

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111704.D
 Acq On : 21 Dec 2018 22:59
 Operator : JU/SJ
 Sample : PB115917BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

Quant Time: Dec 22 00:47:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146665	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	502965	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	217228	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	380363	20.00	ng	0.01
76) Chrysene-d12	14.07	240	261098	20.00	ng	0.02
87) Perylene-d12	15.54	264	207480	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1183073	137.50	ng	0.03
7) Phenol-d6	6.55	99	1453276	132.71	ng	0.02
23) Nitrobenzene-d5	7.46	82	918453	106.29	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	368799	143.69	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1598021	107.23	ng	0.00
79) Terphenyl-d14	13.01	244	1554218	112.89	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	134449	33.211	ng	96
3) Pyridine	3.52	79	402302	38.144	ng	97
4) n-Nitrosodimethylamine	3.45	42	250251	48.483	ng	86
6) Aniline	6.56	93	329679	23.619	ng	# 1
8) 2-Chlorophenol	6.70	128	428258	44.931	ng	96
9) Benzaldehyde	6.45	77	330920	43.940	ng	96
10) Phenol	6.56	94	505788	40.936	ng	86
11) bis(2-Chloroethyl)ether	6.64	93	406131	43.865	ng	99
12) 1,3-Dichlorobenzene	6.85	146	481545	43.594	ng	98
13) 1,4-Dichlorobenzene	6.92	146	492846	43.994	ng	96
14) 1,2-Dichlorobenzene	7.07	146	458418	43.860	ng	97
15) Benzyl Alcohol	7.05	79	348343	40.054	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	680316	39.897	ng	99
17) 2-Methylphenol	7.16	107	333833	43.740	ng	93
18) Hexachloroethane	7.42	117	100949	26.741	ng	91
19) n-Nitroso-di-n-propylamine	7.32	70	300904	41.376	ng	97
20) 3+4-Methylphenols	7.31	107	409006	42.412	ng	# 80
22) Acetophenone	7.31	105	572543	44.933	ng	# 95
24) Nitrobenzene	7.48	77	448114	49.480	ng	98
25) Isophorone	7.72	82	778108	50.724	ng	98
26) 2-Nitrophenol	7.80	139	196699	53.553	ng	# 93
27) 2,4-Dimethylphenol	7.84	122	346994	47.924	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	486336	47.643	ng	97
29) 2,4-Dichlorophenol	8.05	162	340899	43.774	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	388785	44.799	ng	98
31) Naphthalene	8.21	128	1156770	47.866	ng	97
32) Benzoic acid	7.95	122	196936	41.137	ng	91
33) 4-Chloroaniline	8.25	127	117960	11.293	ng	98
34) Hexachlorobutadiene	8.33	225	236277	44.672	ng	97
35) Caprolactam	8.62	113	103089	39.065	ng	93
36) 4-Chloro-3-methylphenol	8.74	107	317355	41.455	ng	98
37) 2-Methylnaphthalene	8.90	142	748194	47.586	ng	98
38) 1-Methylnaphthalene	9.00	142	704640	46.663	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	359025	50.297	ng	# 97

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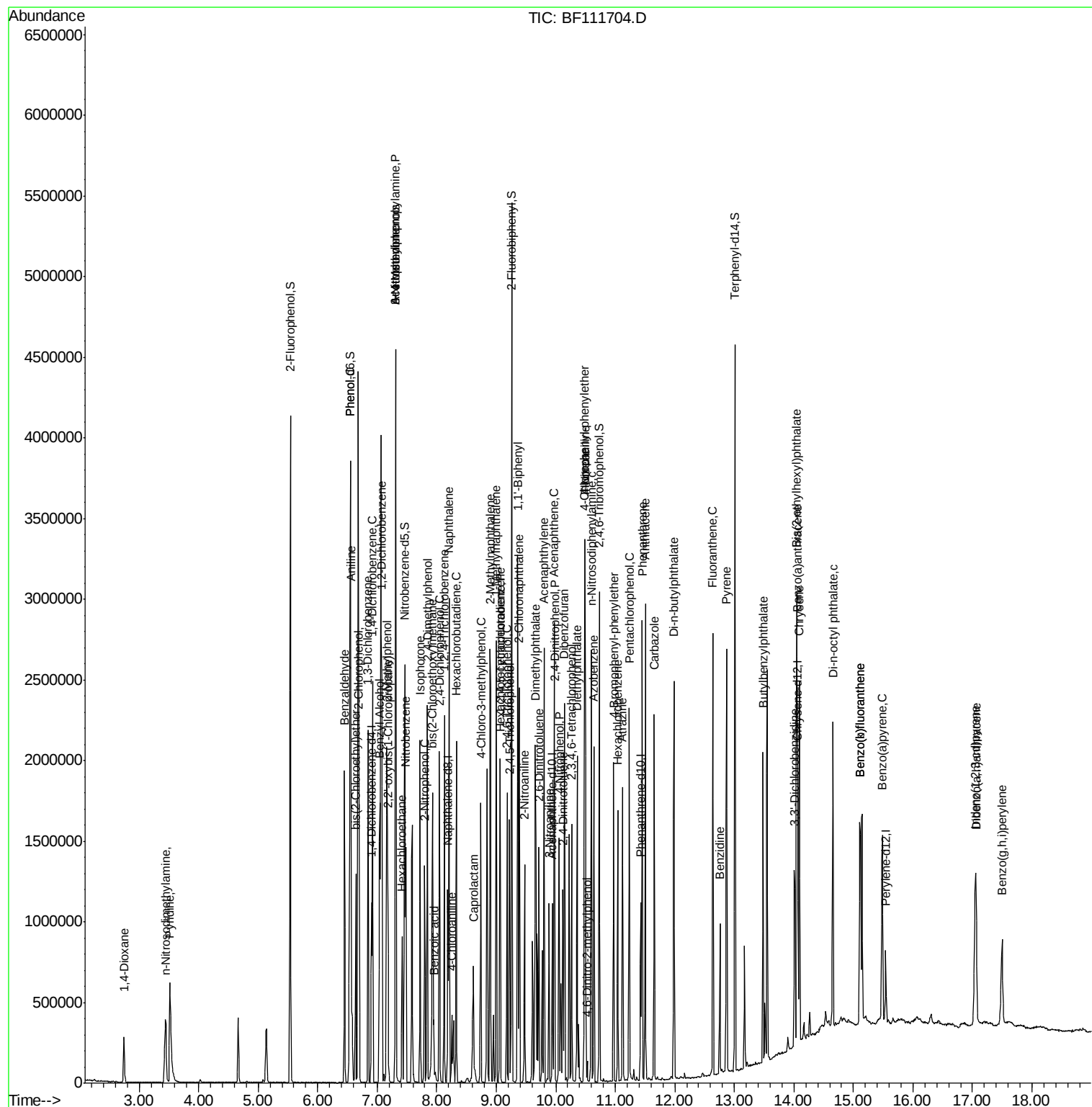
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	21428	6.186	ng	98
43) 2,4,6-Trichlorophenol	9.18	196	230704	48.409	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	230433	47.131	ng	92
46) 1,1'-Biphenyl	9.36	154	901448	49.159	ng	95
47) 2-Chloronaphthalene	9.39	162	683525	47.047	ng	95
48) 2-Nitroaniline	9.48	65	217894	57.650	ng	95
49) Acenaphthylene	9.80	152	1061932	50.062	ng	95
50) Dimethylphthalate	9.66	163	820961	51.681	ng	98
51) 2,6-Dinitrotoluene	9.72	165	163418	51.592	ng #	88
52) Acenaphthene	9.97	154	610756	46.683	ng	98
53) 3-Nitroaniline	9.89	138	143109	42.363	ng	96
54) 2,4-Dinitrophenol	9.99	184	14137	19.944	ng #	1
55) Dibenzofuran	10.15	168	928562	46.978	ng	95
56) 4-Nitrophenol	10.06	139	246205	95.501	ng	91
57) 2,4-Dinitrotoluene	10.12	165	200161	52.578	ng #	95
58) Fluorene	10.49	166	701913	49.281	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	200674	48.772	ng	89
60) Diethylphthalate	10.36	149	769634	49.391	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	357466	45.427	ng	93
62) 4-Nitroaniline	10.50	138	160312	48.827	ng	91
63) Azobenzene	10.64	77	680045	43.471	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	13828	14.263	ng	82
66) n-Nitrosodiphenylamine	10.60	169	618656	48.453	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	221466	46.943	ng	97
68) Hexachlorobenzene	11.05	284	248722	47.284	ng #	90
69) Atrazine	11.12	200	199782	45.040	ng	96
70) Pentachlorophenol	11.23	266	252983	77.795	ng	95
71) Phenanthrene	11.45	178	1026879	50.906	ng	94
72) Anthracene	11.50	178	1055028	52.107	ng	95
73) Carbazole	11.66	167	913490	46.470	ng	94
74) Di-n-butylphthalate	11.99	149	1101732	49.987	ng	96
75) Fluoranthene	12.64	202	1034869	50.662	ng	96
77) Benzdine	12.76	184	377385	38.411	ng	96
78) Pyrene	12.87	202	1014000	54.995	ng	97
80) Butylbenzylphthalate	13.48	149	436816	58.119	ng	94
81) Benzo(a)anthracene	14.06	228	758416	50.898	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	234772	39.877	ng #	97
83) Chrysene	14.09	228	723080	49.373	ng	96
84) Bis(2-ethylhexyl)phthalate	14.04	149	546713	57.749	ng #	99
85) Di-n-octyl phthalate	14.66	149	838147	57.142	ng	96
86) Indeno(1,2,3-cd)pyrene	17.04	276	602734	48.413	ng #	87
88) Benzo(b)fluoranthene	15.11	252	643197	53.043	ng #	96
89) Benzo(k)fluoranthene	15.11	252	643197	55.716	ng	96
90) Benzo(a)pyrene	15.49	252	572301	51.949	ng #	94
91) Dibenzo(a,h)anthracene	17.06	278	515885	53.477	ng #	90
92) Benzo(g,h,i)perylene	17.50	276	472903	50.202	ng #	86

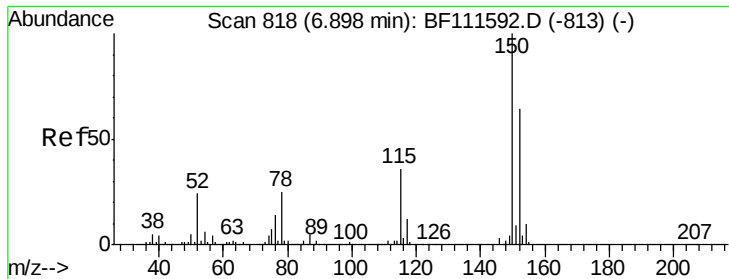
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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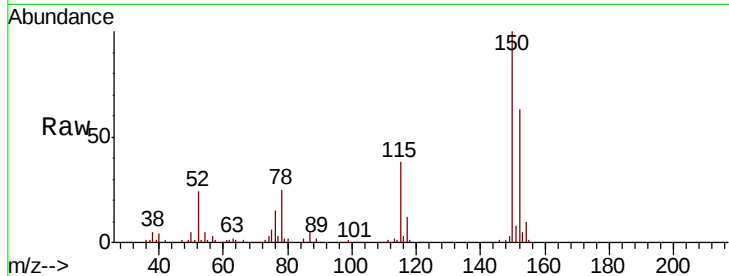


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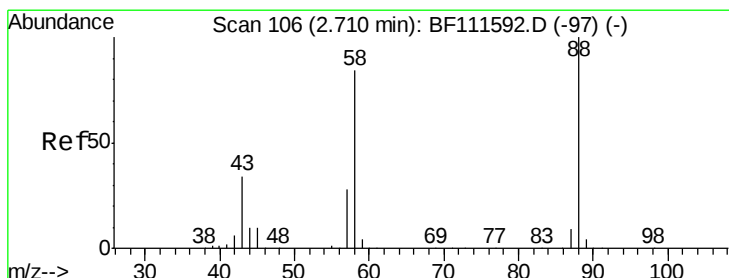
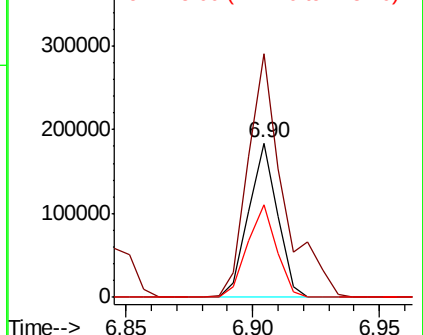
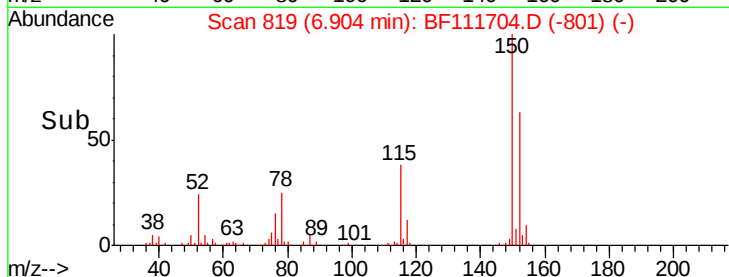
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tgt Ion:152 Resp: 146665
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 60.2 50.7 76.1



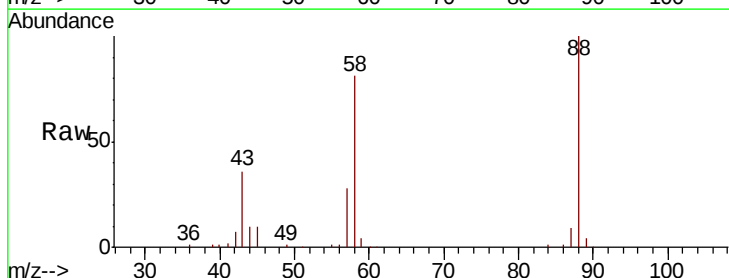
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



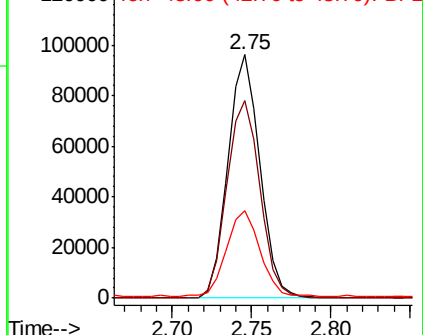
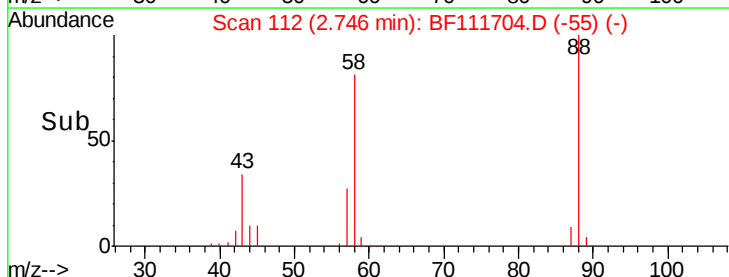
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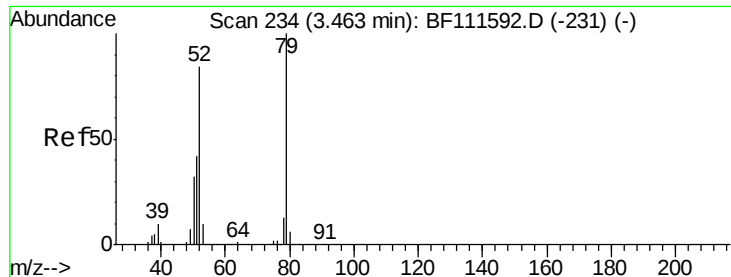
1,4-Dioxane
Concen: 33.211 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.04 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion: 88 Resp: 134449
Ion Ratio Lower Upper
88 100
58 84.1 68.9 103.3
43 36.5 25.8 38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 38.144 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.05 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

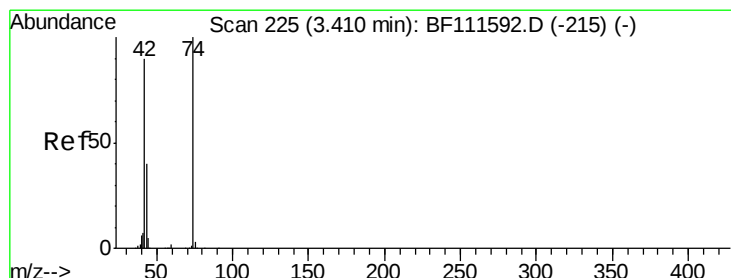
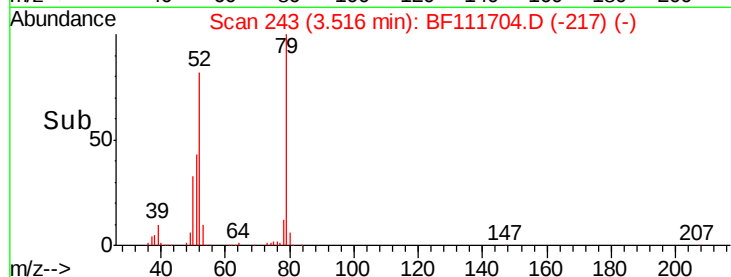
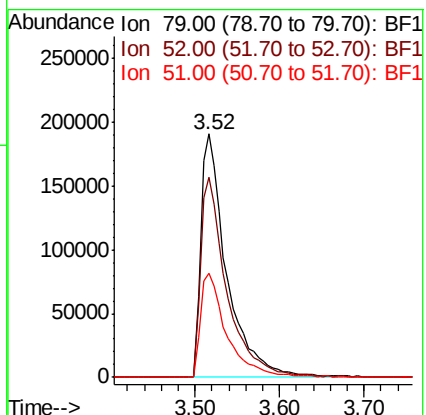
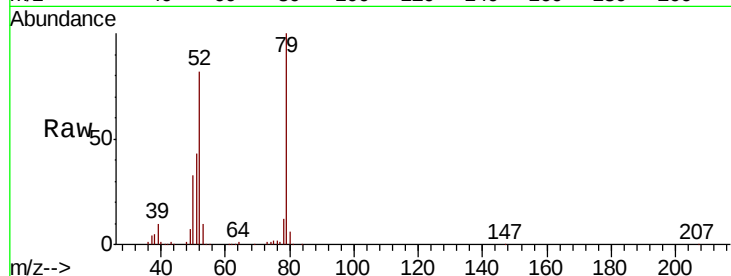
Tgt Ion: 79 Resp: 402302

Ion Ratio Lower Upper

79 100

52 82.4 68.3 102.5

51 42.8 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 48.483 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.04 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

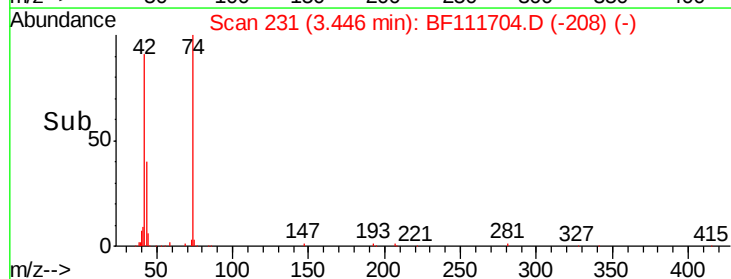
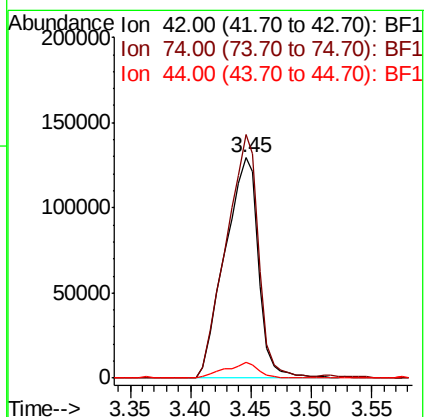
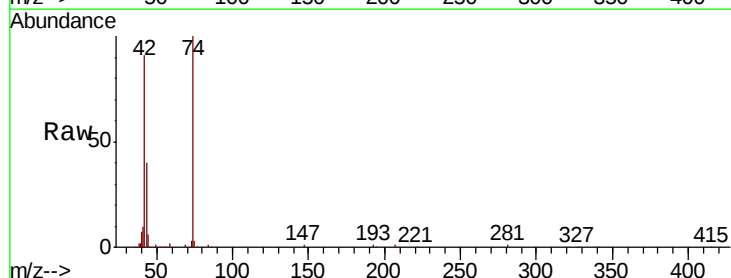
Tgt Ion: 42 Resp: 250251

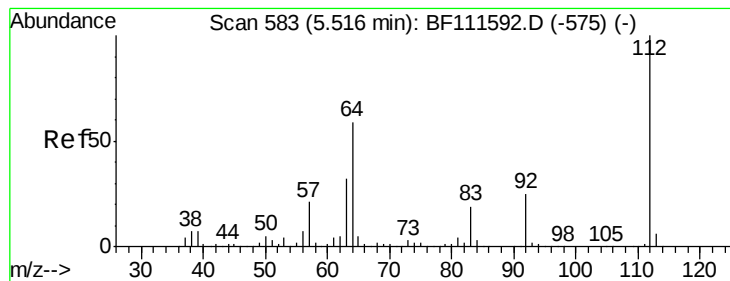
Ion Ratio Lower Upper

42 100

74 110.5 101.5 152.3

44 7.0 6.0 9.0





#5

2-Fluorophenol

Concen: 137.496 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

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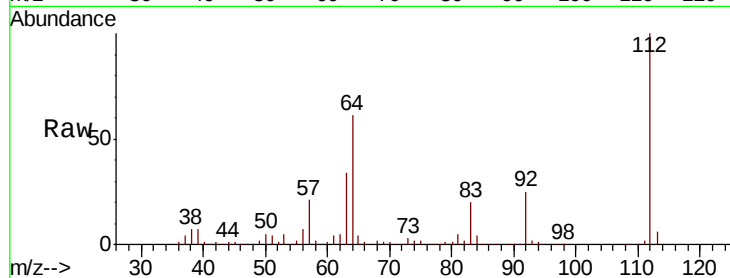
Tgt Ion:112 Resp: 1183073

Ion Ratio Lower Upper

112 100

64 60.7 51.8 77.6

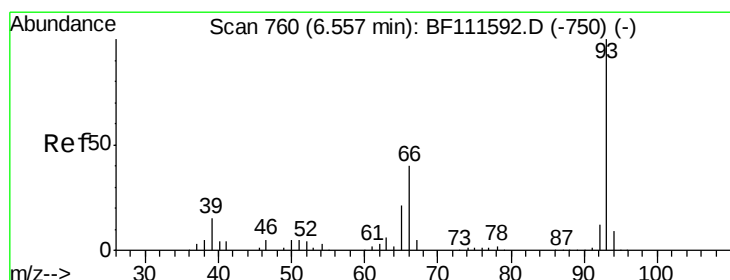
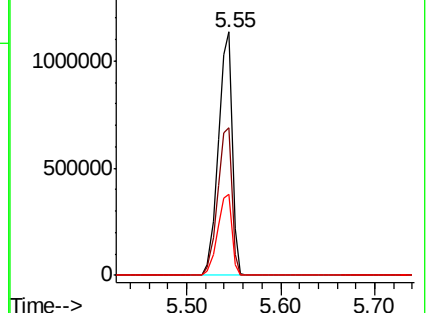
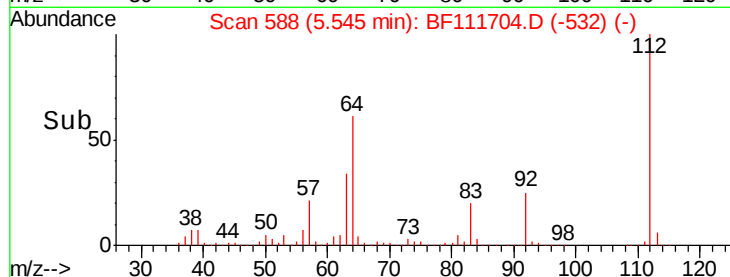
63 33.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.619 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

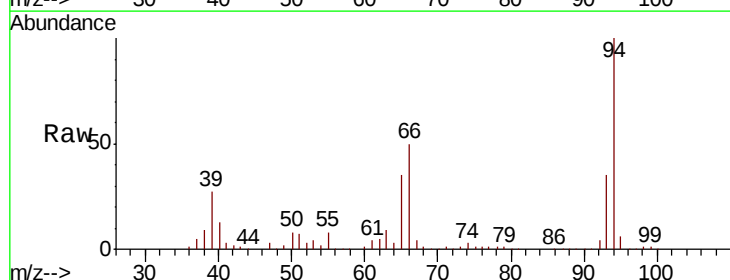
Tgt Ion: 93 Resp: 329679

Ion Ratio Lower Upper

93 100

66 141.9 33.2 49.8#

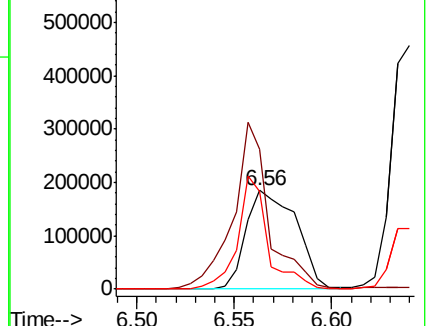
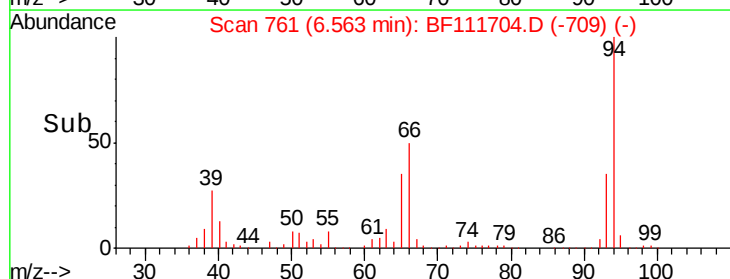
65 98.6 17.0 25.4#

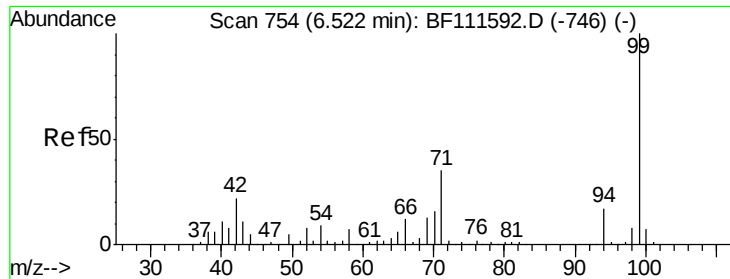


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.714 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

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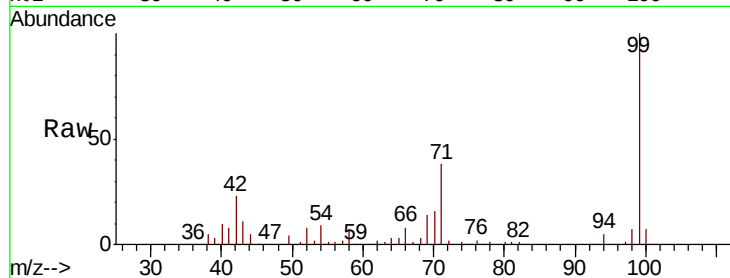
Tgt Ion: 99 Resp: 1453276

Ion Ratio Lower Upper

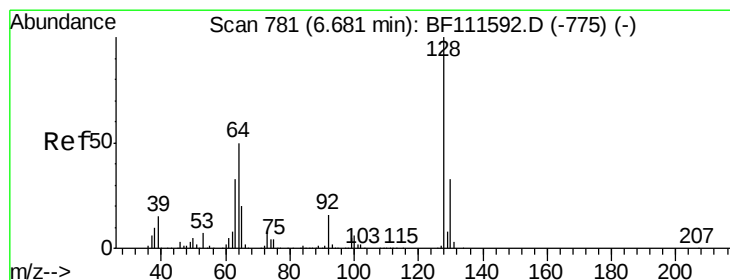
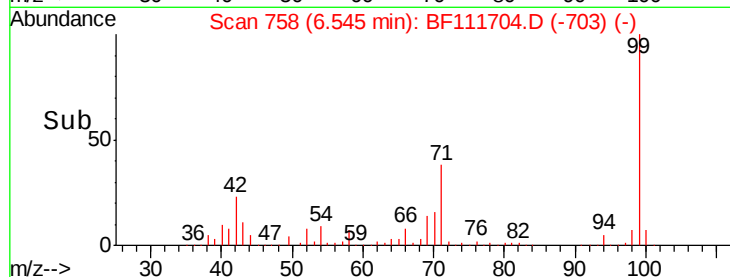
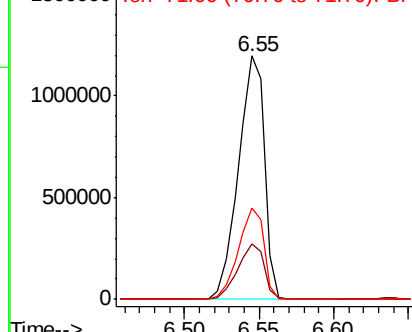
99 100

42 22.9 17.4 26.0

71 37.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.931 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

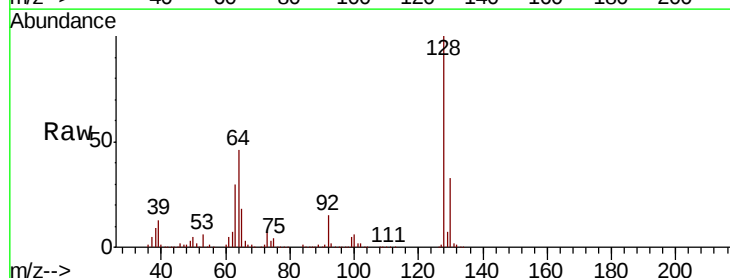
Tgt Ion: 128 Resp: 428258

Ion Ratio Lower Upper

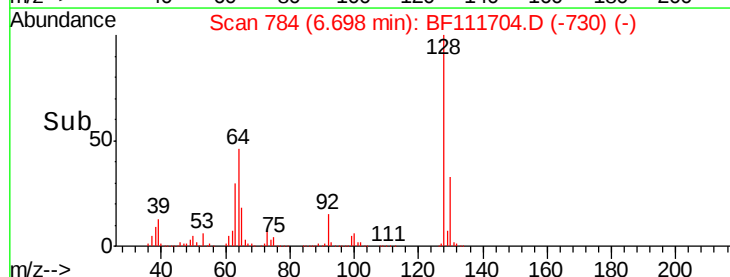
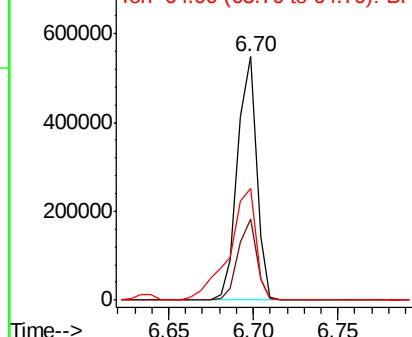
128 100

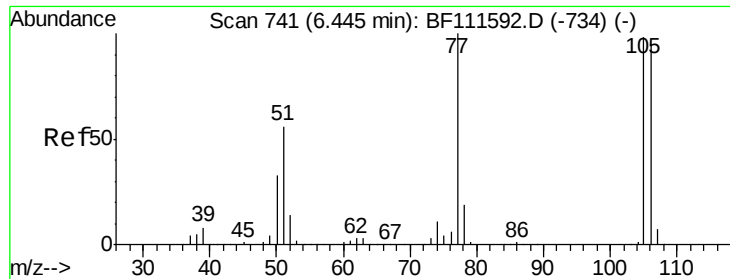
130 33.4 12.7 52.7

64 46.2 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.940 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

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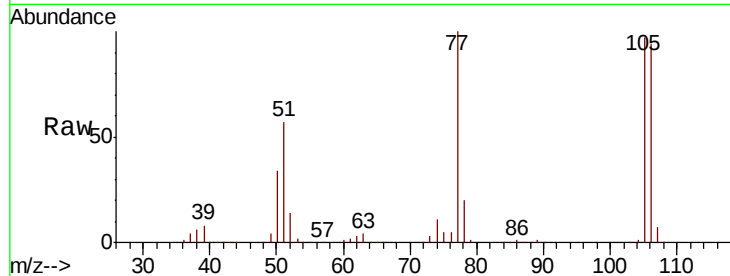
Tgt Ion: 77 Resp: 330920

Ion Ratio Lower Upper

77 100

105 96.9 81.4 121.4

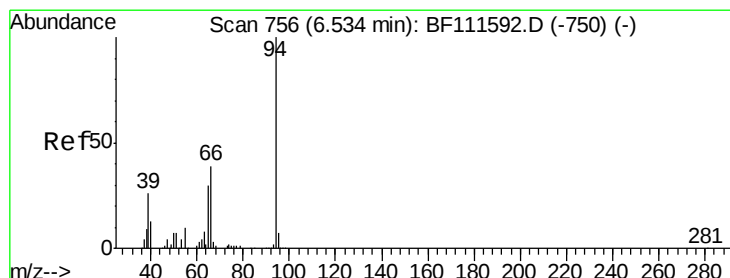
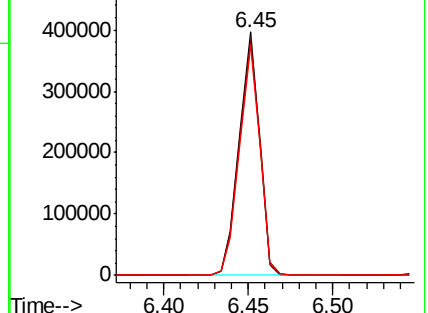
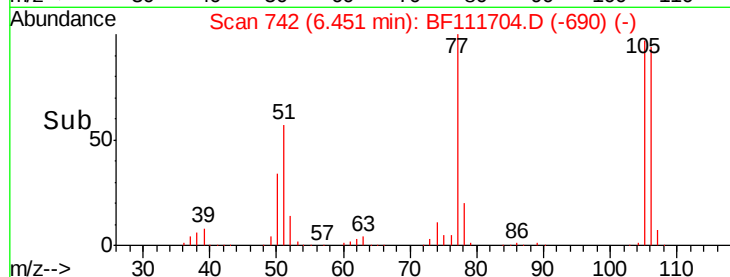
106 94.1 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.936 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

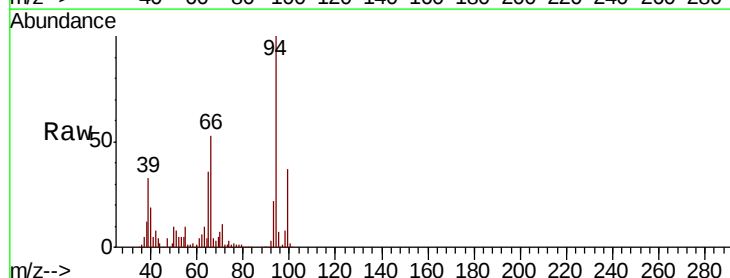
Tgt Ion: 94 Resp: 505788

Ion Ratio Lower Upper

94 100

65 36.0 11.7 51.7

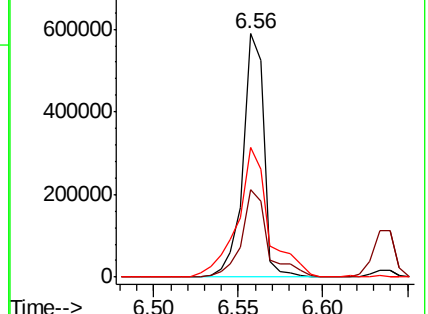
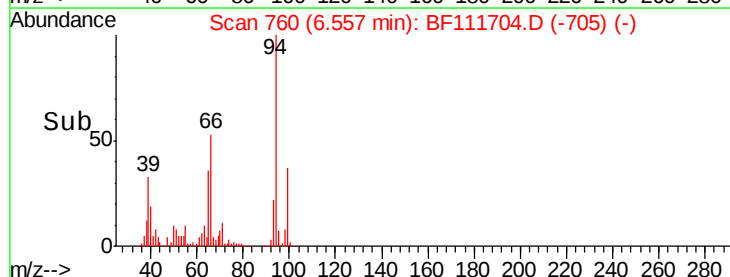
66 53.1 21.0 61.0

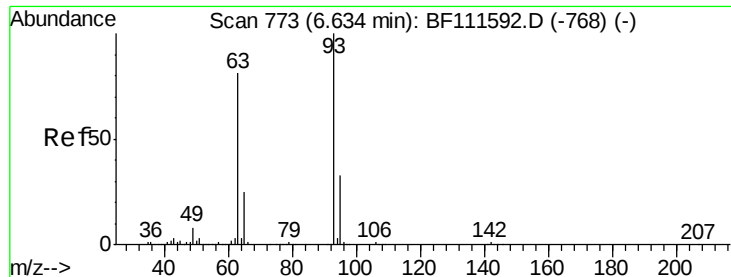


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

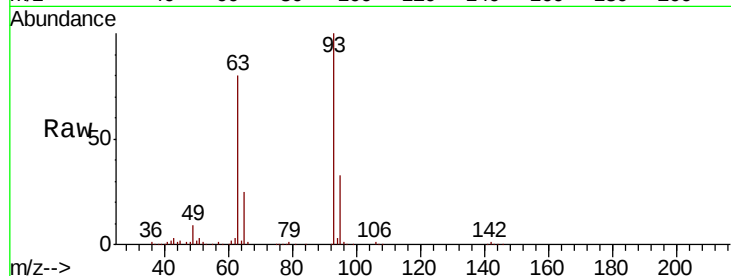




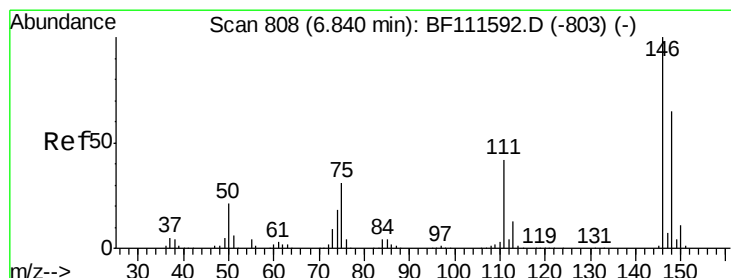
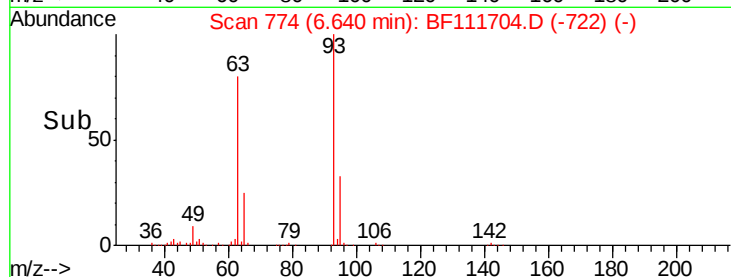
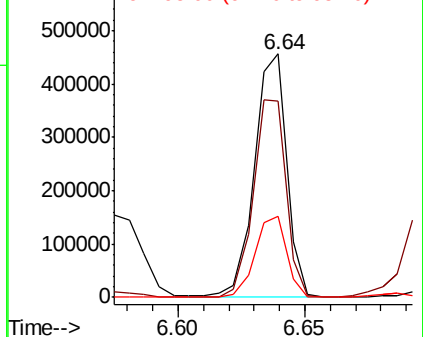
#11
bis(2-Chloroethyl)ether
Concen: 43.865 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tgt Ion: 93 Resp: 406131
Ion Ratio Lower Upper
93 100
63 80.5 60.0 100.0
95 33.1 13.4 53.4

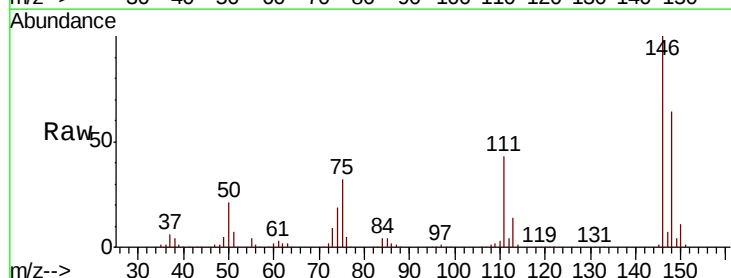


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

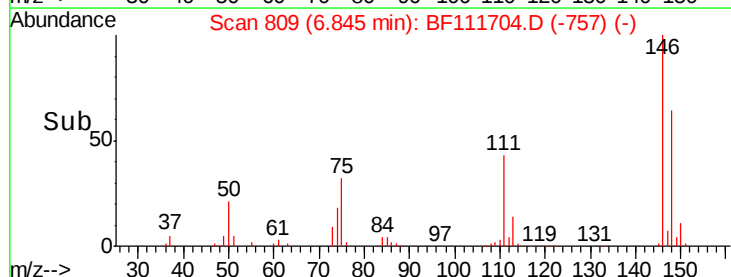
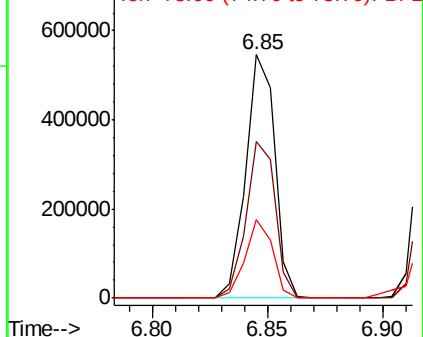


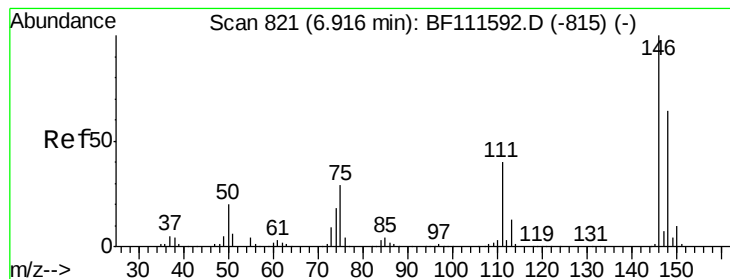
#12
1,3-Dichlorobenzene
Concen: 43.594 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion: 146 Resp: 481545
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
75 32.3 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

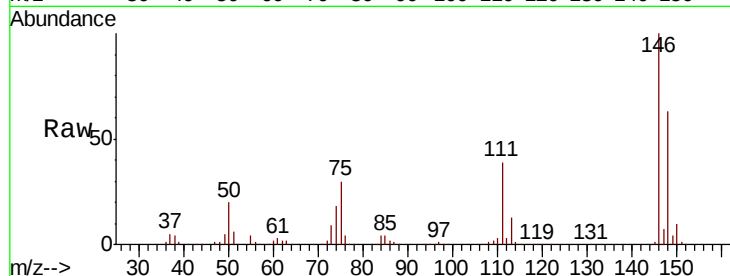




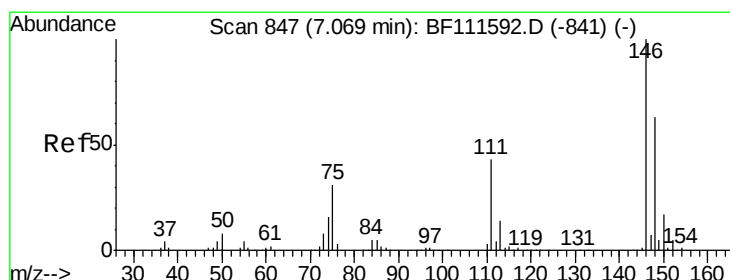
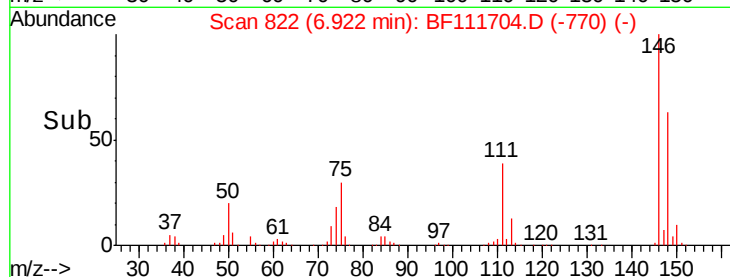
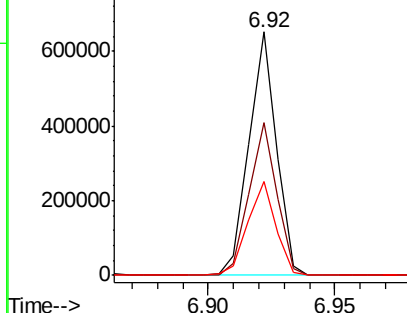
#13
 1,4-Dichlorobenzene
 Concen: 43.994 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

Tgt Ion:146 Resp: 492846
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.8 79.2
 111 38.6 33.4 50.0

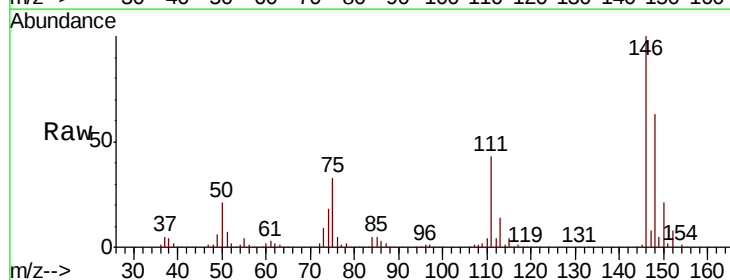


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

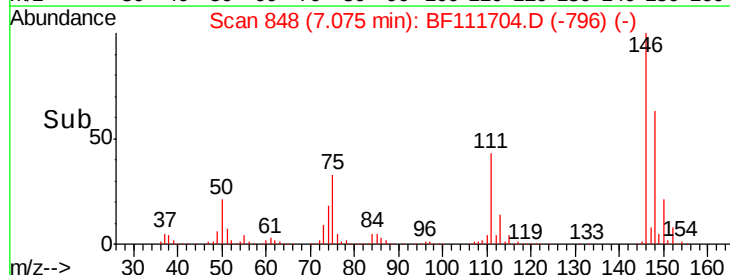
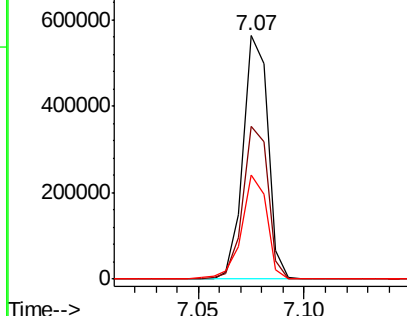


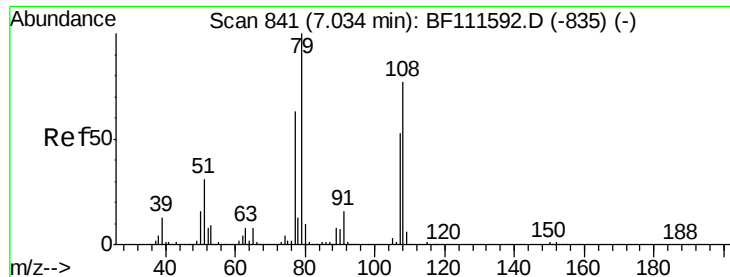
#14
 1,2-Dichlorobenzene
 Concen: 43.860 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion:146 Resp: 458418
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.9 77.9
 111 42.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.054 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

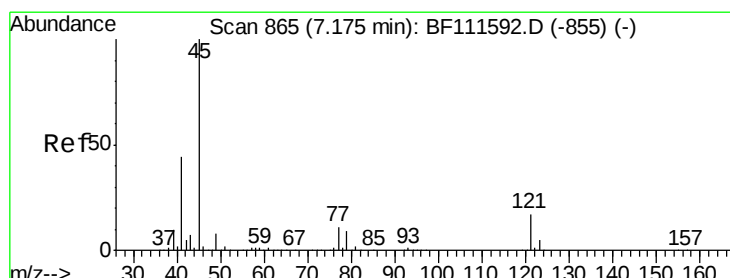
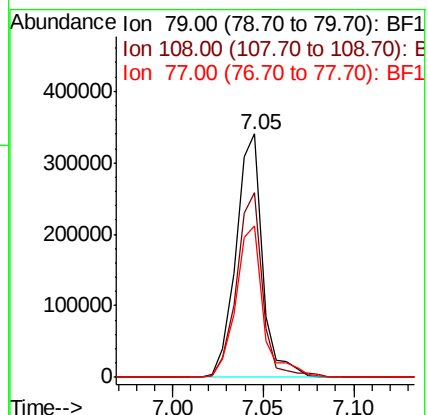
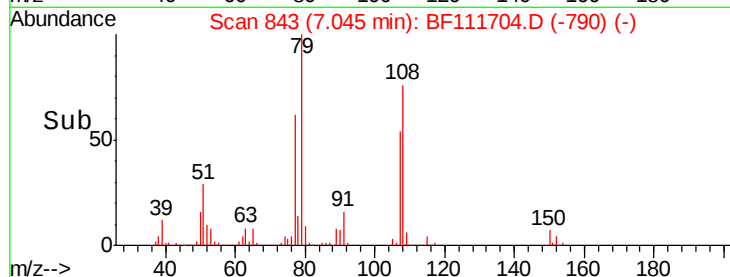
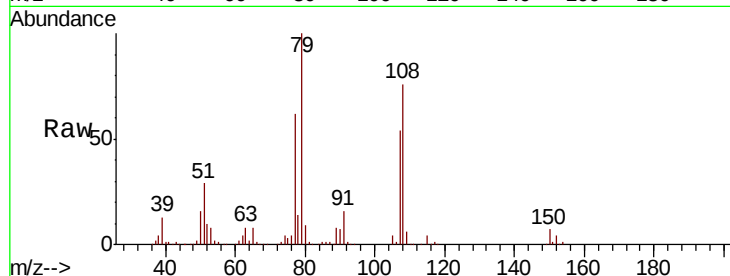
Tgt Ion: 79 Resp: 348343

Ion Ratio Lower Upper

79 100

108 76.0 69.4 104.2

77 62.2 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.897 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

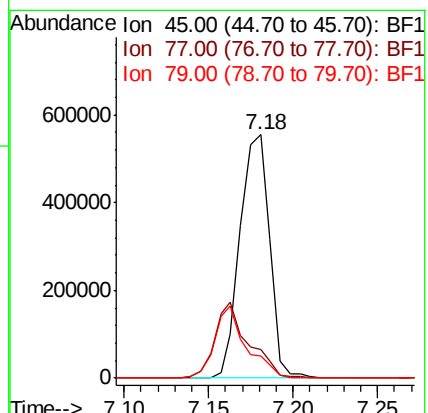
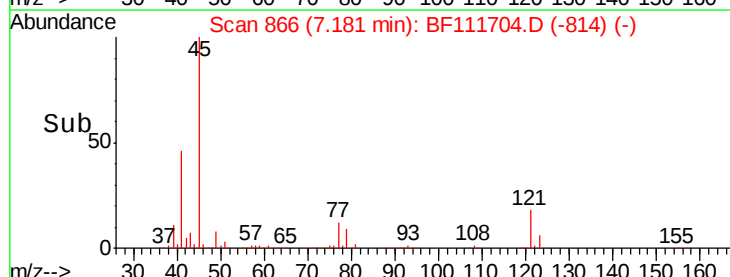
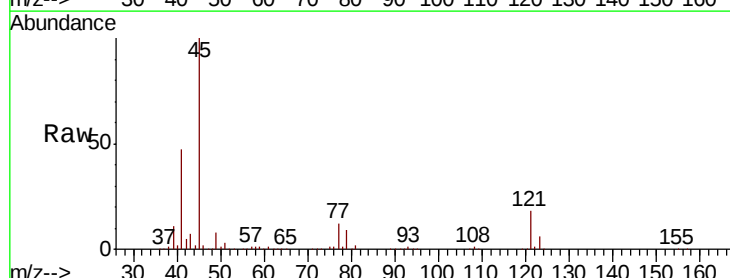
Tgt Ion: 45 Resp: 680316

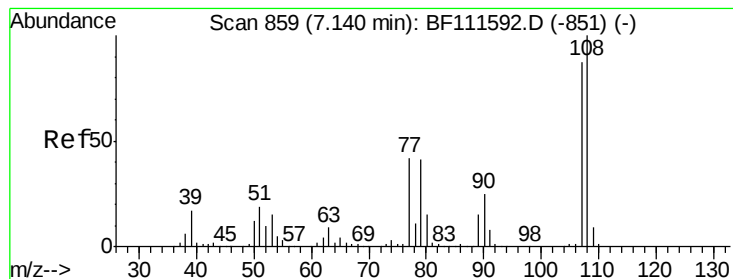
Ion Ratio Lower Upper

45 100

77 11.9 0.0 31.5

79 9.3 0.0 28.9





#17

2-Methylphenol

Concen: 43.740 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

Tgt Ion:107 Resp: 333833

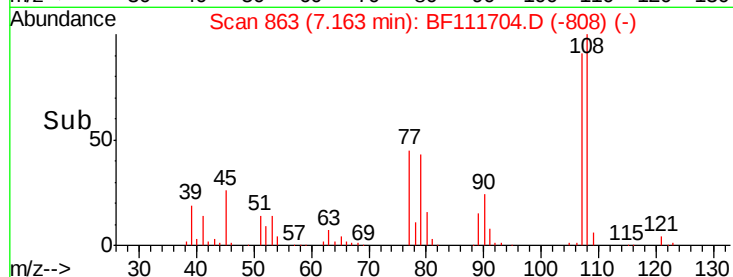
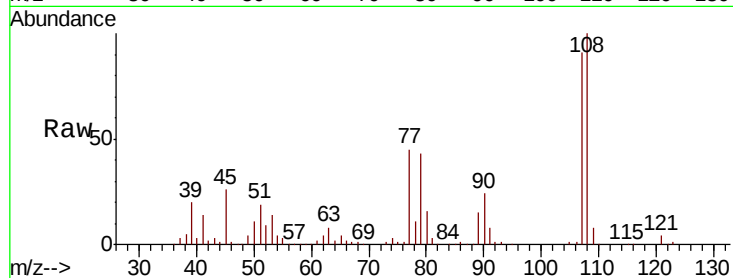
Ion Ratio Lower Upper

107 100

108 109.8 91.0 136.4

77 49.9 33.5 50.3

79 47.2 33.3 49.9

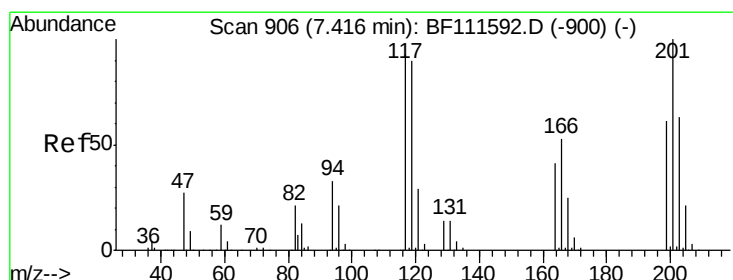
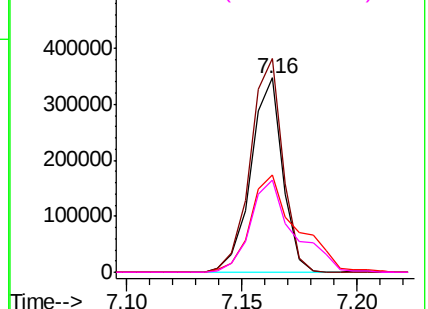


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 26.741 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

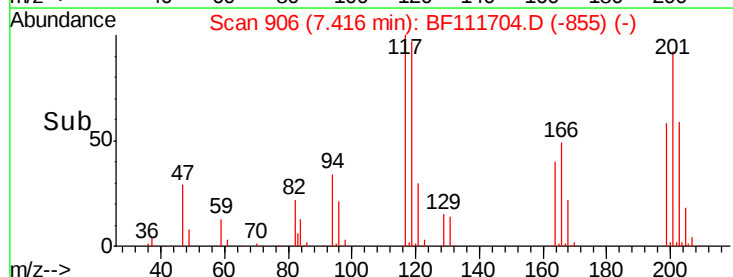
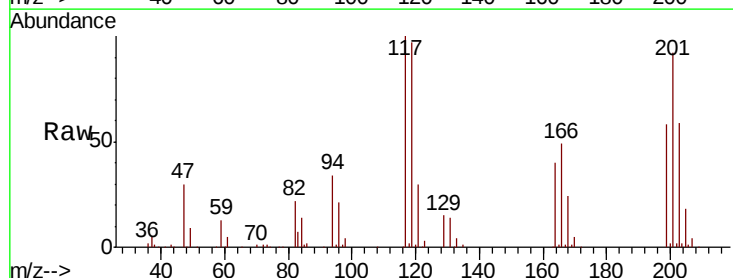
Tgt Ion:117 Resp: 100949

Ion Ratio Lower Upper

117 100

119 96.7 75.4 113.0

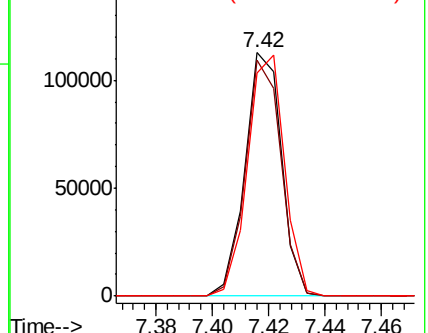
201 91.9 62.4 93.6

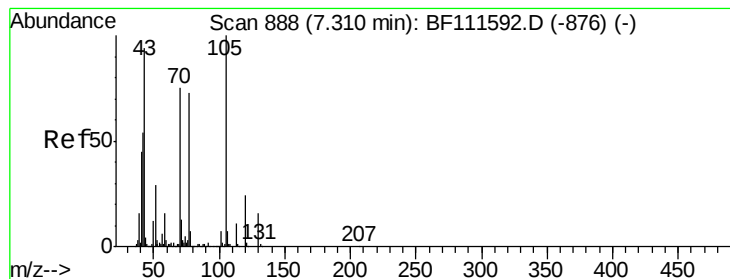


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.376 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

Tgt Ion: 70 Resp: 300904

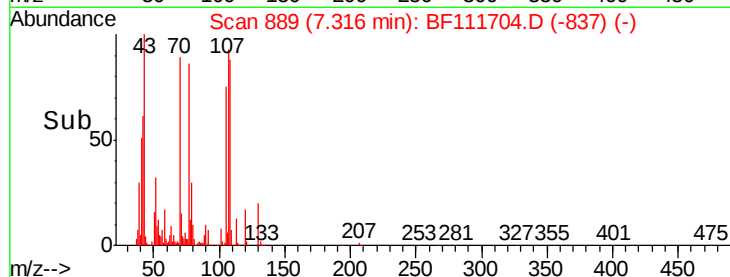
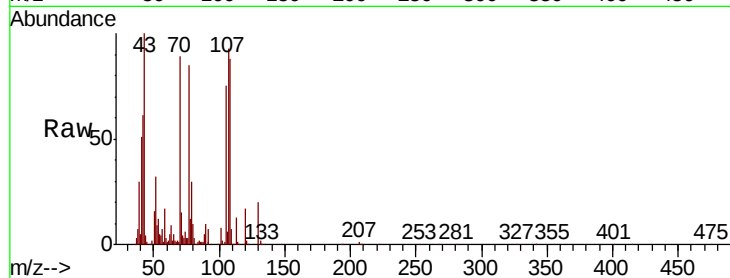
Ion Ratio Lower Upper

70 100

42 69.1 53.2 79.8

101 9.3 8.2 12.4

130 22.1 18.1 27.1

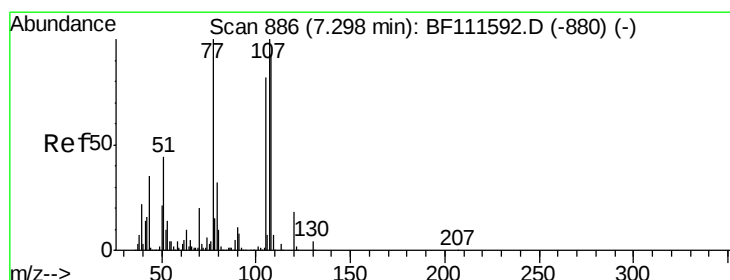
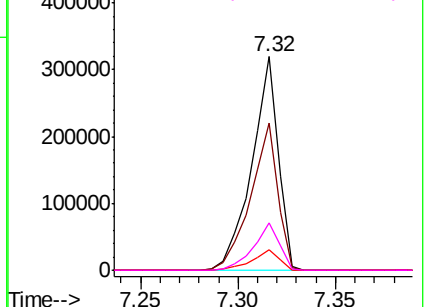


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.412 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Tgt Ion: 107 Resp: 409006

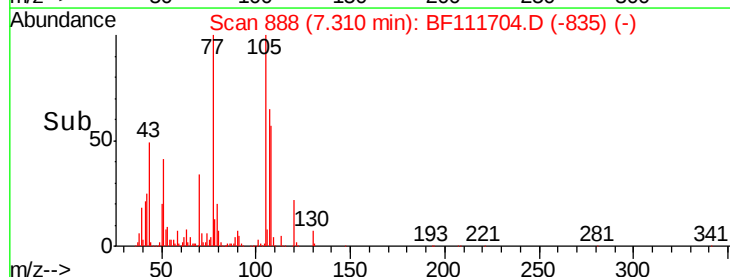
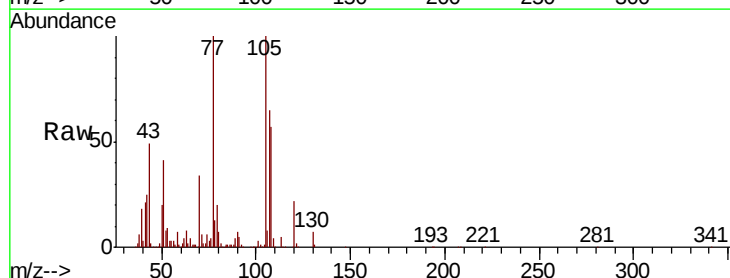
Ion Ratio Lower Upper

107 100

108 87.7 72.1 112.1

77 154.3 94.1 134.1#

79 30.2 9.8 49.8

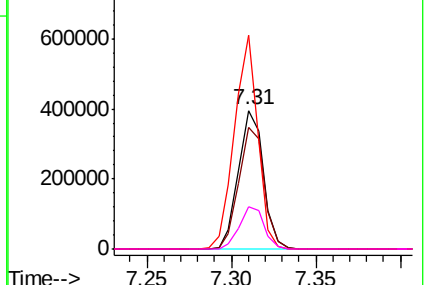


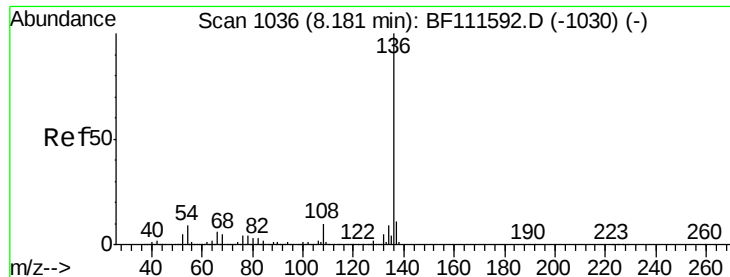
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

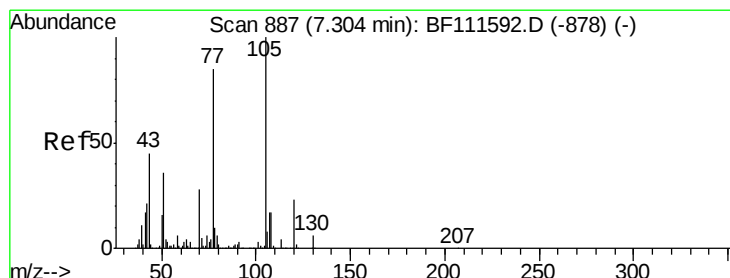
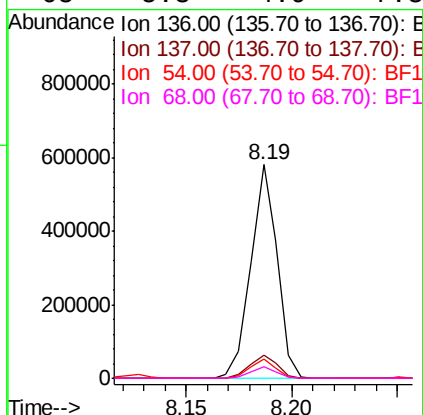
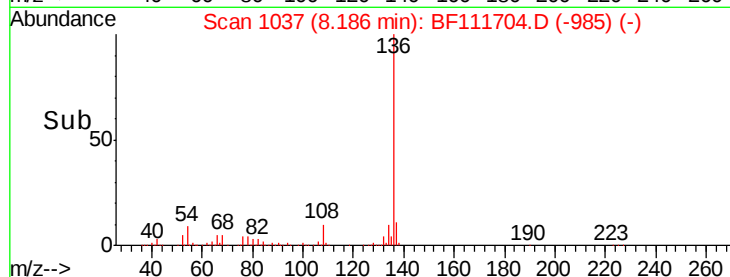
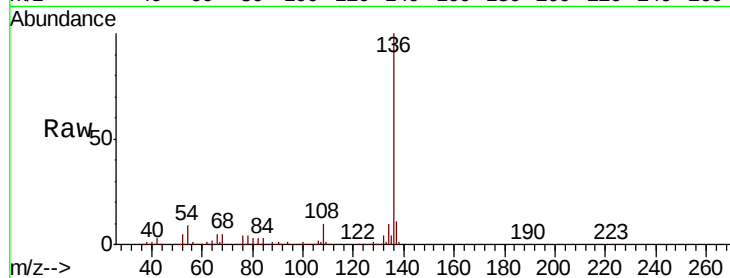




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

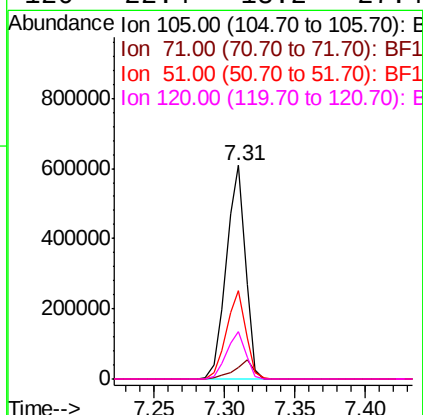
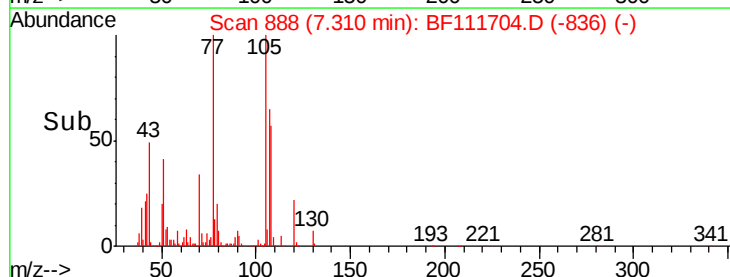
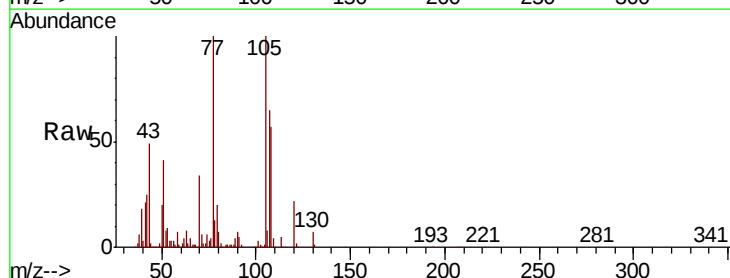
Instrument :
BNA_F
ClientSampleId :
PB115917BS

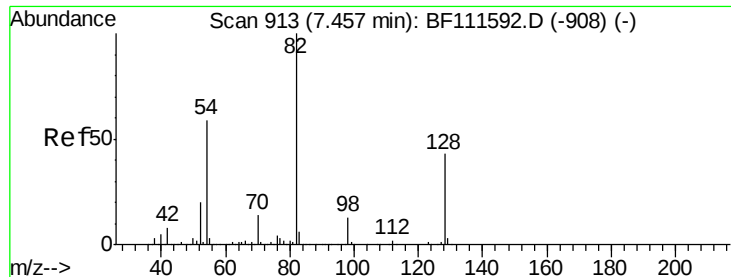
Tgt Ion:	136	Resp:	502965
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.9	7.7	11.5
68	5.3	4.9	7.3



#22
Acetophenone
Concen: 44.933 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion:	105	Resp:	572543
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.1	4.7#
51	41.2	36.6	54.8
120	22.4	18.2	27.4





#23

Nitrobenzene-d5

Concen: 106.292 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

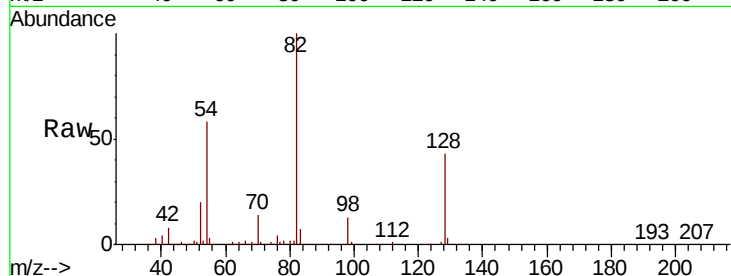
Tgt Ion: 82 Resp: 918453

Ion Ratio Lower Upper

82 100

128 43.5 37.4 56.2

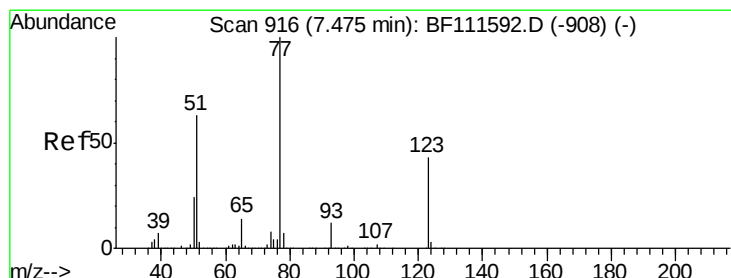
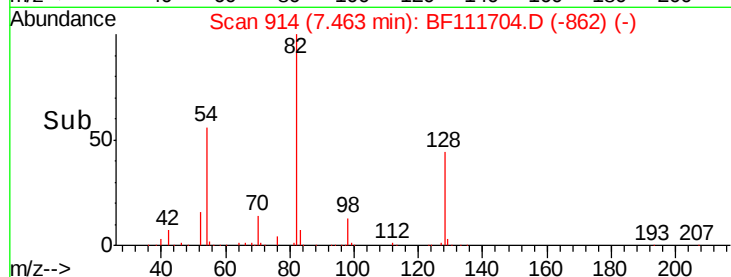
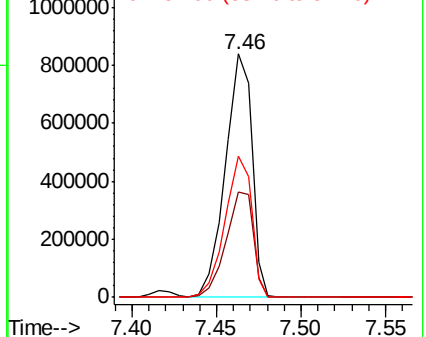
54 58.1 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 49.480 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

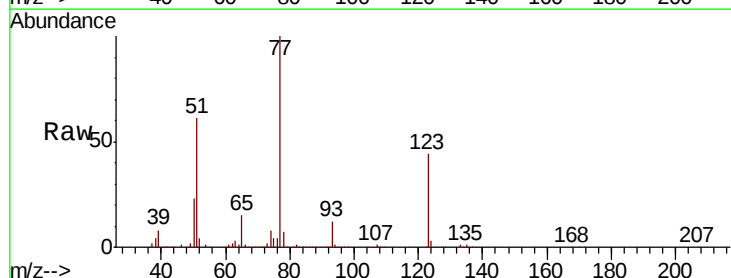
Tgt Ion: 77 Resp: 448114

Ion Ratio Lower Upper

77 100

123 44.5 37.2 55.8

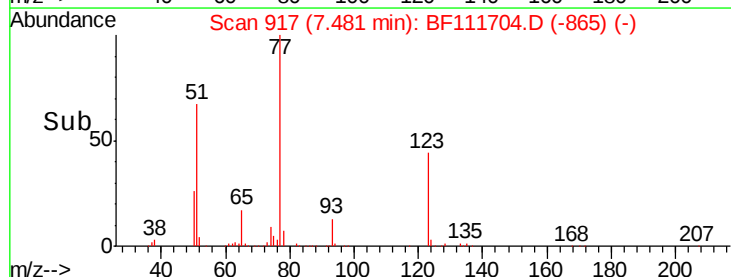
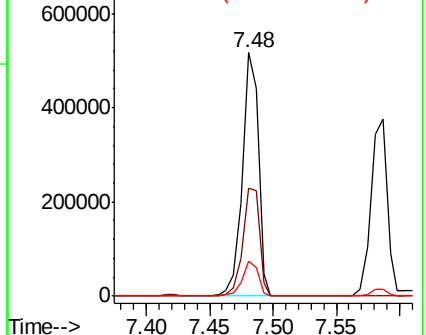
65 14.5 11.5 17.3

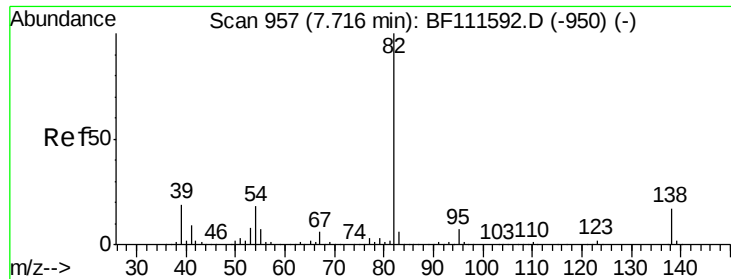


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 50.724 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

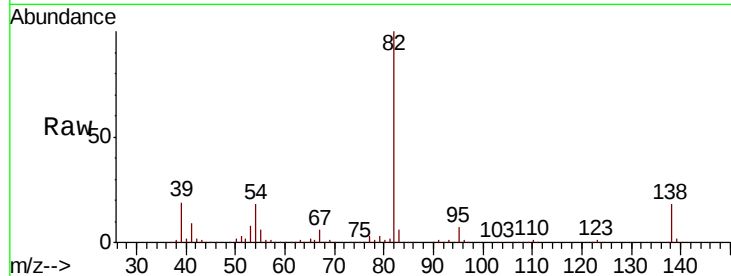
Tgt Ion: 82 Resp: 778108

Ion Ratio Lower Upper

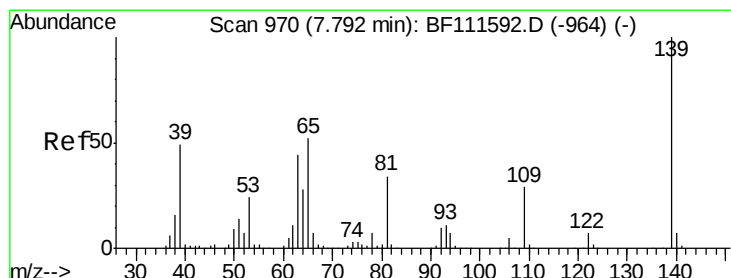
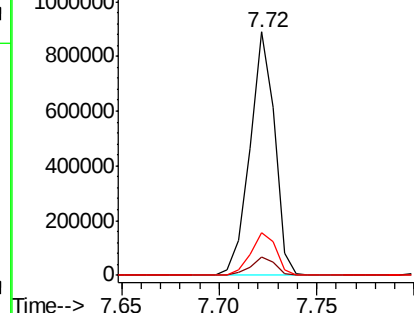
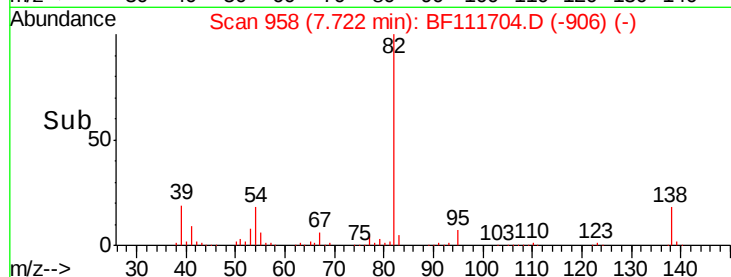
82 100

95 7.4 5.4 8.2

138 17.7 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.553 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

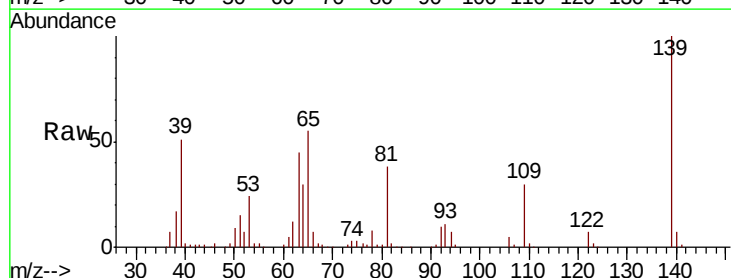
Tgt Ion: 139 Resp: 196699

Ion Ratio Lower Upper

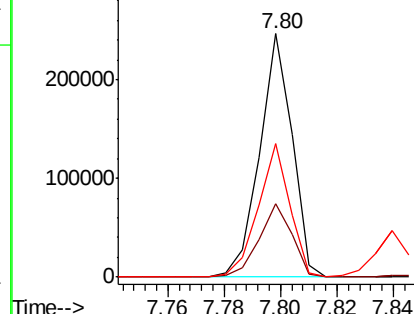
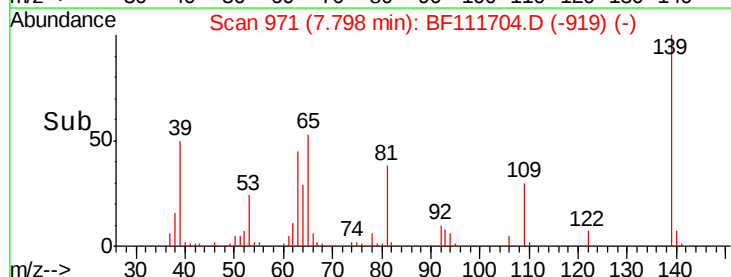
139 100

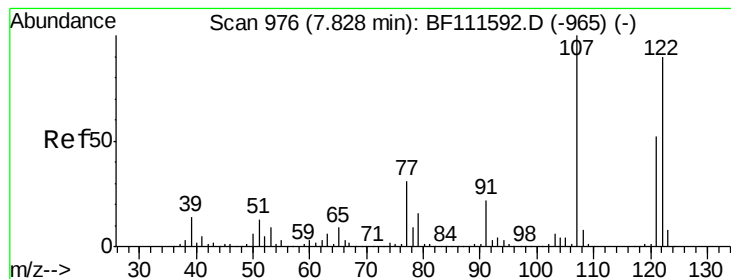
109 30.4 20.2 30.4#

65 55.1 40.7 61.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.924 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

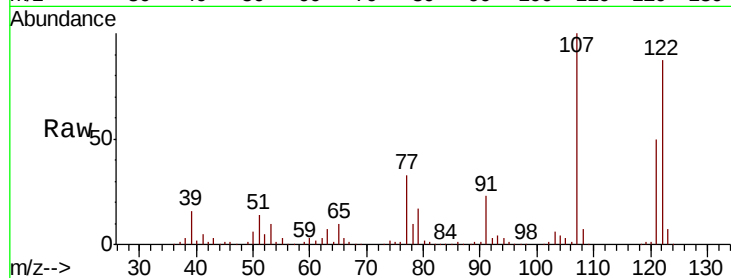
Tgt Ion: 122 Resp: 346994

Ion Ratio Lower Upper

122 100

107 115.6 85.5 128.3

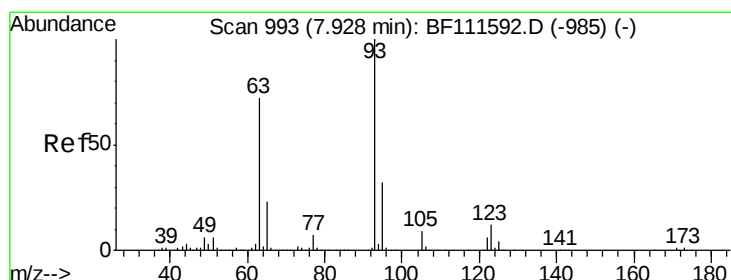
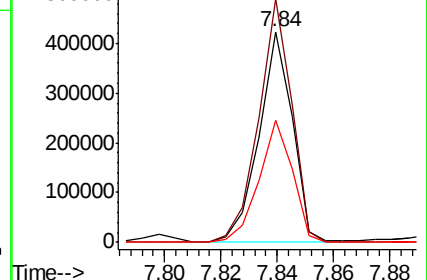
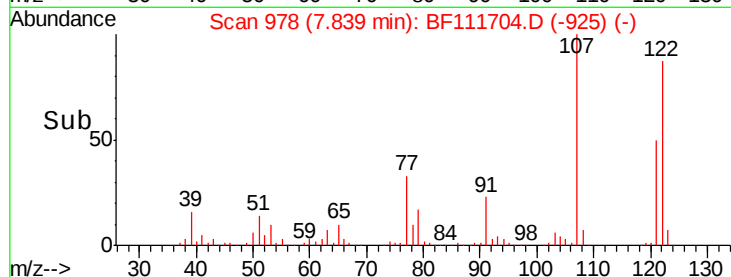
121 57.9 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.643 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

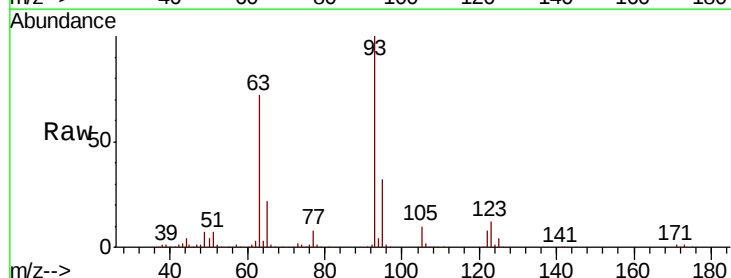
Tgt Ion: 93 Resp: 486336

Ion Ratio Lower Upper

93 100

95 32.2 27.1 40.7

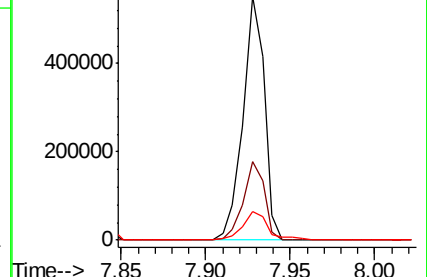
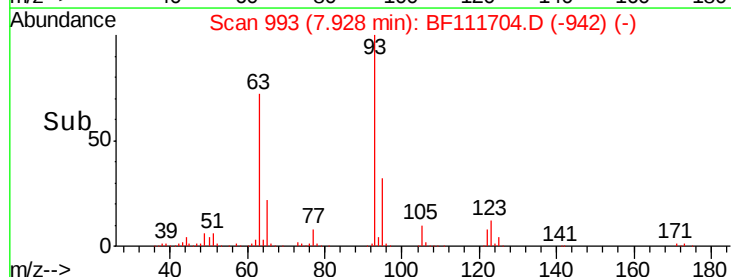
123 11.9 9.9 14.9

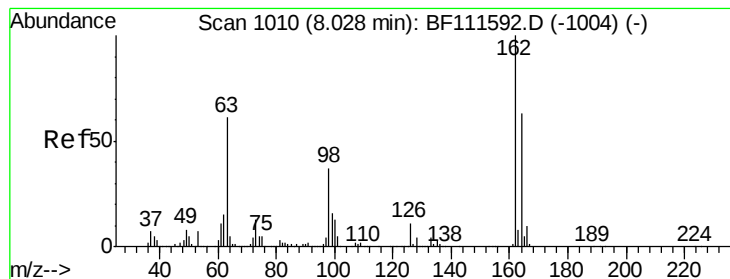


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.774 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

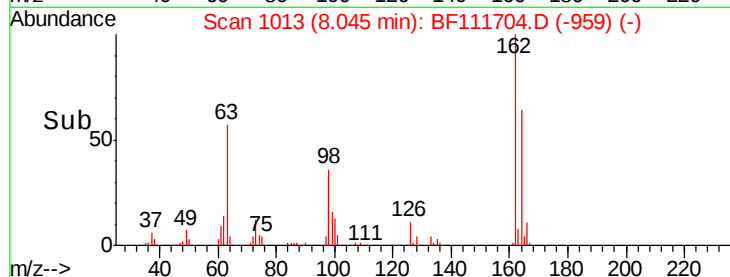
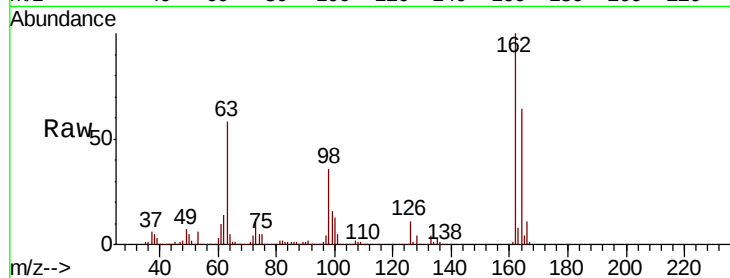
Tgt Ion:162 Resp: 340899

Ion Ratio Lower Upper

162 100

164 63.7 44.4 84.4

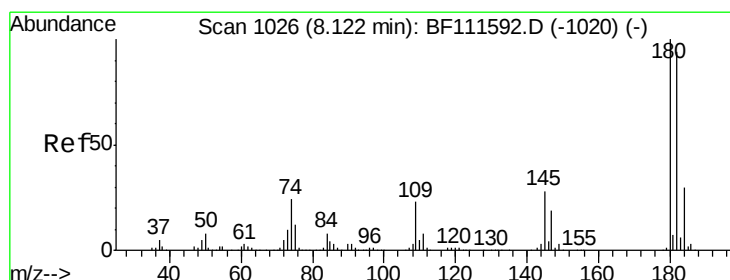
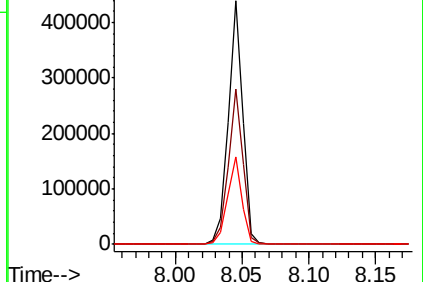
98 35.8 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.799 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

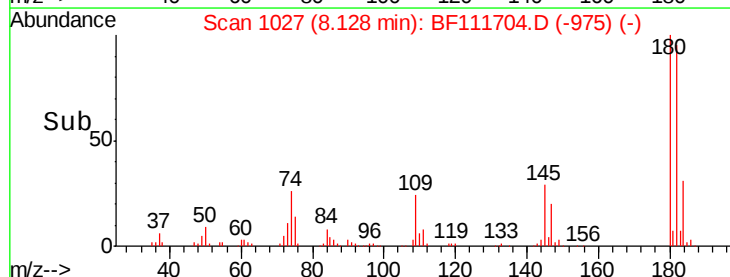
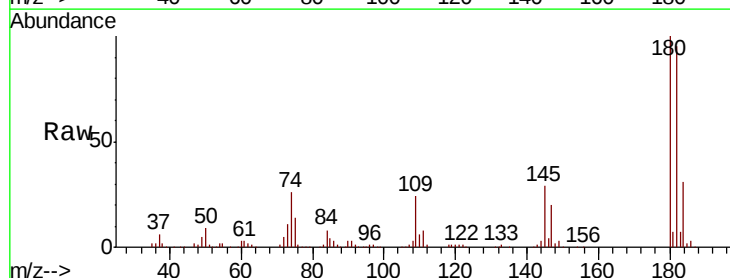
Tgt Ion:180 Resp: 388785

Ion Ratio Lower Upper

180 100

182 94.7 75.6 113.4

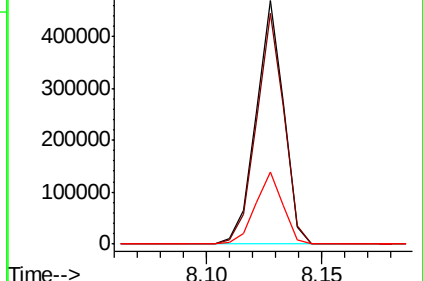
145 29.4 26.7 40.1

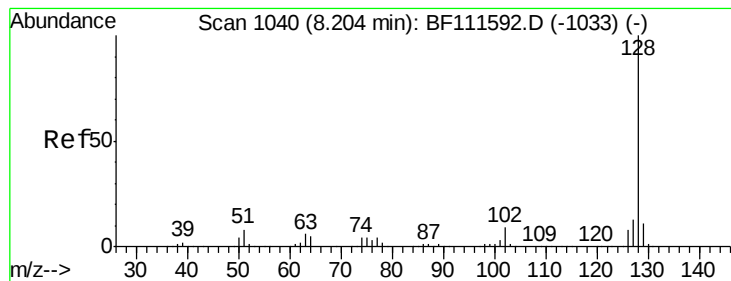


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.866 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

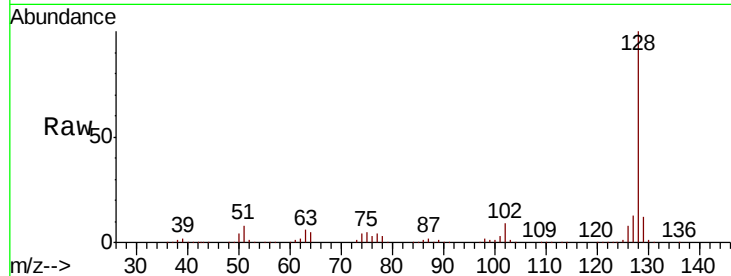
Tgt Ion:128 Resp: 1156770

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

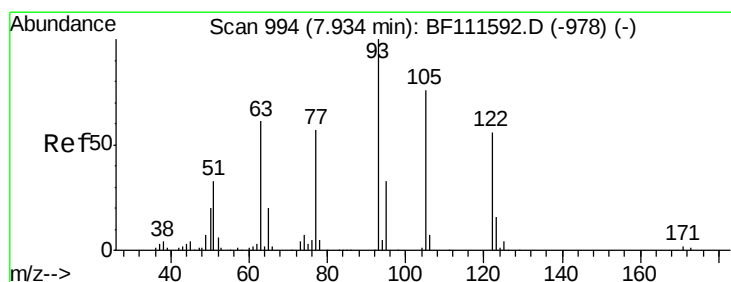
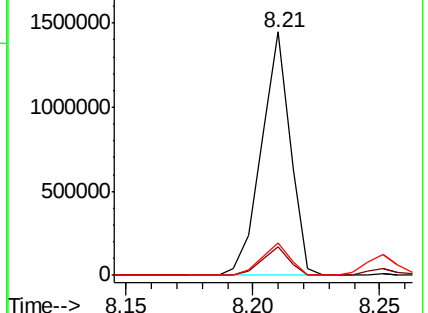
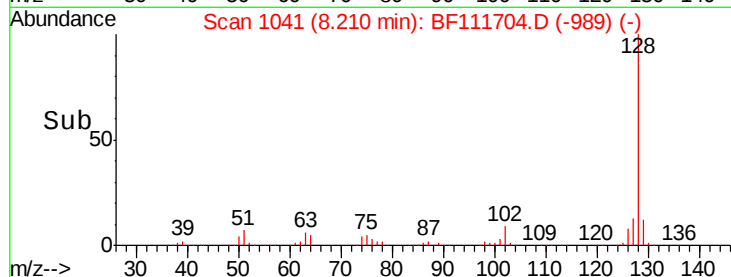
127 13.4 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.137 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

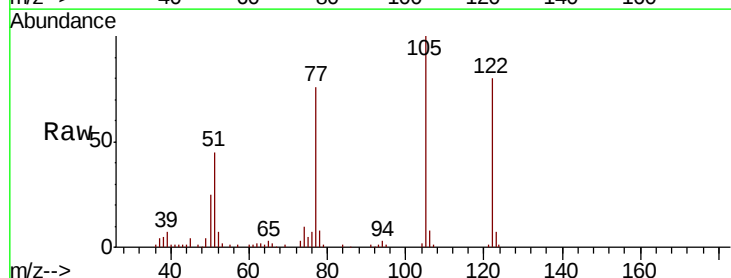
Tgt Ion:122 Resp: 196936

Ion Ratio Lower Upper

122 100

105 125.5 97.0 137.0

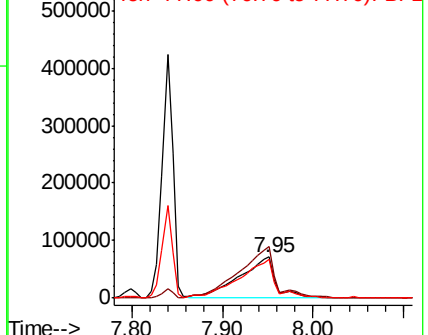
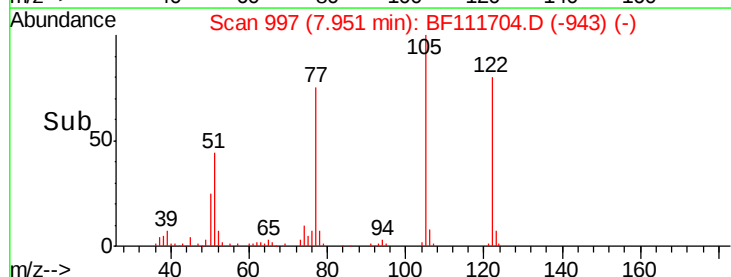
77 95.8 65.7 105.7

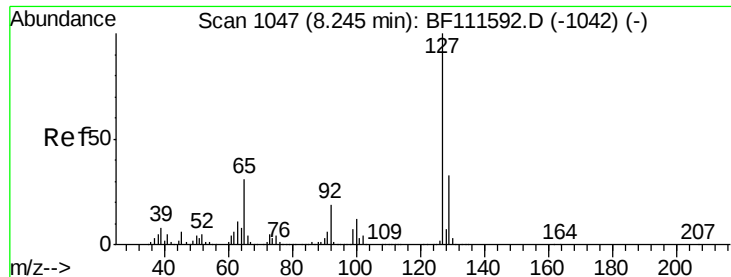


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

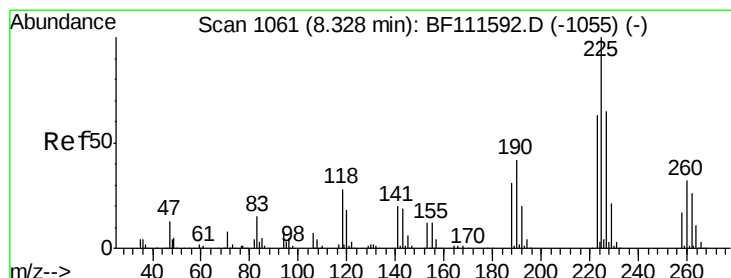
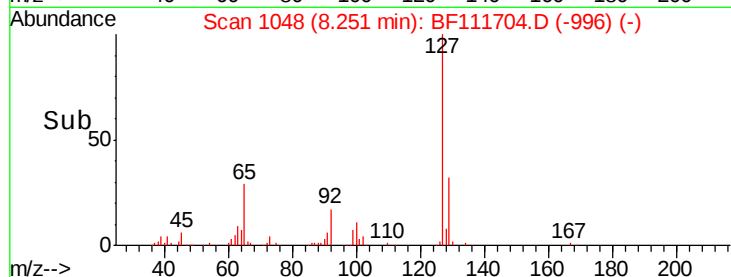
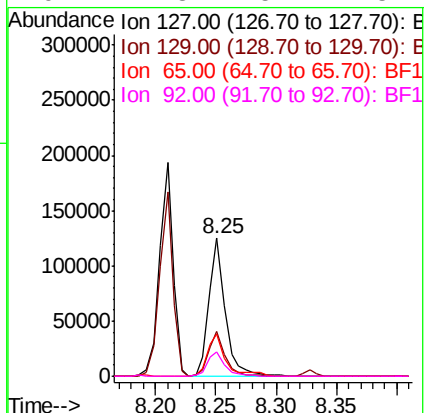
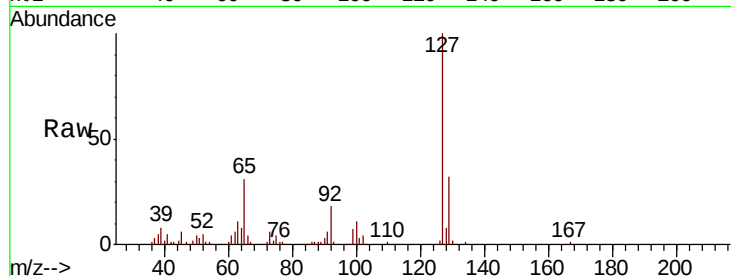




#33
 4-Chloroaniline
 Concen: 11.293 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

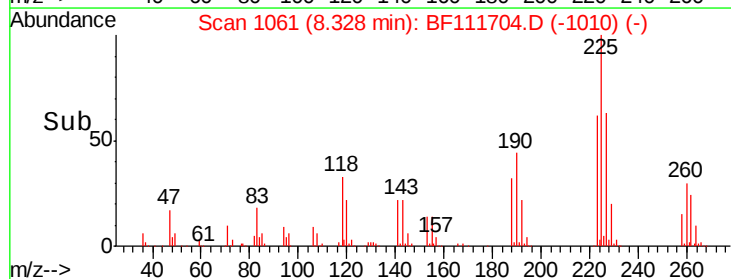
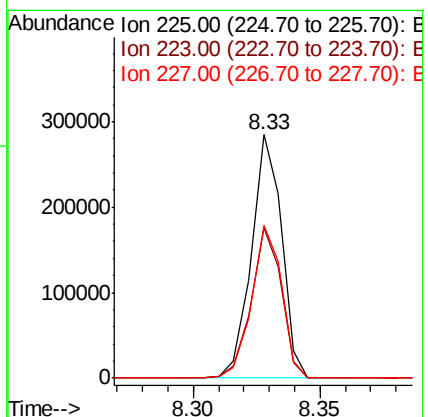
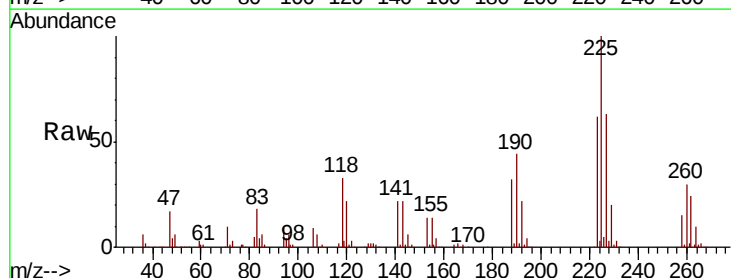
Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

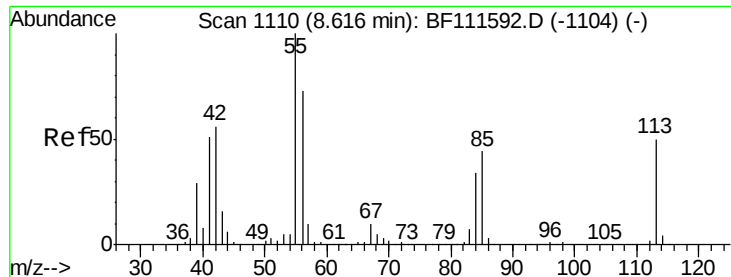
Tgt Ion:	127	Resp:	117960
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	30.8	25.7	38.5
92	17.8	15.4	23.2



#34
 Hexachlorobutadiene
 Concen: 44.672 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion:	225	Resp:	236277
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.7	76.1
227	62.9	52.6	78.8

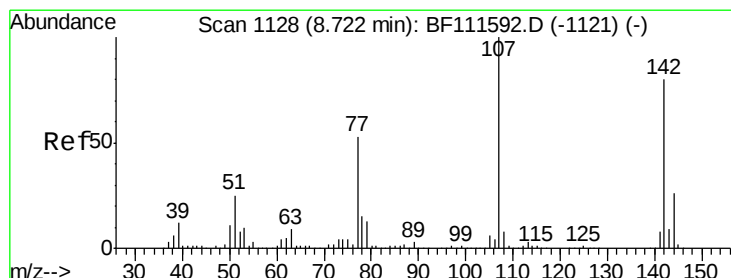
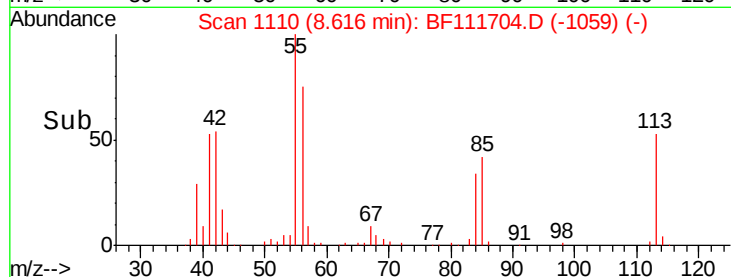
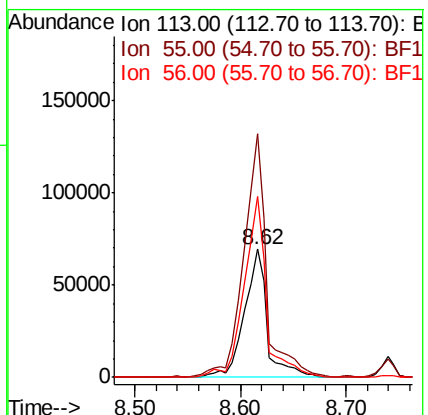
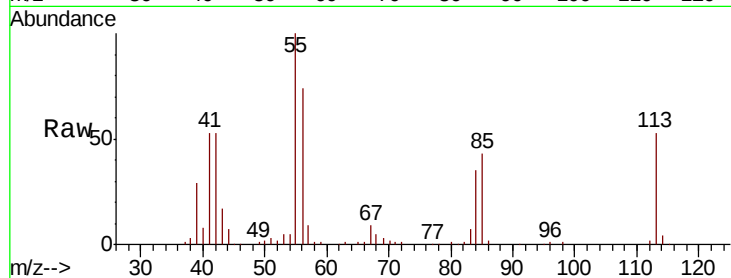




#35
 Caprolactam
 Concen: 39.065 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

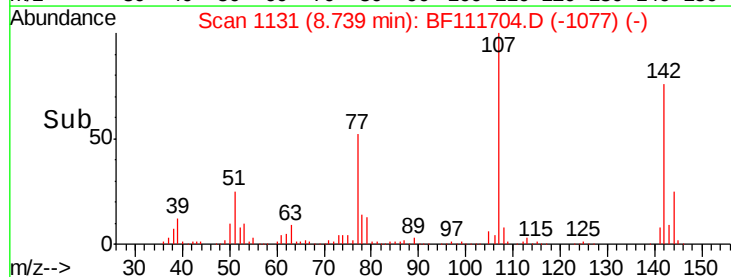
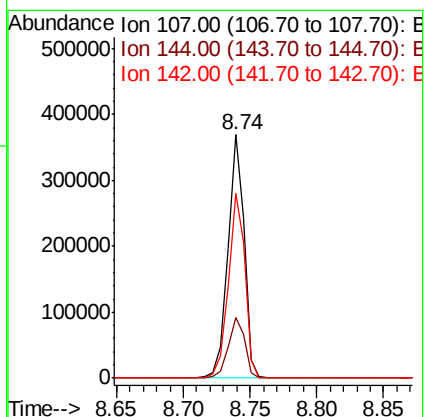
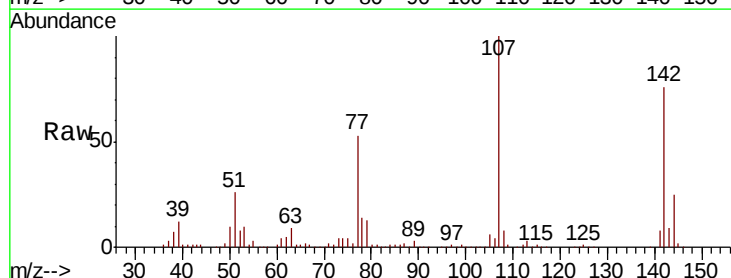
Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

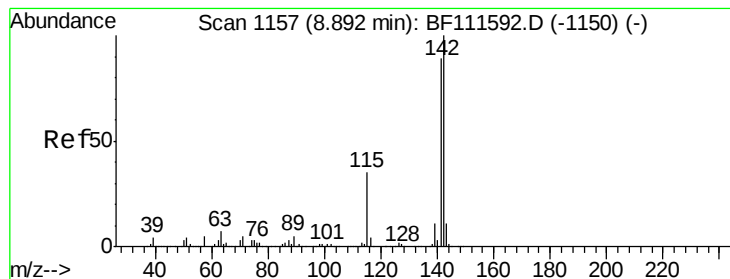
Tgt Ion:113 Resp: 103089
 Ion Ratio Lower Upper
 113 100
 55 189.8 184.1 224.1
 56 141.1 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.455 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion:107 Resp: 317355
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.6
 142 75.9 62.3 93.5





#37

2-Methylnaphthalene

Concen: 47.586 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleID :

PB115917BS

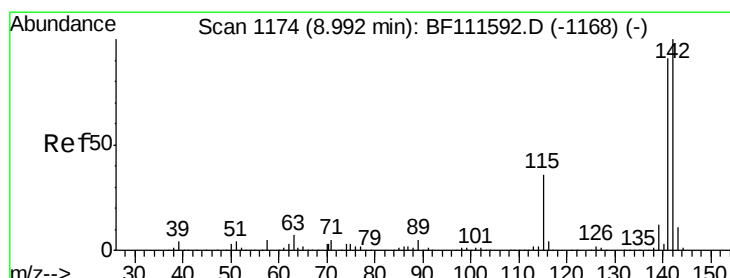
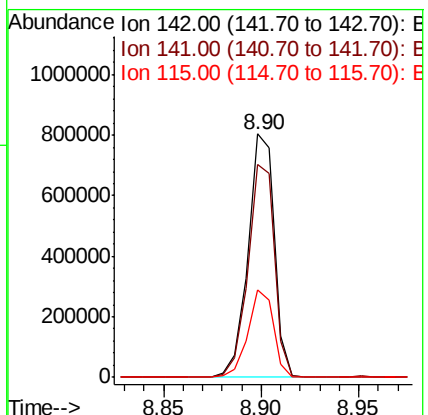
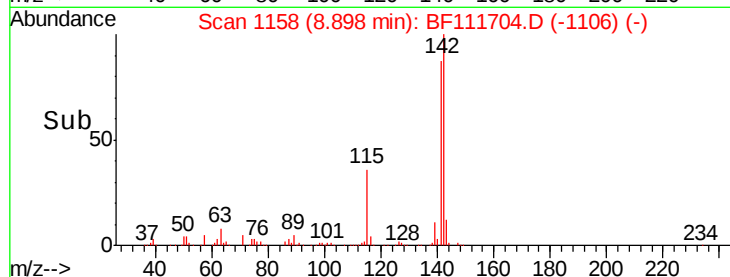
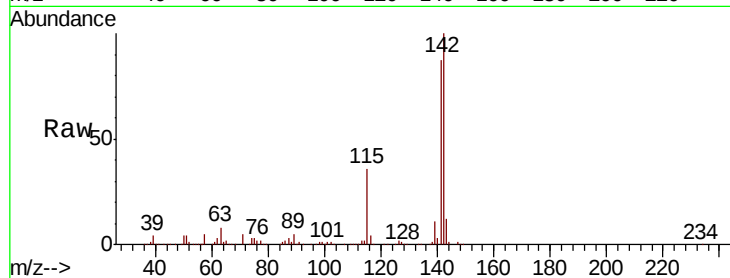
Tgt Ion:142 Resp: 748194

Ion Ratio Lower Upper

142 100

141 87.3 70.6 105.8

115 35.8 27.0 40.6



#38

1-Methylnaphthalene

Concen: 46.663 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

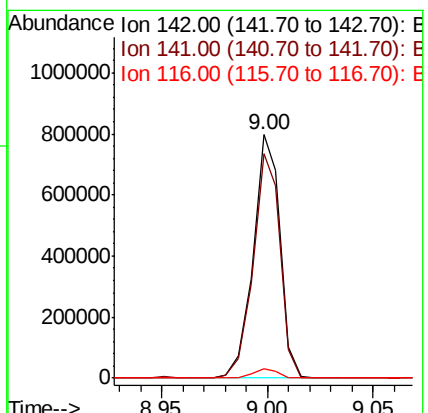
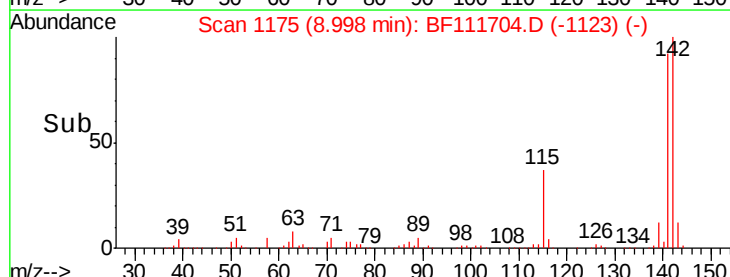
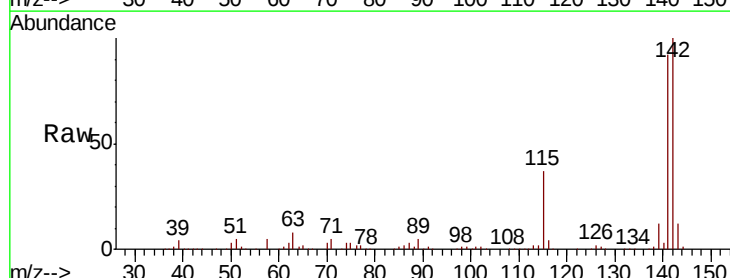
Tgt Ion:142 Resp: 704640

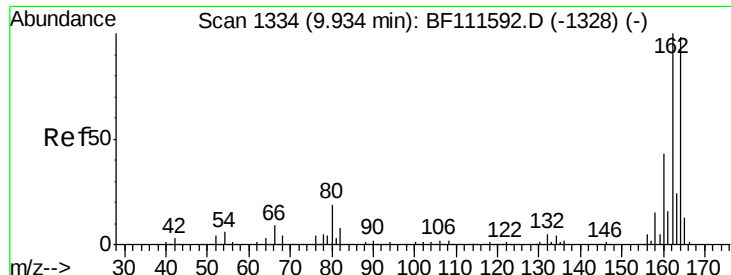
Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

116 4.0 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

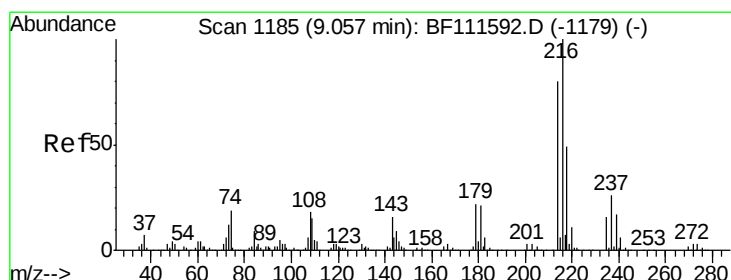
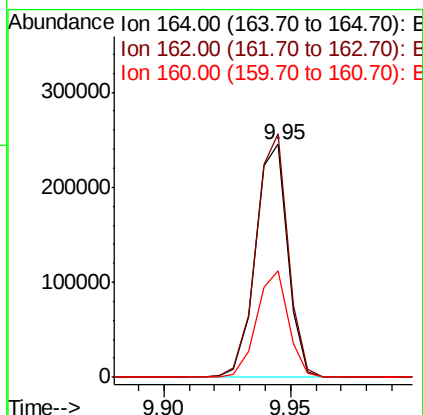
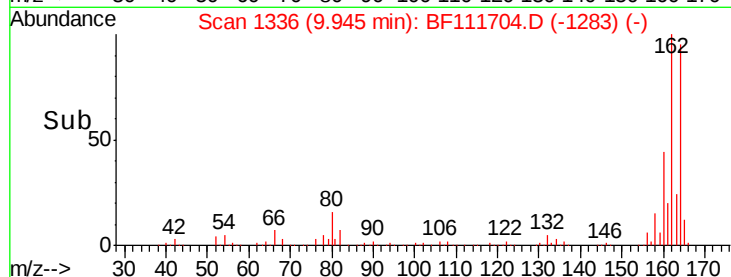
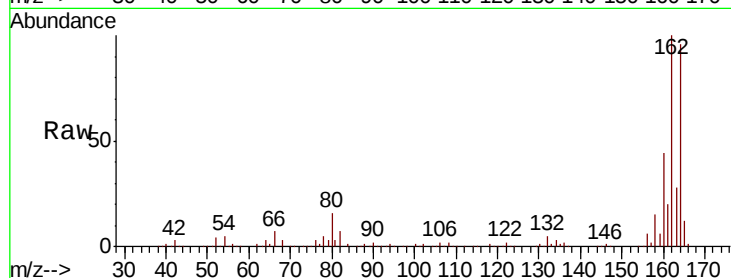
Tgt Ion:164 Resp: 217228

Ion Ratio Lower Upper

164 100

162 104.5 81.4 122.0

160 45.9 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.297 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Tgt Ion:216 Resp: 359025

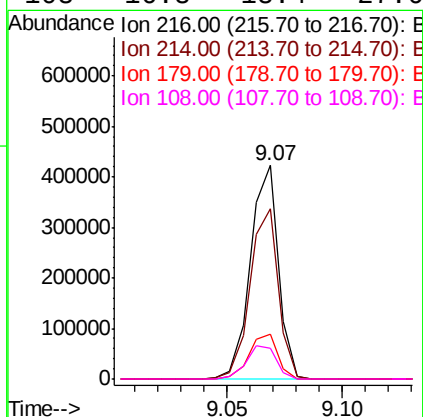
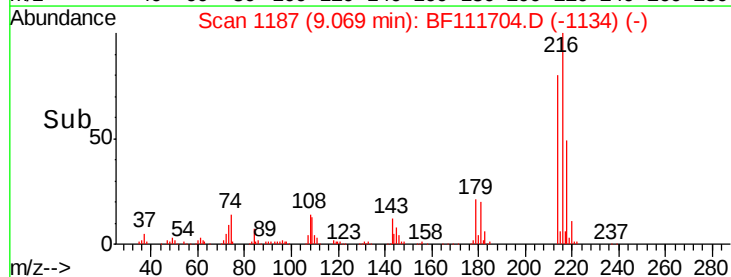
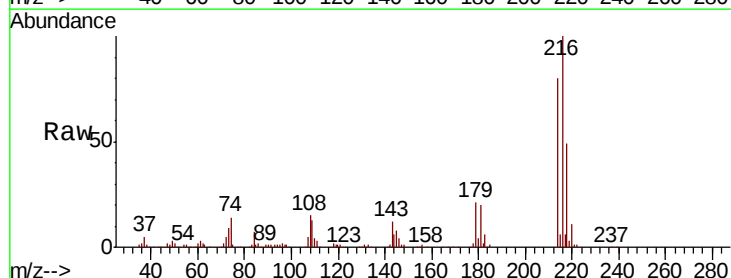
Ion Ratio Lower Upper

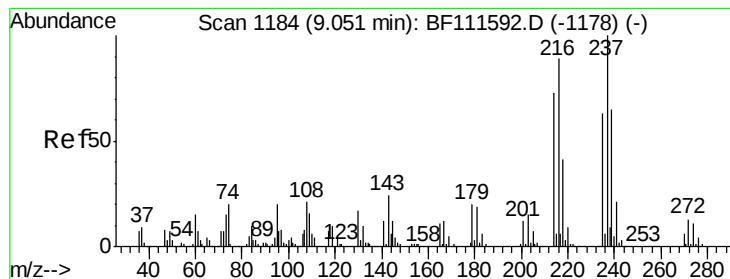
216 100

214 80.7 63.8 95.8

179 21.4 17.9 26.9

108 16.8 18.4 27.6#





#41

Hexachlorocyclopentadiene

Concen: 6.186 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleID :

PB115917BS

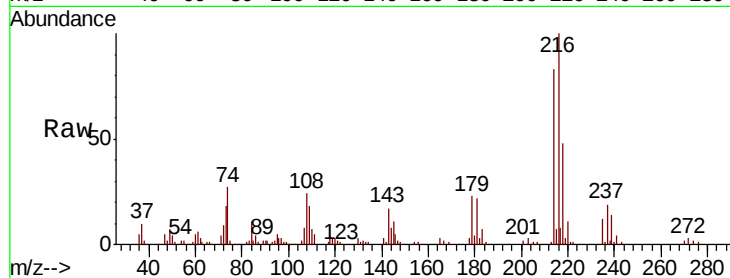
Tgt Ion: 237 Resp: 21428

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

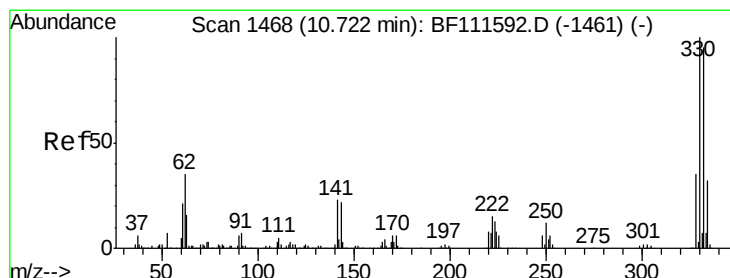
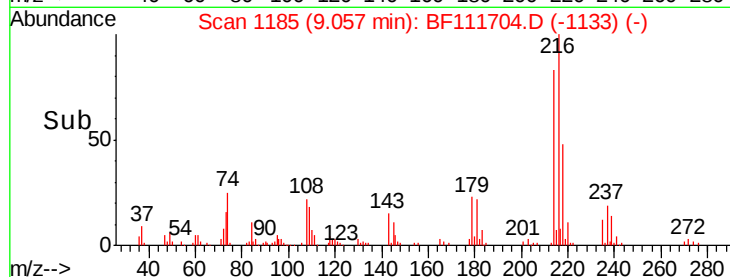
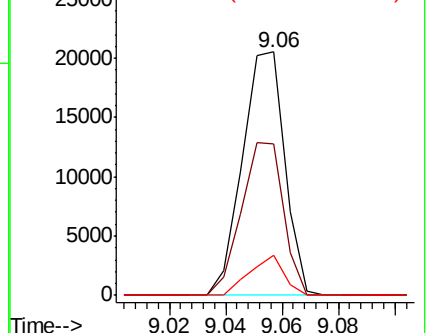
272 16.4 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 143.685 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

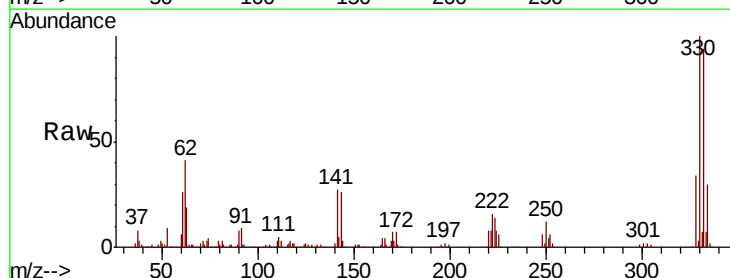
Tgt Ion: 330 Resp: 368799

Ion Ratio Lower Upper

330 100

332 95.8 76.0 114.0

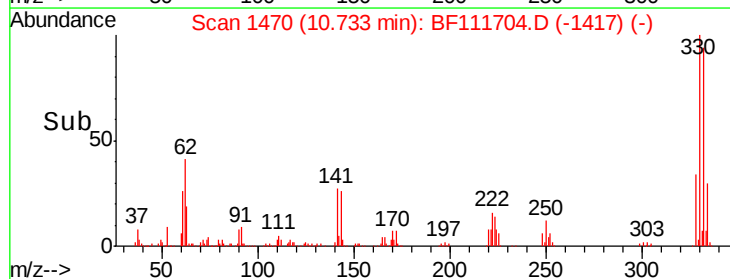
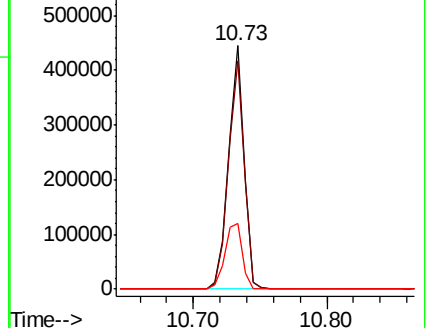
141 30.2 31.0 46.6#

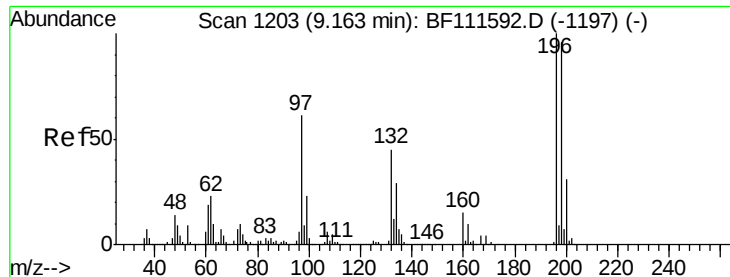


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

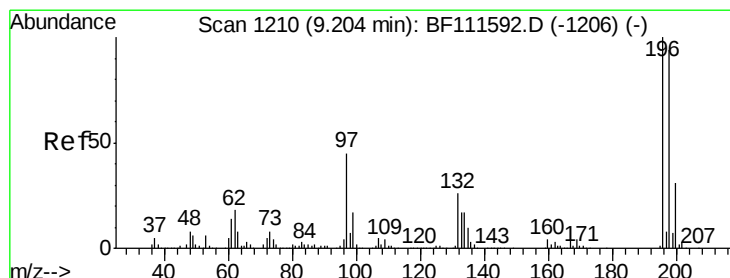
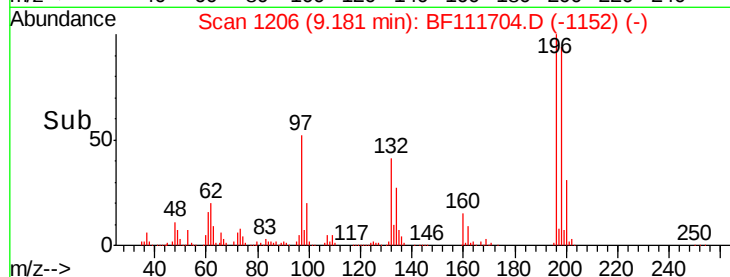
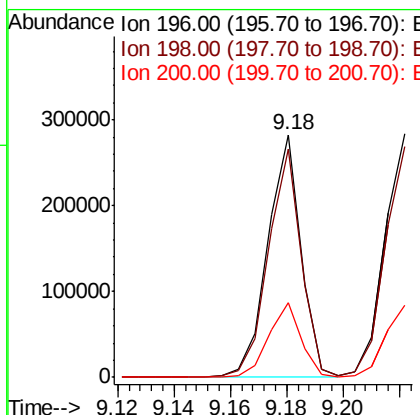
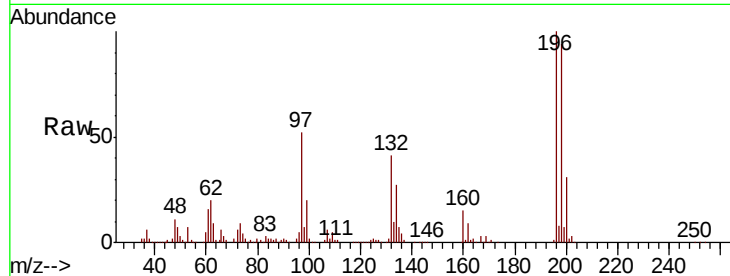




#43
 2,4,6-Trichlorophenol
 Concen: 48.409 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

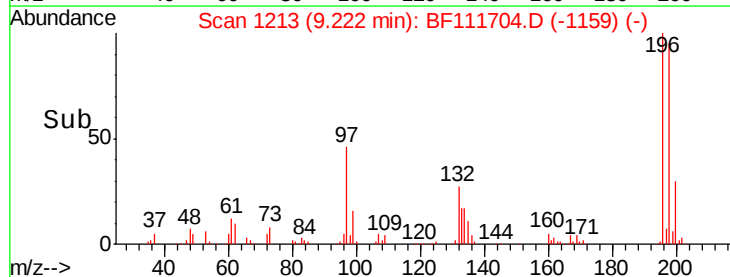
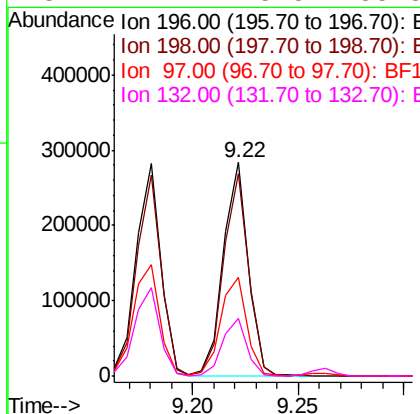
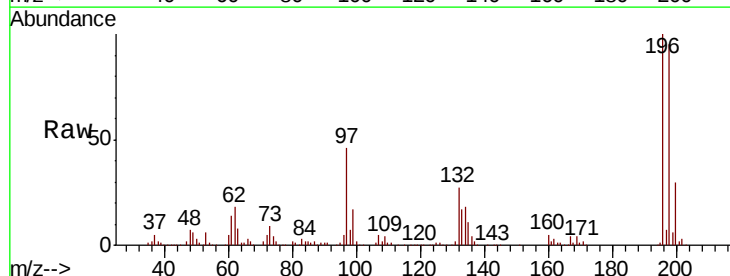
Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

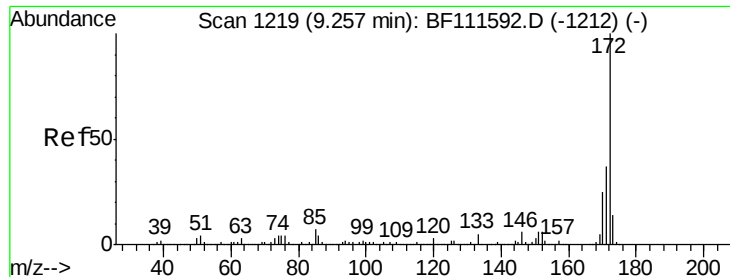
Tgt Ion:196 Resp: 230704
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.131 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion:196 Resp: 230433
 Ion Ratio Lower Upper
 196 100
 198 95.0 72.9 109.3
 97 46.2 45.3 67.9
 132 27.2 25.5 38.3

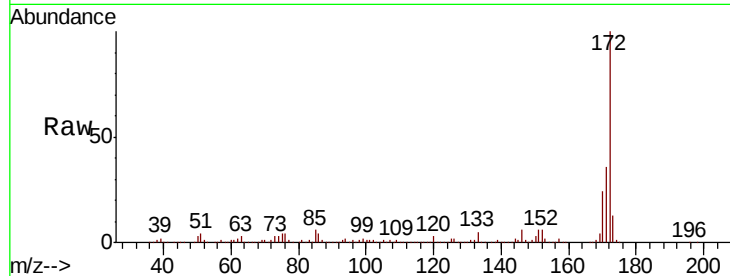




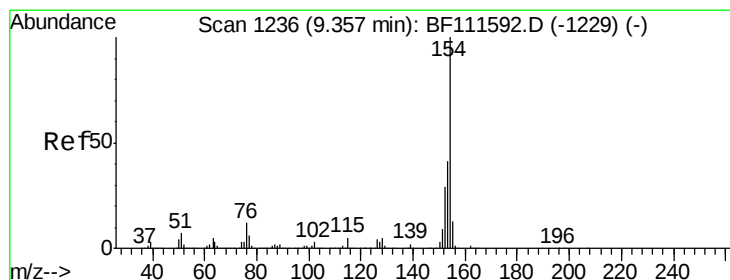
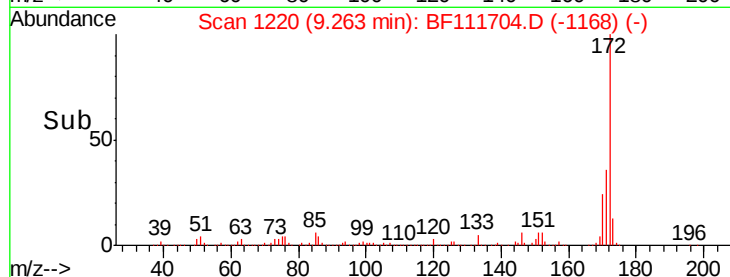
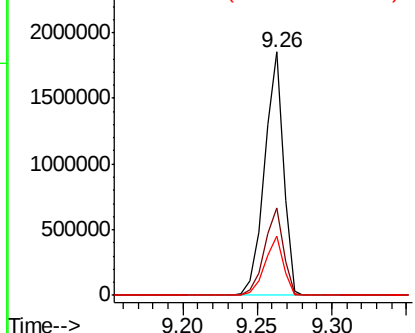
#45
2-Fluorobiphenyl
Concen: 107.225 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tgt Ion:172 Resp: 1598021
Ion Ratio Lower Upper
172 100
171 35.9 33.0 49.4
170 24.5 22.3 33.5

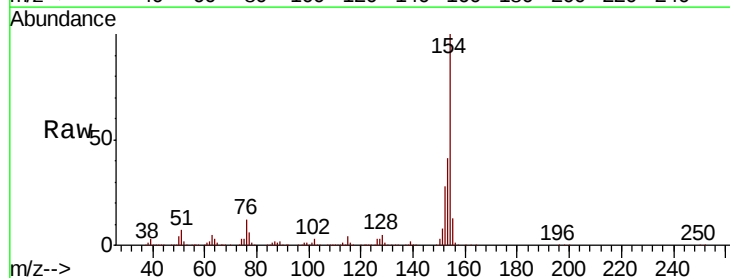


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

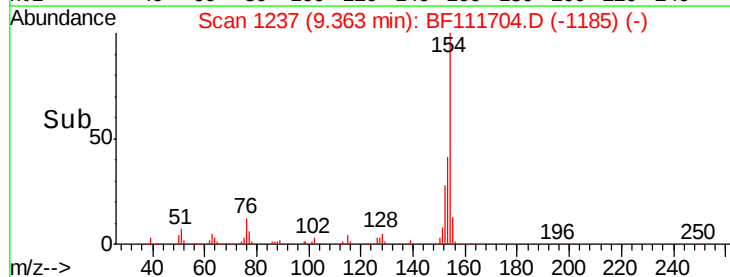
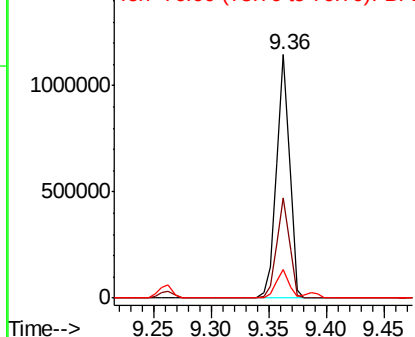


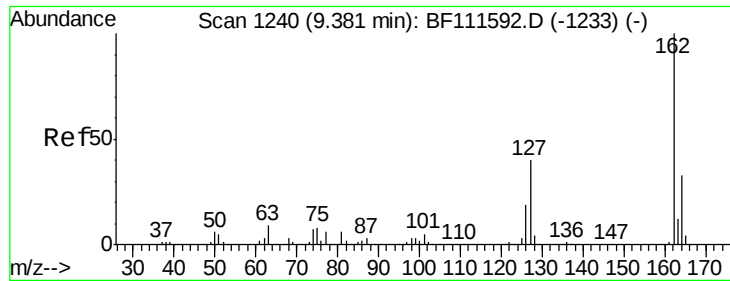
#46
1,1'-Biphenyl
Concen: 49.159 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion:154 Resp: 901448
Ion Ratio Lower Upper
154 100
153 41.1 23.7 63.7
76 11.7 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

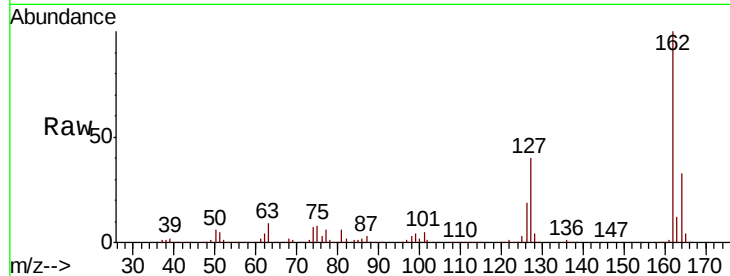




#47
 2-Chloronaphthalene
 Concen: 47.047 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	35.0	52.4
164	33.3	28.4	42.6

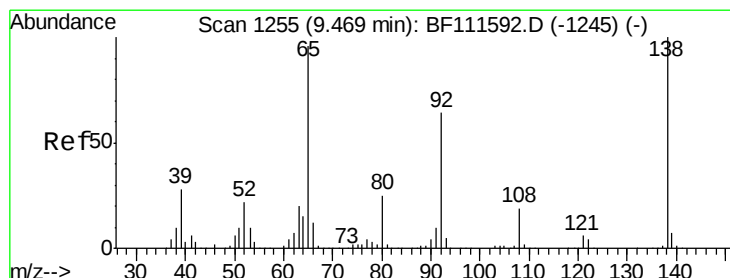
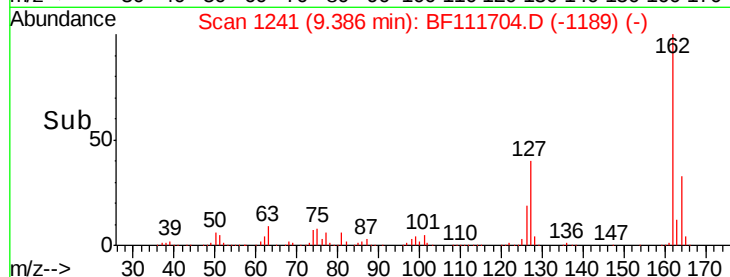
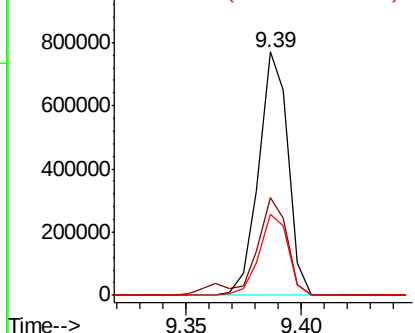


Abundance

Ion 162.00 (161.70 to 162.70): E

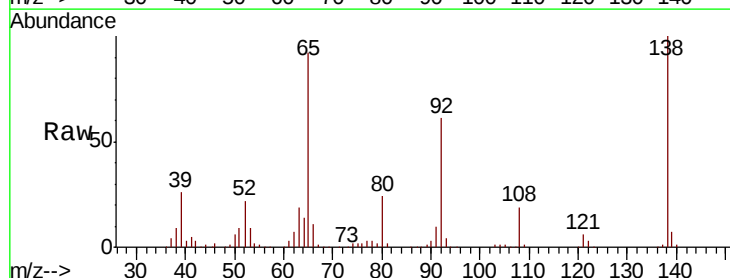
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 57.650 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.5	80.3
138	109.2	80.9	121.3

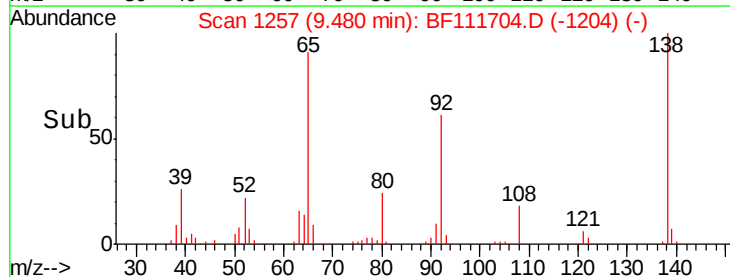
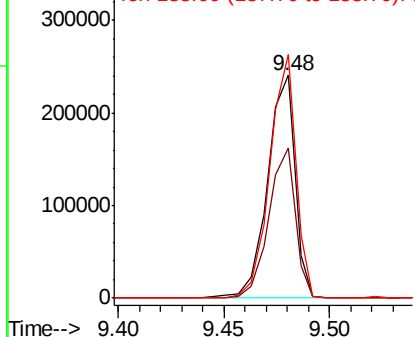


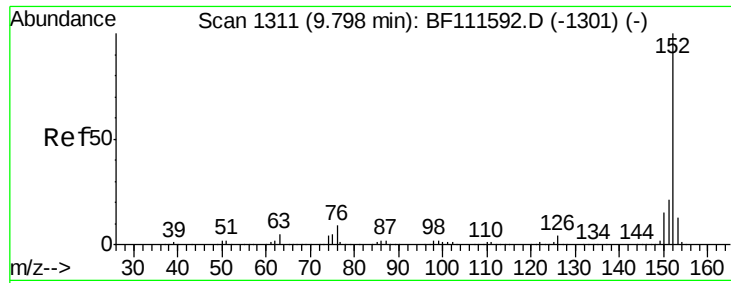
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.062 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

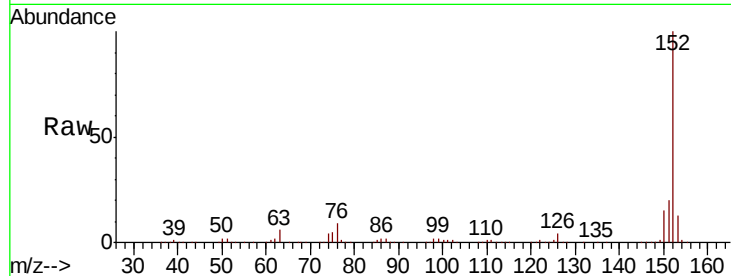
Tgt Ion:152 Resp: 1061932

Ion Ratio Lower Upper

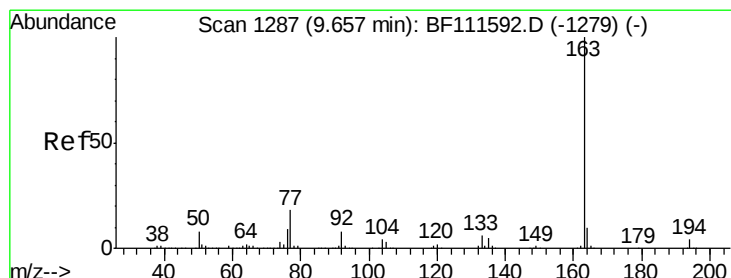
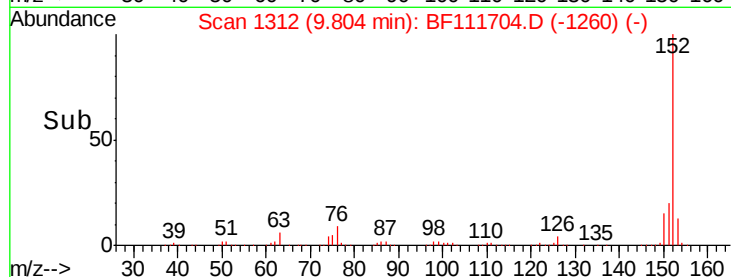
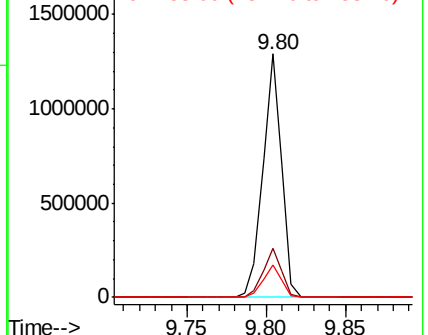
152 100

151 20.0 18.0 27.0

153 13.4 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.681 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

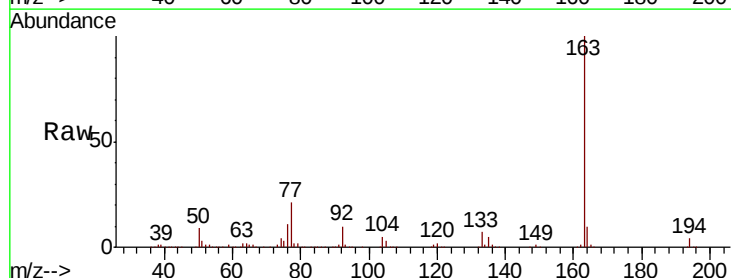
Tgt Ion:163 Resp: 820961

Ion Ratio Lower Upper

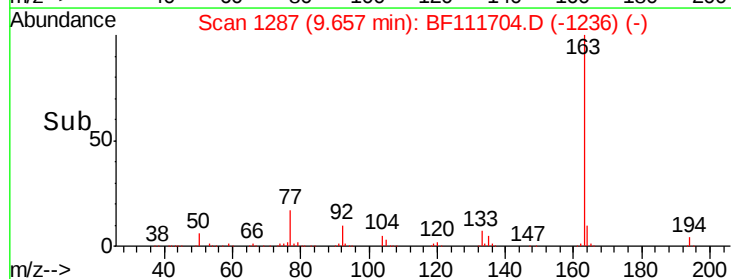
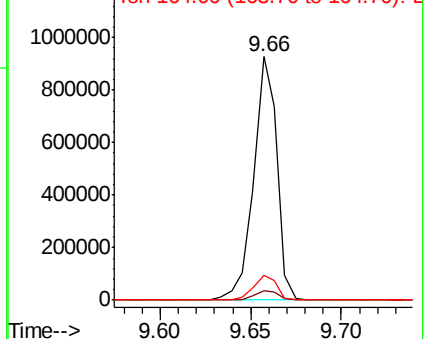
163 100

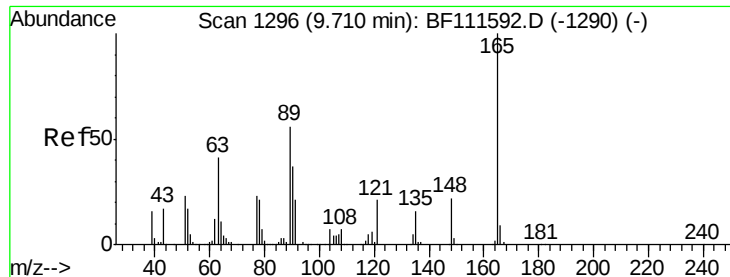
194 4.0 3.0 4.6

164 10.2 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

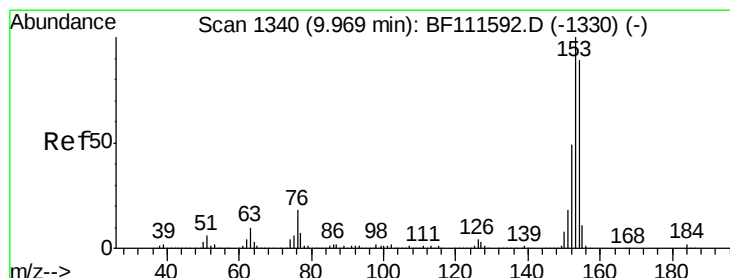
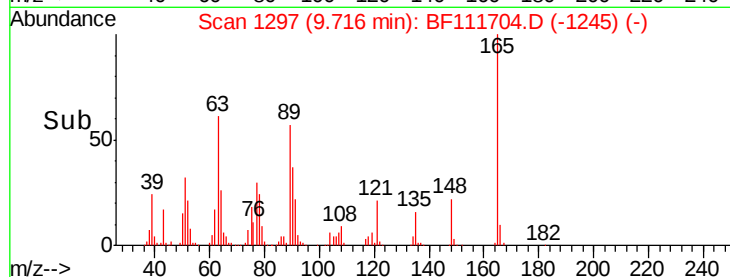
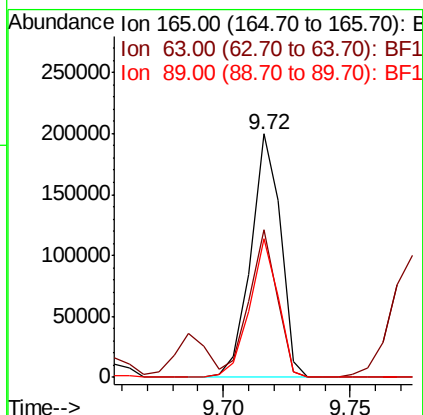
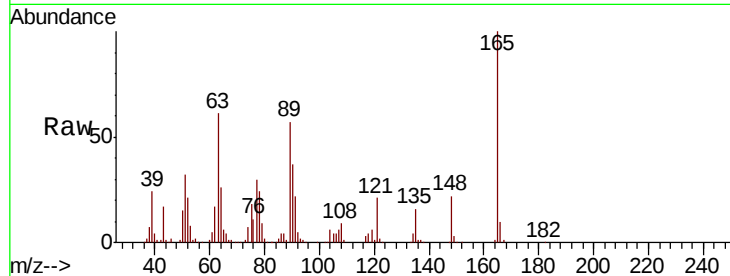




#51
2,6-Dinitrotoluene
Concen: 51.592 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

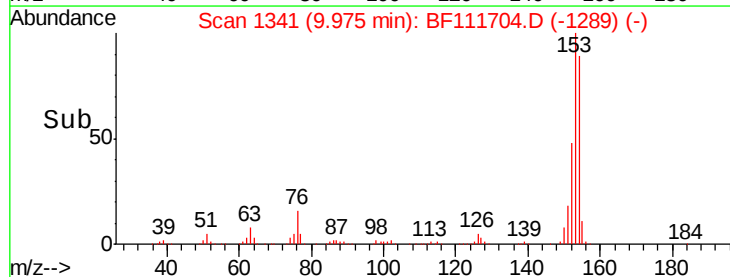
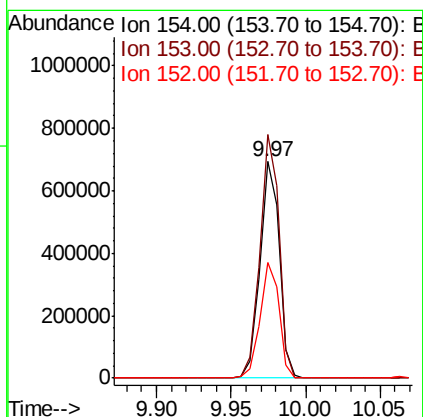
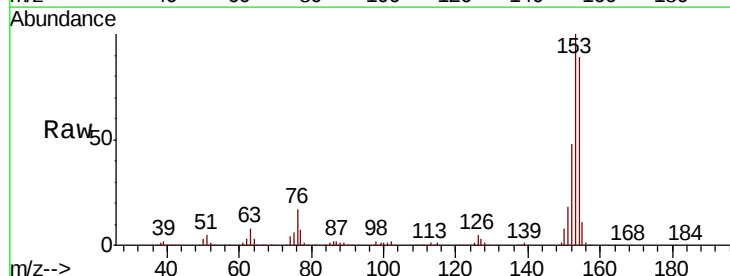
Instrument :
BNA_F
ClientSampleId :
PB115917BS

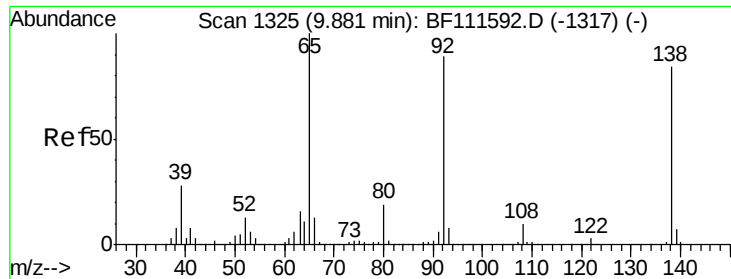
Tgt Ion:165 Resp: 163418
Ion Ratio Lower Upper
165 100
63 60.8 40.5 60.7#
89 56.7 40.0 60.0



#52
Acenaphthene
Concen: 46.683 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion:154 Resp: 610756
Ion Ratio Lower Upper
154 100
153 112.7 87.8 131.8
152 53.5 43.4 65.2

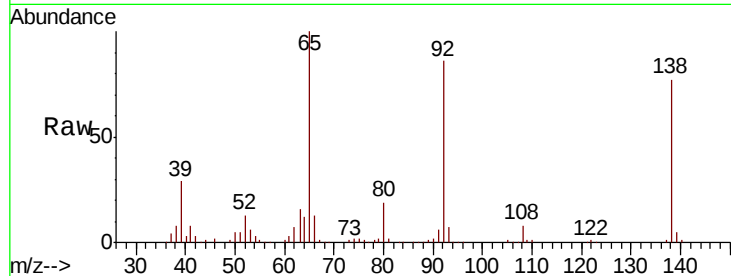




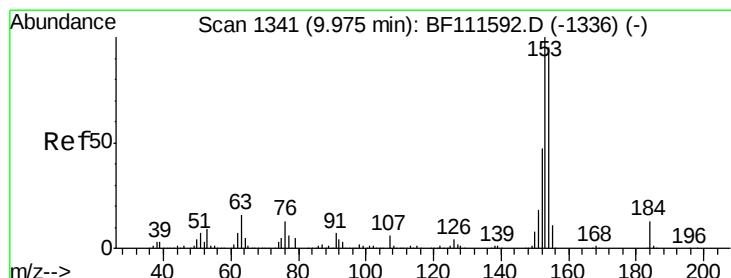
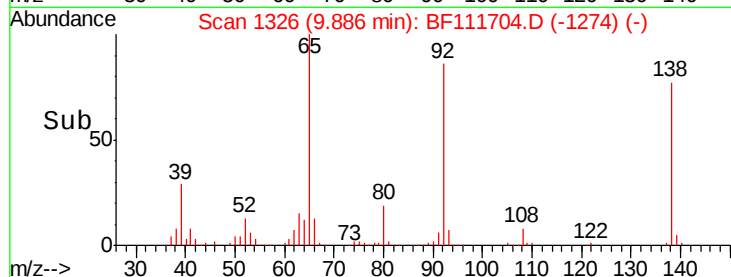
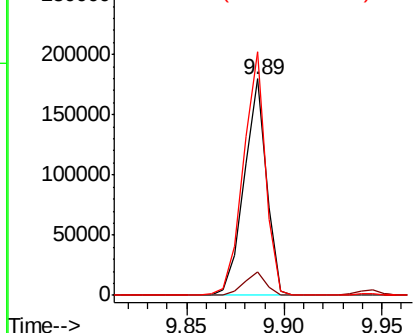
#53
3-Nitroaniline
Concen: 42.363 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tgt Ion:138 Resp: 143109
Ion Ratio Lower Upper
138 100
108 11.0 8.2 12.4
92 112.5 93.4 140.2

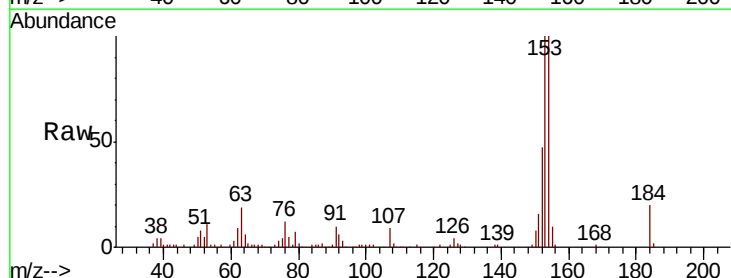


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

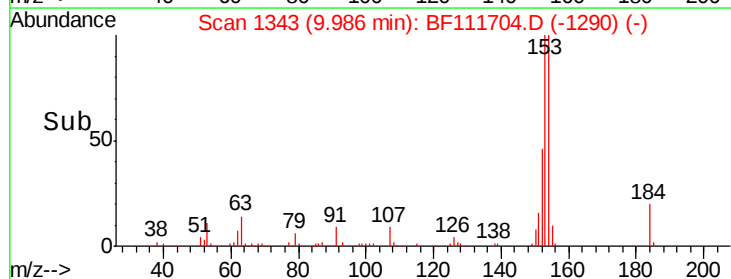
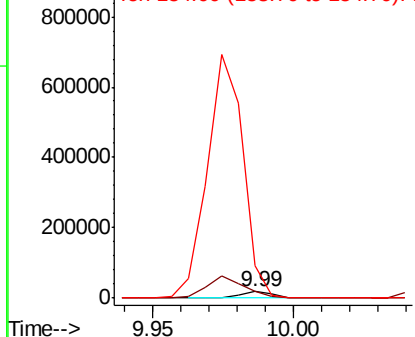


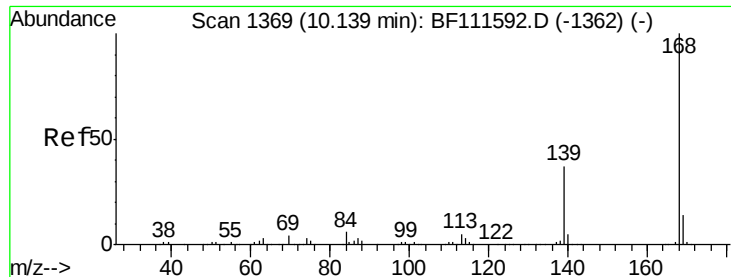
#54
2,4-Dinitrophenol
Concen: 19.944 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion:184 Resp: 14137
Ion Ratio Lower Upper
184 100
63 99.2 62.3 93.5#
154 507.5 56.2 84.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 46.978 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

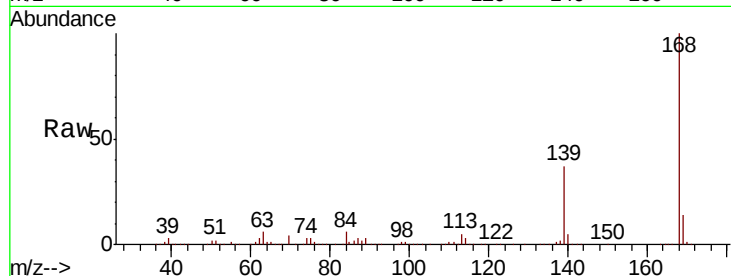
Tgt Ion:168 Resp: 928562

Ion Ratio Lower Upper

168 100

139 37.0 32.6 49.0

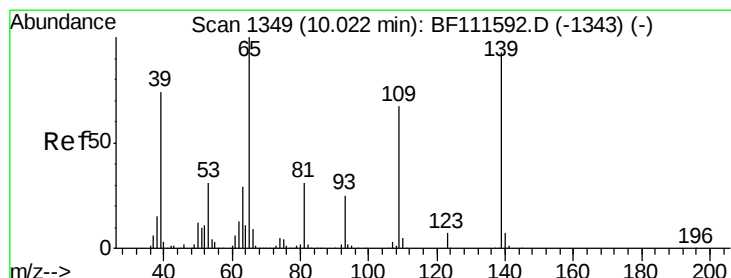
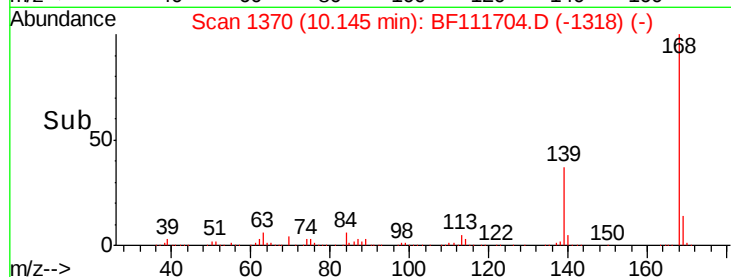
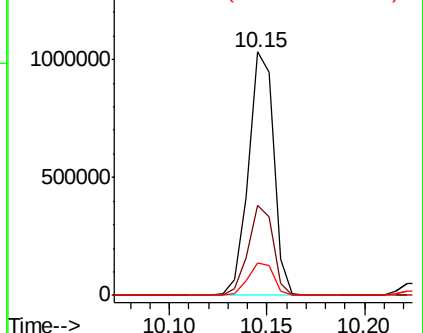
169 13.6 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 95.501 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.04 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

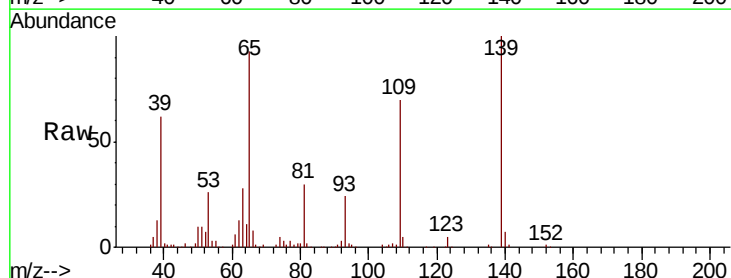
Tgt Ion:139 Resp: 246205

Ion Ratio Lower Upper

139 100

109 70.2 41.8 81.8

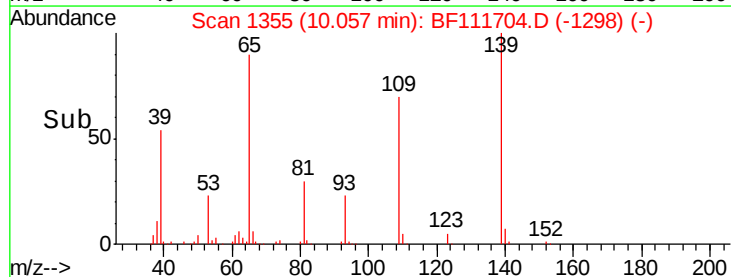
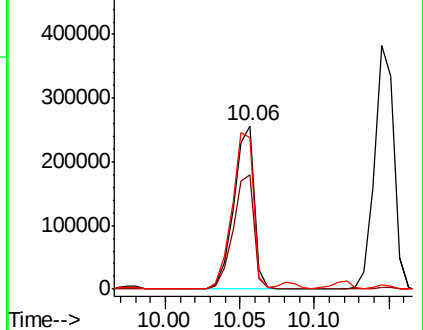
65 92.6 79.6 119.6

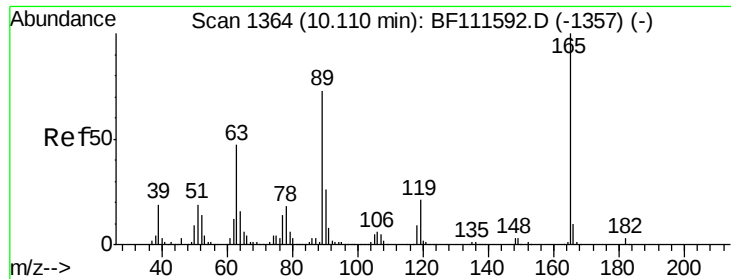


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

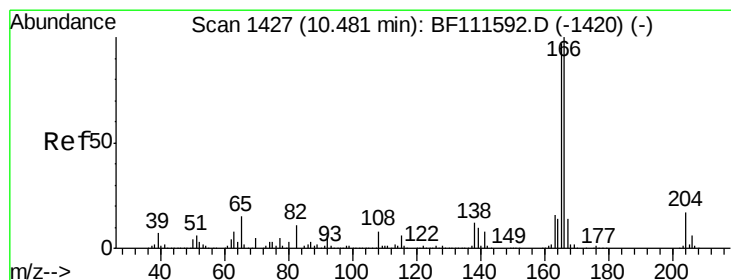
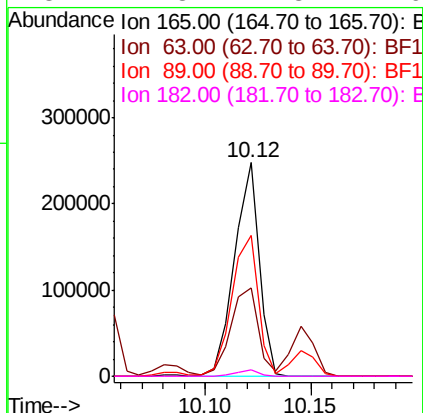
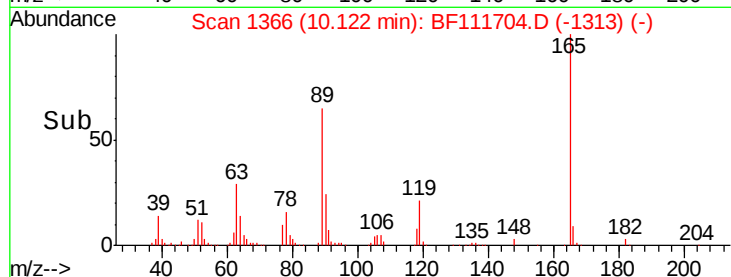
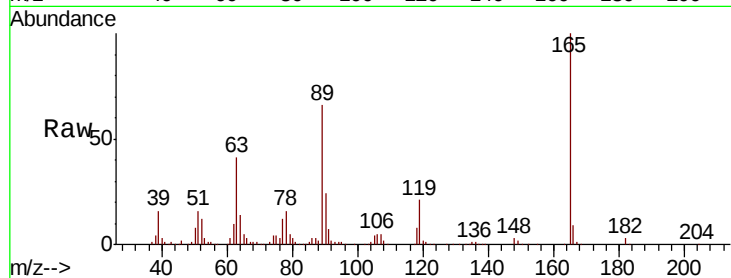




#57
2,4-Dinitrotoluene
Concen: 52.578 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

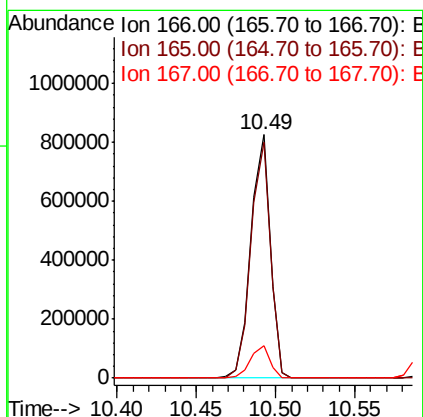
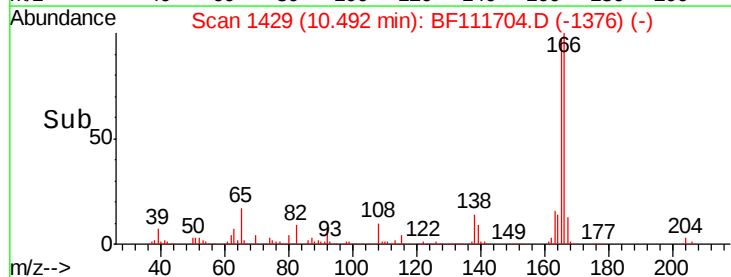
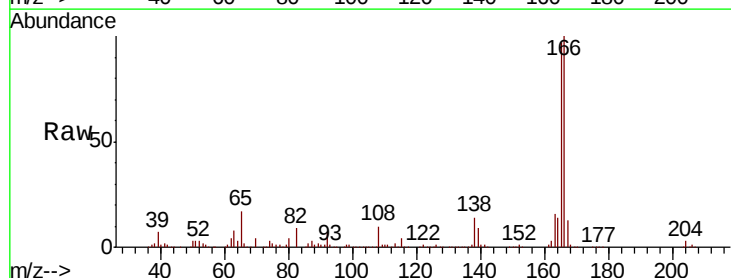
Instrument :
BNA_F
ClientSampleId :
PB115917BS

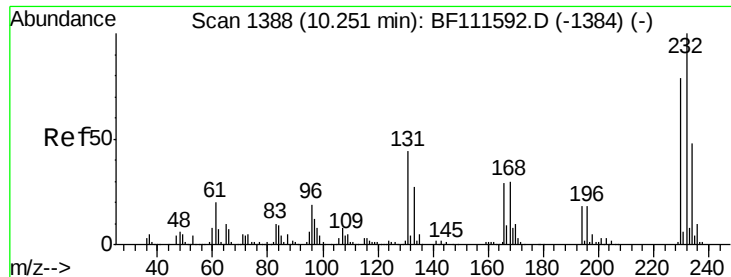
Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.3	34.6	52.0
89	65.7	56.2	84.4
182	2.8	1.8	2.6



#58
Fluorene
Concen: 49.281 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.4	117.6
167	13.1	11.2	16.8

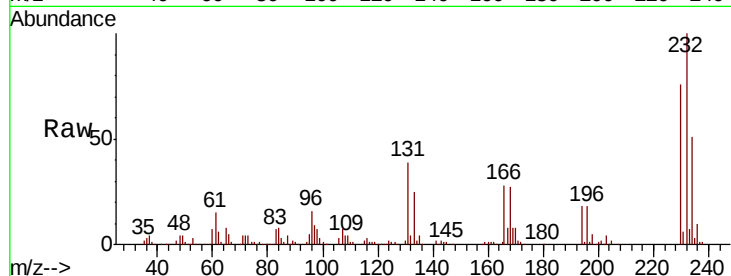




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.772 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.9	40.9	61.3
130	2.2	2.0	3.0
166	28.2	26.8	40.2



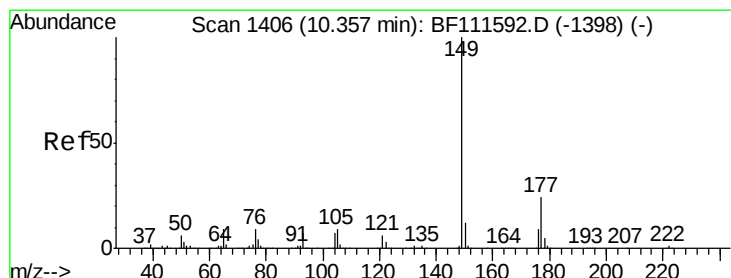
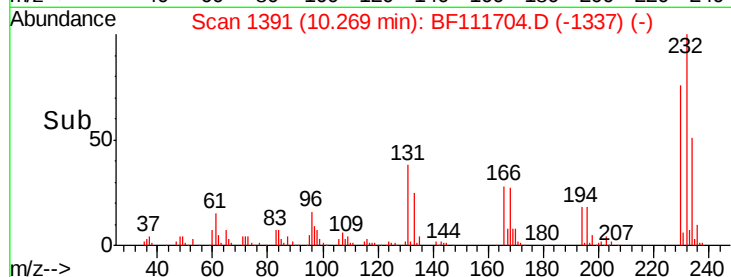
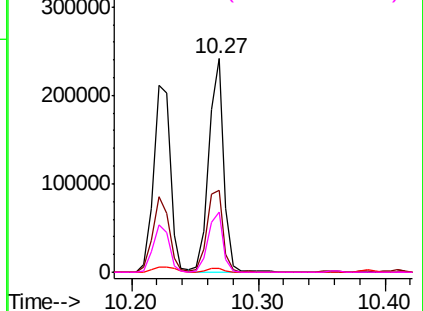
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

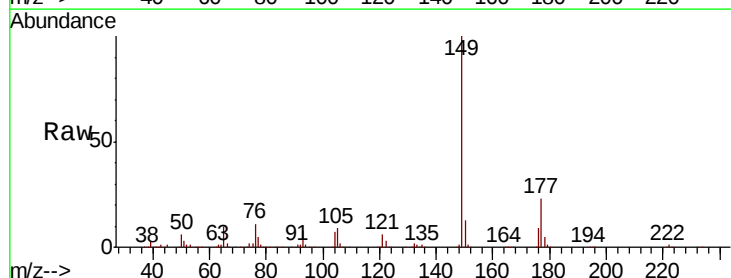
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.391 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.8	10.6	15.8

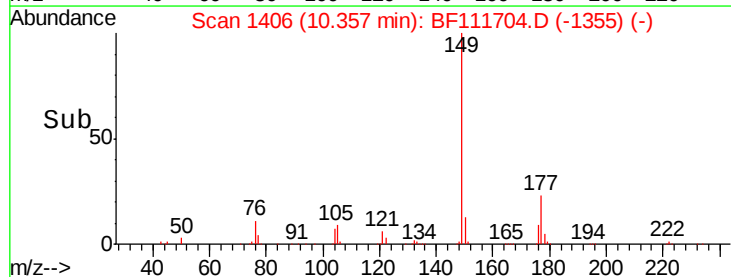
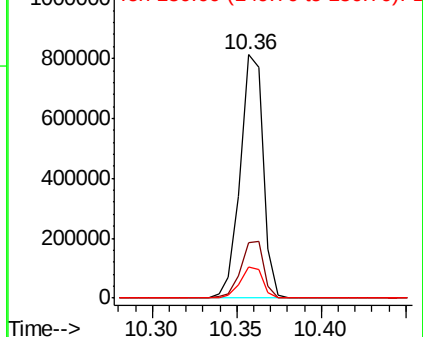


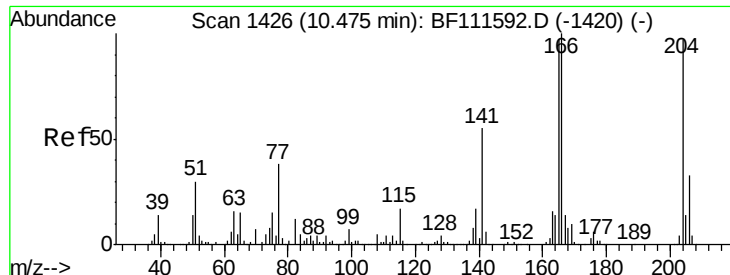
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

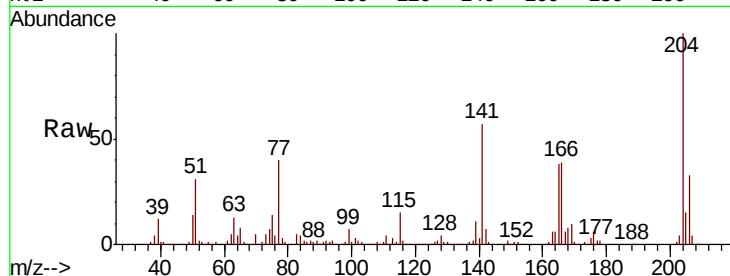




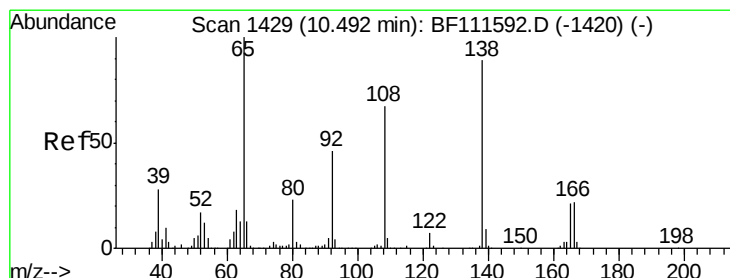
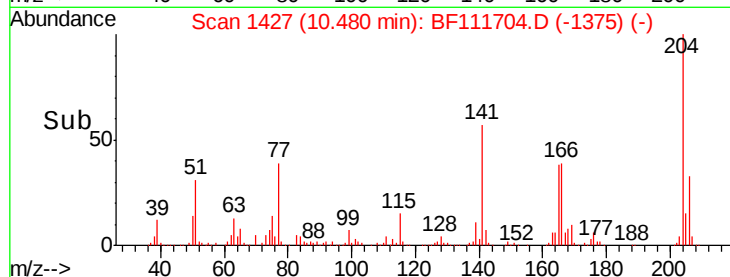
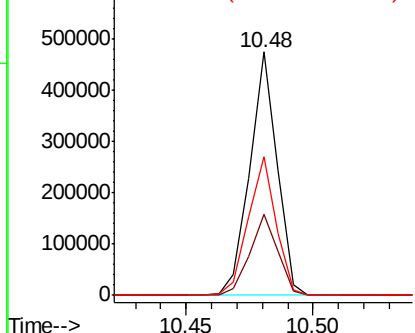
#61
 4-Chlorophenyl-phenylether
 Concen: 45.427 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

Tgt Ion:204 Resp: 357466
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.6 39.8
 141 57.0 52.6 78.8

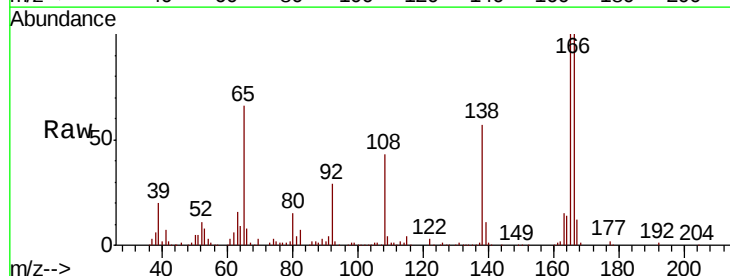


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

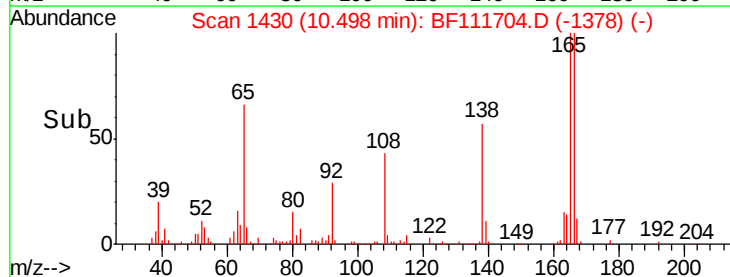
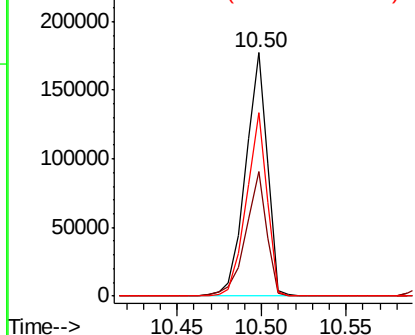


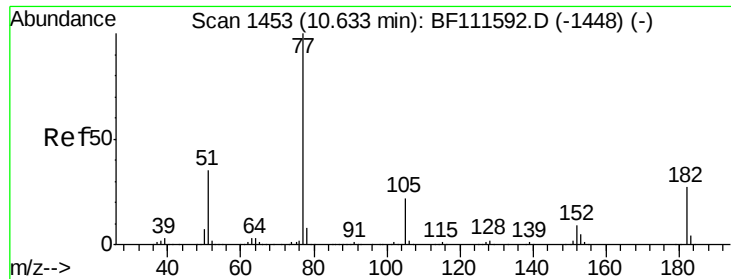
#62
 4-Nitroaniline
 Concen: 48.827 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion:138 Resp: 160312
 Ion Ratio Lower Upper
 138 100
 92 50.9 29.9 69.9
 108 75.4 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.471 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

Tgt Ion: 77 Resp: 680045

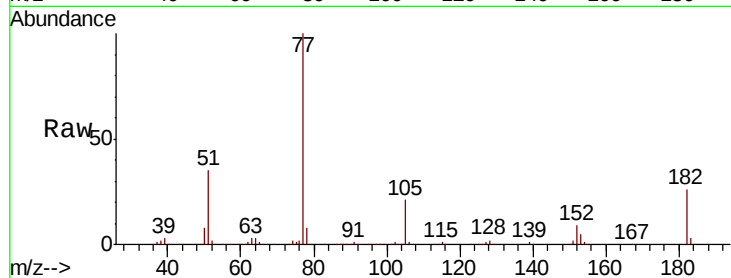
Ion Ratio Lower Upper

77 100

182 25.9 4.9 44.9

105 20.7 6.0 46.0

51 34.7 14.7 54.7

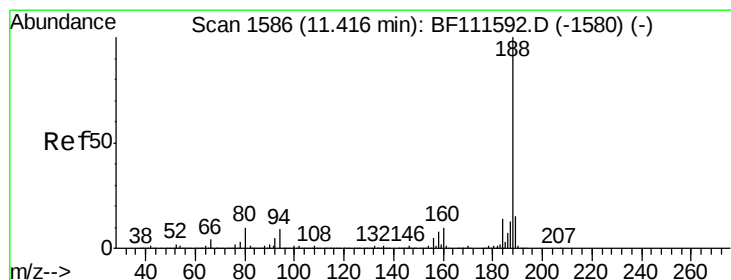
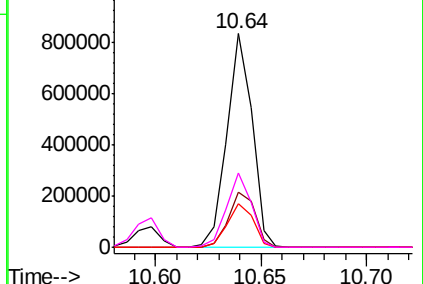
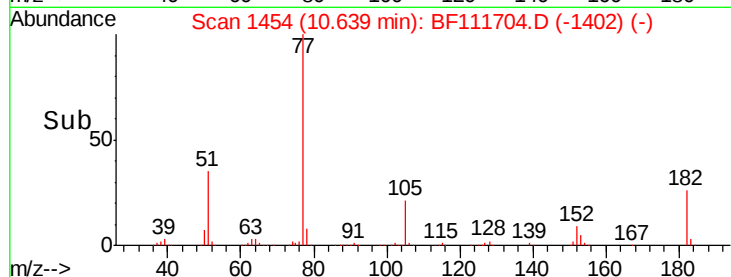


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

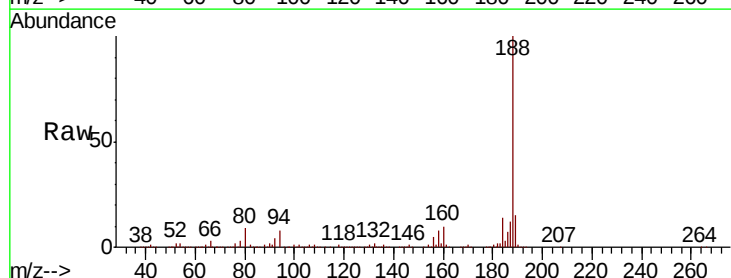
Tgt Ion: 188 Resp: 380363

Ion Ratio Lower Upper

188 100

94 8.3 9.6 14.4#

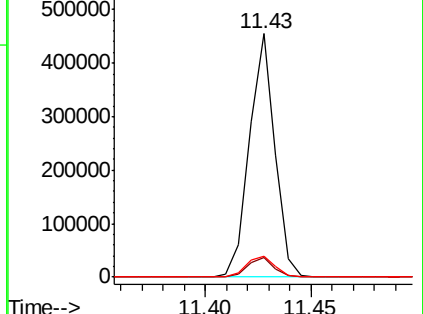
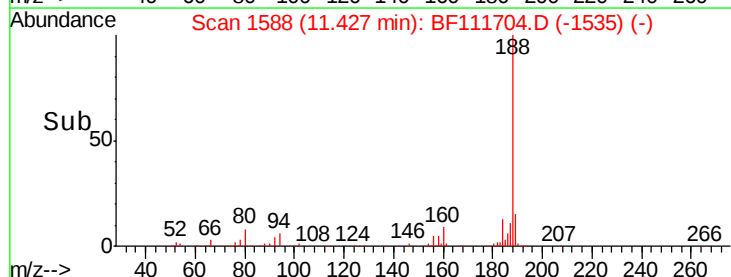
80 8.7 9.8 14.6#

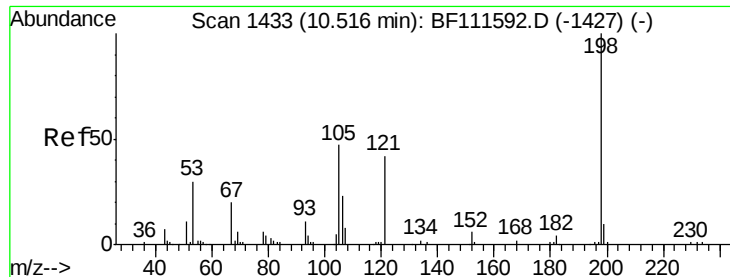


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 14.263 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

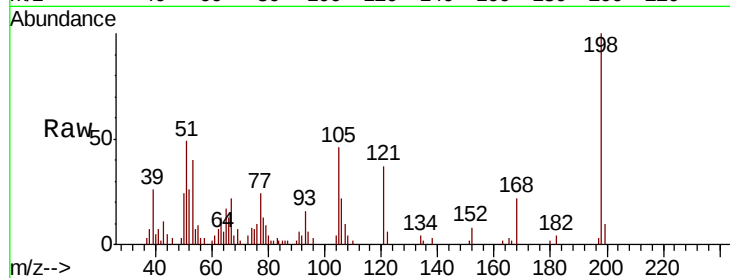
Tgt Ion:198 Resp: 13828

Ion Ratio Lower Upper

198 100

51 49.3 48.0 88.0

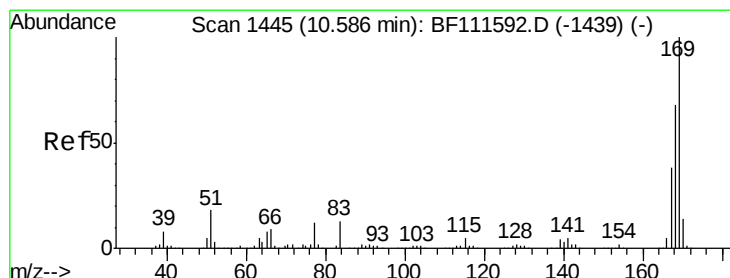
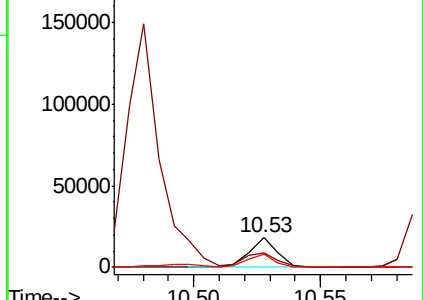
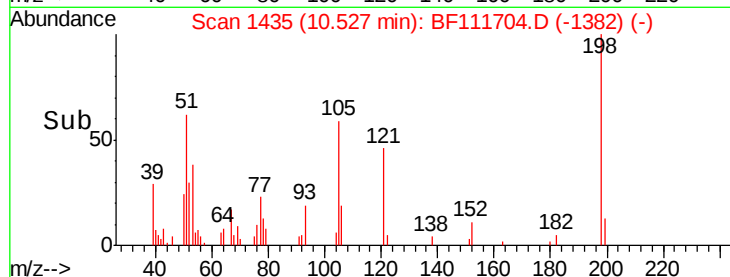
105 45.8 34.0 74.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.453 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

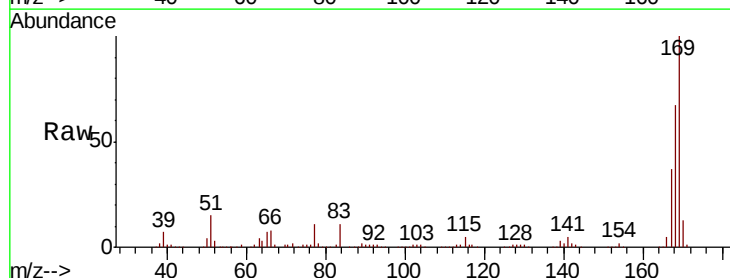
Tgt Ion:169 Resp: 618656

Ion Ratio Lower Upper

169 100

168 66.8 54.4 81.6

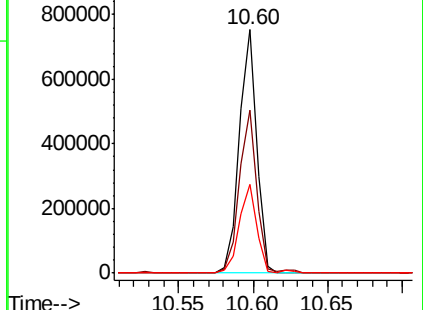
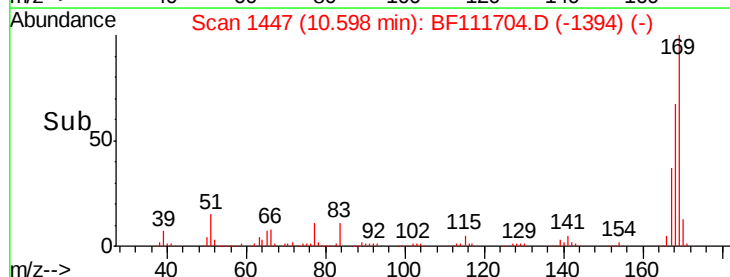
167 36.7 30.5 45.7

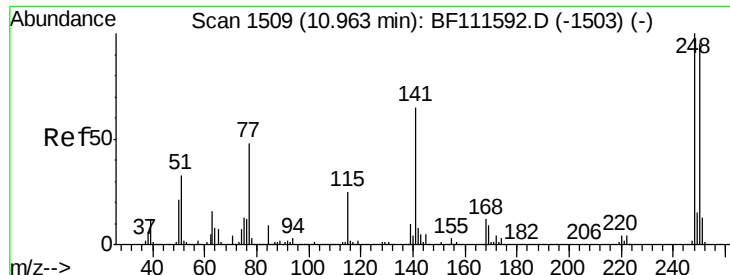


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

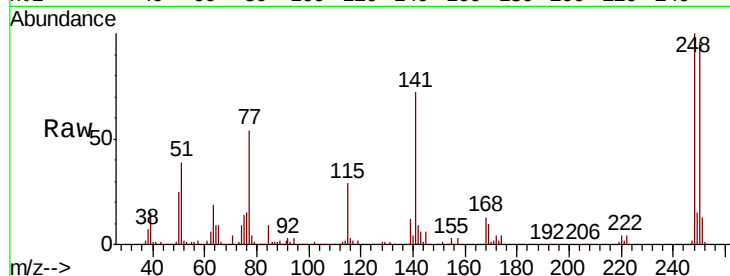




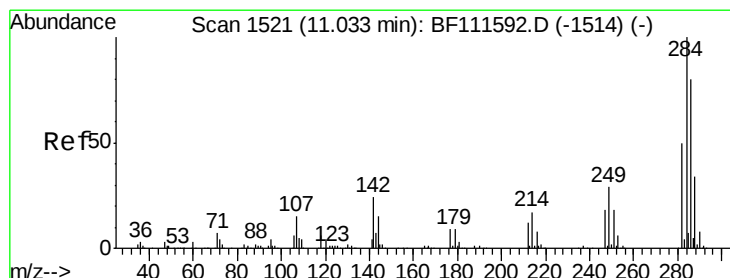
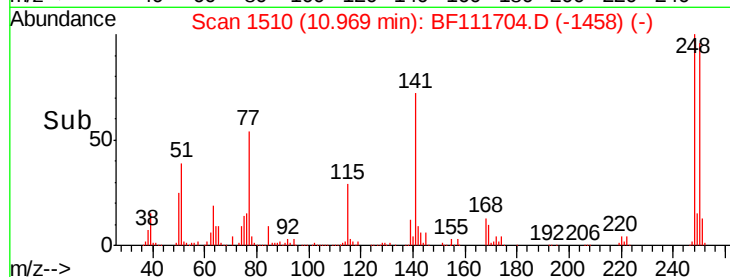
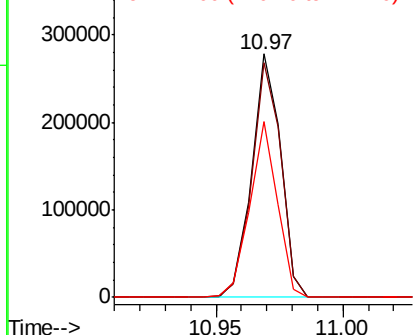
#67
 4-Bromophenyl-phenylether
 Concen: 46.943 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

Tgt Ion: 248 Resp: 221466
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.0 115.4
 141 72.4 63.0 94.6

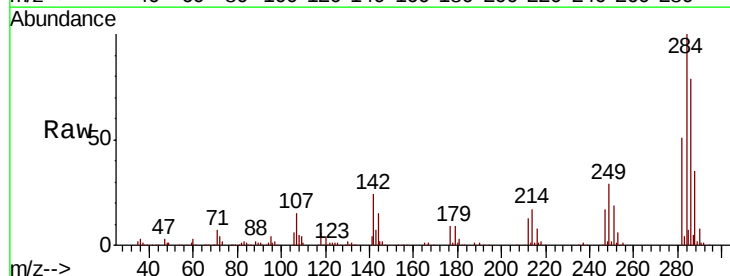


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

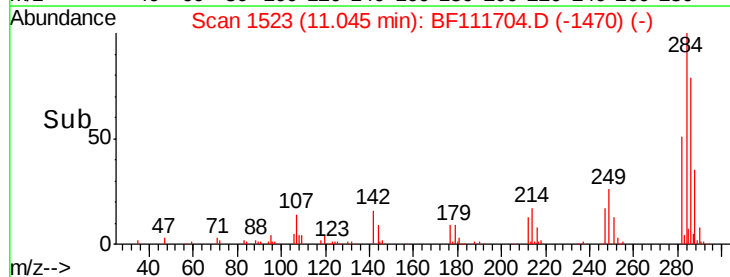
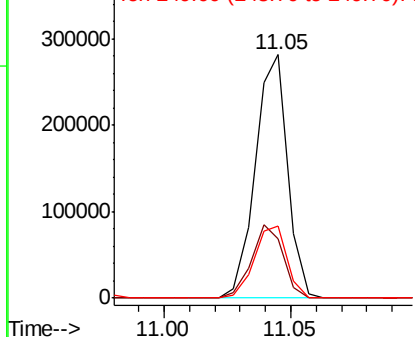


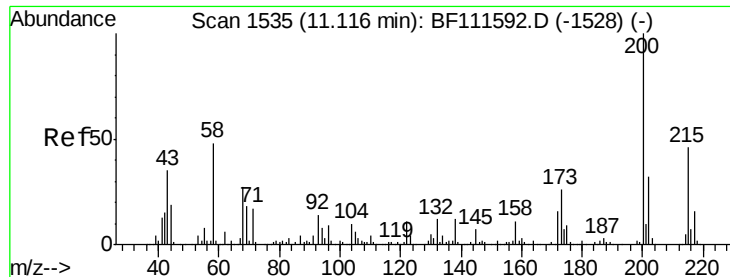
#68
 Hexachlorobenzene
 Concen: 47.284 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion: 284 Resp: 248722
 Ion Ratio Lower Upper
 284 100
 142 24.3 27.4 41.2#
 249 29.4 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.040 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

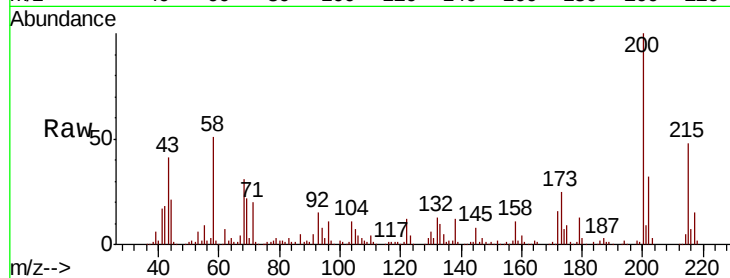
Tgt Ion:200 Resp: 199782

Ion Ratio Lower Upper

200 100

173 25.5 10.1 50.1

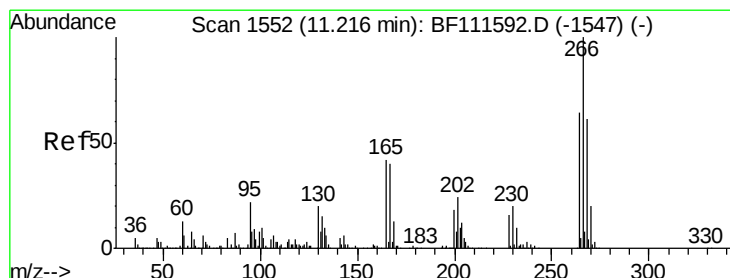
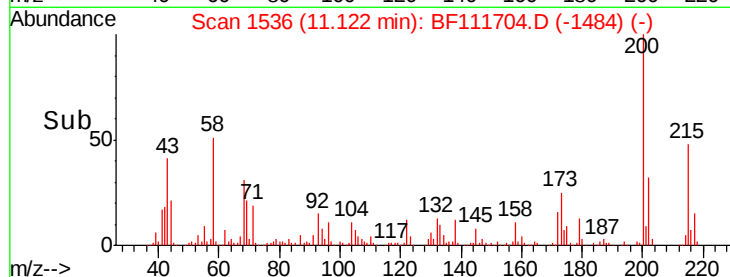
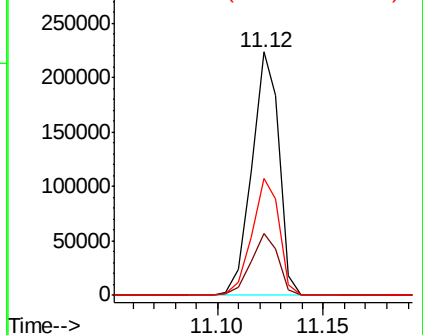
215 47.9 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.795 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

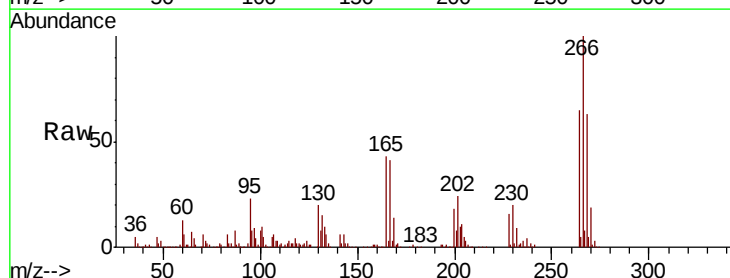
Tgt Ion:266 Resp: 252983

Ion Ratio Lower Upper

266 100

268 63.0 47.9 71.9

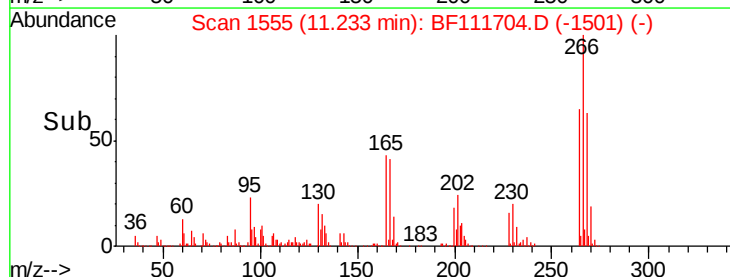
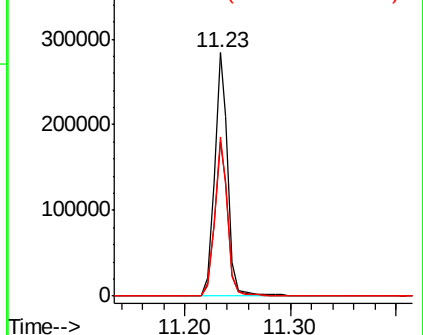
264 65.3 49.1 73.7

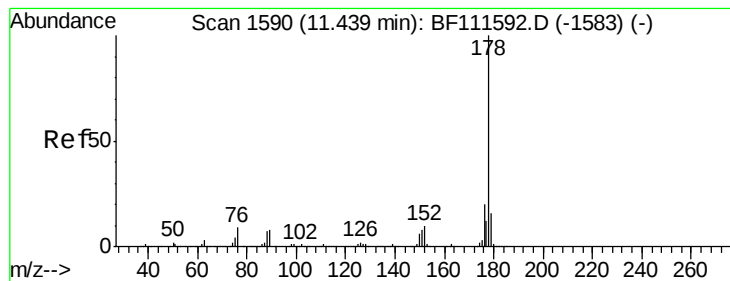


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.906 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

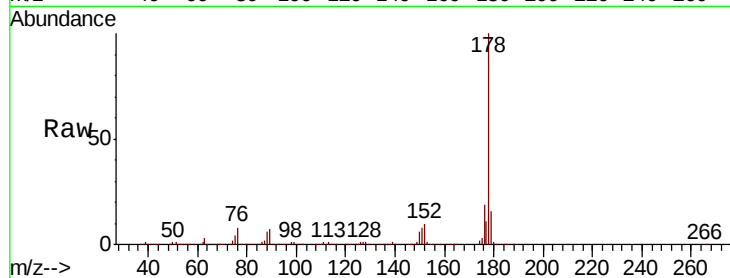
Tgt Ion:178 Resp: 1026879

Ion Ratio Lower Upper

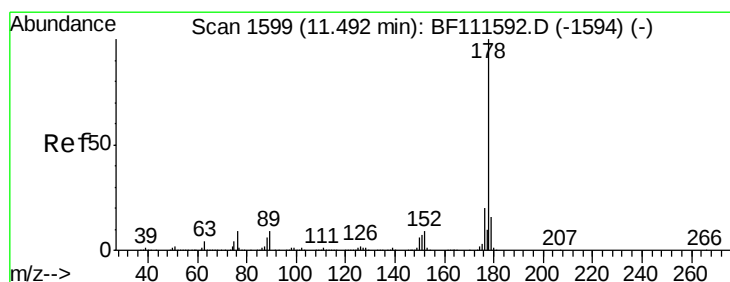
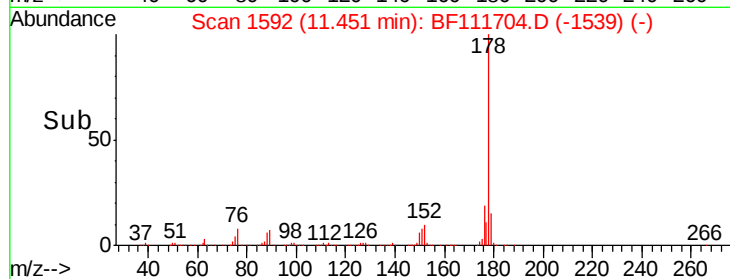
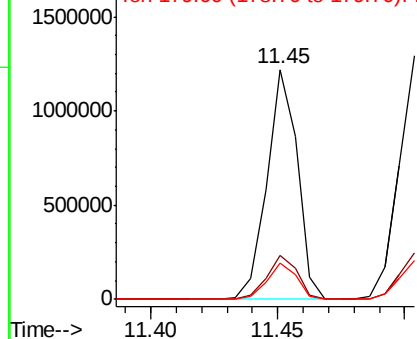
178 100

176 19.4 18.1 27.1

179 15.5 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.107 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

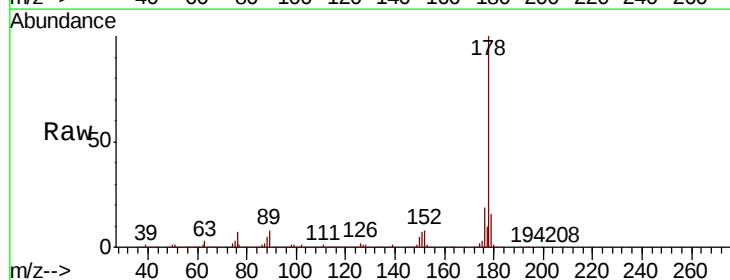
Tgt Ion:178 Resp: 1055028

Ion Ratio Lower Upper

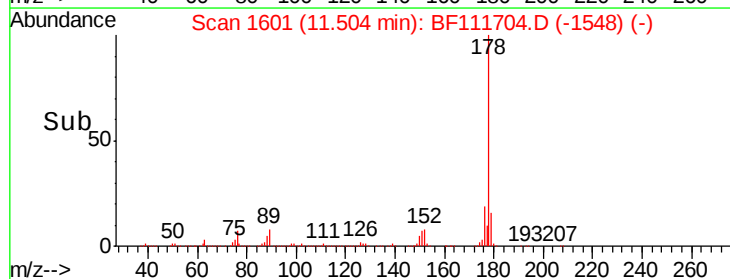
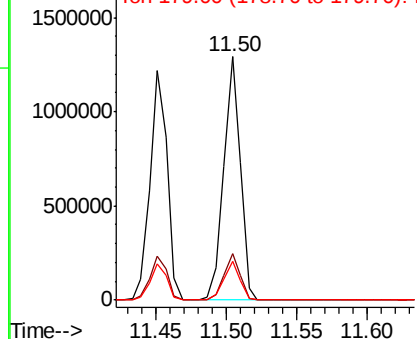
178 100

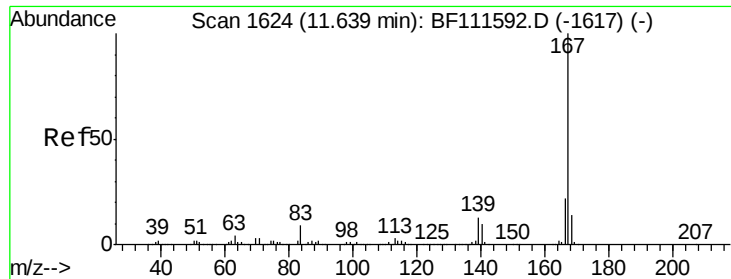
176 18.9 17.2 25.8

179 15.8 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

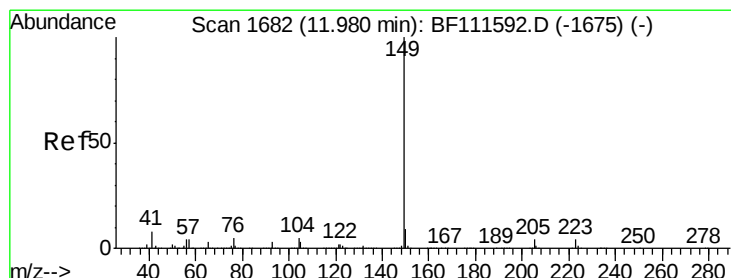
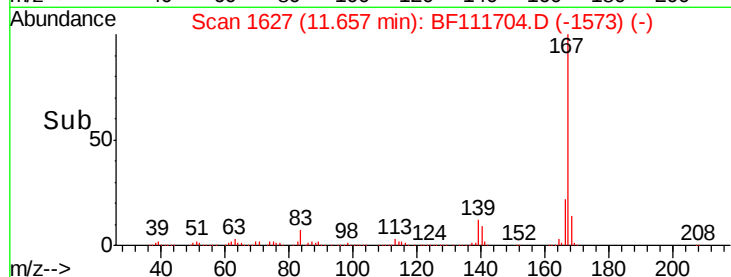
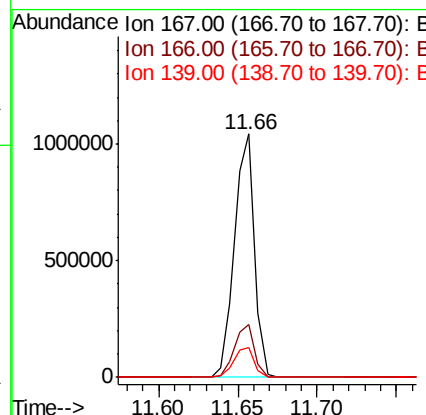
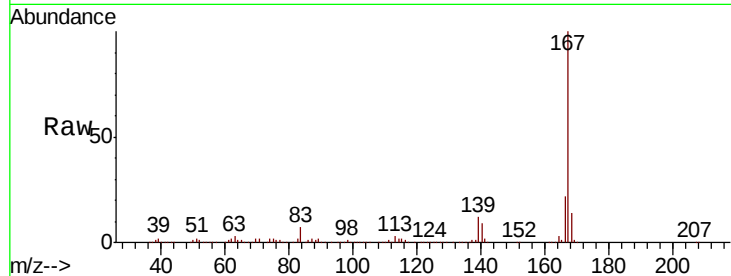




#73
 Carbazole
 Concen: 46.470 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

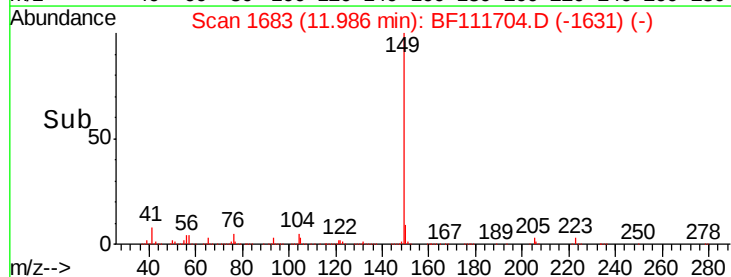
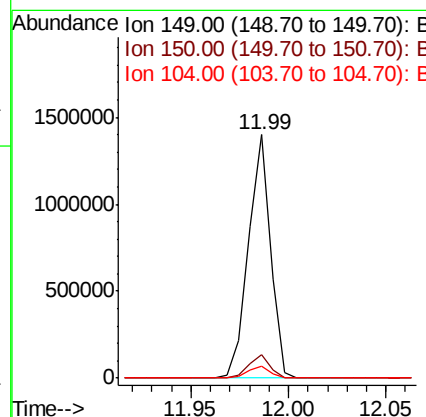
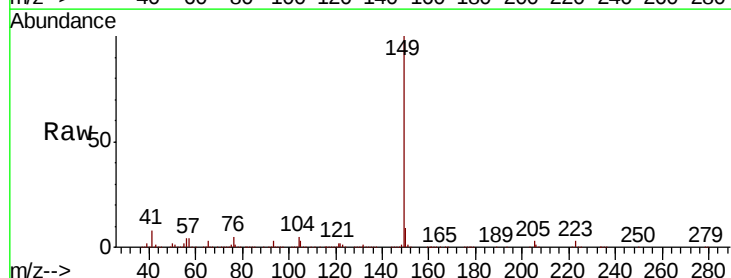
Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

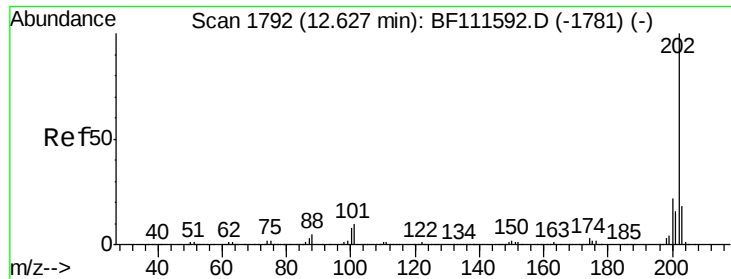
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.3	28.9
139	12.0	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 49.987 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.8	13.2
104	4.8	4.5	6.7

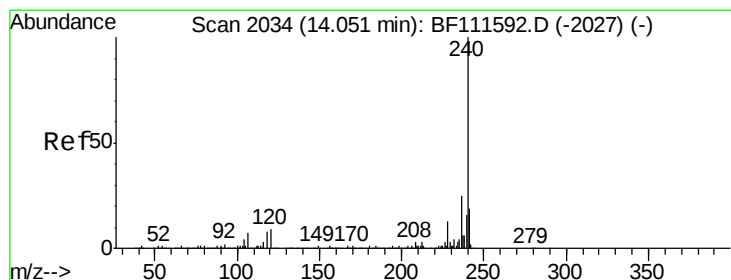
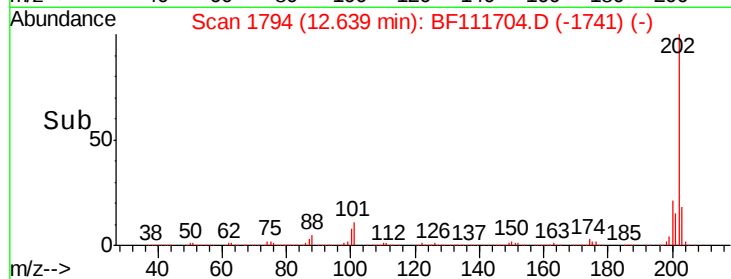
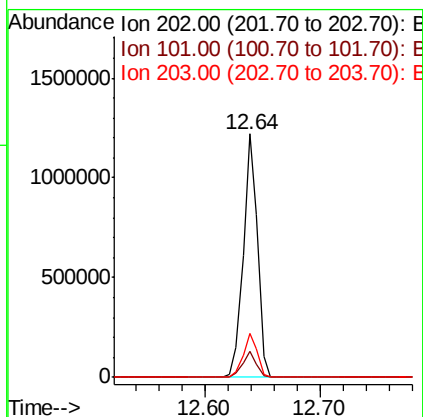
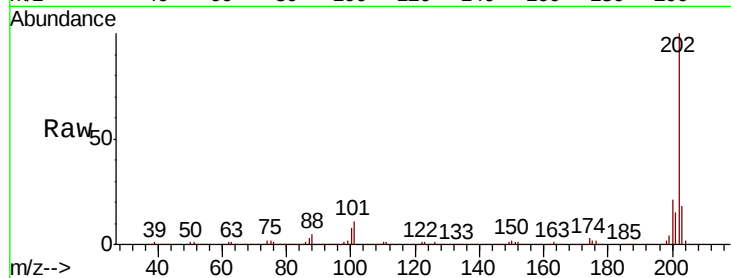




#75
 Fluoranthene
 Concen: 50.662 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

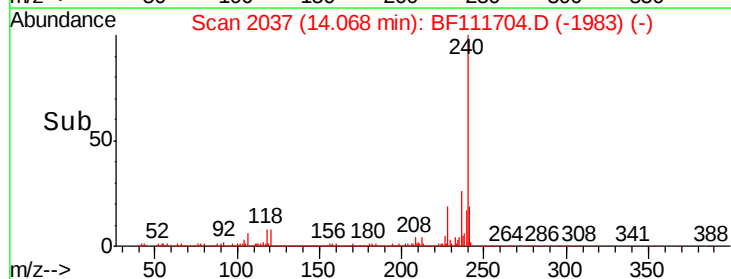
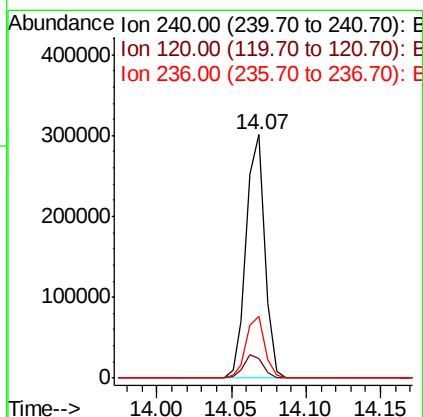
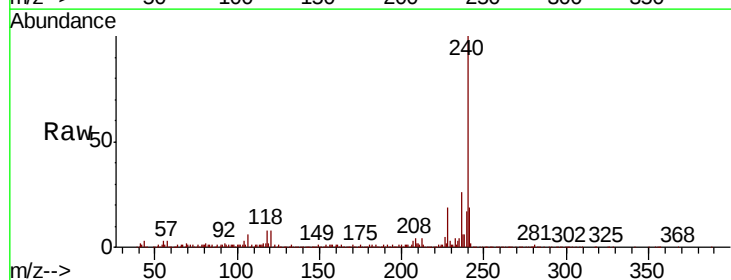
Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

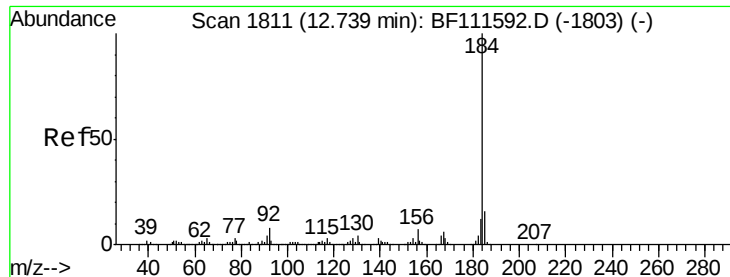
Tgt Ion: 202 Resp: 1034869
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 33.8
 203 17.8 0.0 38.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion: 240 Resp: 261098
 Ion Ratio Lower Upper
 240 100
 120 8.2 12.2 18.2#
 236 25.6 20.2 30.2





#77

Benzidine

Concen: 38.411 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

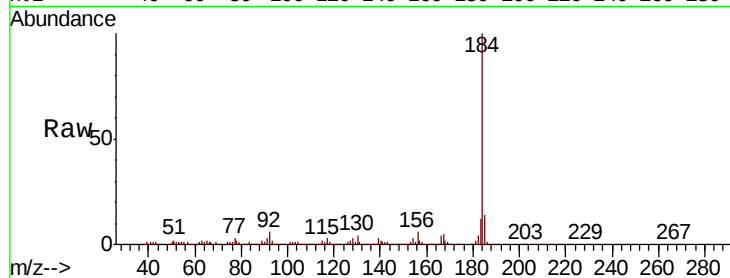
Tgt Ion:184 Resp: 377385

Ion Ratio Lower Upper

184 100

185 13.7 13.0 19.6

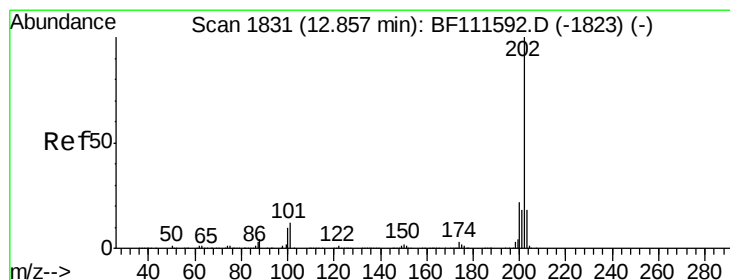
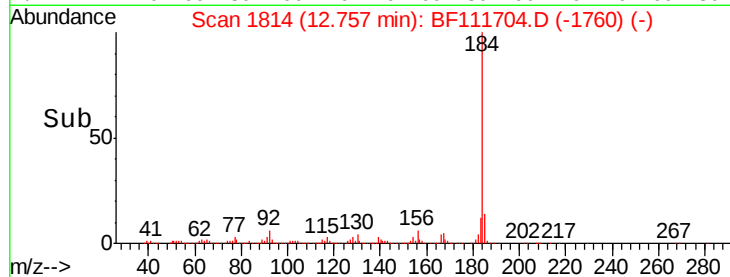
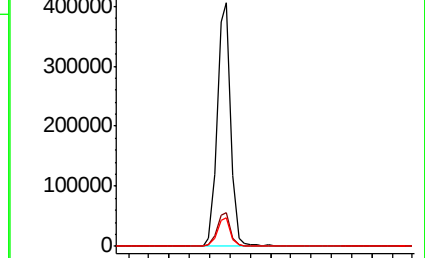
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.995 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

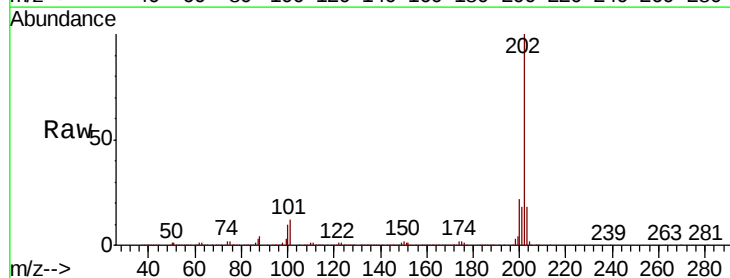
Tgt Ion:202 Resp: 1014000

Ion Ratio Lower Upper

202 100

200 21.9 19.0 28.4

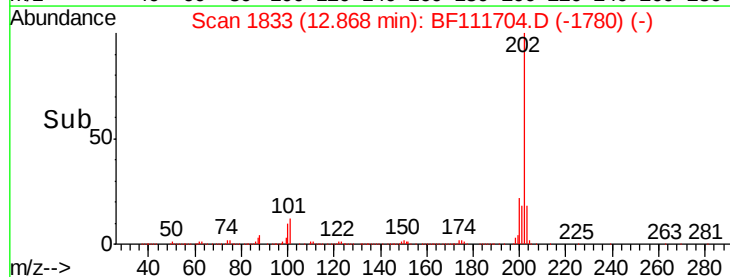
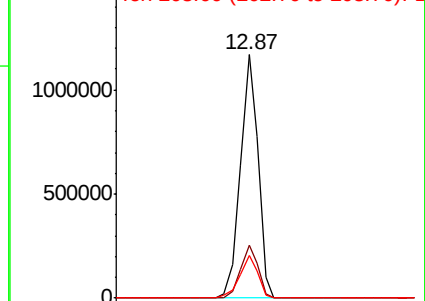
203 17.7 15.2 22.8

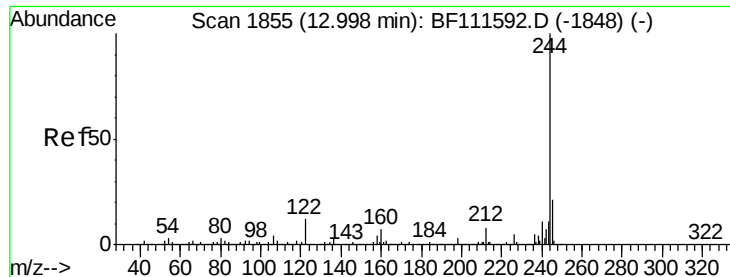


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 112.887 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

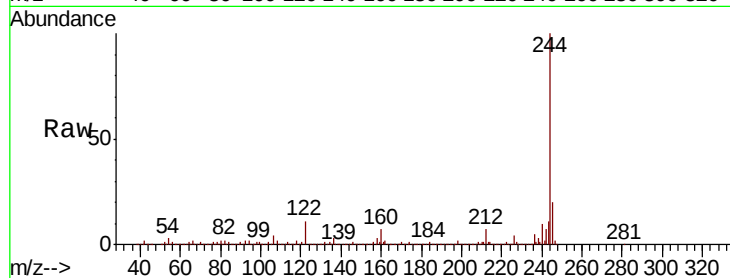
Tgt Ion:244 Resp: 1554218

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

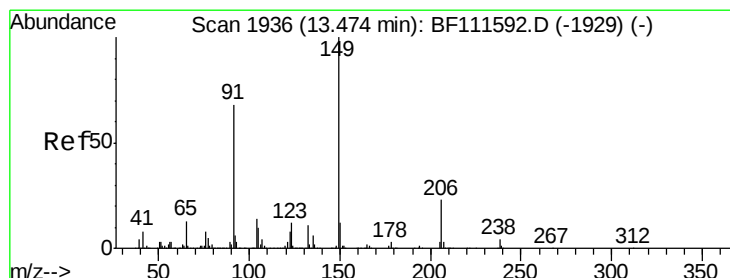
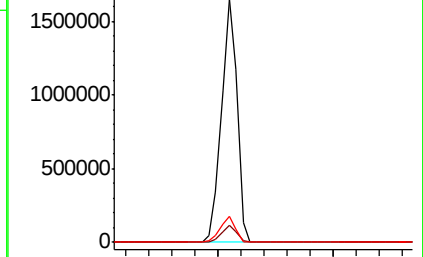
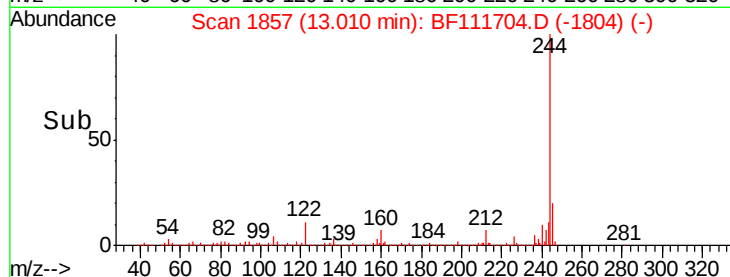
122 10.7 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 58.119 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

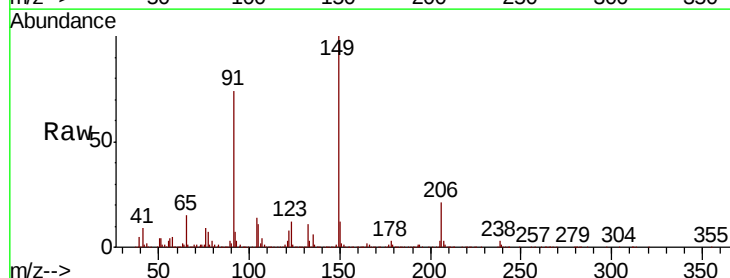
Tgt Ion:149 Resp: 436816

Ion Ratio Lower Upper

149 100

91 73.5 63.8 95.6

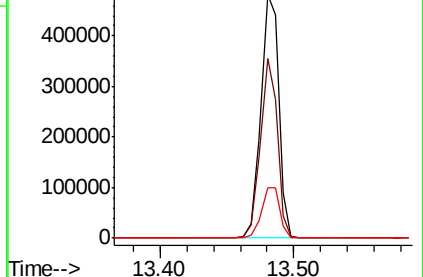
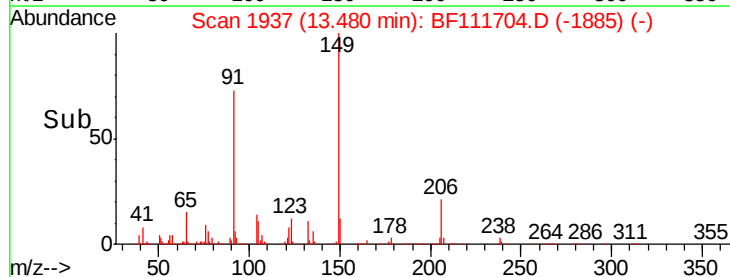
206 20.7 15.1 22.7

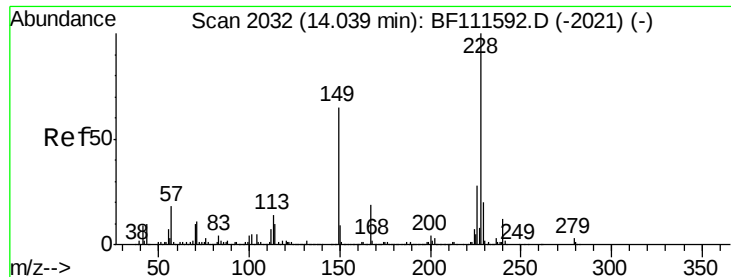


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.898 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

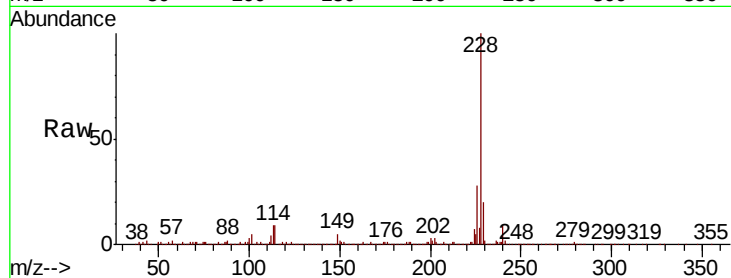
Tgt Ion:228 Resp: 758416

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

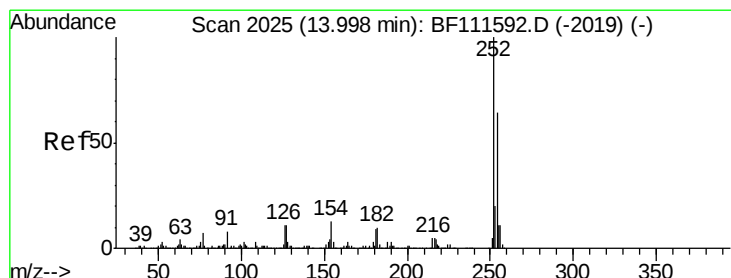
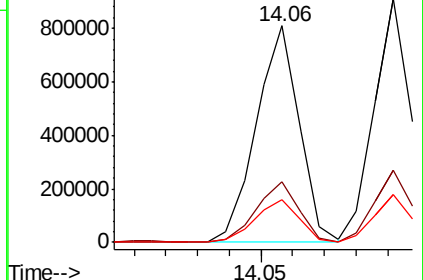
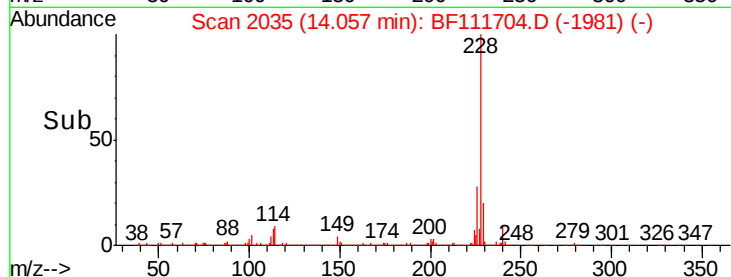
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.877 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

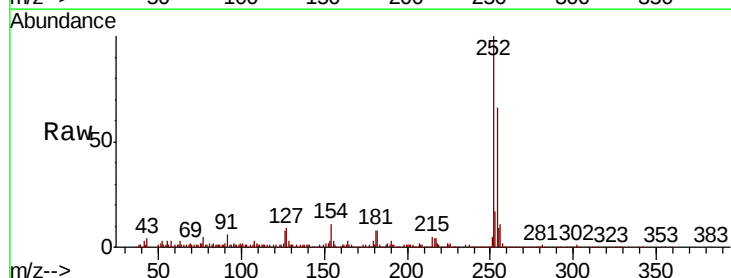
Tgt Ion:252 Resp: 234772

Ion Ratio Lower Upper

252 100

254 65.6 52.7 79.1

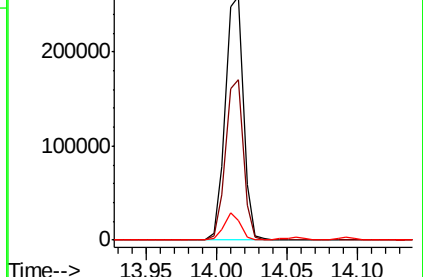
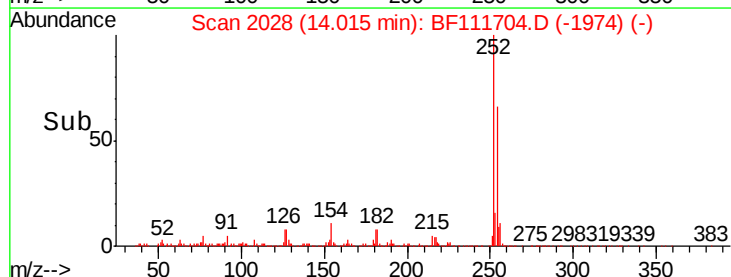
126 8.2 11.1 16.7#

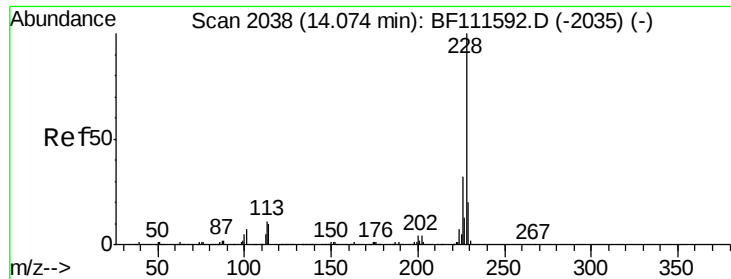


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

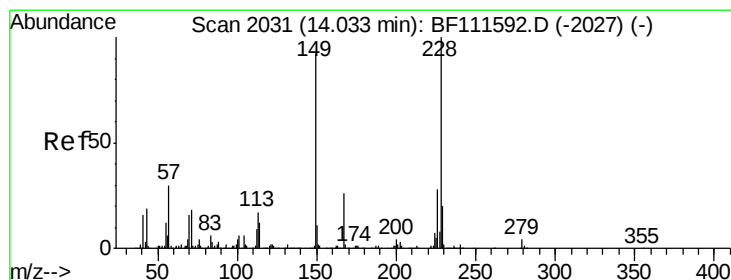
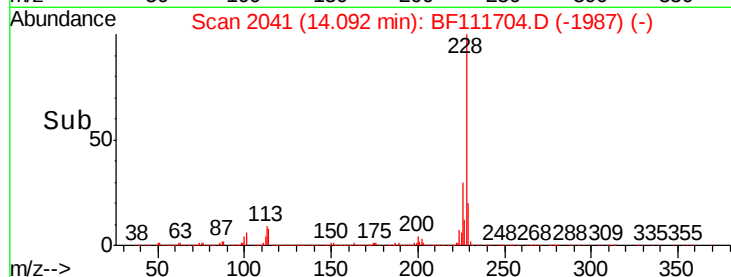
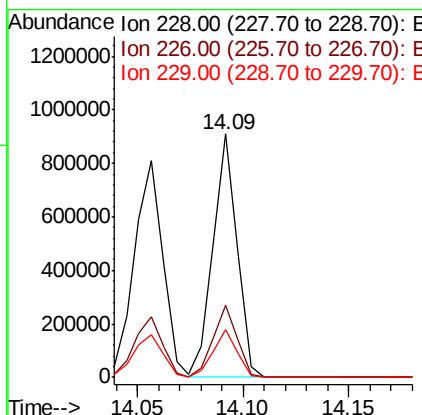
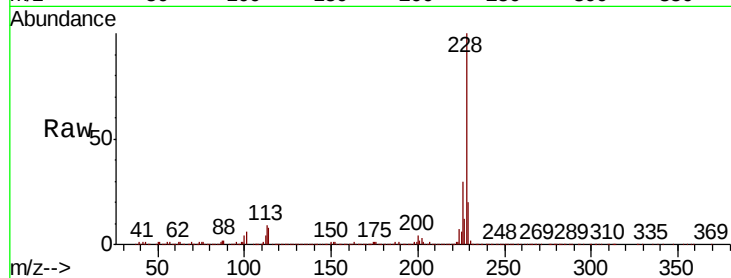




#83
Chrysene
Concen: 49.373 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

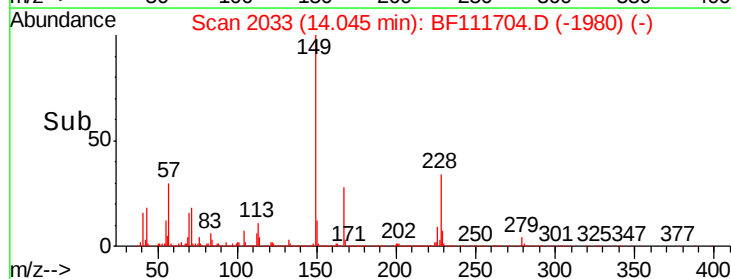
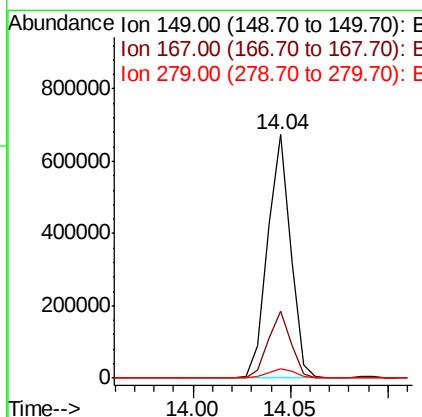
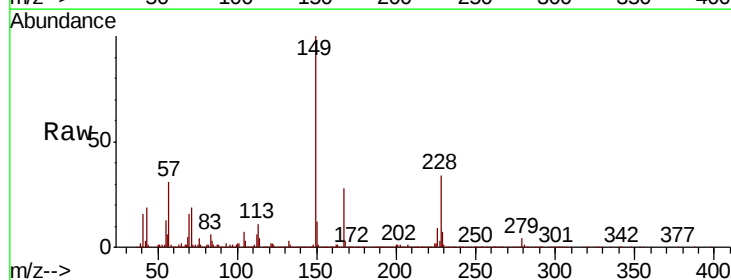
Instrument :
BNA_F
ClientSampleId :
PB115917BS

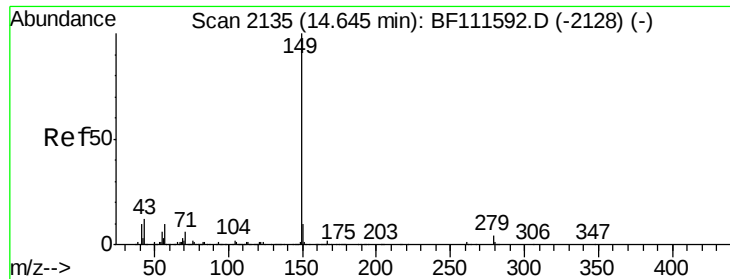
Tgt Ion: 228 Resp: 723080
Ion Ratio Lower Upper
228 100
226 29.8 25.3 37.9
229 19.6 17.2 25.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.749 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion: 149 Resp: 546713
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.1 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 57.142 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

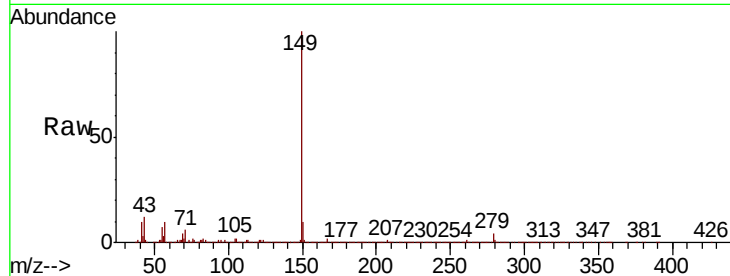
Tgt Ion:149 Resp: 838147

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

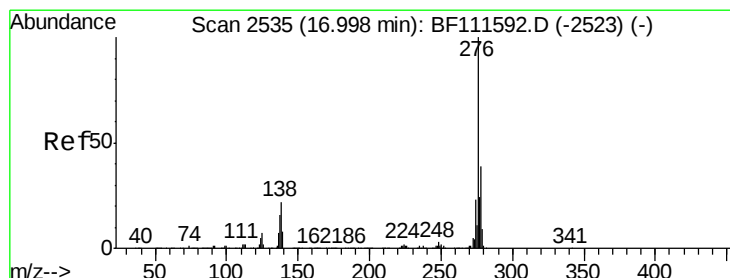
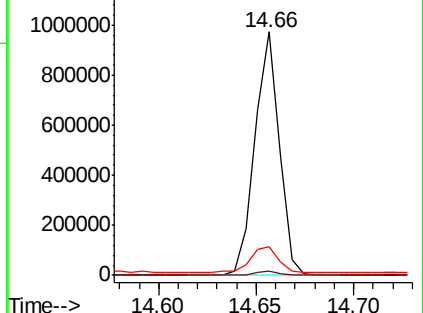
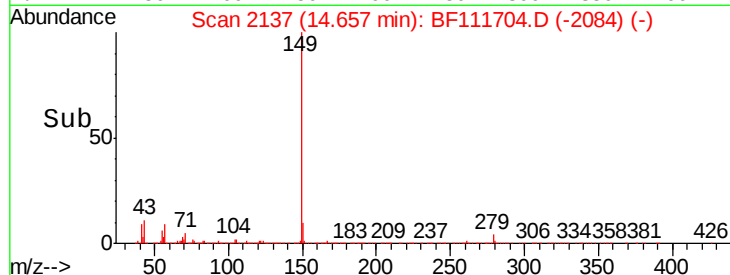
43 11.8 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.413 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.05 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

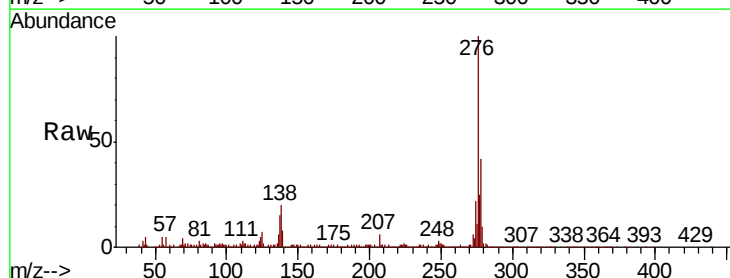
Tgt Ion:276 Resp: 602734

Ion Ratio Lower Upper

276 100

138 21.7 27.8 41.6#

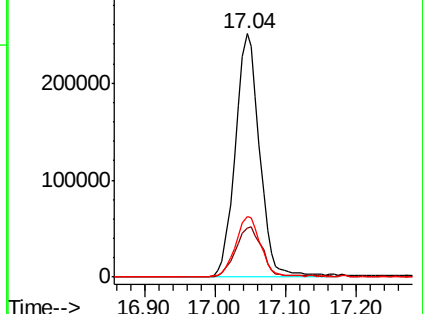
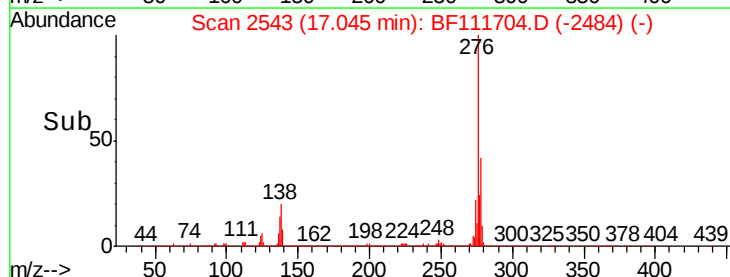
277 25.2 20.1 30.1

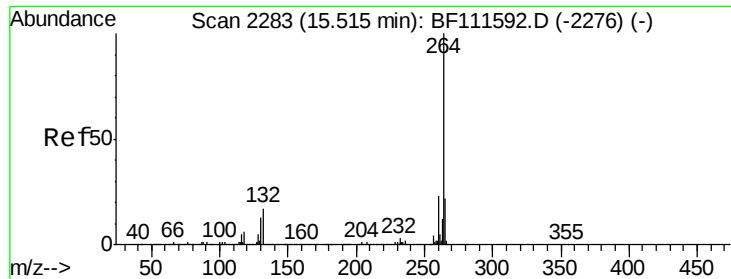


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

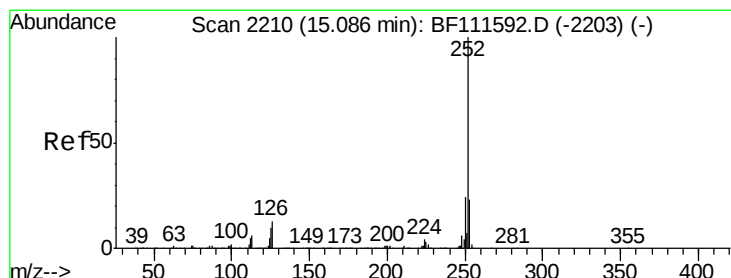
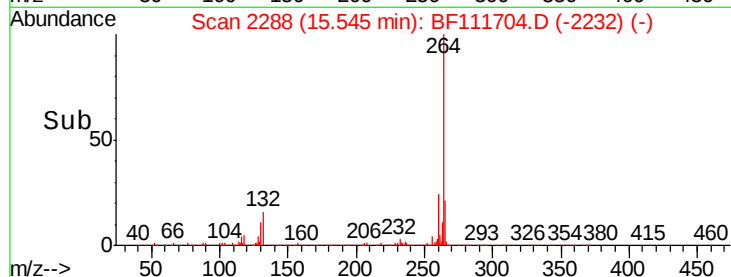
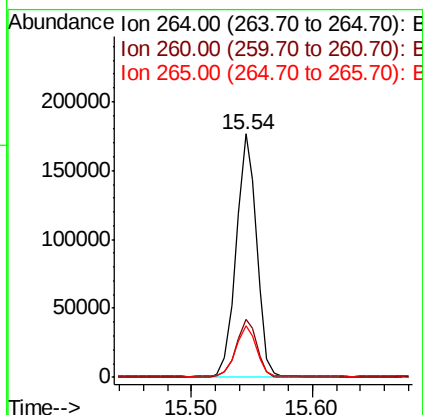
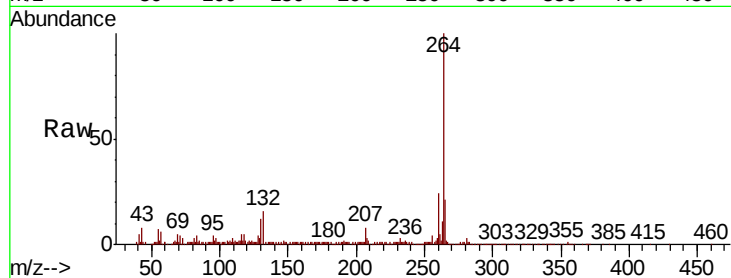




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

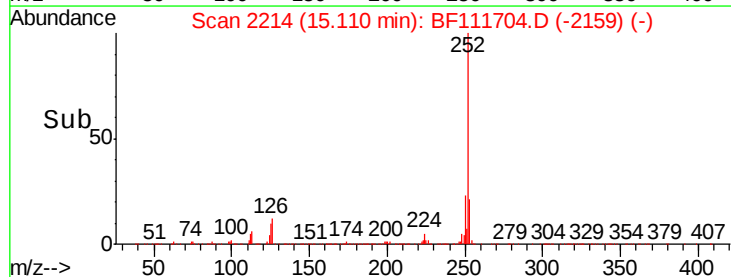
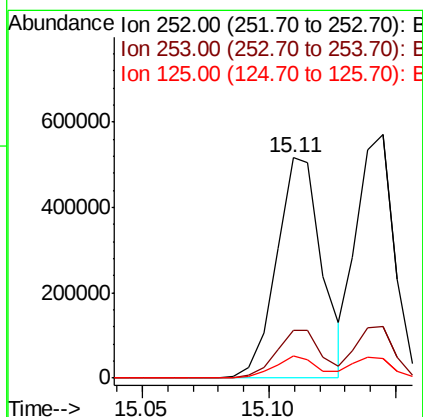
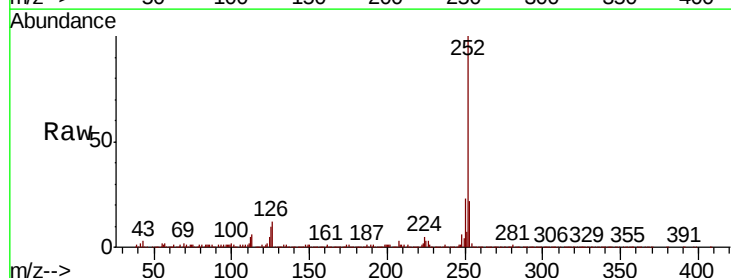
Instrument :
BNA_F
ClientSampleId :
PB115917BS

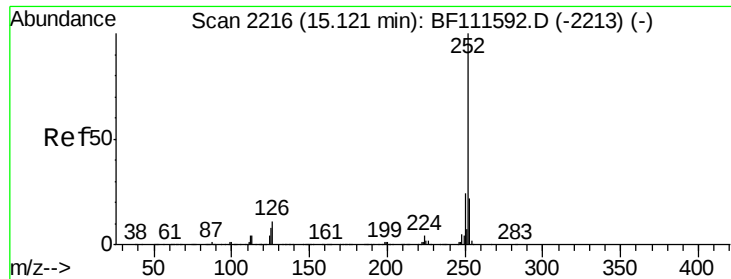
Tgt Ion:264 Resp: 207480
Ion Ratio Lower Upper
264 100
260 23.8 18.3 27.5
265 21.1 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 53.043 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion:252 Resp: 643197
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 9.9 10.4 15.6#

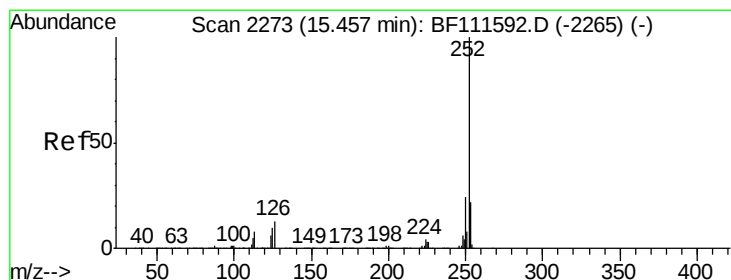
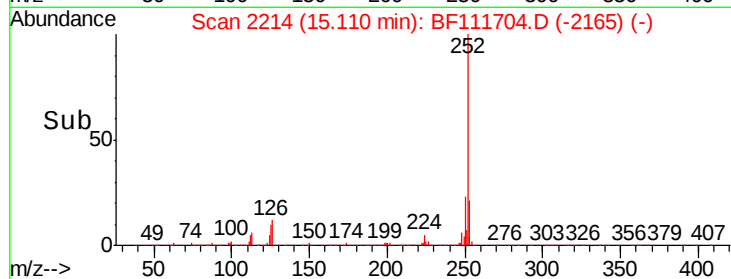
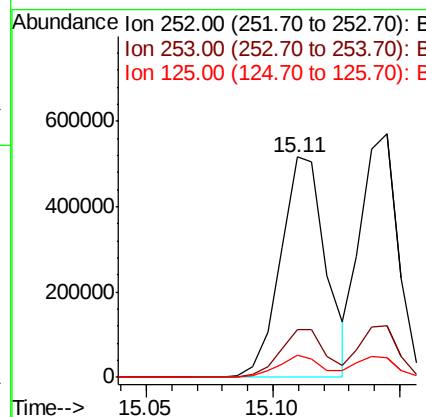
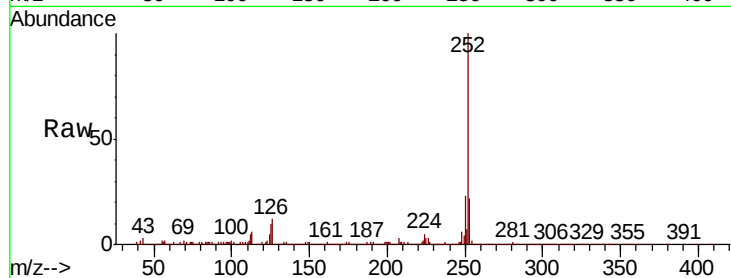




#89
Benzo(k)fluoranthene
Concen: 55.716 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

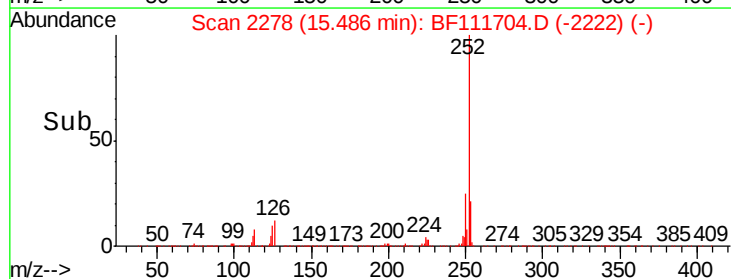
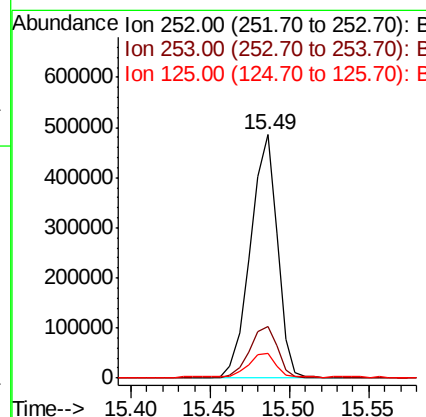
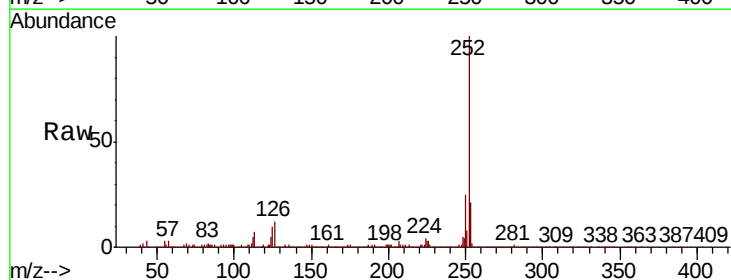
Instrument :
BNA_F
ClientSampleId :
PB115917BS

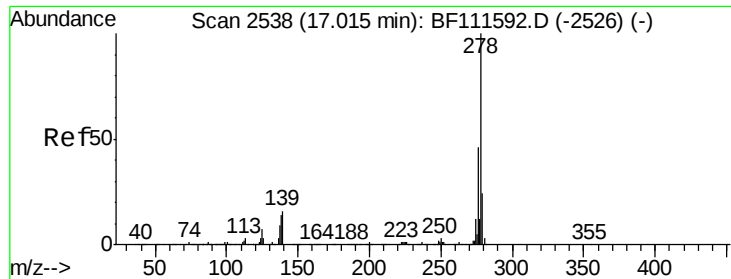
Tgt Ion:252 Resp: 643197
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 9.9 9.8 14.8



#90
Benzo(a)pyrene
Concen: 51.949 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion:252 Resp: 572301
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 10.0 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 53.477 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.05 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

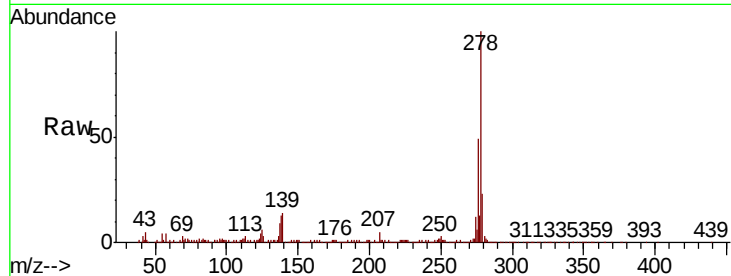
Tgt Ion:278 Resp: 515885

Ion Ratio Lower Upper

278 100

139 13.7 18.2 27.4#

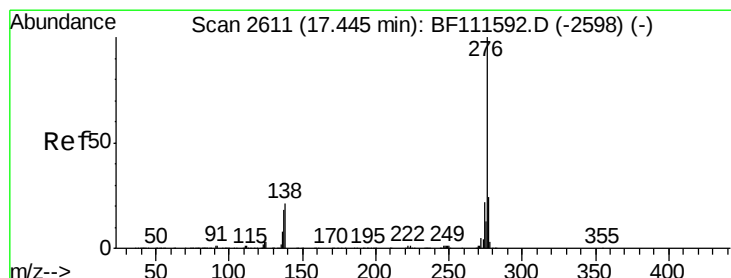
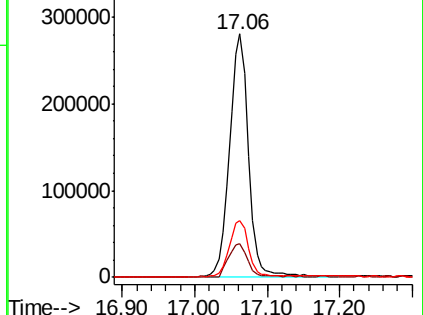
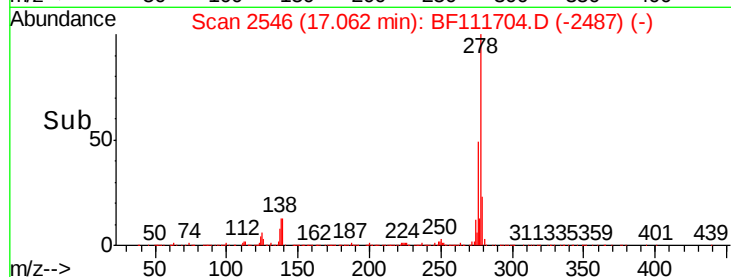
279 23.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.202 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.05 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

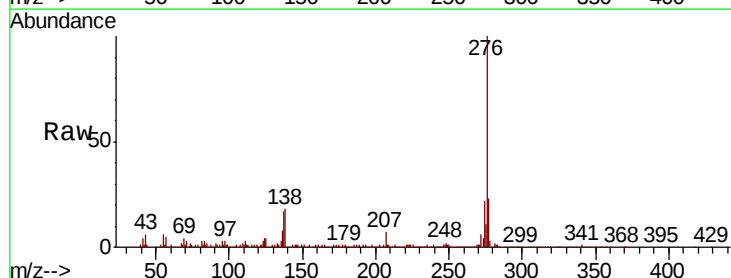
Tgt Ion:276 Resp: 472903

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 18.3 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

