

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111828.D
 Acq On : 3 Jan 2019 18:33
 Operator : JU/SJ
 Sample : K1017-17MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 01:32:22 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	283897	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1070053	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	498614	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	603755	20.00	ng	0.01
76) Chrysene-d12	14.07	240	541377	20.00	ng	0.02
87) Perylene-d12	15.56	264	441140	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1820608	109.31	ng	0.03
7) Phenol-d6	6.55	99	2408949	113.65	ng	0.03
23) Nitrobenzene-d5	7.47	82	1525422	82.98	ng	0.01
42) 2,4,6-Tribromophenol	10.74	330	506004	85.89	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	2595660	75.88	ng	0.00
79) Terphenyl-d14	13.01	244	1856451	65.03	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	224303	28.624	ng	97
3) Pyridine	3.50	79	660619	32.359	ng	97
4) n-Nitrosodimethylamine	3.44	42	375804	37.613	ng	90
6) Aniline	6.57	93	465268	17.220	ng	# 1
8) 2-Chlorophenol	6.70	128	712844	38.637	ng	98
9) Benzaldehyde	6.45	77	309793	21.251	ng	95
10) Phenol	6.57	94	909026	38.009	ng	92
11) bis(2-Chloroethyl)ether	6.64	93	686883	38.327	ng	98
12) 1,3-Dichlorobenzene	6.85	146	774884	36.241	ng	99
13) 1,4-Dichlorobenzene	6.92	146	782954	36.107	ng	97
14) 1,2-Dichlorobenzene	7.07	146	737303	36.444	ng	97
15) Benzyl Alcohol	7.05	79	640944	38.074	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1148081	34.783	ng	73
17) 2-Methylphenol	7.16	107	581333	39.350	ng	# 92
18) Hexachloroethane	7.42	117	263087	36.004	ng	# 86
19) n-Nitroso-di-n-propylamine	7.32	70	509819	36.217	ng	99
20) 3+4-Methylphenols	7.32	107	721449	38.648	ng	# 85
22) Acetophenone	7.31	105	955906	35.262	ng	# 91
24) Nitrobenzene	7.49	77	759296	39.408	ng	97
25) Isophorone	7.72	82	1365455	41.839	ng	98
26) 2-Nitrophenol	7.80	139	381094	48.769	ng	95
27) 2,4-Dimethylphenol	7.85	122	644019	41.809	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	878560	40.454	ng	99
29) 2,4-Dichlorophenol	8.05	162	655145	39.542	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	676014	36.614	ng	97
31) Naphthalene	8.21	128	2022300	39.333	ng	98
32) Benzoic acid	7.93	122	119772	11.760	ng	92
33) 4-Chloroaniline	8.25	127	211597	9.522	ng	98
34) Hexachlorobutadiene	8.33	225	404235	35.924	ng	98
35) Caprolactam	8.62	113	164890	29.370	ng	92
36) 4-Chloro-3-methylphenol	8.75	107	626675	38.478	ng	96
37) 2-Methylnaphthalene	8.90	142	1372738	41.038	ng	99
38) 1-Methylnaphthalene	9.00	142	1284678	39.988	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	658955	40.219	ng	# 97

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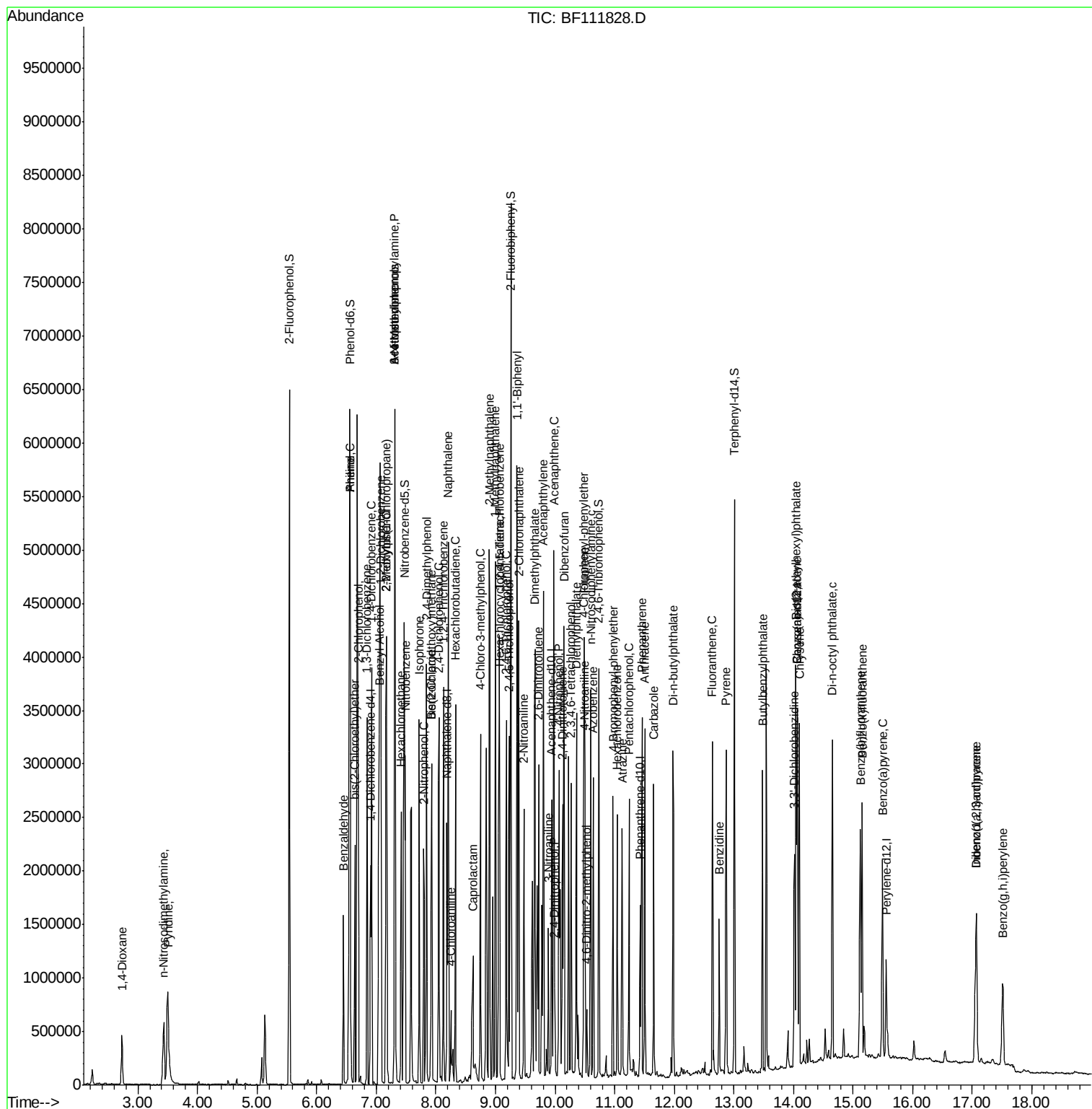
Instrument :
 BNA_F
 ClientSampleId :

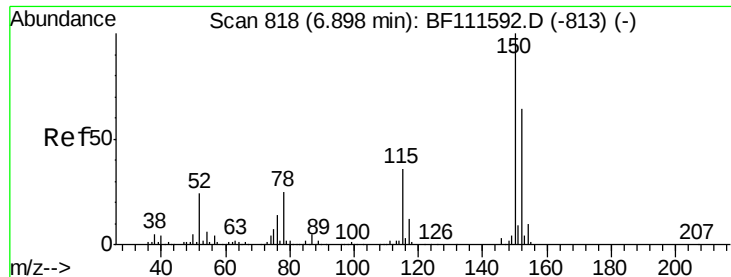
Quant Time: Jan 04 01:32:22 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	395722	49.772	ng	99
43) 2,4,6-Trichlorophenol	9.18	196	458349	41.900	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	469531	41.839	ng	92
46) 1,1'-Biphenyl	9.36	154	1633217	38.802	ng	97
47) 2-Chloronaphthalene	9.39	162	1271258	38.121	ng	94
48) 2-Nitroaniline	9.48	65	407989	47.028	ng	98
49) Acenaphthylene	9.80	152	1946784	39.983	ng	96
50) Dimethylphthalate	9.66	163	1835364	50.336	ng	98
51) 2,6-Dinitrotoluene	9.72	165	340541	46.839	ng	92
52) Acenaphthene	9.98	154	1148273	38.237	ng	98
53) 3-Nitroaniline	9.89	138	217270	28.020	ng	93
54) 2,4-Dinitrophenol	10.00	184	112383	51.073	ng	# 80
55) Dibenzofuran	10.15	168	1716397	37.832	ng	94
56) 4-Nitrophenol	10.07	139	448031	75.713	ng	97
57) 2,4-Dinitrotoluene	10.13	165	427608	48.935	ng	# 95
58) Fluorene	10.49	166	976710	29.876	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	348454	36.896	ng	# 87
60) Diethylphthalate	10.36	149	1343096	37.551	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	501844	27.784	ng	95
62) 4-Nitroaniline	10.50	138	205172	27.225	ng	88
63) Azobenzene	10.64	77	946042	26.347	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	77467	33.410	ng	91
66) n-Nitrosodiphenylamine	10.60	169	879514	43.397	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	311726	41.627	ng	96
68) Hexachlorobenzene	11.05	284	324251	38.835	ng	94
69) Atrazine	11.13	200	293913	41.744	ng	96
70) Pentachlorophenol	11.24	266	301878	58.483	ng	98
71) Phenanthrene	11.46	178	1278854	39.940	ng	94
72) Anthracene	11.50	178	1295908	40.322	ng	96
73) Carbazole	11.66	167	1083531	34.725	ng	95
74) Di-n-butylphthalate	11.98	149	1482904	42.387	ng	97
75) Fluoranthene	12.64	202	1324572	40.851	ng	97
77) Benzidine	12.75	184	588478	28.887	ng	97
78) Pyrene	12.87	202	1275405	33.361	ng	96
80) Butylbenzylphthalate	13.48	149	597561	38.345	ng	89
81) Benzo(a)anthracene	14.06	228	1281145	41.466	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	426644	34.950	ng	# 98
83) Chrysene	14.10	228	1213650	39.967	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	903683	46.037	ng	# 99
85) Di-n-octyl phthalate	14.66	149	1455173	47.847	ng	95
86) Indeno(1,2,3-cd)pyrene	17.06	276	808447	31.318	ng	# 89
88) Benzo(b)fluoranthene	15.12	252	1116696	43.313	ng	# 96
89) Benzo(k)fluoranthene	15.15	252	1047169	42.663	ng	# 96
90) Benzo(a)pyrene	15.49	252	968203	41.335	ng	# 95
91) Dibenzo(a,h)anthracene	17.07	278	692327	33.754	ng	# 89
92) Benzo(g,h,i)perylene	17.51	276	639594	31.934	ng	# 89

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

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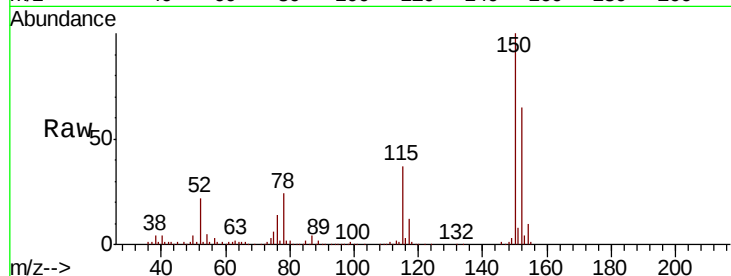


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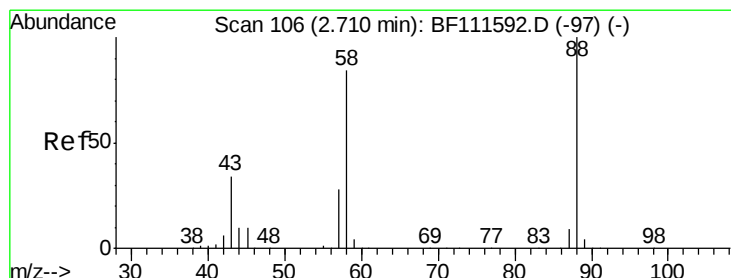
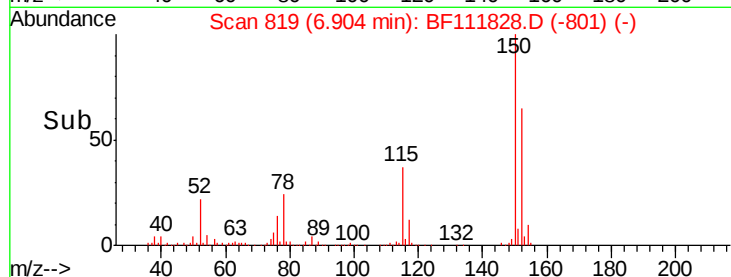
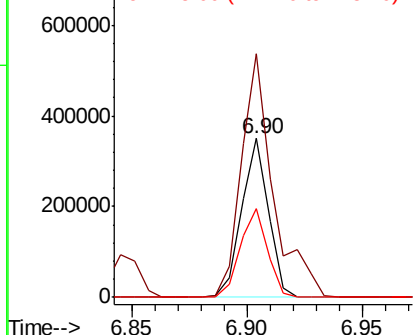
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	56.1	50.7	76.1



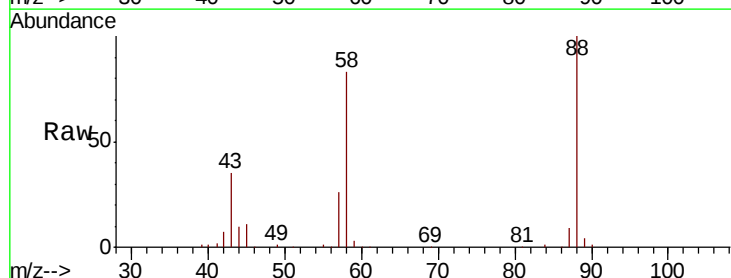
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



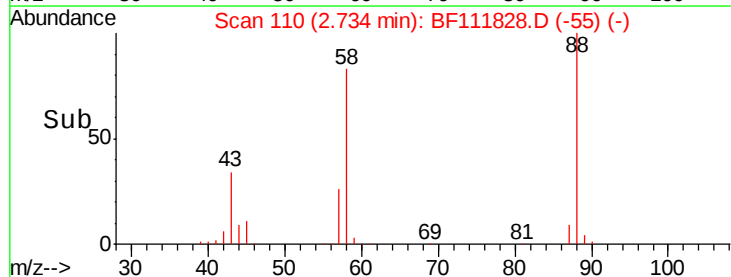
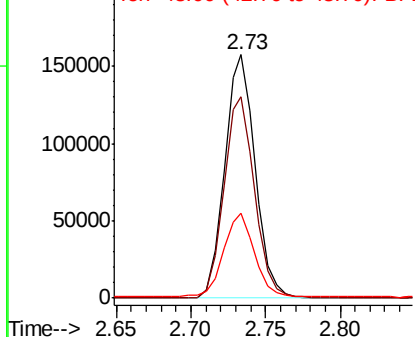
#2

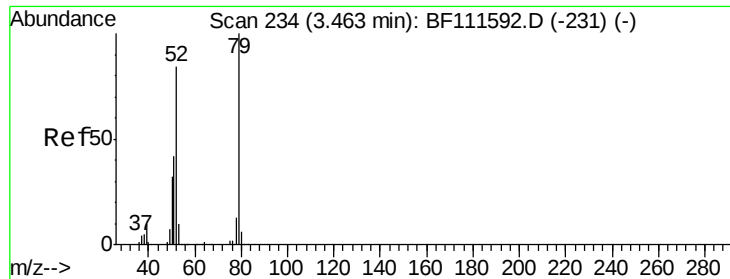
1,4-Dioxane
Concen: 28.624 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	68.9	103.3
43	34.8	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: 32.359 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.04 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

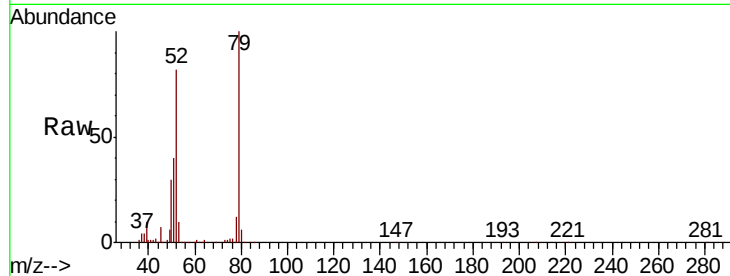
Tot Ion: 79 Resp: 660619

Ion Ratio Lower Upper

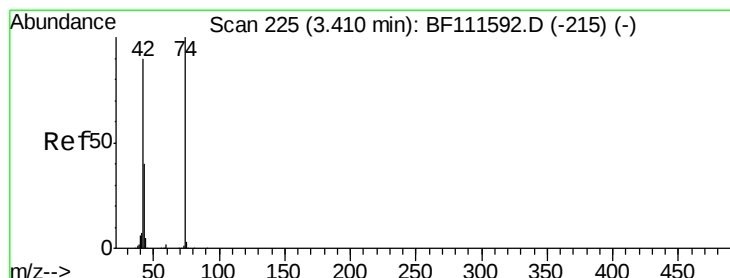
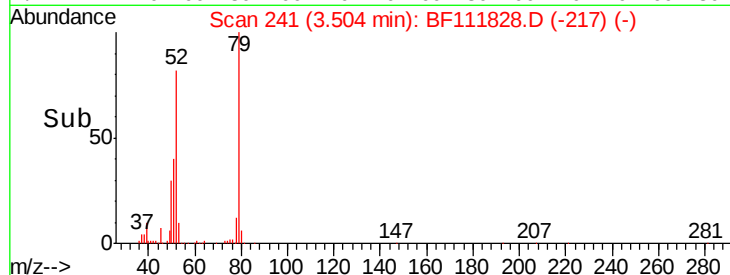
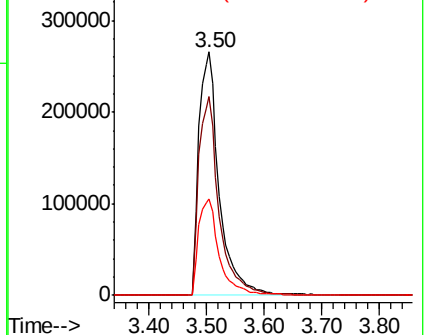
79 100

52 81.8 68.3 102.5

51 39.6 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: 37.613 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.03 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

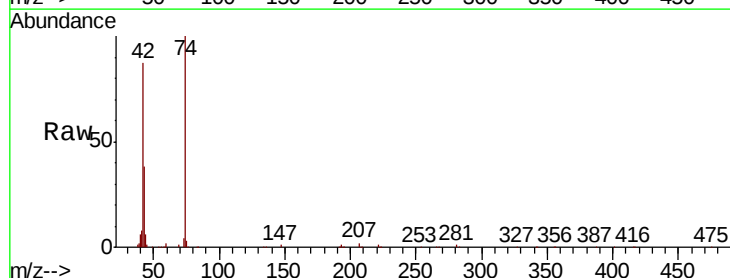
Tgt Ion: 42 Resp: 375804

Ion Ratio Lower Upper

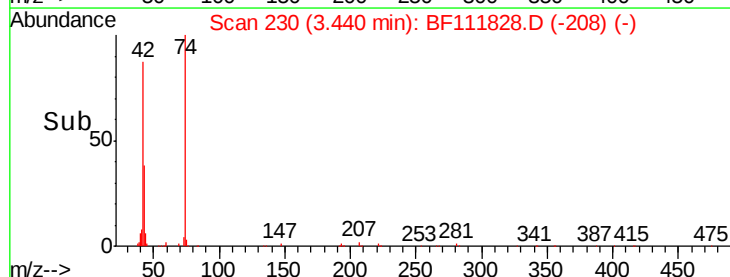
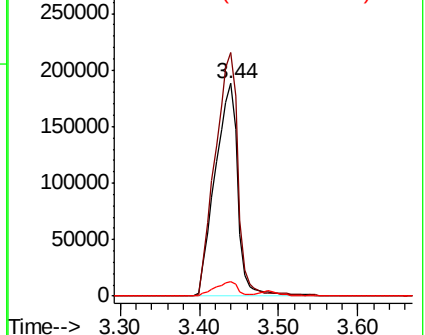
42 100

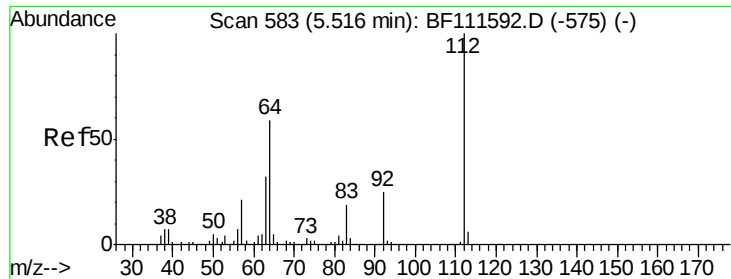
74 114.7 101.5 152.3

44 7.1 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: 109.310 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

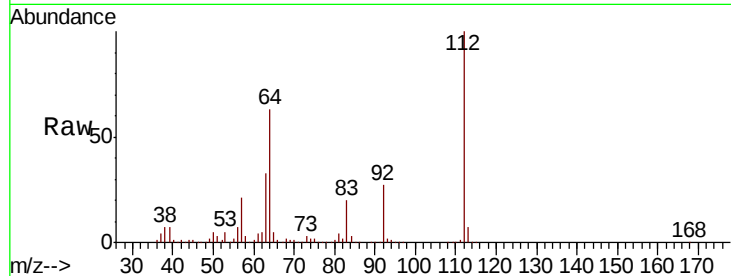
Tot Ion:112 Resp: 1820608

Ion Ratio Lower Upper

112 100

64 62.5 51.8 77.6

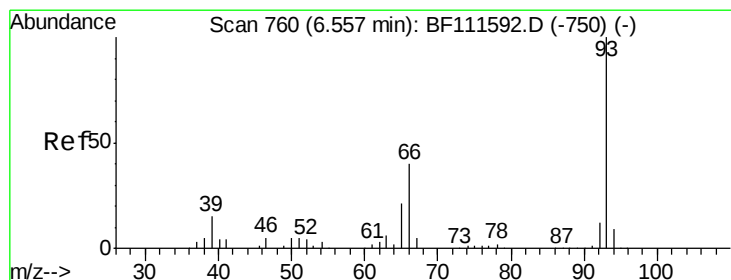
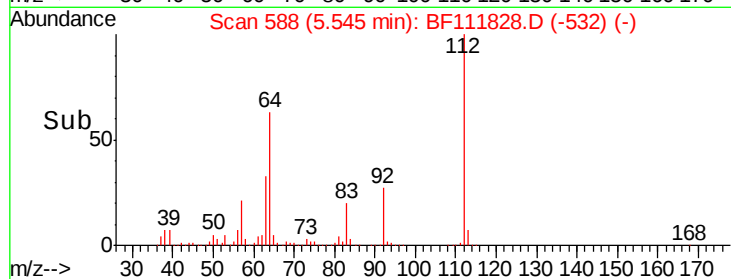
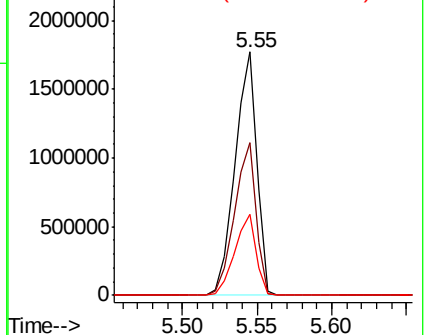
63 33.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.220 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

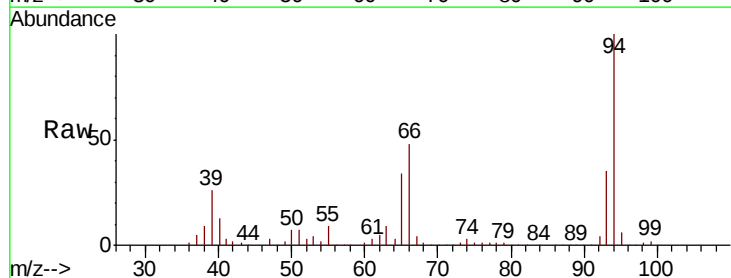
Tgt Ion: 93 Resp: 465268

Ion Ratio Lower Upper

93 100

66 134.9 33.2 49.8#

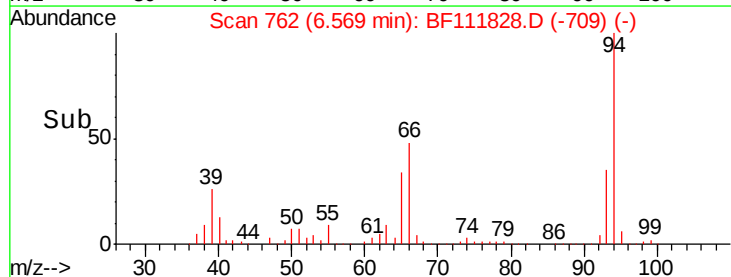
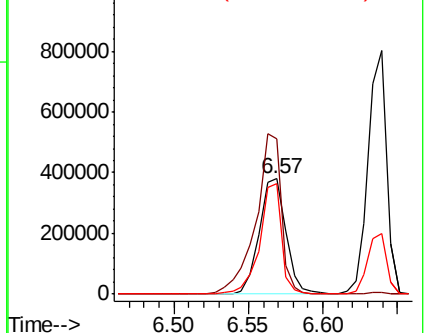
65 96.0 17.0 25.4#

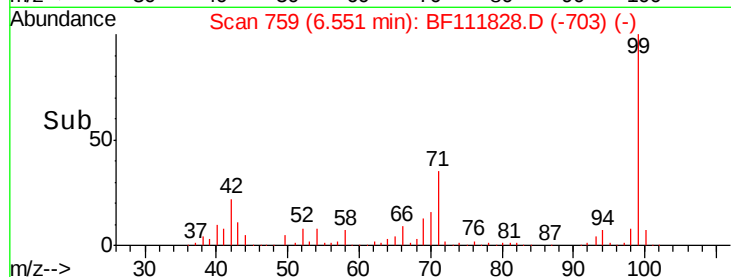
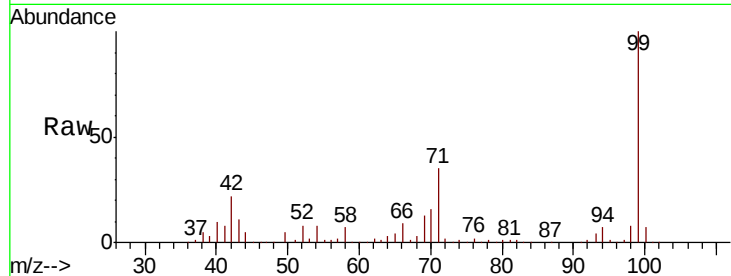
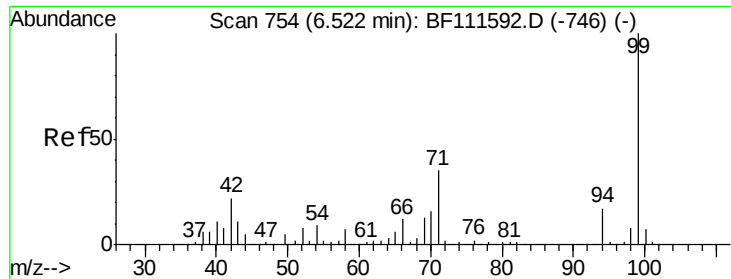


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

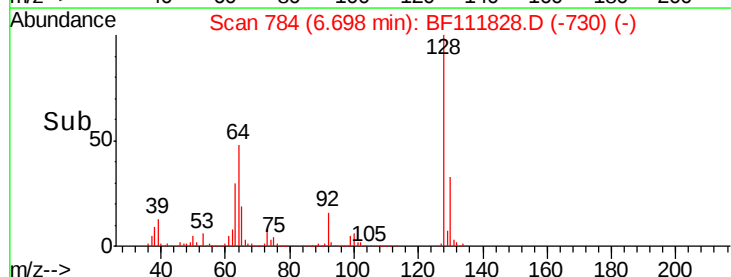
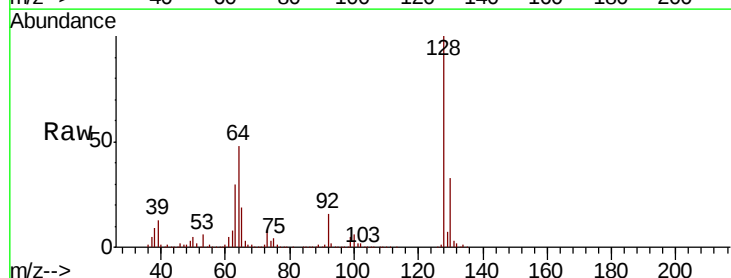
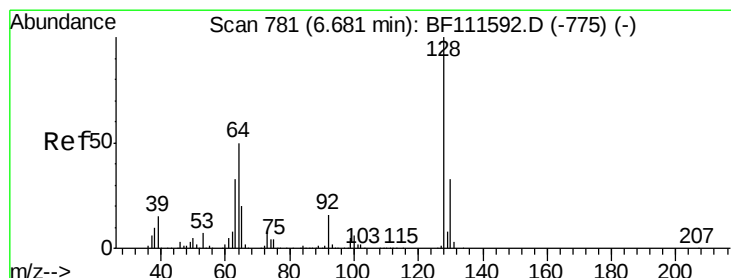
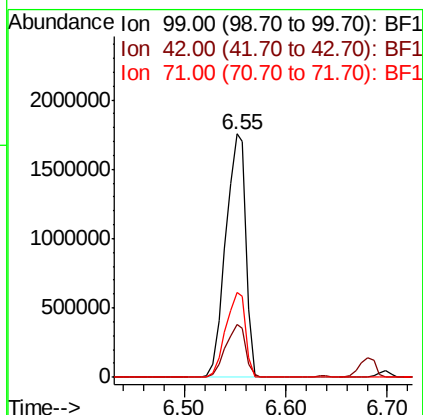




#7
Phenol-d6
Concen: 113.648 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.03 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

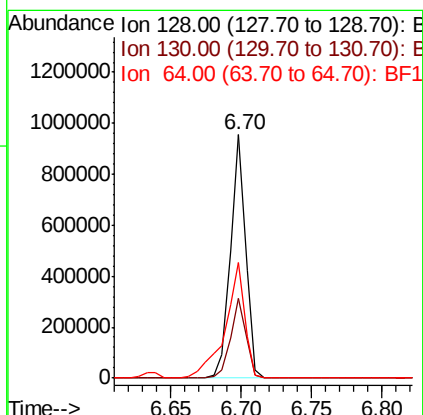
Tot Ion: 99 Resp: 2408949
Ion Ratio Lower Upper
99 100
42 21.6 17.4 26.0
71 34.9 26.1 39.1

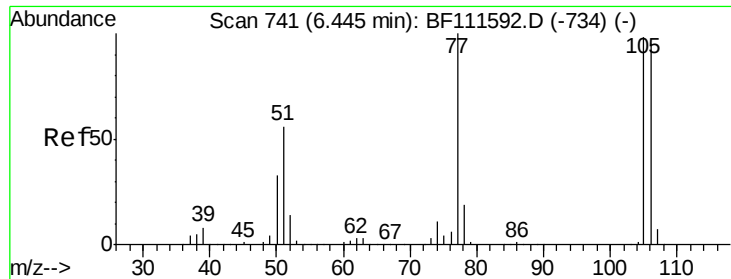
Instrument :
BNA_F
ClientSampleId :



#8
2-Chlorophenol
Concen: 38.637 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:128 Resp: 712844
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 47.5 30.0 70.0





#9

Benzaldehyde

Concen: 21.251 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

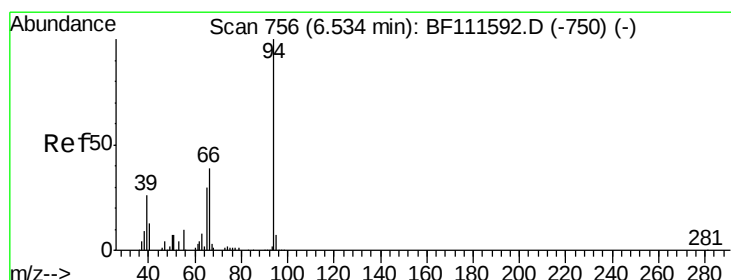
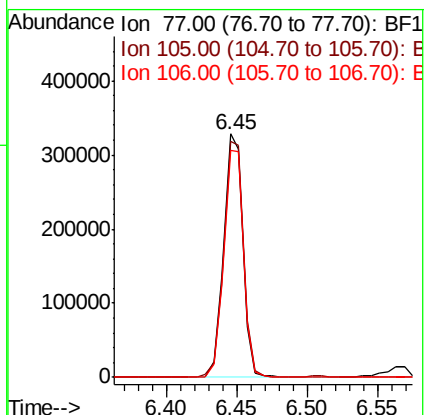
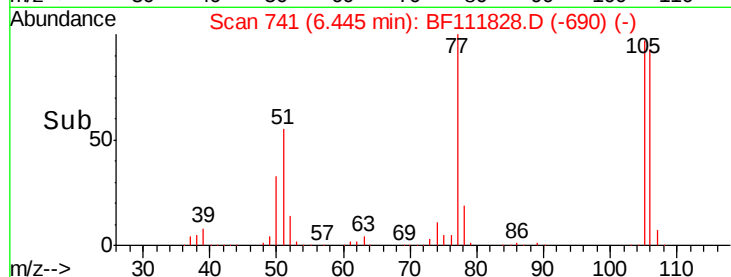
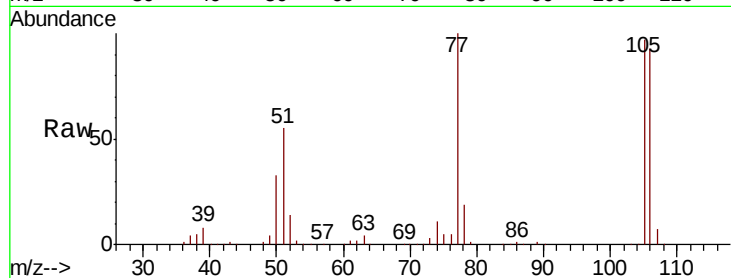
Tot Ion: 77 Resp: 309793

Ion Ratio Lower Upper

77 100

105 96.7 81.4 121.4

106 93.2 77.9 117.9



#10

Phenol

Concen: 38.009 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.04 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

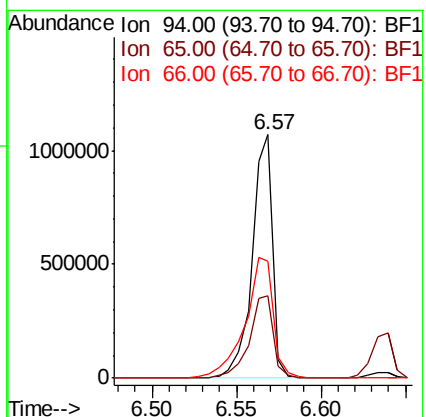
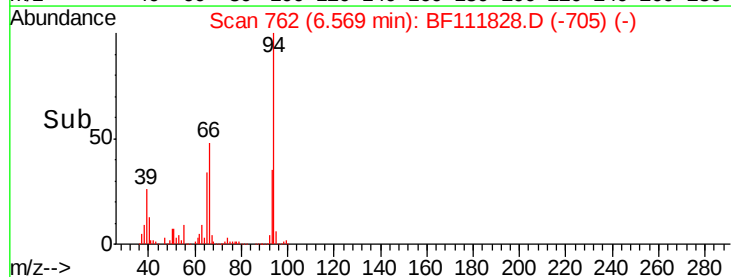
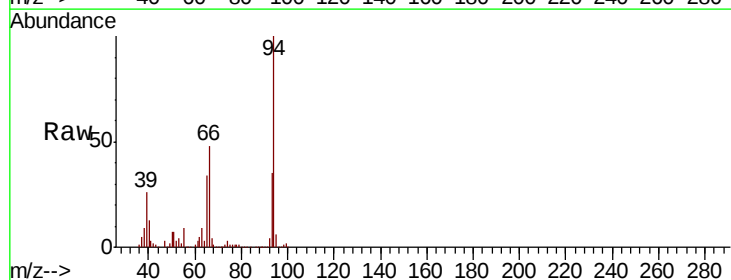
Tgt Ion: 94 Resp: 909026

Ion Ratio Lower Upper

94 100

65 34.0 11.7 51.7

66 47.8 21.0 61.0





#11

bis(2-Chloroethyl)ether

Concen: 38.327 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

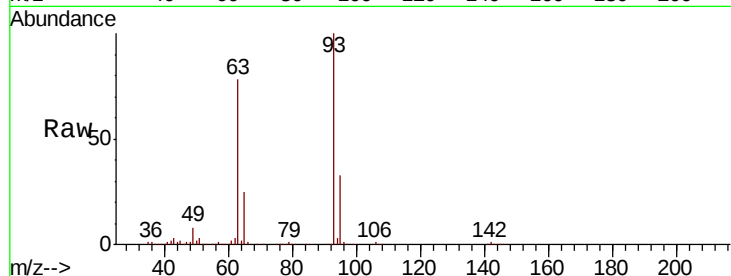
Tot Ion: 93 Resp: 686883

Ion Ratio Lower Upper

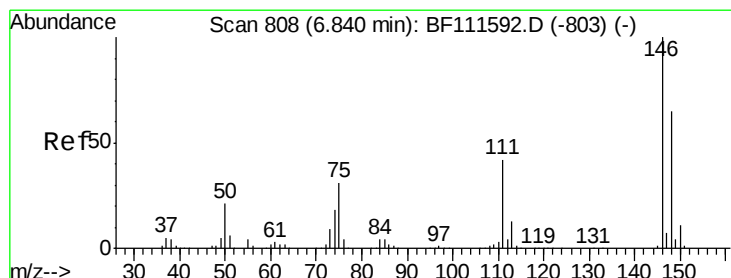
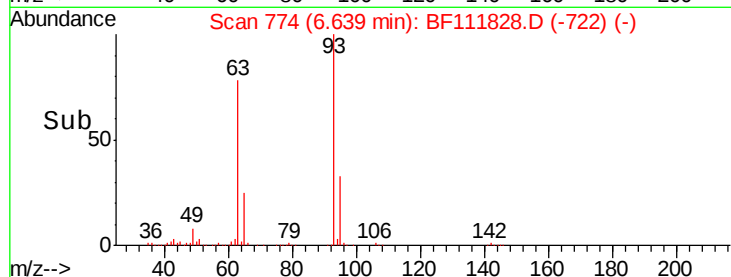
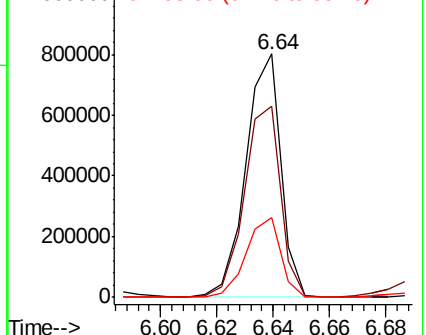
93 100

63 78.5 60.0 100.0

95 32.7 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: 36.241 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

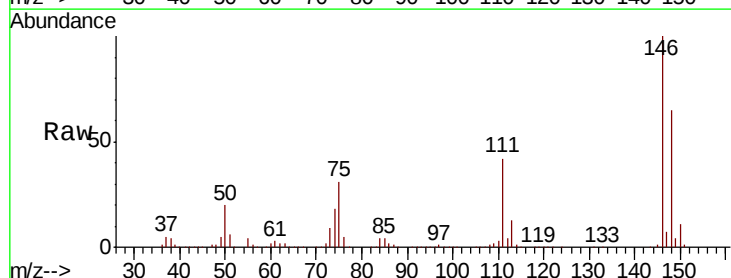
Tgt Ion: 146 Resp: 774884

Ion Ratio Lower Upper

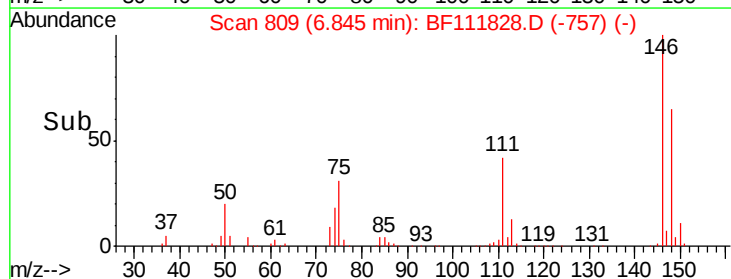
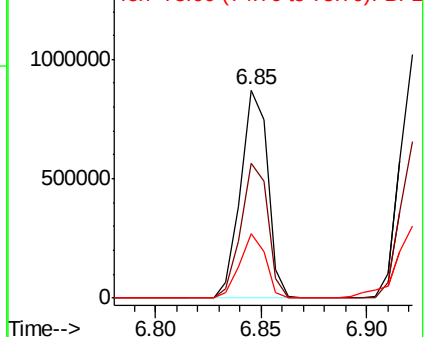
146 100

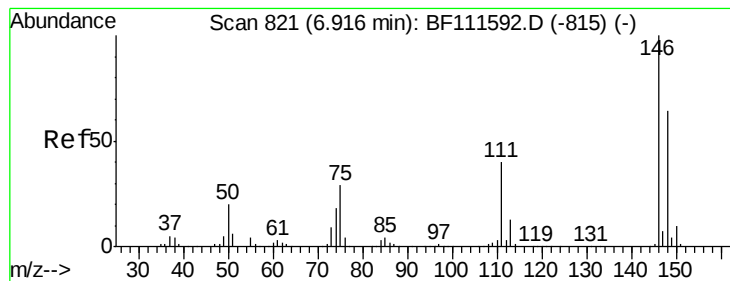
148 64.6 52.1 78.1

75 31.1 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: 36.107 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

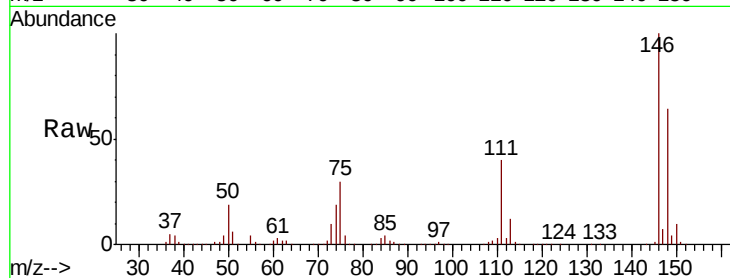
Tot Ion:146 Resp: 782954

Ion Ratio Lower Upper

146 100

148 64.1 52.8 79.2

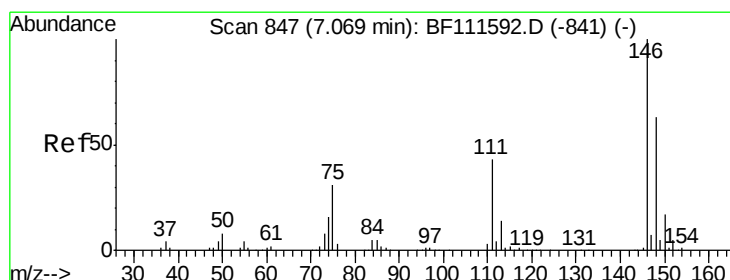
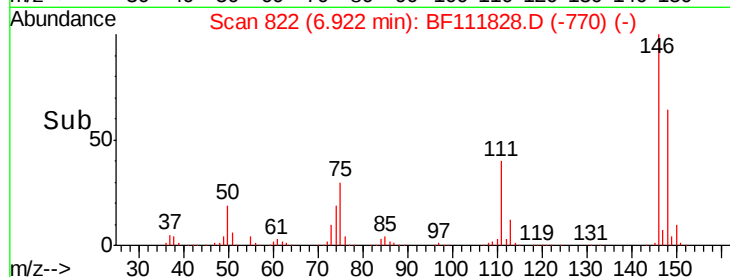
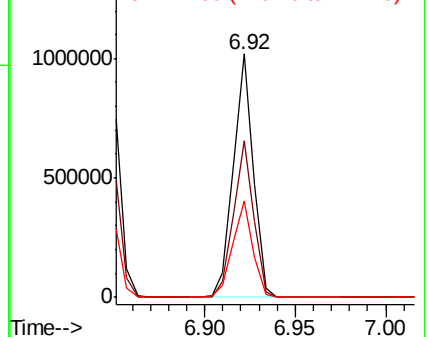
111 39.7 33.4 50.0



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: 36.444 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

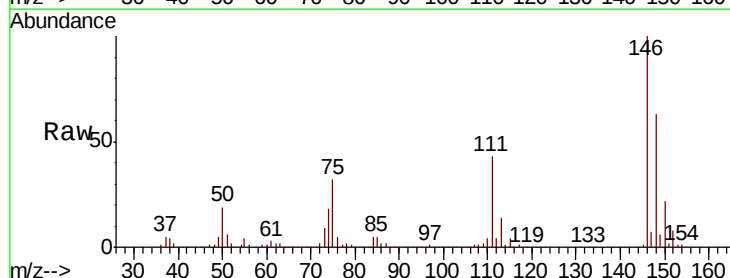
Tgt Ion:146 Resp: 737303

Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

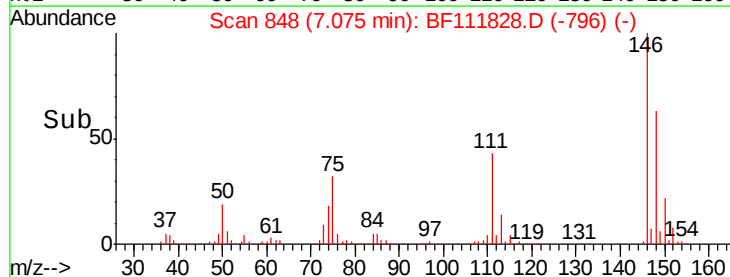
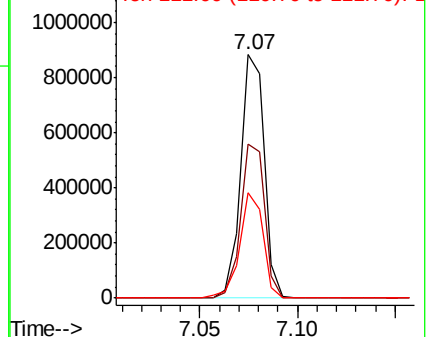
111 43.2 36.2 54.4

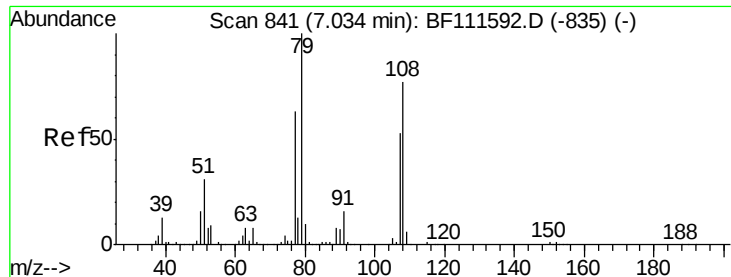


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.074 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

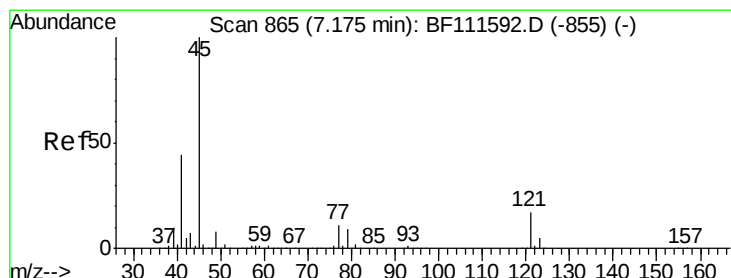
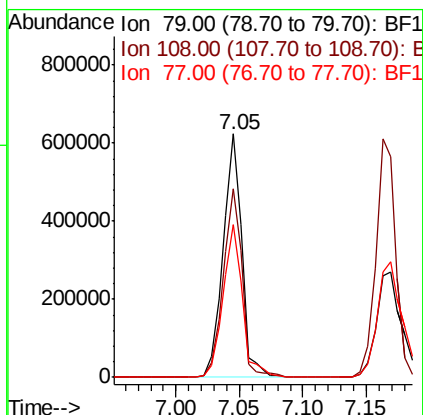
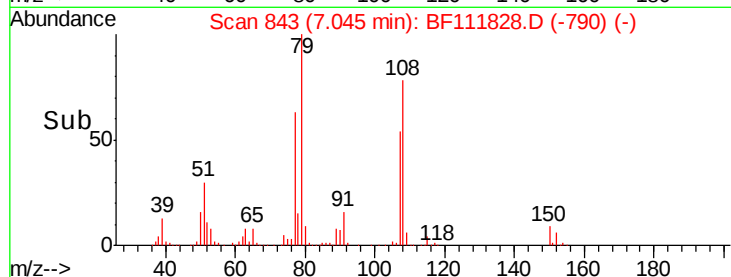
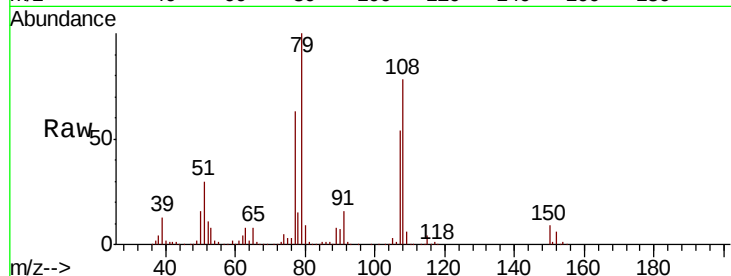
Tot Ion: 79 Resp: 640944

Ion Ratio Lower Upper

79 100

108 77.6 69.4 104.2

77 62.7 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.783 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

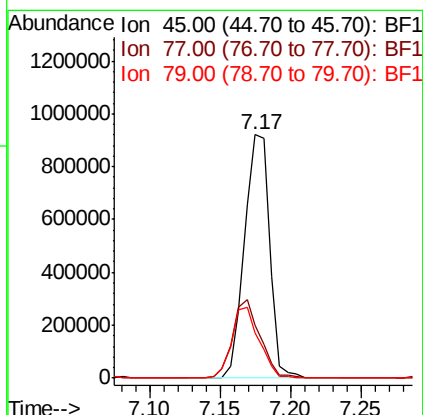
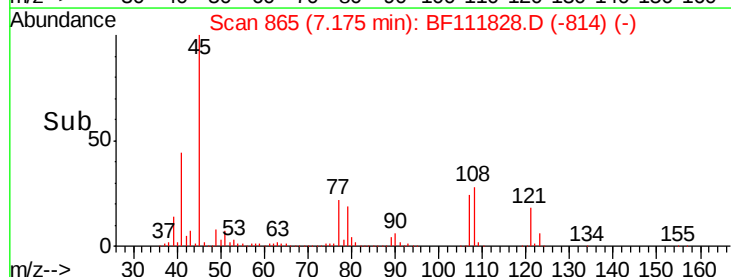
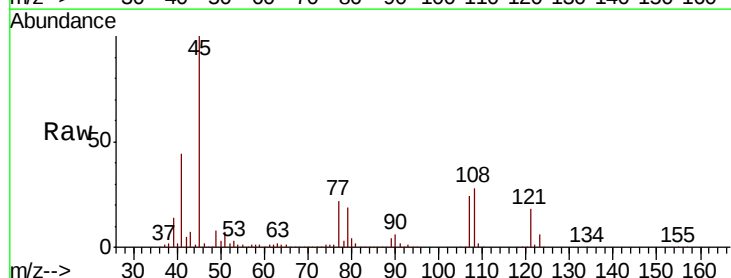
Tgt Ion: 45 Resp: 1148081

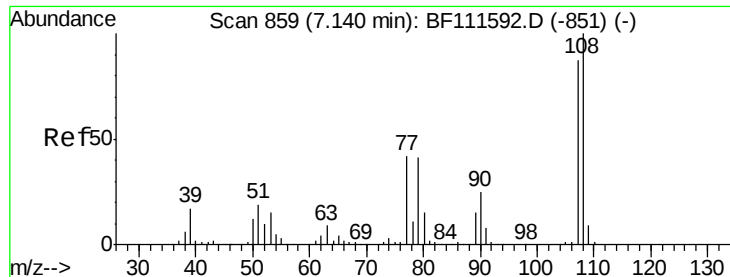
Ion Ratio Lower Upper

45 100

77 21.9 0.0 31.5

79 18.5 0.0 28.9

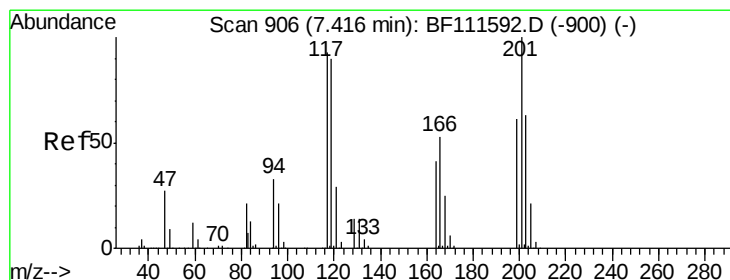
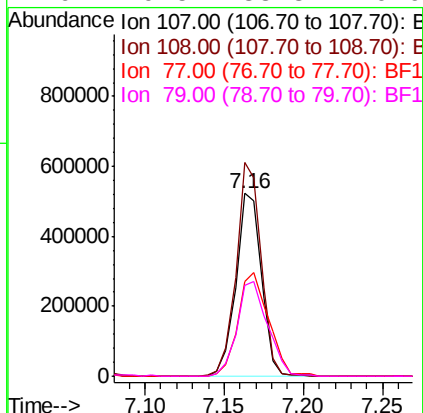
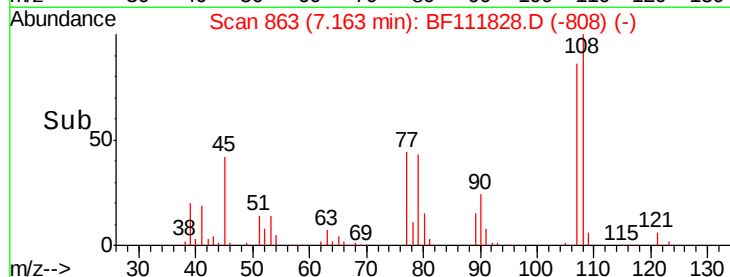
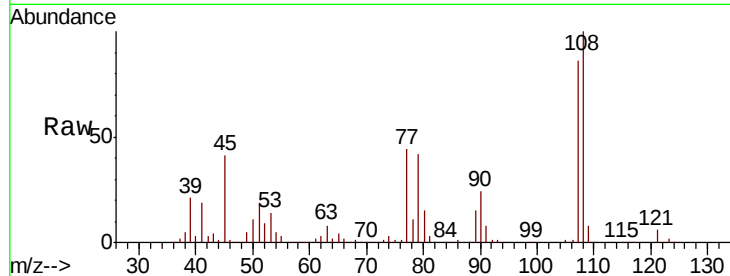




#17
2-Methylphenol
Concen: 39.350 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

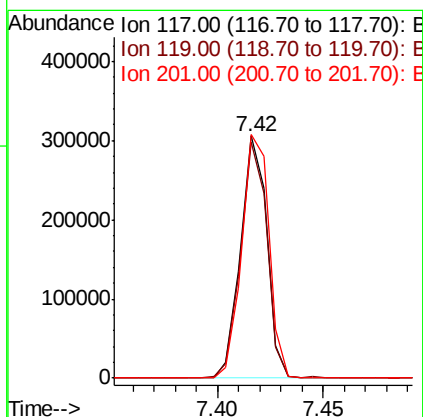
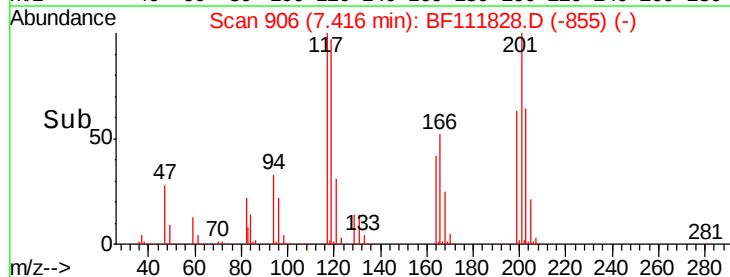
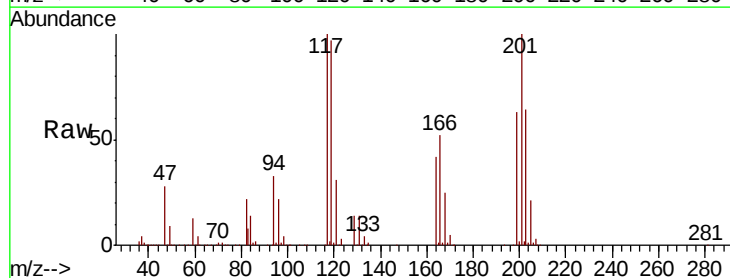
Instrument :
BNA_F
ClientSampled :

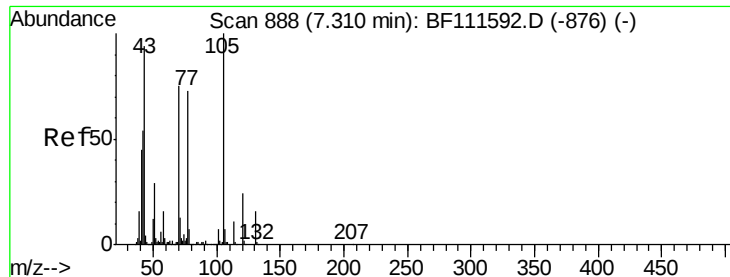
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.8	91.0	136.4
77	51.7	33.5	50.3
79	49.5	33.3	49.9



#18
Hexachloroethane
Concen: 36.004 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.4	113.0
201	100.5	62.4	93.6

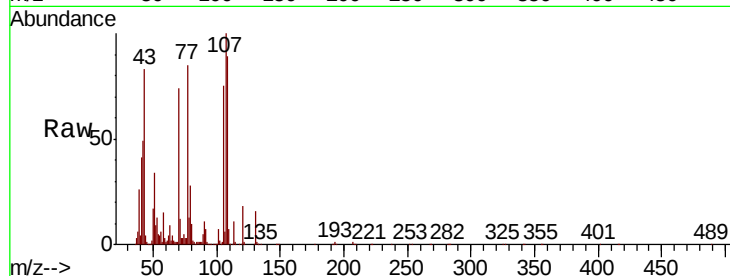




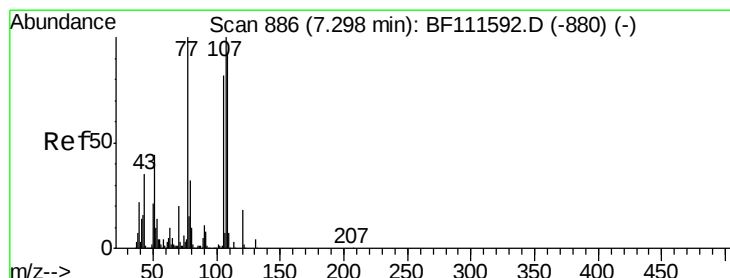
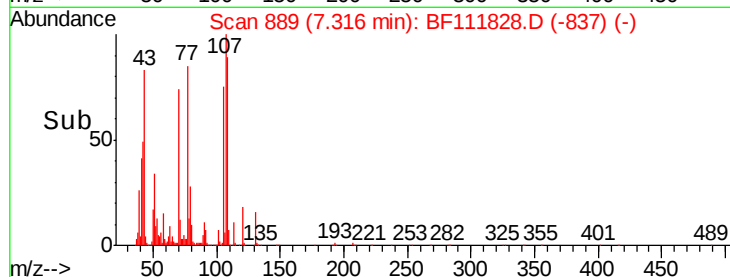
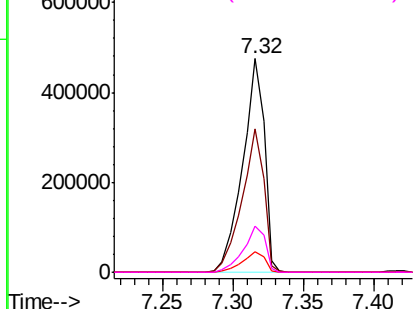
#19
n-Nitroso-di-n-propylamine
Concen: 36.217 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 509819
Ion Ratio Lower Upper
70 100
42 66.9 53.2 79.8
101 9.8 8.2 12.4
130 21.4 18.1 27.1



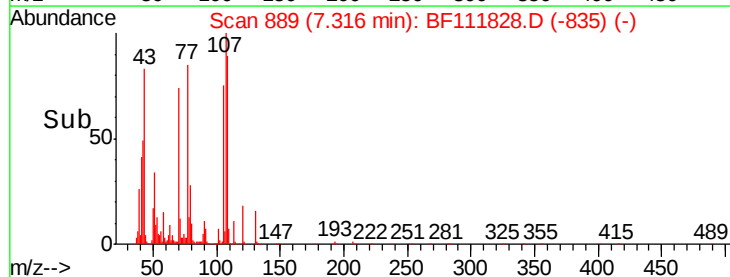
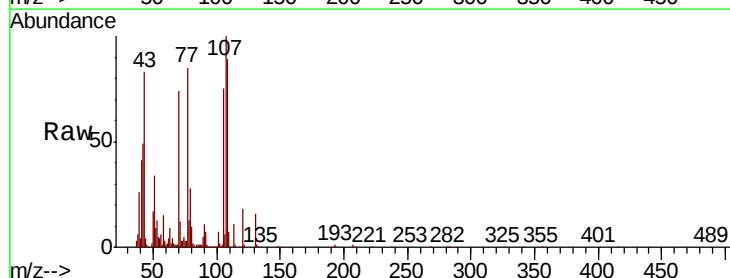
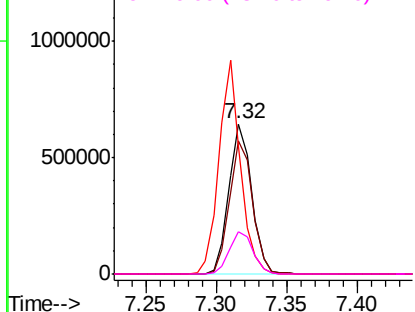
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

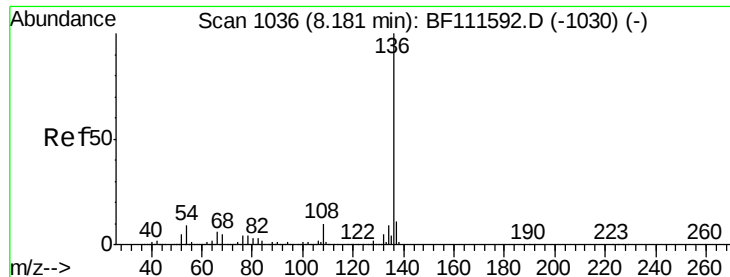


#20
3+4-Methylphenols
Concen: 38.648 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion: 107 Resp: 721449
Ion Ratio Lower Upper
107 100
108 88.7 72.1 112.1
77 85.1 94.1 134.1#
79 28.3 9.8 49.8

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1070053

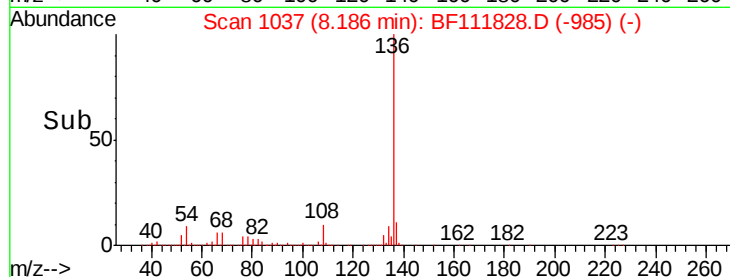
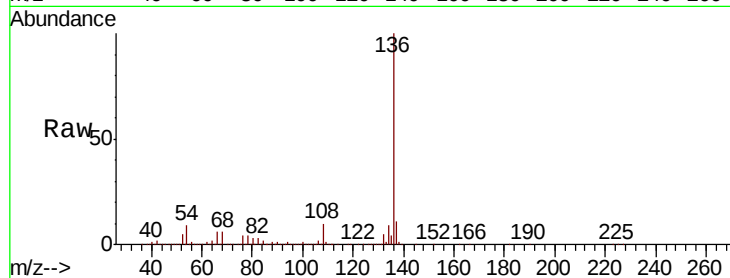
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.2 7.7 11.5

68 6.0 4.9 7.3

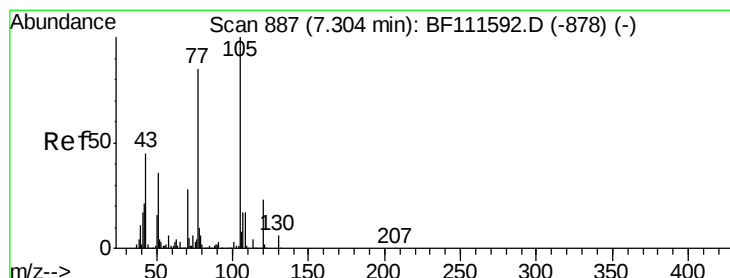
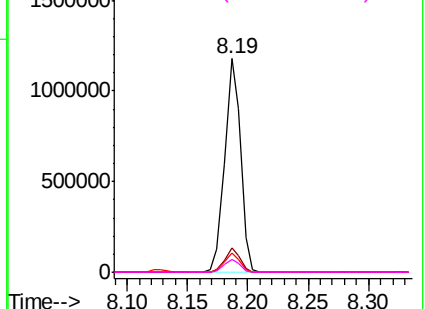


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.262 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Tgt Ion:105 Resp: 955906

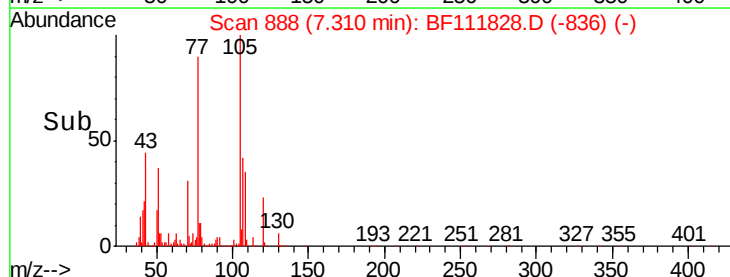
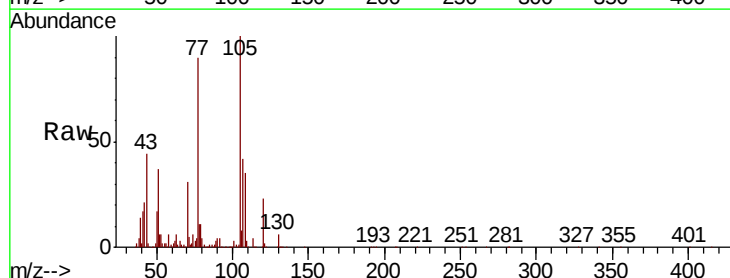
Ion Ratio Lower Upper

105 100

71 5.4 3.1 4.7#

51 36.7 36.6 54.8

120 22.9 18.2 27.4

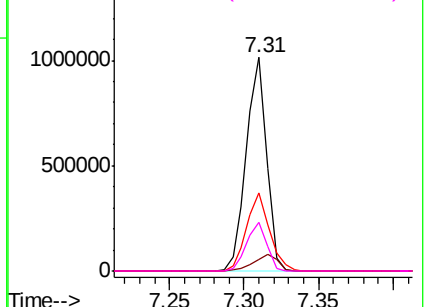


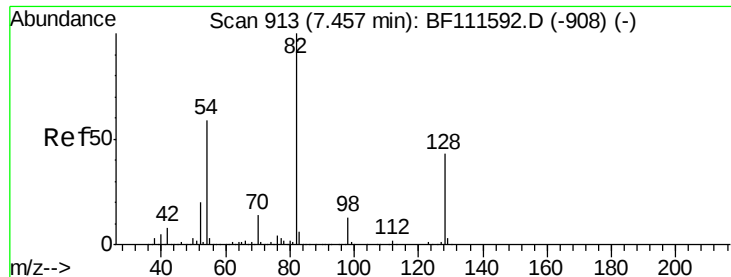
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

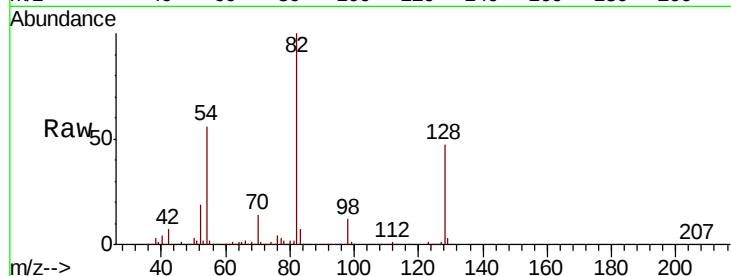




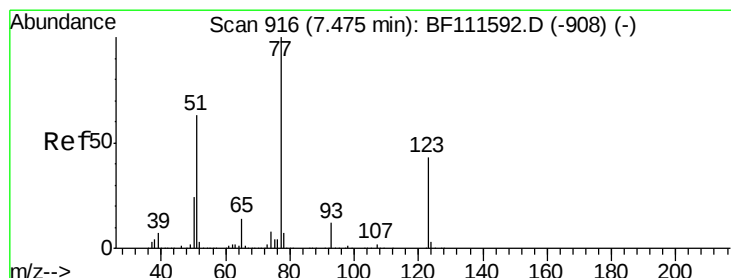
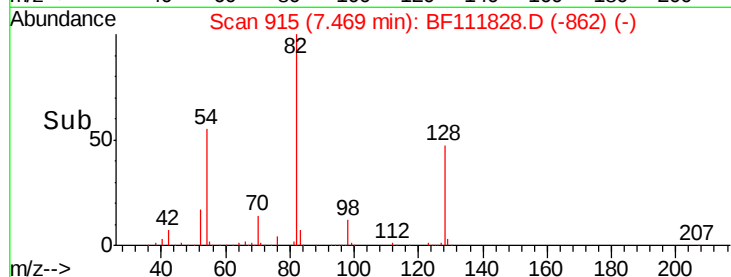
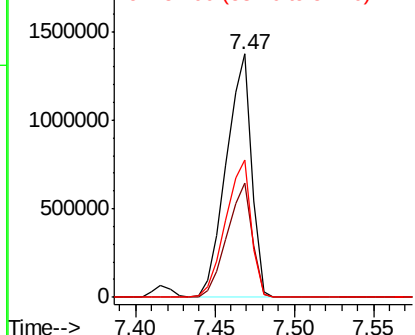
#23
 Nitrobenzene-d5
 Concen: 82.978 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1525422
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.4 56.2
 54 56.4 47.6 71.4

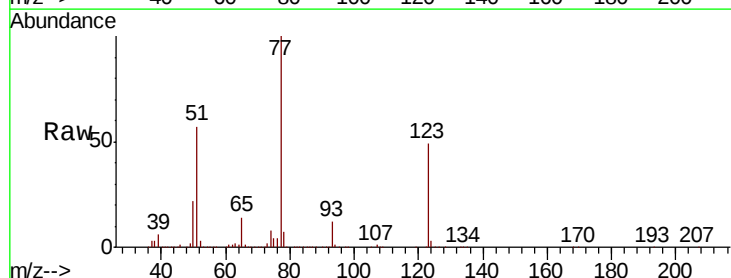


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

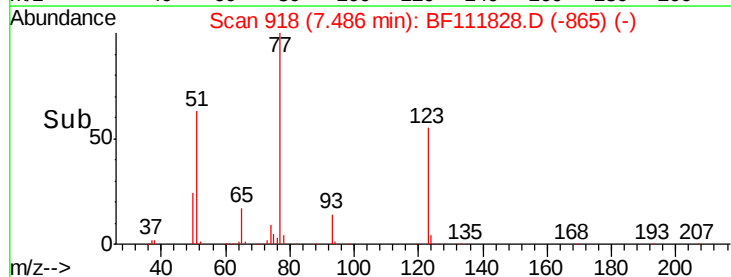
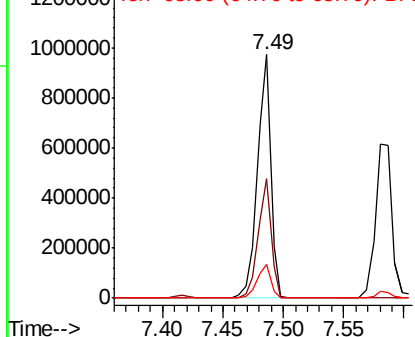


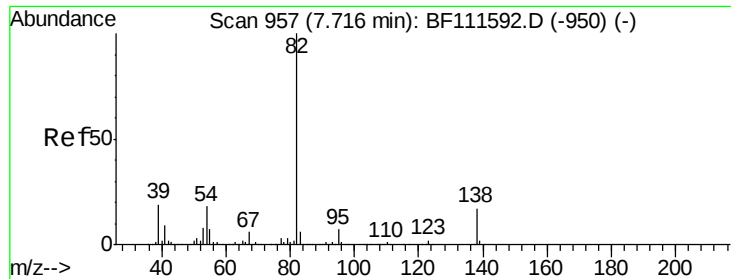
#24
 Nitrobenzene
 Concen: 39.408 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion: 77 Resp: 759296
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.2 55.8
 65 14.1 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: 41.839 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

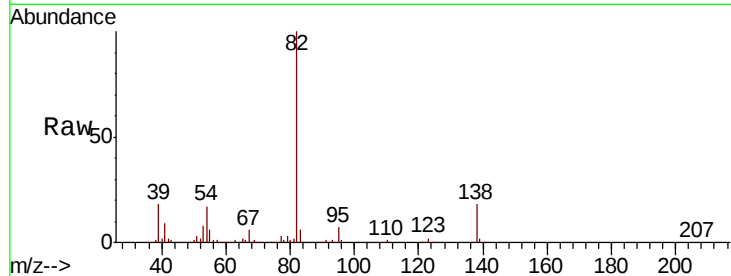
Tot Ion: 82 Resp: 1365455

Ion Ratio Lower Upper

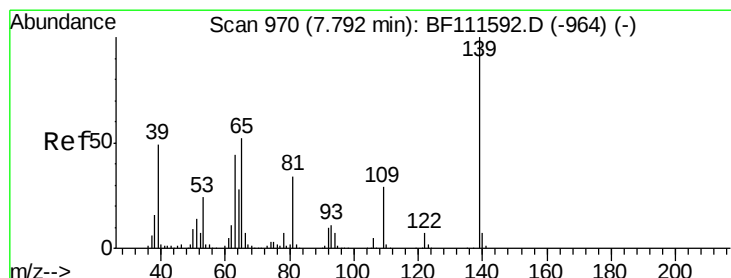
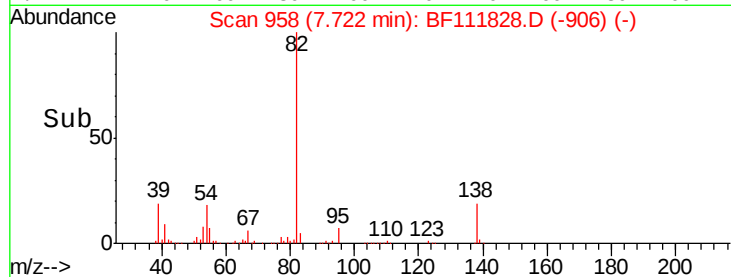
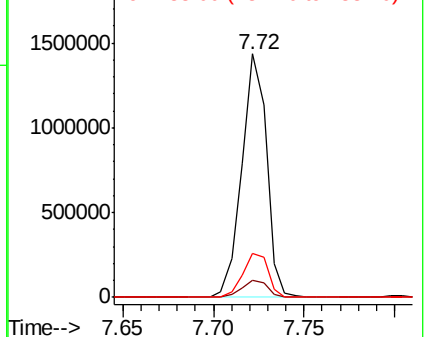
82 100

95 7.1 5.4 8.2

138 18.0 15.1 22.7



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



#26

2-Nitrophenol

Concen: 48.769 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

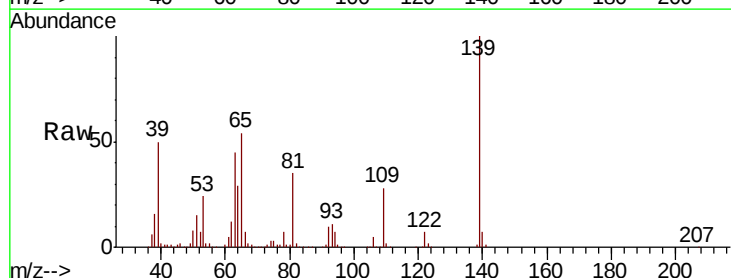
Tgt Ion: 139 Resp: 381094

Ion Ratio Lower Upper

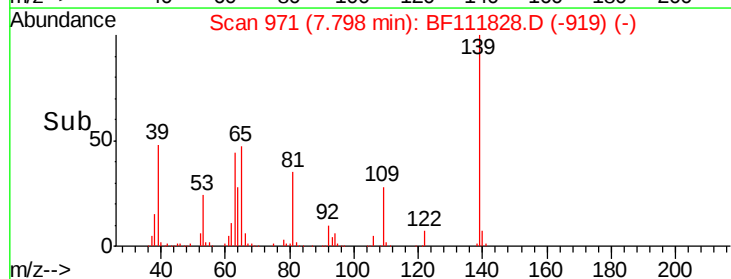
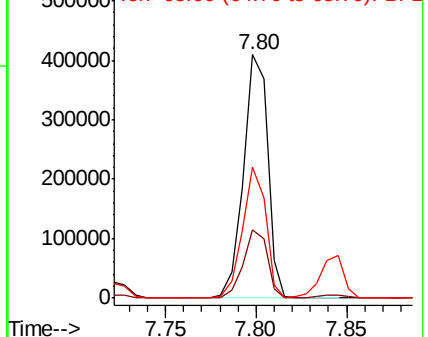
139 100

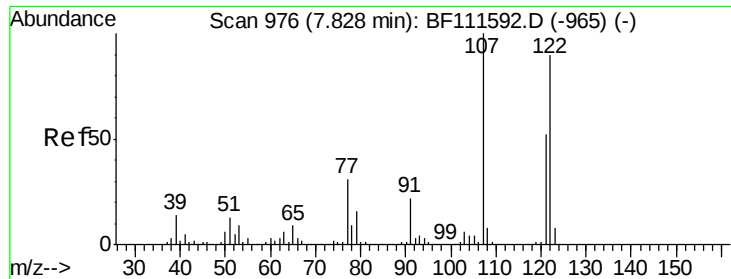
109 28.3 20.2 30.4

65 53.9 40.7 61.1



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

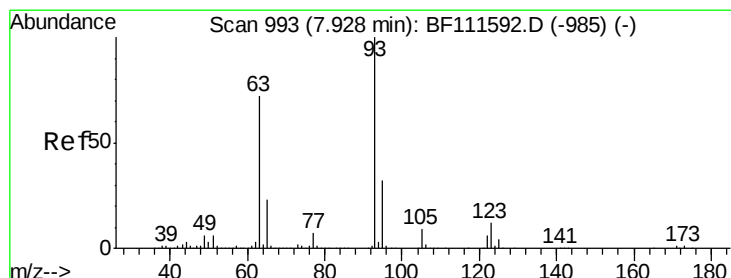
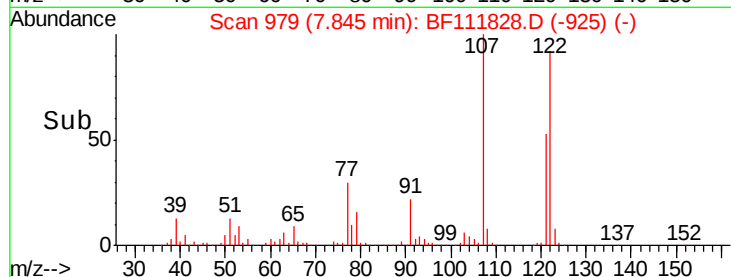
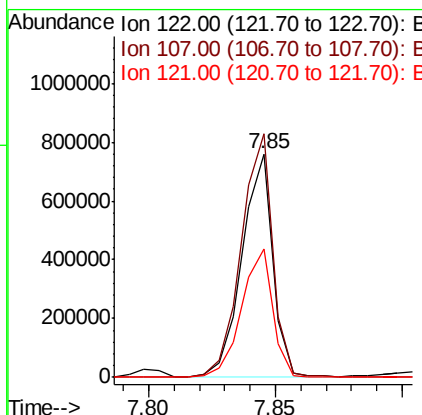
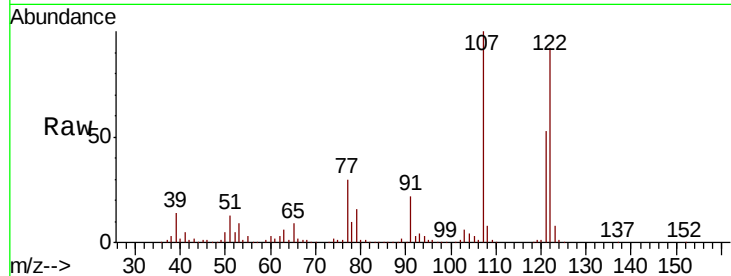




#27
2,4-Dimethylphenol
Concen: 41.809 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

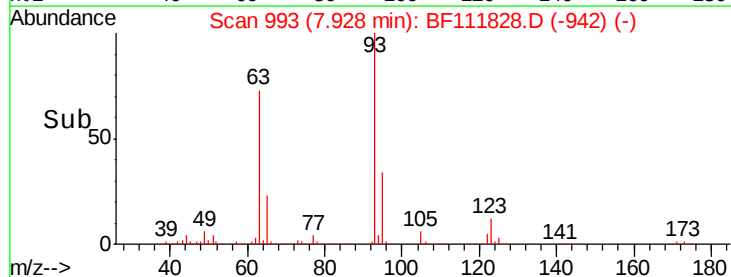
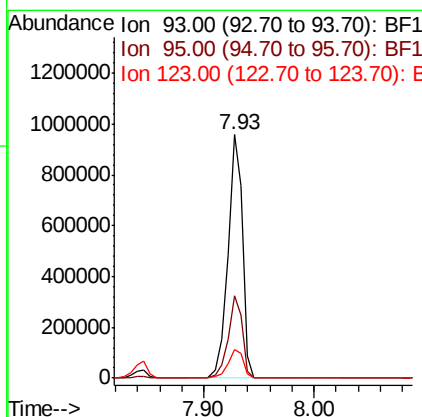
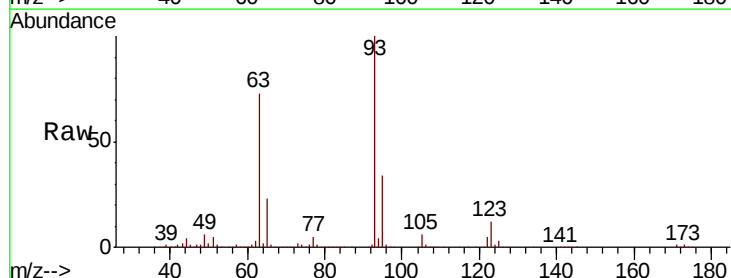
Instrument :
BNA_F
ClientSampled :

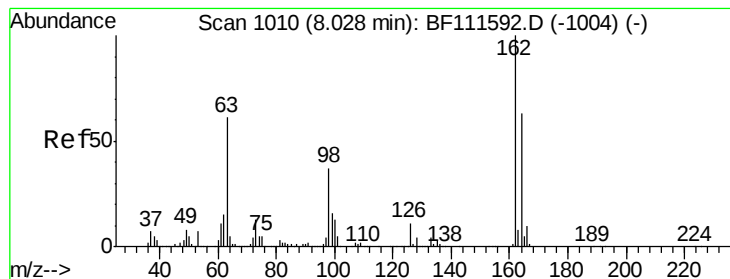
Tot Ion:122 Resp: 644019
Ion Ratio Lower Upper
122 100
107 109.0 85.5 128.3
121 57.3 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.454 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion: 93 Resp: 878560
Ion Ratio Lower Upper
93 100
95 33.8 27.1 40.7
123 11.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 39.542 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

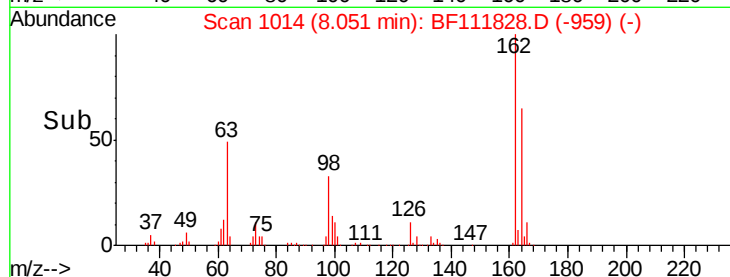
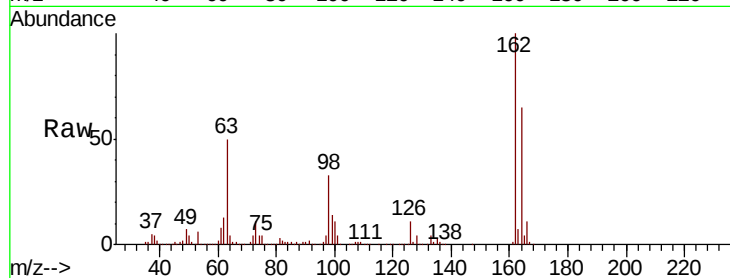
Tot Ion:162 Resp: 655145

Ion Ratio Lower Upper

162 100

164 65.2 44.4 84.4

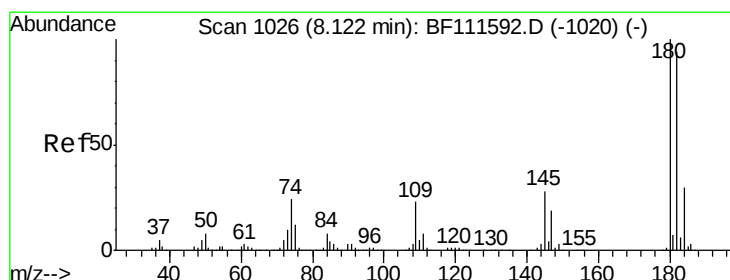
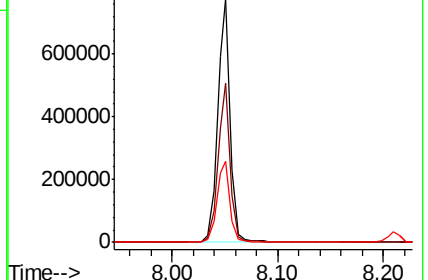
98 33.2 20.3 60.3



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: 36.614 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

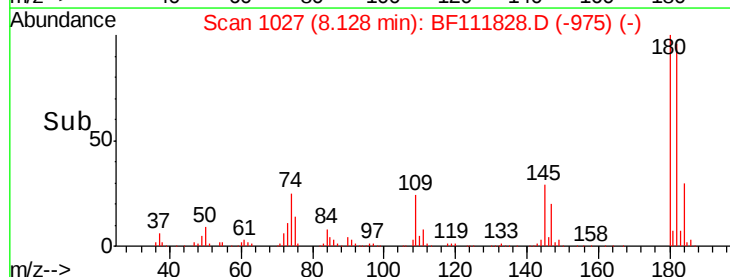
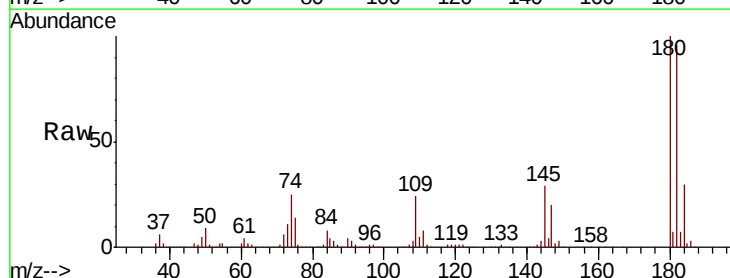
Tgt Ion:180 Resp: 676014

Ion Ratio Lower Upper

180 100

182 95.5 75.6 113.4

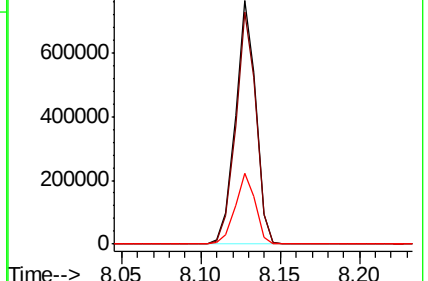
145 29.0 26.7 40.1

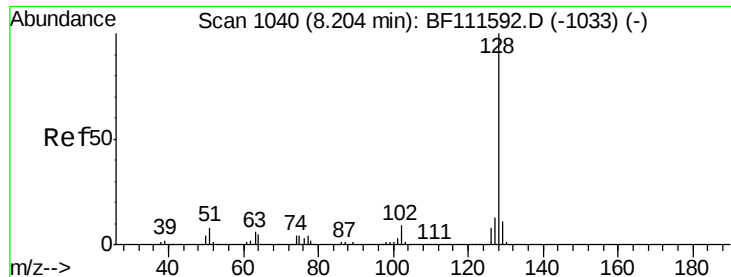


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

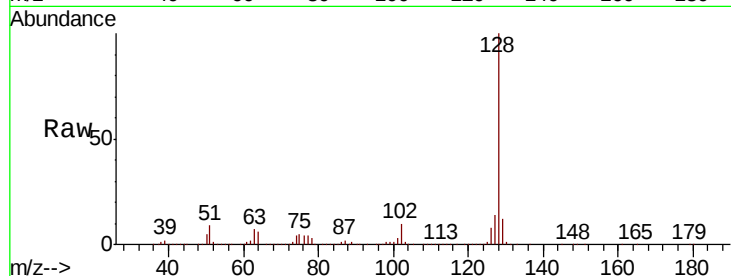




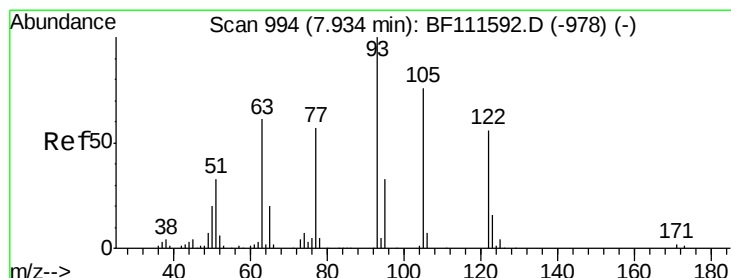
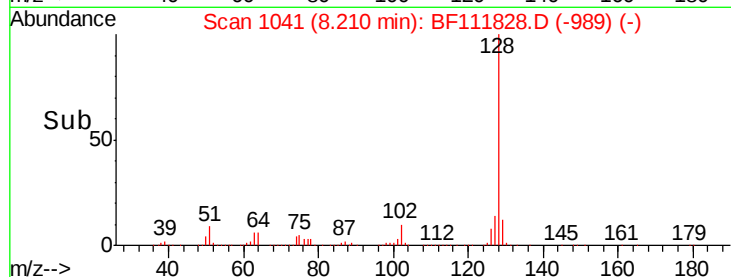
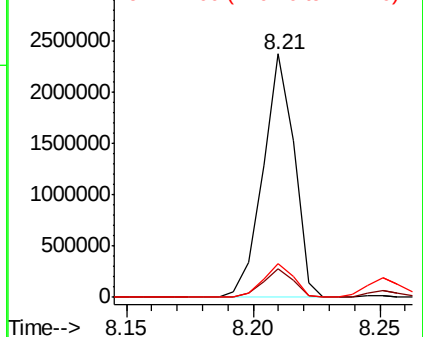
#31
Naphthalene
Concen: 39.333 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2022300
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.8
127 14.0 12.0 18.0

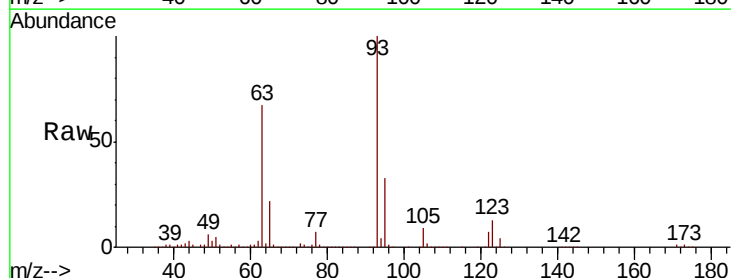


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

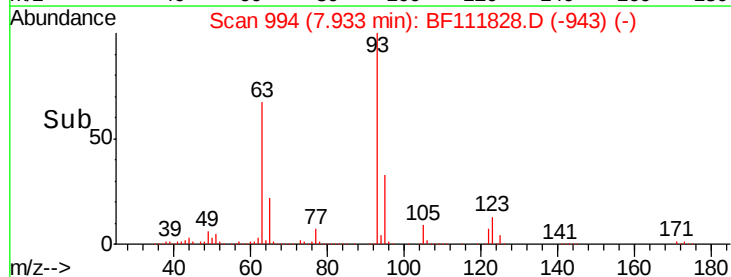
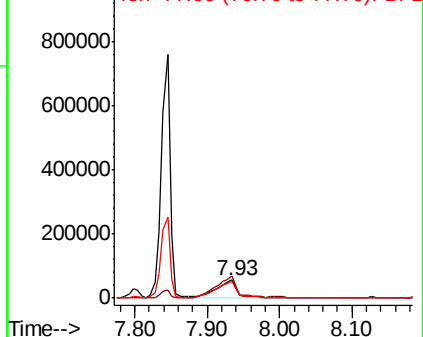


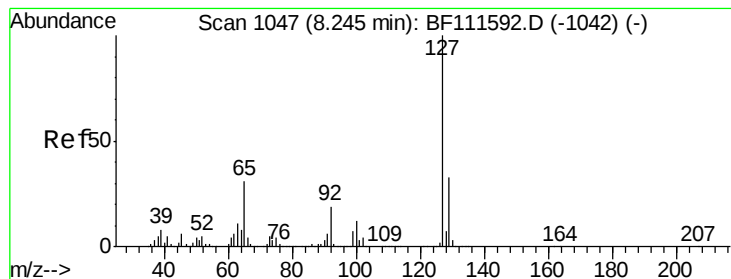
#32
Benzoic acid
Concen: 11.760 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:122 Resp: 119772
Ion Ratio Lower Upper
122 100
105 121.8 97.0 137.0
77 96.6 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: 9.522 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 211597

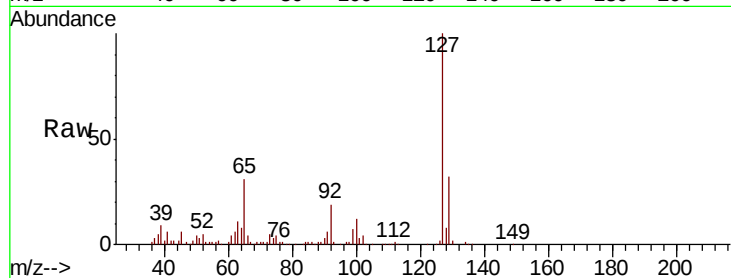
Ion Ratio Lower Upper

127 100

129 32.4 26.6 39.8

65 30.9 25.7 38.5

92 18.7 15.4 23.2

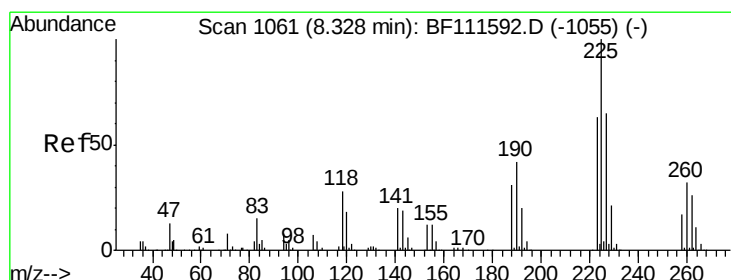
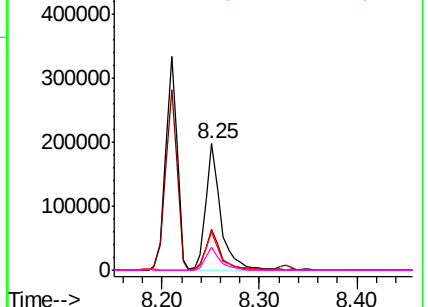
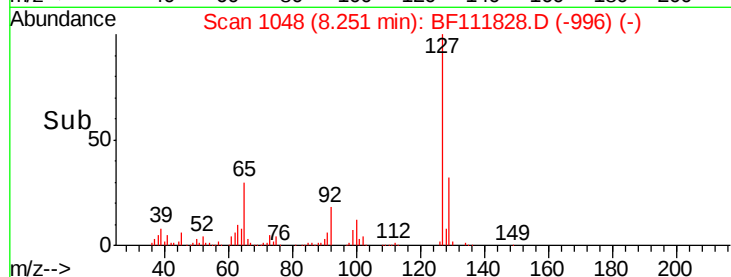


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.924 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

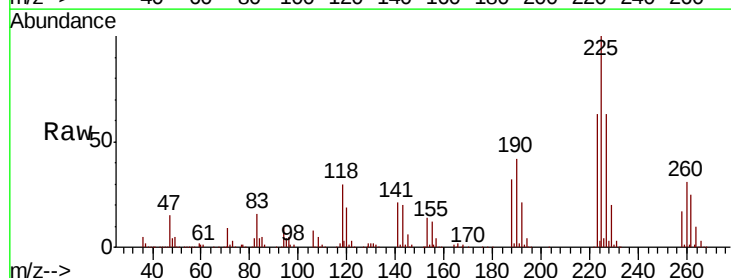
Tgt Ion:225 Resp: 404235

Ion Ratio Lower Upper

225 100

223 63.4 50.7 76.1

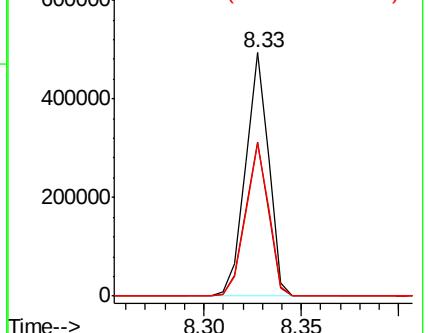
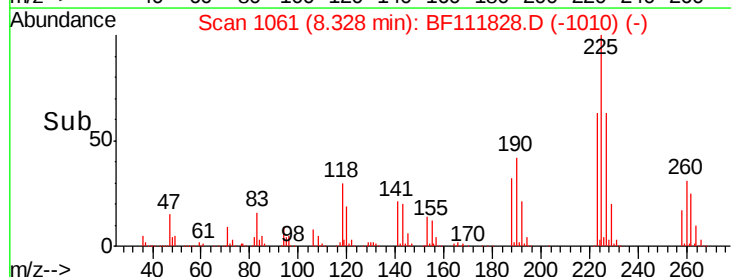
227 62.6 52.6 78.8

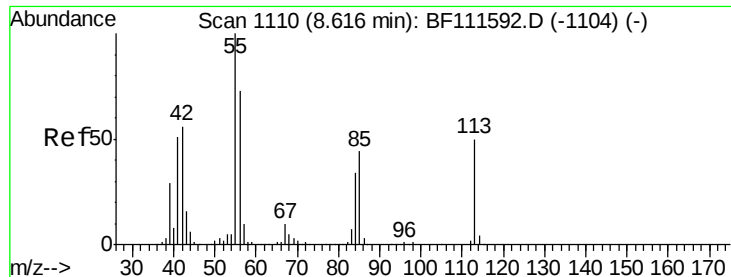


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.370 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

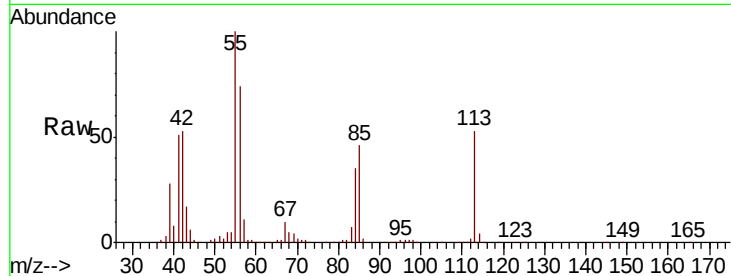
Tot Ion:113 Resp: 164890

Ion Ratio Lower Upper

113 100

55 188.8 184.1 224.1

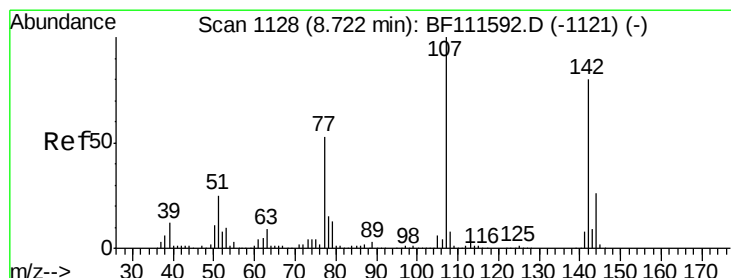
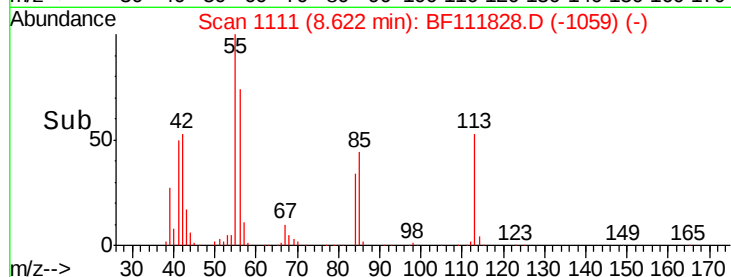
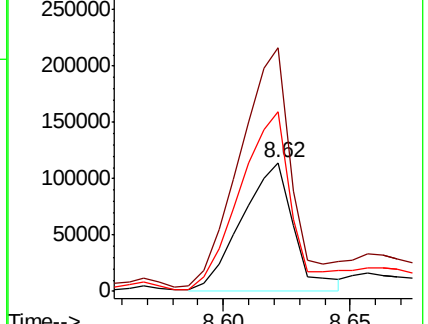
56 139.2 126.0 166.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.478 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.03 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

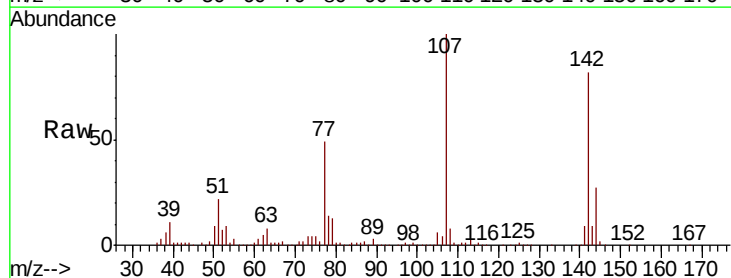
Tgt Ion:107 Resp: 626675

Ion Ratio Lower Upper

107 100

144 26.6 19.8 29.6

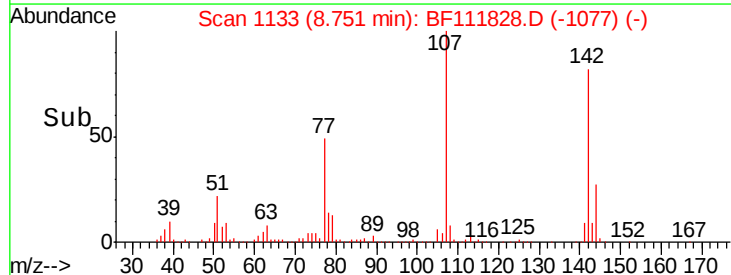
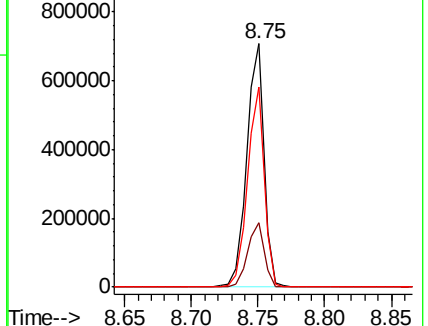
142 82.0 62.3 93.5

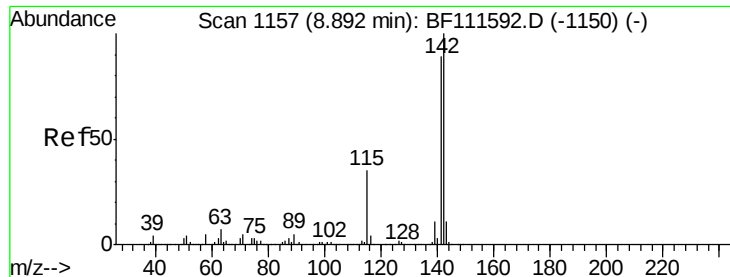


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

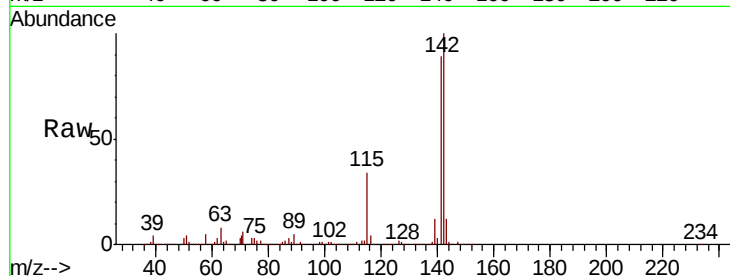




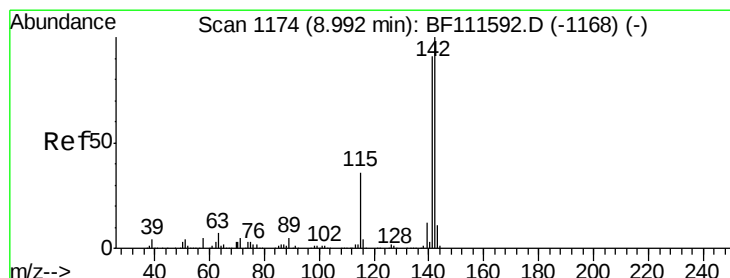
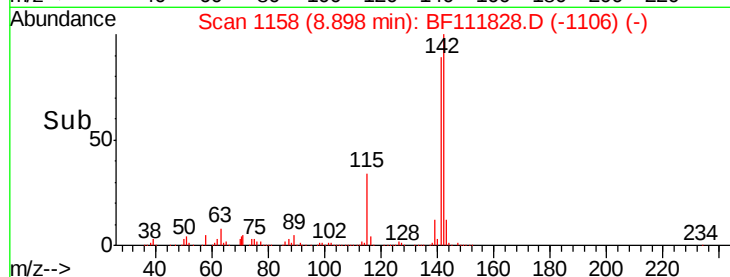
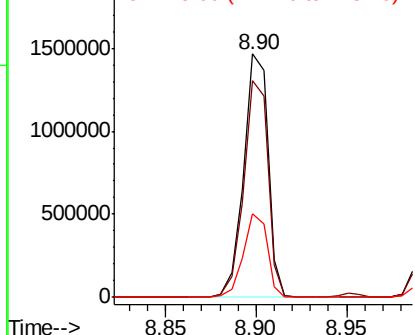
#37
2-Methylnaphthalene
Concen: 41.038 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1372738
Ion Ratio Lower Upper
142 100
141 89.0 70.6 105.8
115 34.4 27.0 40.6

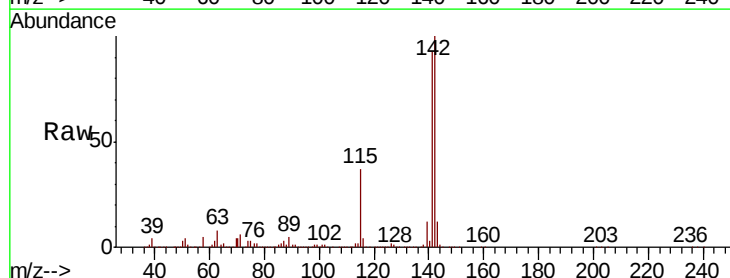


Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

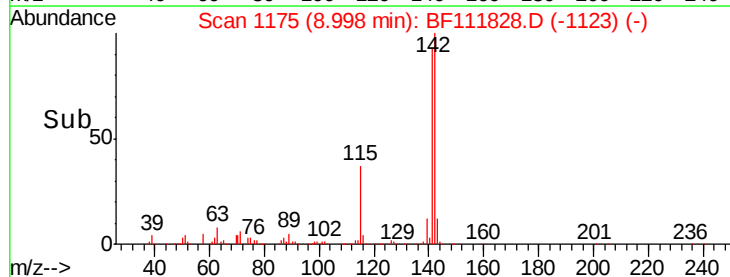
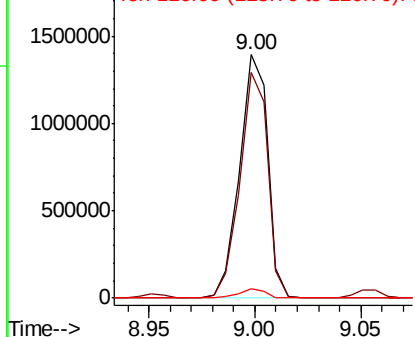


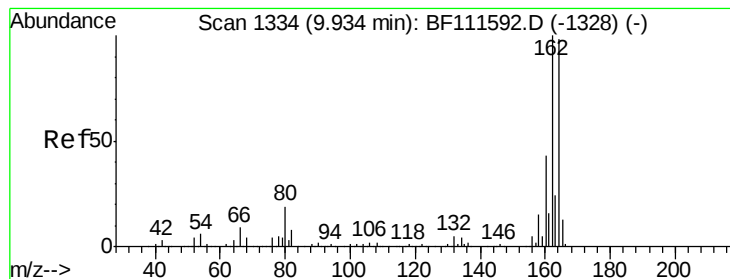
#38
1-Methylnaphthalene
Concen: 39.988 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:142 Resp: 1284678
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4
116 4.0 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

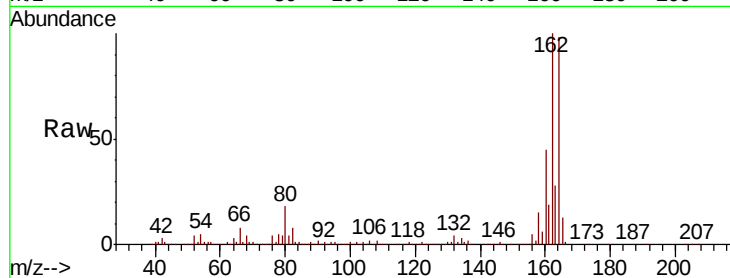
Tot Ion:164 Resp: 498614

Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.0

160 45.8 35.7 53.5

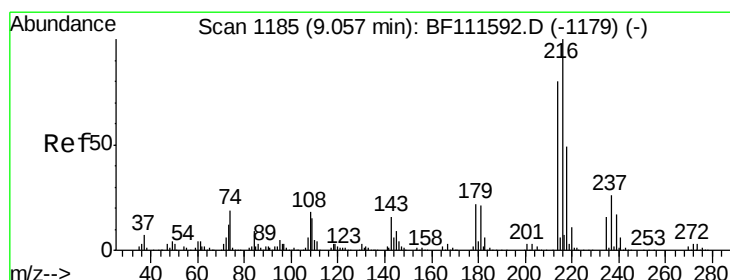
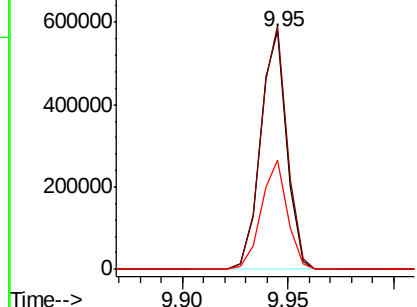
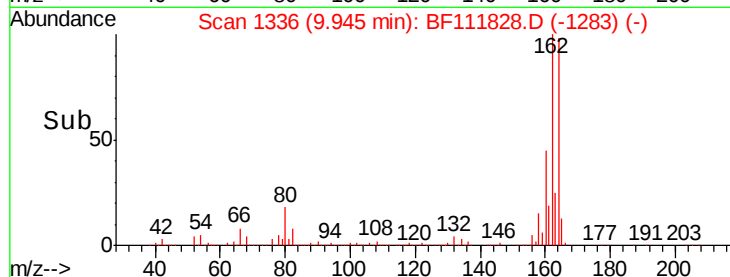


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.219 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Tgt Ion:216 Resp: 658955

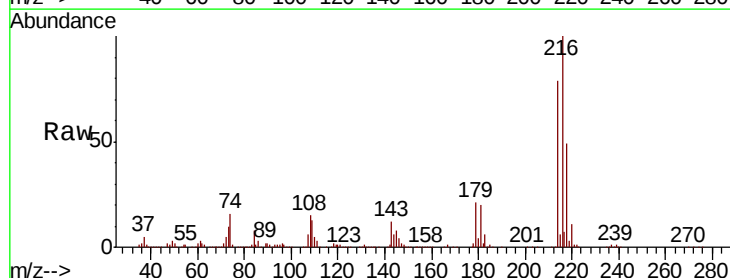
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 21.0 17.9 26.9

108 17.9 18.4 27.6#



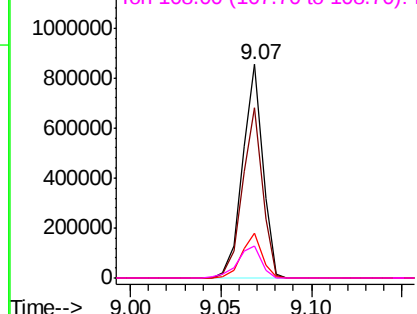
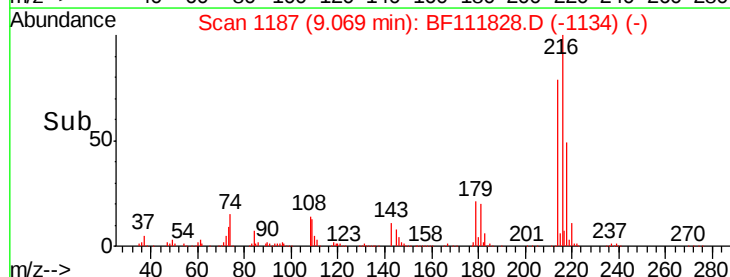
Abundance

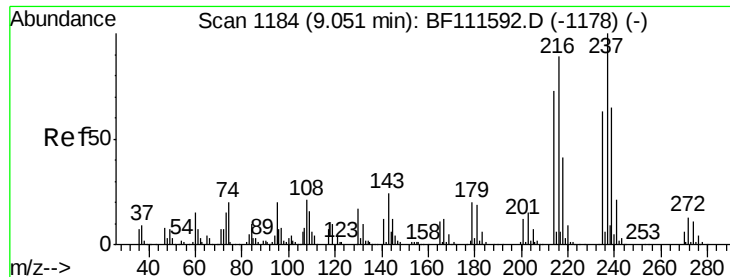
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.772 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

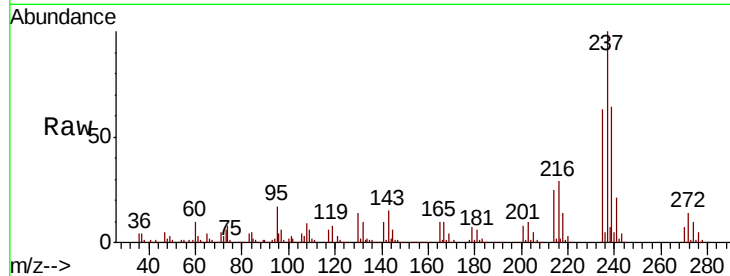
Tot Ion:237 Resp: 395722

Ion Ratio Lower Upper

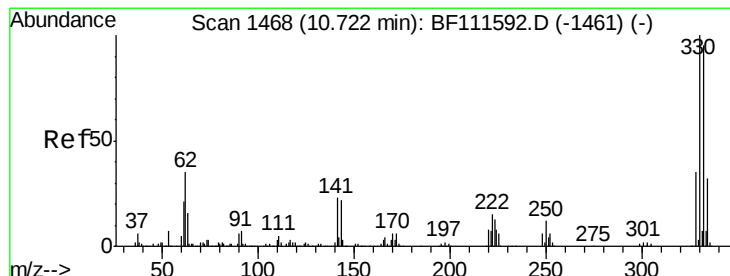
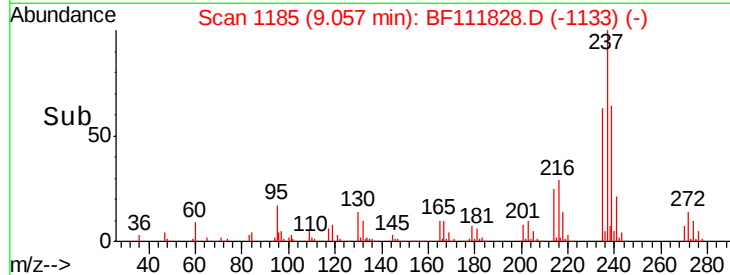
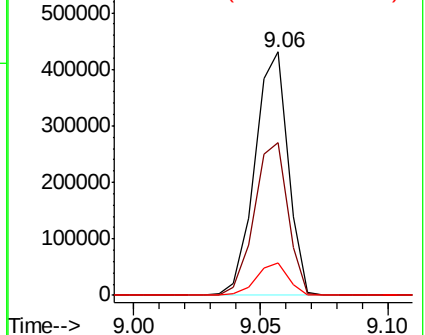
237 100

235 62.7 43.1 83.1

272 13.5 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: 85.887 ng

RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

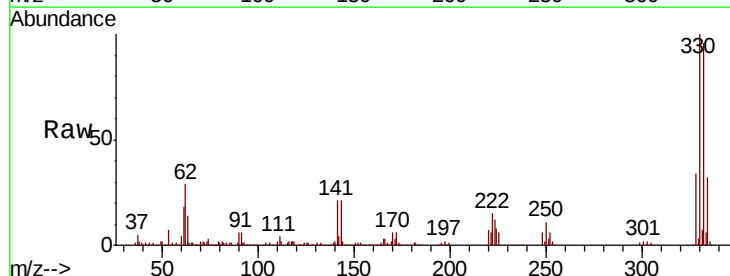
Tgt Ion:330 Resp: 506004

Ion Ratio Lower Upper

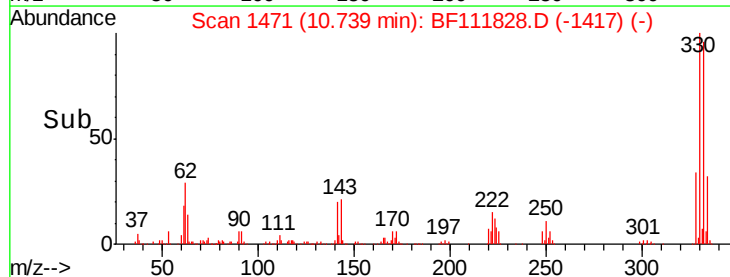
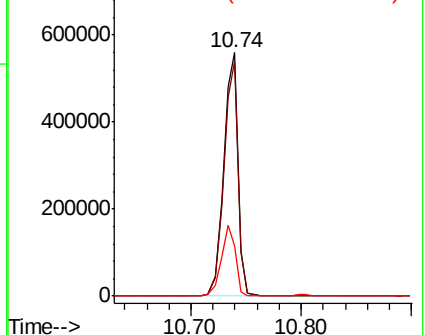
330 100

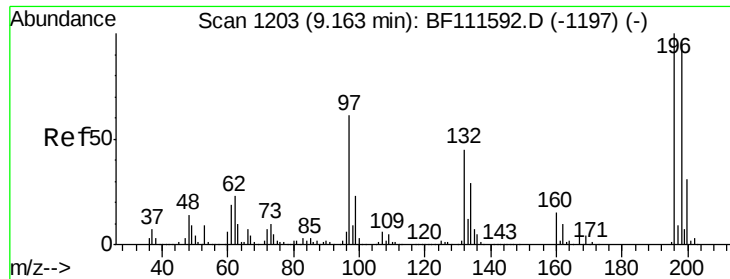
332 95.6 76.0 114.0

141 28.7 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

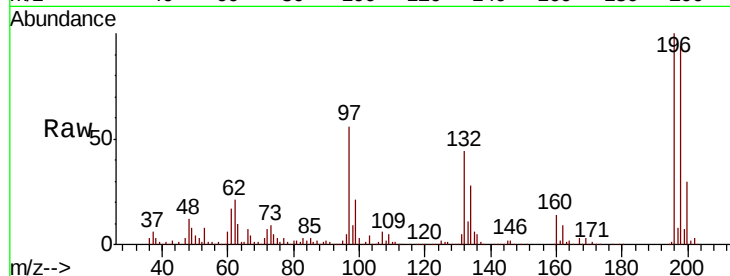




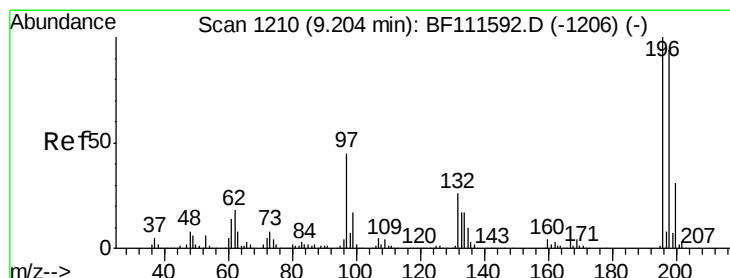
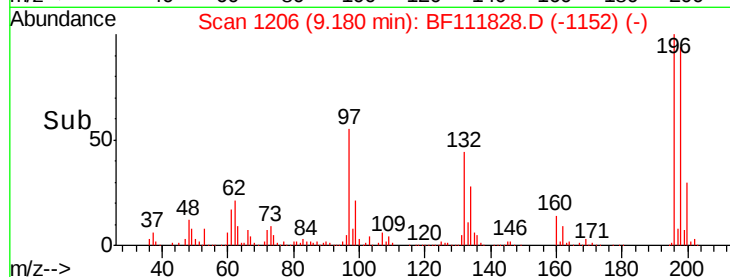
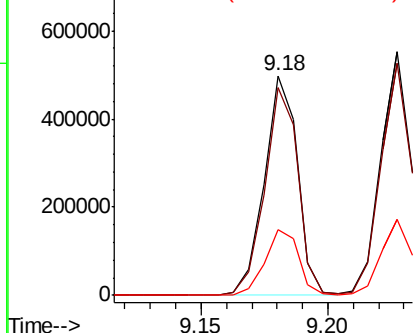
#43
 2,4,6-Trichlorophenol
 Concen: 41.900 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 458349
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.3 114.5
 200 30.2 24.9 37.3

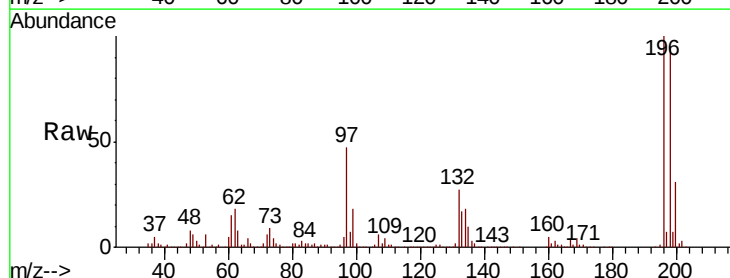


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

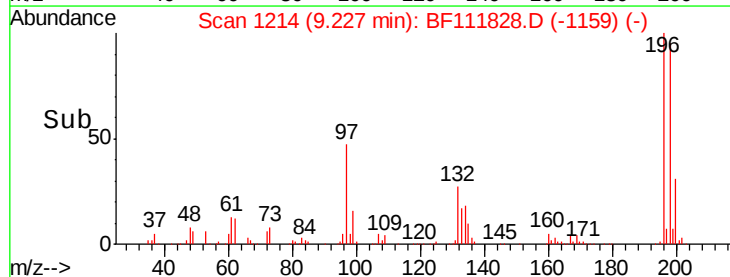
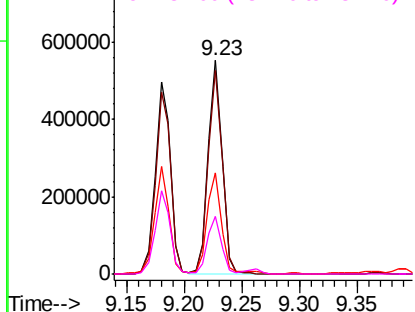


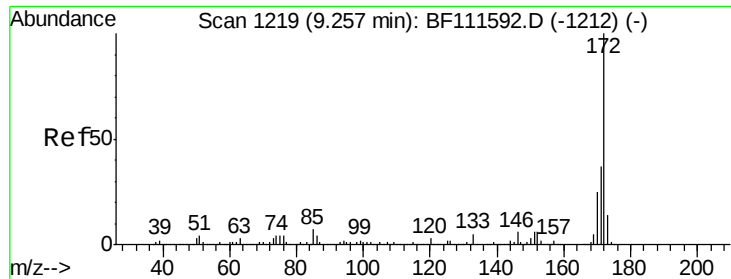
#44
 2,4,5-Trichlorophenol
 Concen: 41.839 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion:196 Resp: 469531
 Ion Ratio Lower Upper
 196 100
 198 95.4 72.9 109.3
 97 47.1 45.3 67.9
 132 27.2 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

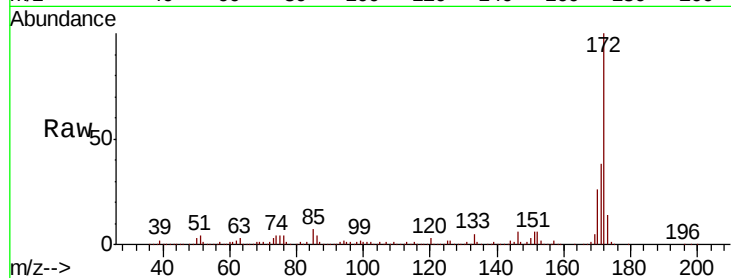




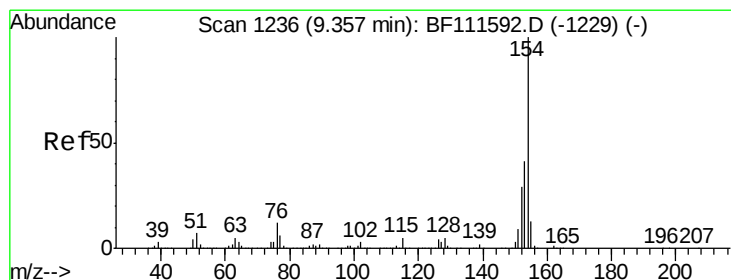
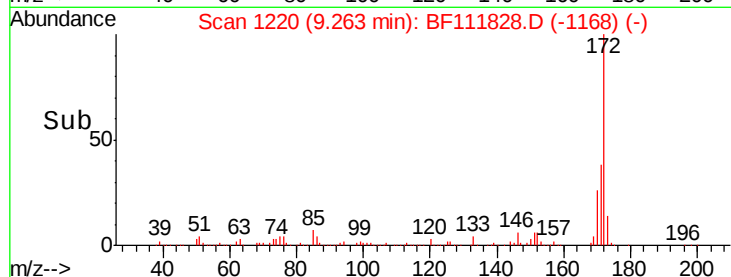
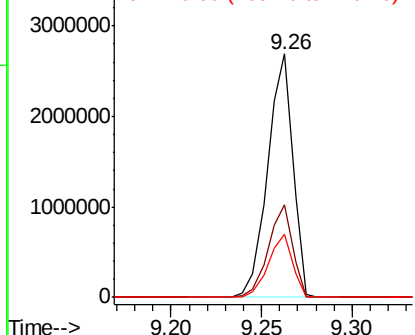
#45
 2-Fluorobiphenyl
 Concen: 75.878 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2595660
 Ion Ratio Lower Upper
 172 100
 171 38.2 33.0 49.4
 170 25.8 22.3 33.5

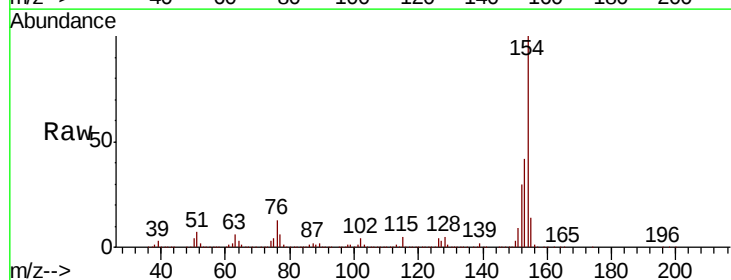


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

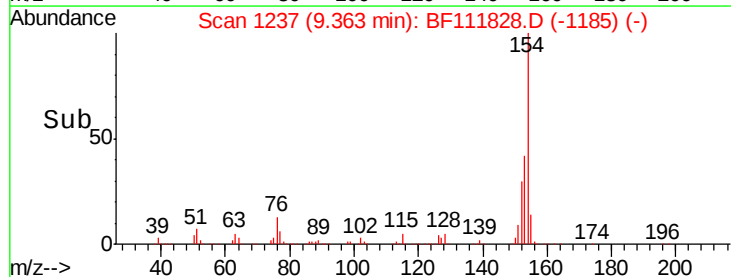
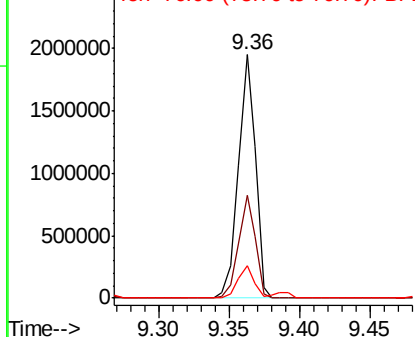


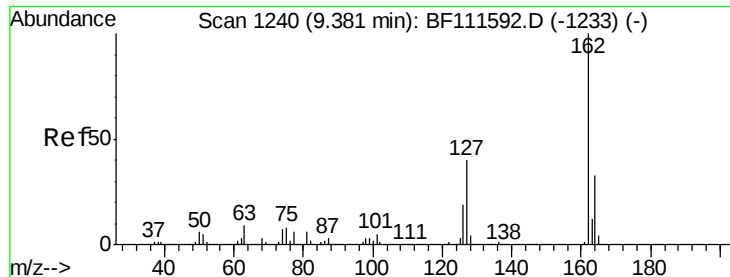
#46
 1,1'-Biphenyl
 Concen: 38.802 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion:154 Resp: 1633217
 Ion Ratio Lower Upper
 154 100
 153 42.3 23.7 63.7
 76 13.1 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

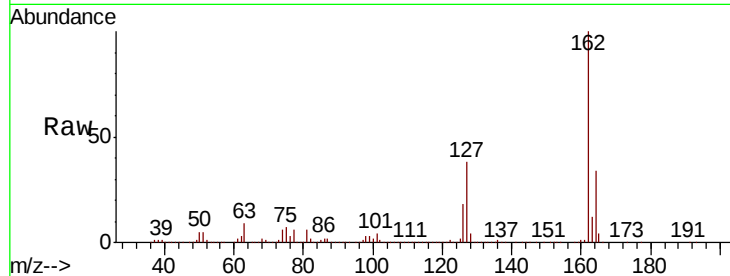




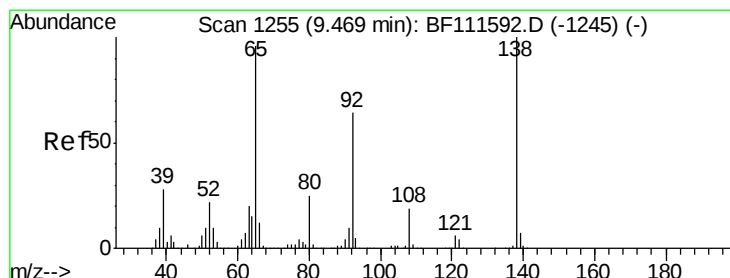
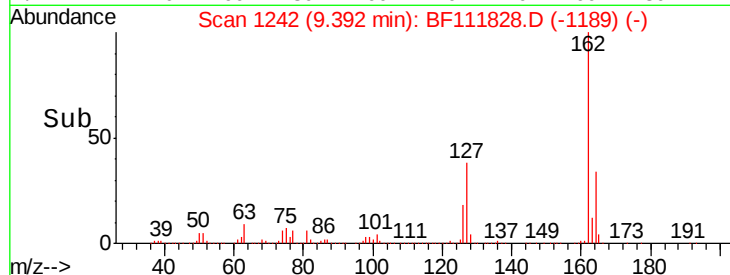
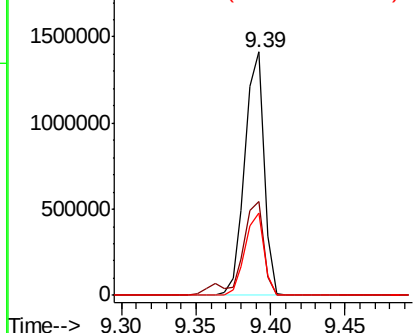
#47
2-Chloronaphthalene
Concen: 38.121 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1271258
Ion Ratio Lower Upper
162 100
127 38.3 35.0 52.4
164 33.6 28.4 42.6

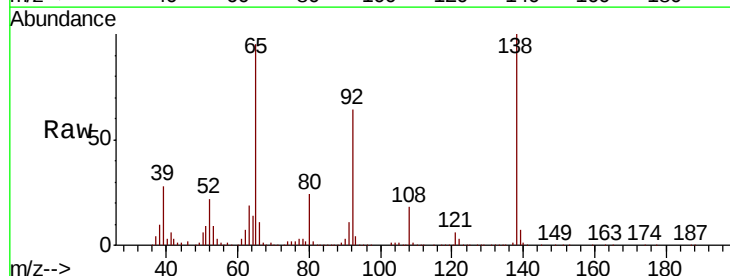


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

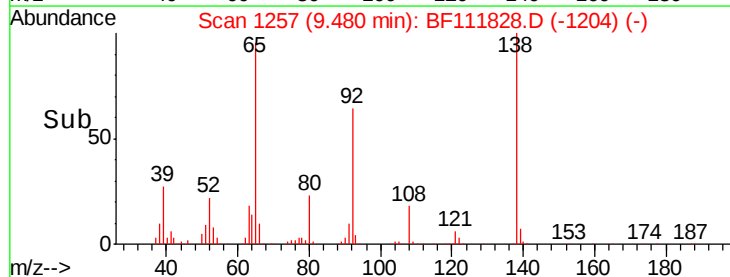
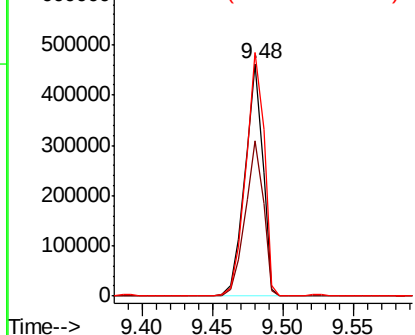


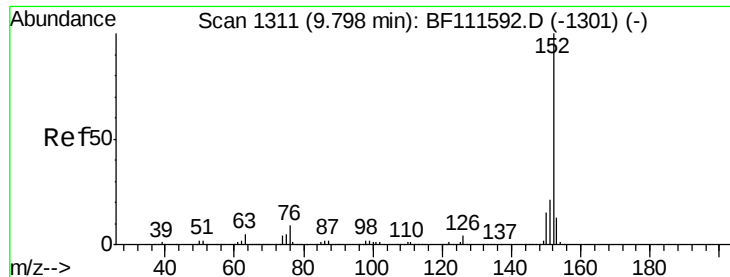
#48
2-Nitroaniline
Concen: 47.028 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion: 65 Resp: 407989
Ion Ratio Lower Upper
65 100
92 67.0 53.5 80.3
138 104.8 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: 39.983 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

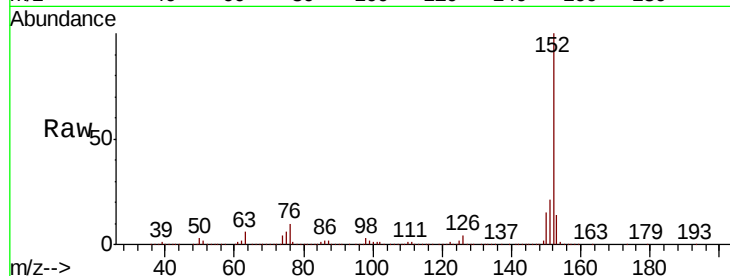
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 1946784

Ion	Ratio	Lower	Upper
152	100		
151	20.9	18.0	27.0
153	13.8	12.3	18.5

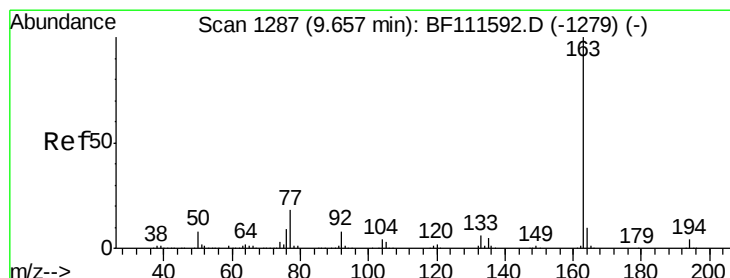
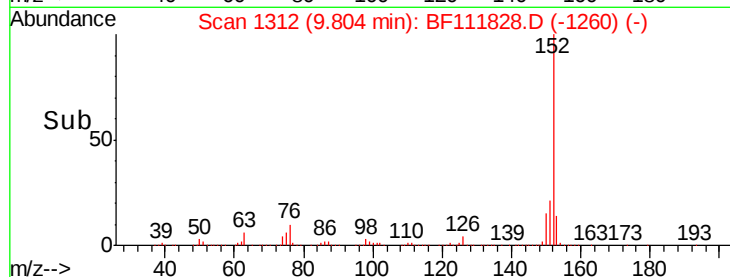
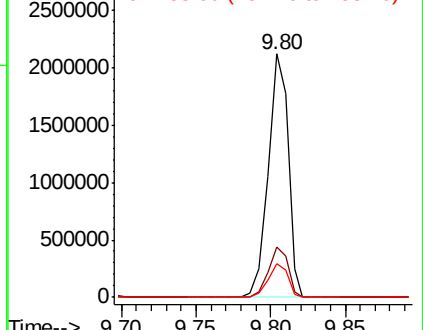


Abundance

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: 50.336 ng

RT: 9.66 min Scan# 1288

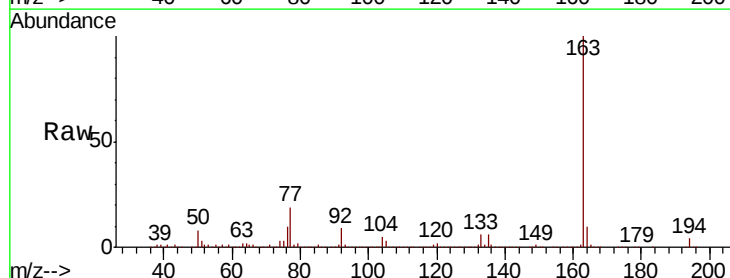
Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Tgt Ion:163 Resp: 1835364

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	10.4	8.9	13.3

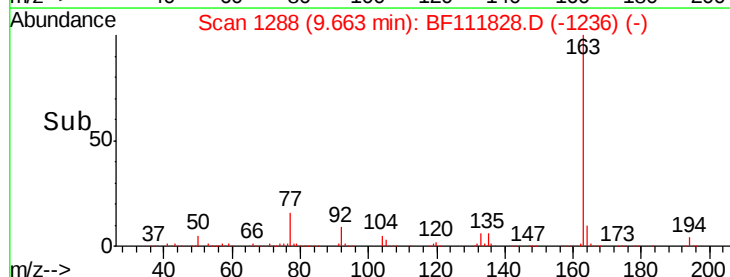
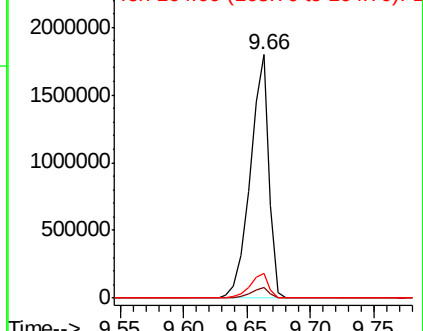


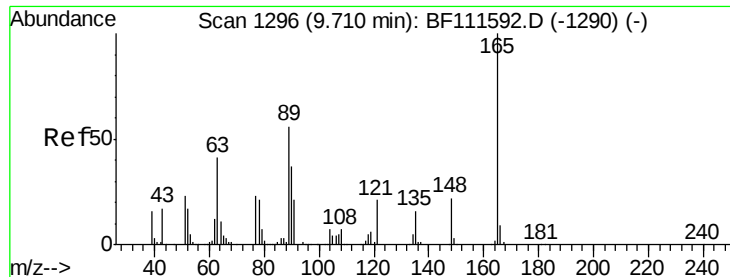
Abundance

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

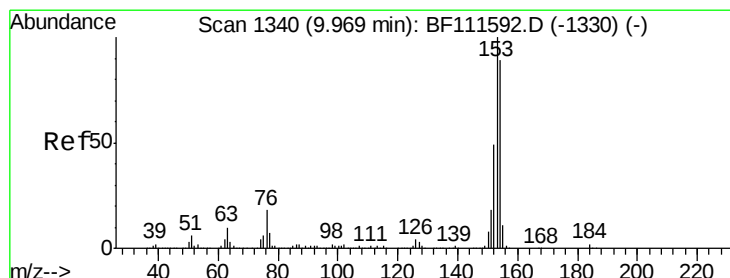
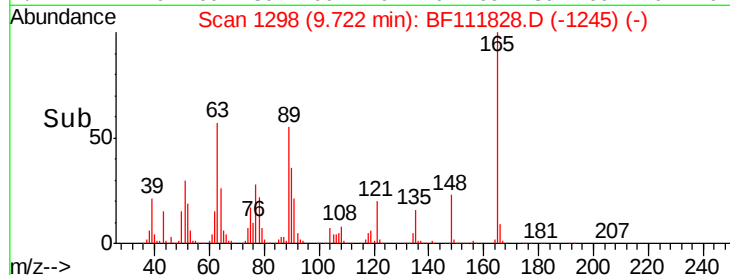
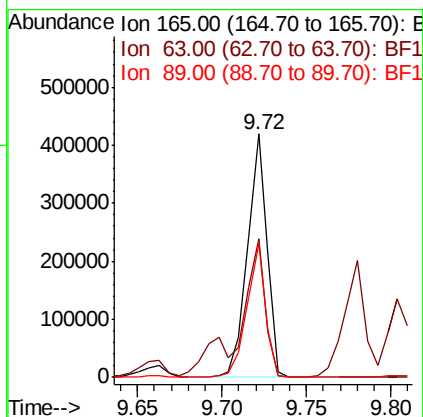
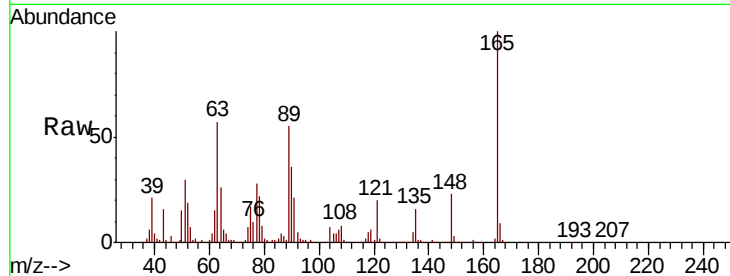




#51
 2,6-Dinitrotoluene
 Concen: 46.839 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

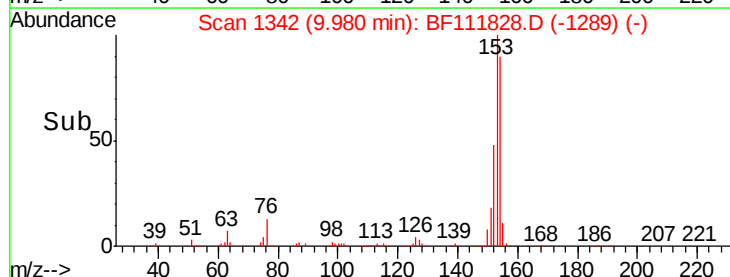
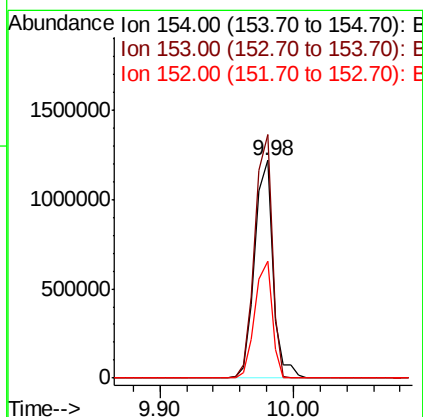
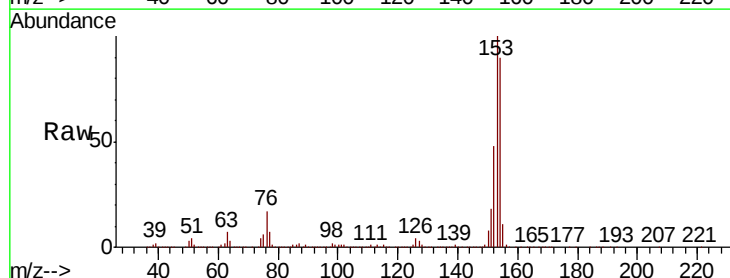
Instrument :
 BNA_F
 ClientSampleId :

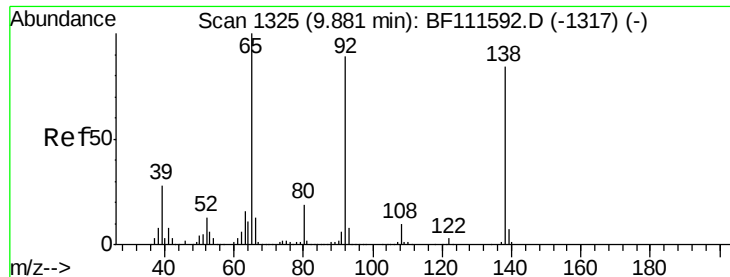
Tot Ion:165 Resp: 340541
 Ion Ratio Lower Upper
 165 100
 63 57.2 40.5 60.7
 89 54.6 40.0 60.0



#52
 Acenaphthene
 Concen: 38.237 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion:154 Resp: 1148273
 Ion Ratio Lower Upper
 154 100
 153 111.7 87.8 131.8
 152 53.5 43.4 65.2

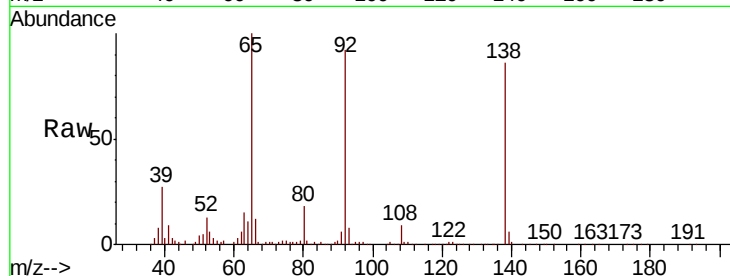




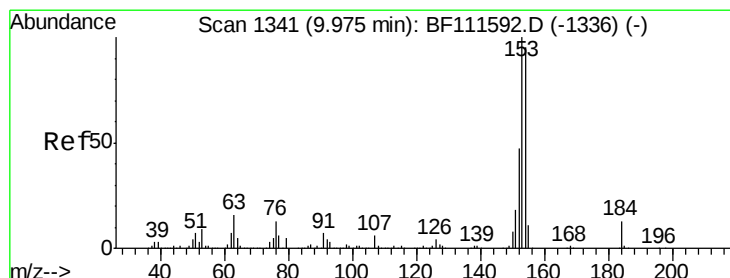
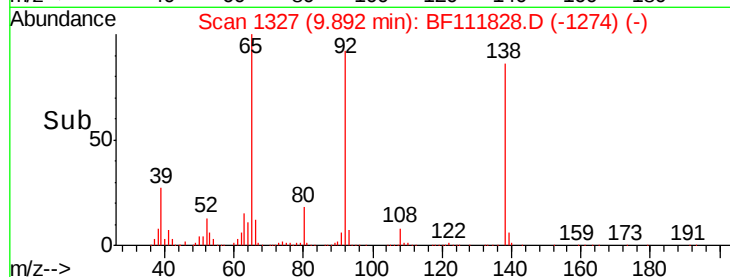
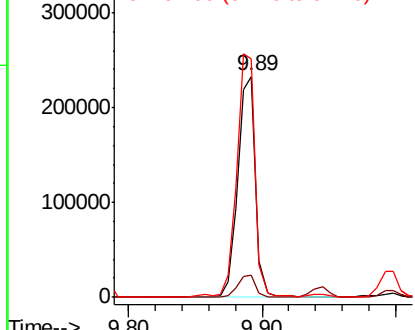
#53
3-Nitroaniline
Concen: 28.020 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 217270
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.4
92 108.0 93.4 140.2

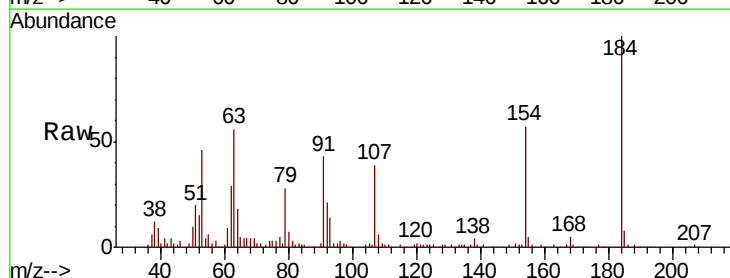


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

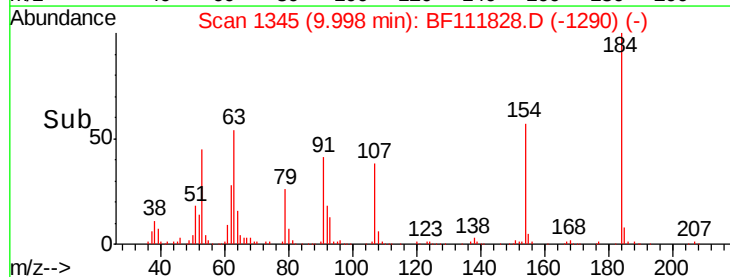
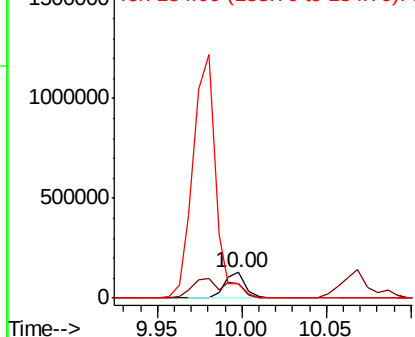


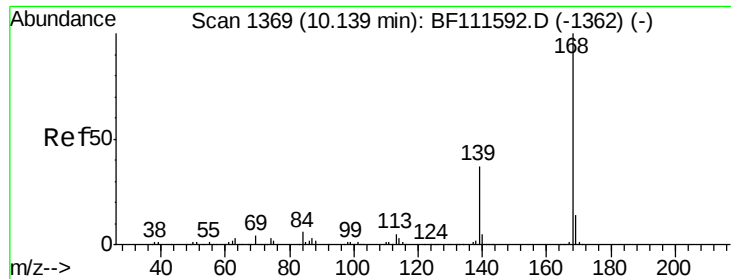
#54
2,4-Dinitrophenol
Concen: 51.073 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:184 Resp: 112383
Ion Ratio Lower Upper
184 100
63 56.5 62.3 93.5#
154 57.2 56.2 84.2



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

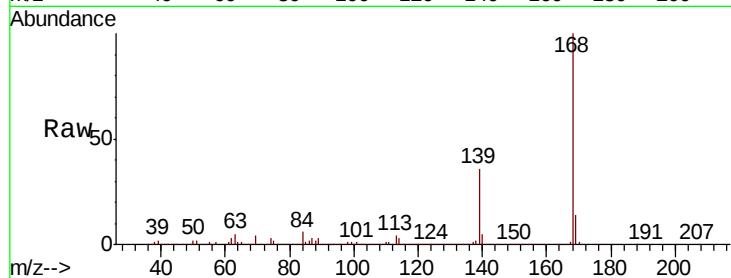




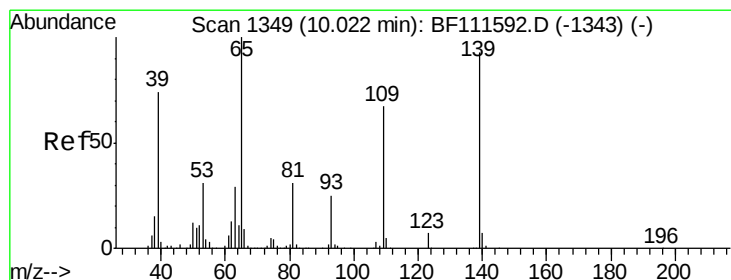
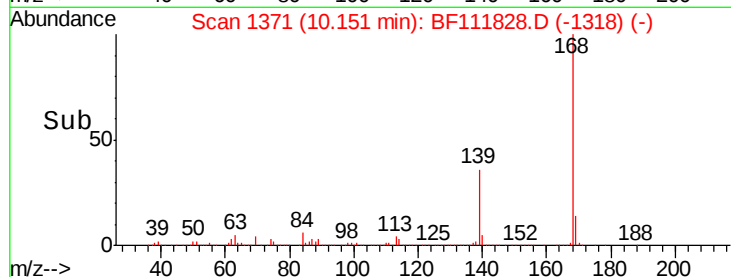
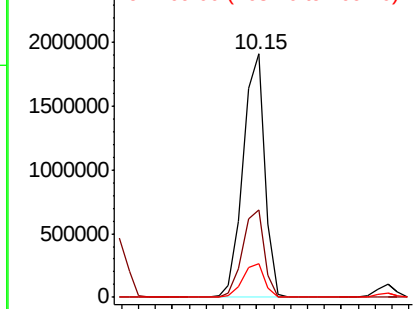
#55
Dibenzenofuran
Concen: 37.832 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1716397
Ion Ratio Lower Upper
168 100
139 36.2 32.6 49.0
169 13.9 11.8 17.6

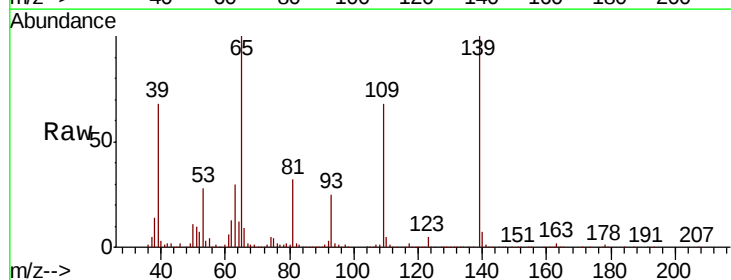


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

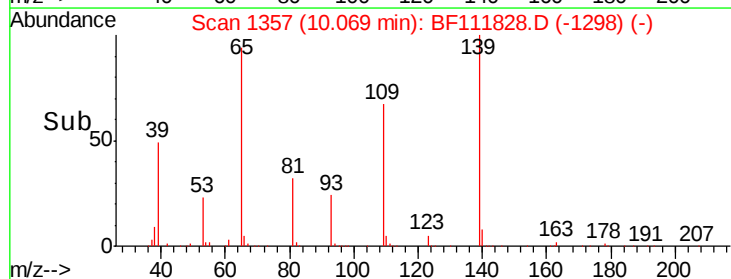
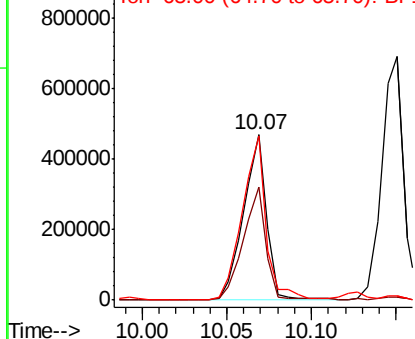


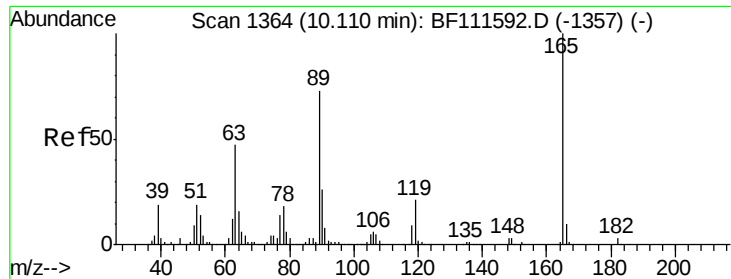
#56
4-Nitrophenol
Concen: 75.713 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:139 Resp: 448031
Ion Ratio Lower Upper
139 100
109 68.1 41.8 81.8
65 99.8 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

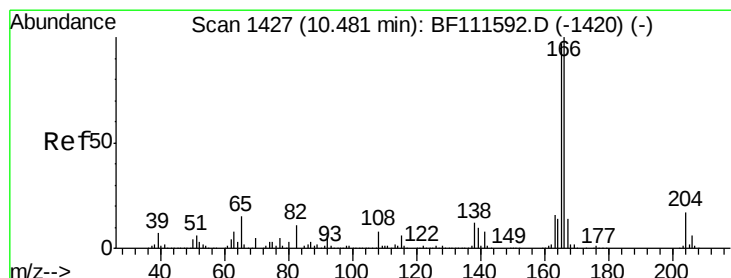
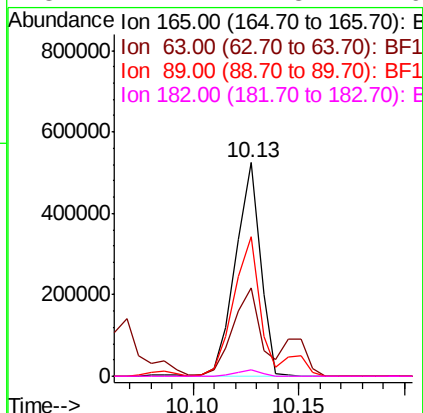
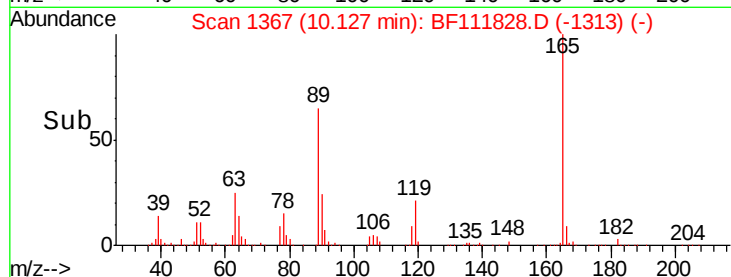
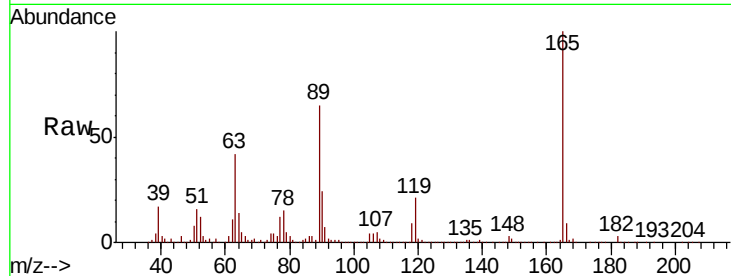




#57
2,4-Dinitrotoluene
Concen: 48.935 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

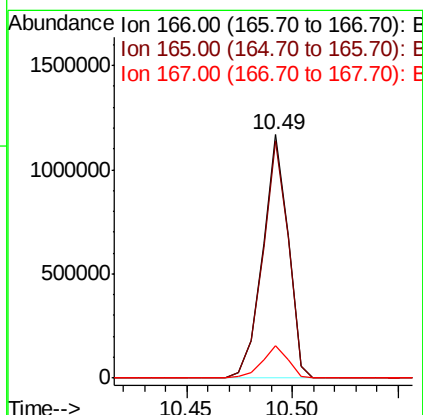
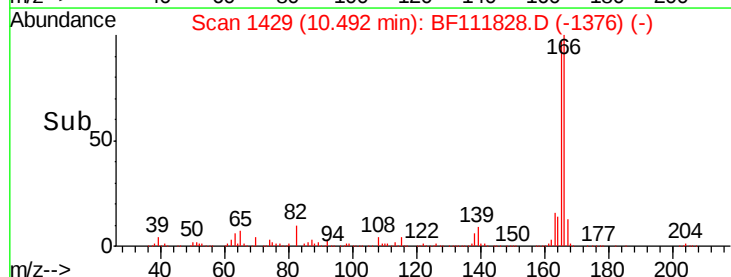
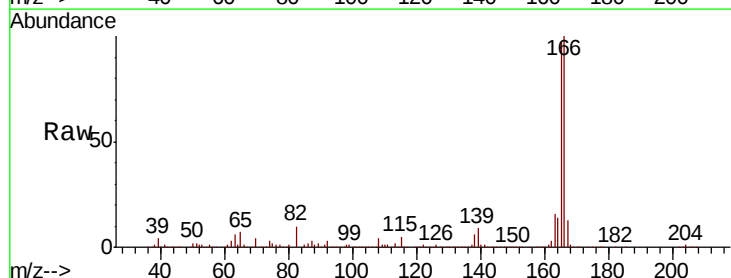
Instrument :
BNA_F
ClientSampleId :

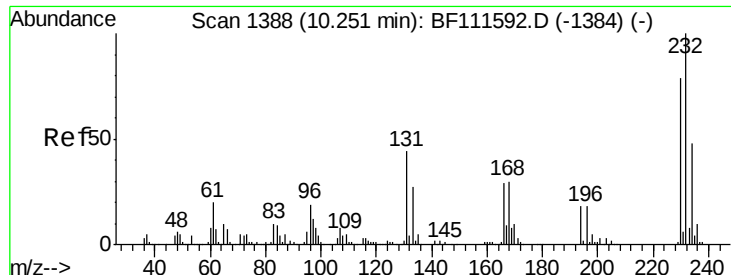
Tot Ion:165 Resp: 427608
Ion Ratio Lower Upper
165 100
63 41.5 34.6 52.0
89 65.4 56.2 84.4
182 2.7 1.8 2.6#



#58
Fluorene
Concen: 29.876 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:166 Resp: 976710
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.3 11.2 16.8

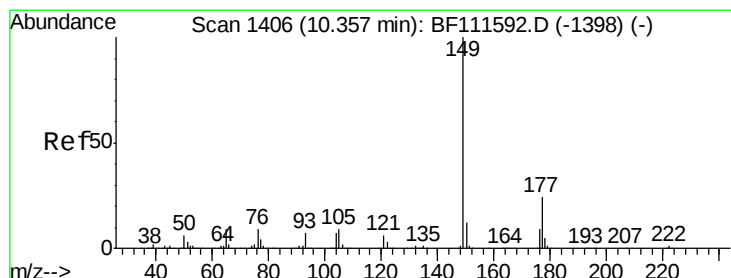
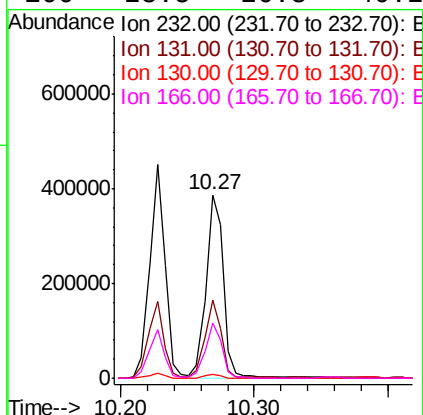
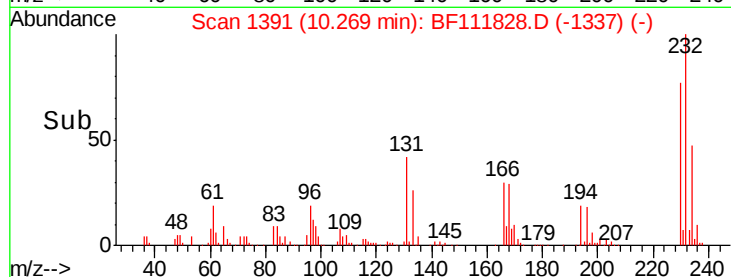
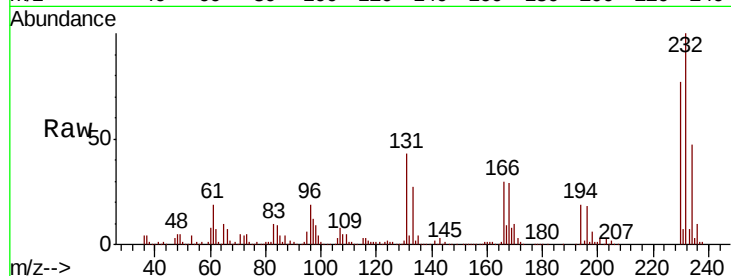




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.896 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

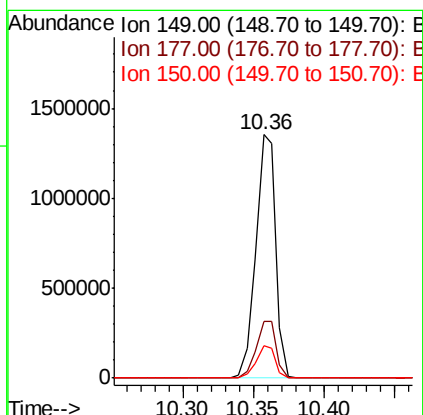
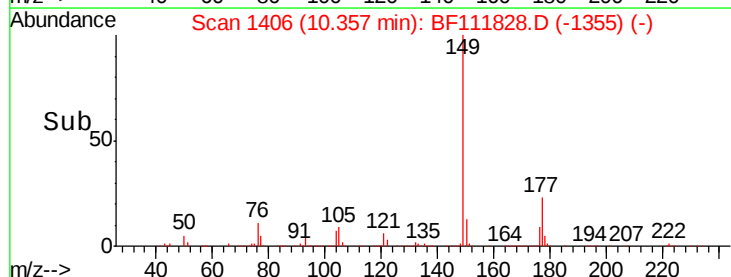
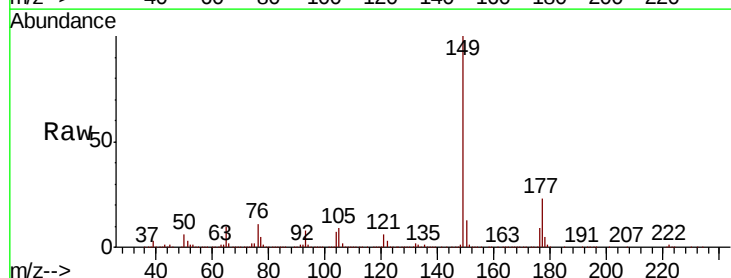
Instrument :
BNA_F
ClientSampleId :

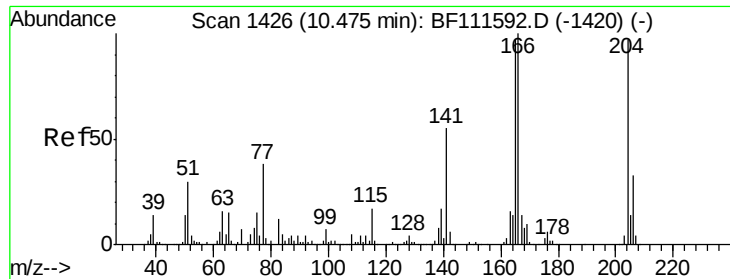
Tot Ion:232 Resp: 348454
Ion Ratio Lower Upper
232 100
131 40.0 40.9 61.3#
130 2.5 2.0 3.0
166 28.5 26.8 40.2



#60
Diethylphthalate
Concen: 37.551 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:149 Resp: 1343096
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 13.2 10.6 15.8

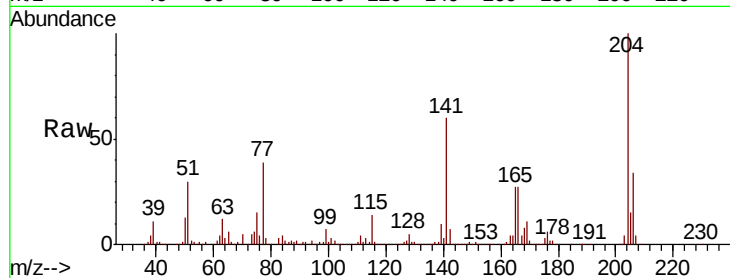




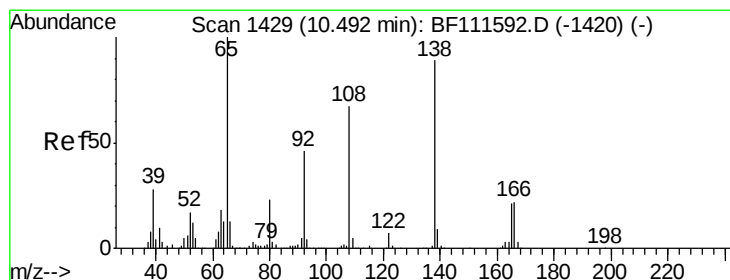
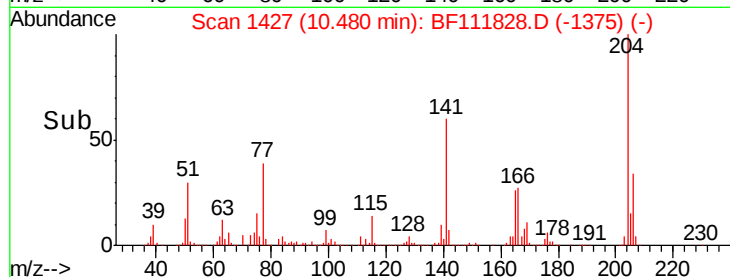
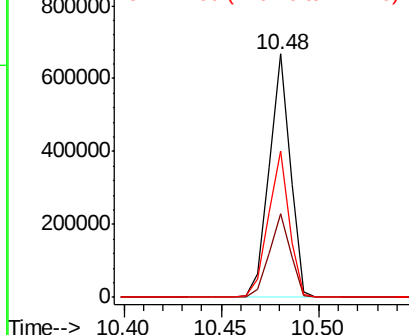
#61
4-Chlorophenyl-phenylether
Concen: 27.784 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 501844
Ion Ratio Lower Upper
204 100
206 34.3 26.6 39.8
141 60.1 52.6 78.8

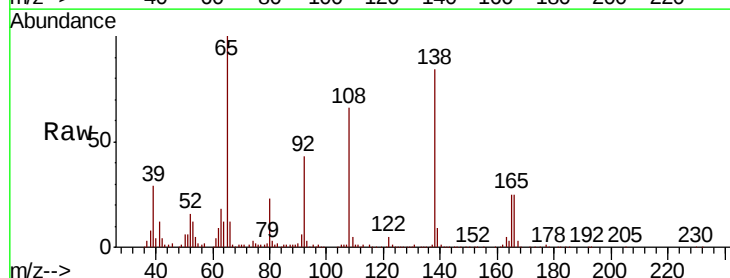


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

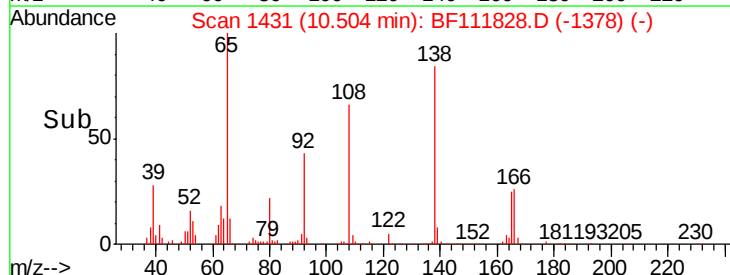
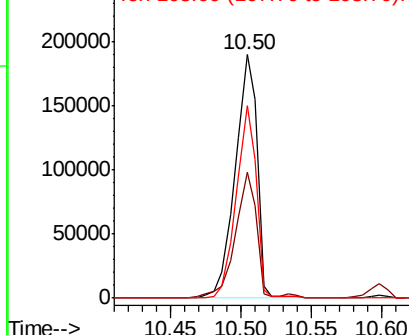


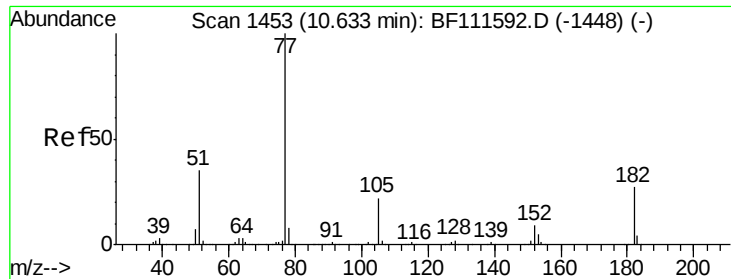
#62
4-Nitroaniline
Concen: 27.225 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:138 Resp: 205172
Ion Ratio Lower Upper
138 100
92 51.6 29.9 69.9
108 78.8 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

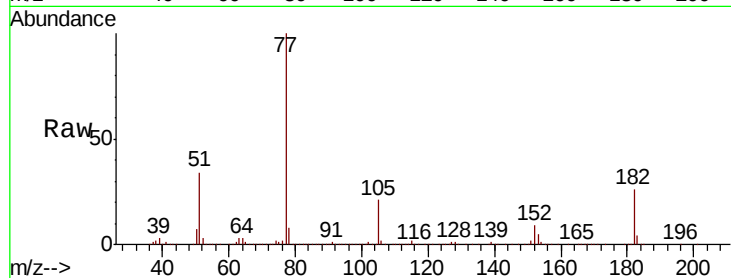




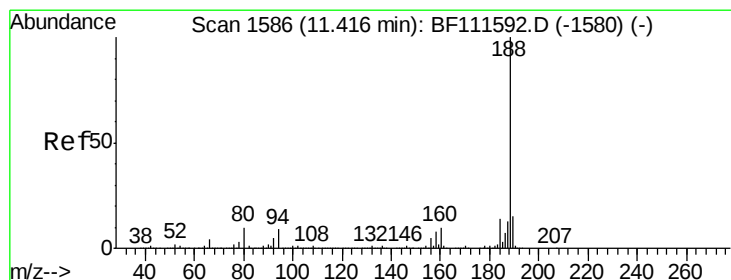
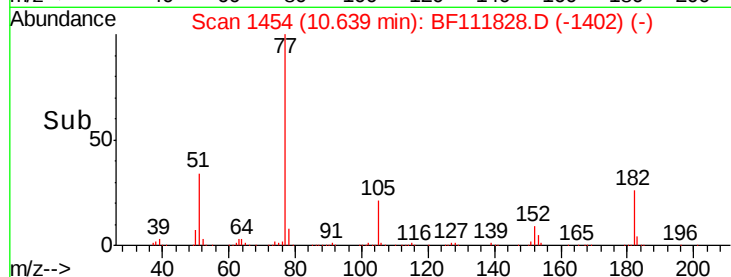
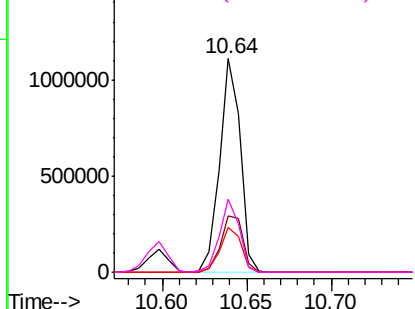
#63
Azobenzene
Concen: 26.347 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 946042
Ion Ratio Lower Upper
77 100
182 26.2 4.9 44.9
105 21.3 6.0 46.0
51 34.4 14.7 54.7

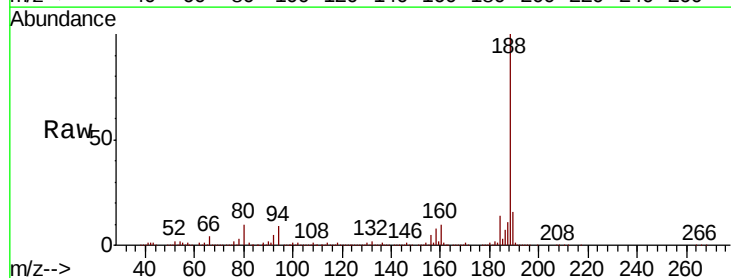


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

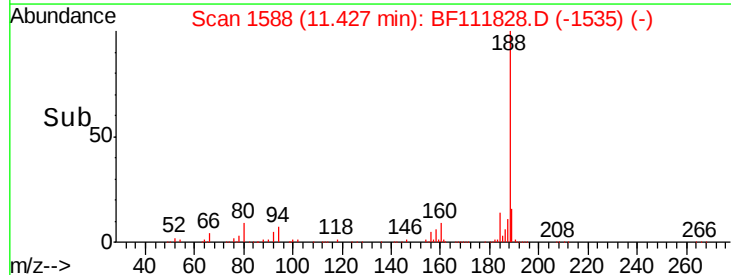
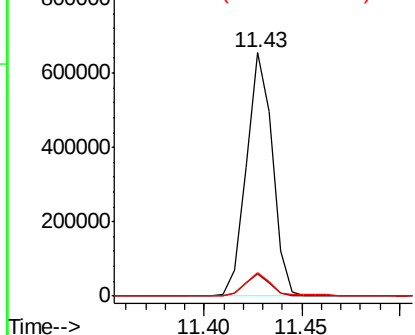


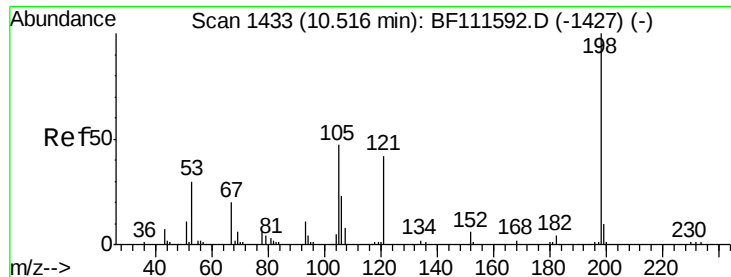
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion: 188 Resp: 603755
Ion Ratio Lower Upper
188 100
94 9.0 9.6 14.4#
80 9.6 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

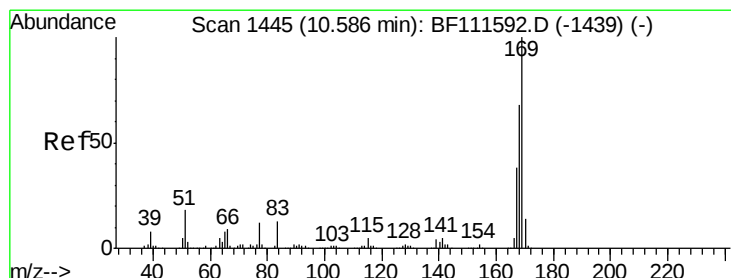
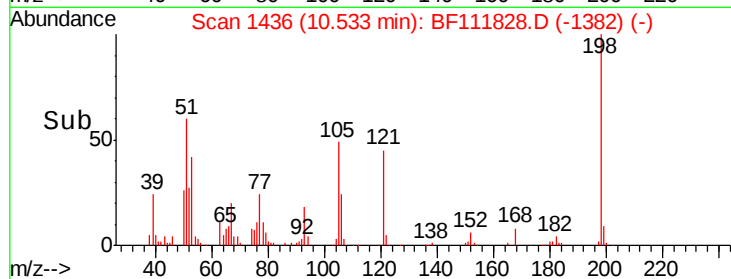
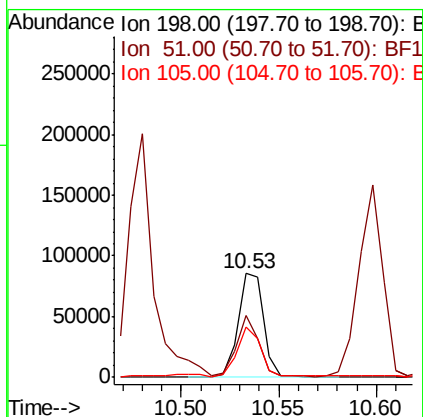
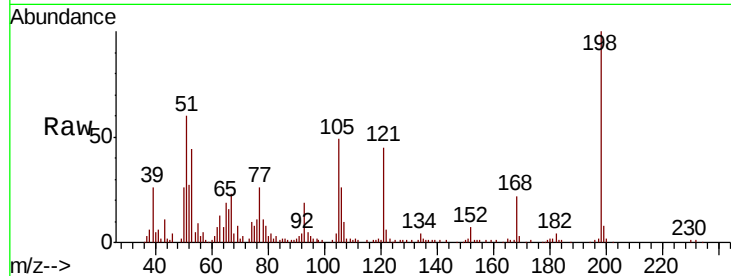




#65
4,6-Dinitro-2-methylphenol
Concen: 33.410 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

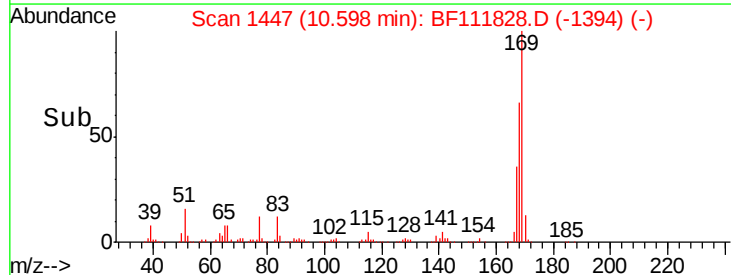
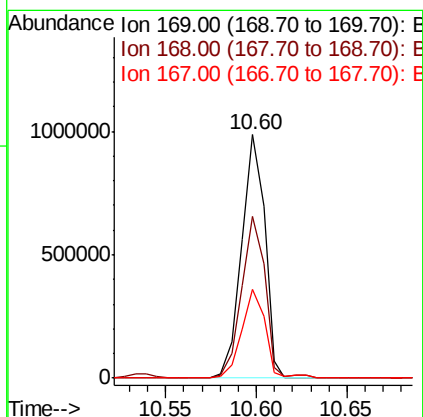
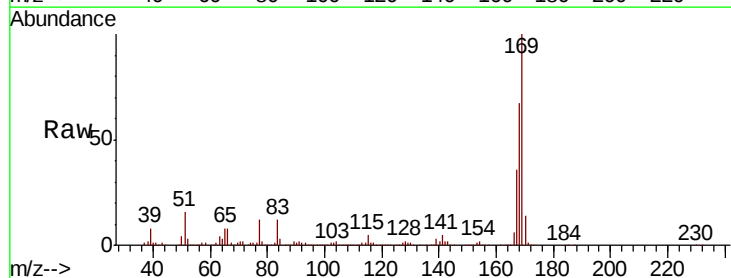
Instrument :
BNA_F
ClientSampled :

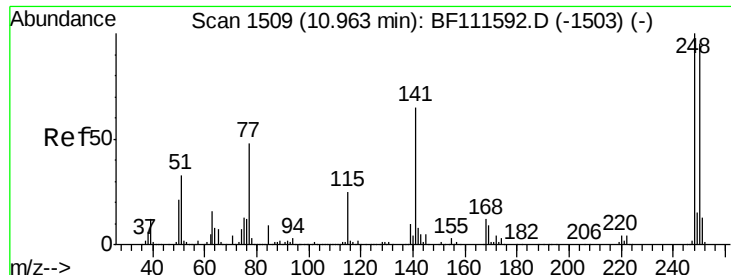
Tot Ion:198 Resp: 77467
Ion Ratio Lower Upper
198 100
51 59.7 48.0 88.0
105 49.0 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 43.397 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:169 Resp: 879514
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 36.4 30.5 45.7

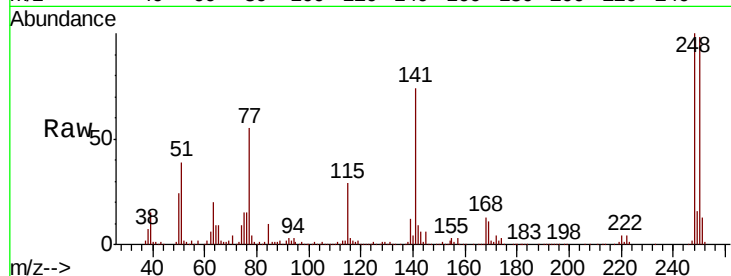




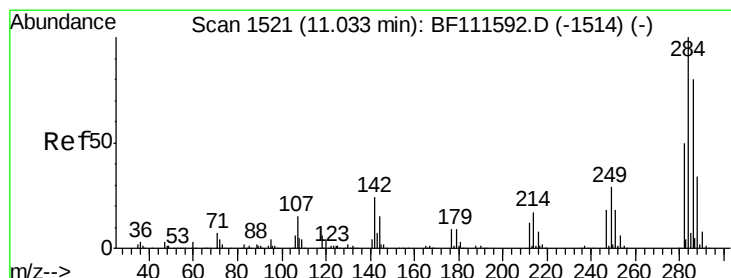
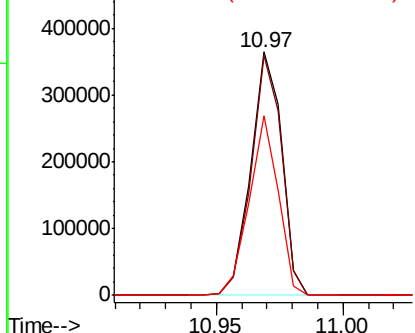
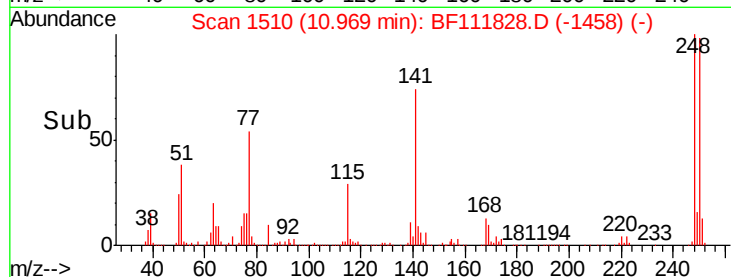
#67
 4-Bromophenyl-phenylether
 Concen: 41.627 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 311726
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.0 115.4
 141 73.8 63.0 94.6

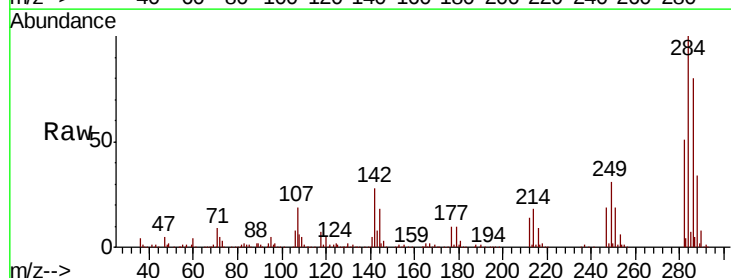


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

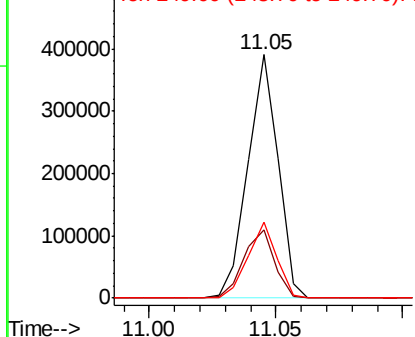
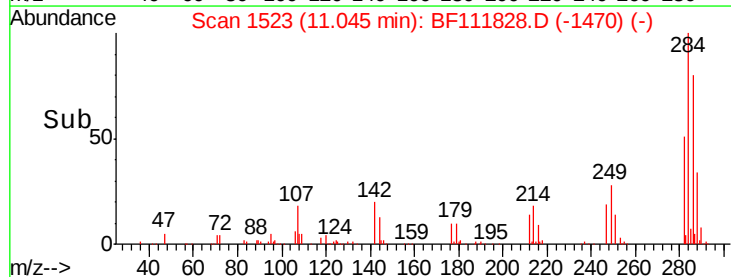


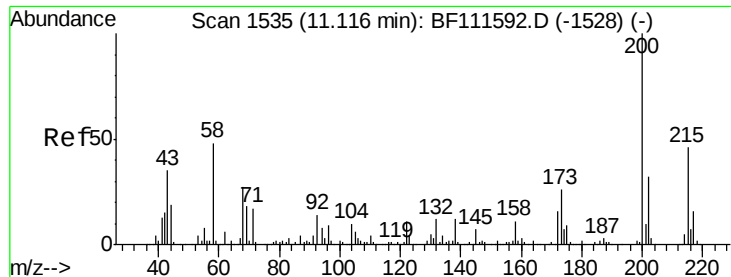
#68
 Hexachlorobenzene
 Concen: 38.835 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion:284 Resp: 324251
 Ion Ratio Lower Upper
 284 100
 142 28.2 27.4 41.2
 249 31.1 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: 41.744 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

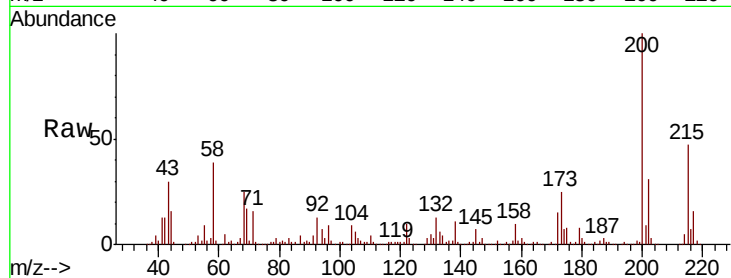
Tot Ion:200 Resp: 293913

Ion Ratio Lower Upper

200 100

173 25.4 10.1 50.1

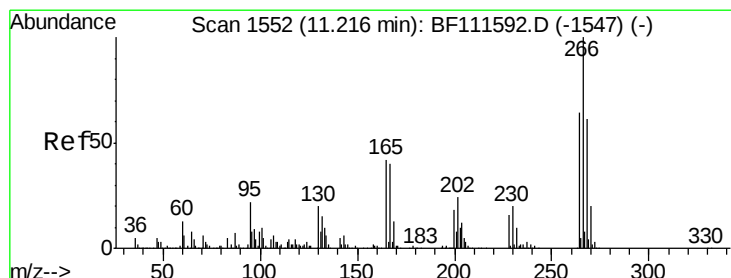
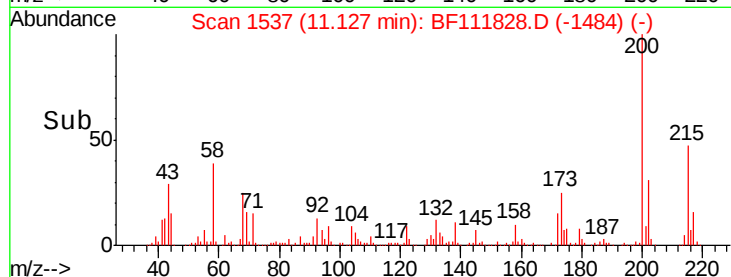
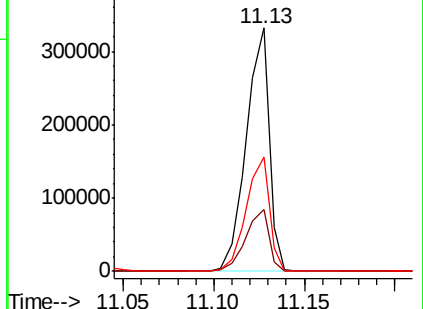
215 46.8 26.9 66.9



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: 58.483 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

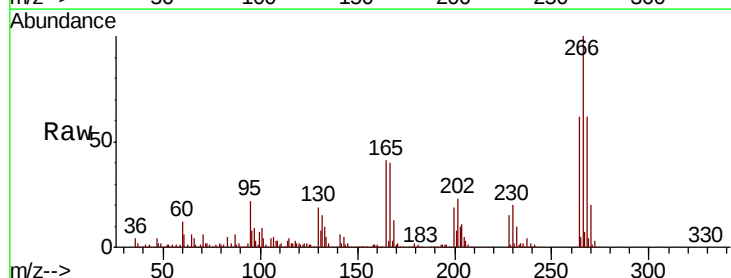
Tgt Ion:266 Resp: 301878

Ion Ratio Lower Upper

266 100

268 62.0 47.9 71.9

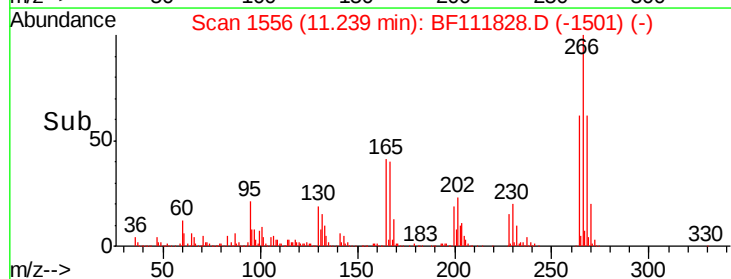
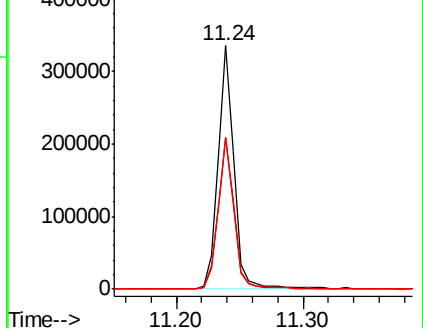
264 62.0 49.1 73.7

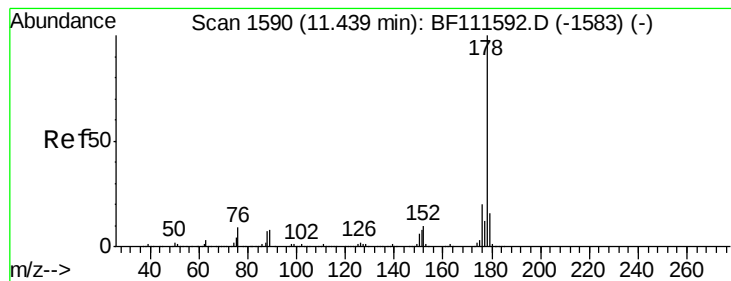


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.940 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

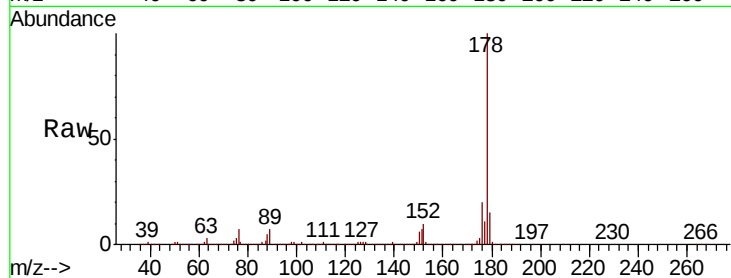
Tot Ion:178 Resp: 1278854

Ion Ratio Lower Upper

178 100

176 19.6 18.1 27.1

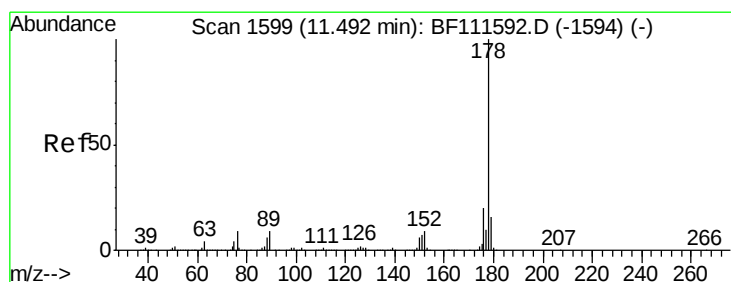
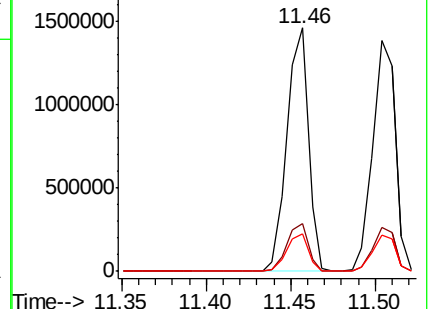
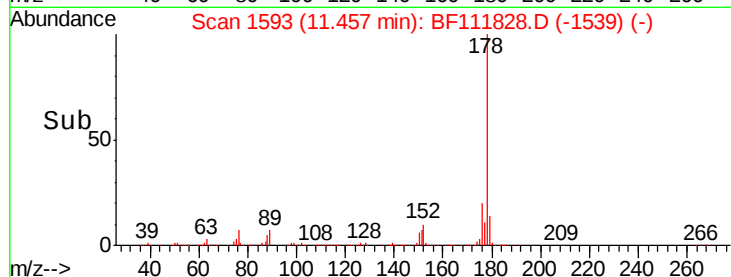
179 15.3 14.0 21.0



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: 40.322 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

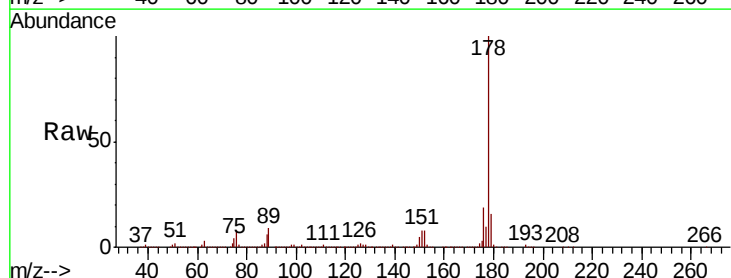
Tgt Ion:178 Resp: 1295908

Ion Ratio Lower Upper

178 100

176 19.0 17.2 25.8

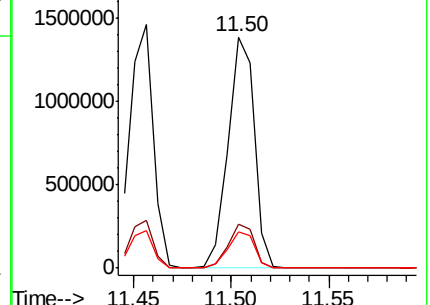
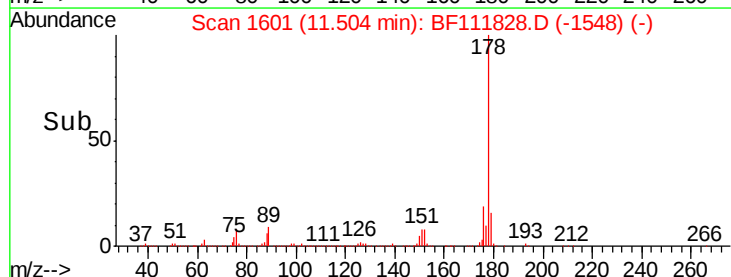
179 15.8 13.8 20.8

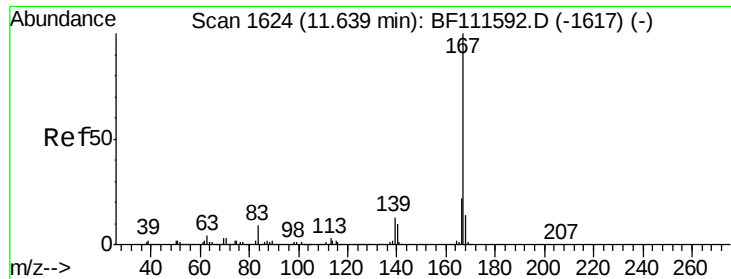


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

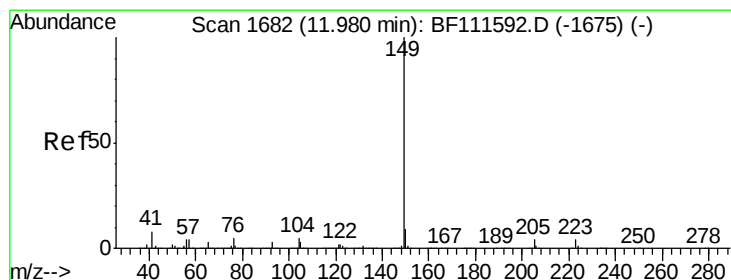
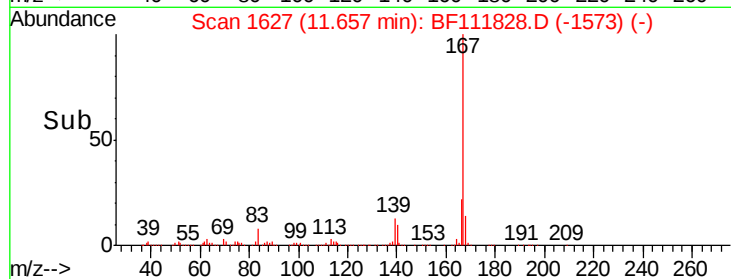
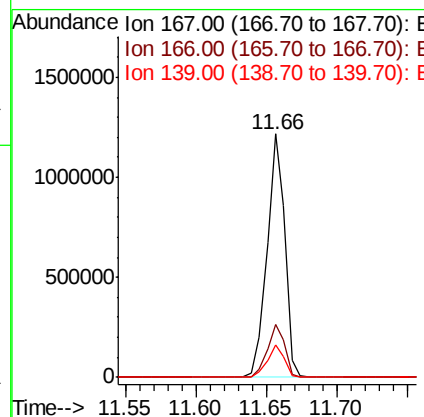
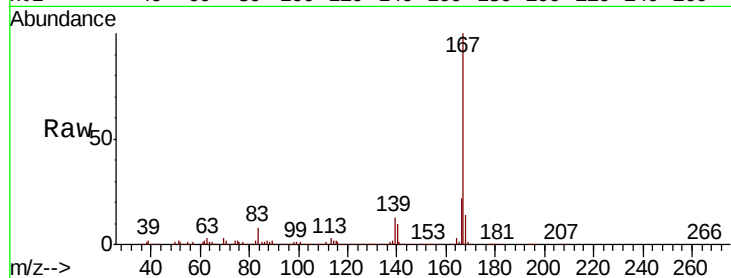




#73
 Carbazole
 Concen: 34.725 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

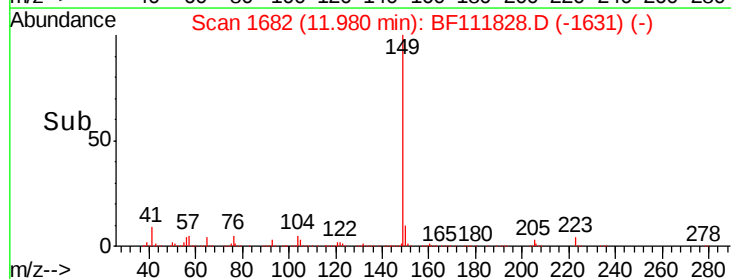
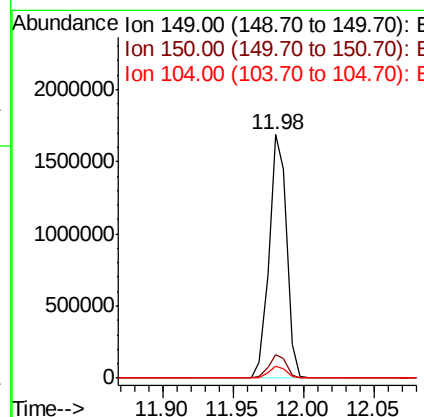
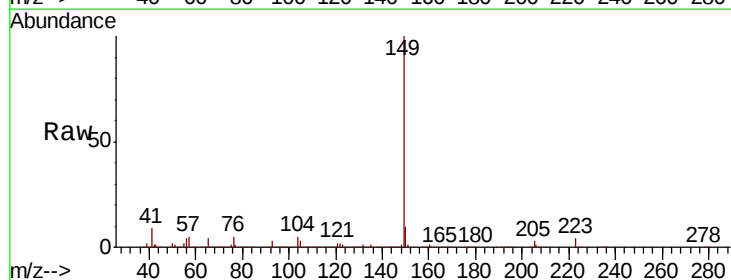
Instrument :
 BNA_F
 ClientSampleId :

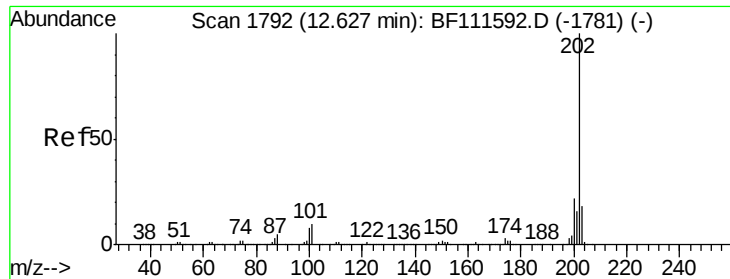
Tot Ion:167 Resp: 1083531
 Ion Ratio Lower Upper
 167 100
 166 21.8 19.3 28.9
 139 13.1 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 42.387 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion:149 Resp: 1482904
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.8 13.2
 104 5.1 4.5 6.7





#75

Fluoranthene

Concen: 40.851 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

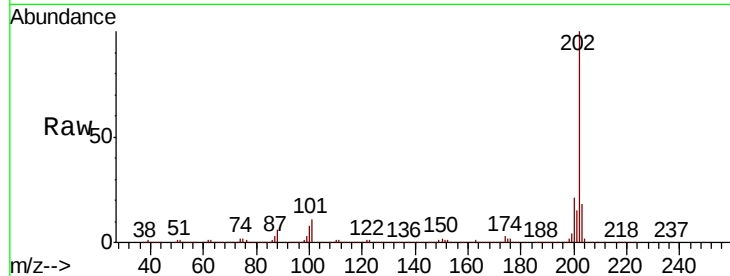
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1324572

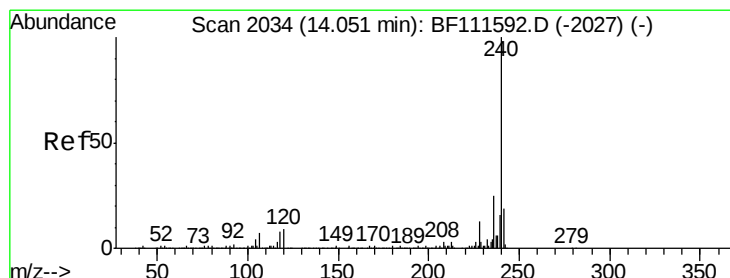
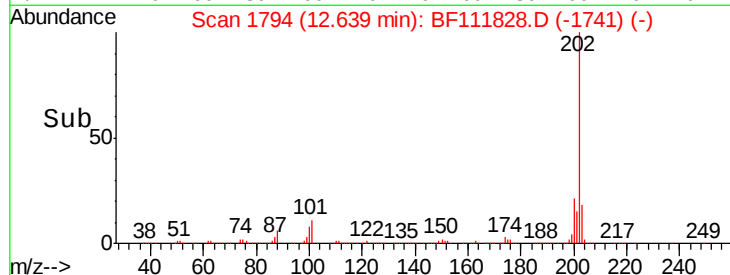
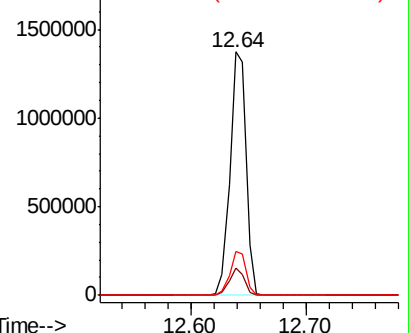
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.8
203	18.1	0.0	38.6



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# 2037

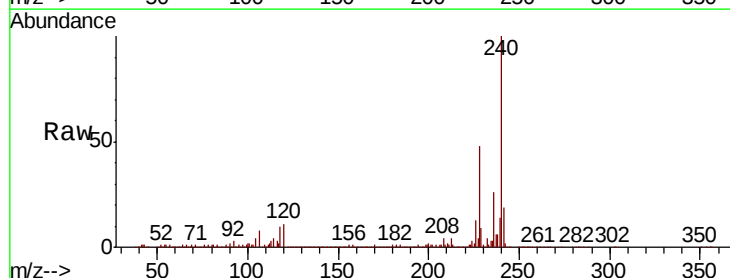
Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Tgt Ion:240 Resp: 541377

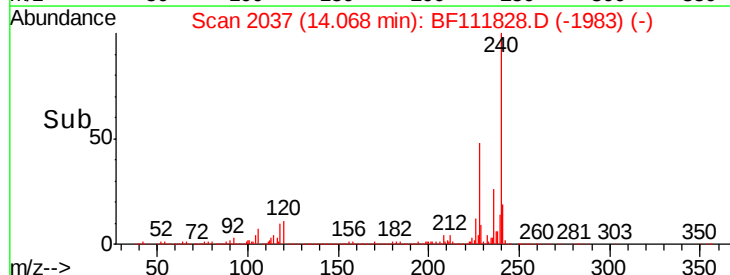
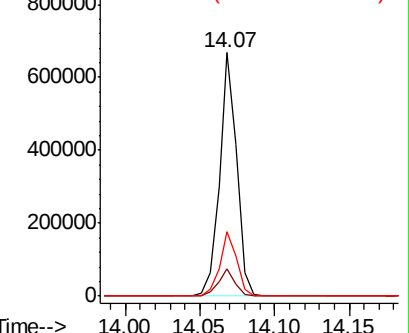
Ion	Ratio	Lower	Upper
240	100		
120	11.2	12.2	18.2#
236	26.3	20.2	30.2

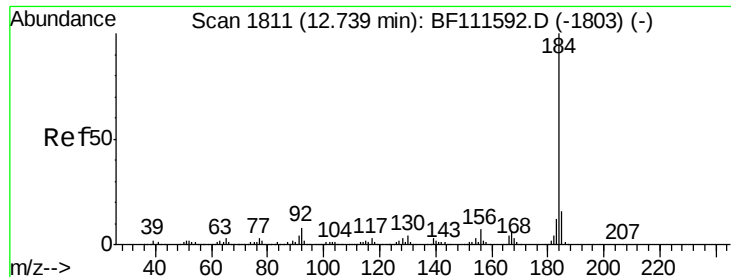


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.887 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

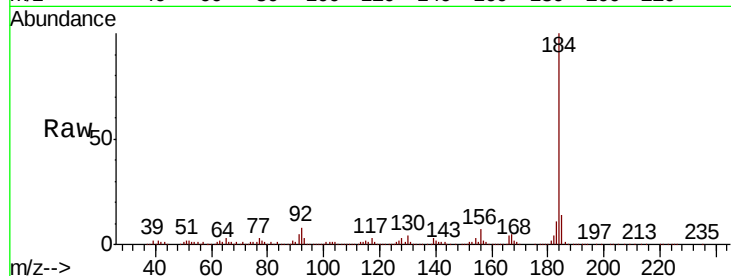
Tot Ion:184 Resp: 588478

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.6

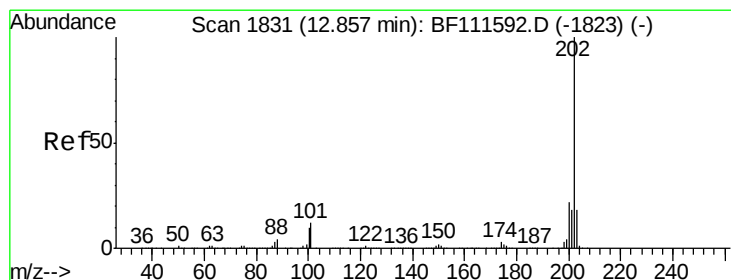
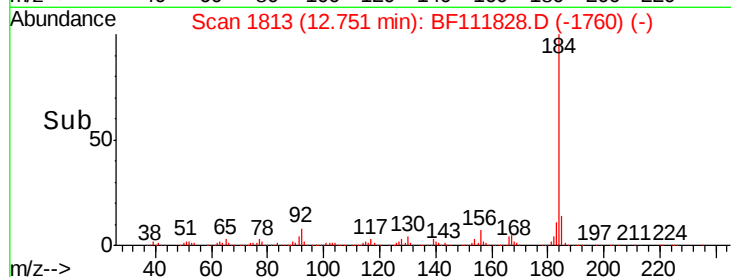
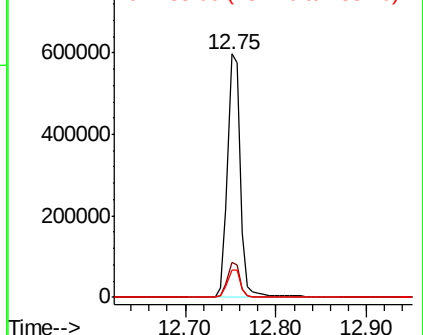
183 11.2 9.3 13.9



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: 33.361 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

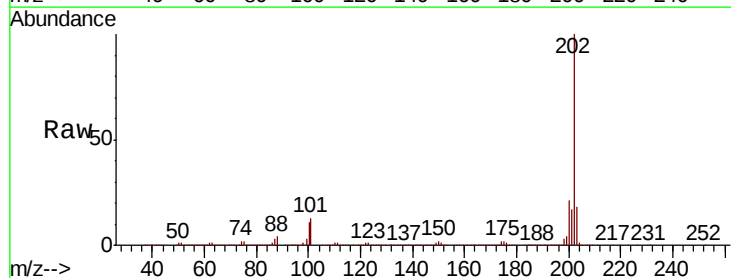
Tgt Ion:202 Resp: 1275405

Ion Ratio Lower Upper

202 100

200 21.3 19.0 28.4

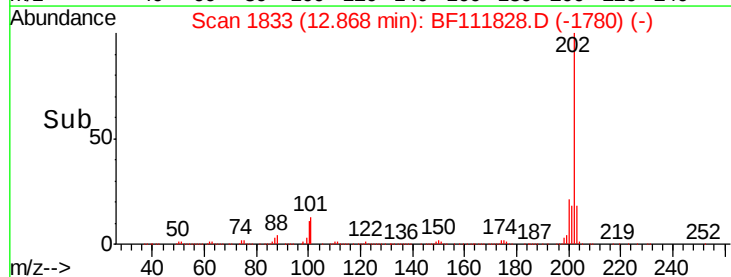
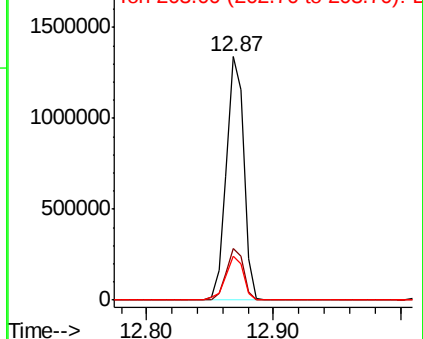
203 18.1 15.2 22.8

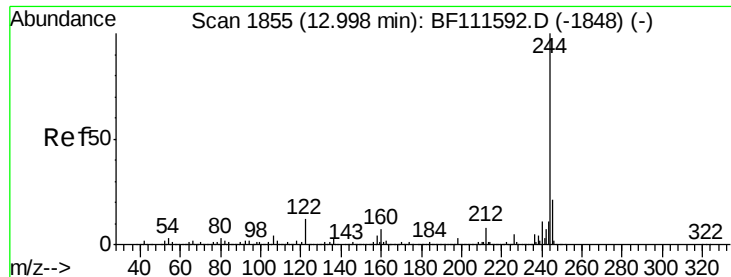


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.031 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

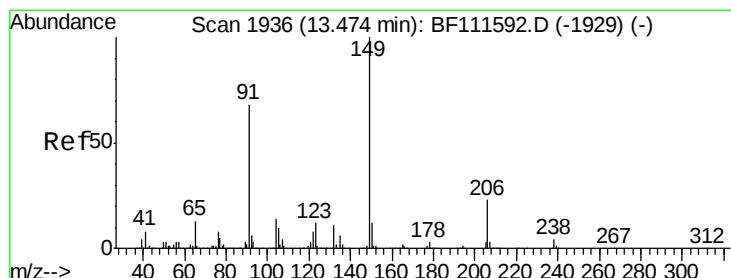
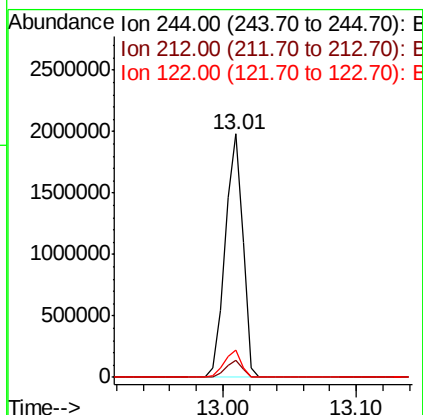
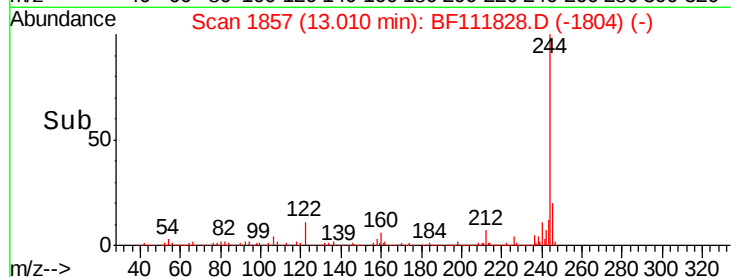
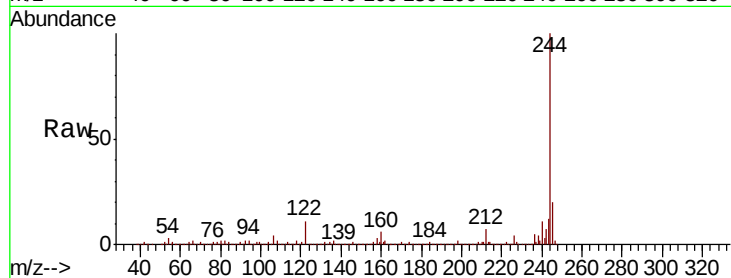
Tot Ion:244 Resp: 1856451

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.0 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 38.345 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

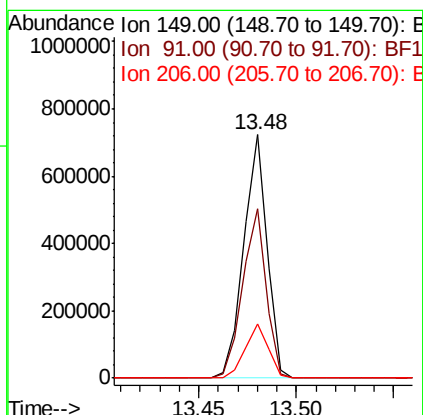
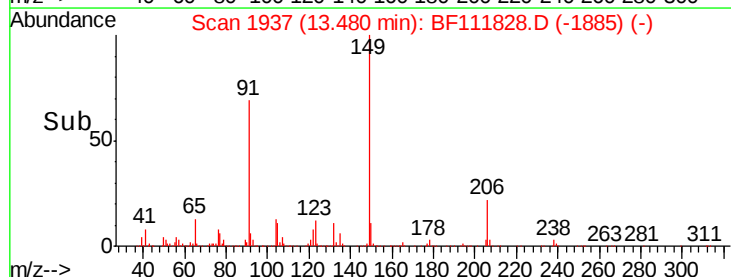
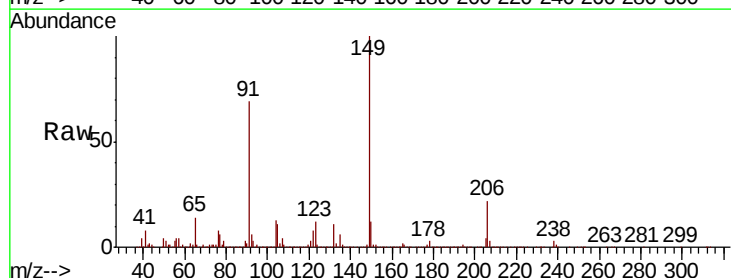
Tgt Ion:149 Resp: 597561

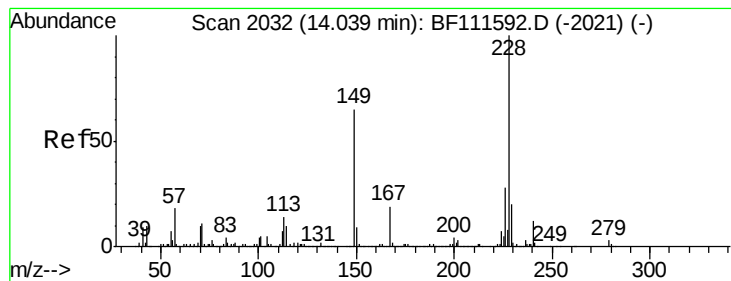
Ion Ratio Lower Upper

149 100

91 69.4 63.8 95.6

206 22.5 15.1 22.7





#81

Benzo(a)anthracene

Concen: 41.466 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

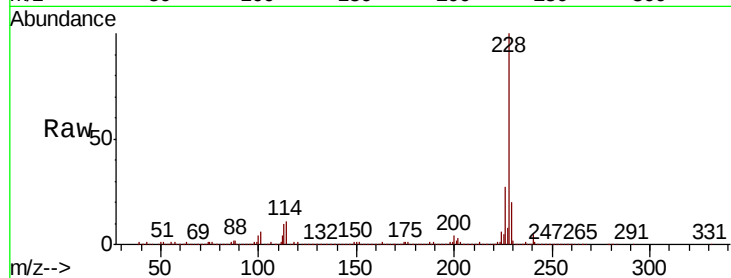
Tot Ion:228 Resp: 1281145

Ion Ratio Lower Upper

228 100

226 27.4 22.6 34.0

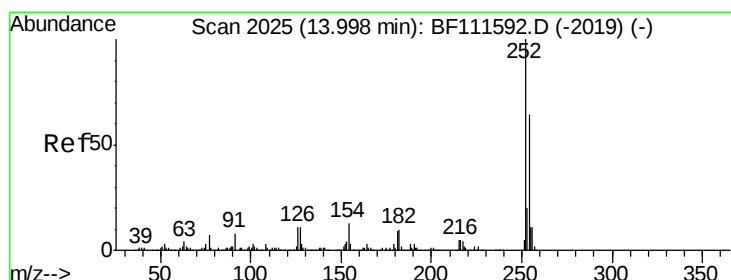
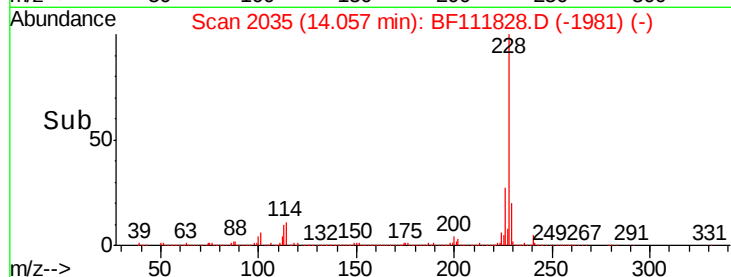
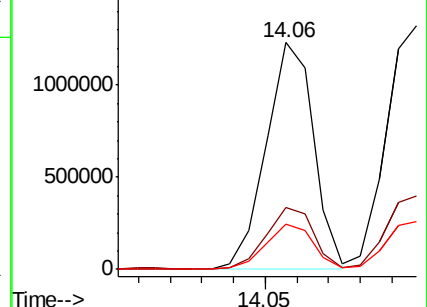
229 20.1 16.3 24.5



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: 34.950 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

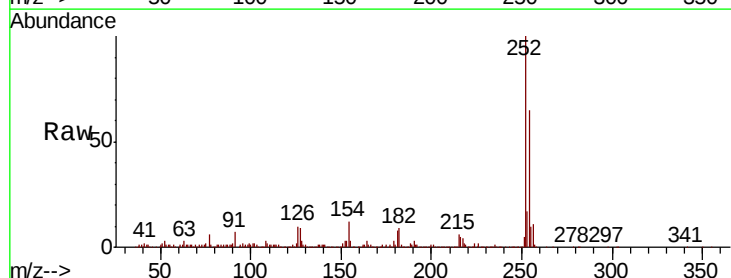
Tgt Ion:252 Resp: 426644

Ion Ratio Lower Upper

252 100

254 65.3 52.7 79.1

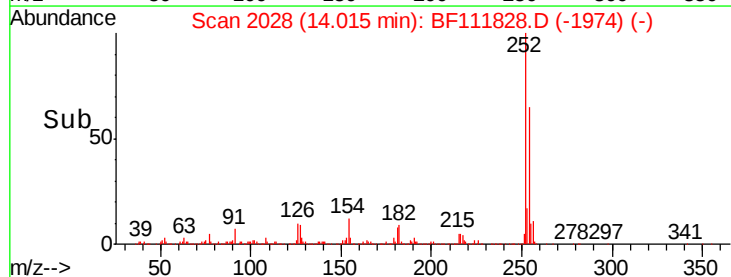
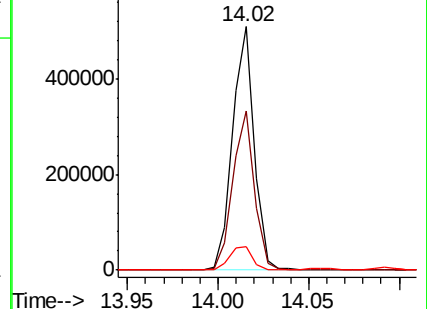
126 9.9 11.1 16.7#

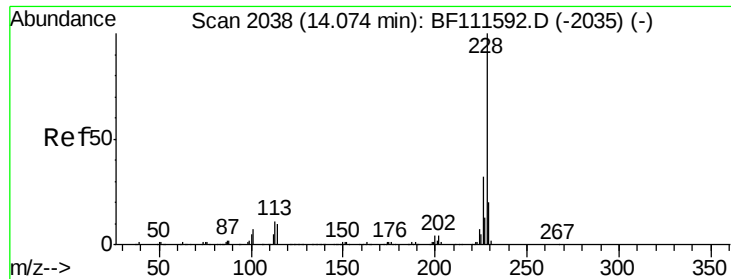


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

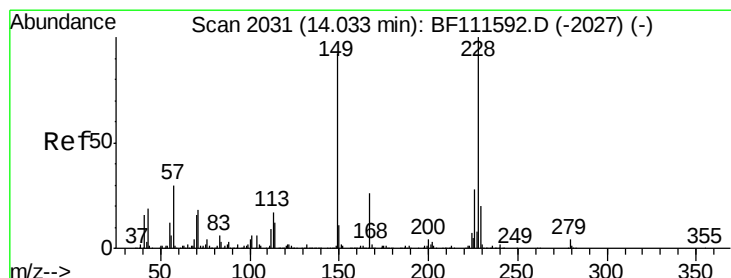
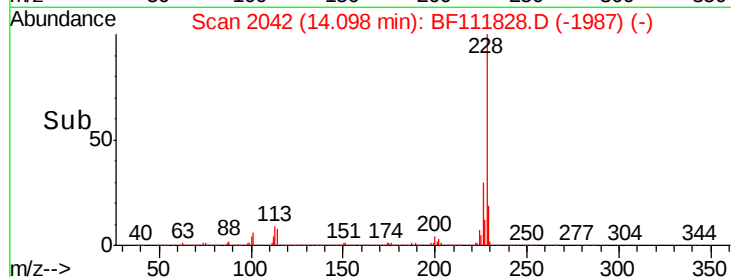
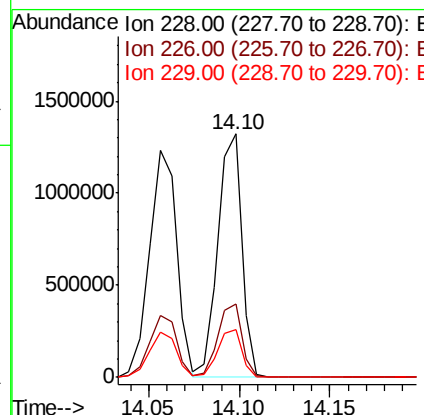
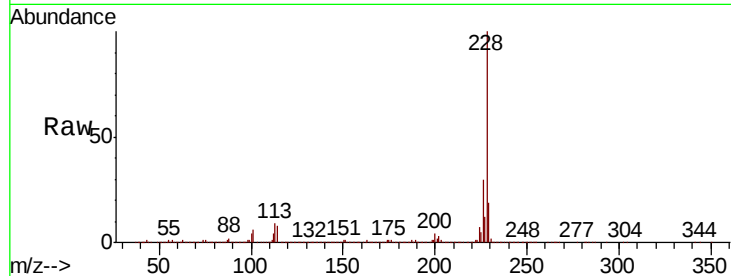




#83
 Chrvsene
 Concen: 39.967 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

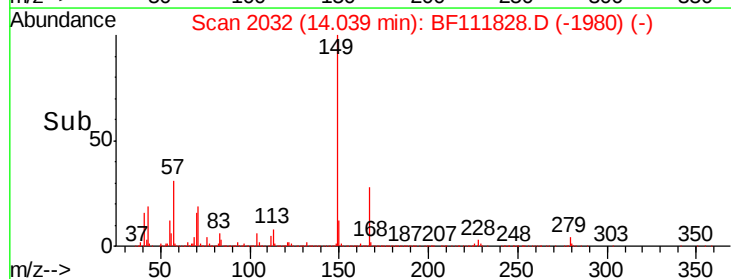
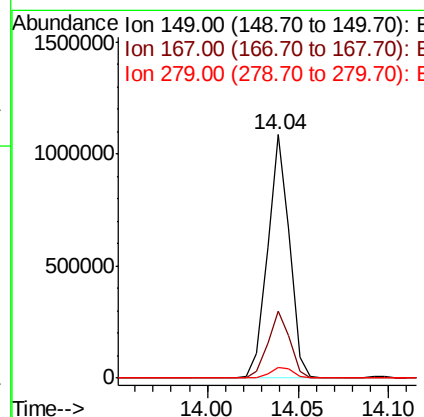
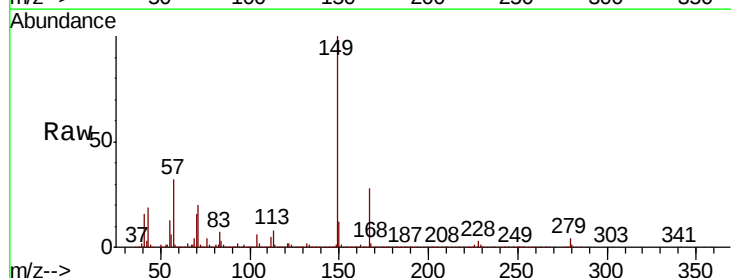
Instrument :
 BNA_F
 ClientSampleId :

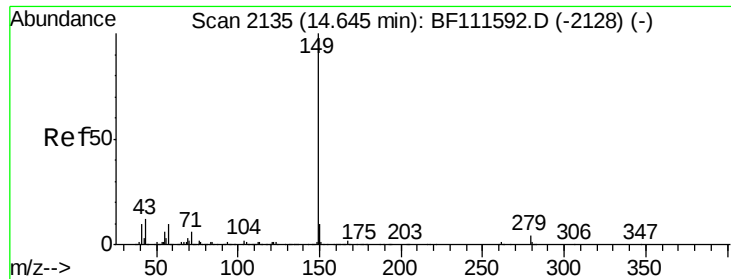
Tot Ion:228 Resp: 1213650
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.3 37.9
 229 19.5 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.037 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion:149 Resp: 903683
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.5 33.7
 279 4.2 2.6 4.0#

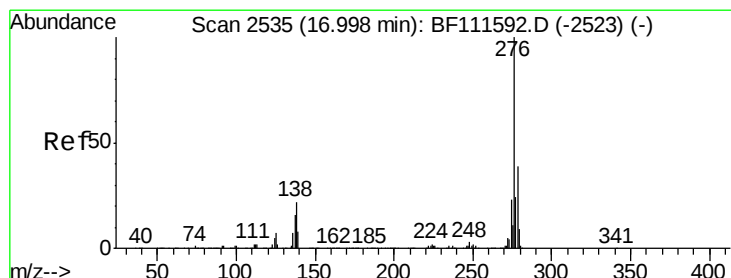
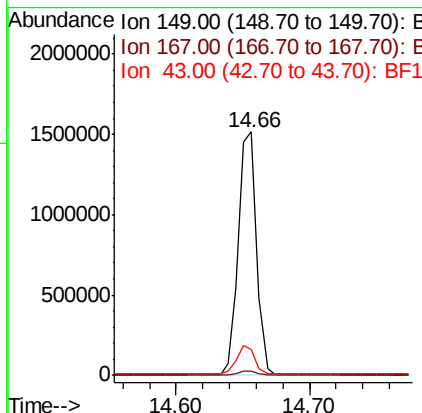
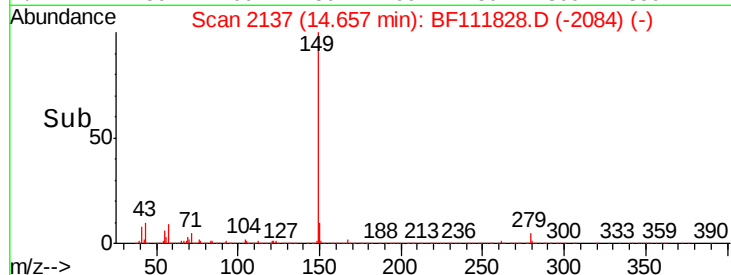
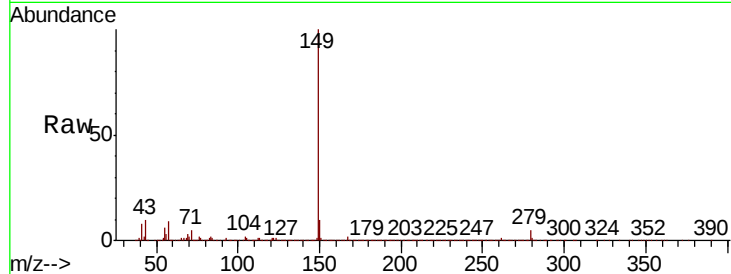




#85
Di-n-octyl phthalate
Concen: 47.847 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

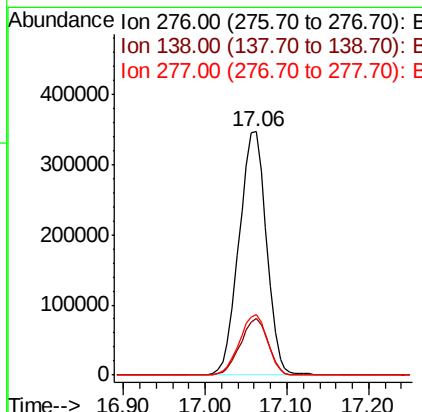
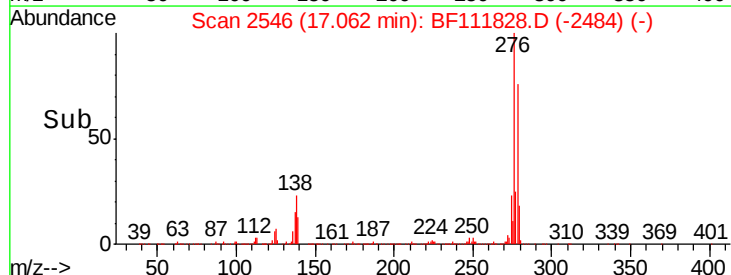
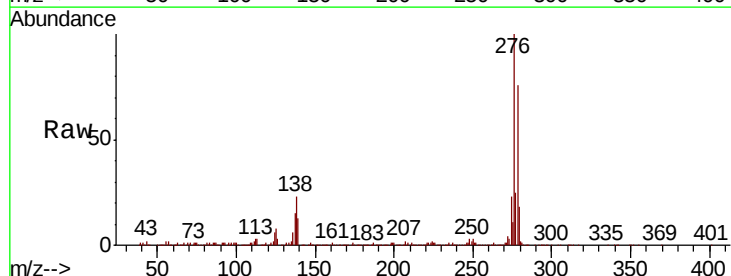
Instrument :
BNA_F
ClientSampleId :

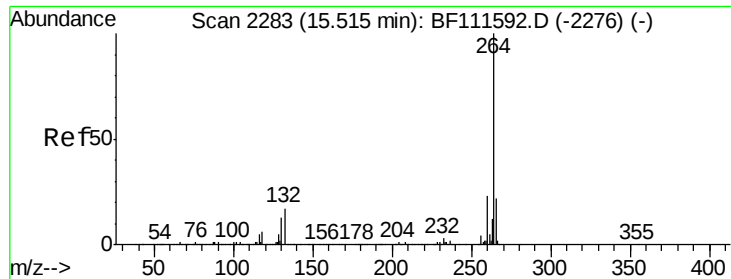
Tot Ion:149 Resp: 1455173
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 10.9 16.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 31.318 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.06 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:276 Resp: 808447
Ion Ratio Lower Upper
276 100
138 23.6 27.8 41.6#
277 25.3 20.1 30.1

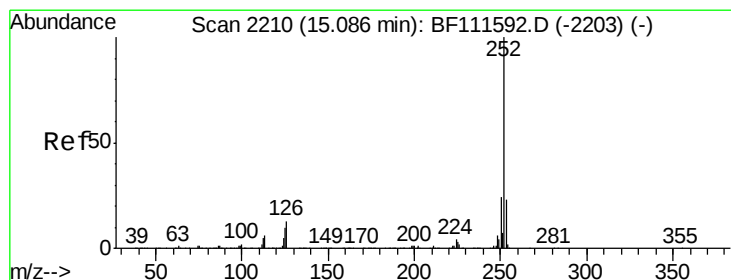
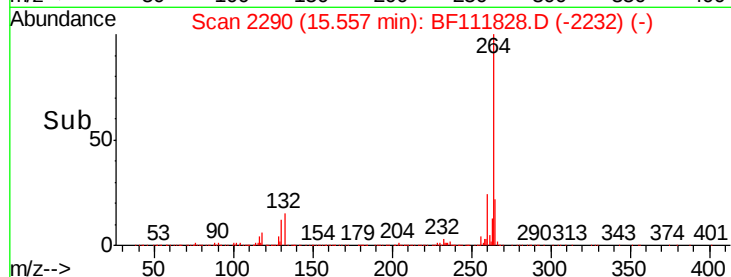
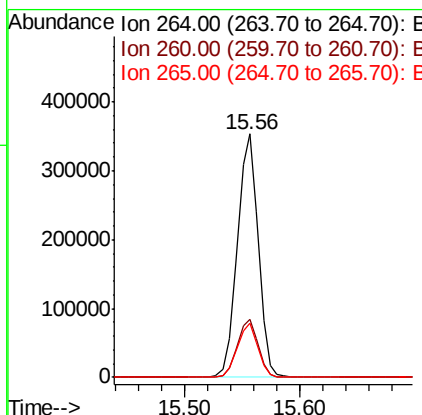
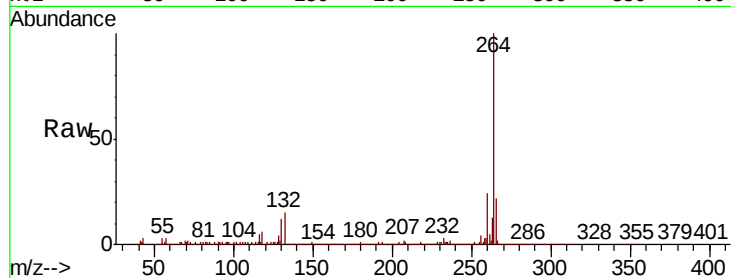




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

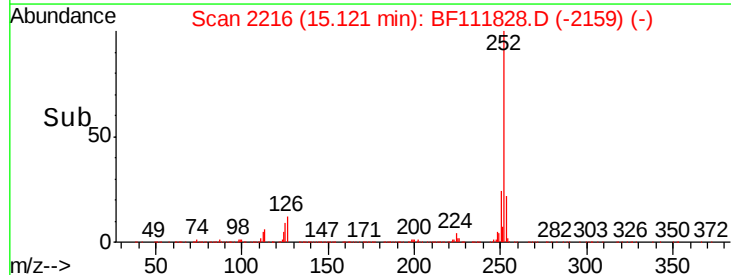
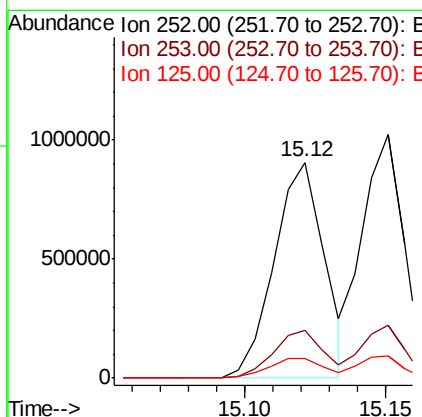
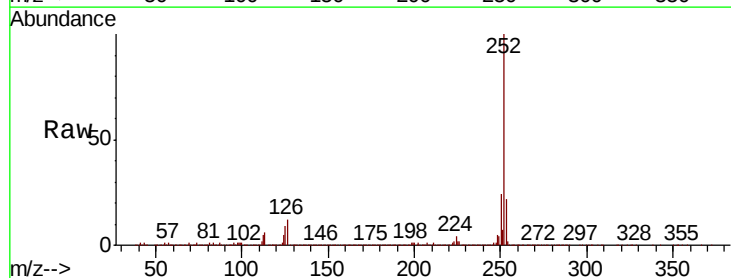
Instrument :
BNA_F
ClientSampleId :

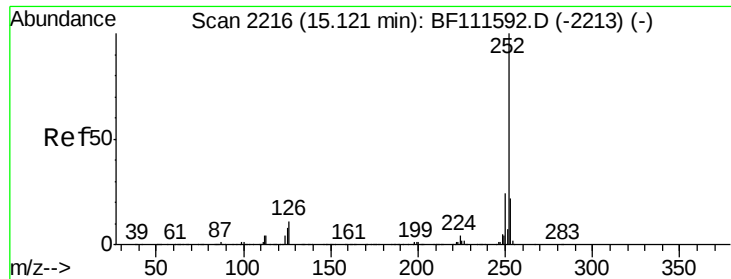
Tot Ion:264 Resp: 441140
Ion Ratio Lower Upper
264 100
260 24.0 18.3 27.5
265 22.1 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 43.313 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:252 Resp: 1116696
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.1 10.4 15.6#

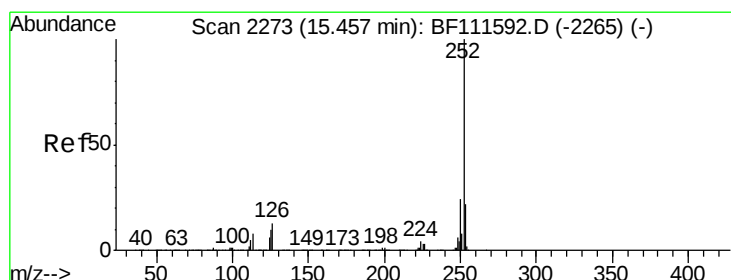
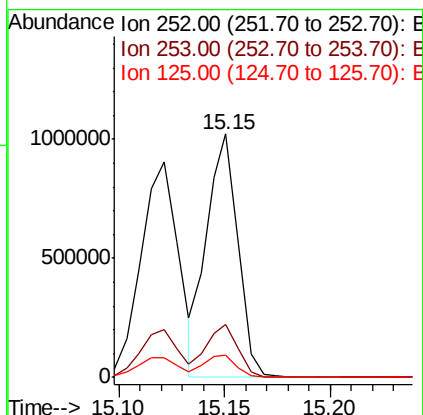
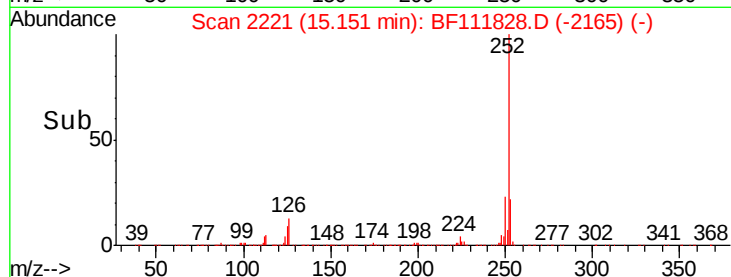
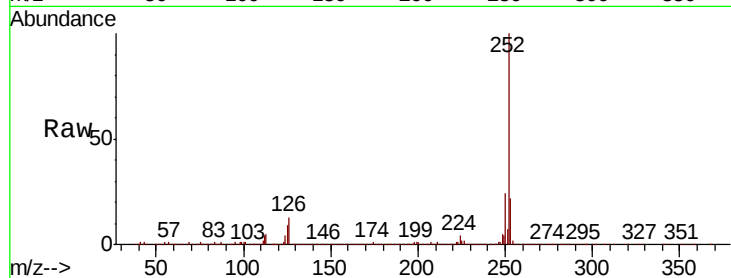




#89
Benzo(k)fluoranthene
Concen: 42.663 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

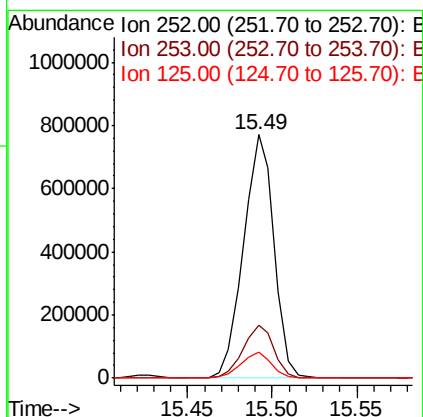
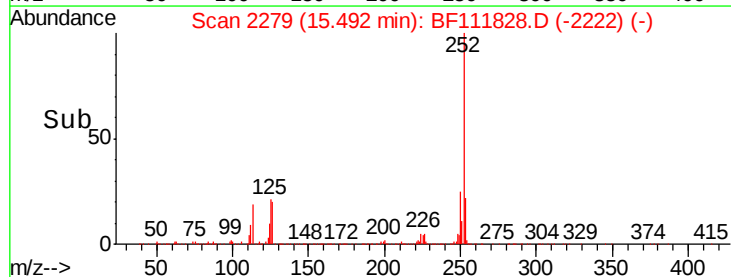
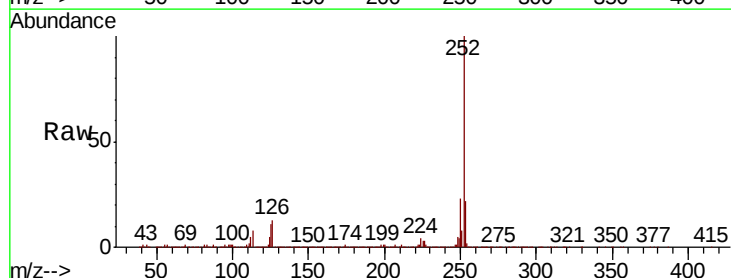
Instrument :
BNA_F
ClientSampleId :

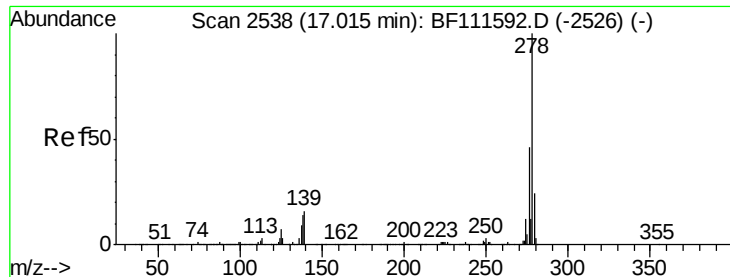
Tot Ion:252 Resp: 1047169
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.3 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 41.335 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:252 Resp: 968203
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.7 12.3 18.5#

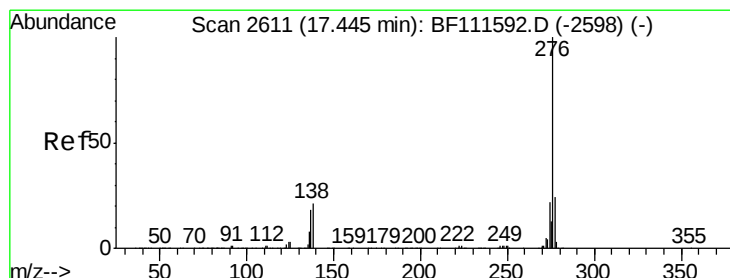
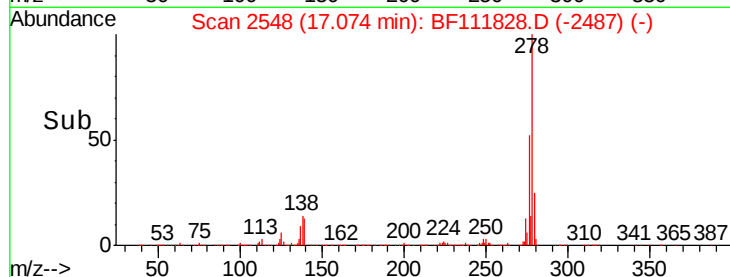
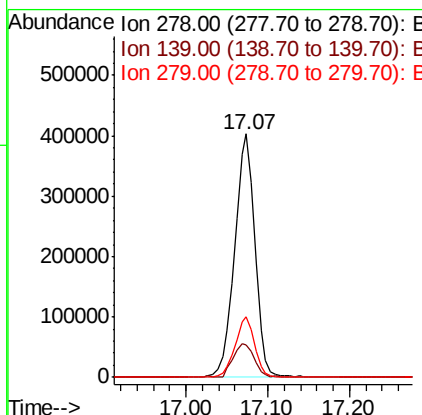
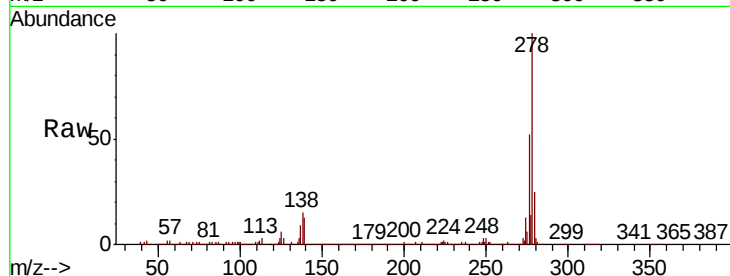




#91
Dibenzo(a,h)anthracene
Concen: 33.754 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.06 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 692327
Ion Ratio Lower Upper
278 100
139 13.1 18.2 27.4#
279 24.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 31.934 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.06 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:276 Resp: 639594
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 20.3 24.9 37.3#

