

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111806.D
 Acq On : 2 Jan 2019 12:54
 Operator : JU/SJ
 Sample : PB116072BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 14:20:25 2019
 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	152609	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	583576	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	301731	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	587578	20.00	ng	0.01
76) Chrysene-d12	14.07	240	420873	20.00	ng	0.02
87) Perylene-d12	15.56	264	288951	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	983540	109.85	ng	0.04
7) Phenol-d6	6.55	99	1249902	109.70	ng	0.03
23) Nitrobenzene-d5	7.46	82	706155	70.43	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	425132	119.25	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1407731	68.00	ng	0.00
79) Terphenyl-d14	13.01	244	1696058	76.42	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.81	88	222500	52.821	ng	97
3) Pyridine	3.55	79	420704	38.335	ng	97
4) n-Nitrosodimethylamine	3.50	42	233135	43.408	ng	# 86
6) Aniline	6.56	93	436275	30.038	ng	# 1
8) 2-Chlorophenol	6.70	128	430734	43.430	ng	98
9) Benzaldehyde	6.45	77	101818	12.993	ng	99
10) Phenol	6.56	94	505554	39.324	ng	# 68
11) bis(2-Chloroethyl)ether	6.63	93	401845	41.712	ng	95
12) 1,3-Dichlorobenzene	6.85	146	481651	41.906	ng	97
13) 1,4-Dichlorobenzene	6.92	146	488897	41.942	ng	99
14) 1,2-Dichlorobenzene	7.07	146	460377	42.332	ng	99
15) Benzyl Alcohol	7.05	79	390234	43.123	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	660215	37.210	ng	73
17) 2-Methylphenol	7.17	107	345597	43.518	ng	# 88
18) Hexachloroethane	7.42	117	174764	44.492	ng	91
19) n-Nitroso-di-n-propylamine	7.32	70	308905	40.822	ng	99
20) 3+4-Methylphenols	7.32	107	441503	43.998	ng	# 85
22) Acetophenone	7.31	105	581009	39.299	ng	# 93
24) Nitrobenzene	7.48	77	463065	44.068	ng	97
25) Isophorone	7.72	82	821955	46.181	ng	99
26) 2-Nitrophenol	7.80	139	230148	54.004	ng	95
27) 2,4-Dimethylphenol	7.85	122	380834	45.333	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	509804	43.043	ng	98
29) 2,4-Dichlorophenol	8.05	162	392900	43.482	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	414818	41.197	ng	98
31) Naphthalene	8.21	128	1269293	45.267	ng	97
32) Benzoic acid	7.94	122	71160	12.811	ng	93
33) 4-Chloroaniline	8.25	127	313036	25.829	ng	99
34) Hexachlorobutadiene	8.33	225	253272	41.271	ng	98
35) Caprolactam	8.62	113	76569	25.007	ng	91
36) 4-Chloro-3-methylphenol	8.75	107	388928	43.787	ng	98
37) 2-Methylnaphthalene	8.90	142	865169	47.425	ng	98
38) 1-Methylnaphthalene	9.00	142	819351	46.765	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	415501	41.907	ng	98

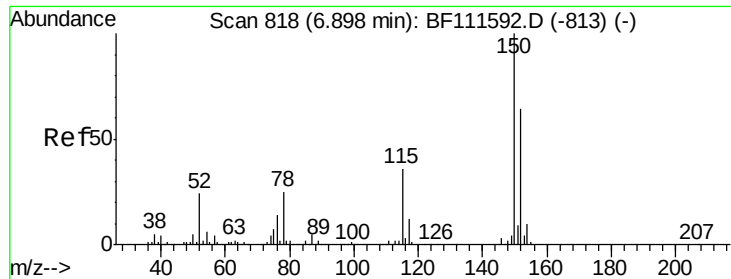
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111806.D
 Acq On : 2 Jan 2019 12:54
 Operator : JU/SJ
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 Misc :
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Instrument :
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Quant Time: Jan 02 14:20:25 2019
 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)
41) Hexachlorocyclopentadiene	9.06	237	533189	110.820	ng	99
43) 2,4,6-Trichlorophenol	9.18	196	278116	42.014	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	291693	42.952	ng	91
46) 1,1'-Biphenyl	9.36	154	1054923	41.417	ng	95
47) 2-Chloronaphthalene	9.39	162	826127	40.938	ng	94
48) 2-Nitroaniline	9.48	65	256369	48.833	ng	100
49) Acenaphthylene	9.81	152	1329279	45.115	ng	95
50) Dimethylphthalate	9.66	163	986956	44.730	ng	97
51) 2,6-Dinitrotoluene	9.72	165	220366	50.087	ng	95
52) Acenaphthene	9.98	154	851289	46.845	ng	97
53) 3-Nitroaniline	9.89	138	164545	35.068	ng	93
54) 2,4-Dinitrophenol	10.00	184	141858	98.599	ng	94
55) Dibenzofuran	10.15	168	1182634	43.076	ng	95
56) 4-Nitrophenol	10.07	139	330354	92.254	ng	90
57) 2,4-Dinitrotoluene	10.13	165	296461	56.065	ng	# 97
58) Fluorene	10.49	166	932257	47.123	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	258648	45.257	ng	90
60) Diethylphthalate	10.36	149	957931	44.258	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	468519	42.865	ng	95
62) 4-Nitroaniline	10.51	138	224193	49.160	ng	91
63) Azobenzene	10.65	77	907550	41.767	ng	93
65) 4,6-Dinitro-2-methylphenol	10.54	198	118055	48.528	ng	# 77
66) n-Nitrosodiphenylamine	10.60	169	819516	41.549	ng	97
67) 4-Bromophenyl-phenylether	10.97	248	303281	41.615	ng	# 89
68) Hexachlorobenzene	11.04	284	335688	41.311	ng	98
69) Atrazine	11.13	200	274822	40.107	ng	96
70) Pentachlorophenol	11.24	266	295836	58.891	ng	97
71) Phenanthrene	11.46	178	1384097	44.417	ng	95
72) Anthracene	11.51	178	1415670	45.261	ng	96
73) Carbazole	11.66	167	1226537	40.391	ng	96
74) Di-n-butylphthalate	11.99	149	1481478	43.512	ng	96
75) Fluoranthene	12.64	202	1399652	44.355	ng	96
77) Benzidine	12.76	184	465121	29.369	ng	96
78) Pyrene	12.87	202	1390539	46.786	ng	96
80) Butylbenzylphthalate	13.48	149	571905	47.206	ng	94
81) Benzo(a)anthracene	14.06	228	1110493	46.234	ng	98
82) 3,3'-Dichlorobenzidine	14.02	252	254095	26.775	ng	# 98
83) Chrysene	14.10	228	1013303	42.924	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	731759	47.952	ng	# 97
85) Di-n-octyl phthalate	14.66	149	1033141	43.697	ng	95
86) Indeno(1,2,3-cd)pyrene	17.07	276	904379	45.065	ng	# 87
88) Benzo(b)fluoranthene	15.12	252	800208	47.385	ng	# 95
89) Benzo(k)fluoranthene	15.15	252	770417	47.919	ng	# 96
90) Benzo(a)pyrene	15.50	252	731315	47.666	ng	# 93
91) Dibenzo(a,h)anthracene	17.08	278	748903	55.743	ng	# 90
92) Benzo(g,h,i)perylene	17.53	276	770999	58.770	ng	# 87

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

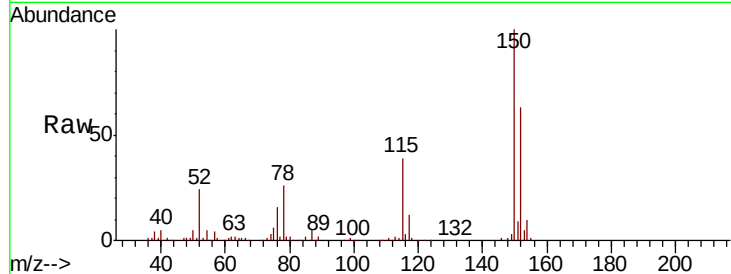


#1

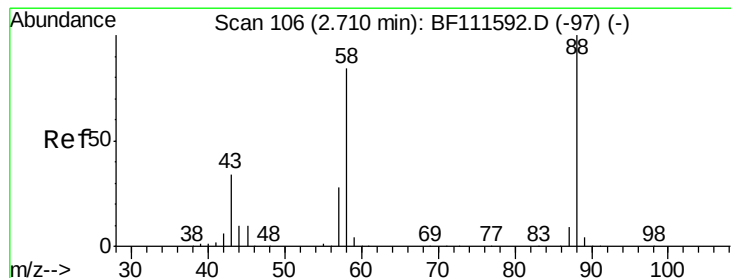
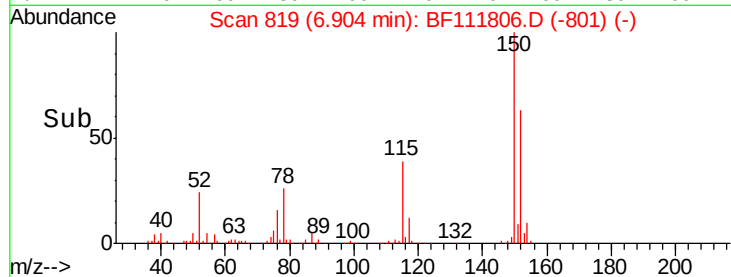
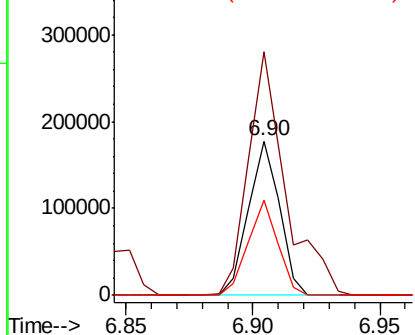
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152609
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 61.8 50.7 76.1



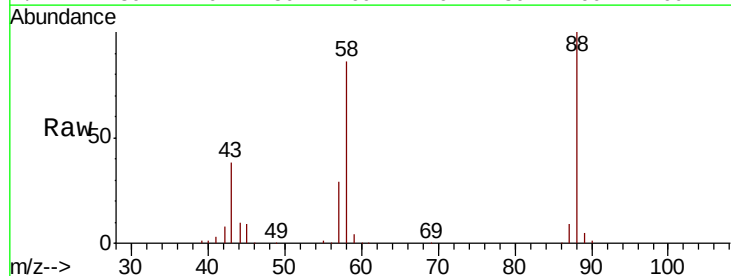
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



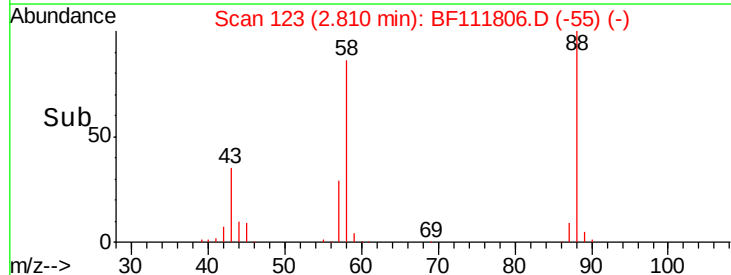
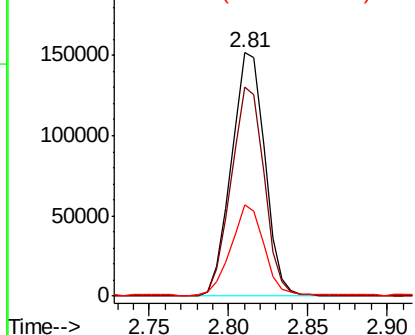
#2

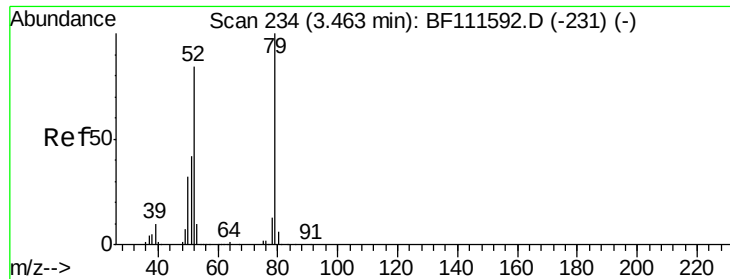
1,4-Dioxane
Concen: 52.821 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.10 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion: 88 Resp: 222500
Ion Ratio Lower Upper
88 100
58 85.1 68.9 103.3
43 36.2 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

Pvridine

Concen: 38.335 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.09 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

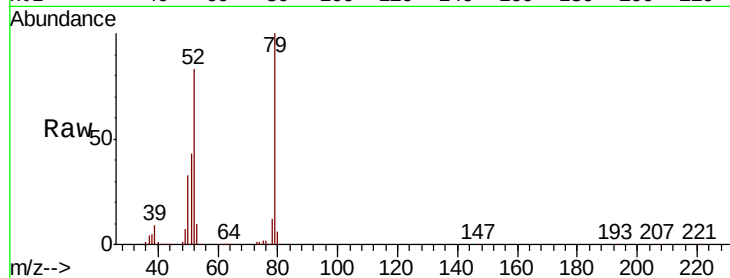
Tot Ion: 79 Resp: 420704

Ion Ratio Lower Upper

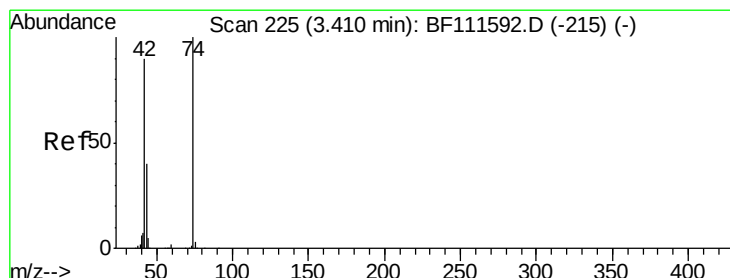
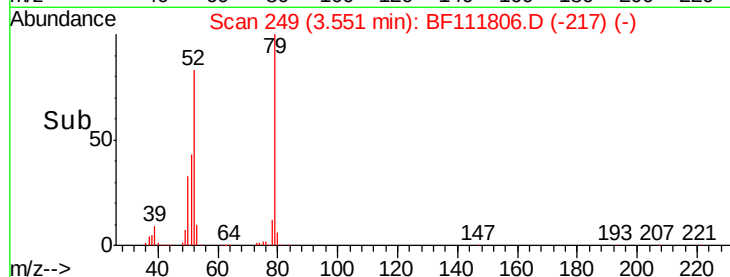
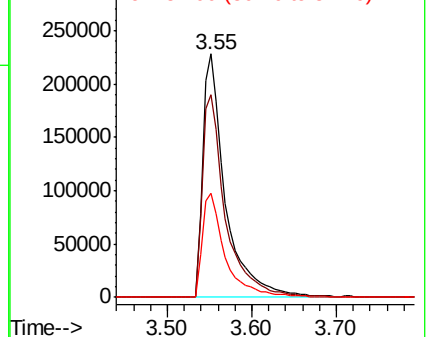
79 100

52 83.1 68.3 102.5

51 43.0 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.408 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.09 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

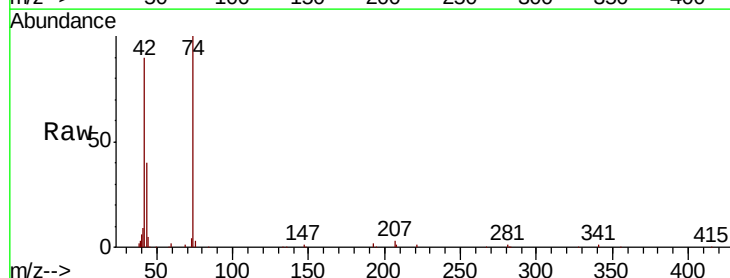
Tgt Ion: 42 Resp: 233135

Ion Ratio Lower Upper

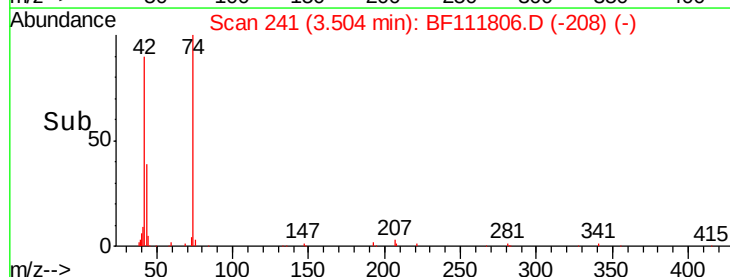
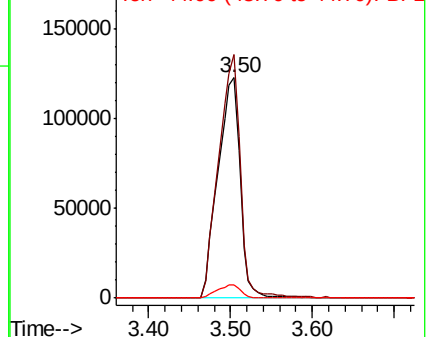
42 100

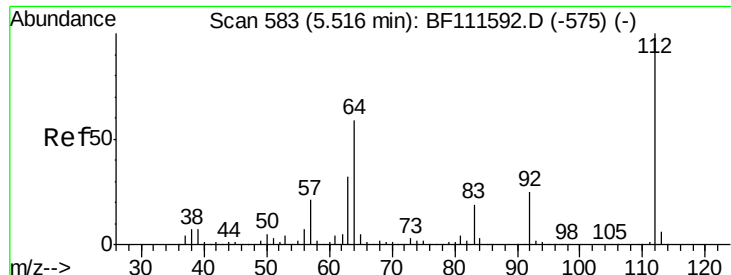
74 110.5 101.5 152.3

44 5.8 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.854 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.04 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampled :

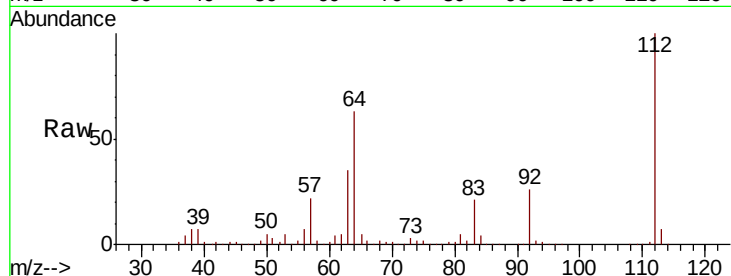
Tot Ion:112 Resp: 983540

Ion Ratio Lower Upper

112 100

64 63.1 51.8 77.6

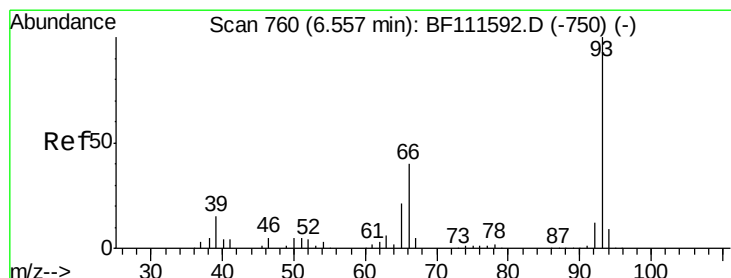
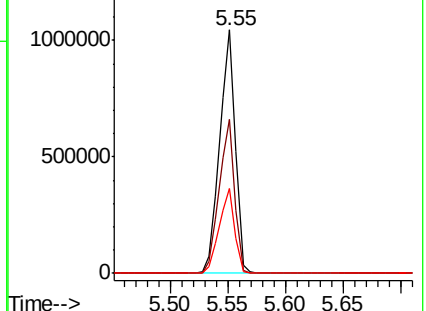
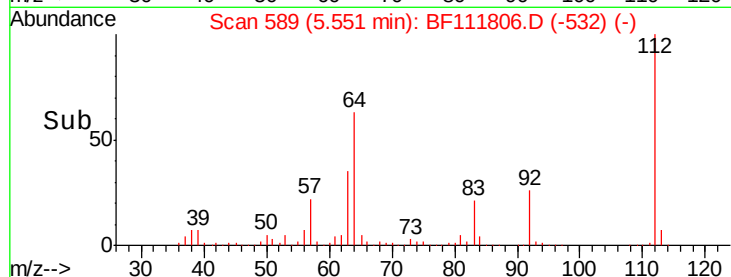
63 34.9 26.8 40.2



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: 30.038 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

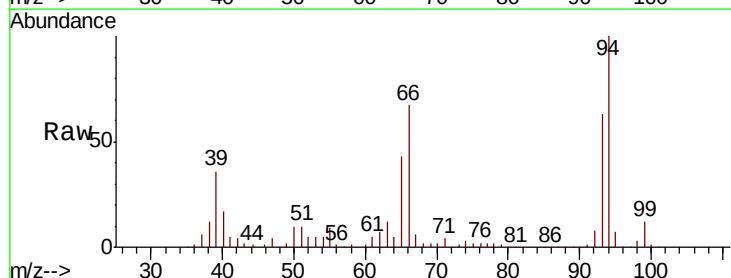
Tgt Ion: 93 Resp: 436275

Ion Ratio Lower Upper

93 100

66 105.4 33.2 49.8#

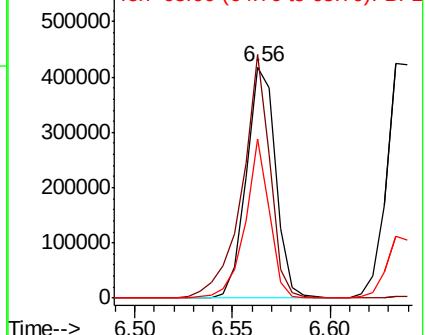
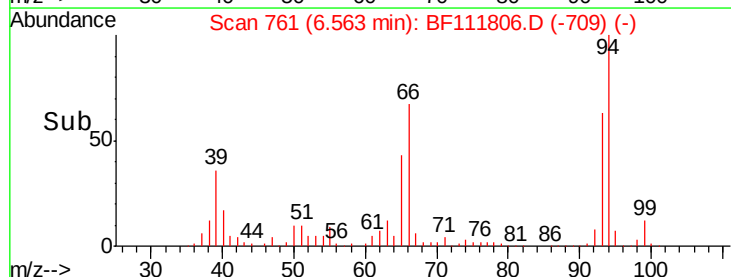
65 68.7 17.0 25.4#

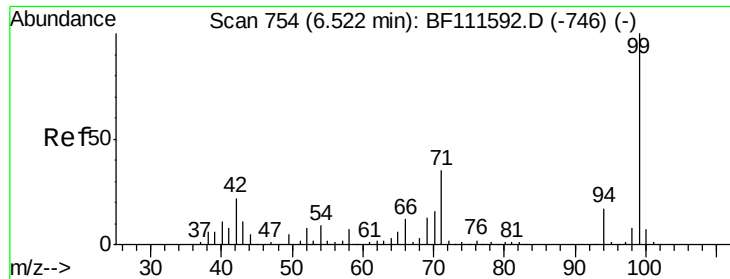


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.696 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

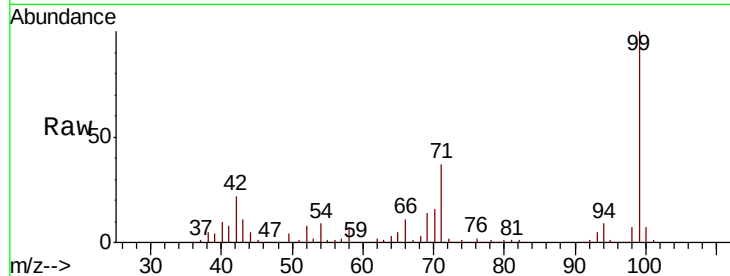
Tot Ion: 99 Resp: 1249902

Ion Ratio Lower Upper

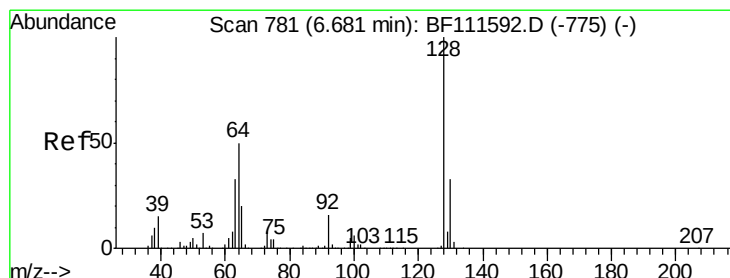
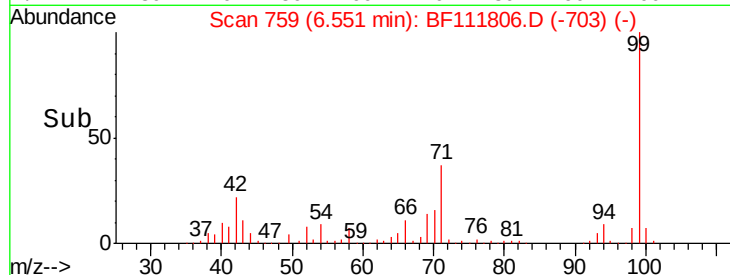
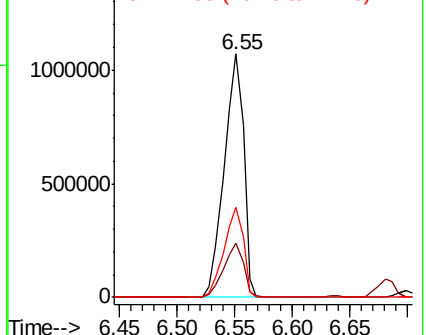
99 100

42 22.2 17.4 26.0

71 37.1 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: 43.430 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

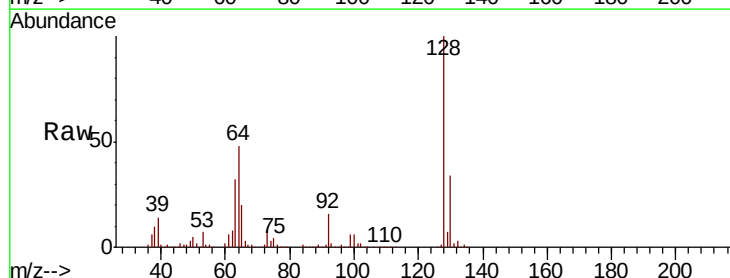
Tgt Ion:128 Resp: 430734

Ion Ratio Lower Upper

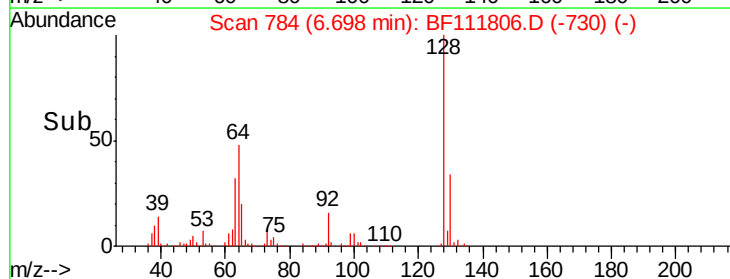
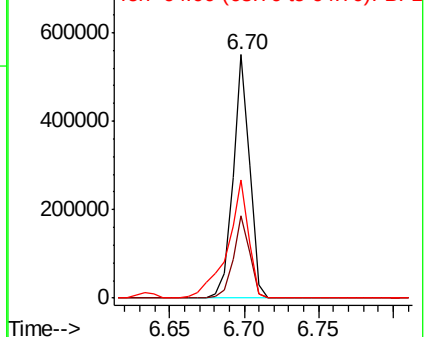
128 100

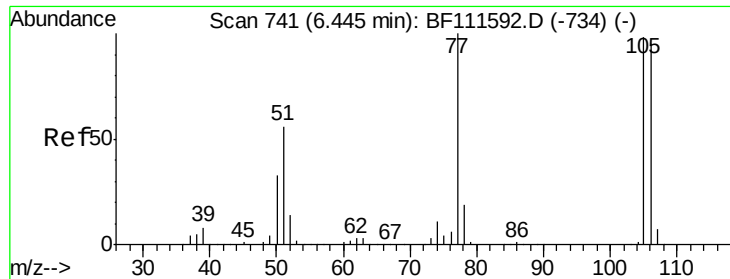
130 33.7 12.7 52.7

64 48.4 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: 12.993 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampled :

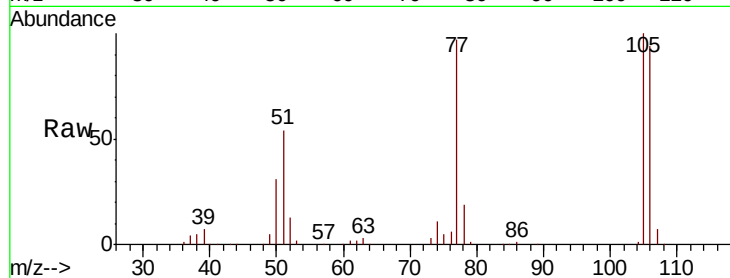
Tot Ion: 77 Resp: 101818

Ion Ratio Lower Upper

77 100

105 103.1 81.4 121.4

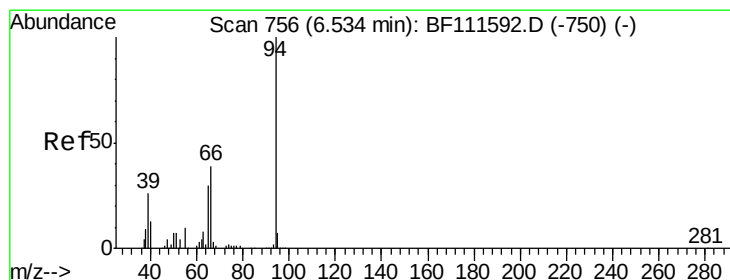
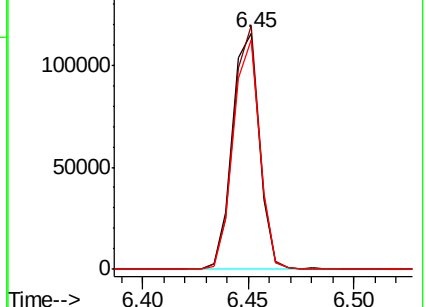
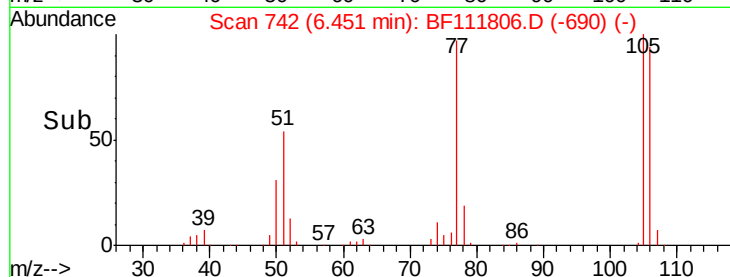
106 97.1 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.324 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

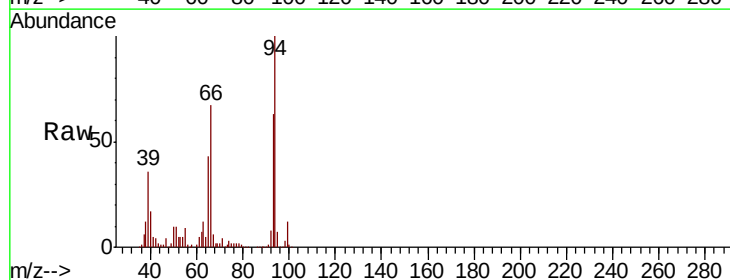
Tgt Ion: 94 Resp: 505554

Ion Ratio Lower Upper

94 100

65 43.4 11.7 51.7

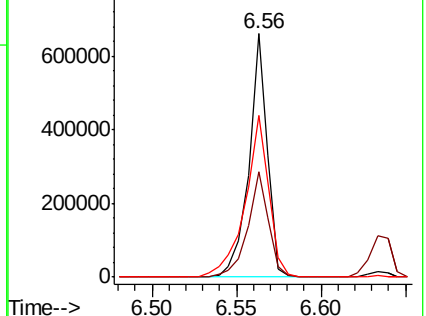
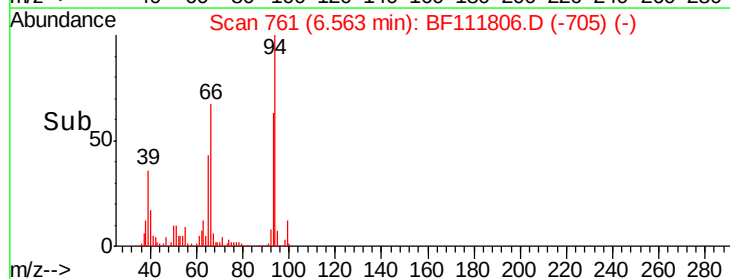
66 66.6 21.0 61.0#

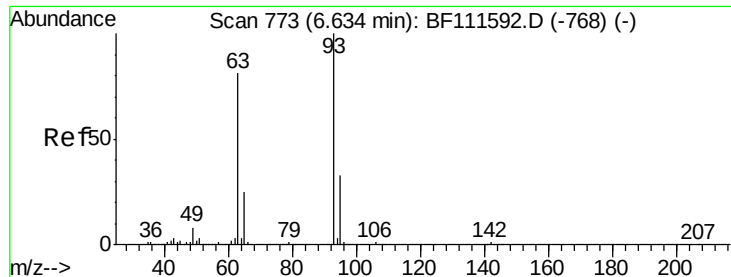


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

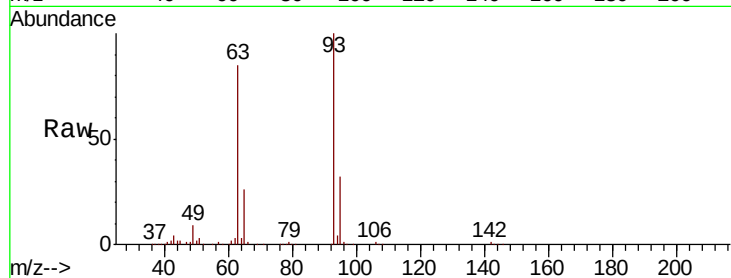




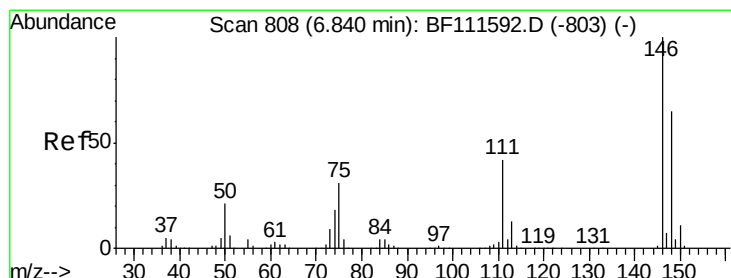
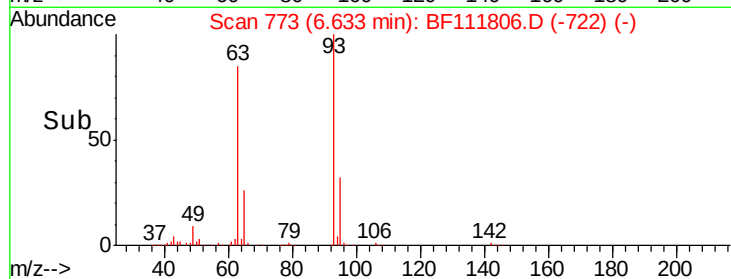
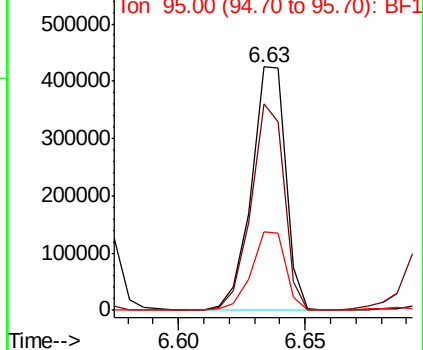
#11
bis(2-Chloroethyl)ether
Concen: 41.712 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 401845
Ion Ratio Lower Upper
93 100
63 85.0 60.0 100.0
95 32.2 13.4 53.4

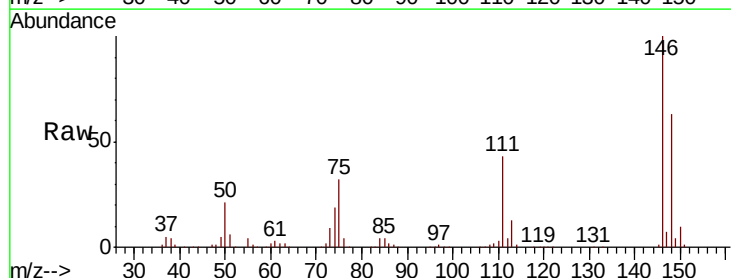


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

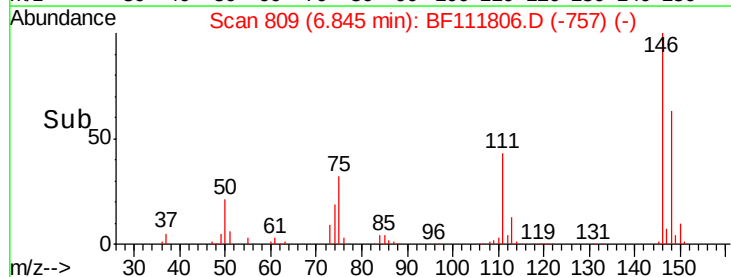
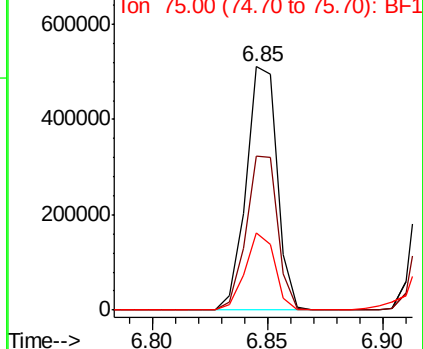


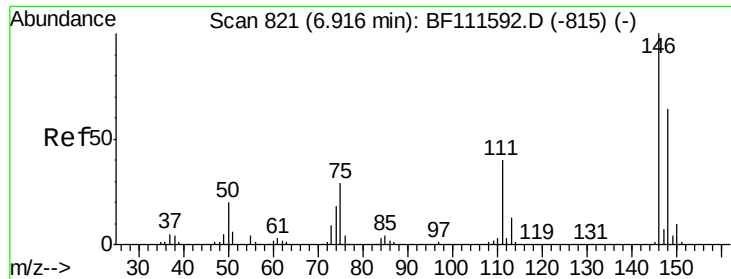
#12
1,3-Dichlorobenzene
Concen: 41.906 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion: 146 Resp: 481651
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
75 31.8 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

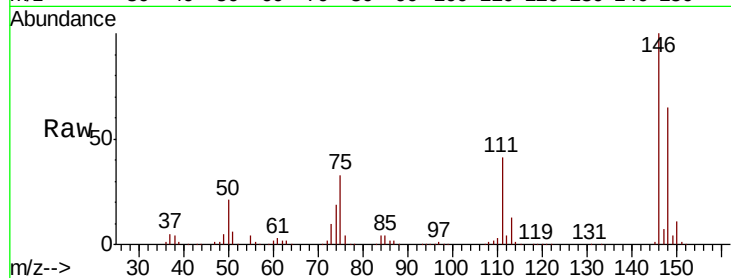




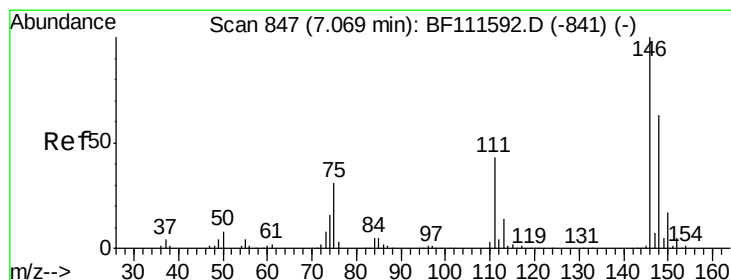
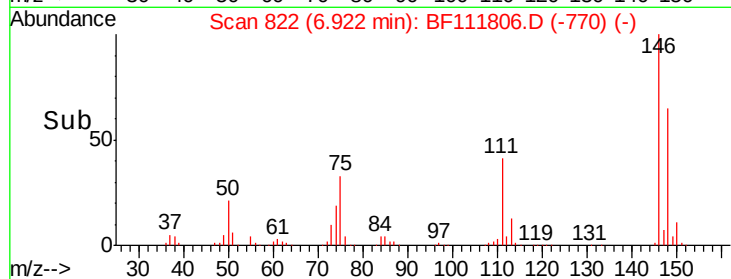
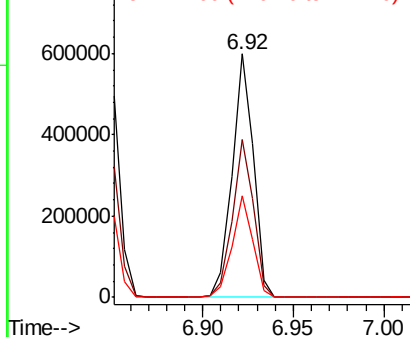
#13
 1,4-Dichlorobenzene
 Concen: 41.942 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 488897
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.8 79.2
 111 41.5 33.4 50.0

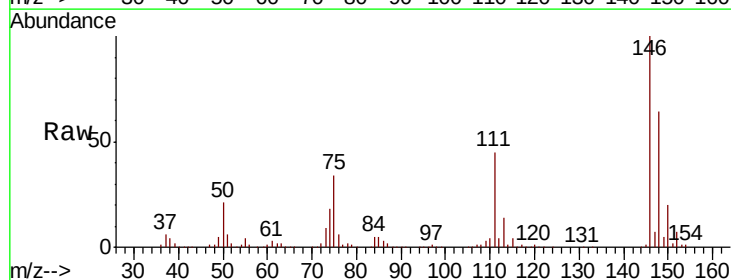


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

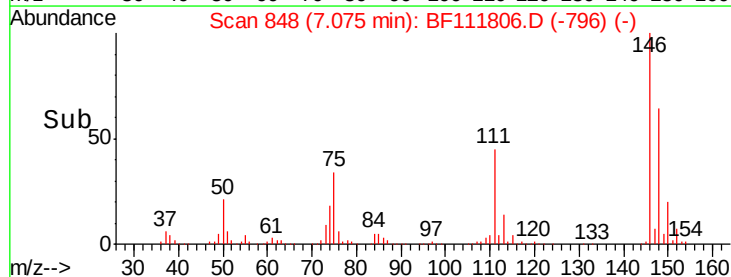
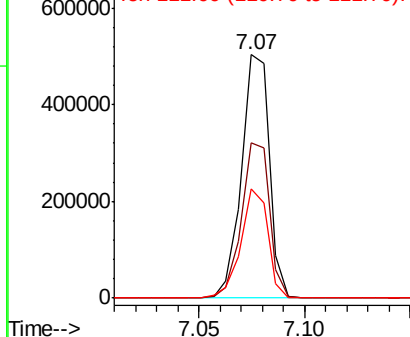


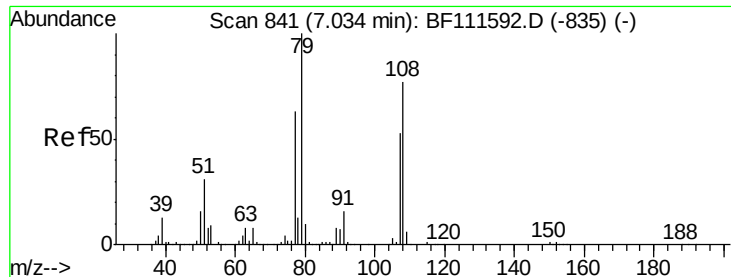
#14
 1,2-Dichlorobenzene
 Concen: 42.332 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion:146 Resp: 460377
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 45.1 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: 43.123 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampled :

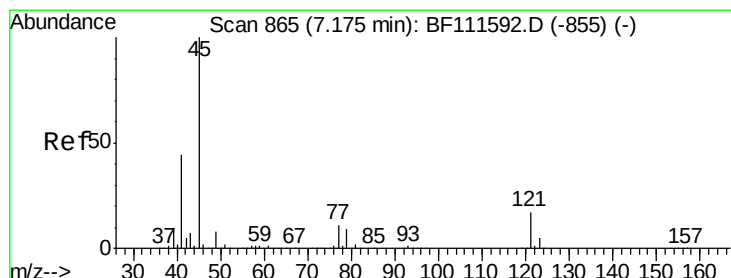
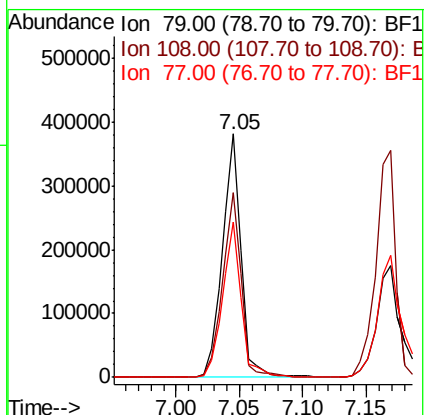
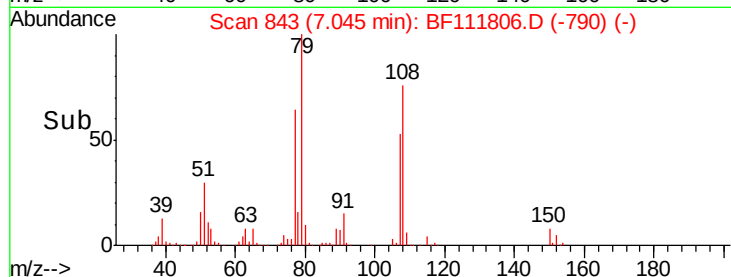
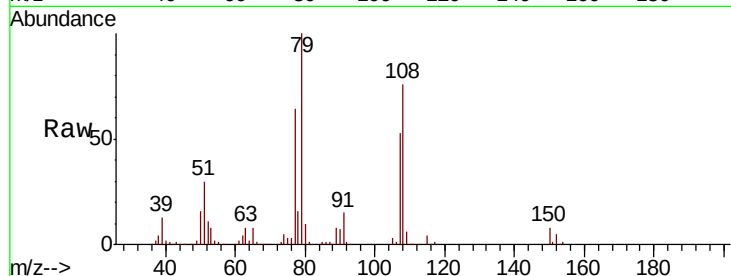
Tot Ion: 79 Resp: 390234

Ion Ratio Lower Upper

79 100

108 75.8 69.4 104.2

77 63.6 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.210 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

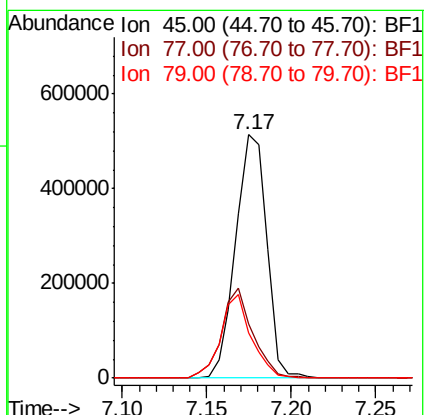
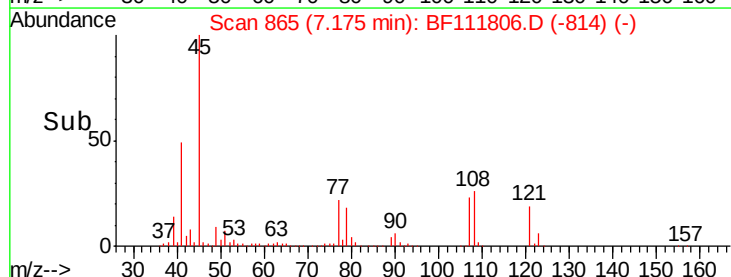
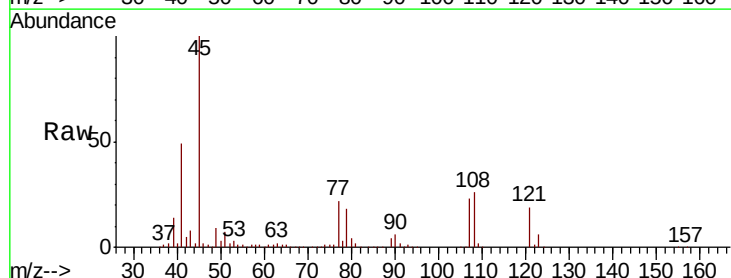
Tgt Ion: 45 Resp: 660215

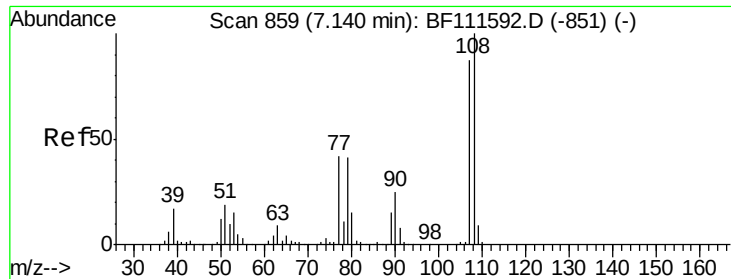
Ion Ratio Lower Upper

45 100

77 22.4 0.0 31.5

79 18.4 0.0 28.9





#17

2-Methylphenol

Concen: 43.518 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.03 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 345597

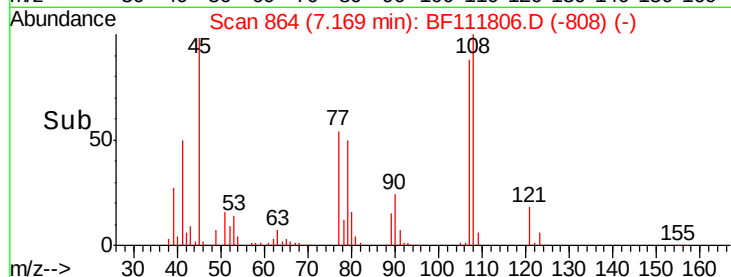
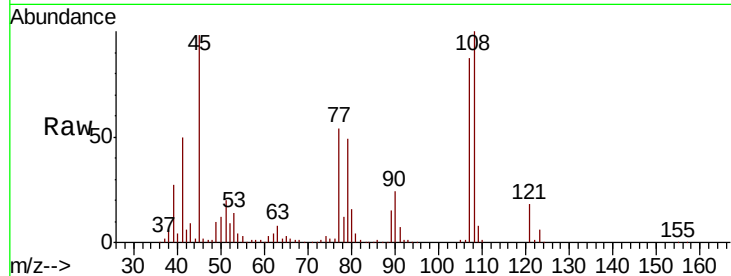
Ion Ratio Lower Upper

107 100

108 114.3 91.0 136.4

77 61.6 33.5 50.3#

79 56.5 33.3 49.9#

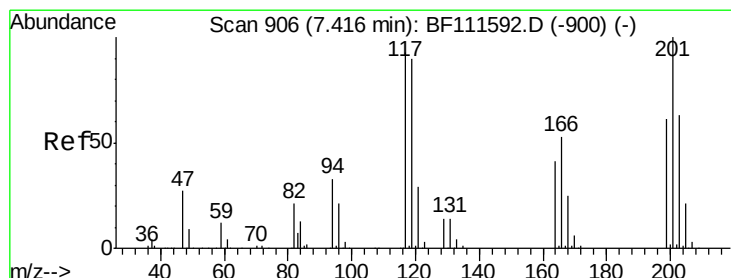
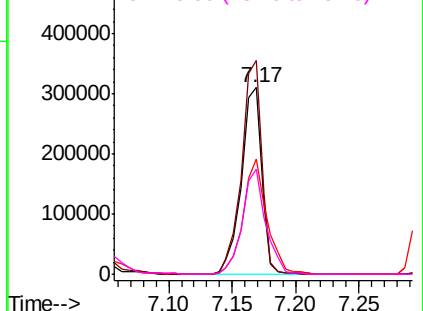


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.492 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

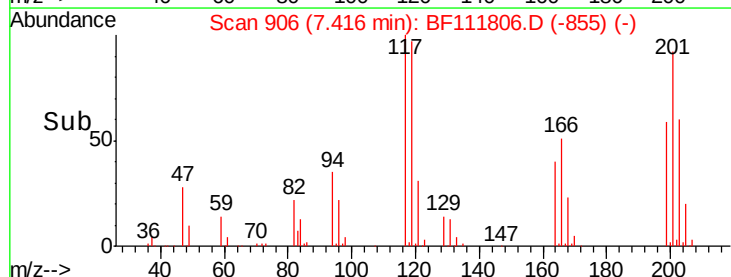
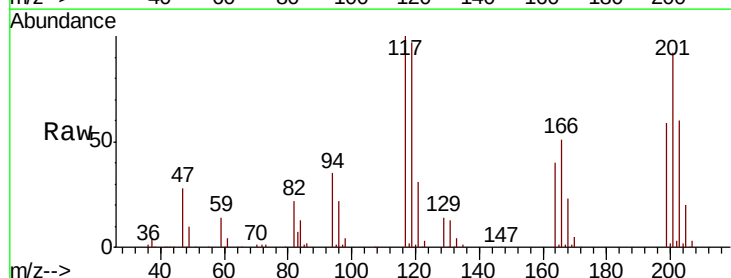
Tgt Ion:117 Resp: 174764

Ion Ratio Lower Upper

117 100

119 96.9 75.4 113.0

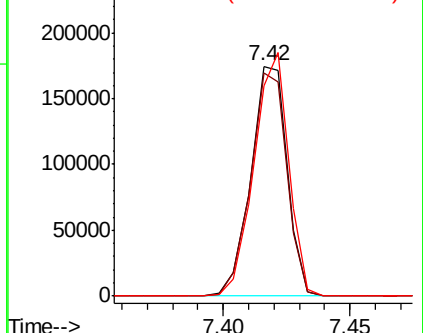
201 91.5 62.4 93.6

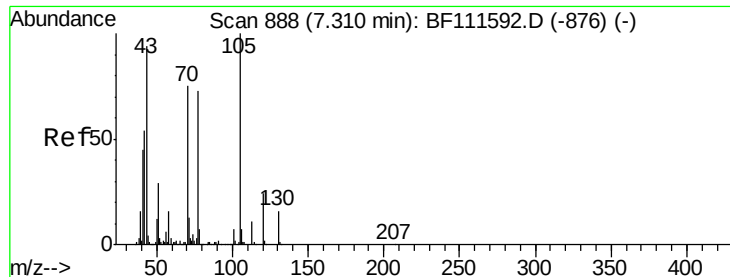


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

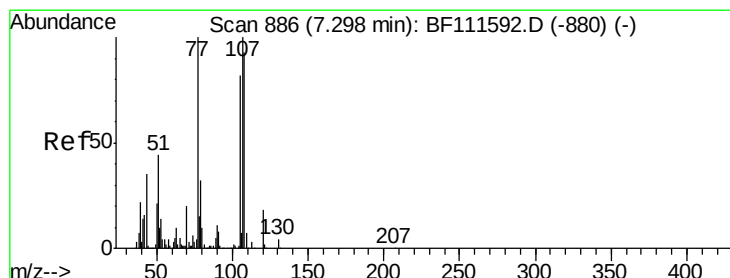
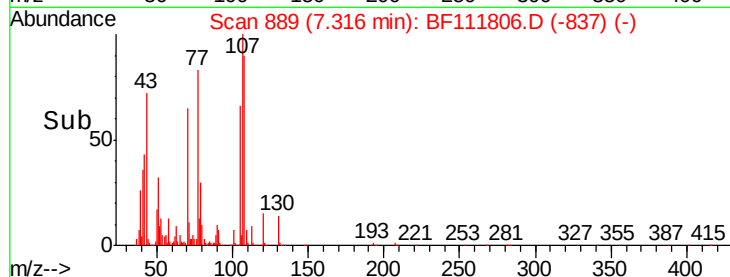
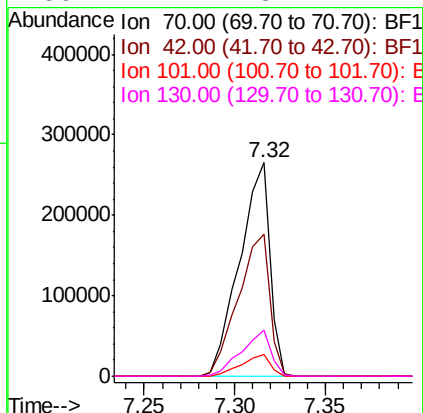
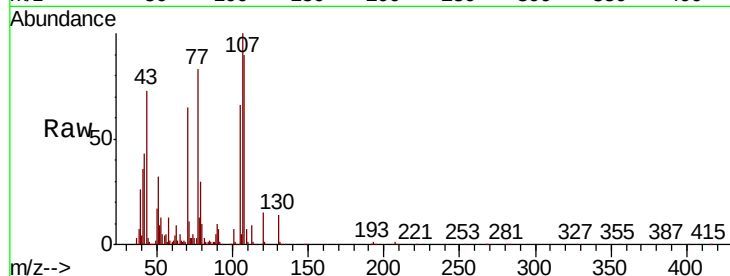




#19
n-Nitroso-di-n-propylamine
Concen: 40.822 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

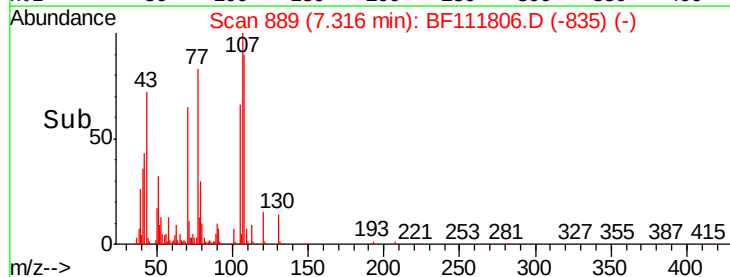
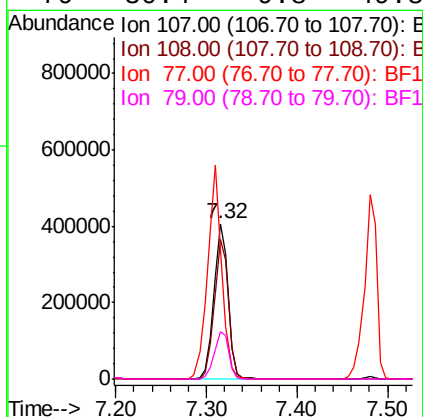
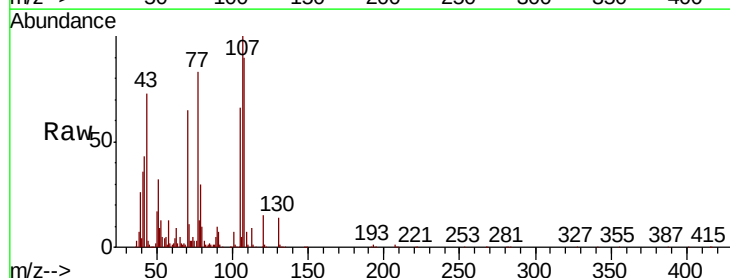
Instrument :
BNA_F
ClientSampleId :

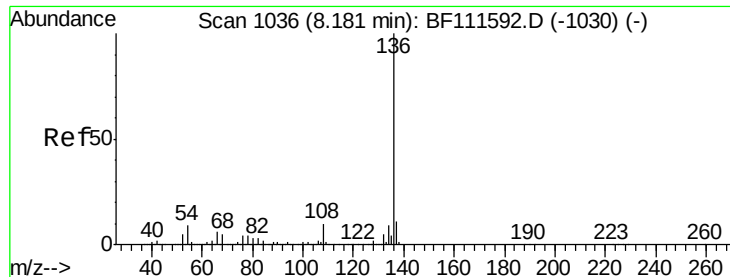
Tot Ion: 70 Resp: 308905
Ion Ratio Lower Upper
70 100
42 66.5 53.2 79.8
101 10.1 8.2 12.4
130 21.4 18.1 27.1



#20
3+4-Methylphenols
Concen: 43.998 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion:107 Resp: 441503
Ion Ratio Lower Upper
107 100
108 89.7 72.1 112.1
77 82.8 94.1 134.1#
79 30.4 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111806.D

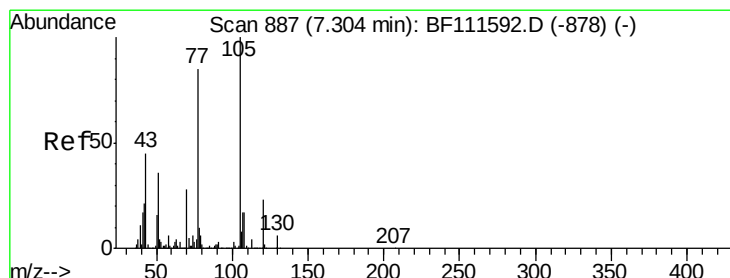
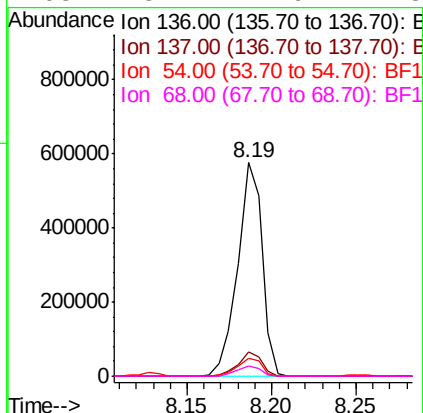
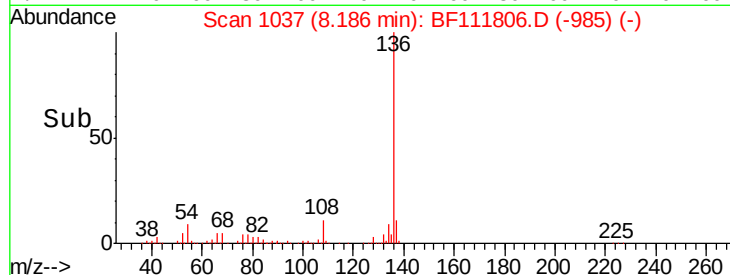
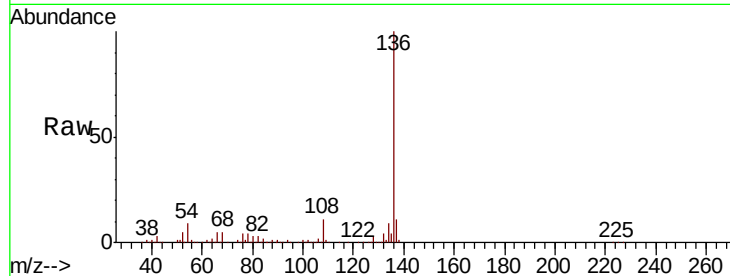
Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	583576
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.1 13.7
54	8.6	7.7 11.5
68	5.1	4.9 7.3



#22

Acetophenone

Concen: 39.299 ng

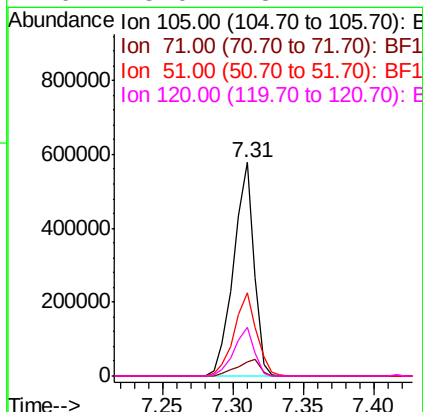
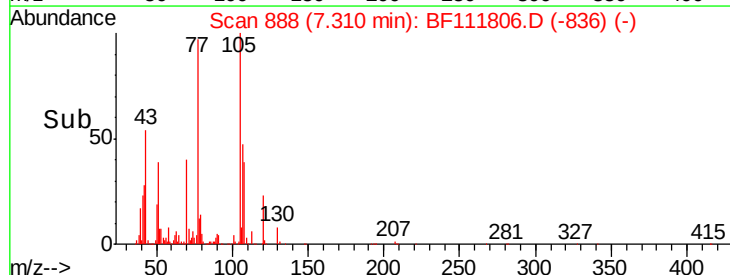
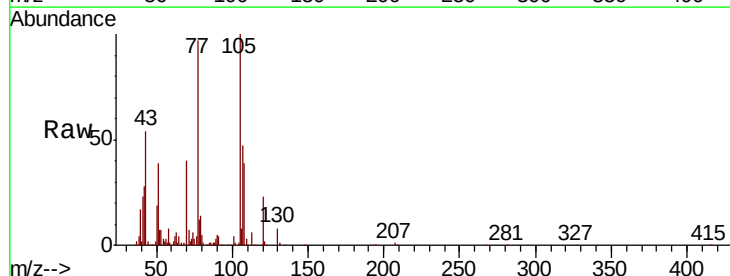
RT: 7.31 min Scan# 888

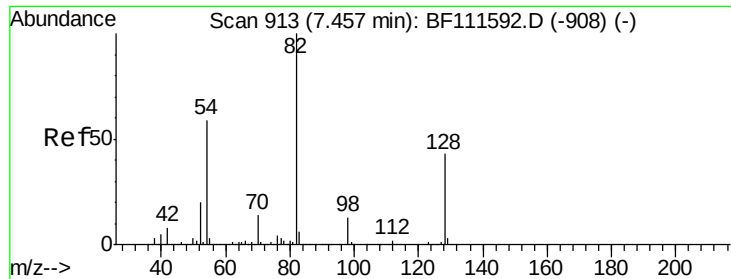
Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Tgt Ion:105	Resp:	581009
Ion	Ratio	Lower Upper
105	100	
71	6.6	3.1 4.7#
51	39.0	36.6 54.8
120	23.0	18.2 27.4

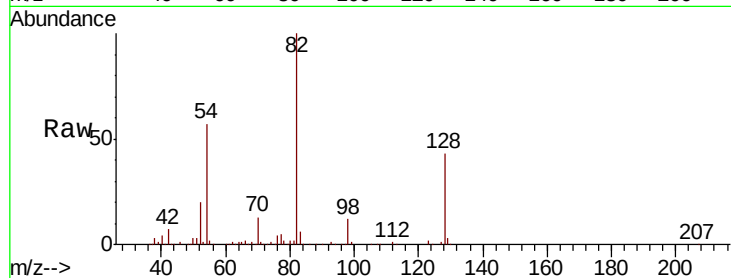




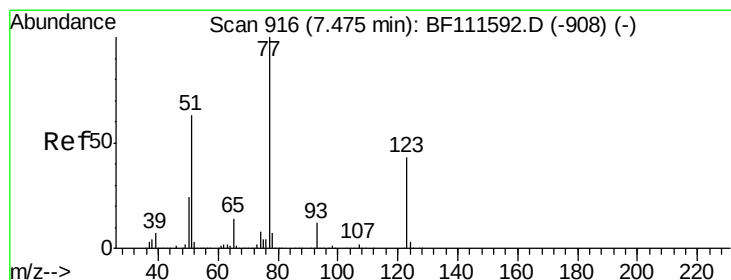
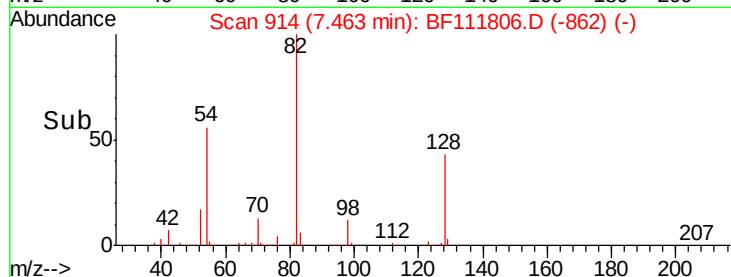
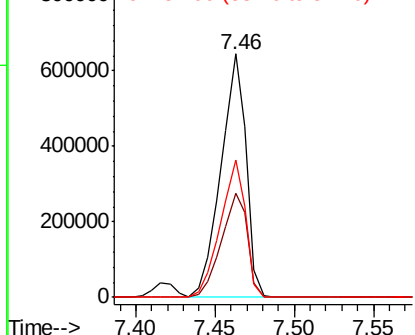
#23
 Nitrobenzene-d5
 Concen: 70.434 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	706155
Ion Ratio	100	Lower	Upper
128	42.9	37.4	56.2
54	56.6	47.6	71.4

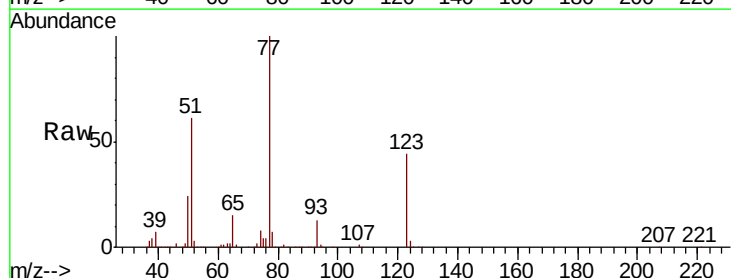


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

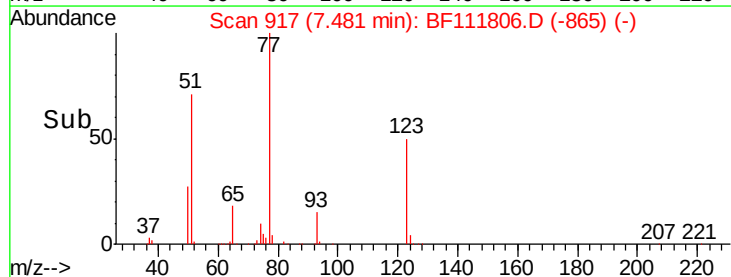
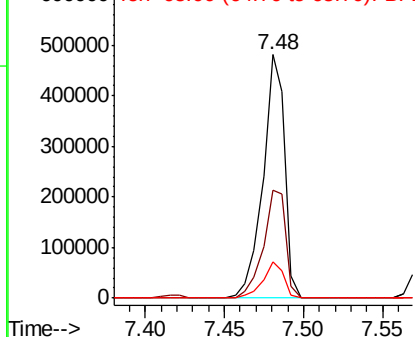


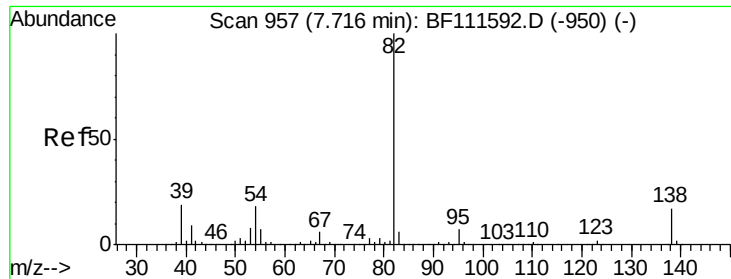
#24
 Nitrobenzene
 Concen: 44.068 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion	77	Resp	463065
Ion Ratio	100	Lower	Upper
123	44.4	37.2	55.8
65	15.1	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

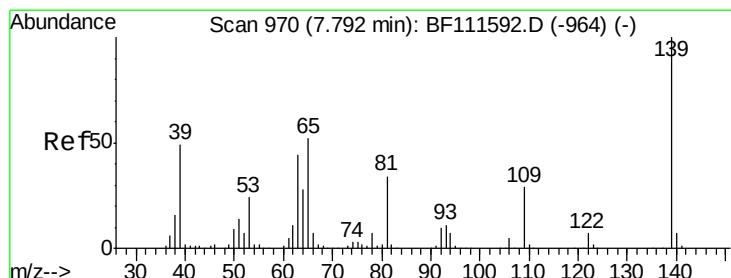
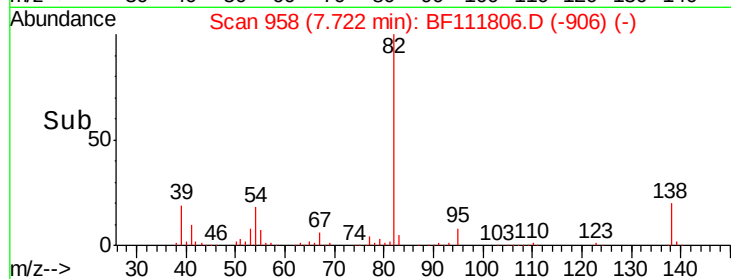
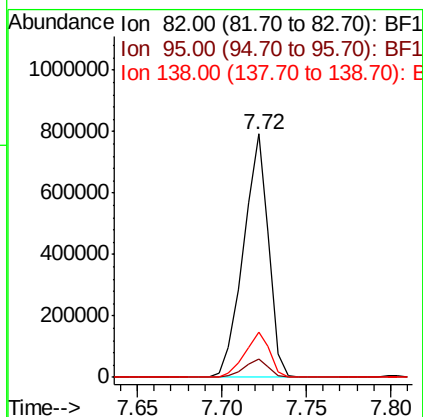
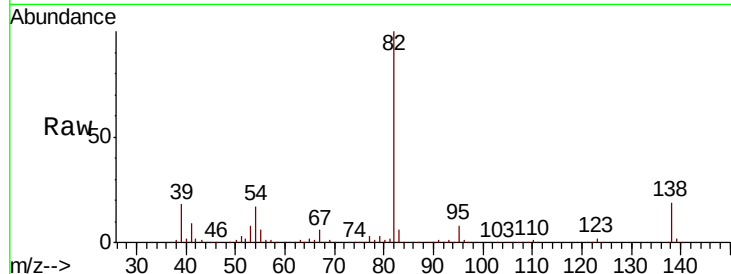




#25
Isophorone
Concen: 46.181 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

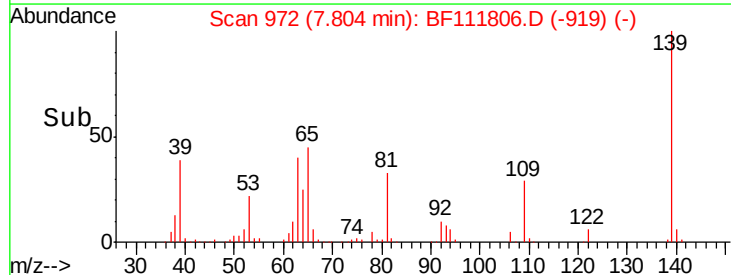
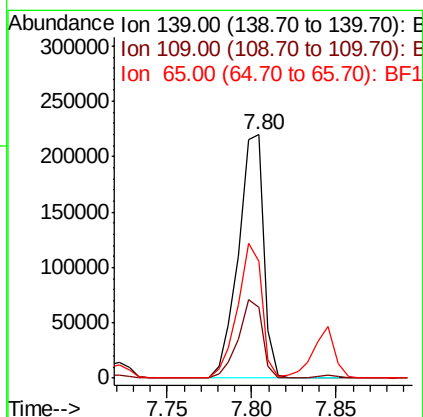
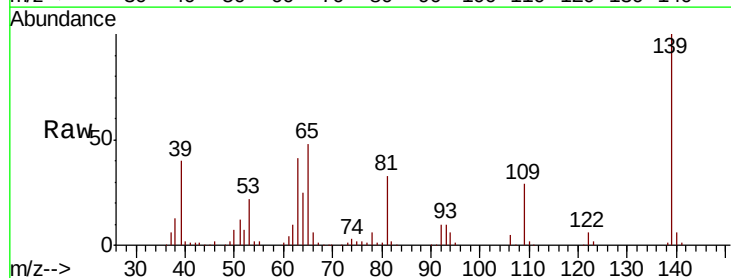
Instrument :
BNA_F
ClientSampleId :

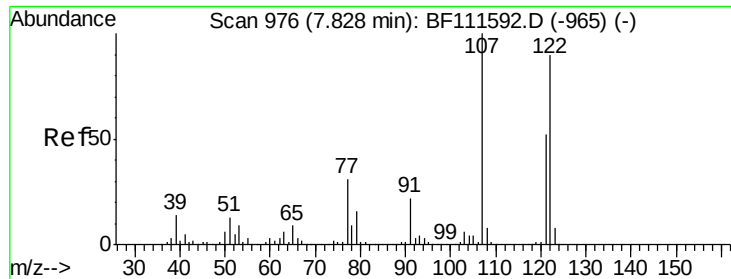
Tot Ion: 82 Resp: 821955
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.2
138 18.7 15.1 22.7



#26
2-Nitrophenol
Concen: 54.004 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion: 139 Resp: 230148
Ion Ratio Lower Upper
139 100
109 29.1 20.2 30.4
65 48.1 40.7 61.1

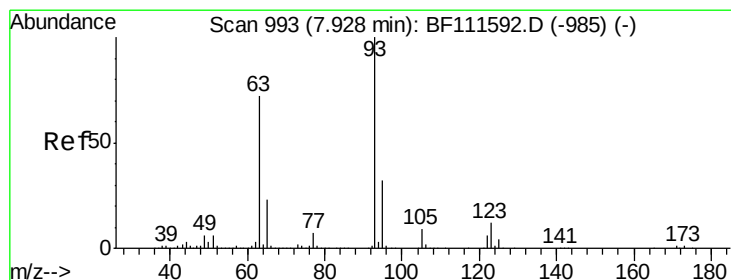
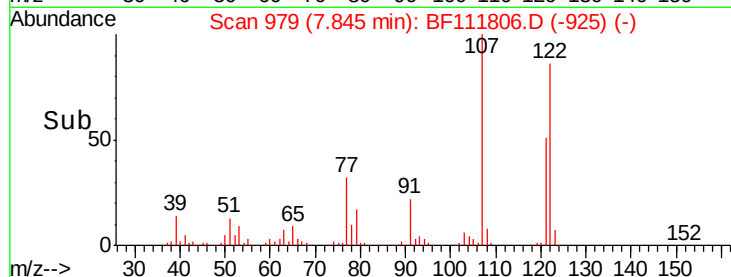
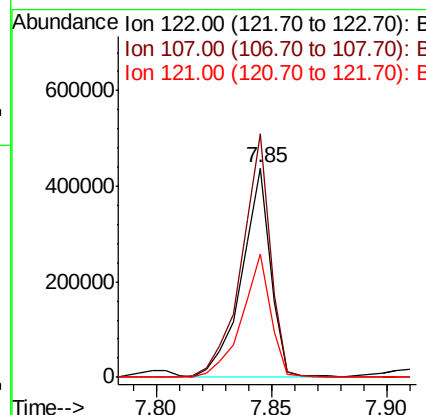
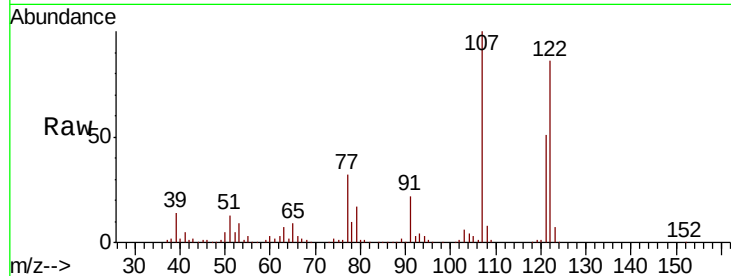




#27
 2,4-Dimethylphenol
 Concen: 45.333 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

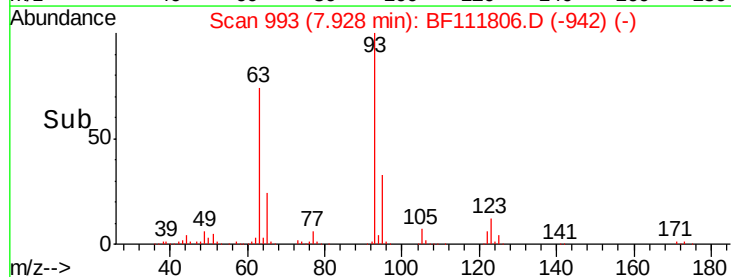
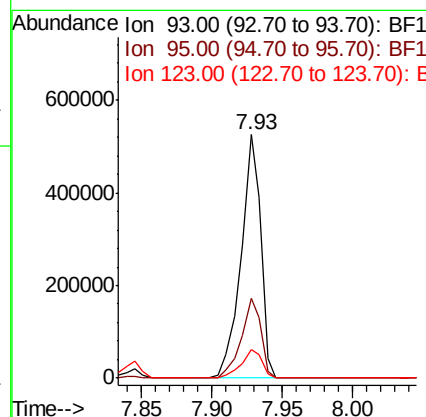
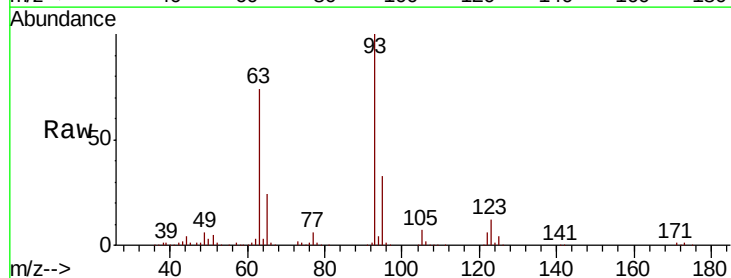
Instrument :
 BNA_F
 ClientSampled :

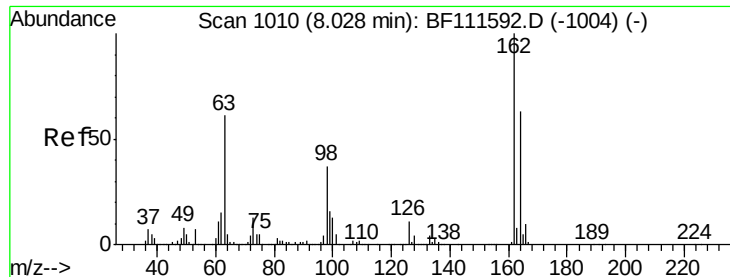
Tot Ion:122 Resp: 380834
 Ion Ratio Lower Upper
 122 100
 107 116.1 85.5 128.3
 121 58.9 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.043 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion: 93 Resp: 509804
 Ion Ratio Lower Upper
 93 100
 95 32.8 27.1 40.7
 123 11.7 9.9 14.9

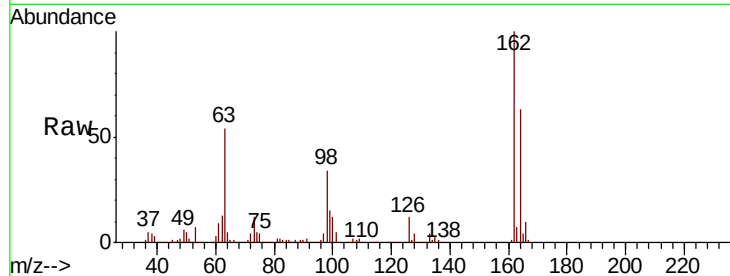




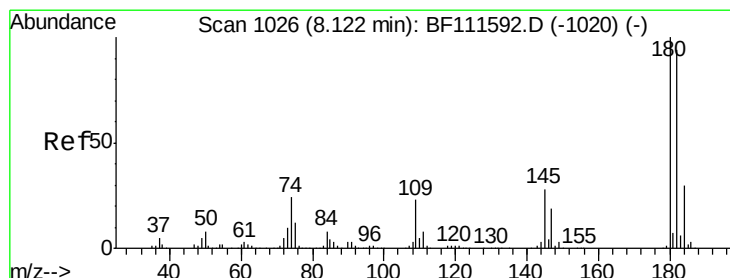
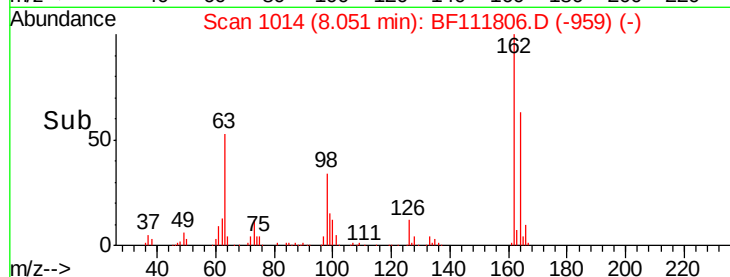
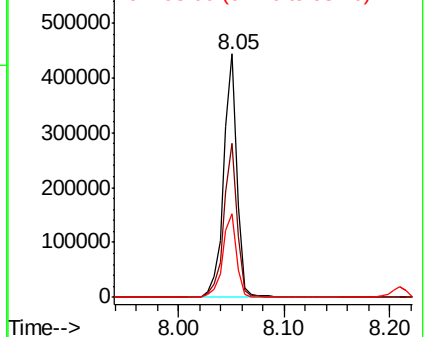
#29
2,4-Dichlorophenol
Concen: 43.482 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.4	84.4
98	34.4	20.3	60.3

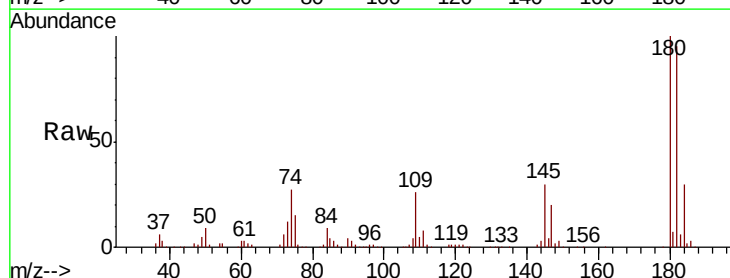


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

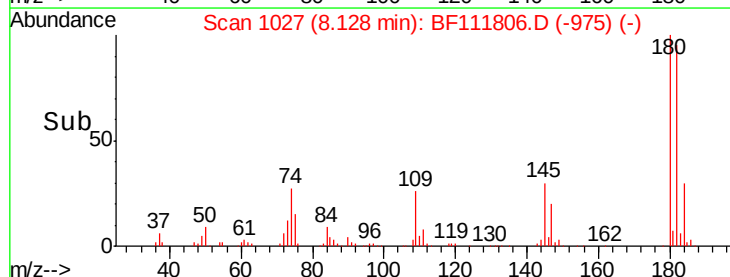
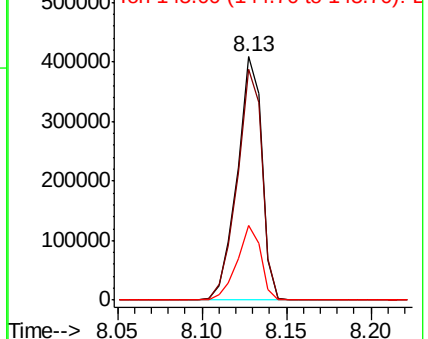


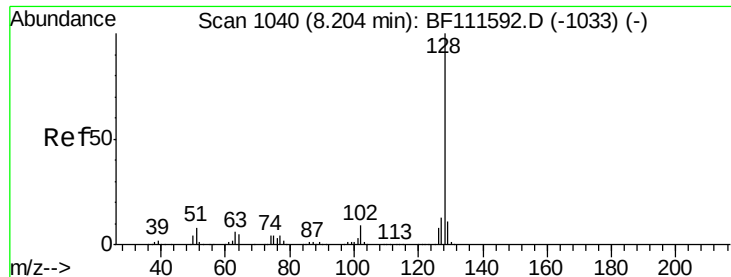
#30
1,2,4-Trichlorobenzene
Concen: 41.197 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.6	113.4
145	30.4	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

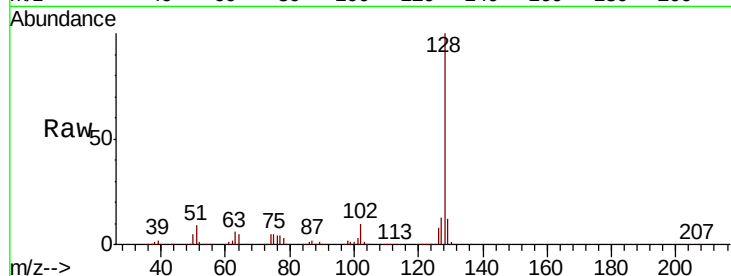




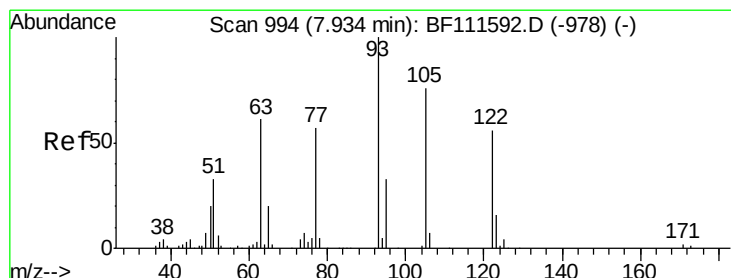
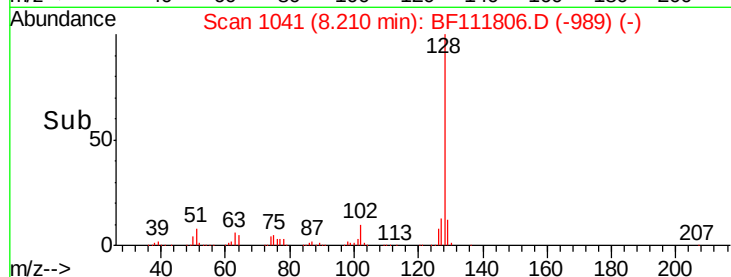
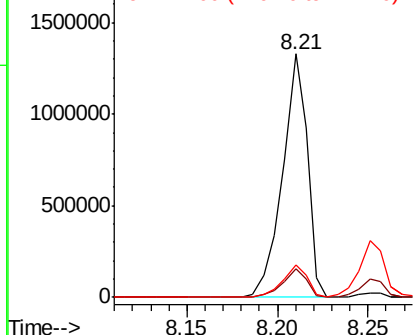
#31
Naphthalene
Concen: 45.267 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1269293
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.8
127 13.5 12.0 18.0

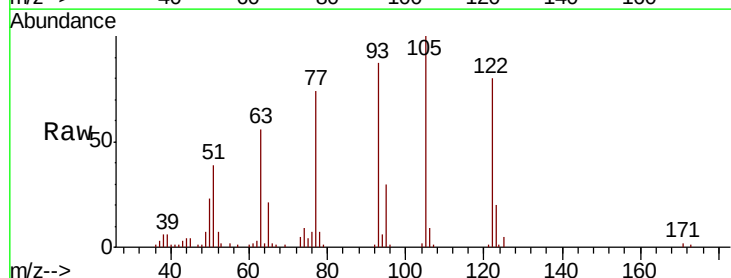


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

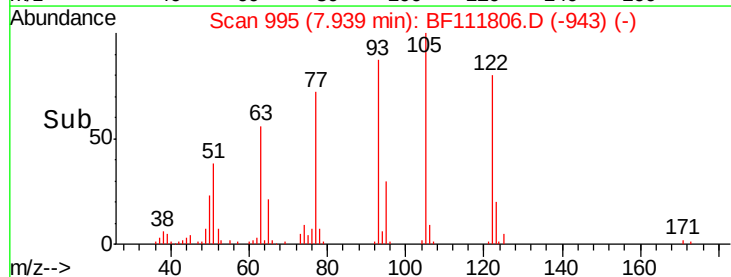
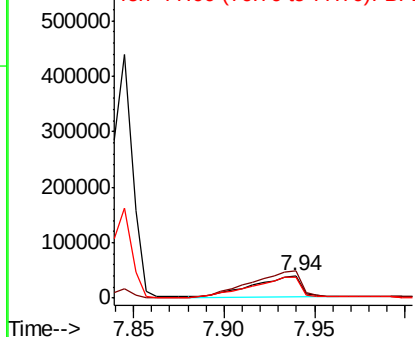


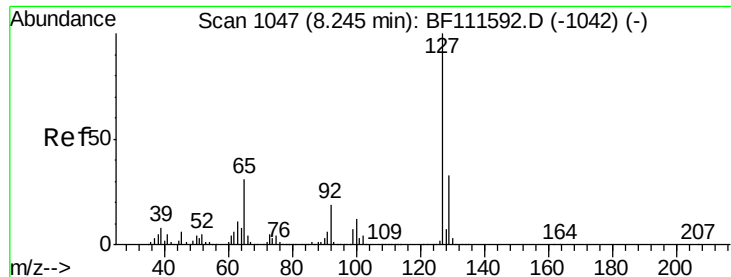
#32
Benzoic acid
Concen: 12.811 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion:122 Resp: 71160
Ion Ratio Lower Upper
122 100
105 125.1 97.0 137.0
77 92.6 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

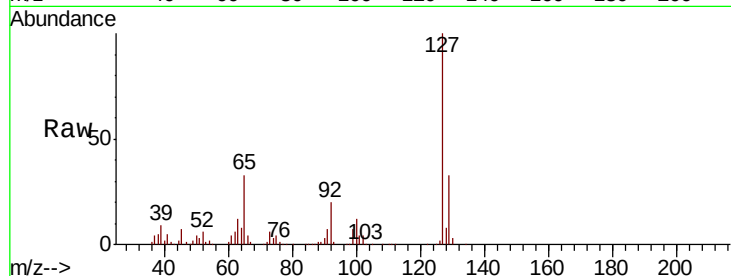




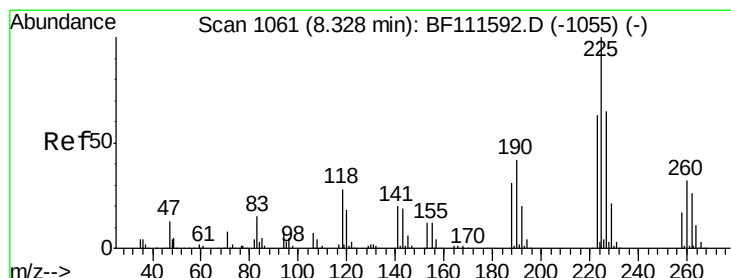
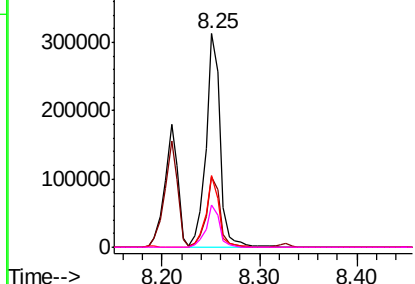
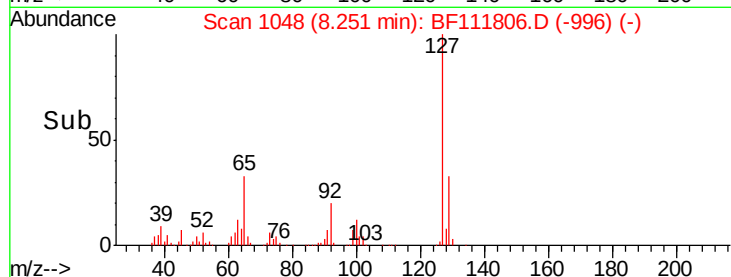
#33
4-Chloroaniline
Concen: 25.829 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	313036
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	33.3	25.7	38.5
92	19.9	15.4	23.2

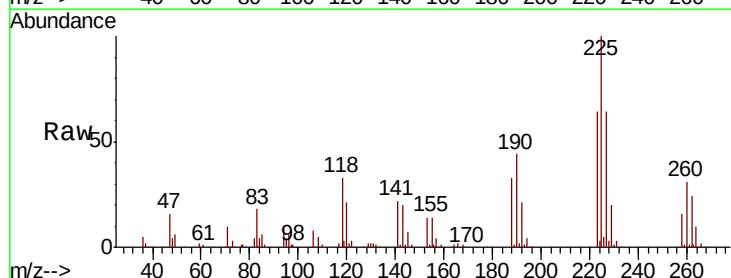


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

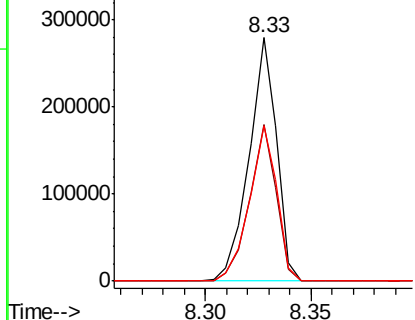
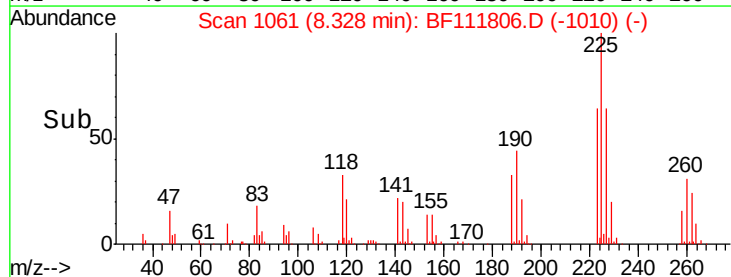


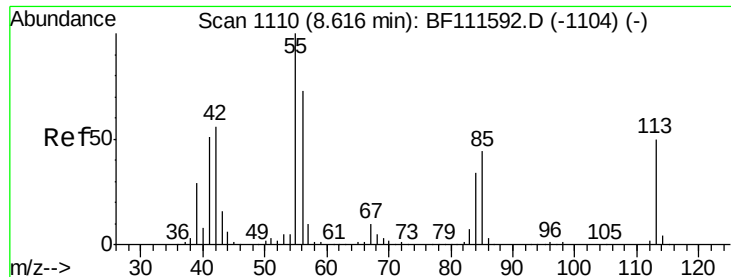
#34
Hexachlorobutadiene
Concen: 41.271 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion:	225	Resp:	253272
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.7	76.1
227	63.6	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

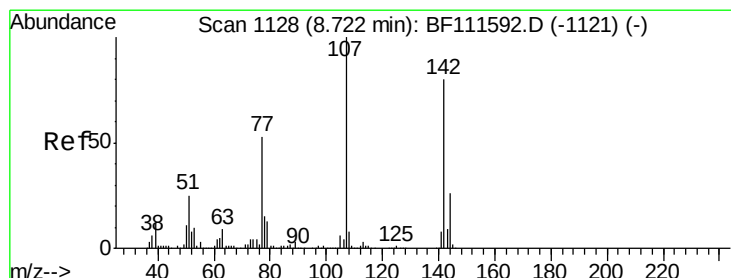
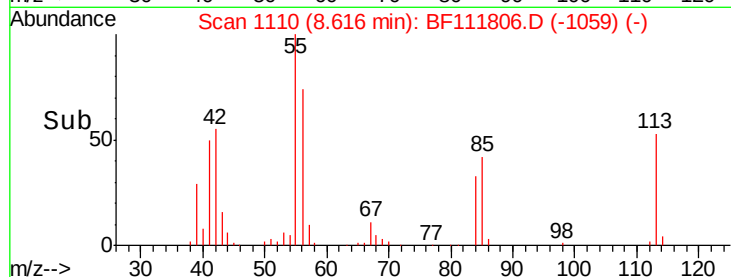
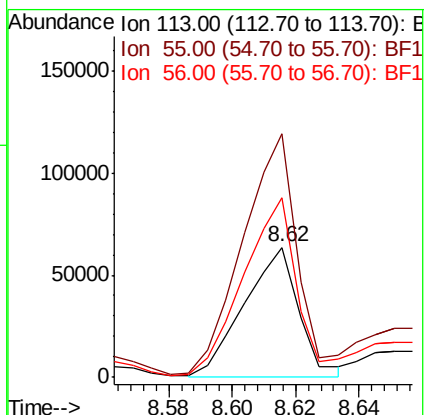
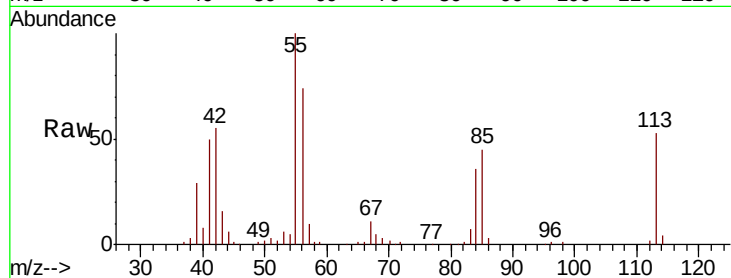




#35
 Caprolactam
 Concen: 25.007 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

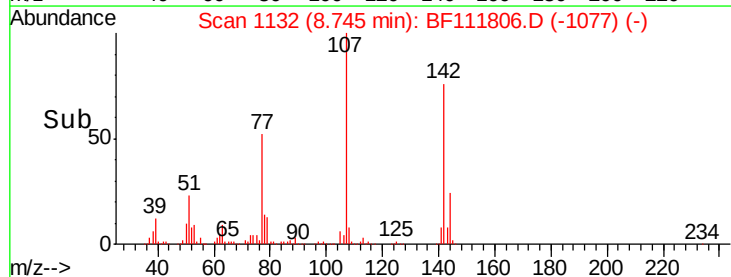
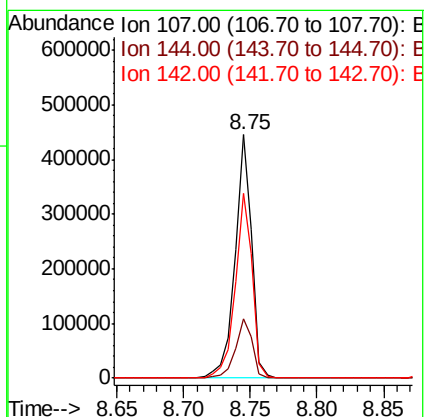
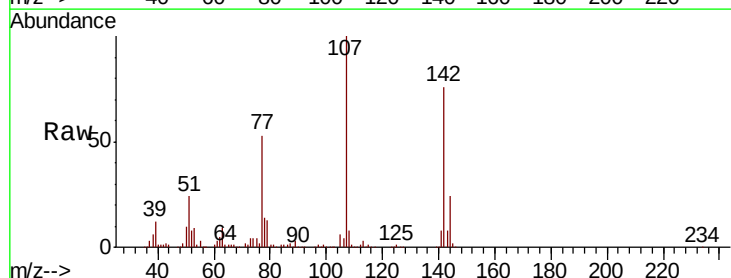
Instrument :
 BNA_F
 ClientSampleId :

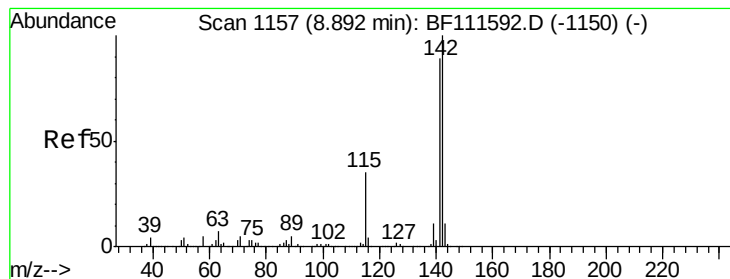
Tot Ion:113 Resp: 76569
 Ion Ratio Lower Upper
 113 100
 55 187.7 184.1 224.1
 56 138.2 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 43.787 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion:107 Resp: 388928
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.8 29.6
 142 75.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 47.425 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

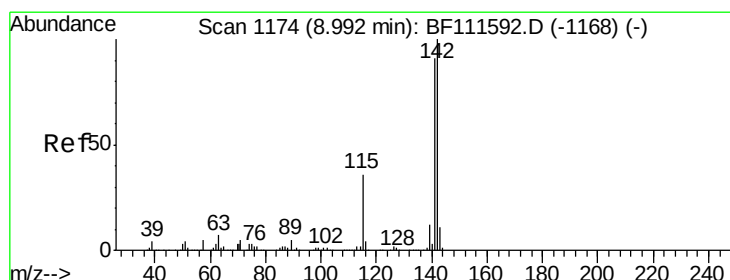
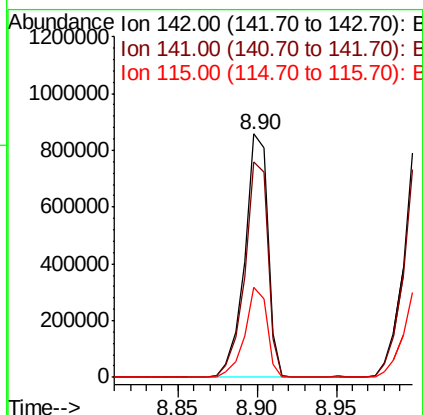
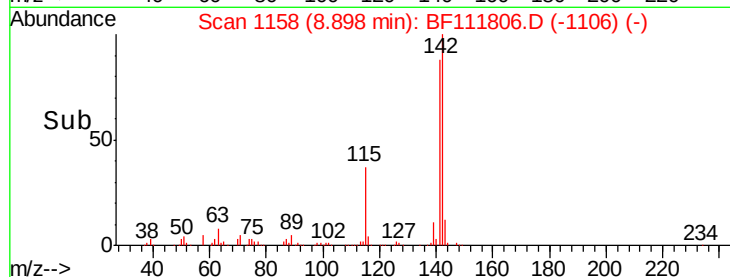
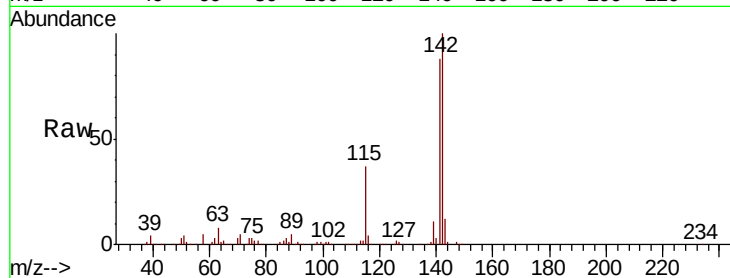
Tot Ion:142 Resp: 865169

Ion Ratio Lower Upper

142 100

141 88.3 70.6 105.8

115 36.7 27.0 40.6



#38

1-Methylnaphthalene

Concen: 46.765 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

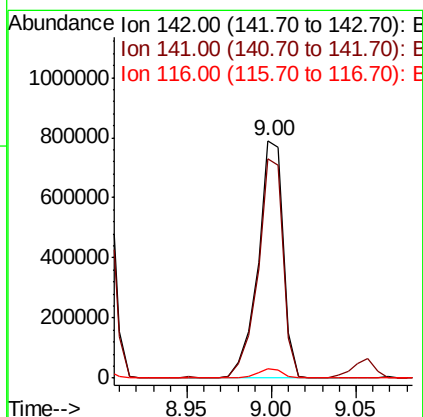
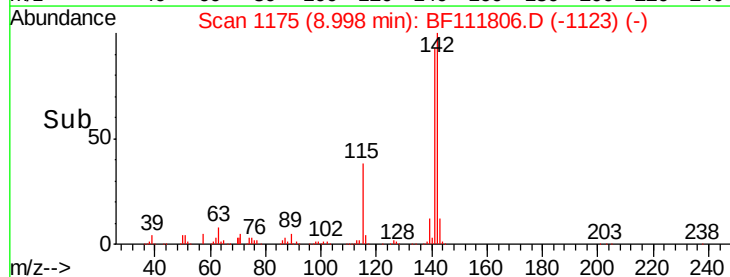
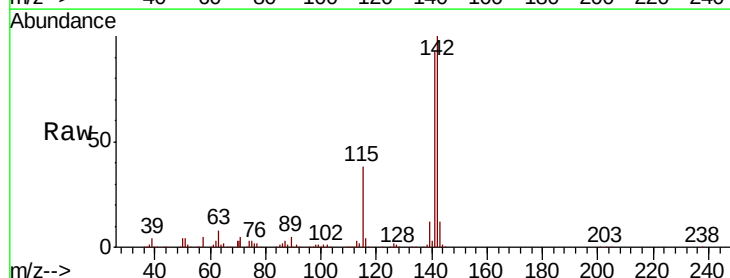
Tgt Ion:142 Resp: 819351

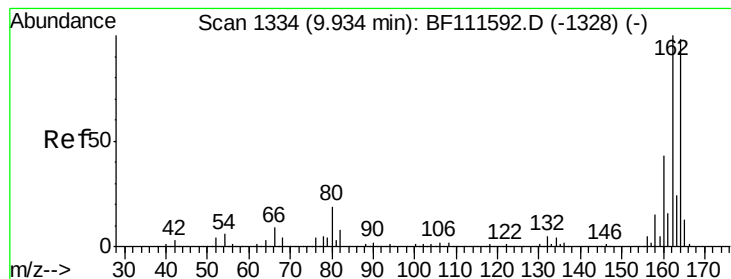
Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4

116 3.8 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: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampled :

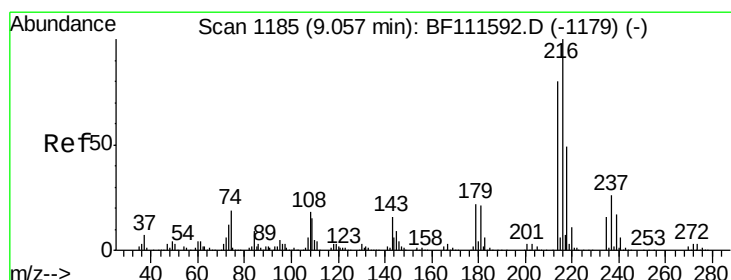
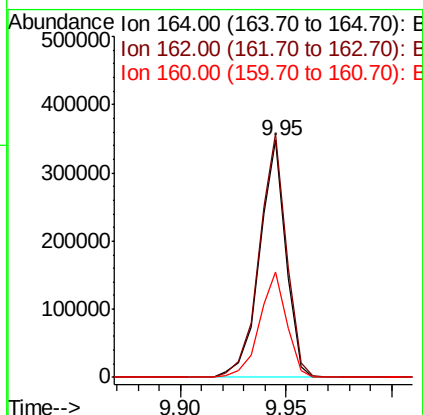
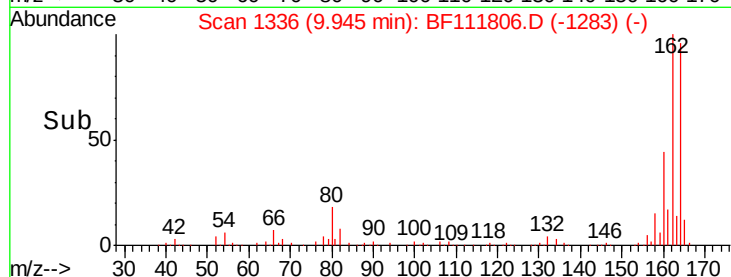
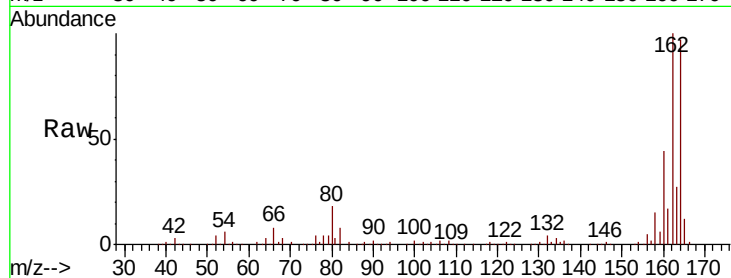
Tot Ion:164 Resp: 301731

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.0

160 44.8 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.907 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Tgt Ion:216 Resp: 415501

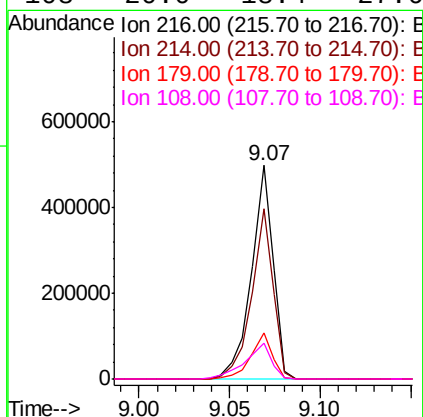
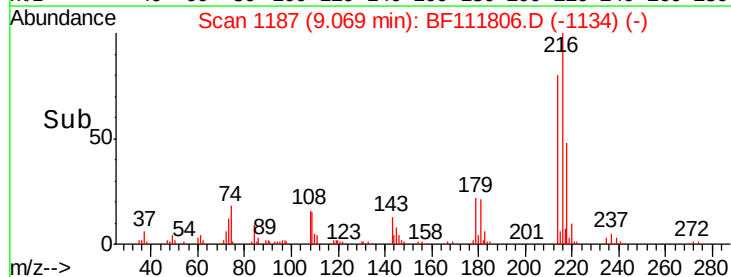
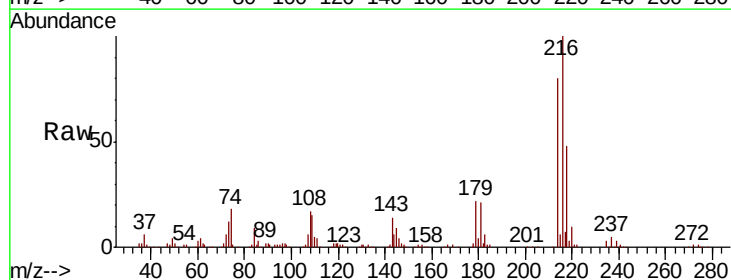
Ion Ratio Lower Upper

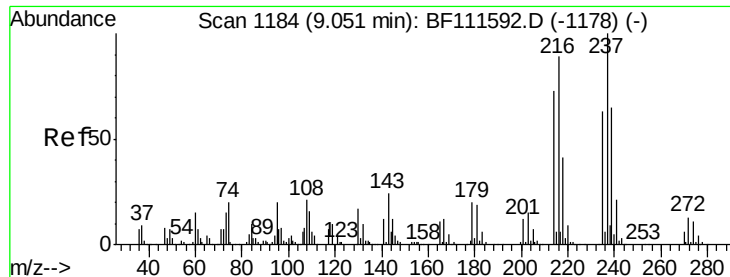
216 100

214 78.8 63.8 95.8

179 21.0 17.9 26.9

108 20.0 18.4 27.6

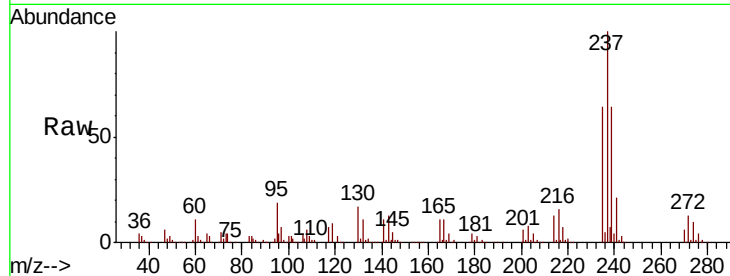




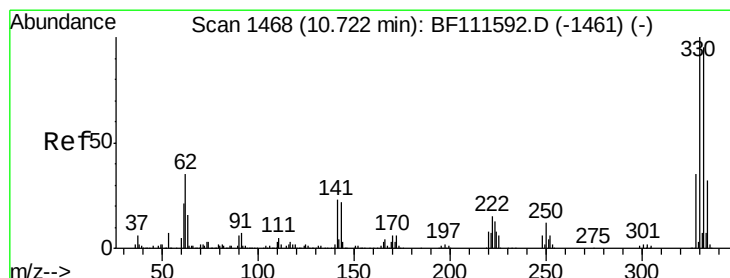
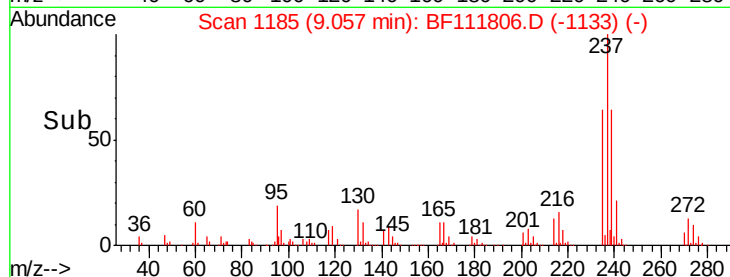
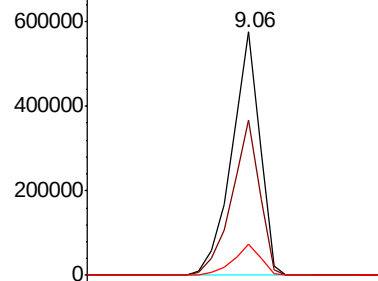
#41
Hexachlorocyclopentadiene
Concen: 110.820 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.1	83.1
272	12.9	0.0	33.0

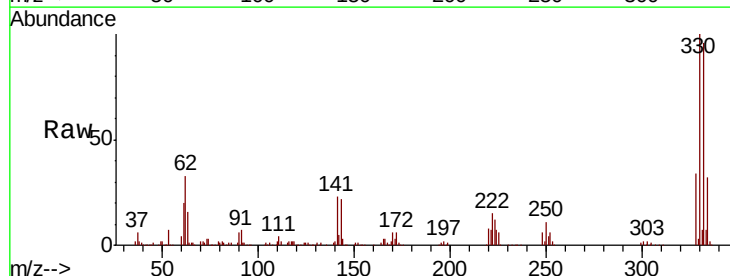


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

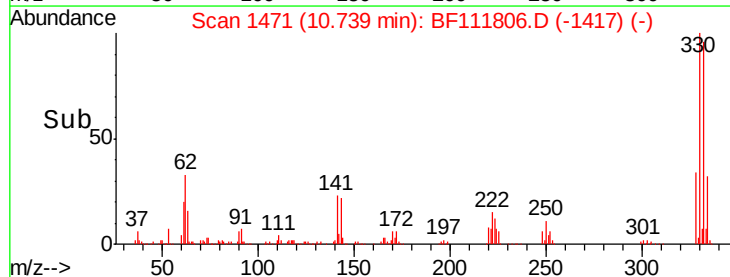
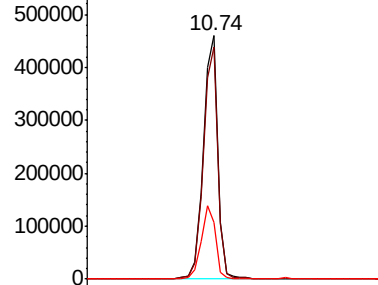


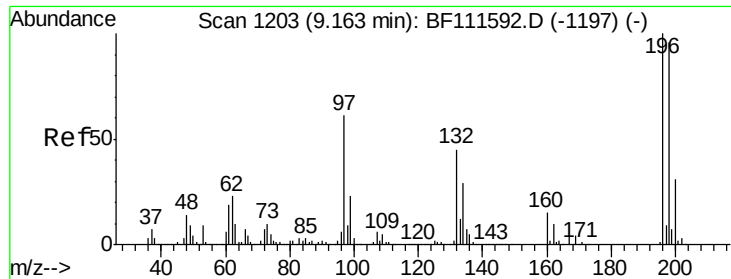
#42
2,4,6-Tribromophenol
Concen: 119.245 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	29.7	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

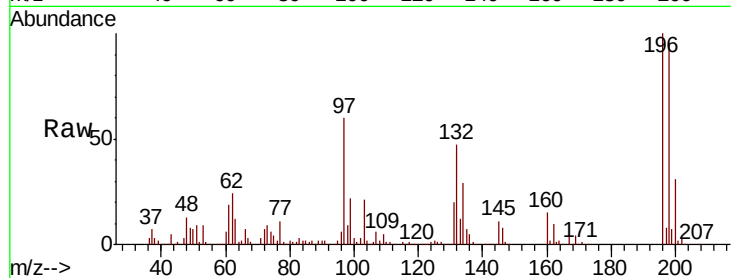




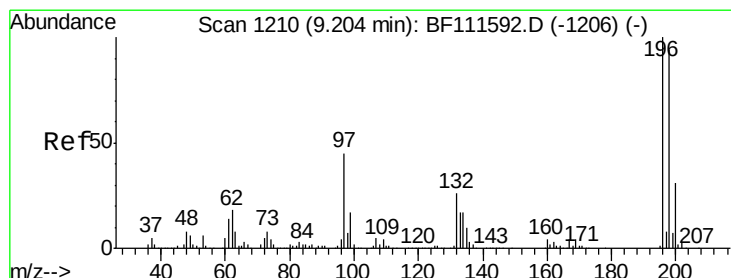
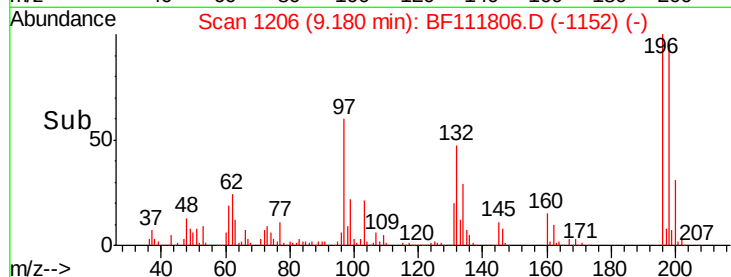
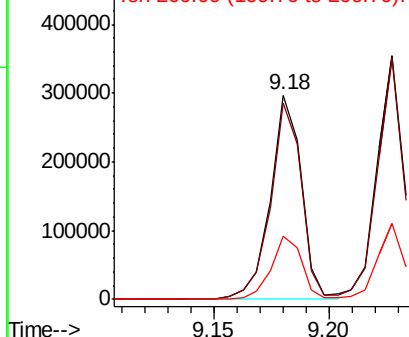
#43
 2,4,6-Trichlorophenol
 Concen: 42.014 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 278116
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.3 114.5
 200 30.8 24.9 37.3

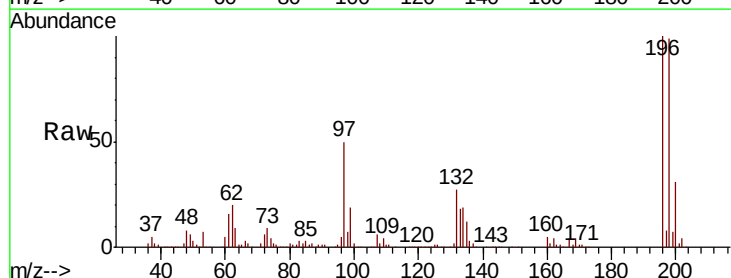


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

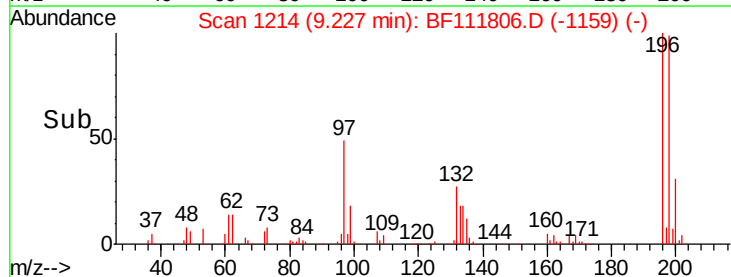
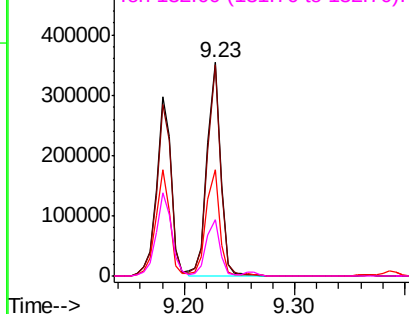


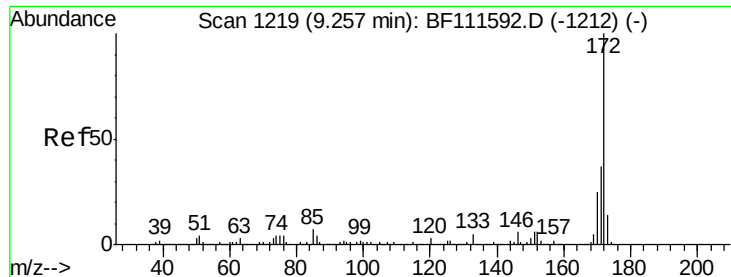
#44
 2,4,5-Trichlorophenol
 Concen: 42.952 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion:196 Resp: 291693
 Ion Ratio Lower Upper
 196 100
 198 99.0 72.9 109.3
 97 49.6 45.3 67.9
 132 26.6 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 68.003 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

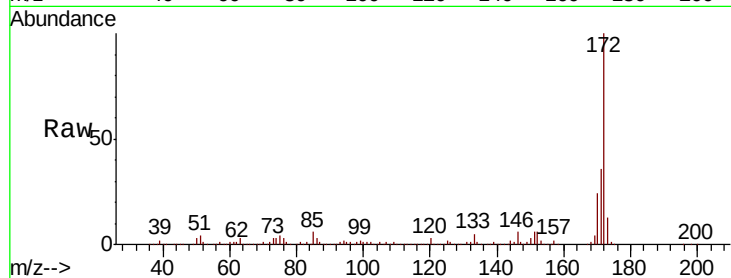
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1407731

Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.4	22.3	33.5

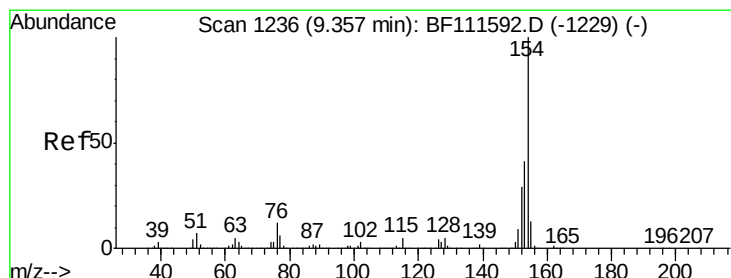
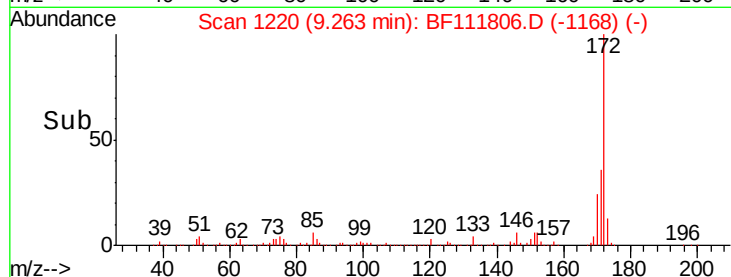
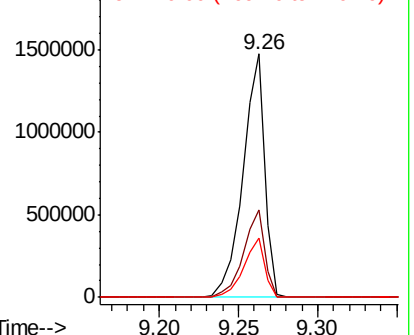


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.417 ng

RT: 9.36 min Scan# 1237

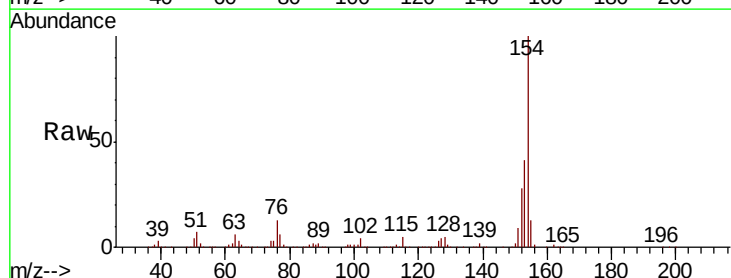
Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Tgt Ion:154 Resp: 1054923

Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.7	63.7
76	12.6	0.0	35.0

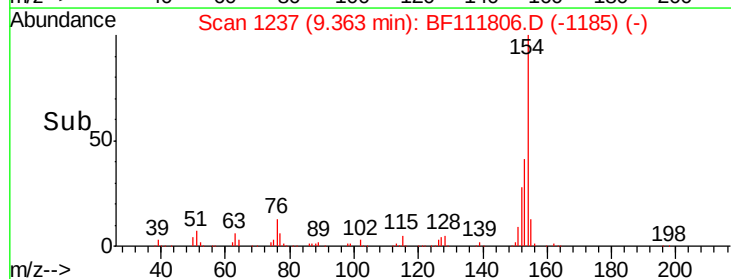
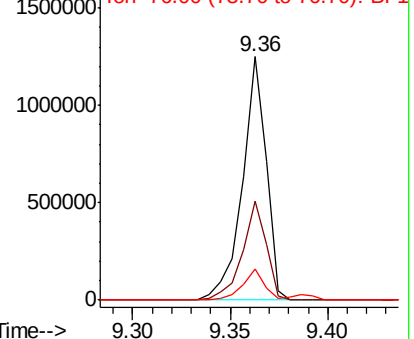


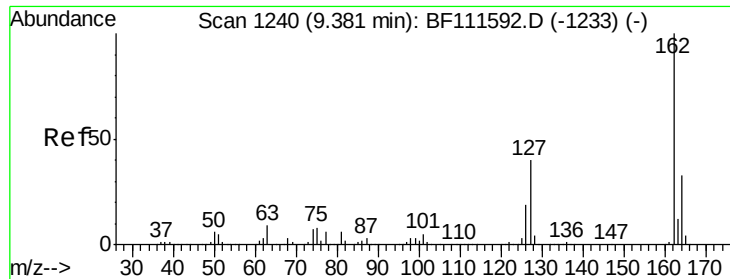
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

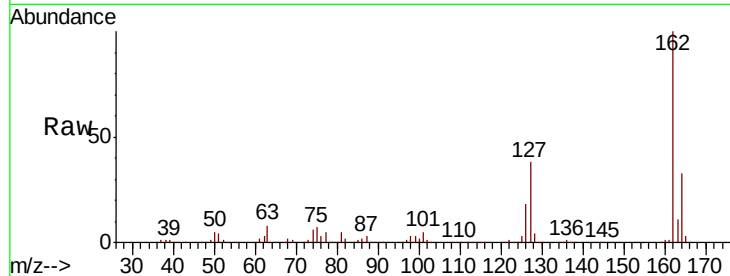




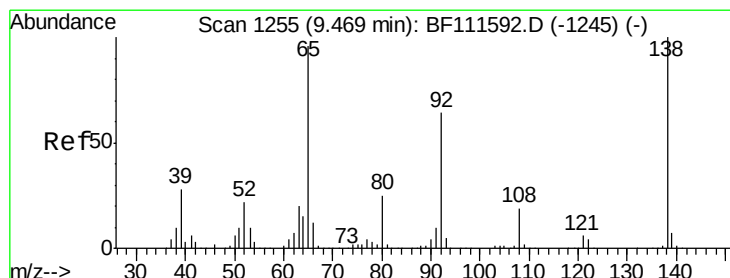
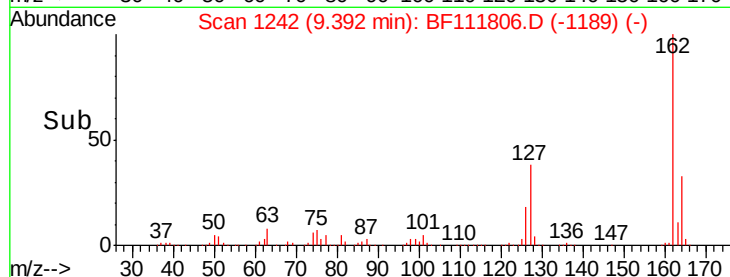
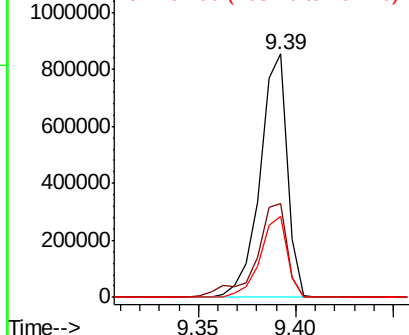
#47
 2-Chloronaphthalene
 Concen: 40.938 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 826127
 Ion Ratio Lower Upper
 162 100
 127 38.5 35.0 52.4
 164 33.3 28.4 42.6

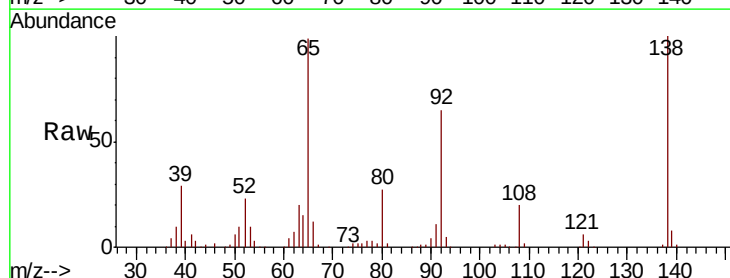


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

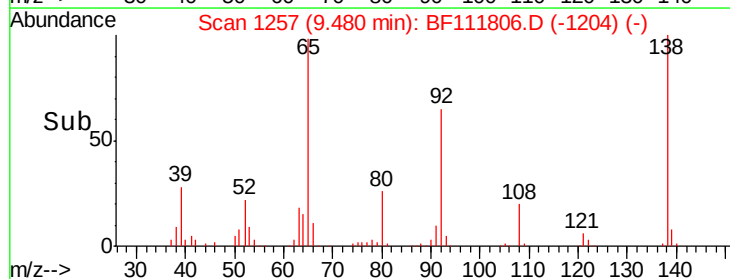
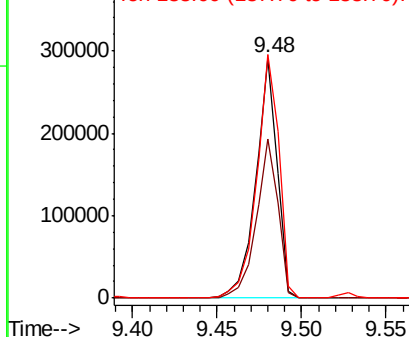


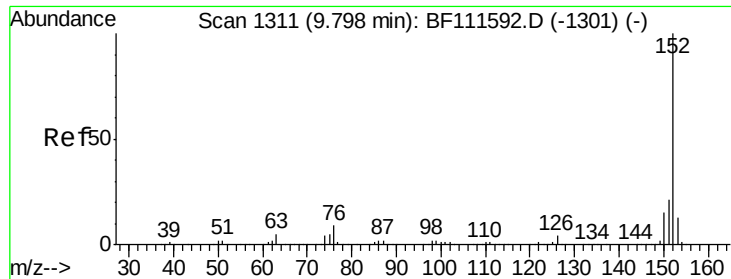
#48
 2-Nitroaniline
 Concen: 48.833 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion: 65 Resp: 256369
 Ion Ratio Lower Upper
 65 100
 92 66.3 53.5 80.3
 138 101.4 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: 45.115 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

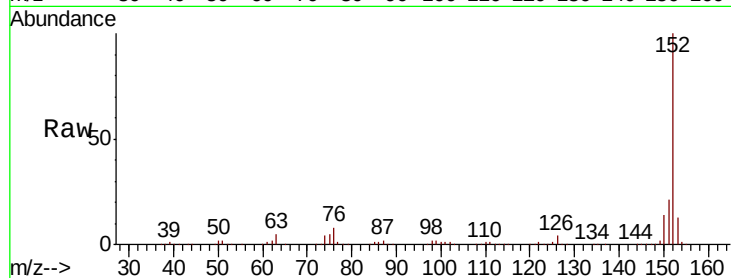
Tot Ion:152 Resp: 1329279

Ion Ratio Lower Upper

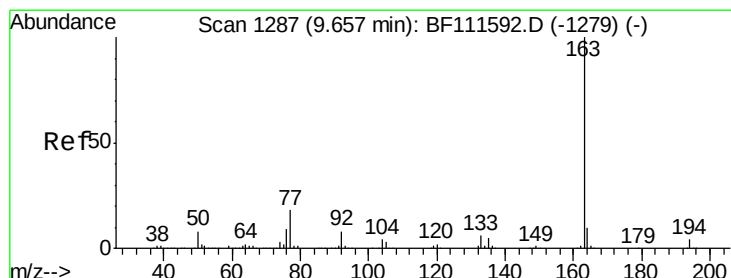
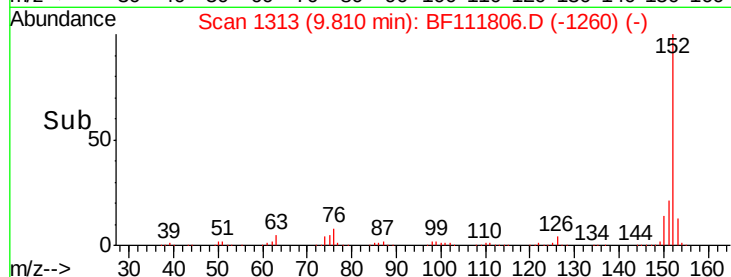
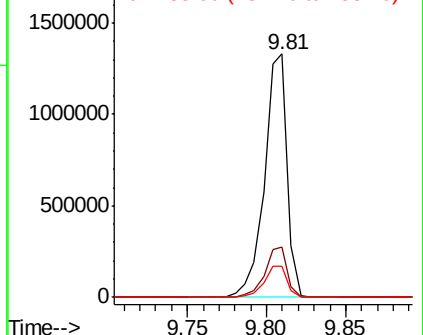
152 100

151 20.5 18.0 27.0

153 12.7 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: 44.730 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

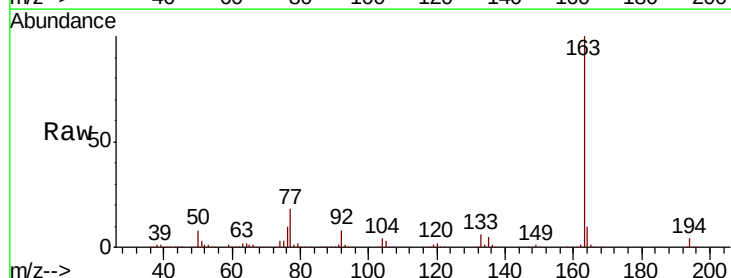
Tgt Ion:163 Resp: 986956

Ion Ratio Lower Upper

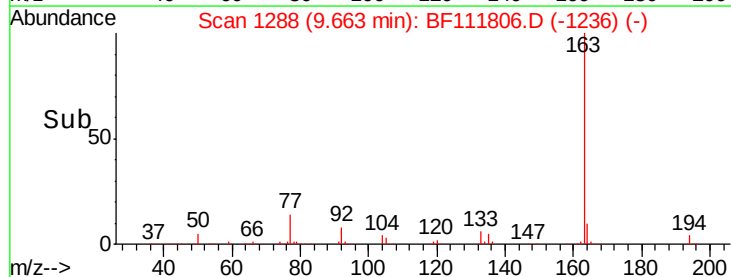
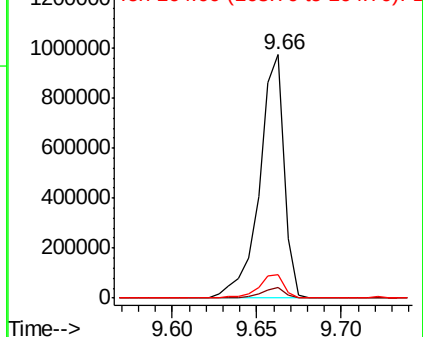
163 100

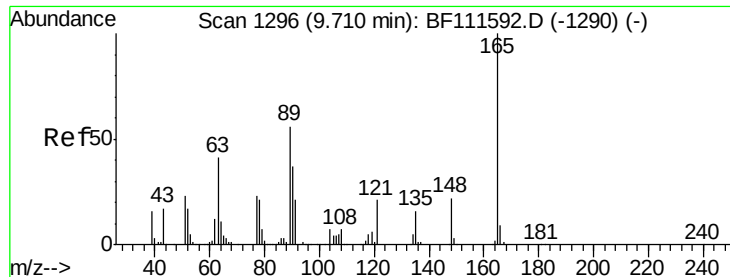
194 4.4 3.0 4.6

164 9.6 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

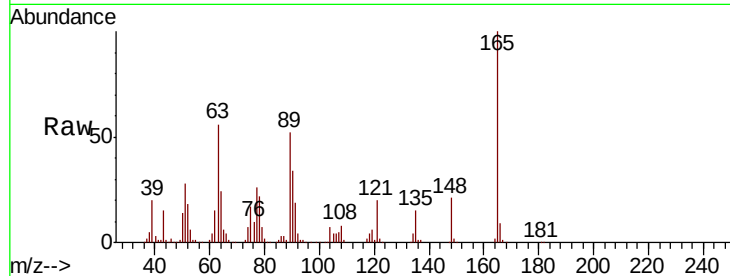




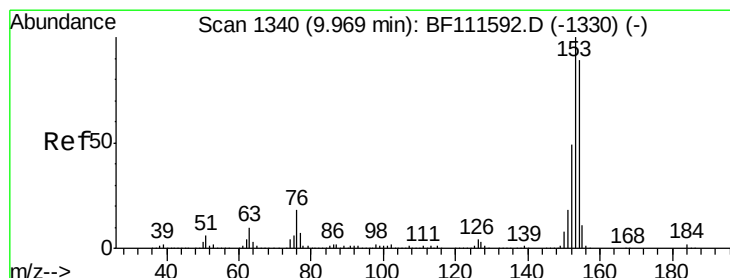
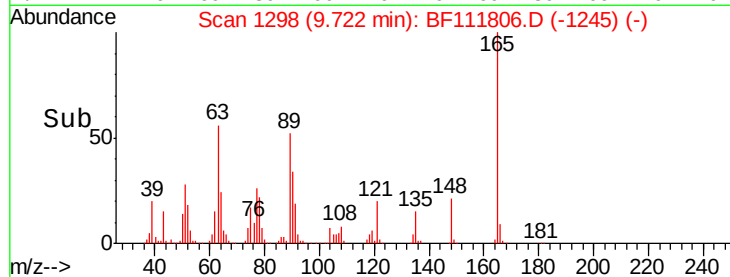
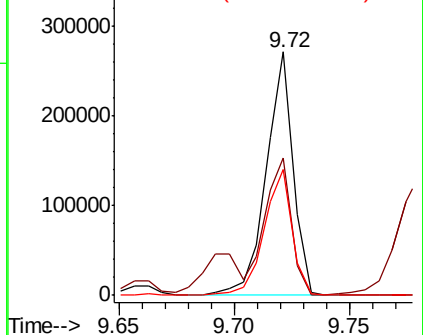
#51
 2,6-Dinitrotoluene
 Concen: 50.087 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 220366
 Ion Ratio Lower Upper
 165 100
 63 56.3 40.5 60.7
 89 51.6 40.0 60.0

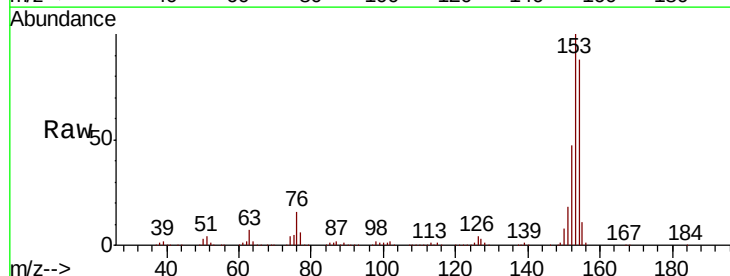


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

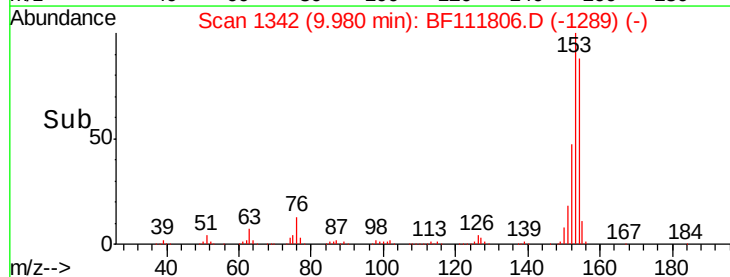
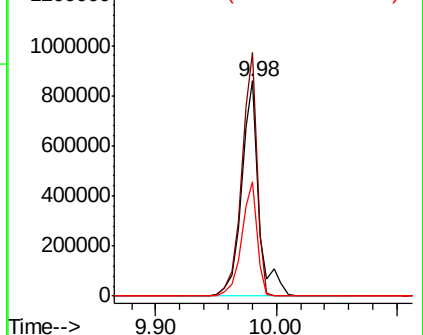


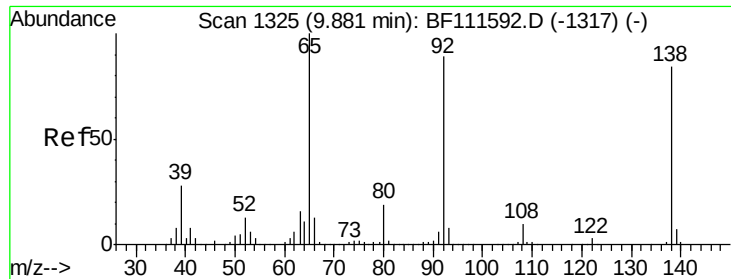
#52
 Acenaphthene
 Concen: 46.845 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion:154 Resp: 851289
 Ion Ratio Lower Upper
 154 100
 153 113.2 87.8 131.8
 152 52.9 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

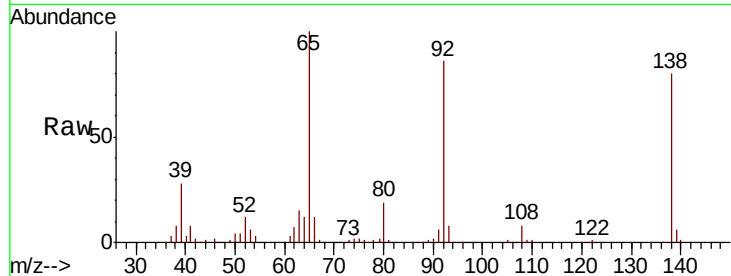




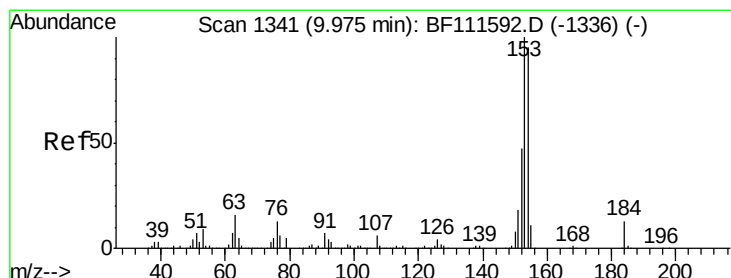
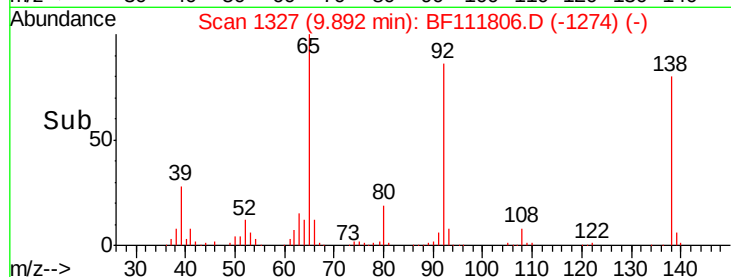
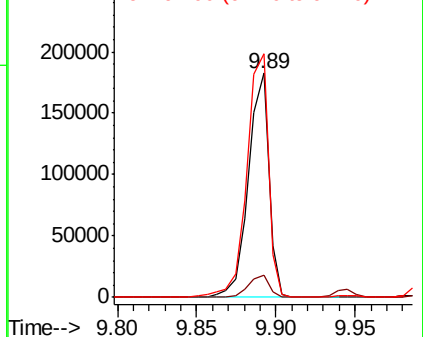
#53
3-Nitroaniline
Concen: 35.068 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 164545
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.4
92 108.6 93.4 140.2

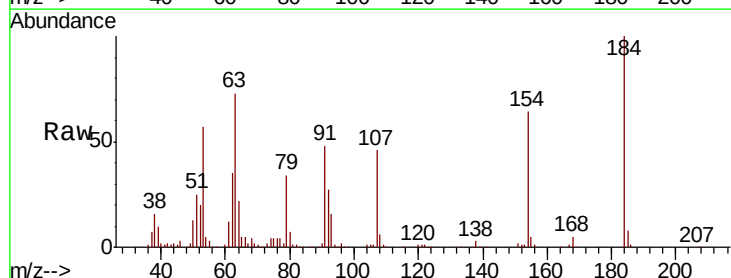


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

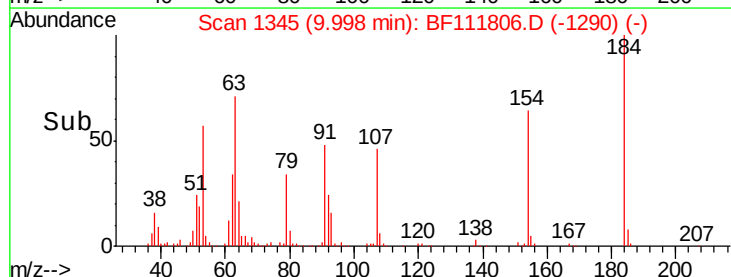
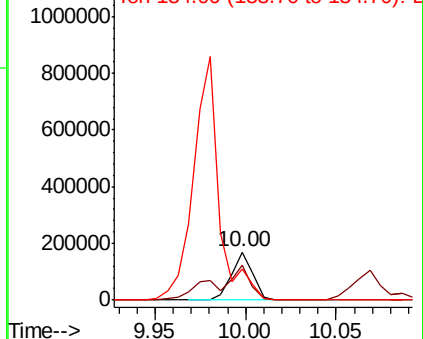


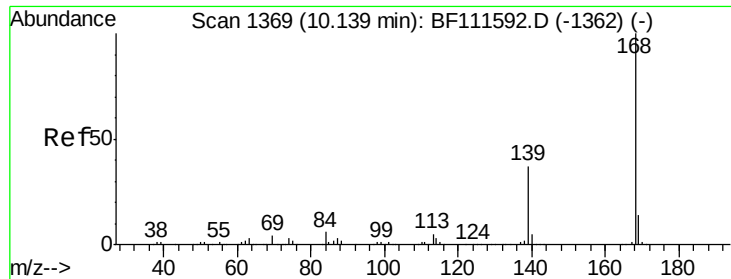
#54
2,4-Dinitrophenol
Concen: 98.599 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion:184 Resp: 141858
Ion Ratio Lower Upper
184 100
63 73.1 62.3 93.5
154 64.1 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

Dibenzofuran

Concen: 43.076 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

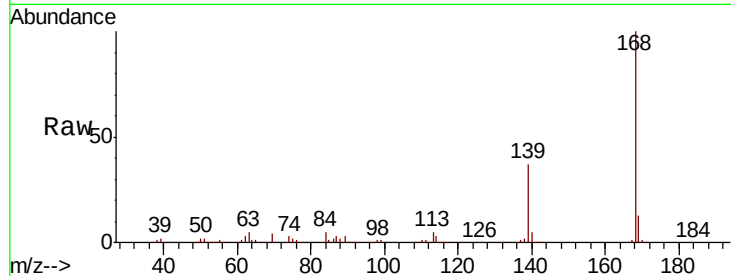
Tot Ion:168 Resp: 1182634

Ion Ratio Lower Upper

168 100

139 37.5 32.6 49.0

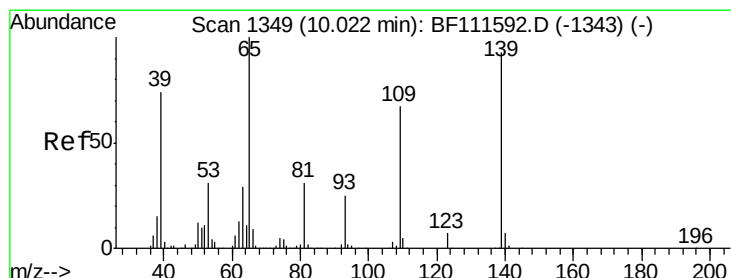
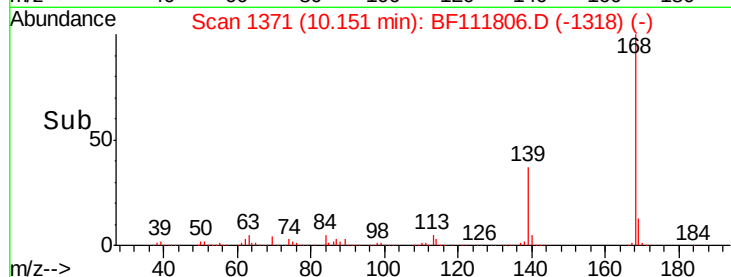
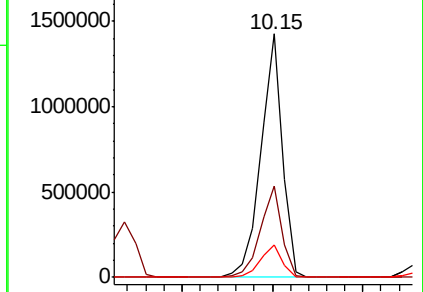
169 13.4 11.8 17.6



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: 92.254 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.05 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

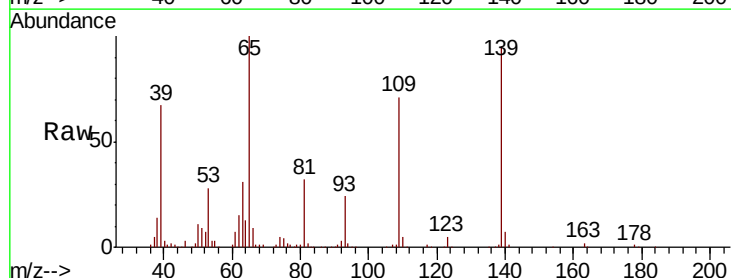
Tgt Ion:139 Resp: 330354

Ion Ratio Lower Upper

139 100

109 74.8 41.8 81.8

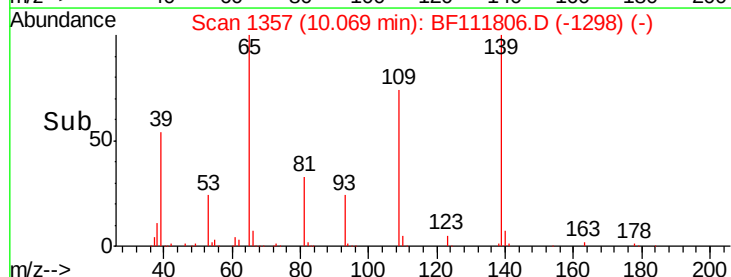
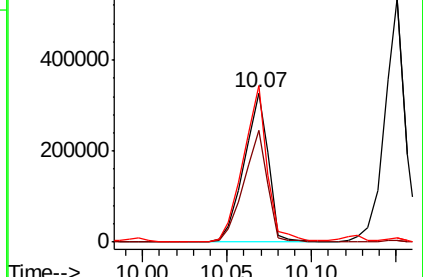
65 104.9 79.6 119.6

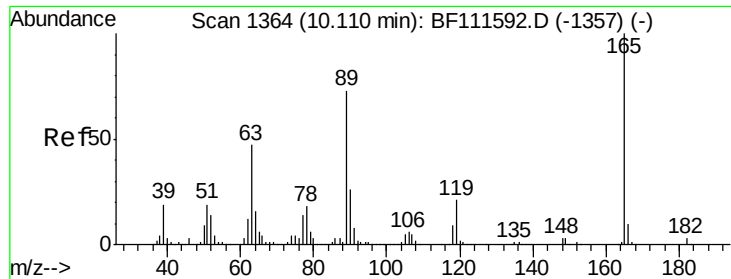


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

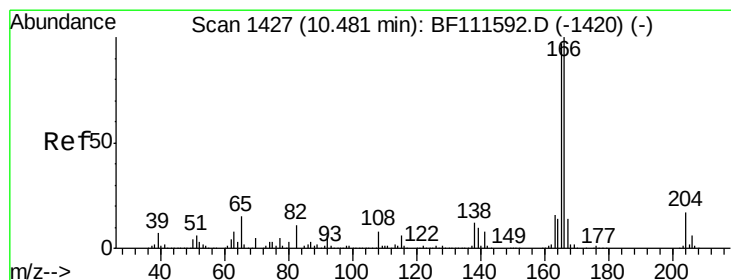
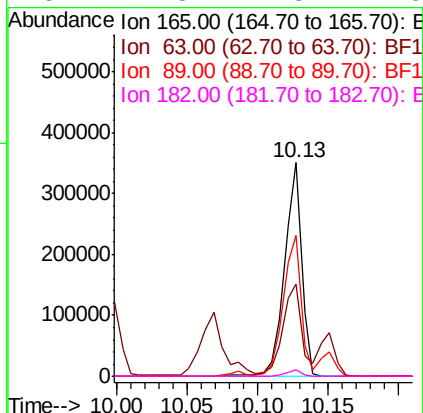
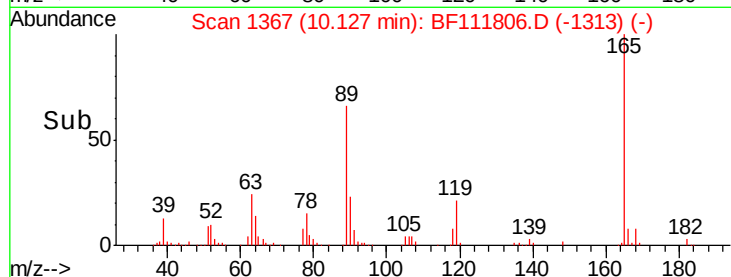
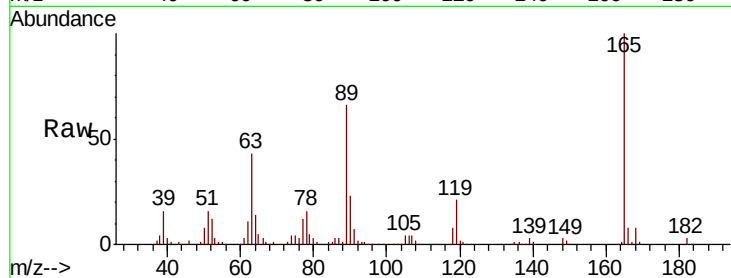




#57
2,4-Dinitrotoluene
Concen: 56.065 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

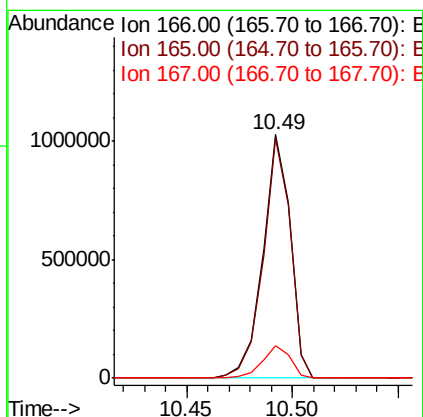
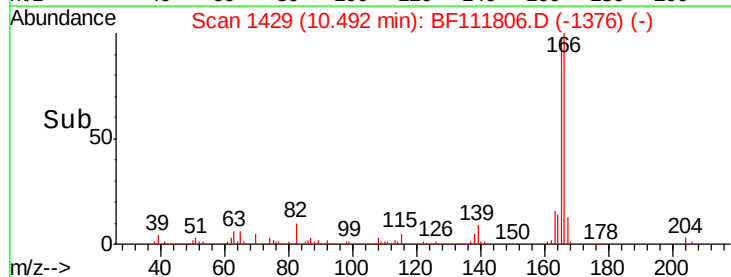
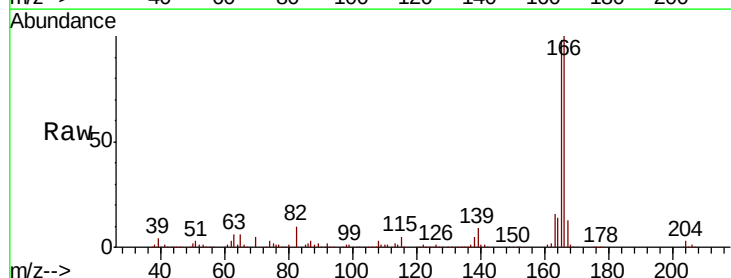
Instrument :
BNA_F
ClientSampleId :

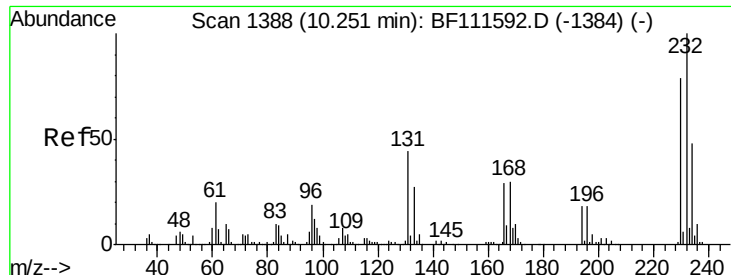
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.9	34.6	52.0
89	66.1	56.2	84.4
182	2.8	1.8	2.6



#58
Fluorene
Concen: 47.123 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.4	117.6
167	13.1	11.2	16.8

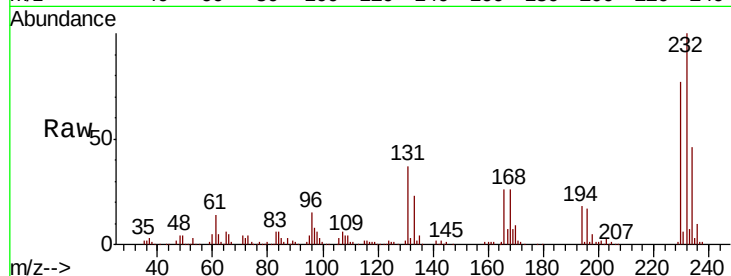




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.257 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	40.9	61.3
130	2.0	2.0	3.0
166	29.0	26.8	40.2



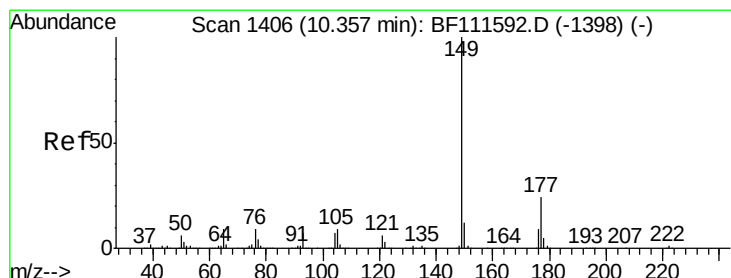
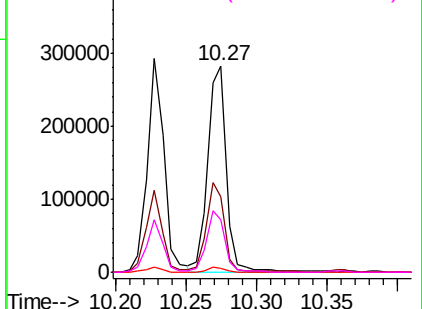
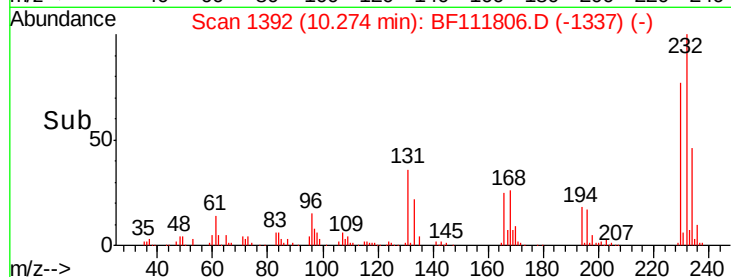
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

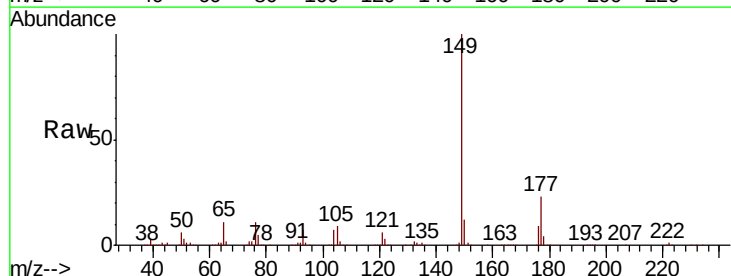
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.258 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.5	10.6	15.8

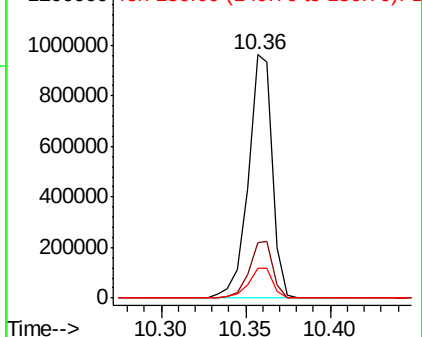
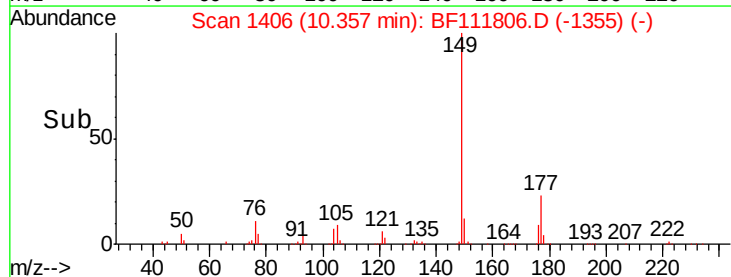


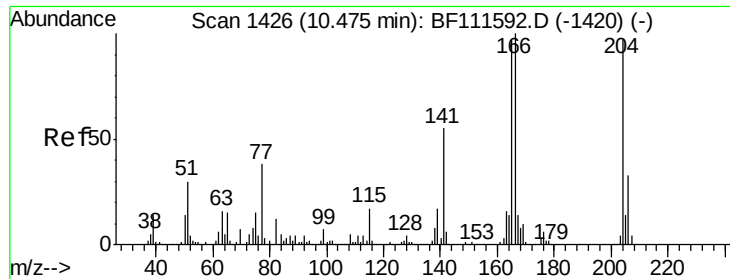
Abundance

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

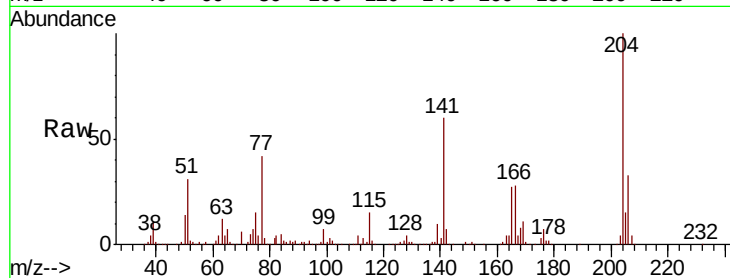




#61
4-Chlorophenyl-phenylether
Concen: 42.865 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	59.7	52.6	78.8

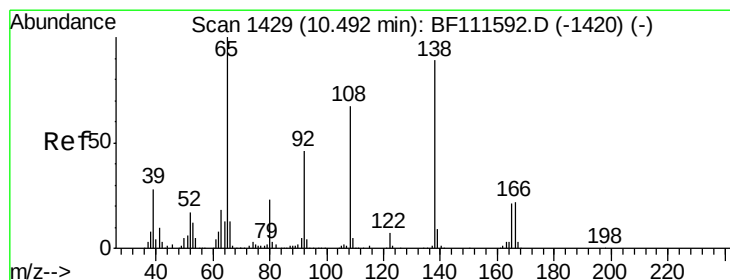
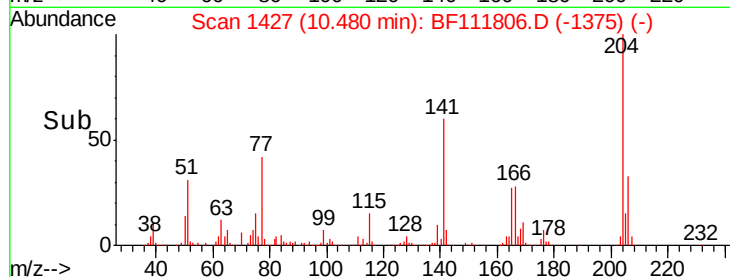
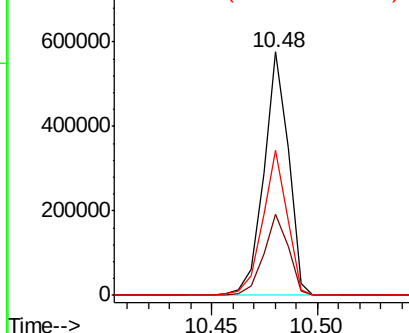


Abundance

Ion 204.00 (203.70 to 204.70): E

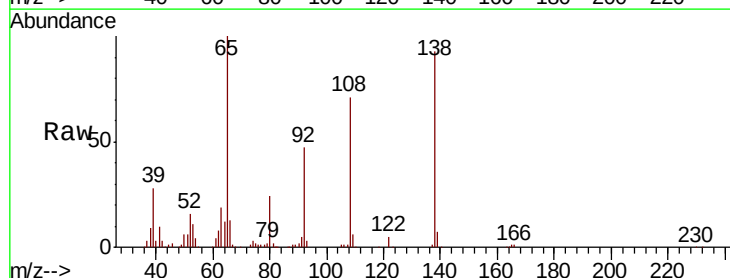
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.160 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	29.9	69.9
108	75.7	43.2	83.2

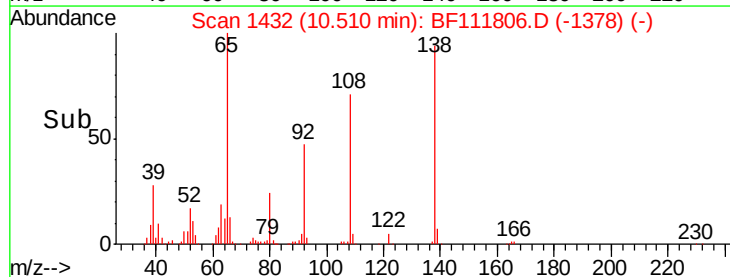
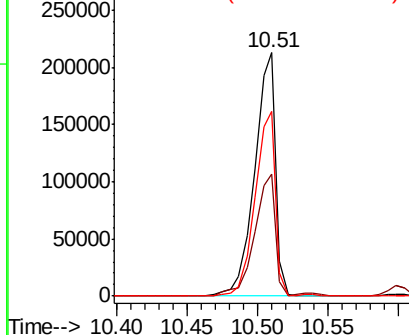


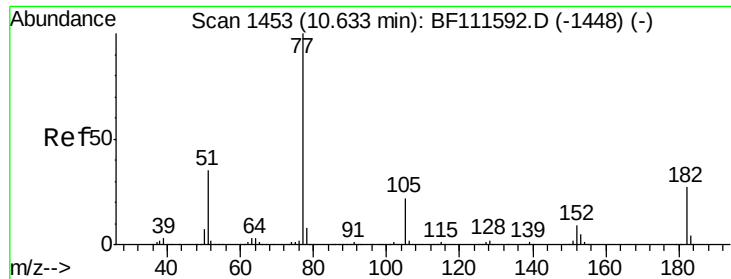
Abundance

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: 41.767 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 907550

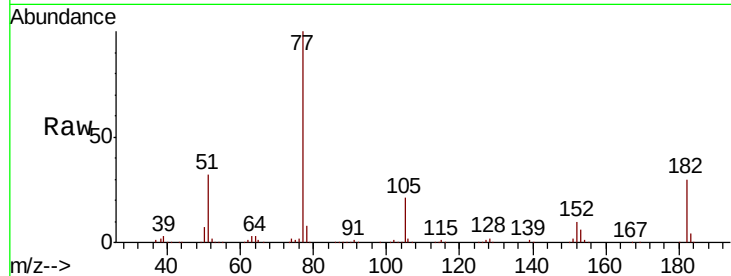
Ion	Ratio	Lower	Upper
77	100		
182	29.7	4.9	44.9
105	21.4	6.0	46.0
51	32.5	14.7	54.7

77 100

182 29.7 4.9 44.9

105 21.4 6.0 46.0

51 32.5 14.7 54.7

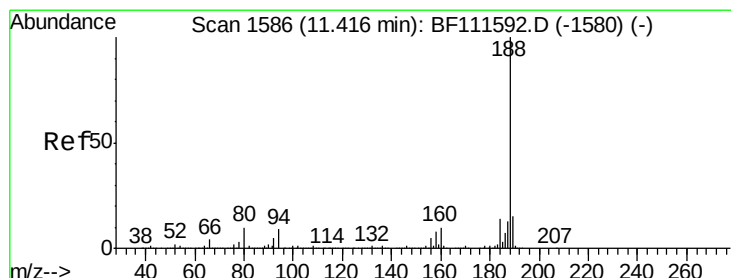
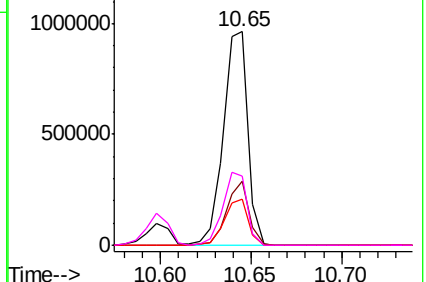
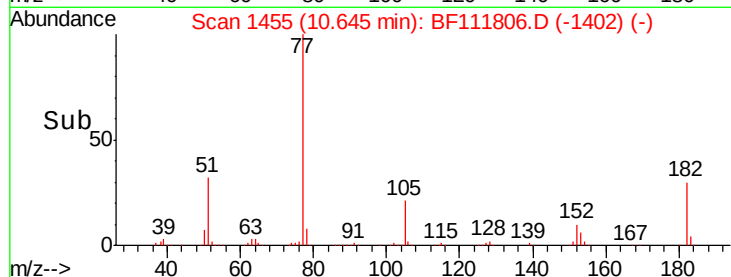


Abundance Ion 77.00 (76.70 to 77.70): BF1

1500000 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: BF111806.D

Acq: 2 Jan 2019 12:54

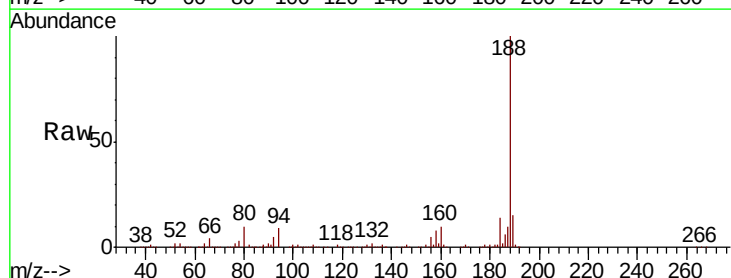
Tgt Ion: 188 Resp: 587578

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.6	14.4#
80	9.7	9.8	14.6#

188 100

94 9.1 9.6 14.4#

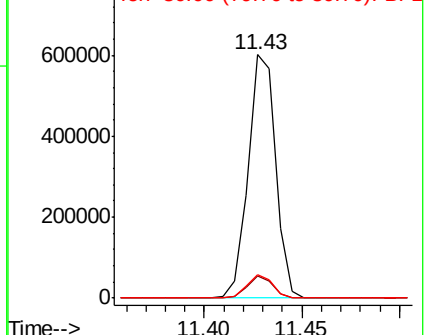
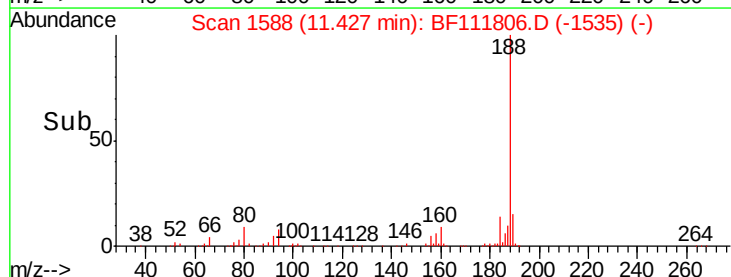
80 9.7 9.8 14.6#

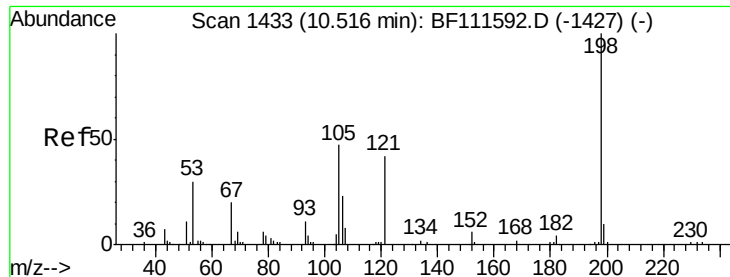


Abundance Ion 188.00 (187.70 to 188.70): E

800000 Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

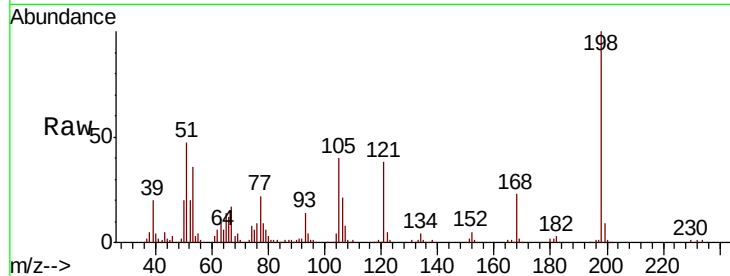




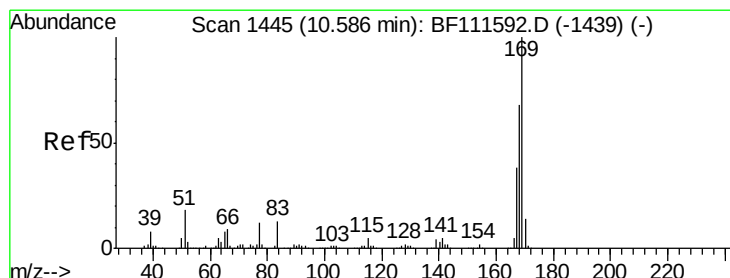
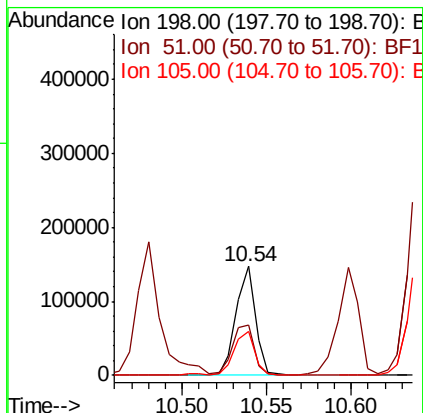
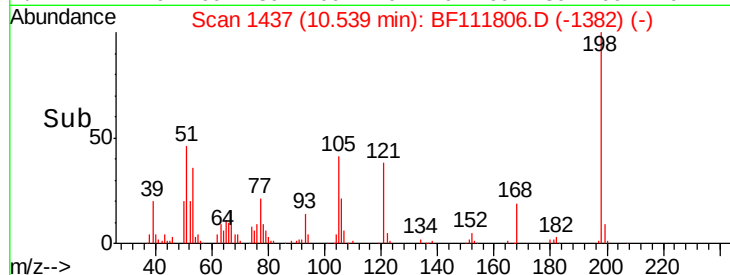
#65
4,6-Dinitro-2-methylphenol
Concen: 48.528 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 118055
Ion Ratio Lower Upper
198 100
51 46.5 48.0 88.0#
105 40.5 34.0 74.0

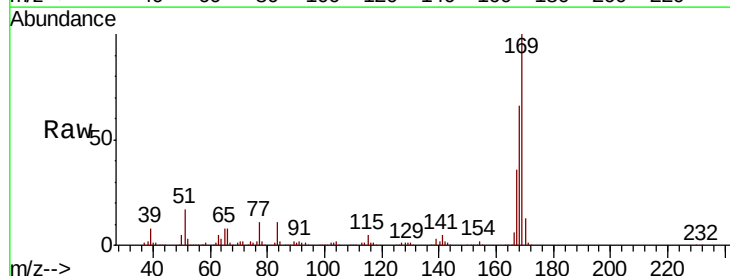


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

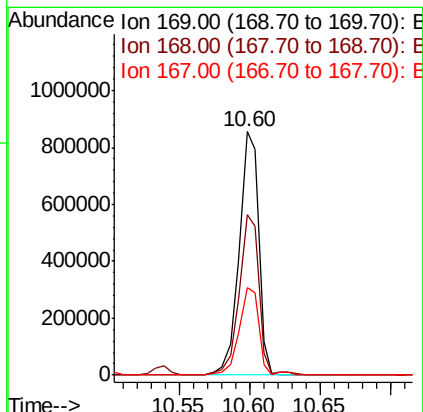
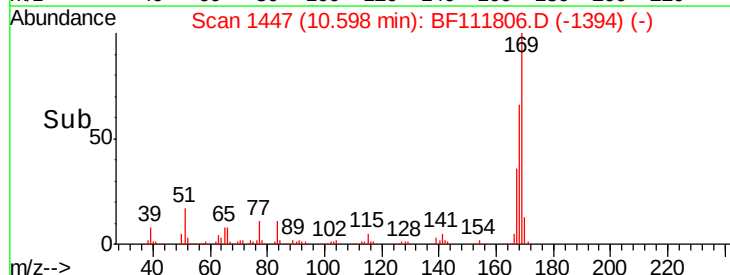


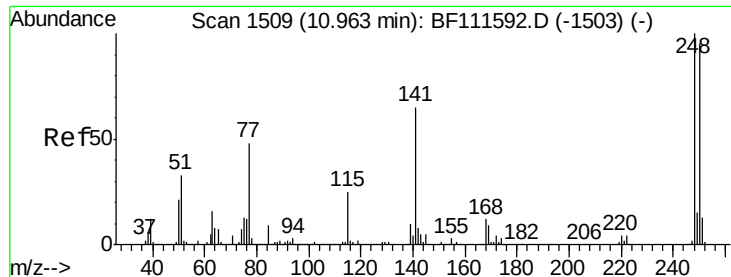
#66
n-Nitrosodiphenylamine
Concen: 41.549 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion:169 Resp: 819516
Ion Ratio Lower Upper
169 100
168 66.0 54.4 81.6
167 36.2 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

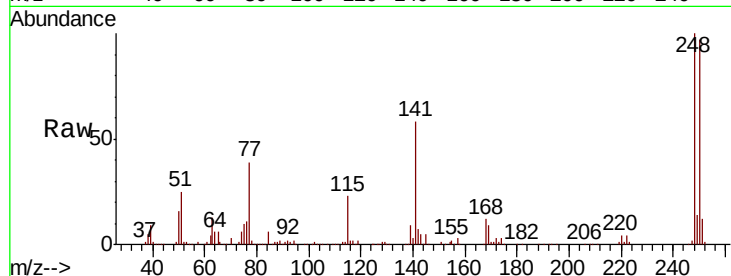




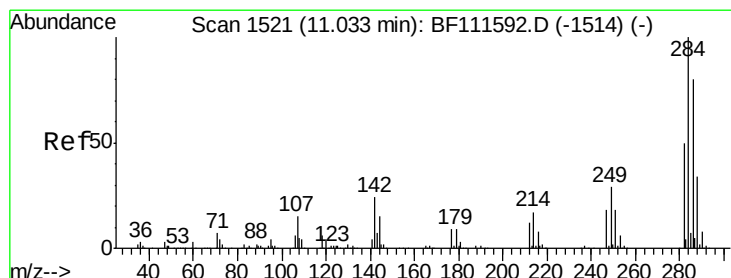
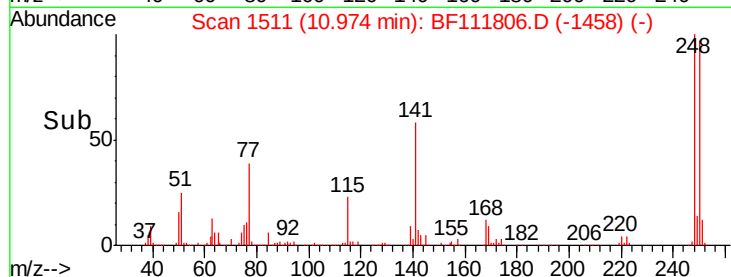
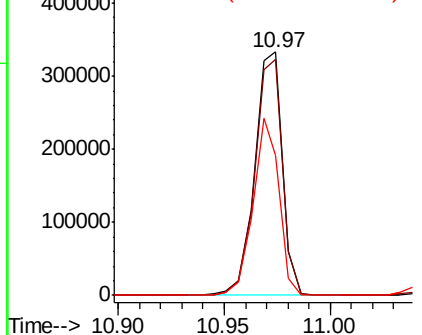
#67
 4-Bromophenyl-phenylether
 Concen: 41.615 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 303281
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.0 115.4
 141 57.6 63.0 94.6#

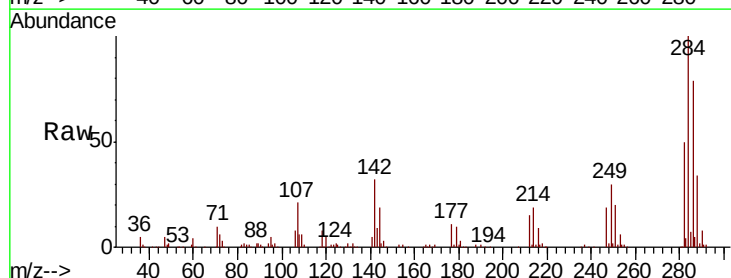


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

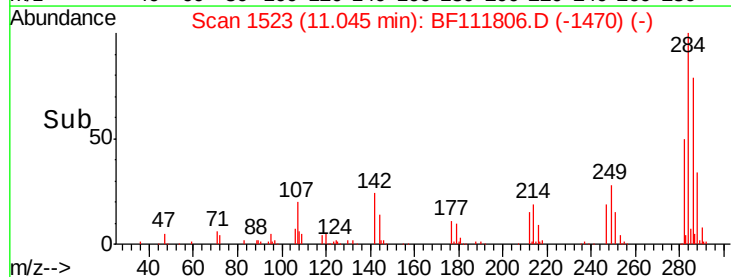
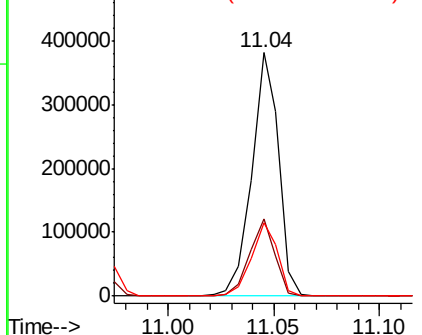


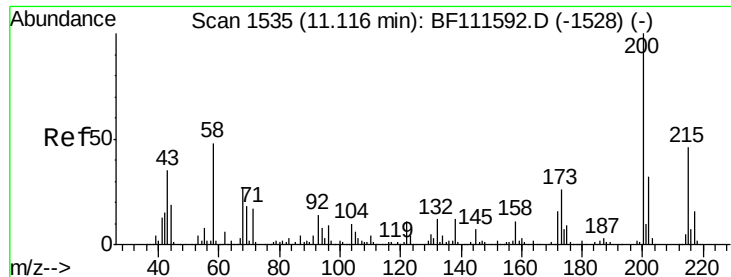
#68
 Hexachlorobenzene
 Concen: 41.311 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion:284 Resp: 335688
 Ion Ratio Lower Upper
 284 100
 142 31.8 27.4 41.2
 249 30.3 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

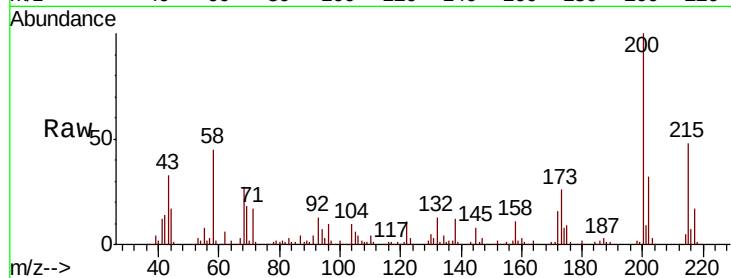




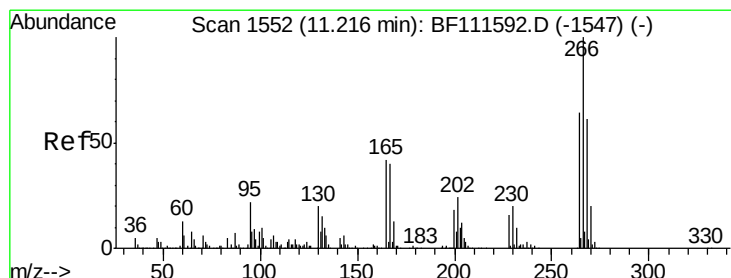
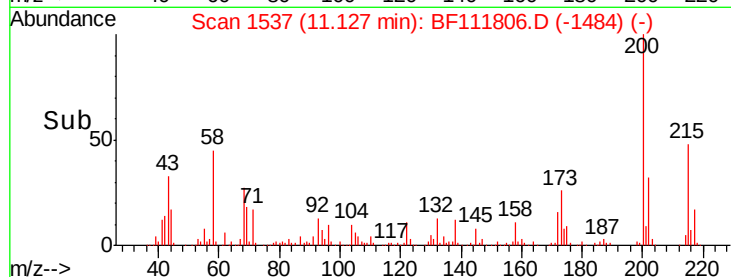
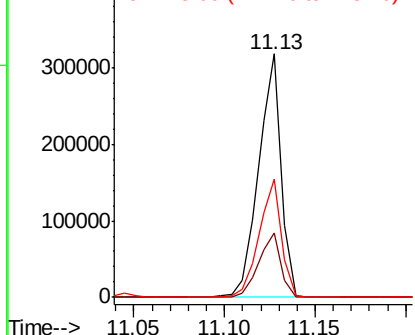
#69
Atrazine
Concen: 40.107 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 274822
Ion Ratio Lower Upper
200 100
173 26.5 10.1 50.1
215 48.5 26.9 66.9

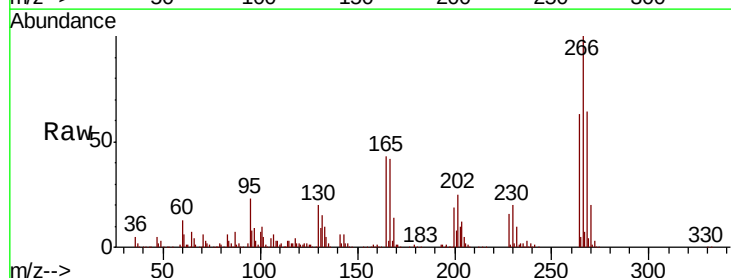


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

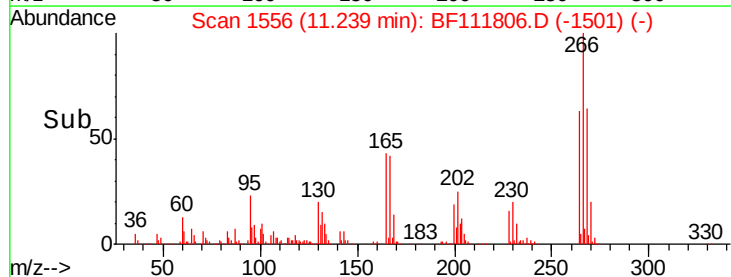
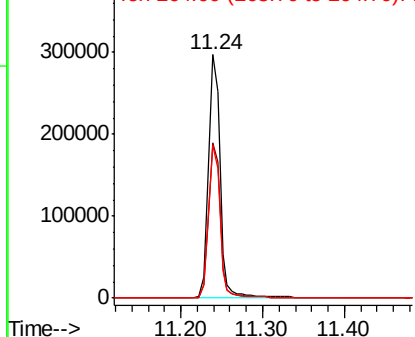


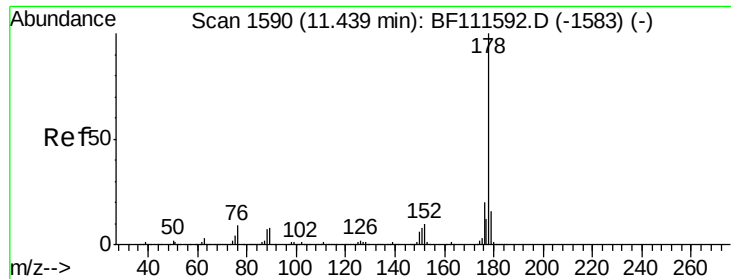
#70
Pentachlorophenol
Concen: 58.891 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion:266 Resp: 295836
Ion Ratio Lower Upper
266 100
268 63.9 47.9 71.9
264 62.7 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: 44.417 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

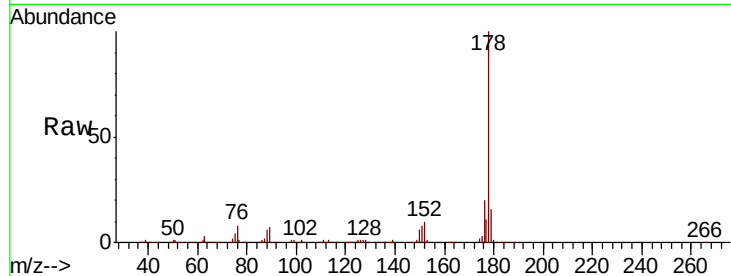
Tot Ion:178 Resp: 1384097

Ion Ratio Lower Upper

178 100

176 19.8 18.1 27.1

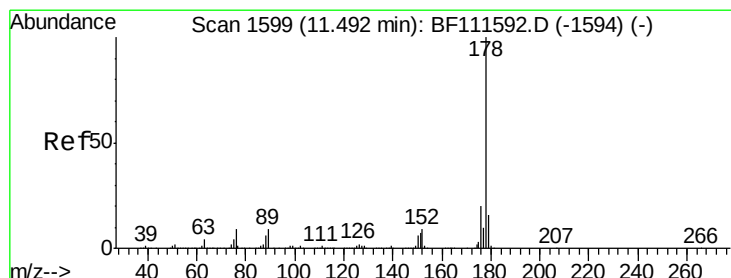
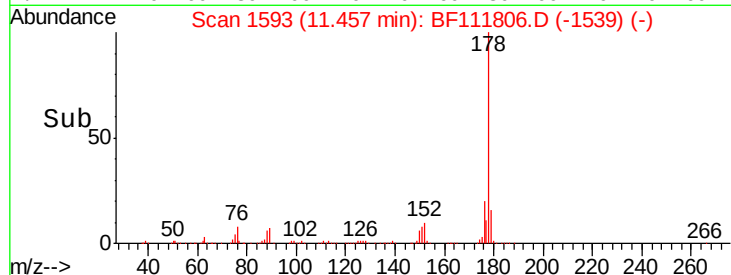
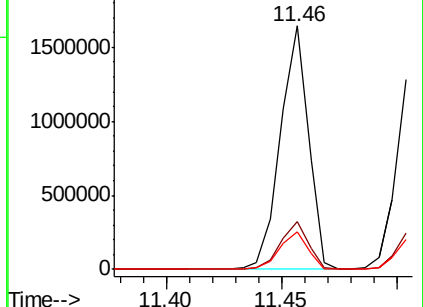
179 15.7 14.0 21.0



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: 45.261 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

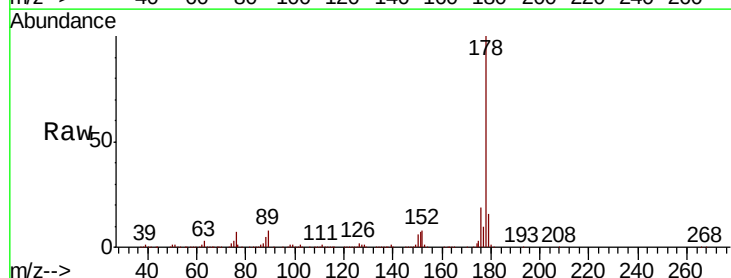
Tgt Ion:178 Resp: 1415670

Ion Ratio Lower Upper

178 100

176 19.3 17.2 25.8

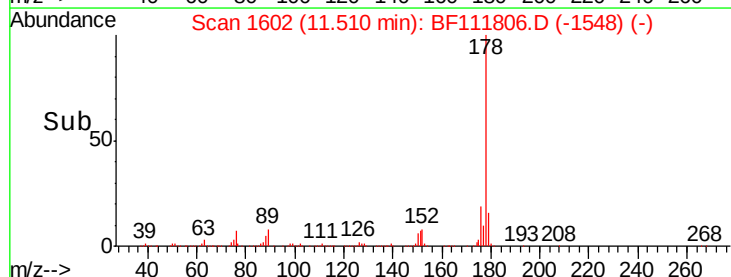
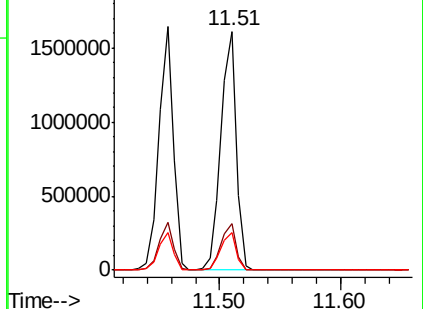
179 15.9 13.8 20.8

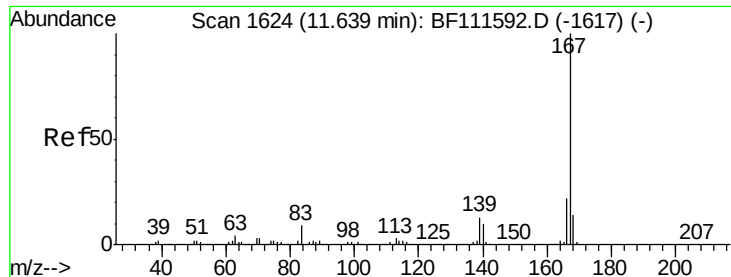


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



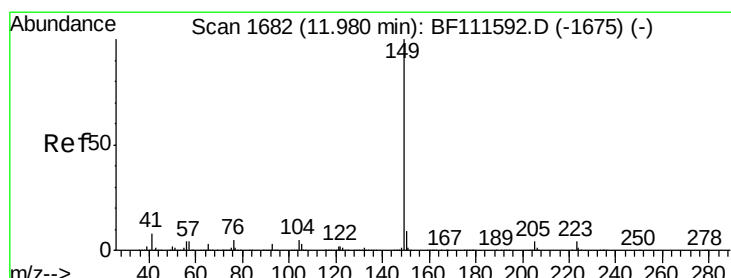
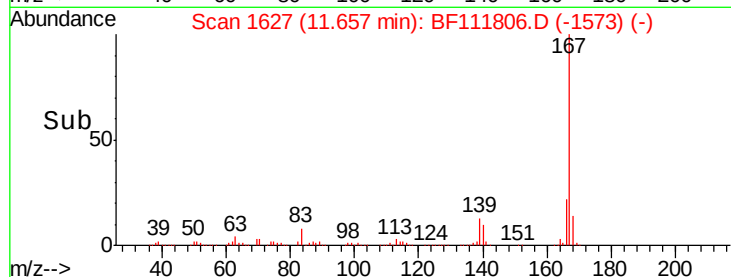
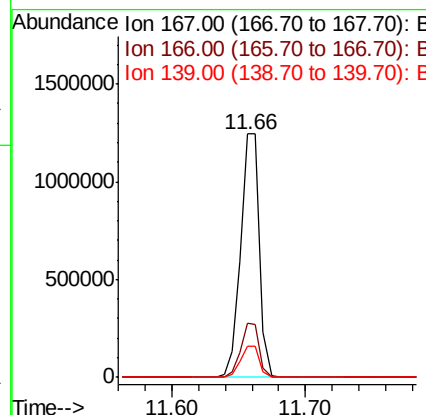
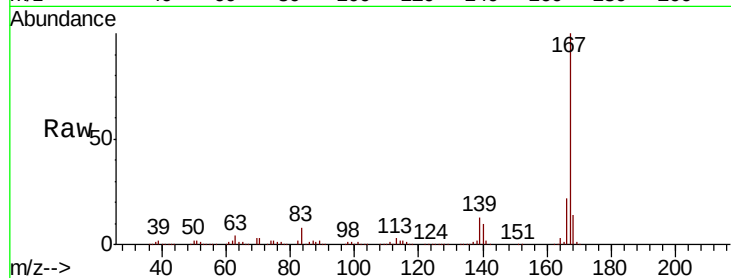


#73
 Carbazole
 Concen: 40.391 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1226537

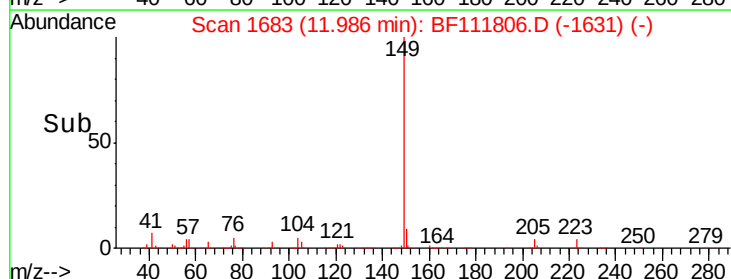
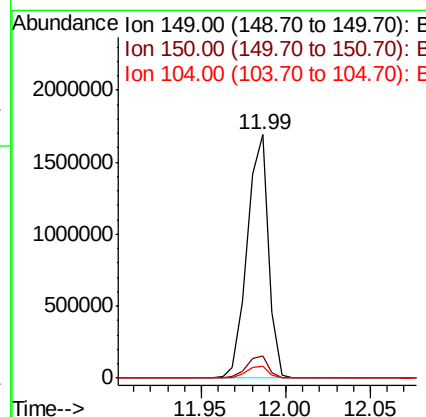
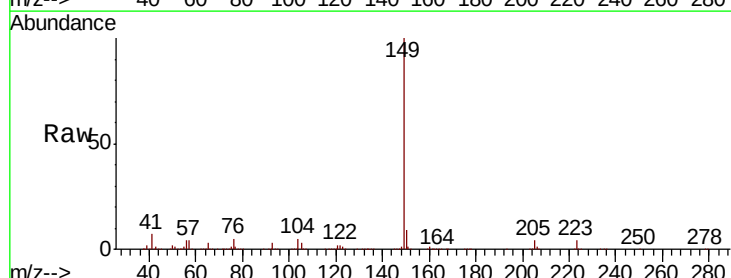
Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.3	28.9
139	12.9	11.9	17.9

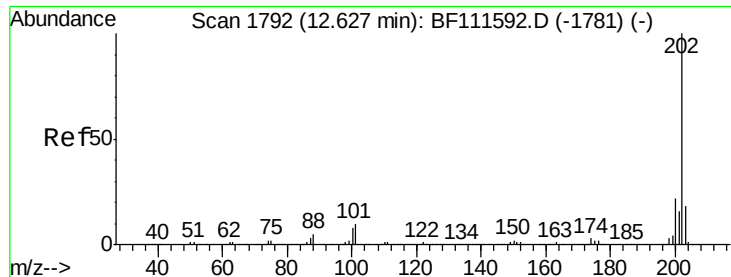


#74
 Di-n-butylphthalate
 Concen: 43.512 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion:149 Resp: 1481478

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.8	13.2
104	4.8	4.5	6.7

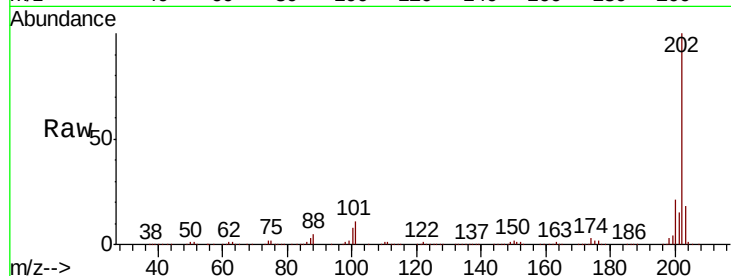




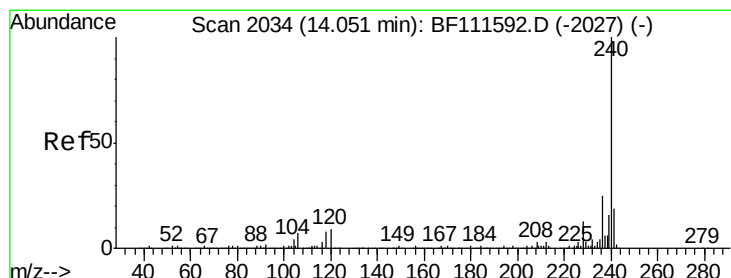
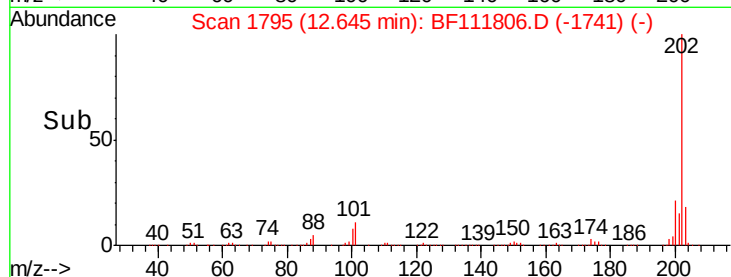
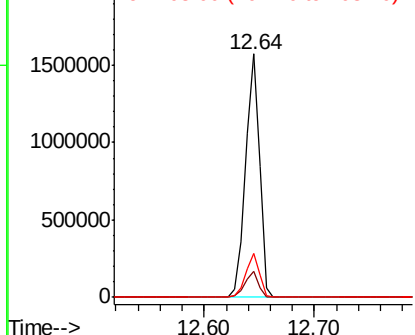
#75
Fluoranthene
Concen: 44.355 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1399652
Ion Ratio Lower Upper
202 100
101 10.6 0.0 33.8
203 17.8 0.0 38.6

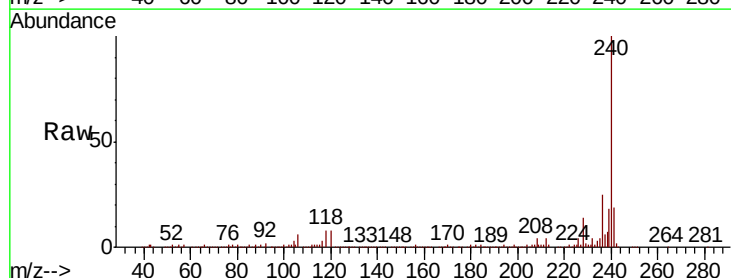


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

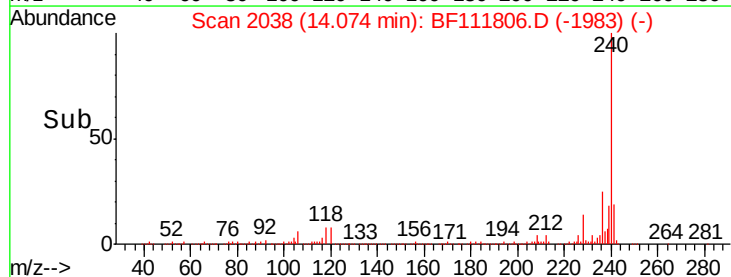
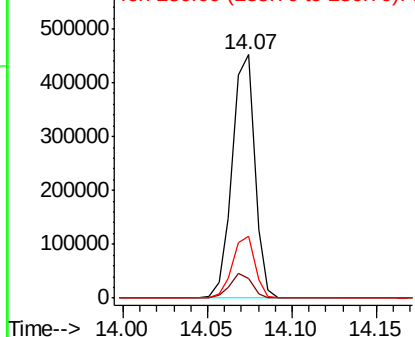


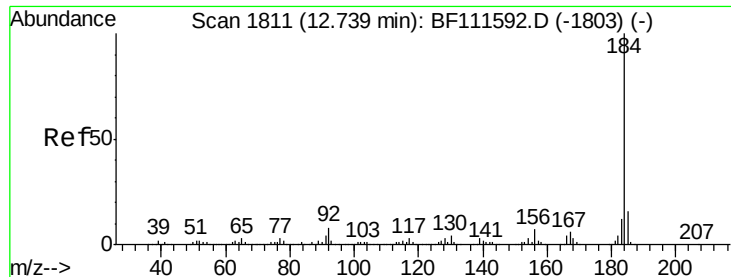
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion:240 Resp: 420873
Ion Ratio Lower Upper
240 100
120 8.3 12.2 18.2#
236 25.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.369 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

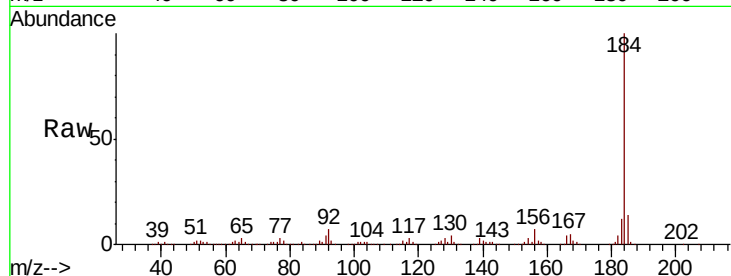
Tot Ion:184 Resp: 465121

Ion Ratio Lower Upper

184 100

185 13.9 13.0 19.6

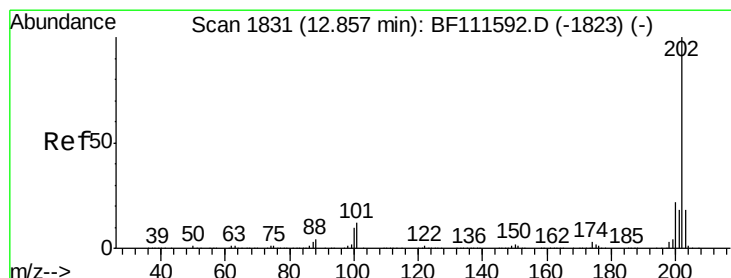
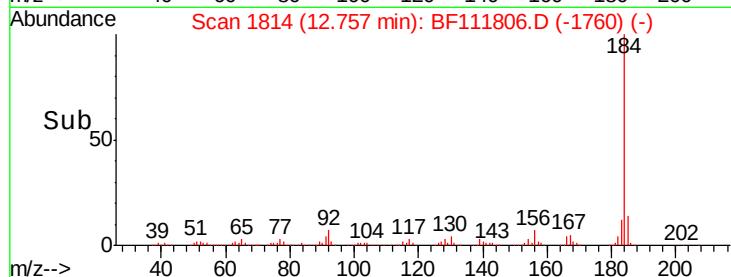
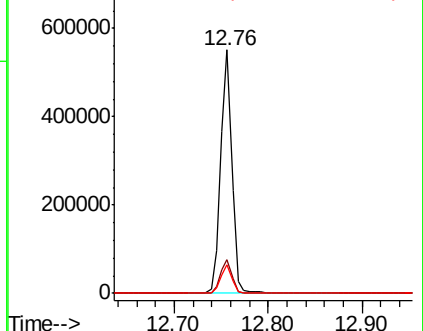
183 12.0 9.3 13.9



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: 46.786 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

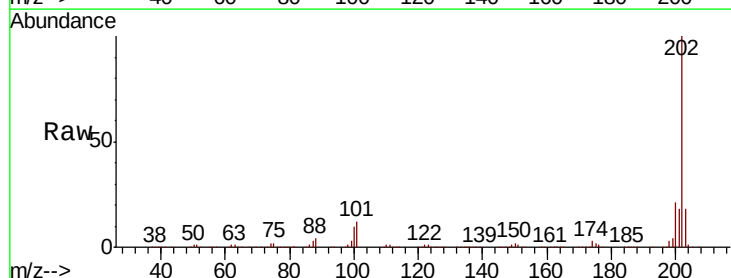
Tgt Ion:202 Resp: 1390539

Ion Ratio Lower Upper

202 100

200 21.4 19.0 28.4

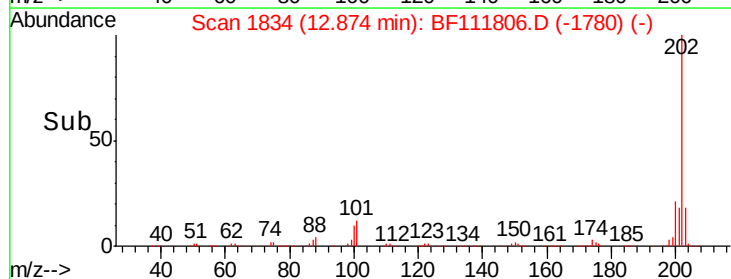
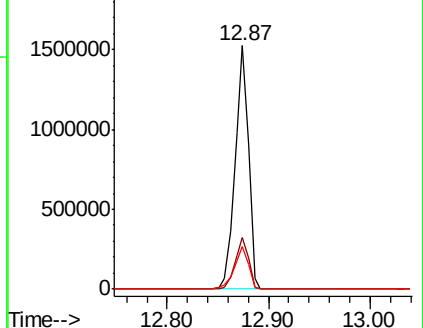
203 17.5 15.2 22.8

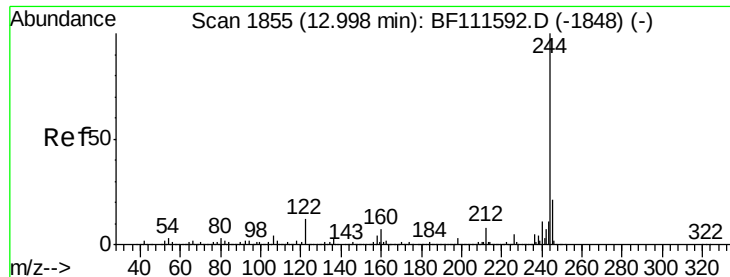


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.423 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

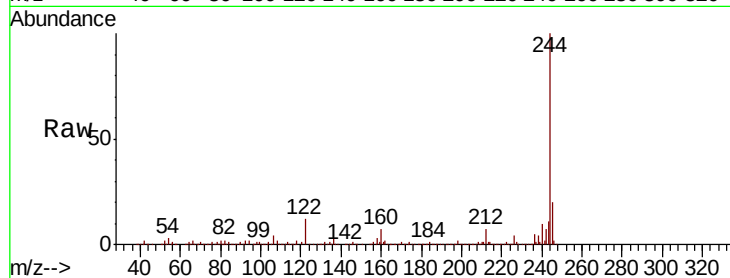
Tot Ion:244 Resp: 1696058

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

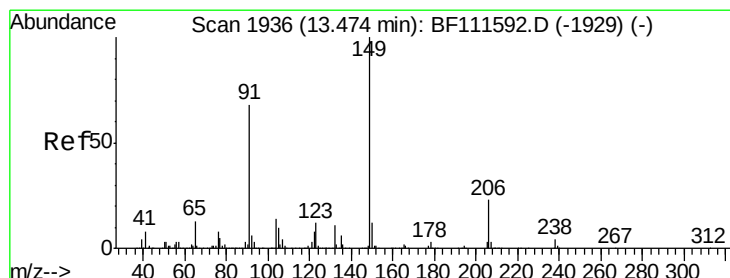
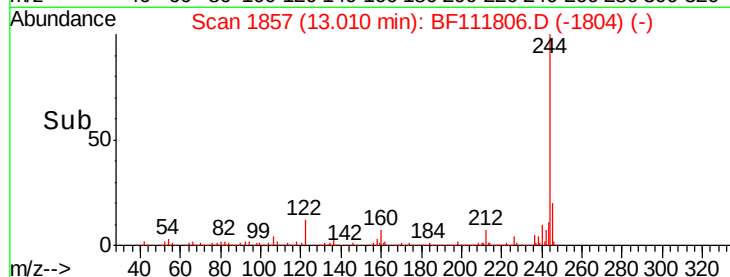
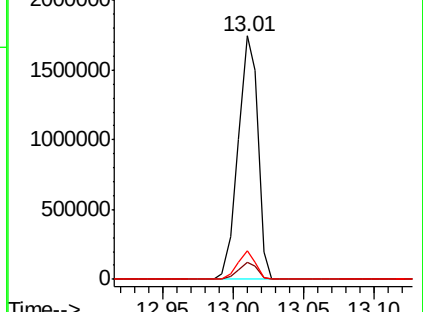
122 11.6 13.1 19.7#



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: 47.206 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

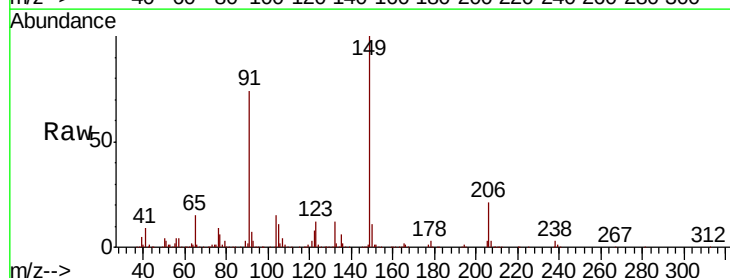
Tgt Ion:149 Resp: 571905

Ion Ratio Lower Upper

149 100

91 74.3 63.8 95.6

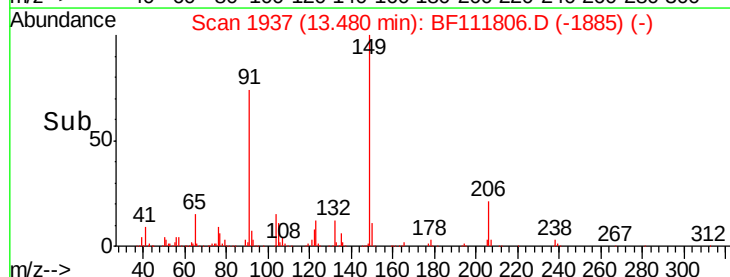
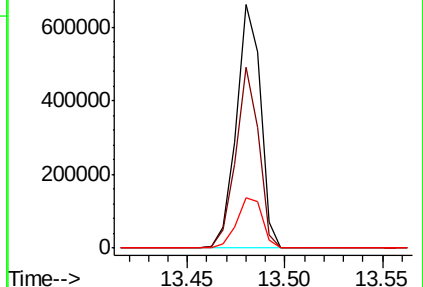
206 20.9 15.1 22.7

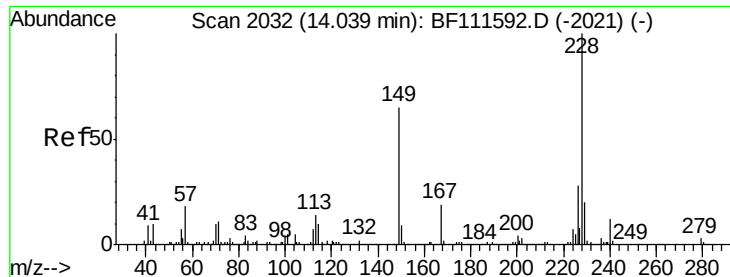


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.234 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

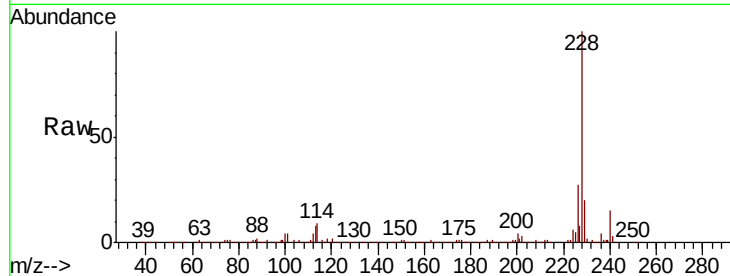
Tot Ion:228 Resp: 1110493

Ion Ratio Lower Upper

228 100

226 27.4 22.6 34.0

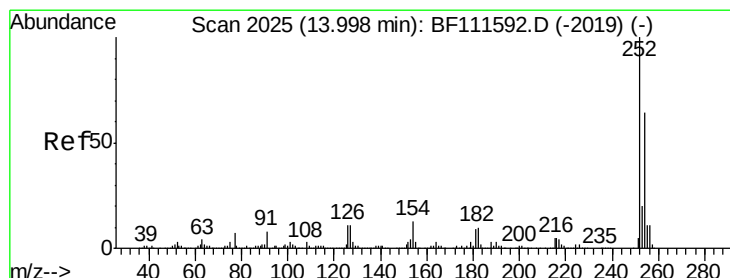
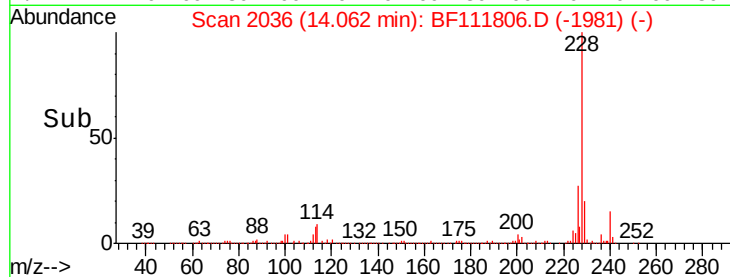
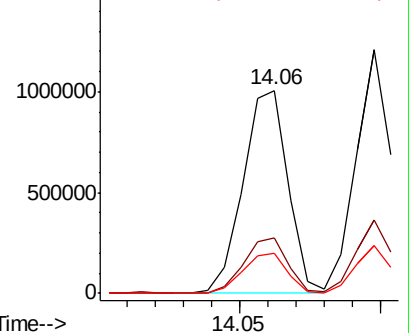
229 19.6 16.3 24.5



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: 26.775 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

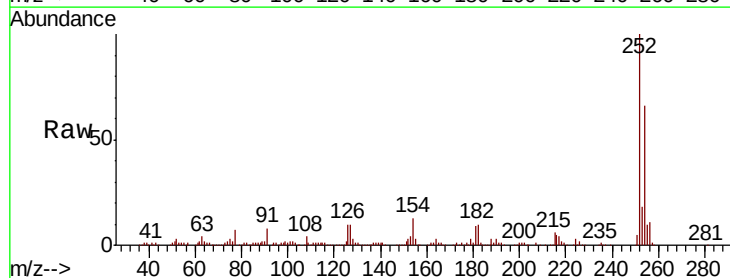
Tgt Ion:252 Resp: 254095

Ion Ratio Lower Upper

252 100

254 65.8 52.7 79.1

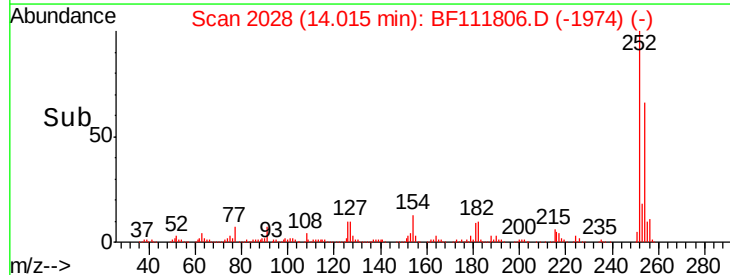
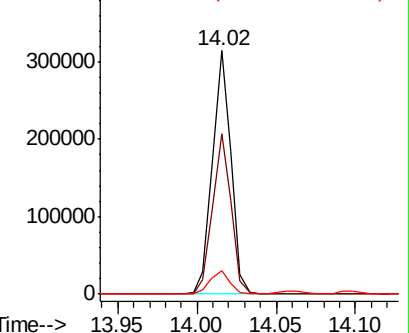
126 9.6 11.1 16.7#

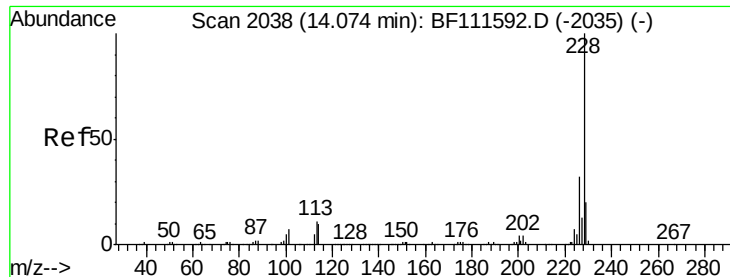


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

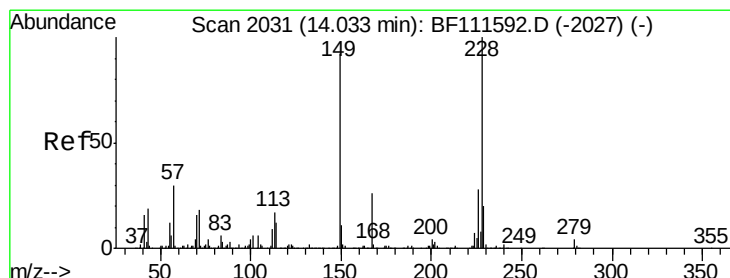
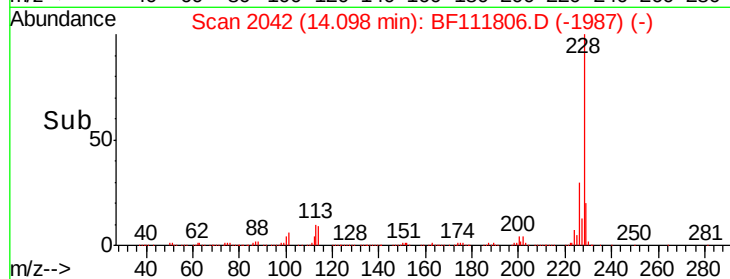
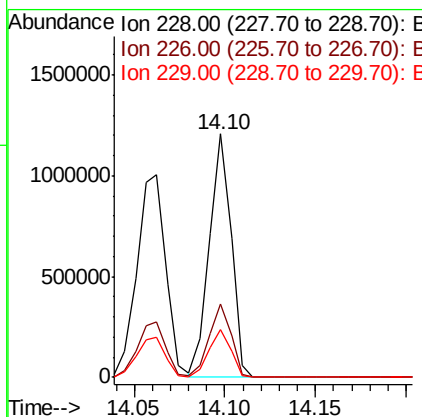
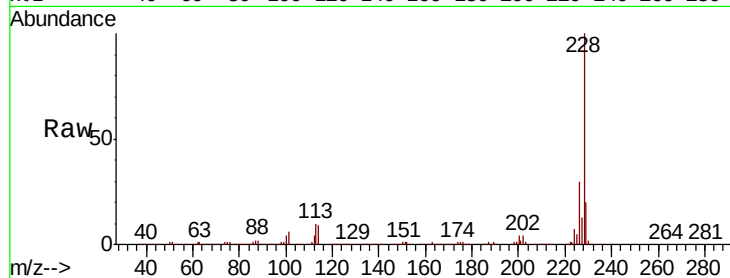




#83
 Chrysene
 Concen: 42.924 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

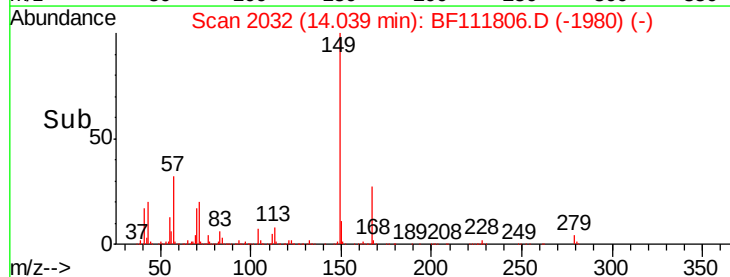
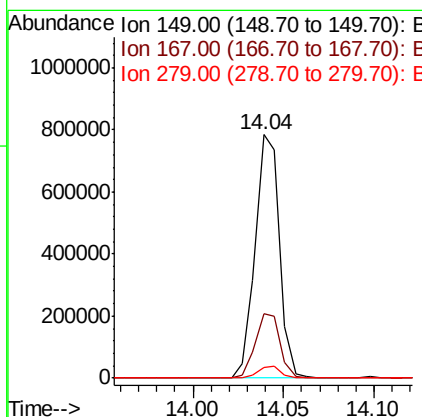
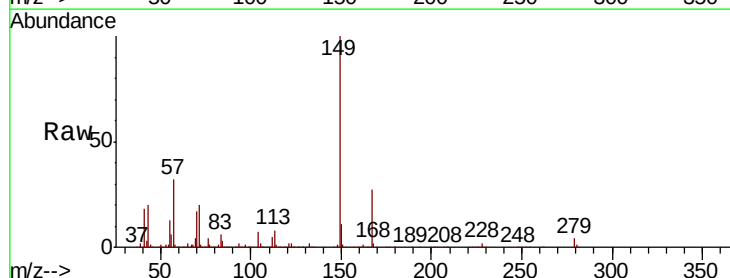
Instrument :
 BNA_F
 ClientSampleId :

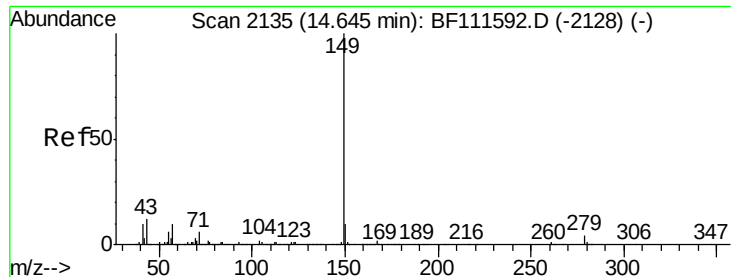
Tot Ion:228 Resp: 1013303
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.3 37.9
 229 19.7 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.952 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion:149 Resp: 731759
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.5 33.7
 279 4.2 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 43.697 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

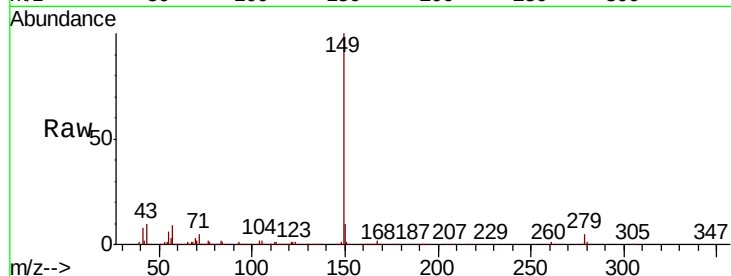
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1033141

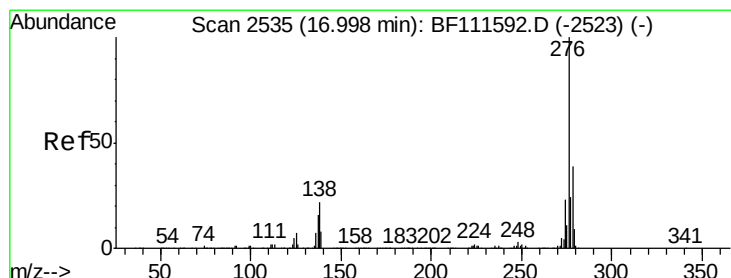
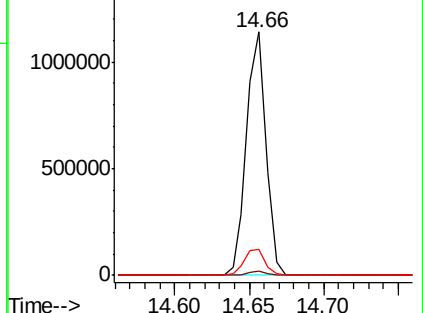
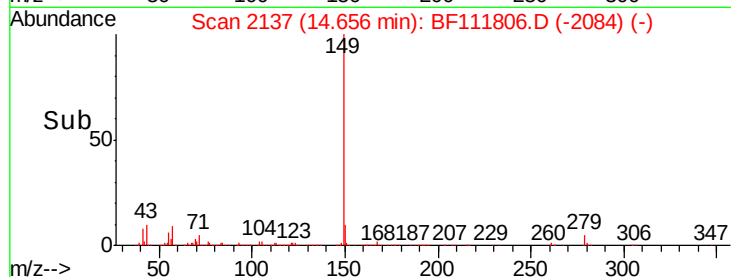
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.2	10.9	16.3



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: 45.065 ng

RT: 17.07 min Scan# 2547

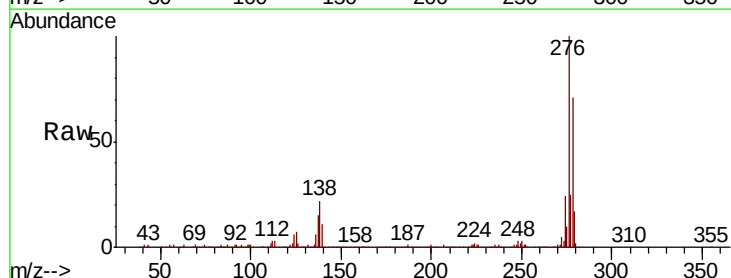
Delta R.T. 0.07 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Tgt Ion:276 Resp: 904379

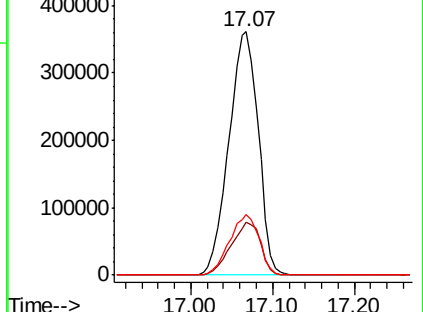
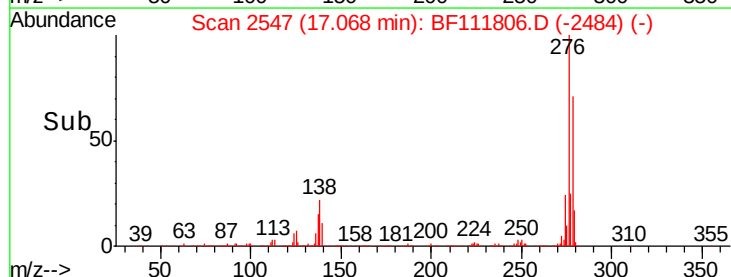
Ion	Ratio	Lower	Upper
276	100		
138	21.7	27.8	41.6#
277	25.1	20.1	30.1

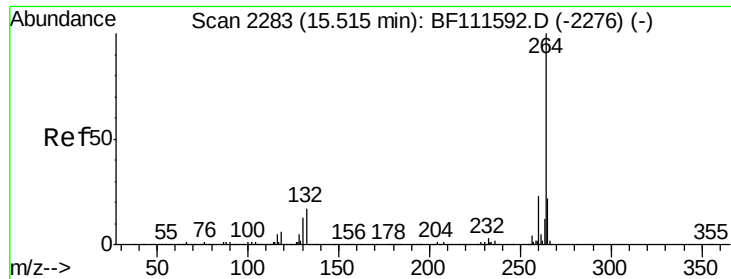


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

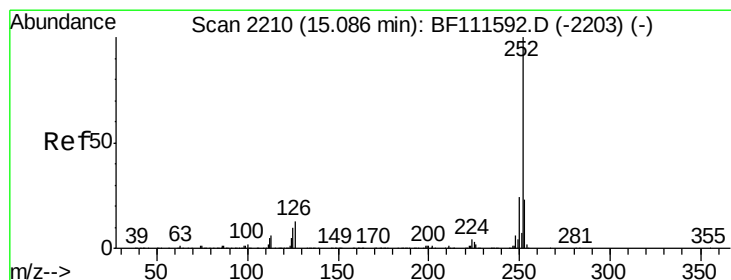
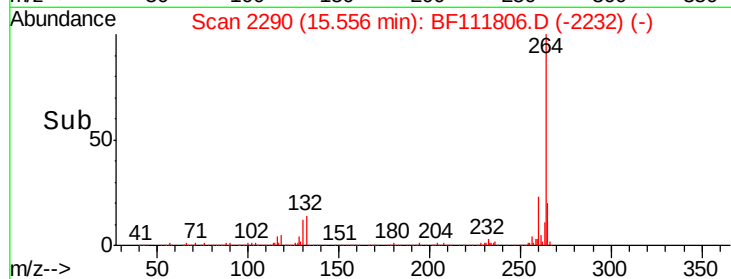
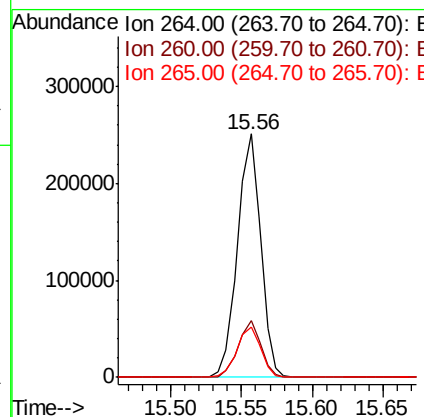
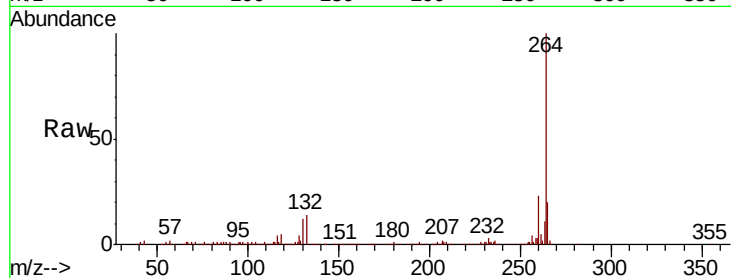




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

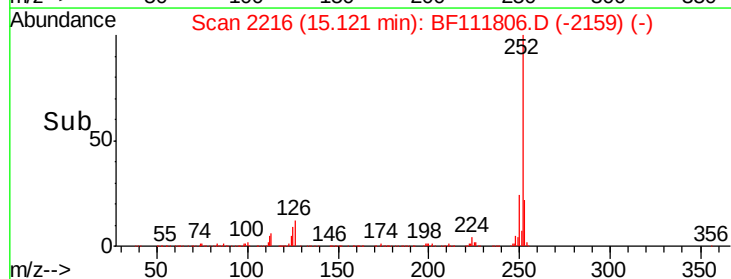
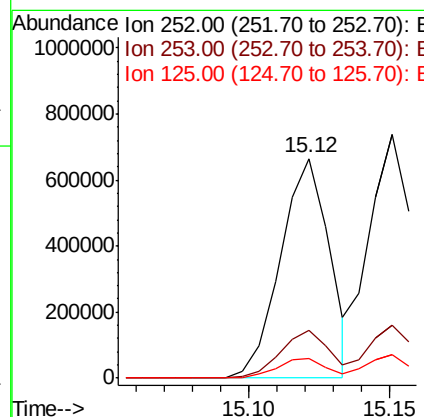
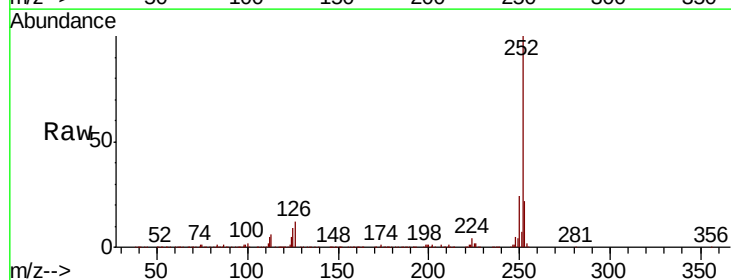
Instrument :
BNA_F
ClientSampleId :

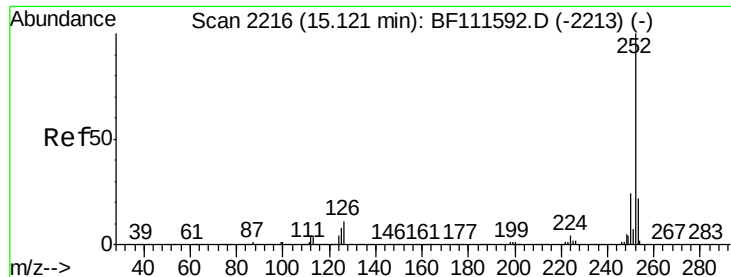
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.5	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 47.385 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.1	10.4	15.6#

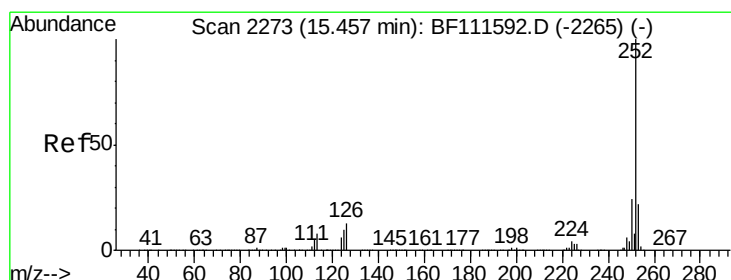
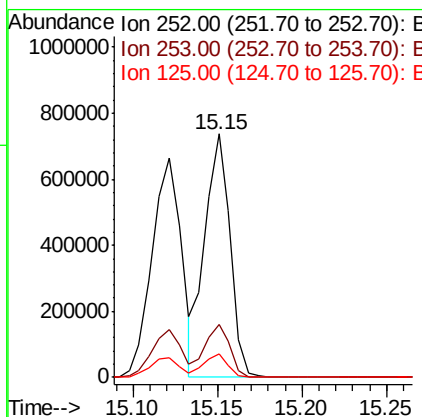
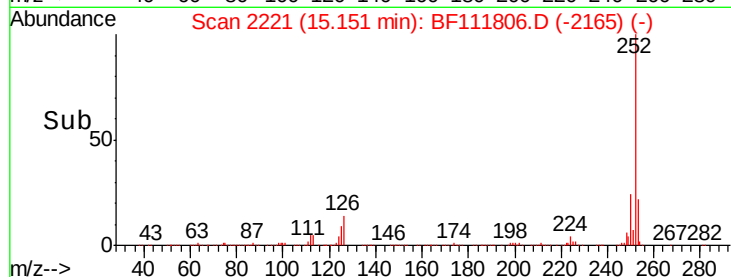
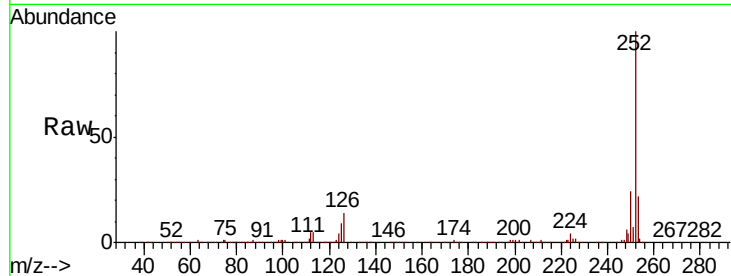




#89
Benzo(k)fluoranthene
Concen: 47.919 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

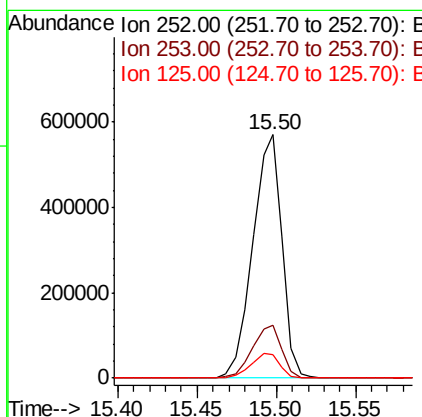
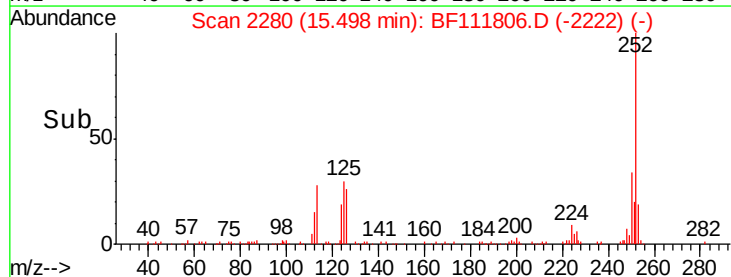
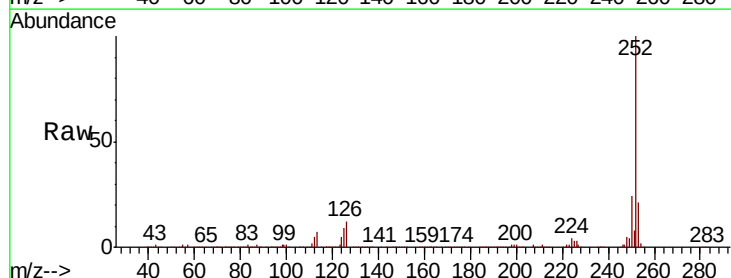
Instrument :
BNA_F
ClientSampleId :

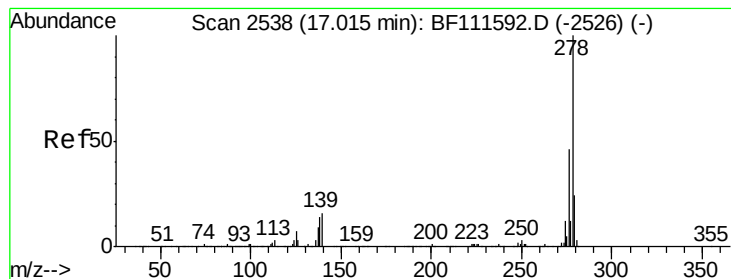
Tot Ion:252 Resp: 770417
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 9.5 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 47.666 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion:252 Resp: 731315
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 9.5 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 55.743 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.06 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampled :

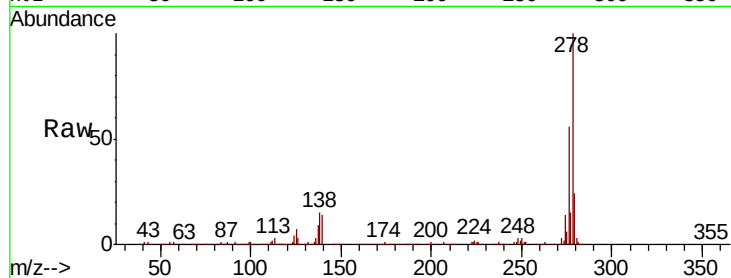
Tot Ion:278 Resp: 748903

Ion Ratio Lower Upper

278 100

139 13.8 18.2 27.4#

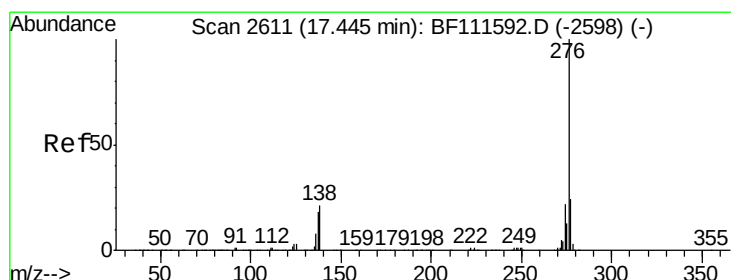
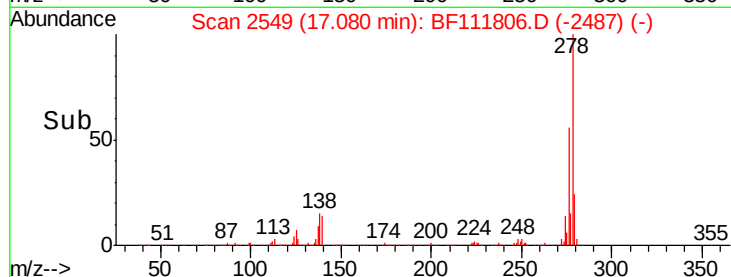
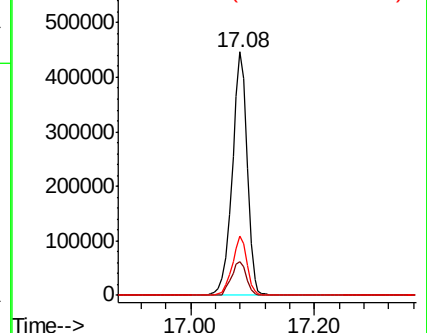
279 24.3 19.0 28.6



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: 58.770 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.08 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

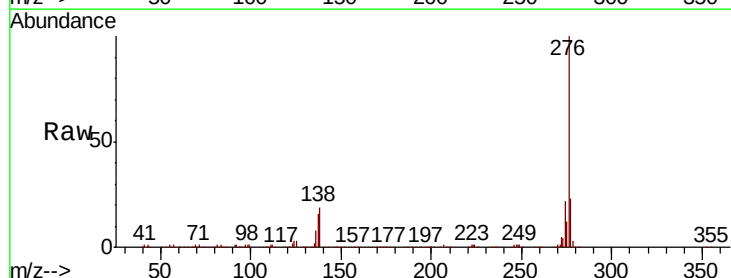
Tgt Ion:276 Resp: 770999

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 18.6 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

