

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
 Data File : BF112676.D
 Acq On : 22 Feb 2019 20:38
 Operator : JU/SJ
 Sample : K1556-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPMSCD

Quant Time: Feb 22 22:16:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	29778	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	115392	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	56646	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	108317	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	75394	20.00	ng	-0.03
87) Perylene-d12	15.44	264	70115	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	233089	166.26	ng	-0.02
7) Phenol-d6	6.48	99	297678	152.81	ng	-0.01
23) Nitrobenzene-d5	7.38	82	188692	94.22	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	92268	139.94	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	374427	93.49	ng	-0.04
79) Terphenyl-d14	12.91	244	398717	99.60	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	24499	43.868	ng	95
6) Aniline	6.48	93	87937	37.947	ng	89
8) 2-Chlorophenol	6.62	128	91049	48.277	ng	97
9) Benzaldehyde	6.37	77	34464	33.848	ng	99
10) Phenol	6.49	94	120254	56.266	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	78759	46.807	ng	97
12) 1,3-Dichlorobenzene	6.76	146	97457	44.371	ng	97
13) 1,4-Dichlorobenzene	6.83	146	98938	43.769	ng	98
14) 1,2-Dichlorobenzene	6.99	146	96518	45.605	ng	97
15) Benzyl Alcohol	6.97	79	75340	45.878	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.09	45	90491	41.886	ng	84
17) 2-Methylphenol	7.10	107	69373	46.402	ng	94
18) Hexachloroethane	7.32	117	34833	43.883	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	60314	44.901	ng	98
20) 3+4-Methylphenols	7.26	107	91835	48.036	ng	# 61
22) Acetophenone	7.23	105	128840	45.854	ng	# 92
24) Nitrobenzene	7.40	77	92530	46.263	ng	98
25) Isophorone	7.64	82	159247	50.688	ng	96
26) 2-Nitrophenol	7.72	139	46082	43.113	ng	# 87
27) 2,4-Dimethylphenol	7.77	122	77647	52.726	ng	92
28) bis(2-Chloroethoxy)methane	7.84	93	98013	45.817	ng	99
29) 2,4-Dichlorophenol	7.99	162	76156	46.211	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	84450	44.581	ng	98
31) Naphthalene	8.12	128	296314	54.911	ng	100
32) Benzoic acid	7.89	122	6002	7.145	ng	93
33) 4-Chloroaniline	8.19	127	59233	25.209	ng	95
34) Hexachlorobutadiene	8.23	225	47825	43.023	ng	98
35) Caprolactam	8.53	113	23231	39.959	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	80482	46.132	ng	99
37) 2-Methylnaphthalene	8.81	142	214345	58.023	ng	96
38) 1-Methylnaphthalene	8.91	142	200957	56.755	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	82092	44.138	ng	98
41) Hexachlorocyclopentadiene	8.96	237	5013	15.771	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	49684	43.337	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.17	196	51864	43.285	ng	# 94
46) 1,1'-Biphenyl	9.27	154	232028	46.854	ng	98
47) 2-Chloronaphthalene	9.30	162	169541	44.148	ng	95
48) 2-Nitroaniline	9.41	65	48063	45.919	ng	98
49) Acenaphthylene	9.71	152	300480	53.384	ng	98
50) Dimethylphthalate	9.57	163	220928	50.198	ng	98
51) 2,6-Dinitrotoluene	9.64	165	43834	44.471	ng	# 68
52) Acenaphthene	9.88	154	224190	66.675	ng	98
53) 3-Nitroaniline	9.82	138	39516	37.005	ng	# 88
54) 2,4-Dinitrophenol	9.98	184	7173	22.676	ng	# 73
55) Dibenzofuran	10.06	168	309547	60.243	ng	91
56) 4-Nitrophenol	10.06	139	168873	299.119	ng	# 19
57) 2,4-Dinitrotoluene	10.06	165	59351	47.298	ng	# 81
58) Fluorene	10.40	166	283185	73.647	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	39469	43.589	ng	# 85
60) Diethylphthalate	10.26	149	206500	47.280	ng	96
61) 4-Chlorophenyl-phenylether	10.38	204	93665	44.780	ng	# 87
62) 4-Nitroaniline	10.44	138	40894	39.043	ng	90
63) Azobenzene	10.55	77	181220	47.178	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	9373	15.434	ng	# 71
66) n-Nitrosodiphenylamine	10.50	169	170186	46.619	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	54376	42.682	ng	100
68) Hexachlorobenzene	10.96	284	60390	44.183	ng	97
69) Atrazine	11.03	200	51614	43.817	ng	95
70) Pentachlorophenol	11.17	266	30758	57.834	ng	99
71) Phenanthrene	11.37	178	1110206	197.151	ng	98
72) Anthracene	11.42	178	514528	91.725	ng	98
73) Carbazole	11.57	167	294274	53.183	ng	98
74) Di-n-butylphthalate	11.88	149	328571	47.840	ng	98
75) Fluoranthene	12.56	202	1236551	204.733	ng	99
77) Benzidine	12.67	184	146955	70.818	ng	96
78) Pyrene	12.79	202	1028703	197.075	ng	99
80) Butylbenzylphthalate	13.37	149	130654	51.735	ng	# 92
81) Benzo(a)anthracene	13.97	228	560795	126.532	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	69015	41.609	ng	96
83) Chrysene	14.00	228	468490	110.738	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	173656	48.442	ng	# 95
85) Di-n-octyl phthalate	14.53	149	263824	47.834	ng	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	328998	98.142	ng	# 91
88) Benzo(b)fluoranthene	15.02	252	503910	120.173	ng	99
89) Benzo(k)fluoranthene	15.02	252	503910	125.461	ng	99
90) Benzo(a)pyrene	15.39	252	427468	113.296	ng	97
91) Dibenzo(a,h)anthracene	16.93	278	188859	62.108	ng	98
92) Benzo(g,h,i)perylene	17.38	276	264594	92.229	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

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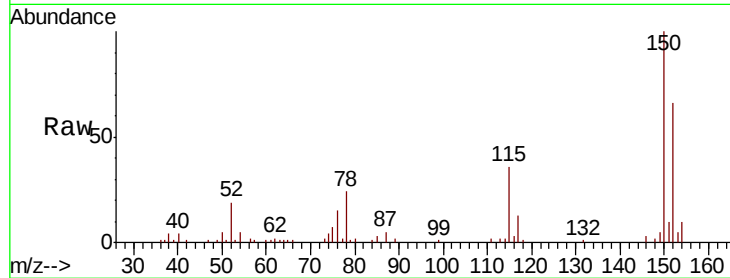
Tgt Ion:152 Resp: 29778

Ion Ratio Lower Upper

152 100

150 150.7 127.4 191.0

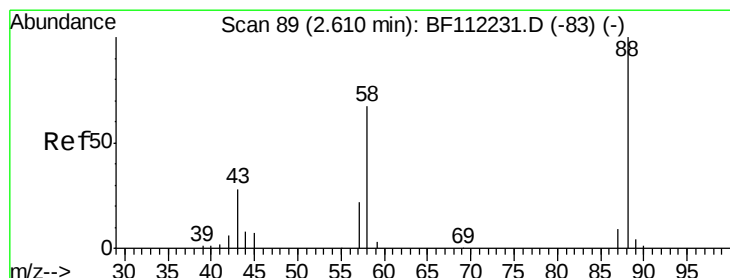
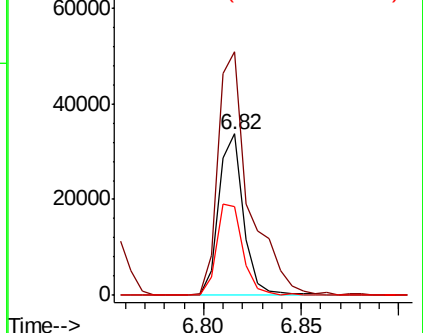
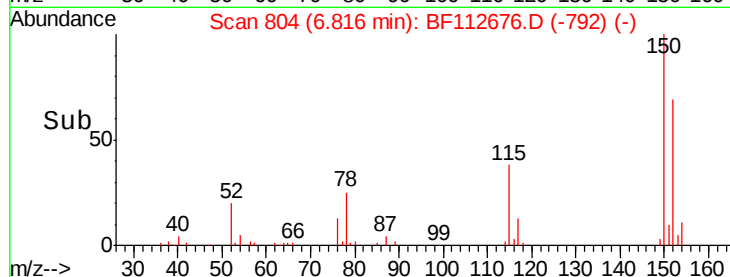
115 54.6 45.5 68.3



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: 43.868 ng

RT: 2.45 min Scan# 62

Delta R.T. -0.16 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

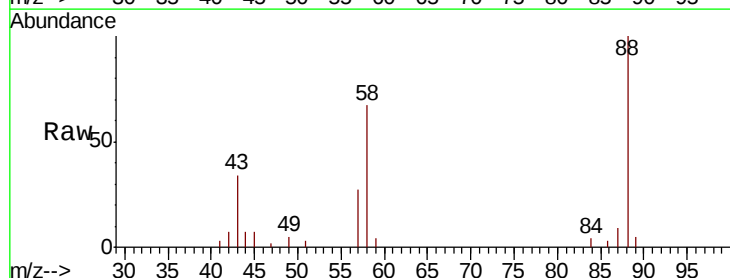
Tgt Ion: 88 Resp: 24499

Ion Ratio Lower Upper

88 100

58 68.2 57.4 86.2

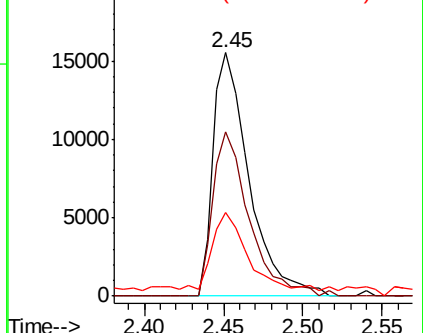
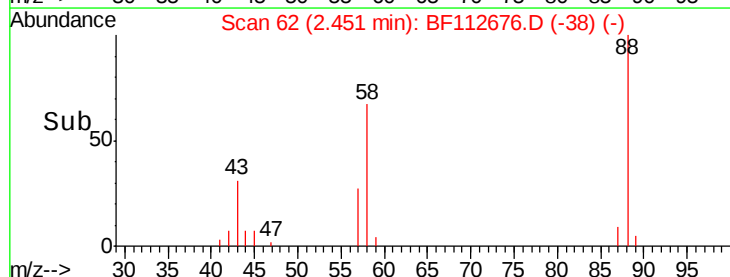
43 31.8 22.2 33.4

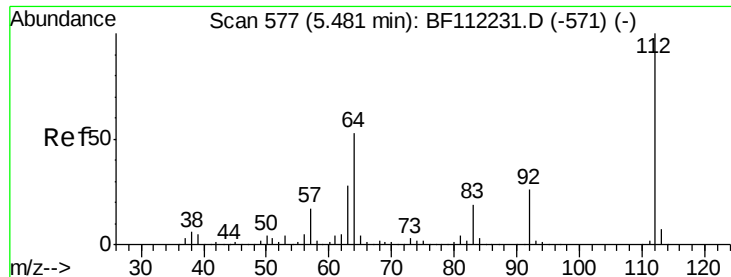


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 166.262 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

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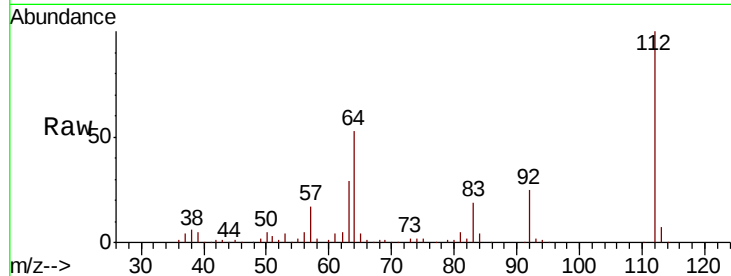
Tgt Ion: 112 Resp: 233089

Ion Ratio Lower Upper

112 100

64 52.7 45.7 68.5

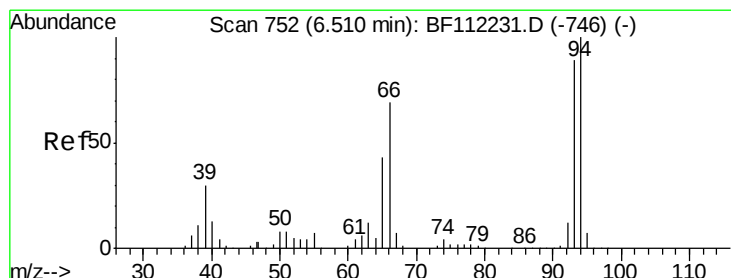
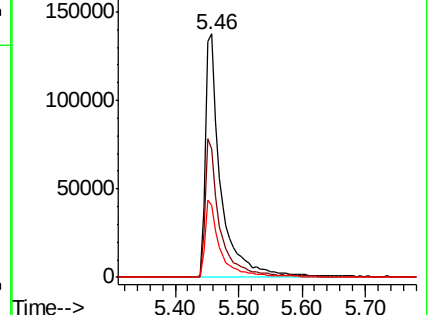
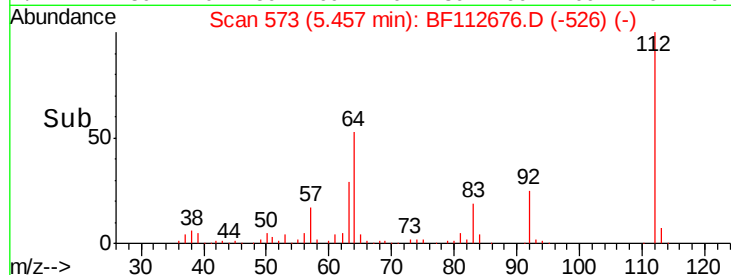
63 29.4 23.6 35.4



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: 37.947 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

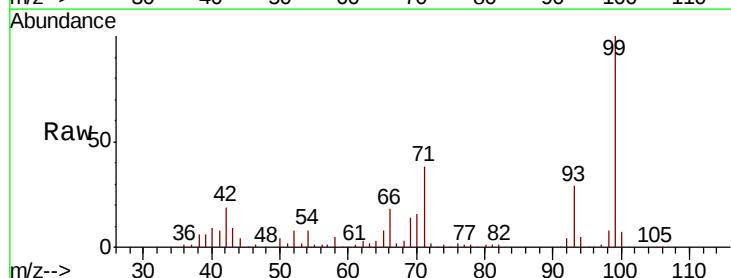
Tgt Ion: 93 Resp: 87937

Ion Ratio Lower Upper

93 100

66 62.7 43.4 65.2

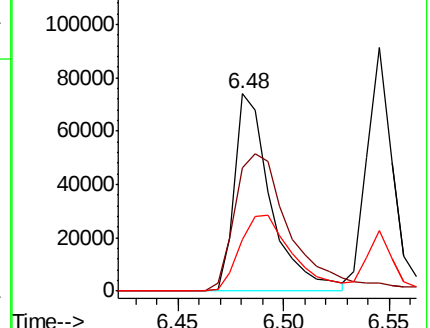
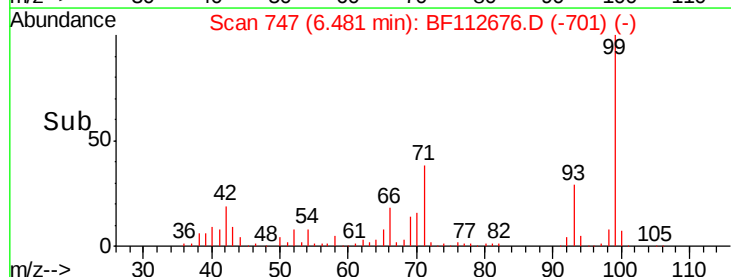
65 26.2 25.3 37.9

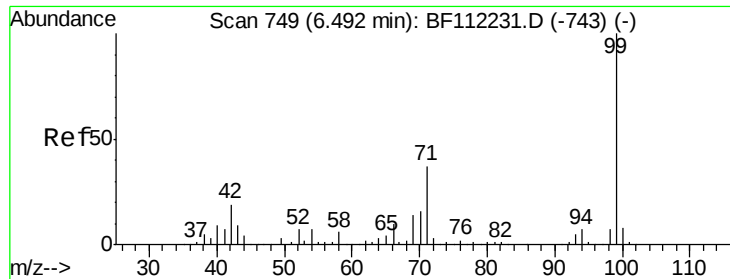


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 152.807 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

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COMPMSSD

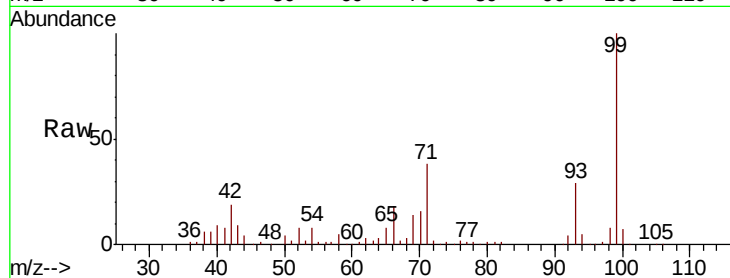
Tgt Ion: 99 Resp: 297678

Ion Ratio Lower Upper

99 100

42 18.5 15.1 22.7

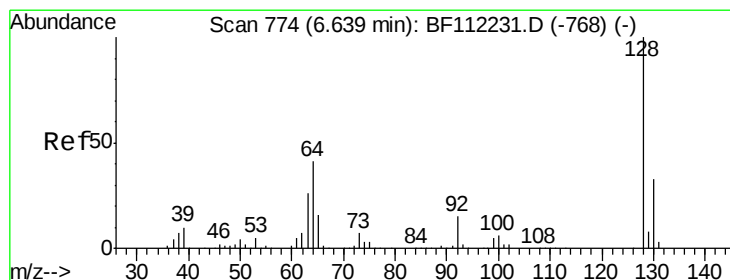
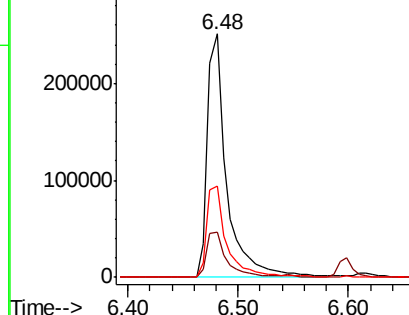
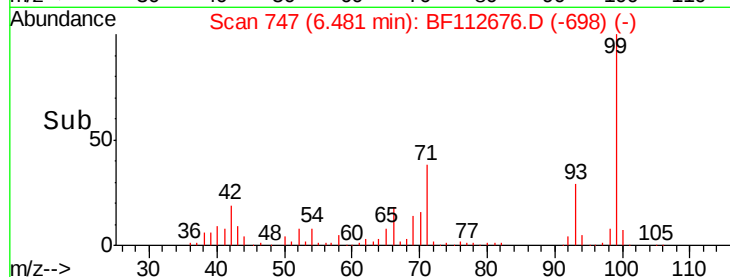
71 37.5 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.277 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

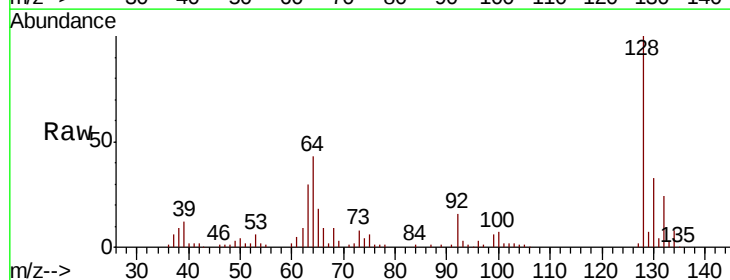
Tgt Ion: 128 Resp: 91049

Ion Ratio Lower Upper

128 100

130 33.4 13.4 53.4

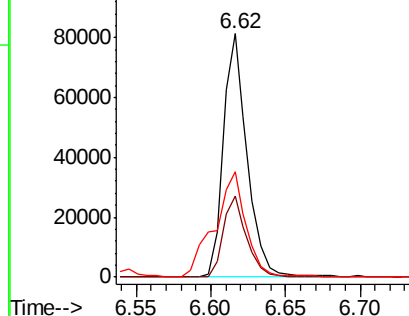
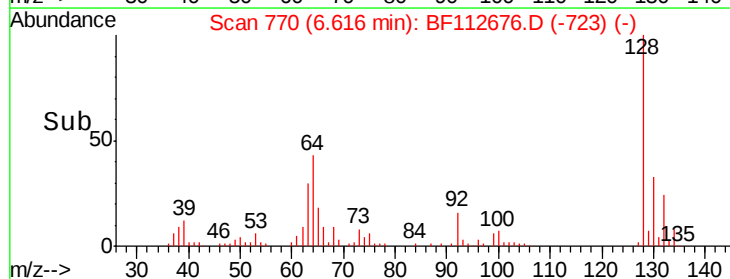
64 43.4 20.5 60.5

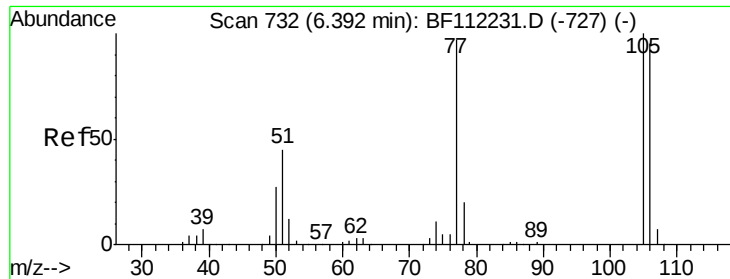


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

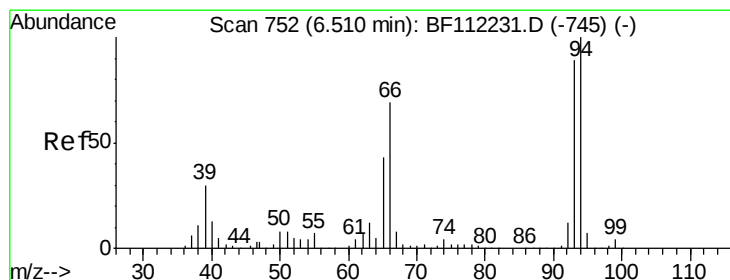
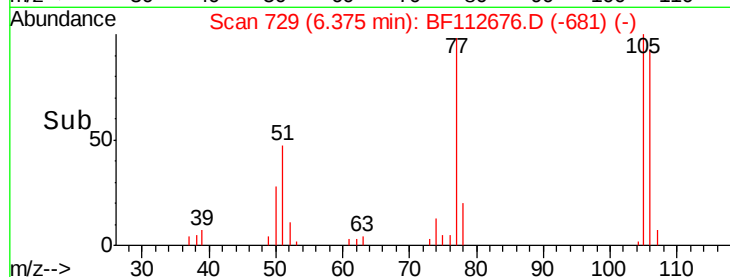
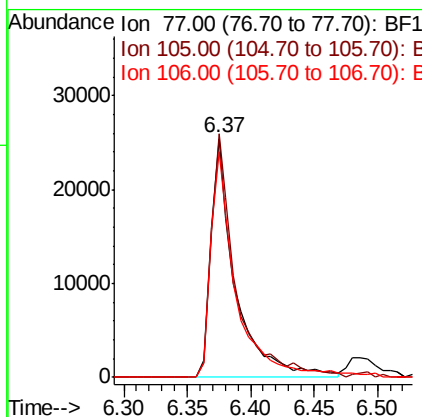
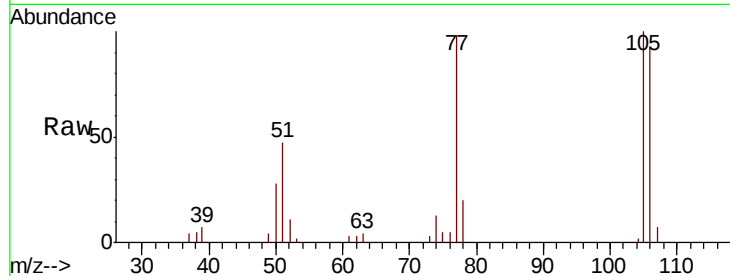




#9
Benzaldehyde
Concen: 33.848 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

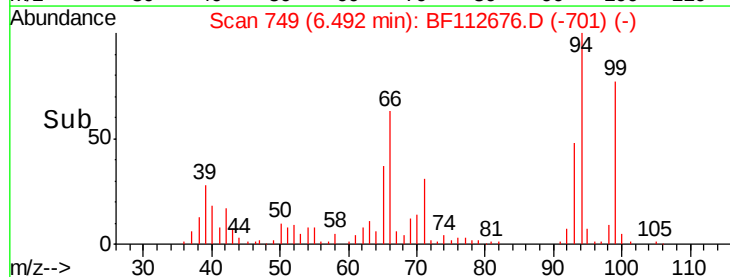
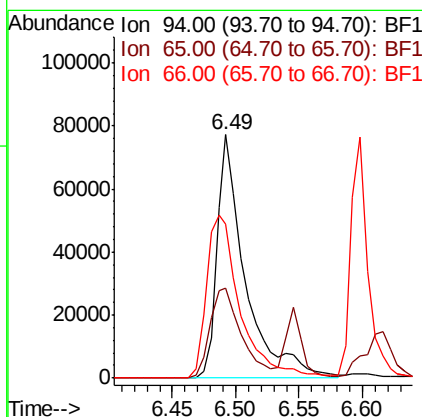
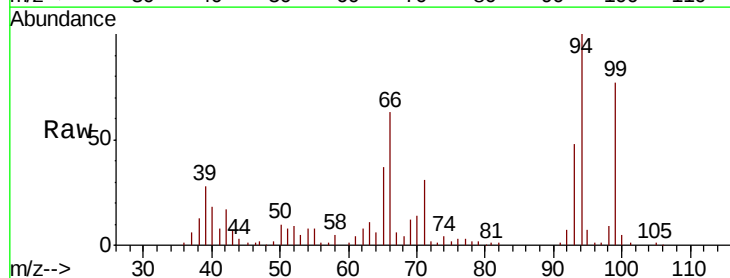
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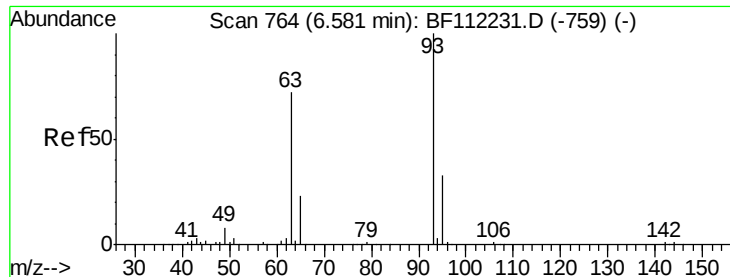
Tgt Ion: 77 Resp: 34464
Ion Ratio Lower Upper
77 100
105 102.0 80.8 120.8
106 94.7 75.7 115.7



#10
Phenol
Concen: 56.266 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion: 94 Resp: 120254
Ion Ratio Lower Upper
94 100
65 36.8 20.3 60.3
66 63.1 42.4 82.4

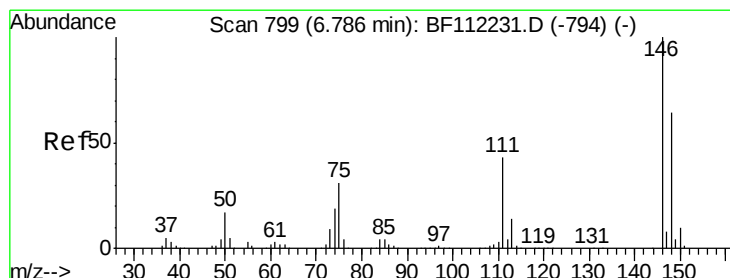
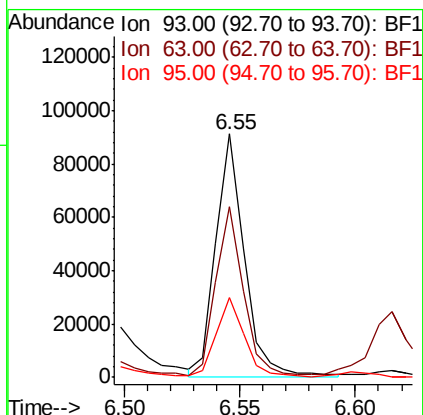
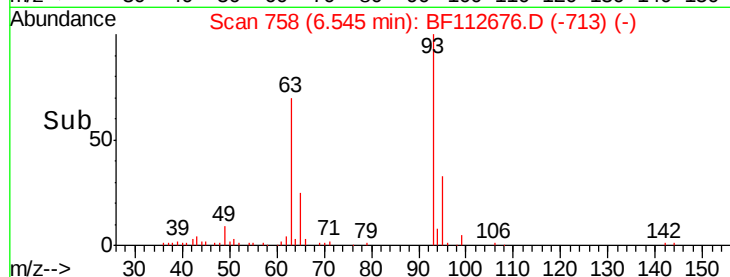
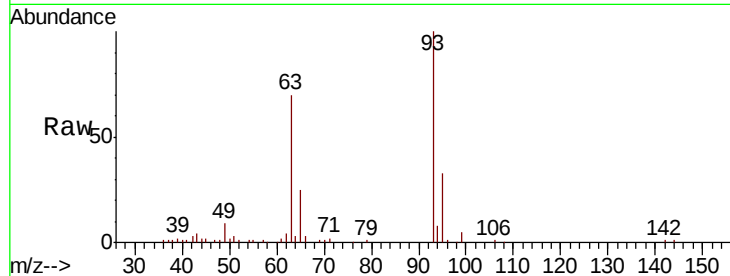




#11
bis(2-Chloroethyl)ether
Concen: 46.807 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

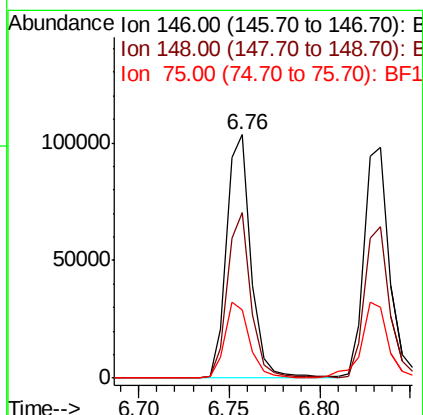
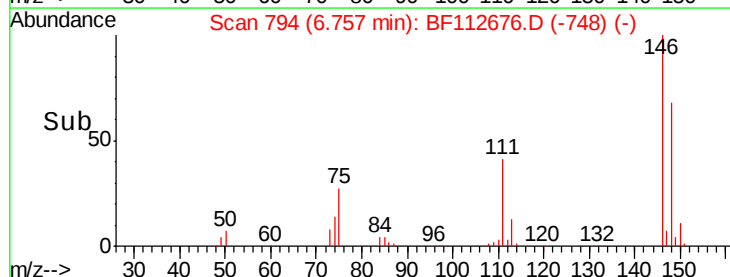
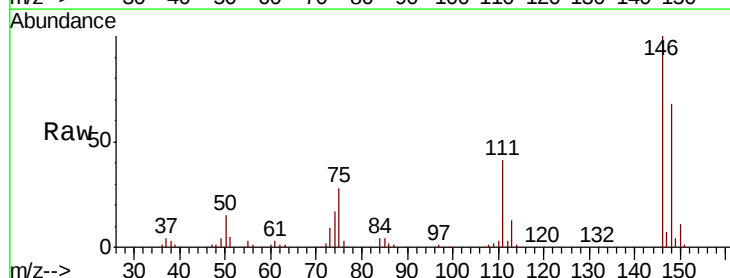
Instrument :
BNA_F
ClientSampleId :
COMPMSD

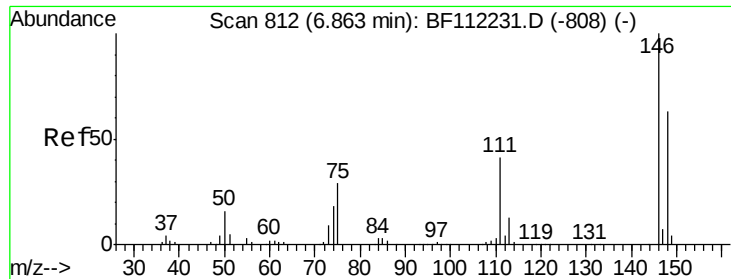
Tgt Ion: 93 Resp: 78759
Ion Ratio Lower Upper
93 100
63 70.0 53.3 93.3
95 32.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 44.371 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF112676.D
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Tgt Ion: 146 Resp: 97457
Ion Ratio Lower Upper
146 100
148 67.9 51.8 77.8
75 28.0 23.1 34.7

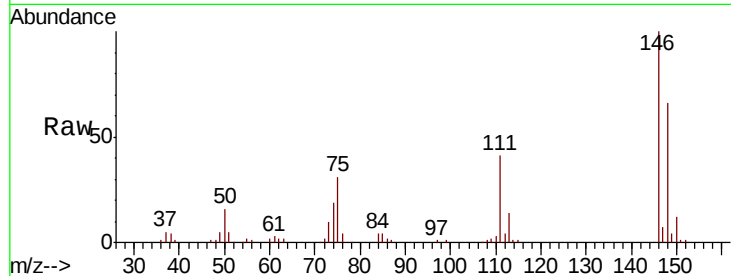




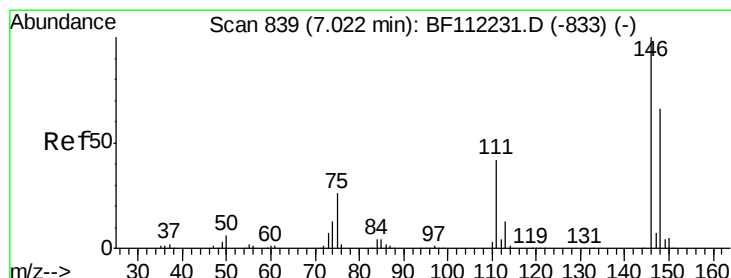
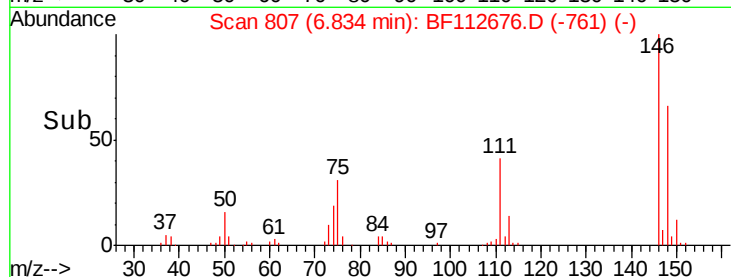
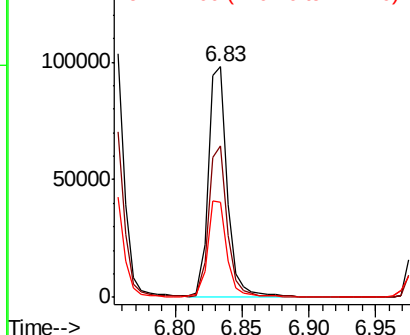
#13
 1,4-Dichlorobenzene
 Concen: 43.769 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :
 COMPMDS

Tgt Ion:146 Resp: 98938
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.0 78.0
 111 41.2 31.2 46.8

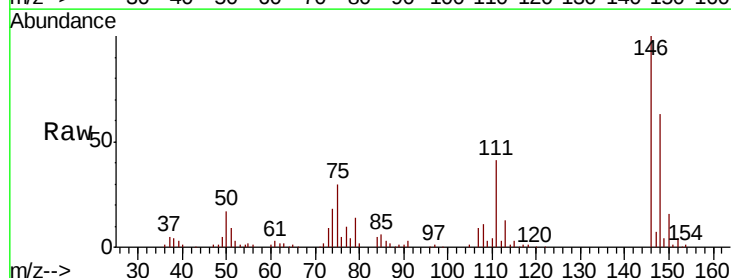


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

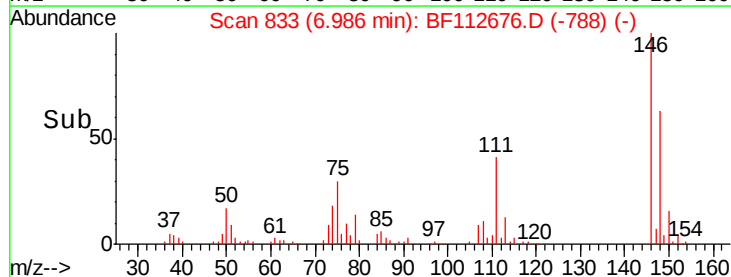
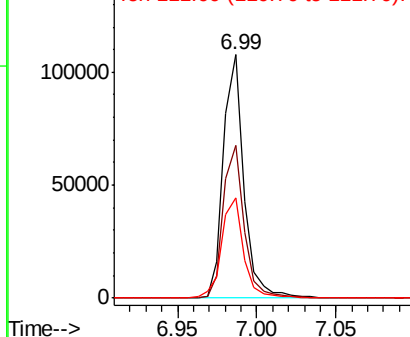


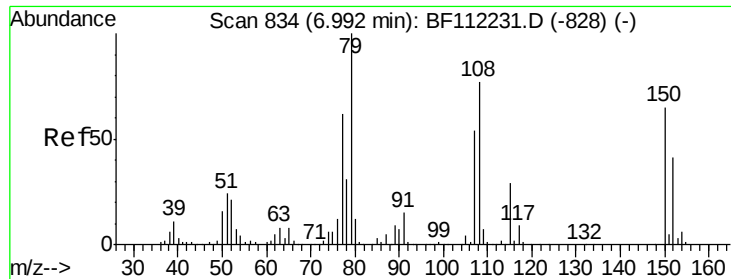
#14
 1,2-Dichlorobenzene
 Concen: 45.605 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion:146 Resp: 96518
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.4
 111 41.0 31.2 46.8



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

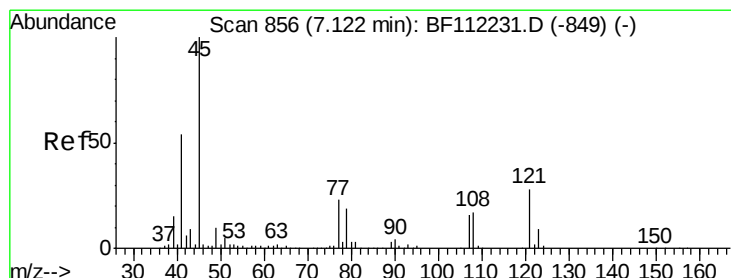
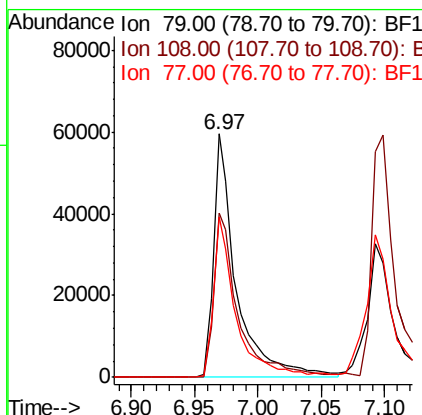
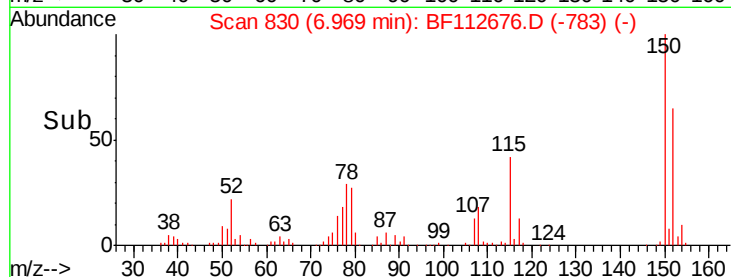
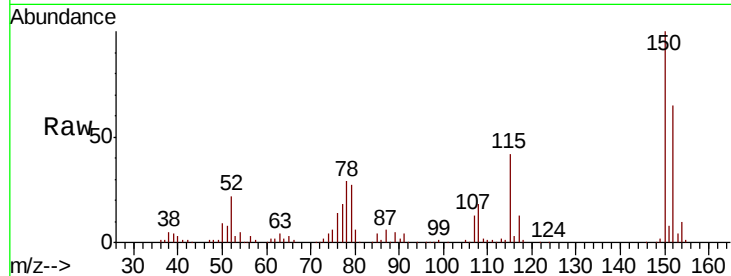




#15
Benzyl Alcohol
Concen: 45.878 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

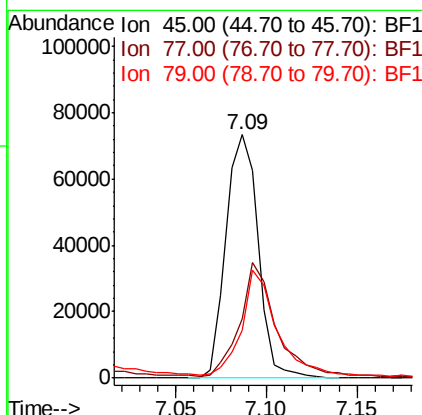
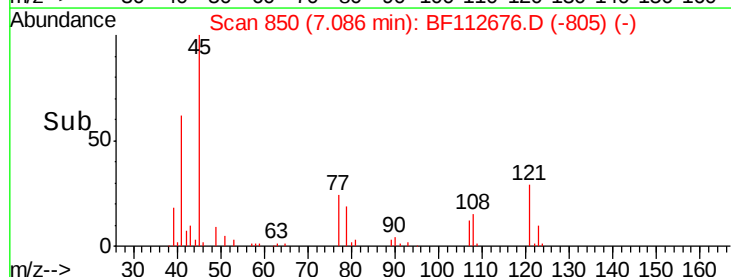
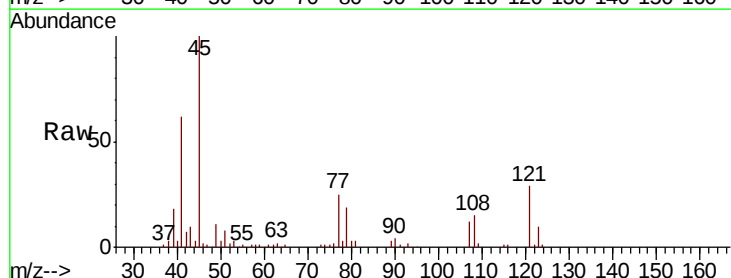
Instrument :
BNA_F
ClientSampleId :
COMPMDS

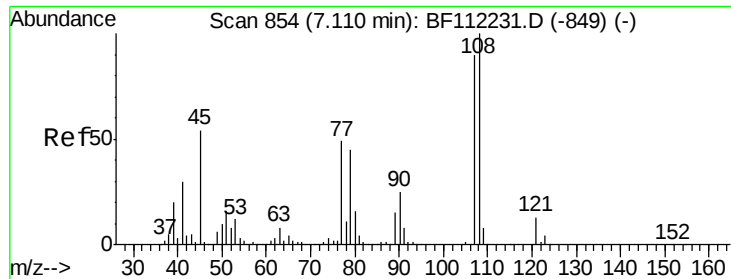
Tgt Ion: 79 Resp: 75340
Ion Ratio Lower Upper
79 100
108 67.3 64.2 96.2
77 65.8 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.886 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion: 45 Resp: 90491
Ion Ratio Lower Upper
45 100
77 24.5 0.0 36.9
79 19.4 0.0 34.0

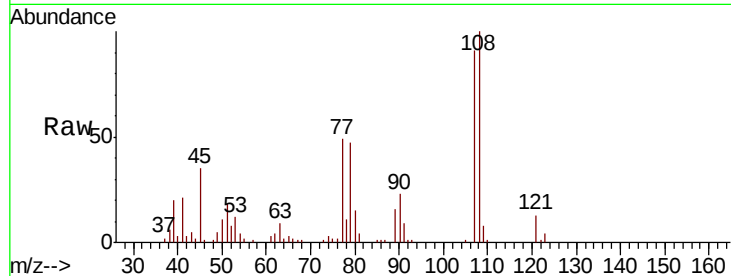




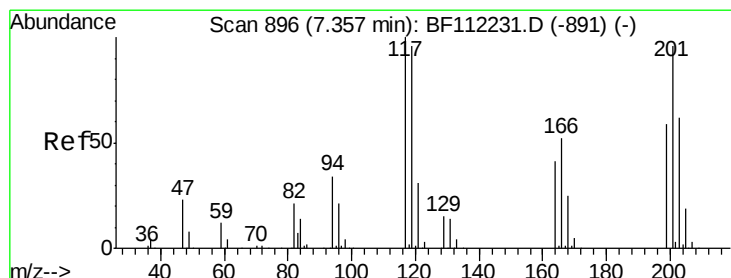
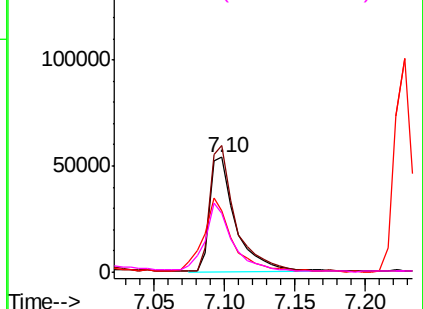
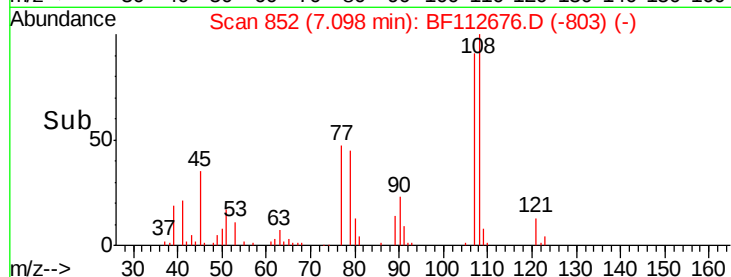
#17
2-Methylphenol
Concen: 46.402 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSSD

Tgt Ion:107 Resp: 69373
Ion Ratio Lower Upper
107 100
108 109.5 91.3 136.9
77 53.4 39.0 58.6
79 51.6 37.0 55.4

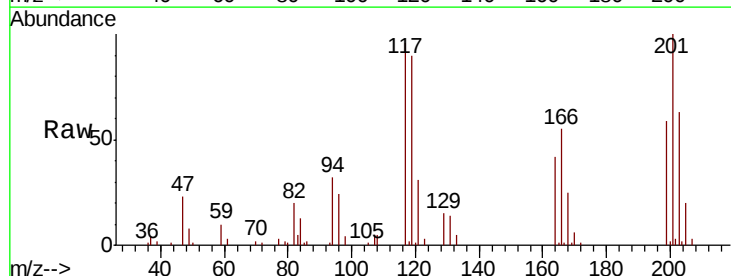


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

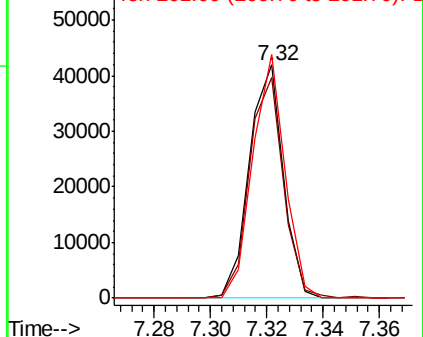
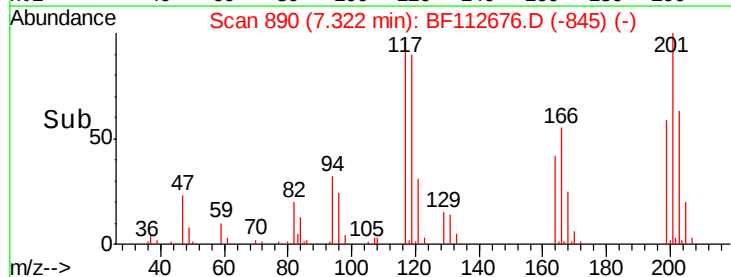


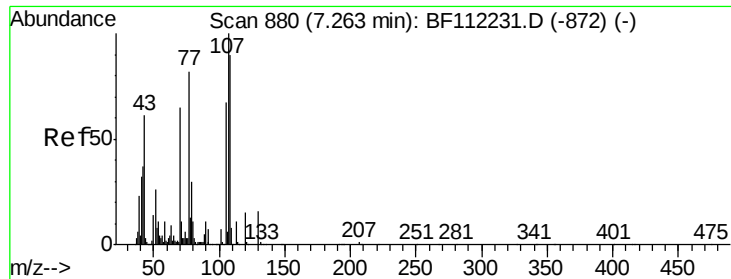
#18
Hexachloroethane
Concen: 43.883 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:117 Resp: 34833
Ion Ratio Lower Upper
117 100
119 94.5 77.0 115.4
201 104.6 74.1 111.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

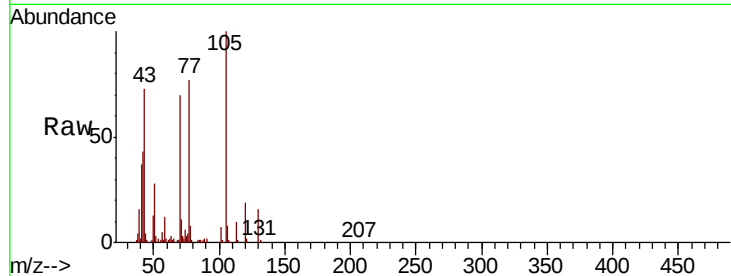




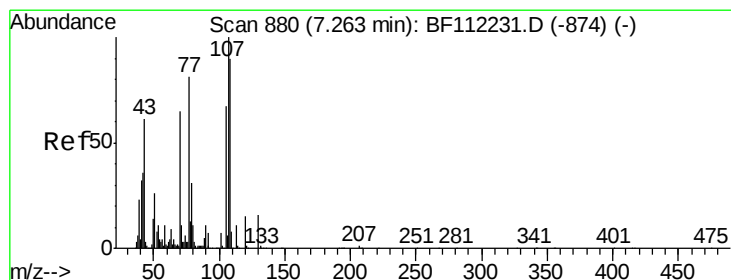
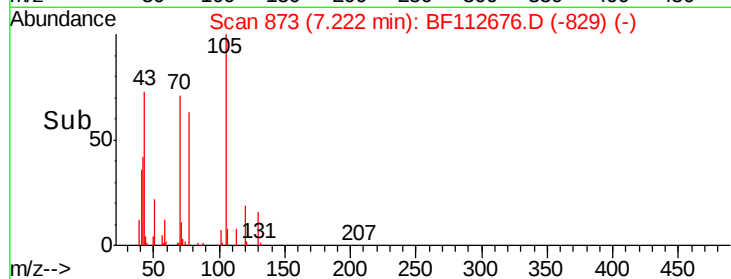
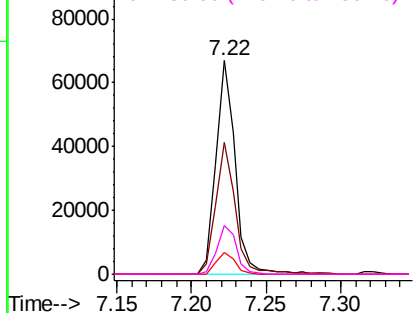
#19
n-Nitroso-di-n-propylamine
Concen: 44.901 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tgt Ion:	70	Resp:	60314
Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.6	71.4
101	10.4	7.9	11.9
130	22.8	18.4	27.6



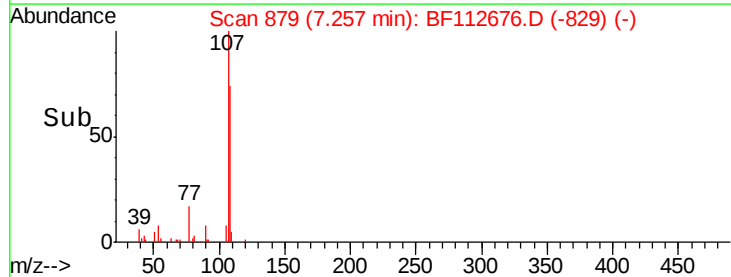
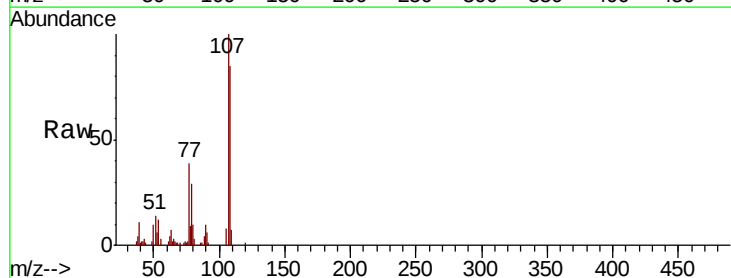
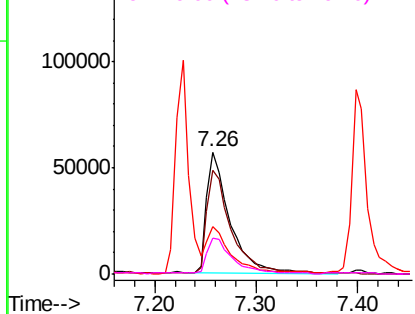
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

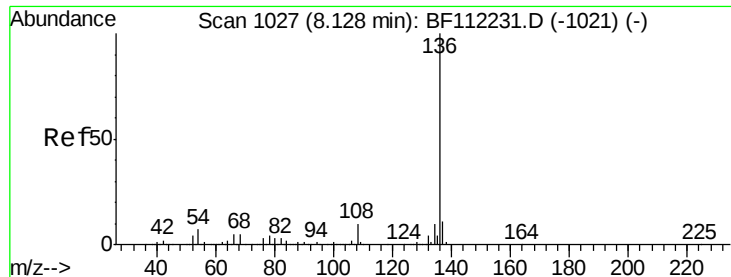


#20
3+4-Methylphenols
Concen: 48.036 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:	107	Resp:	91835
Ion	Ratio	Lower	Upper
107	100		
108	85.3	68.2	108.2
77	38.6	100.7	140.7#
79	29.3	7.3	47.3

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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSD

Tgt Ion:136 Resp: 115392

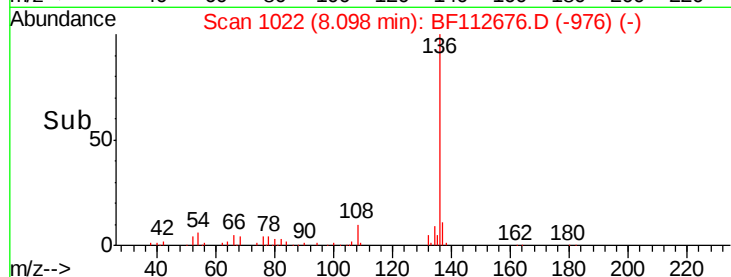
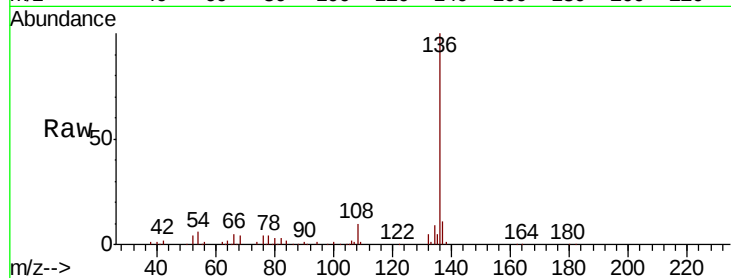
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.1 5.9 8.9

68 4.3 5.1 7.7#



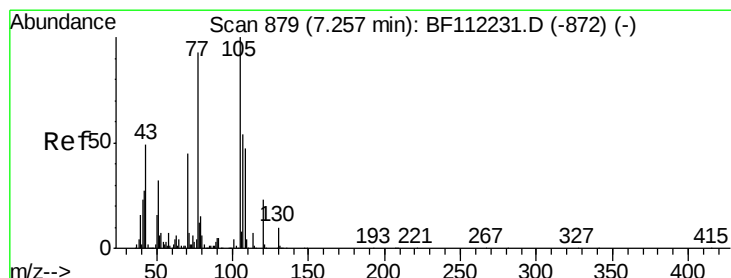
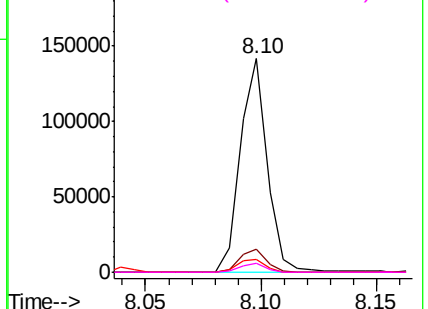
Abundance

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: 45.854 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion:105 Resp: 128840

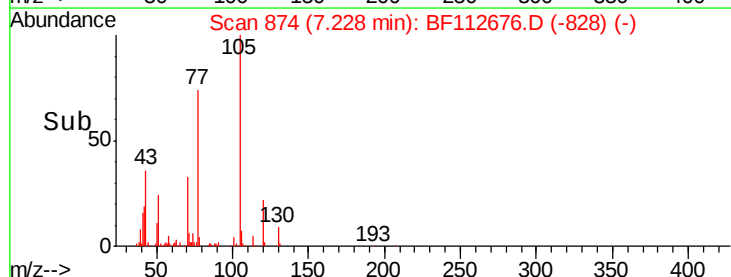
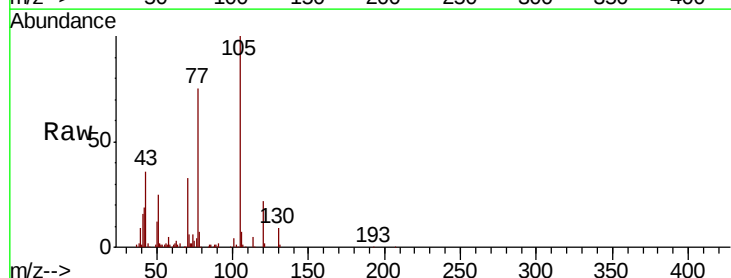
Ion Ratio Lower Upper

105 100

71 5.7 4.6 6.8

51 24.7 25.0 37.6#

120 21.9 19.0 28.4



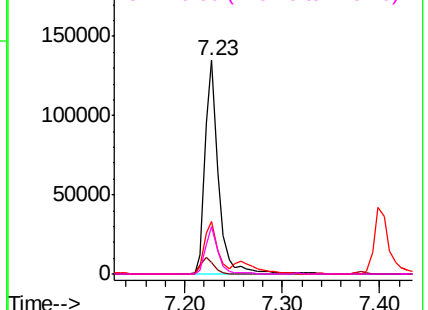
Abundance

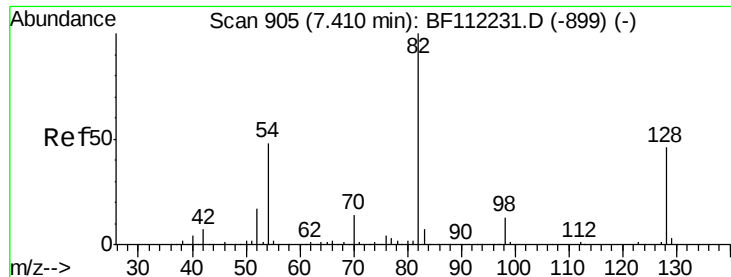
Ion 105.00 (104.70 to 105.70): E

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

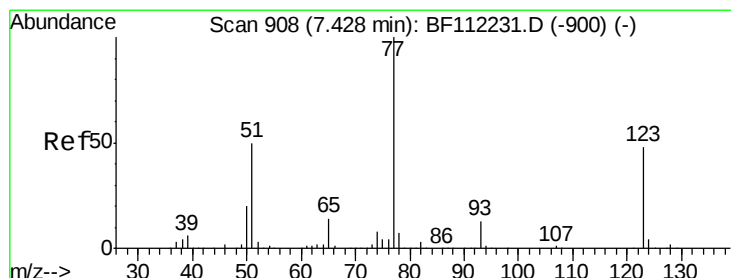
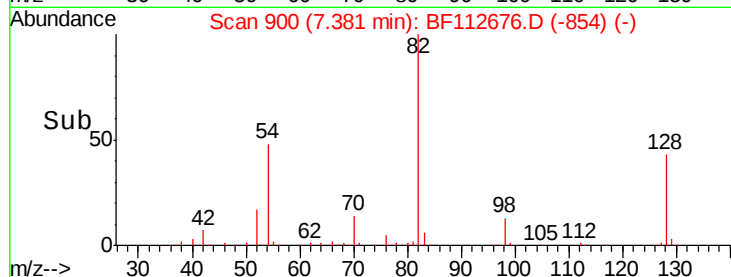
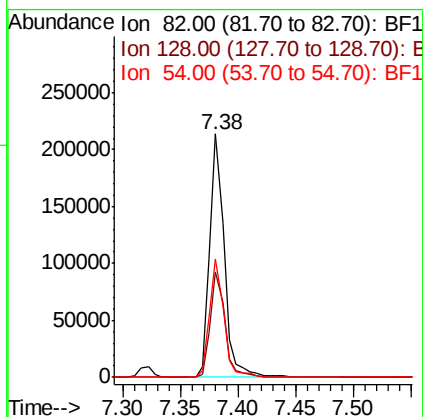
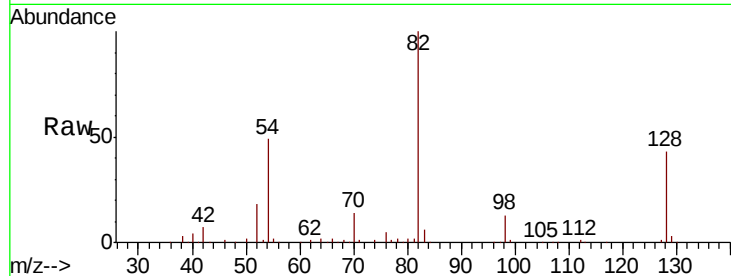




#23
 Nitrobenzene-d5
 Concen: 94.221 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

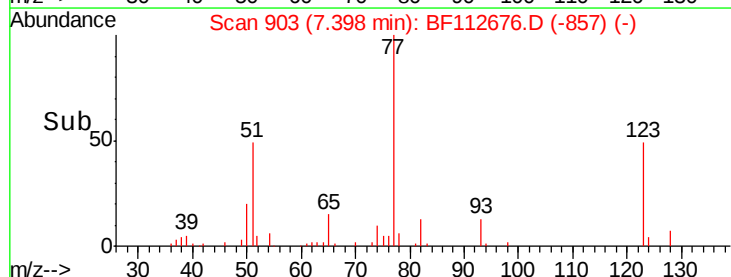
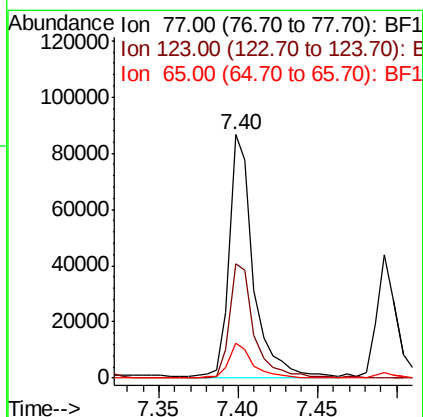
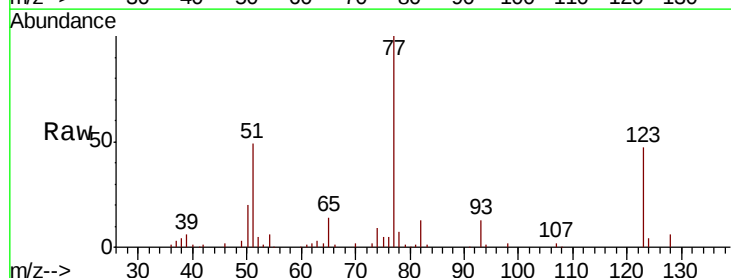
Instrument :
 BNA_F
 ClientSampleId :
 COMPMSD

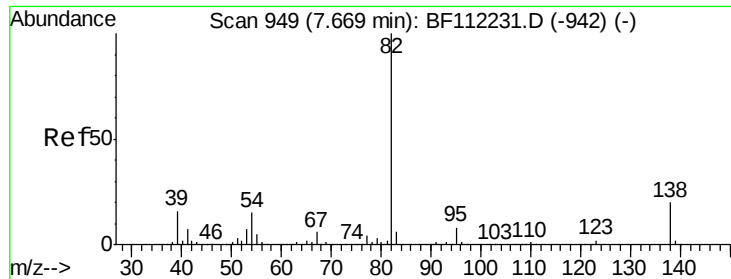
Tgt Ion: 82 Resp: 188692
 Ion Ratio Lower Upper
 82 100
 128 43.0 37.8 56.8
 54 48.8 39.7 59.5



#24
 Nitrobenzene
 Concen: 46.263 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion: 77 Resp: 92530
 Ion Ratio Lower Upper
 77 100
 123 47.1 38.4 57.6
 65 14.2 10.6 15.8

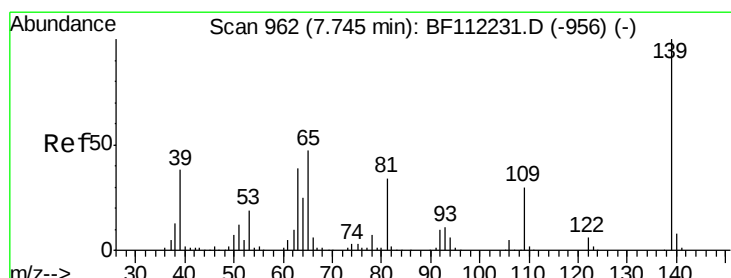
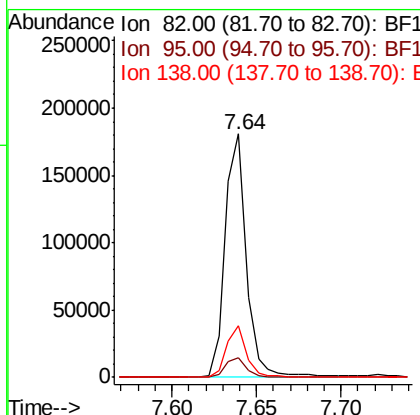
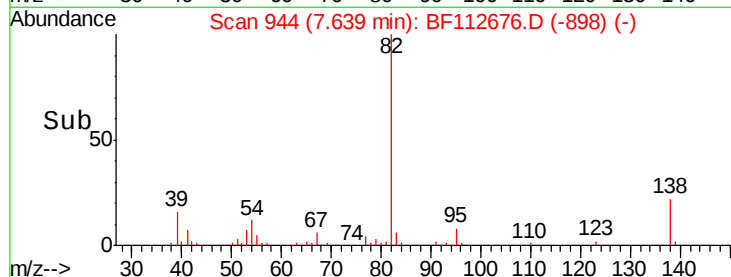
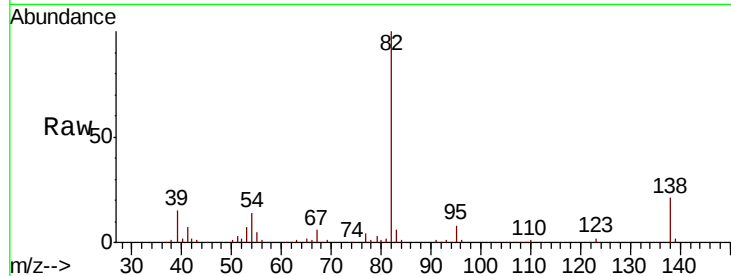




#25
Isophorone
Concen: 50.688 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

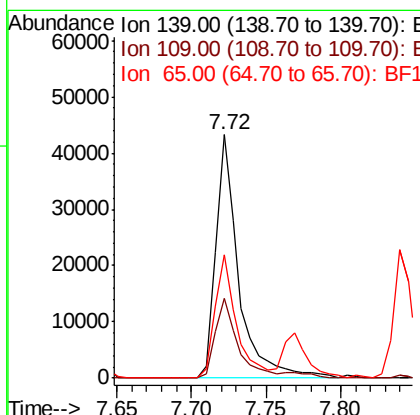
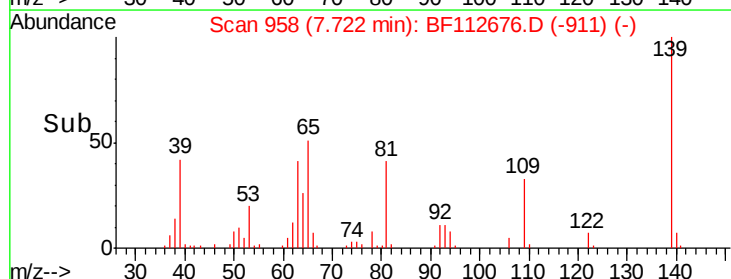
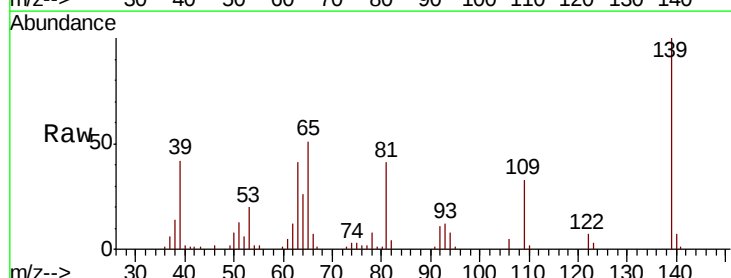
Instrument :
BNA_F
ClientSampleId :
COMPMSSD

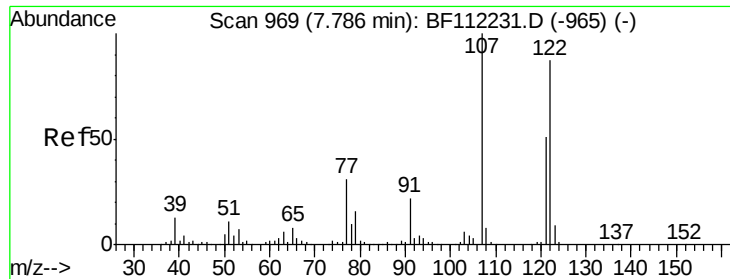
Tgt Ion: 82 Resp: 159247
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 21.1 15.4 23.0



#26
2-Nitrophenol
Concen: 43.113 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion: 139 Resp: 46082
Ion Ratio Lower Upper
139 100
109 33.0 20.8 31.2#
65 50.7 34.4 51.6

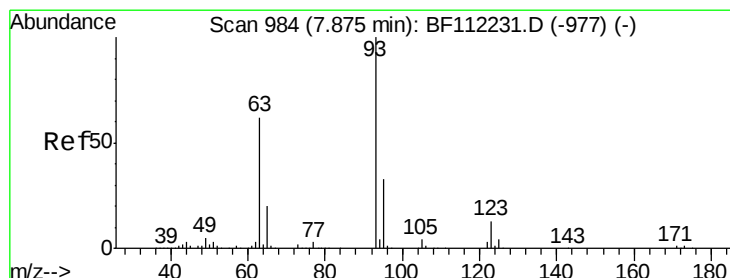
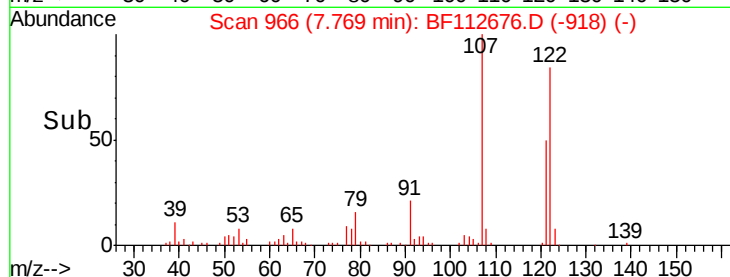
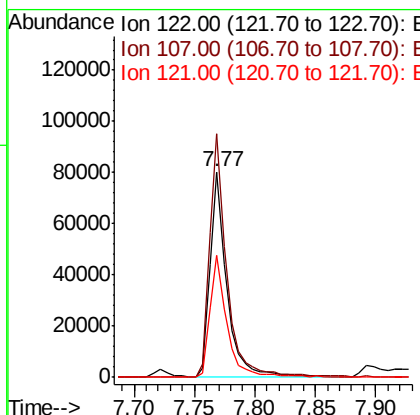
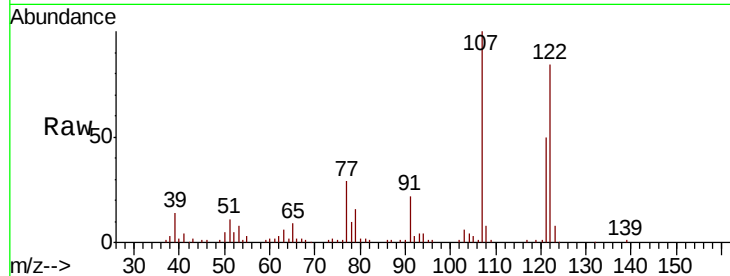




#27
2,4-Dimethylphenol
Concen: 52.726 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

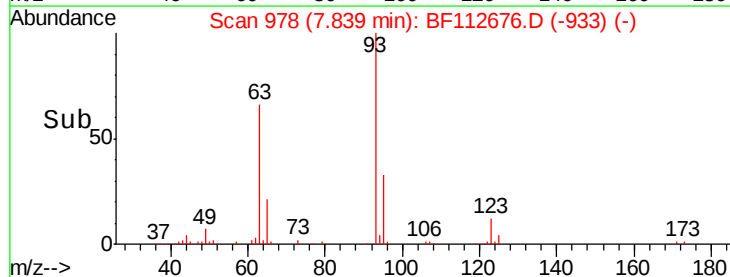
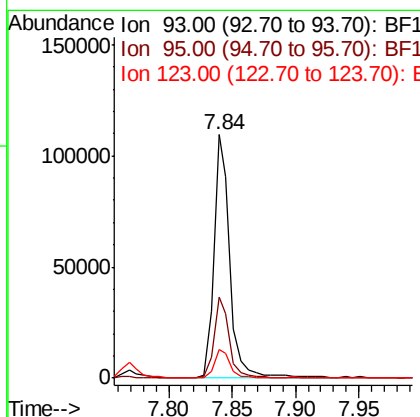
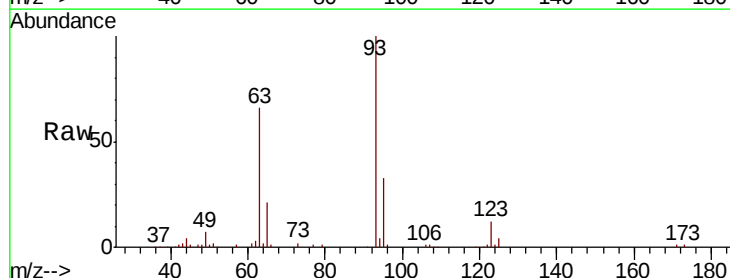
Instrument :
BNA_F
ClientSampleId :
COMPMSSD

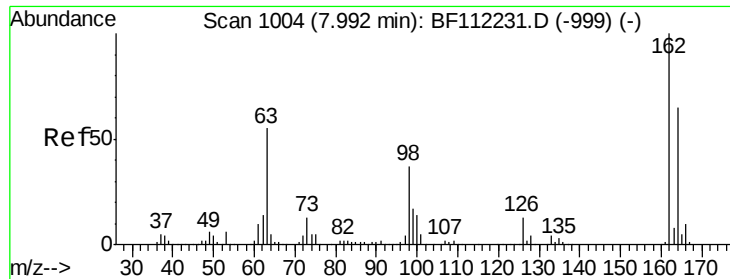
Tgt Ion:122 Resp: 77647
Ion Ratio Lower Upper
122 100
107 118.3 85.4 128.0
121 59.6 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.817 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion: 93 Resp: 98013
Ion Ratio Lower Upper
93 100
95 33.2 26.8 40.2
123 11.7 10.2 15.2

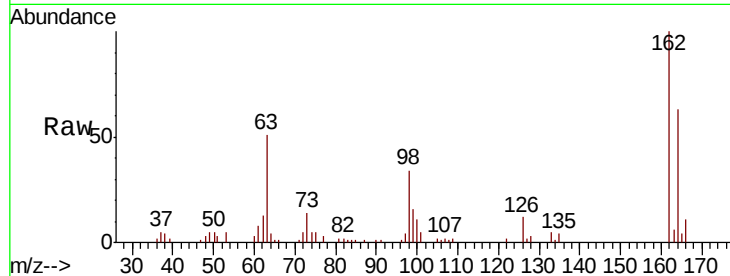




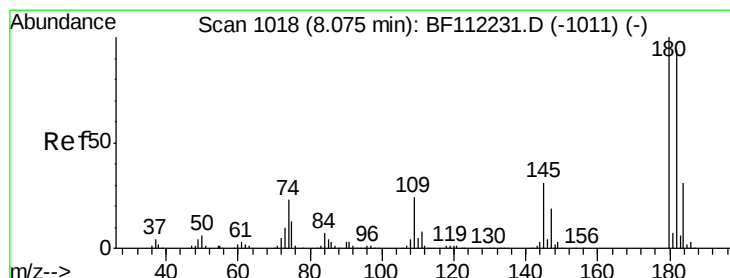
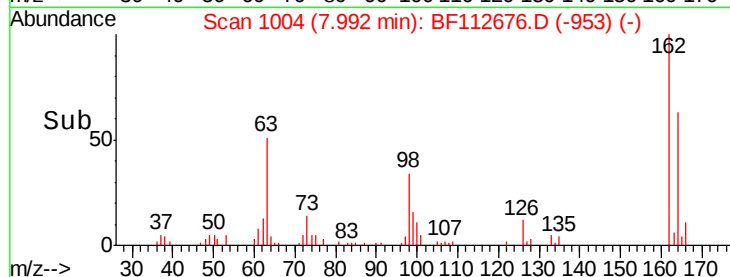
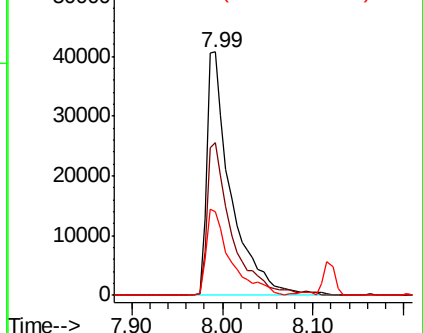
#29
2,4-Dichlorophenol
Concen: 46.211 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tgt Ion:162 Resp: 76156
Ion Ratio Lower Upper
162 100
164 62.5 44.6 84.6
98 34.5 14.6 54.6

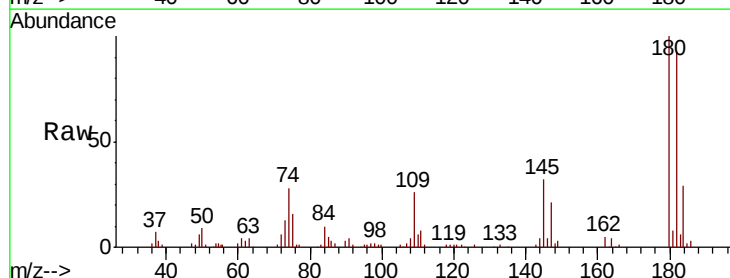


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

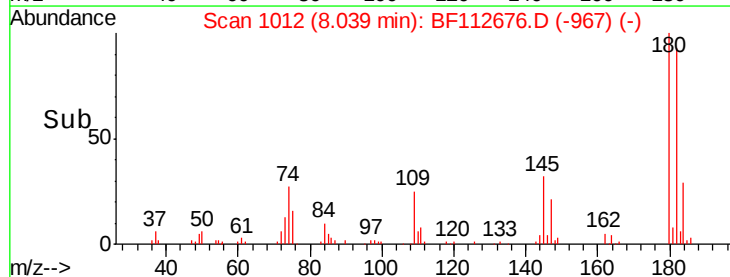
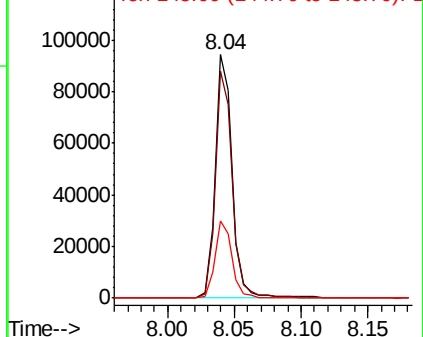


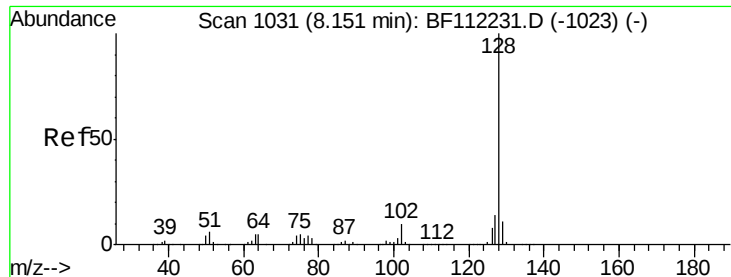
#30
1,2,4-Trichlorobenzene
Concen: 44.581 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:180 Resp: 84450
Ion Ratio Lower Upper
180 100
182 93.1 76.4 114.6
145 31.8 25.0 37.4



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

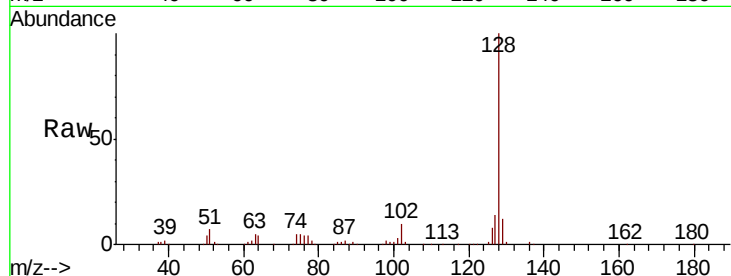




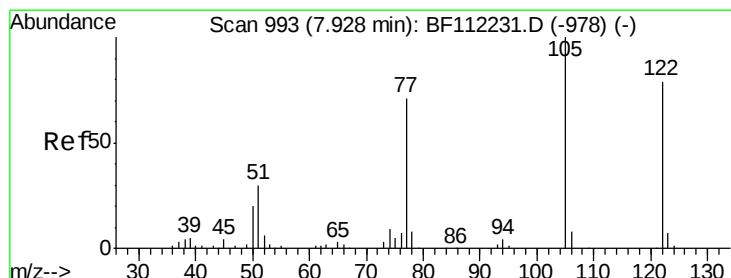
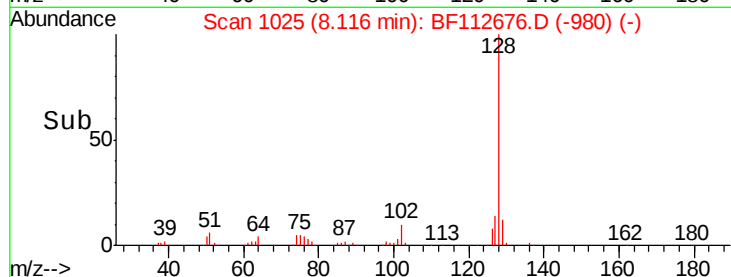
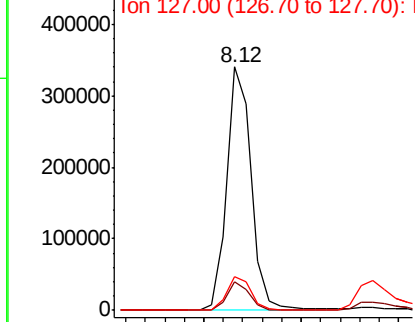
#31
Naphthalene
Concen: 54.911 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSSD

Tgt Ion:128 Resp: 296314
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.8 11.1 16.7

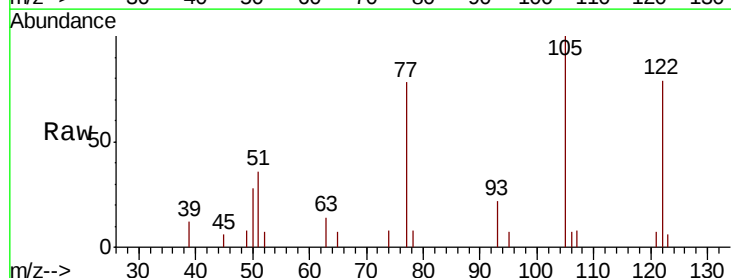


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

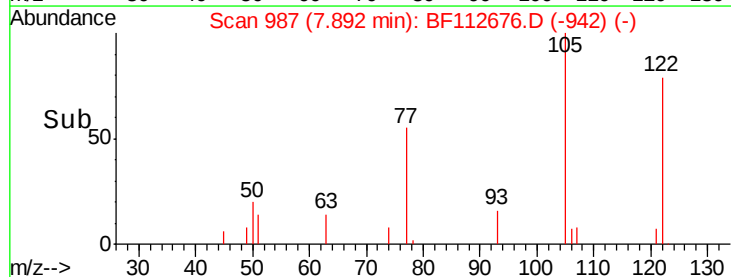
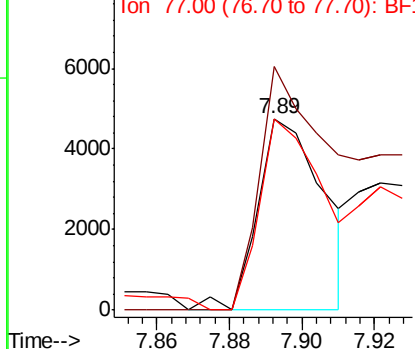


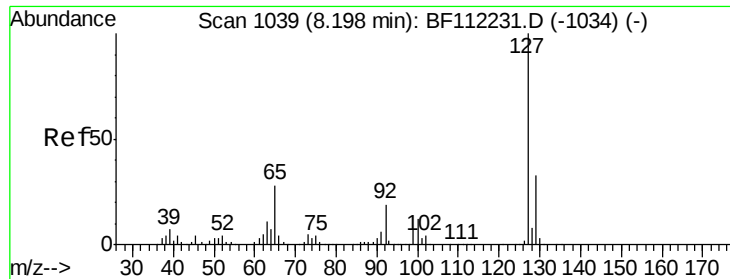
#32
Benzoic acid
Concen: 7.145 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:122 Resp: 6002
Ion Ratio Lower Upper
122 100
105 127.1 101.2 141.2
77 99.7 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

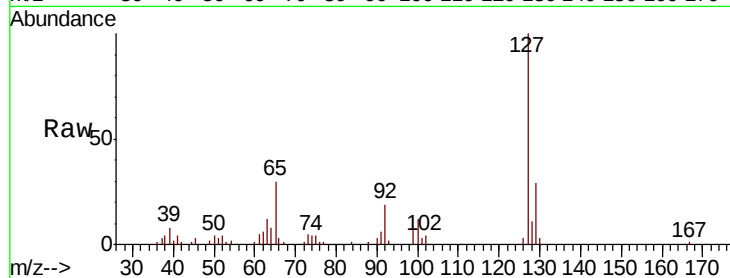




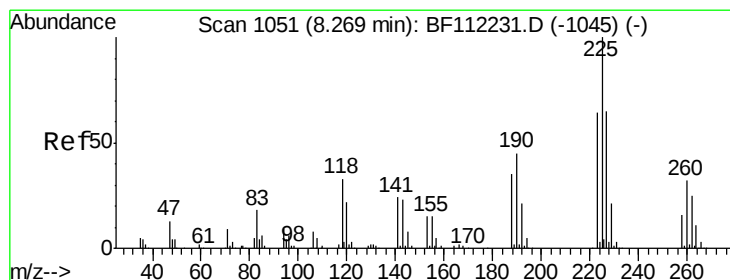
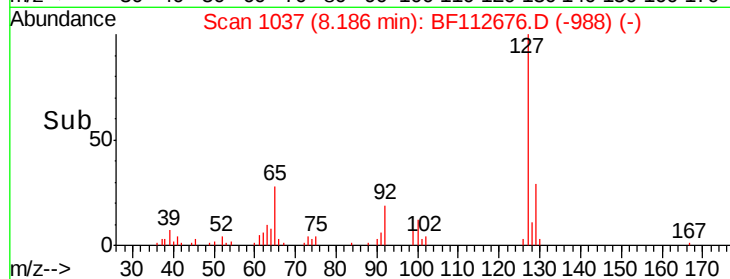
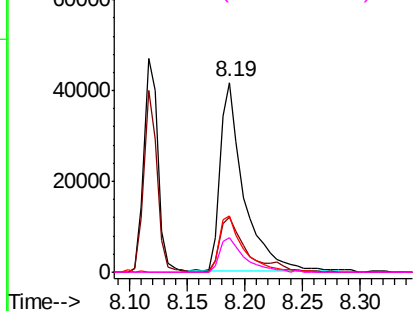
#33
4-Chloroaniline
Concen: 25.209 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSSD

Tgt Ion:	127	Resp:	59233
Ion	Ratio	Lower	Upper
127	100		
129	29.2	26.6	39.8
65	29.7	21.4	32.2
92	18.5	14.2	21.2

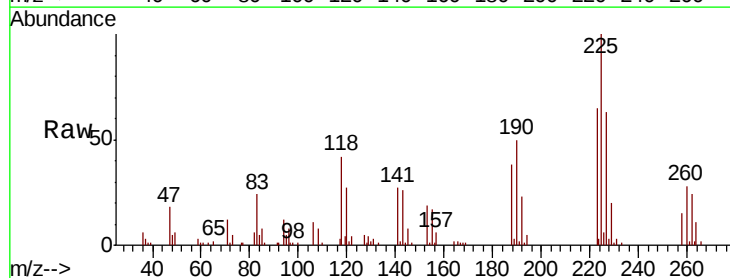


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

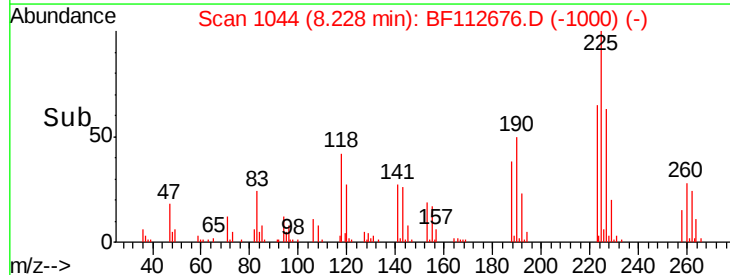
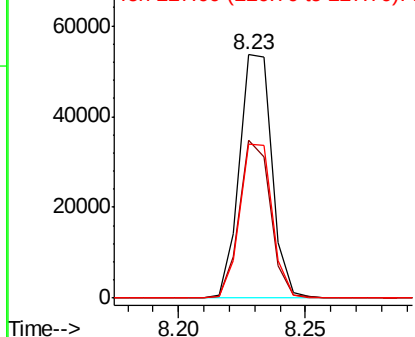


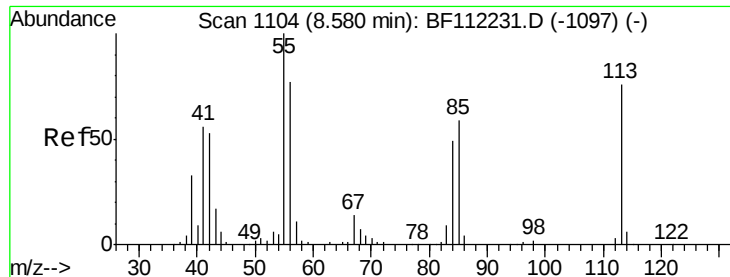
#34
Hexachlorobutadiene
Concen: 43.023 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:	225	Resp:	47825
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.3	75.5
227	63.5	51.8	77.8



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

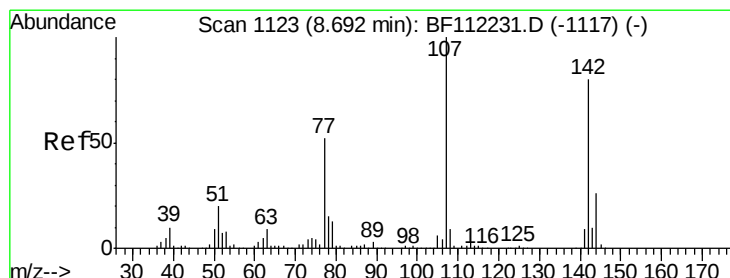
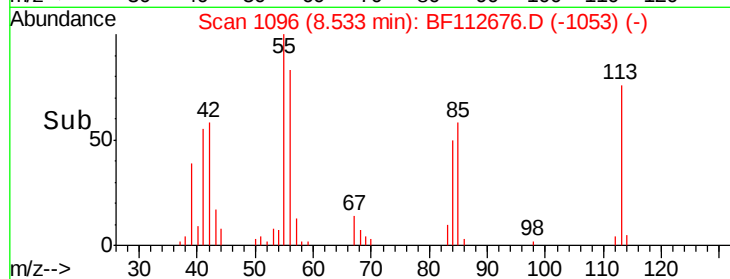
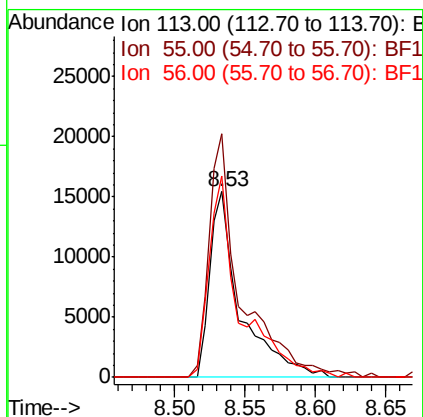
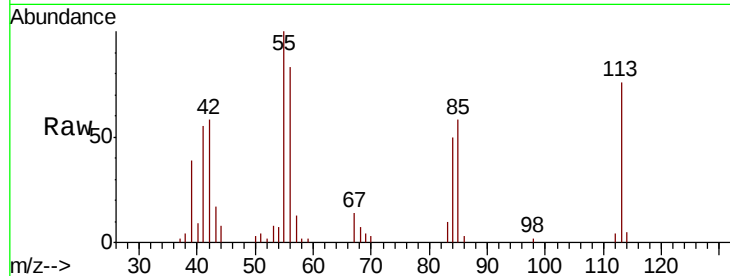




#35
 Caprolactam
 Concen: 39.959 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.05 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

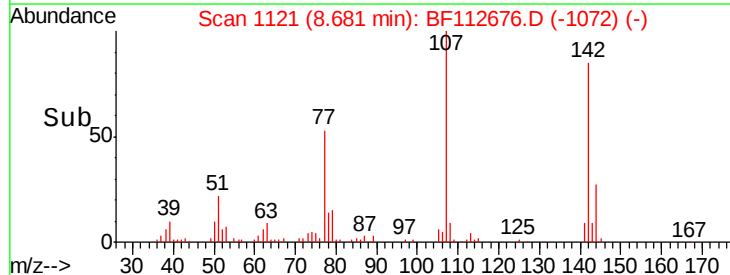
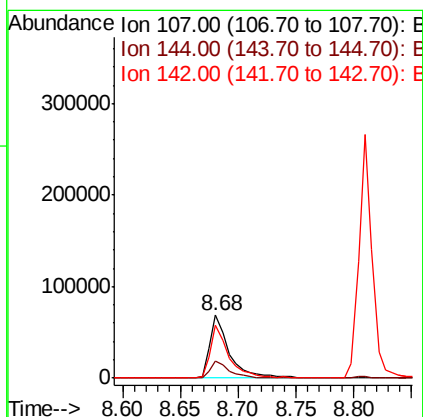
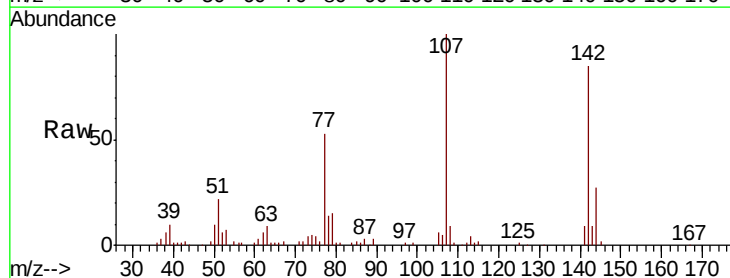
Instrument :
 BNA_F
 ClientSampleId :
 COMPMSSD

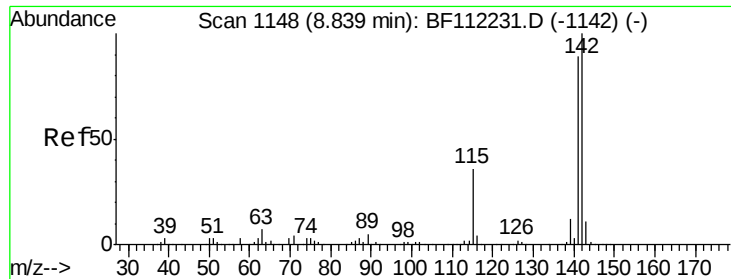
Tgt Ion:113 Resp: 23231
 Ion Ratio Lower Upper
 113 100
 55 131.1 121.6 161.6
 56 108.6 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.132 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion:107 Resp: 80482
 Ion Ratio Lower Upper
 107 100
 144 26.6 22.2 33.2
 142 85.2 67.7 101.5

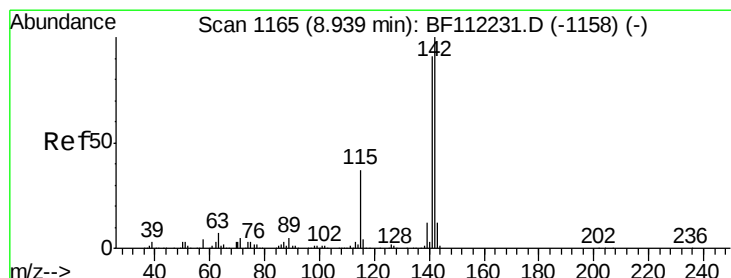
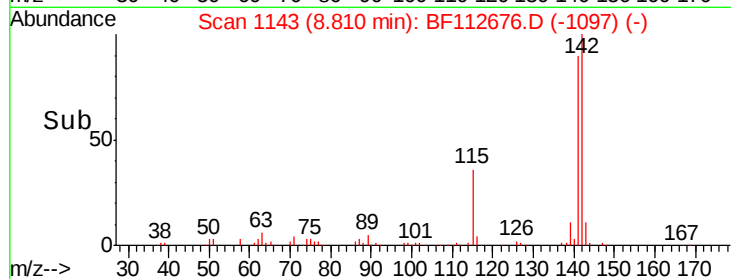
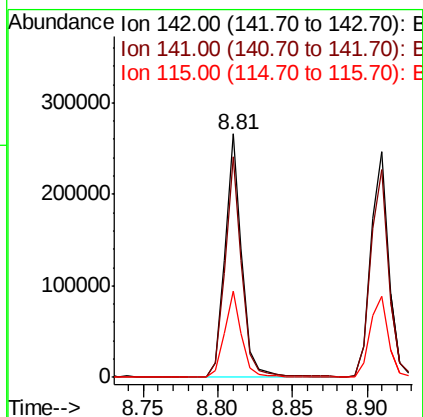
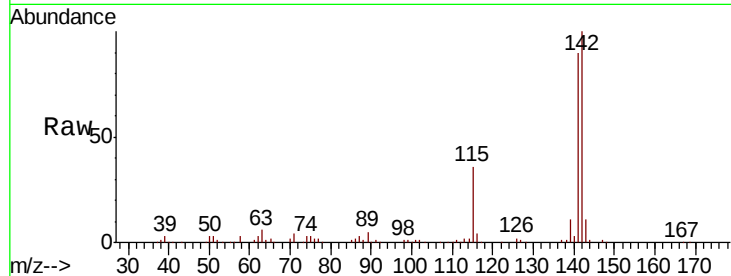




#37
2-Methylnaphthalene
Concen: 58.023 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

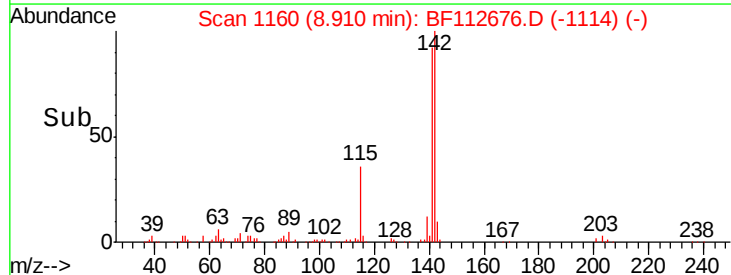
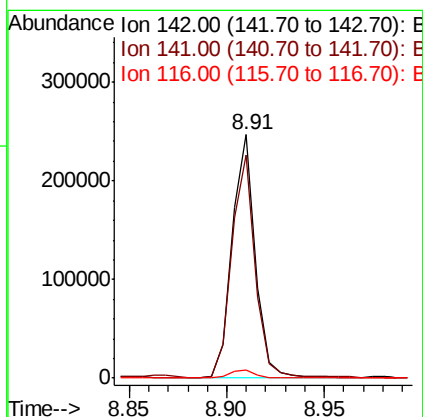
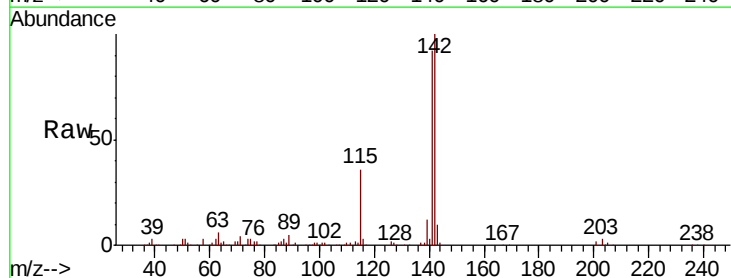
Instrument :
BNA_F
ClientSampleId :
COMPMSSD

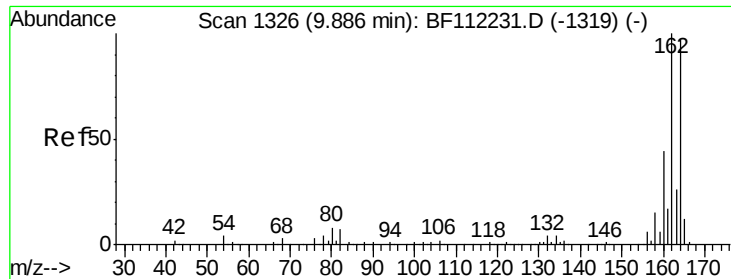
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.9	106.3
115	35.5	24.9	37.3



#38
1-Methylnaphthalene
Concen: 56.755 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	108.8
116	3.4	2.8	4.2

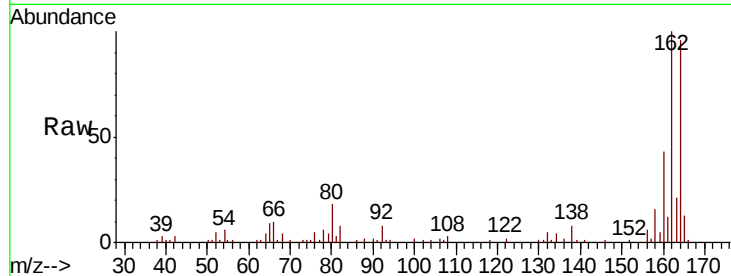




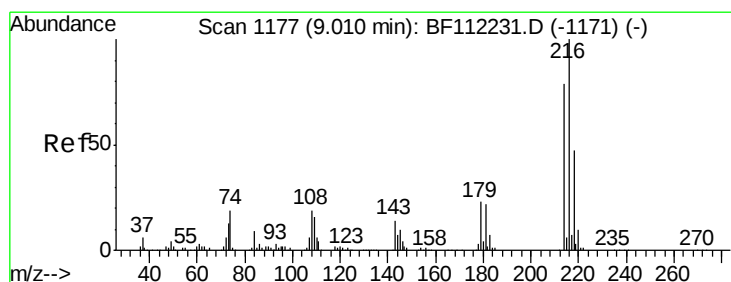
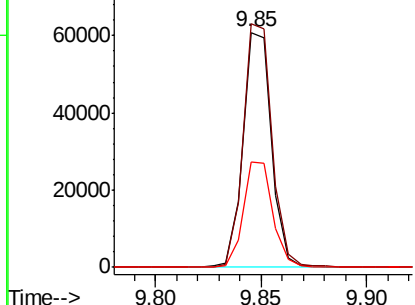
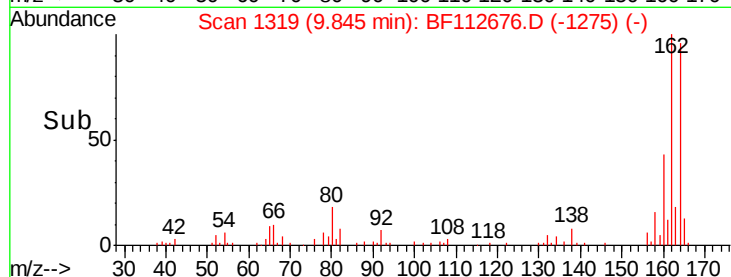
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :
 COMPMSSD

Tgt Ion:164 Resp: 56646
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.4
 160 44.7 36.2 54.4

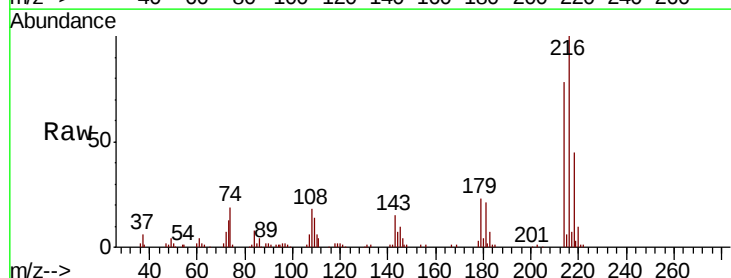


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

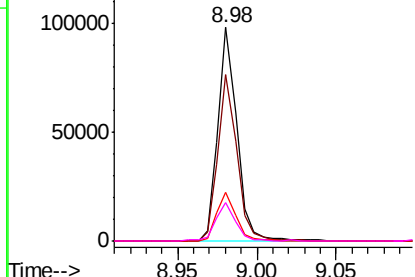
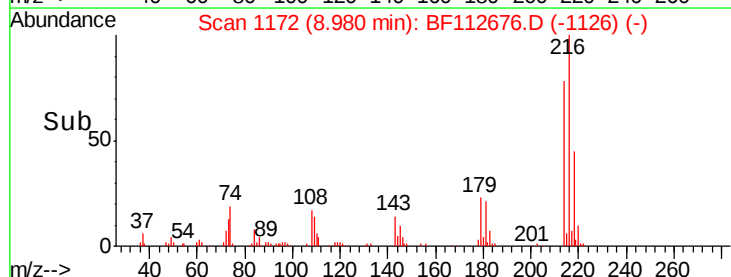


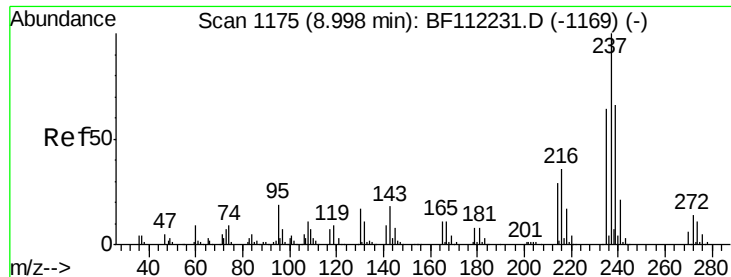
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.138 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion:216 Resp: 82092
 Ion Ratio Lower Upper
 216 100
 214 77.9 63.8 95.6
 179 23.0 16.9 25.3
 108 18.5 14.2 21.4



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: 15.771 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSD

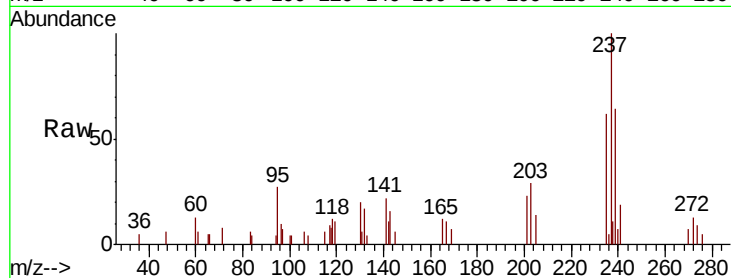
Tgt Ion:237 Resp: 5013

Ion Ratio Lower Upper

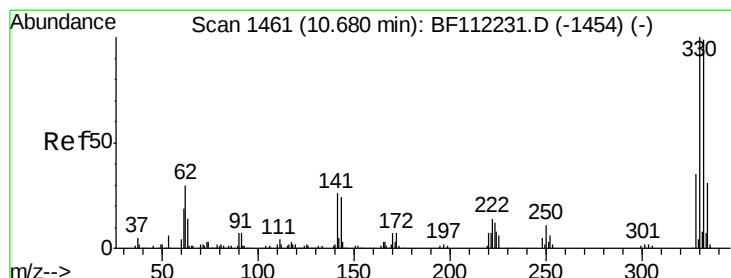
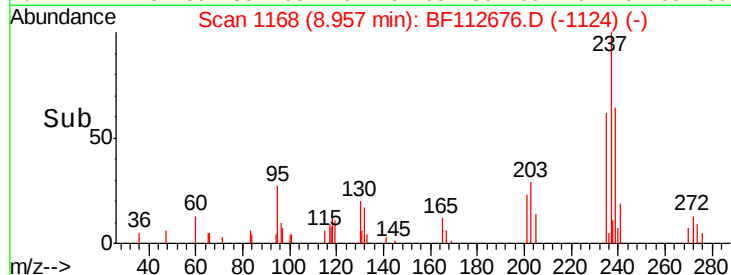
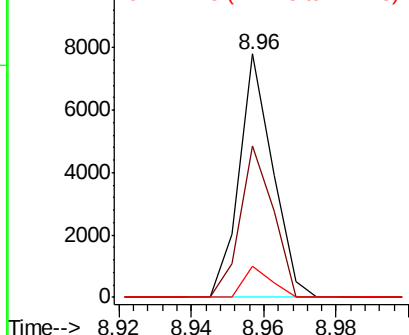
237 100

235 62.0 44.0 84.0

272 12.6 0.0 33.3



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: 139.939 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

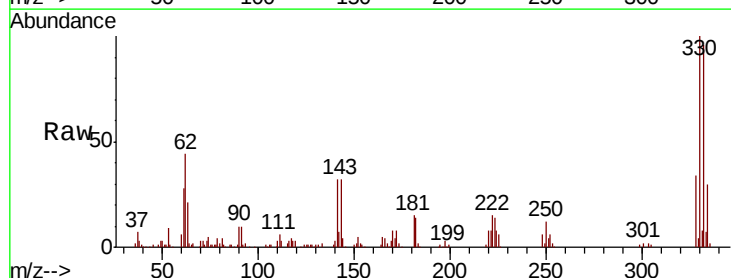
Tgt Ion:330 Resp: 92268

Ion Ratio Lower Upper

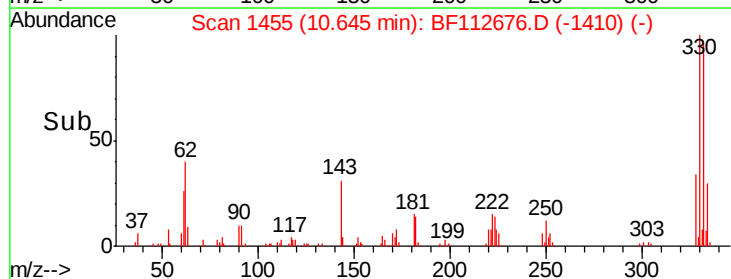
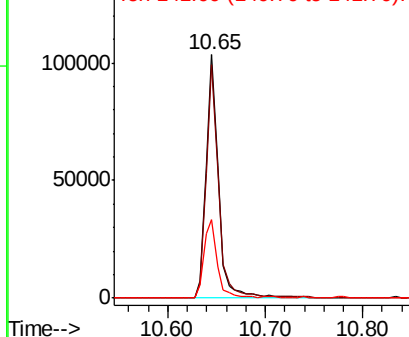
330 100

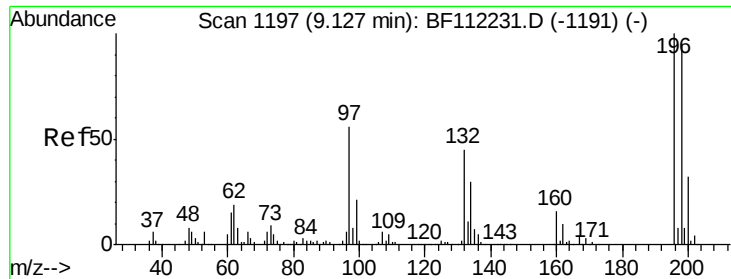
332 95.5 76.6 114.8

141 34.5 24.3 36.5



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

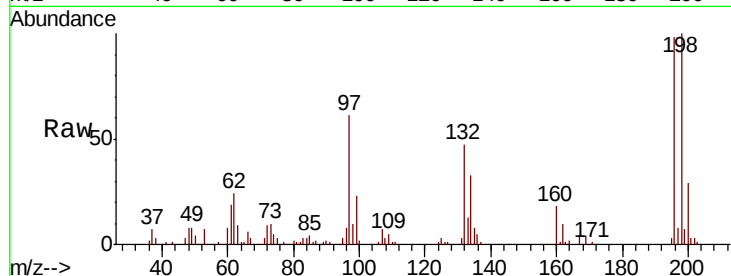




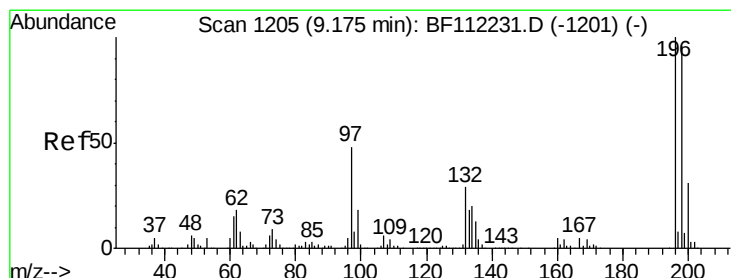
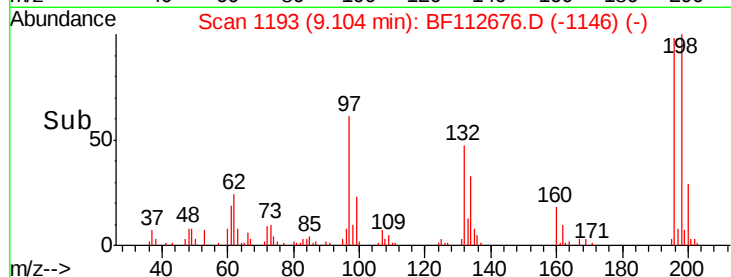
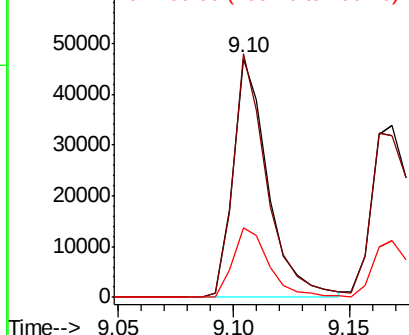
#43
 2,4,6-Trichlorophenol
 Concen: 43.337 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :
 COMPMSSD

Tgt Ion:196 Resp: 49684
 Ion Ratio Lower Upper
 196 100
 198 101.8 76.2 114.4
 200 29.2 24.3 36.5

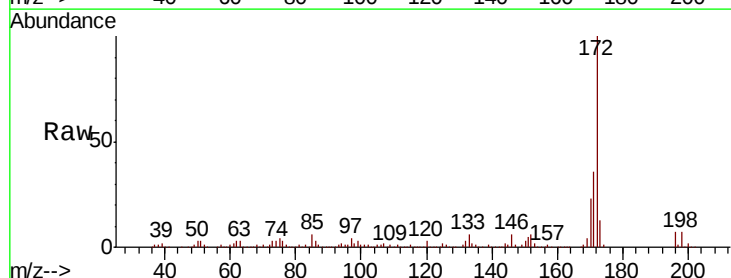


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

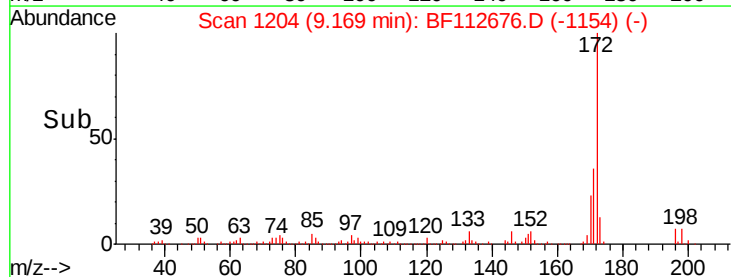
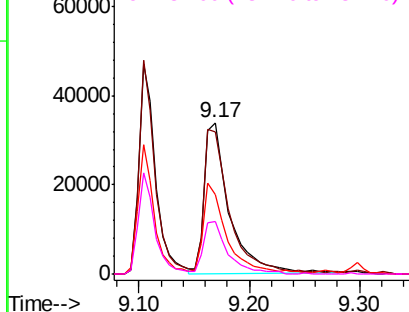


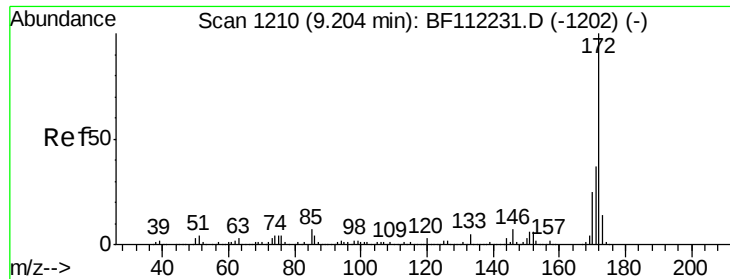
#44
 2,4,5-Trichlorophenol
 Concen: 43.285 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion:196 Resp: 51864
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.0 114.0
 97 52.5 36.4 54.6
 132 34.7 21.5 32.3#



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

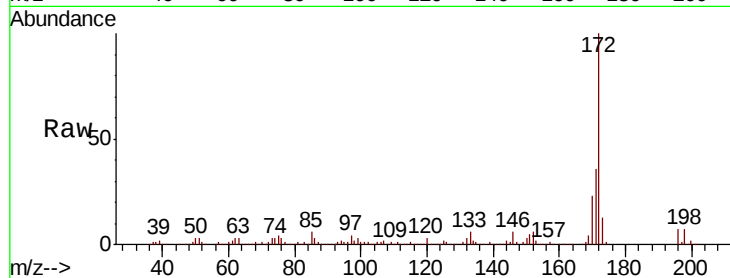




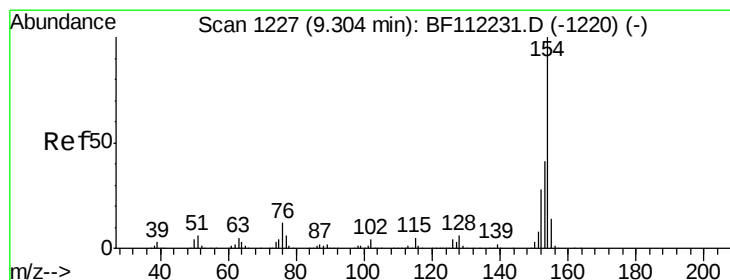
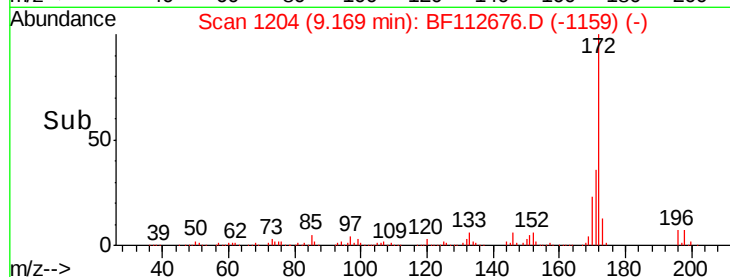
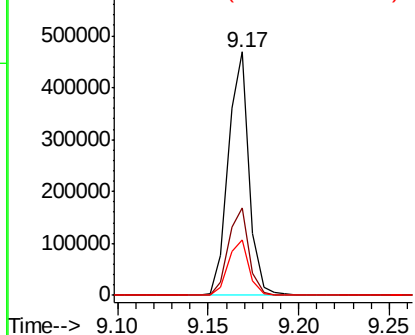
#45
2-Fluorobiphenyl
Concen: 93.487 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSSD

Tgt Ion:172 Resp: 374427
Ion Ratio Lower Upper
172 100
171 35.9 30.5 45.7
170 23.0 20.2 30.4

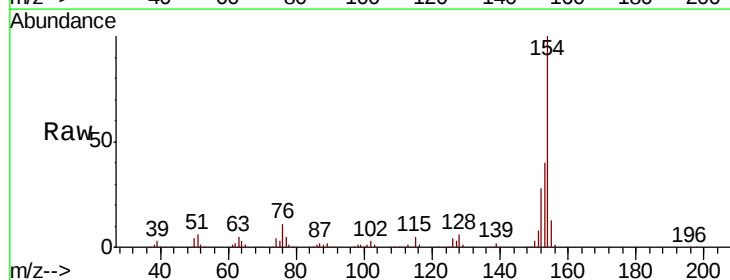


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

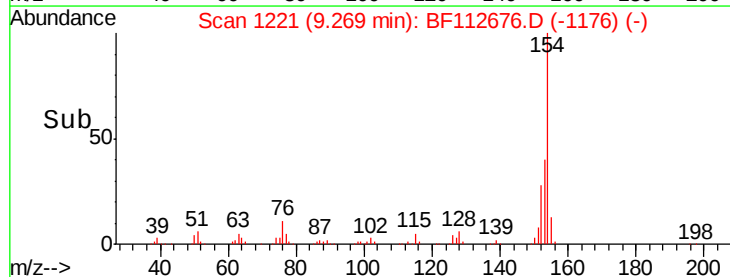
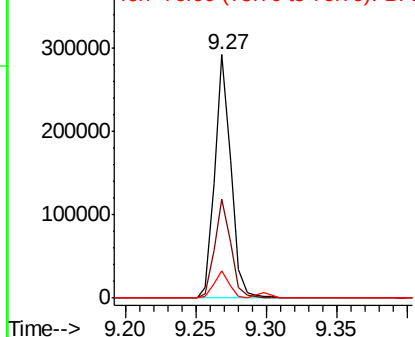


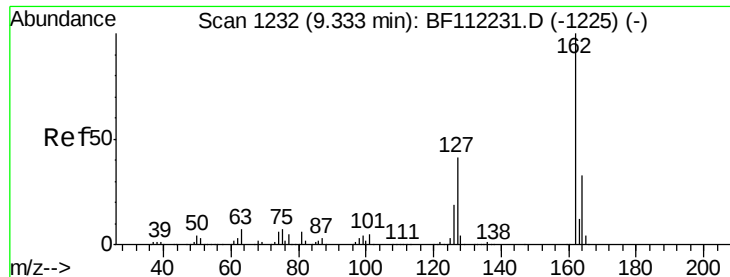
#46
1,1'-Biphenyl
Concen: 46.854 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:154 Resp: 232028
Ion Ratio Lower Upper
154 100
153 40.4 21.5 61.5
76 11.3 0.0 33.1



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

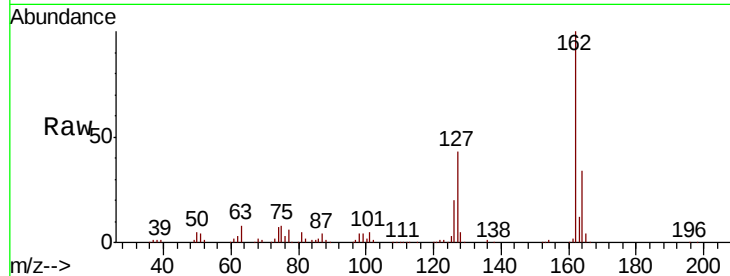




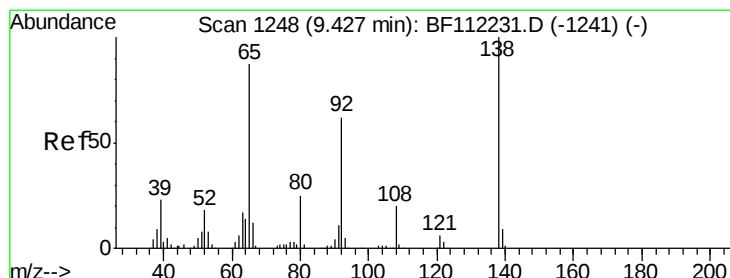
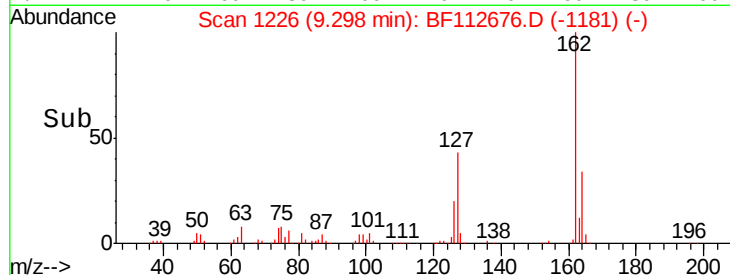
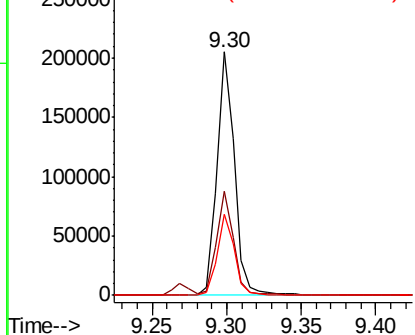
#47
 2-Chloronaphthalene
 Concen: 44.148 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :
 COMPMSSD

Tgt Ion: 162 Resp: 169541
 Ion Ratio Lower Upper
 162 100
 127 42.9 30.4 45.6
 164 33.5 27.4 41.2

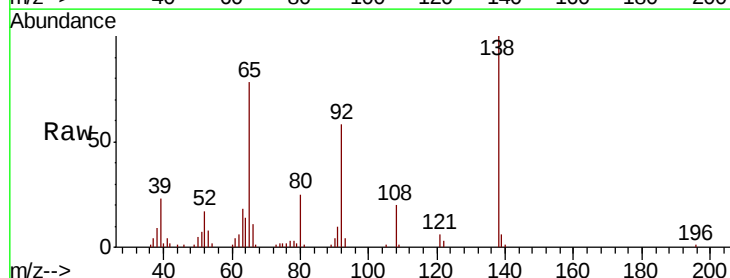


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

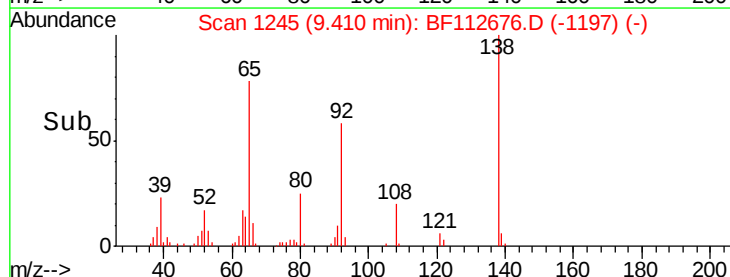
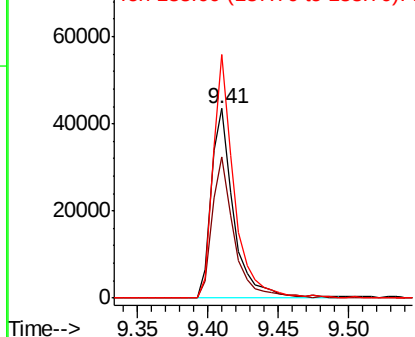


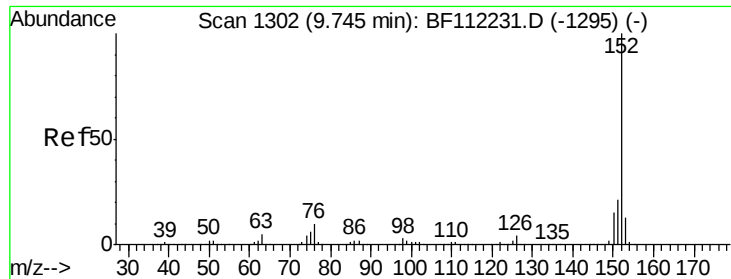
#48
 2-Nitroaniline
 Concen: 45.919 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion: 65 Resp: 48063
 Ion Ratio Lower Upper
 65 100
 92 74.4 60.4 90.6
 138 128.3 104.4 156.6



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: 53.384 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSSD

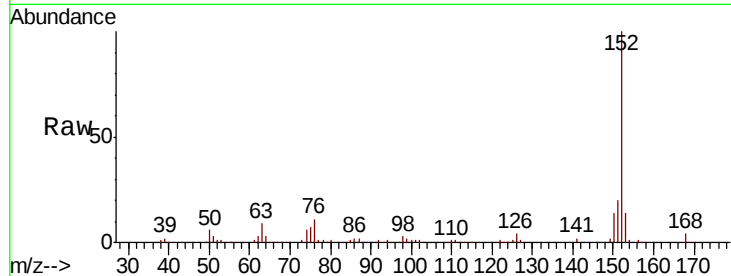
Tgt Ion:152 Resp: 300480

Ion Ratio Lower Upper

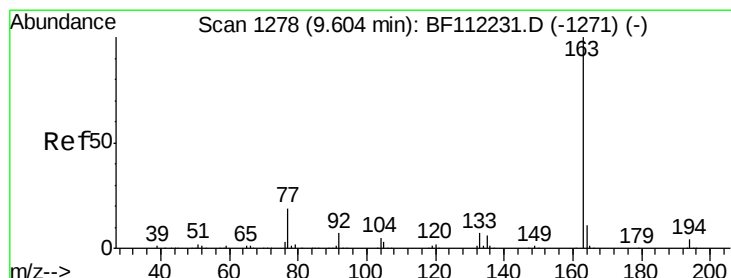
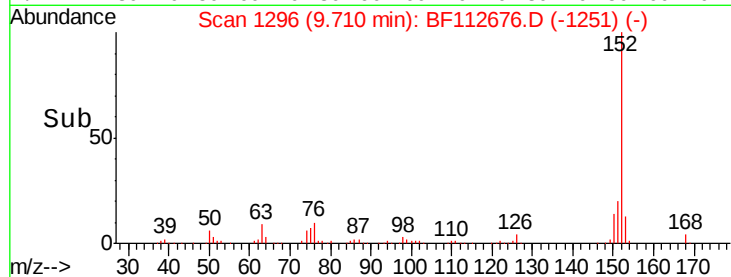
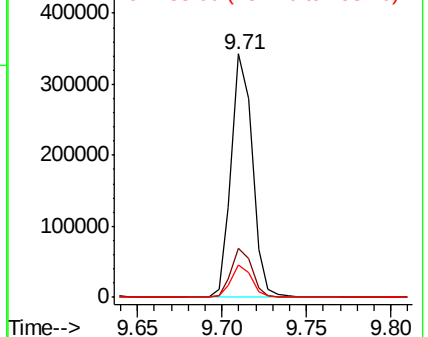
152 100

151 20.1 17.0 25.6

153 13.5 11.2 16.8



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: 50.198 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

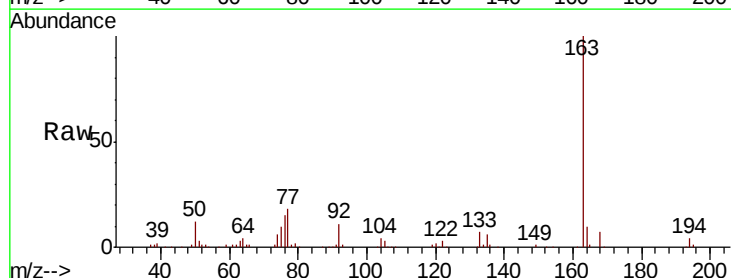
Tgt Ion:163 Resp: 220928

Ion Ratio Lower Upper

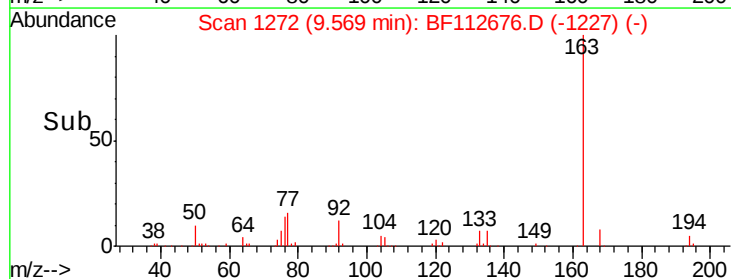
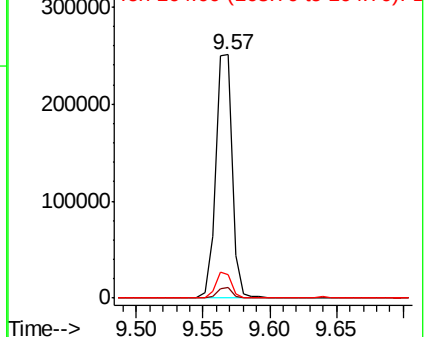
163 100

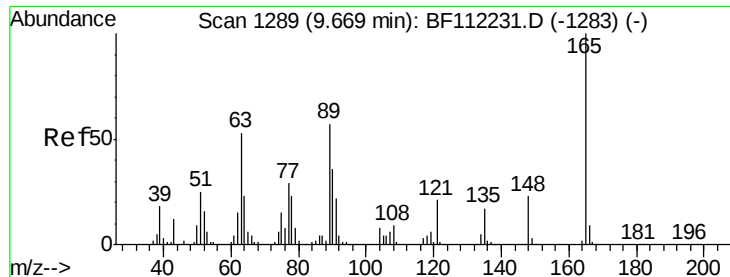
194 4.3 3.3 4.9

164 9.6 8.5 12.7



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: 44.471 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSD

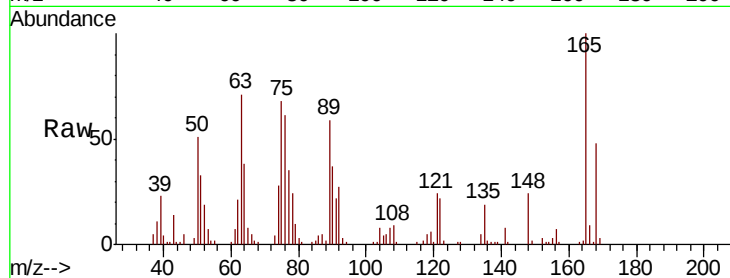
Tgt Ion:165 Resp: 43834

Ion Ratio Lower Upper

165 100

63 71.3 33.8 50.8#

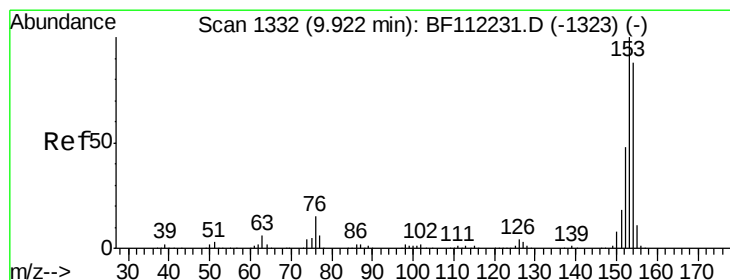
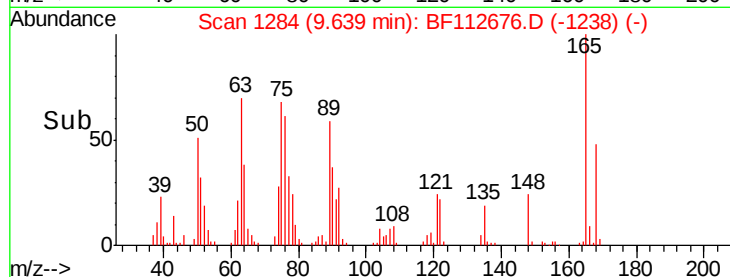
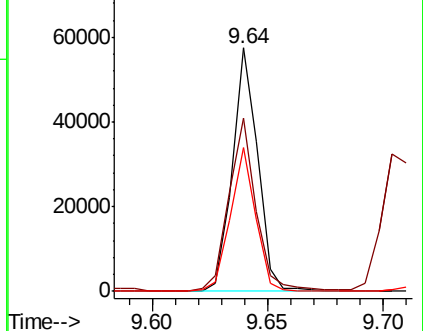
89 59.3 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 66.675 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

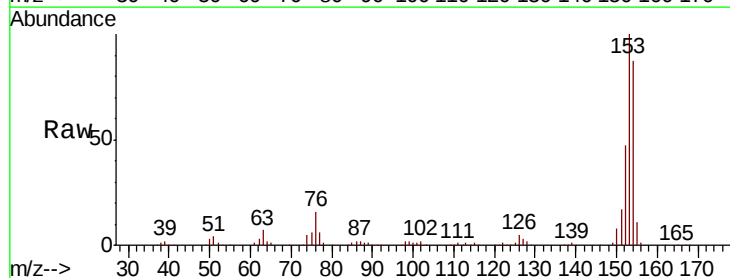
Tgt Ion:154 Resp: 224190

Ion Ratio Lower Upper

154 100

153 114.7 89.8 134.6

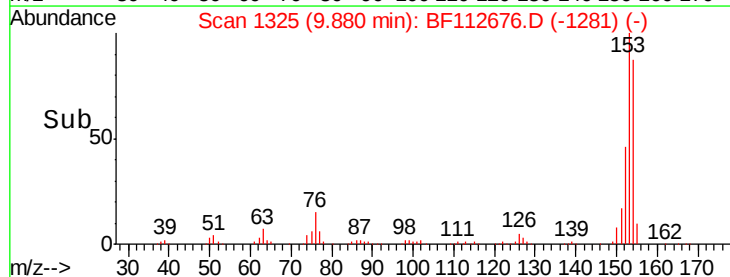
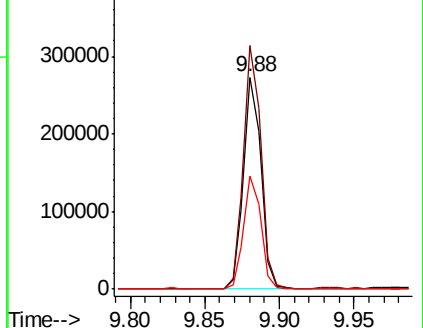
152 53.5 43.5 65.3

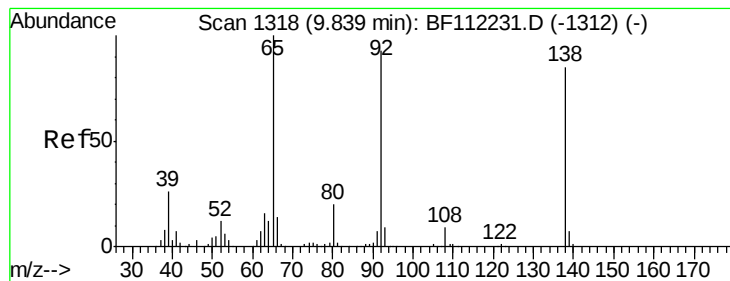


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 37.005 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSD

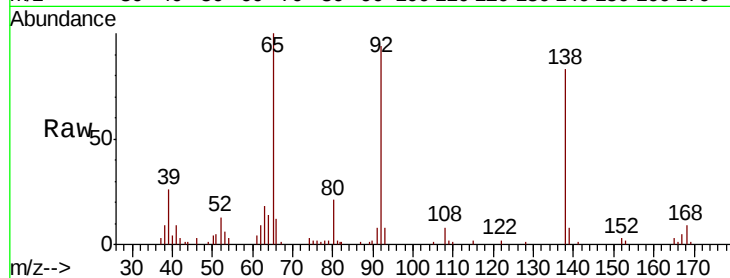
Tgt Ion:138 Resp: 39516

Ion Ratio Lower Upper

138 100

108 9.7 9.8 14.6#

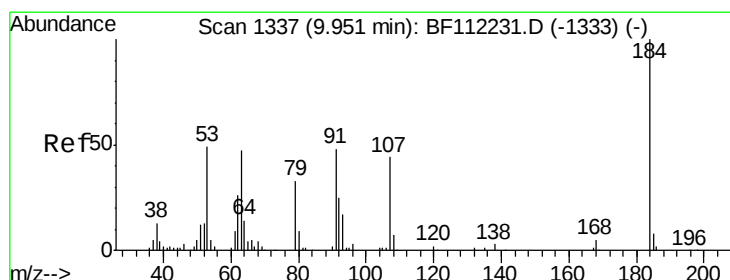
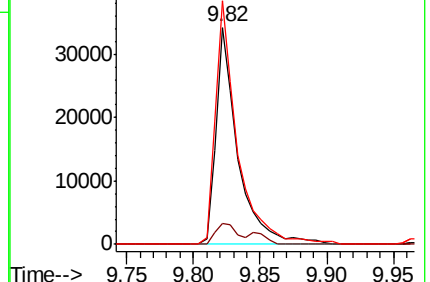
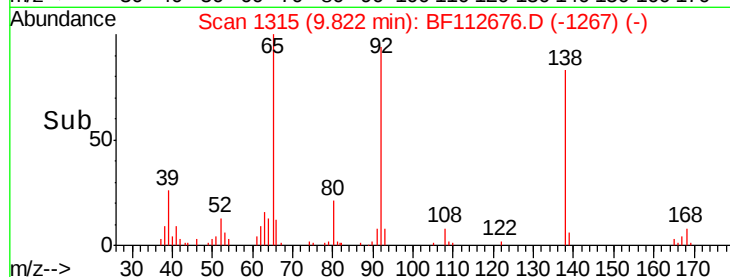
92 112.3 79.4 119.2



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: 22.676 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

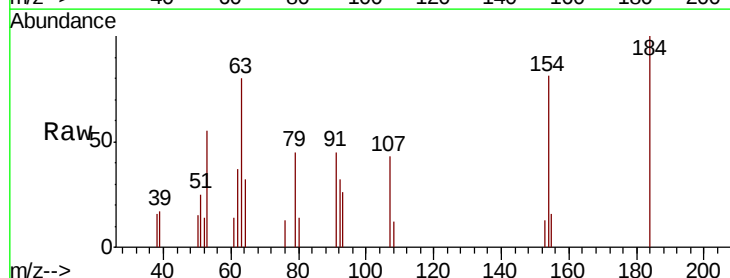
Tgt Ion:184 Resp: 7173

Ion Ratio Lower Upper

184 100

63 80.2 47.1 70.7#

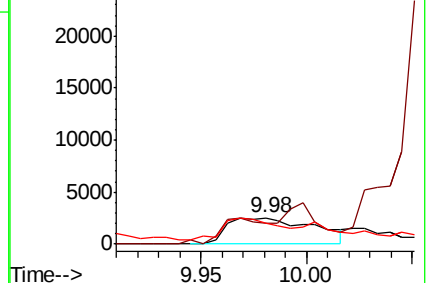
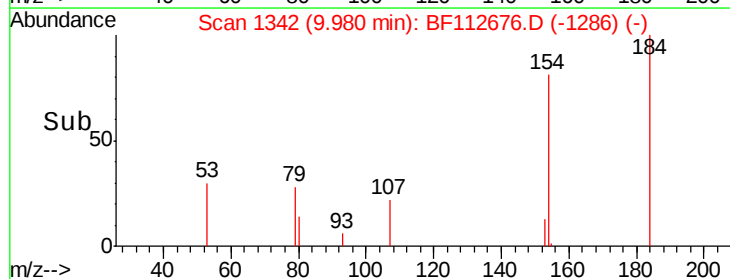
154 80.8 48.9 73.3#

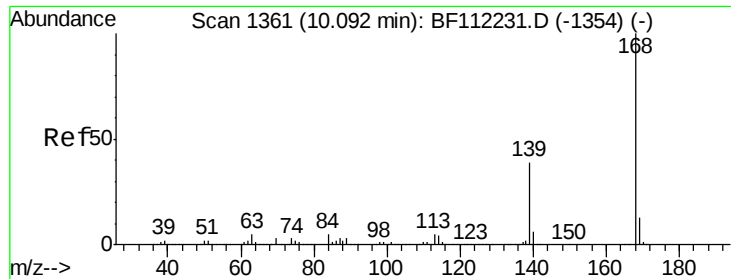


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

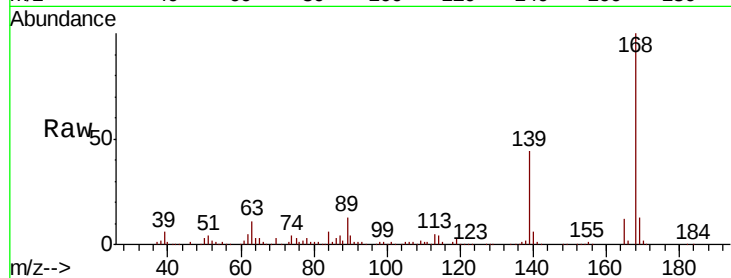




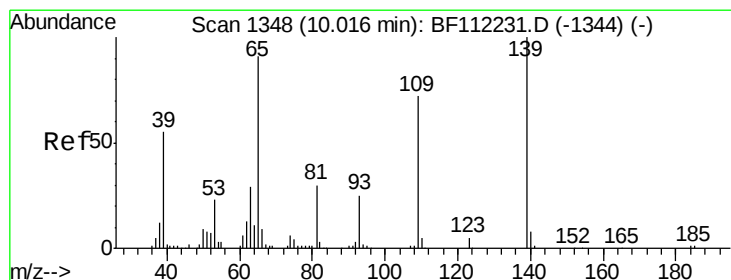
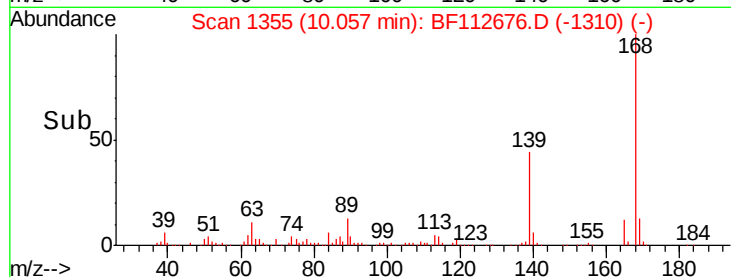
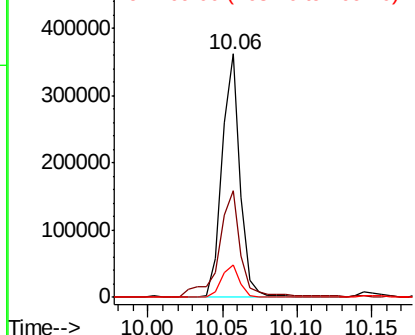
#55
Dibenzofuran
Concen: 60.243 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSSD

Tgt Ion:168 Resp: 309547
Ion Ratio Lower Upper
168 100
139 43.7 29.2 43.8
169 13.1 11.4 17.0

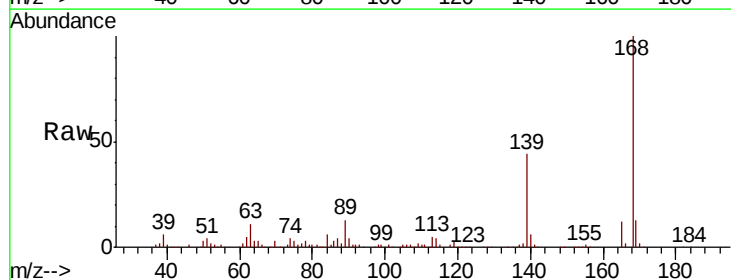


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

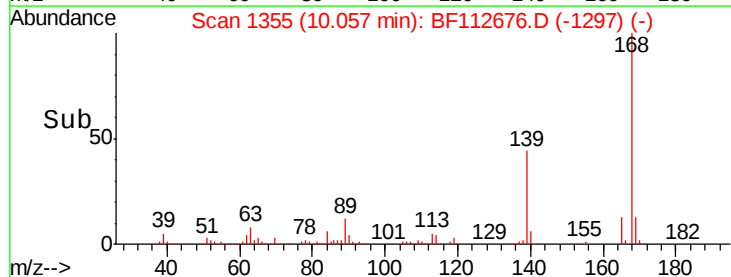
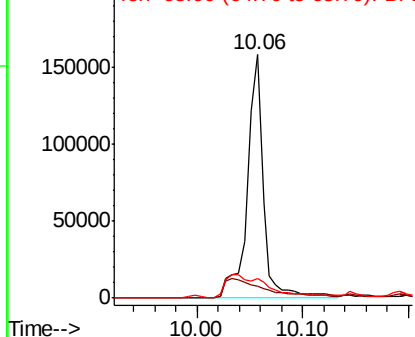


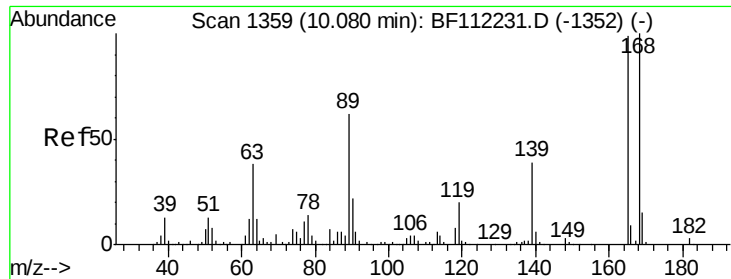
#56
4-Nitrophenol
Concen: 299.119 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:139 Resp: 168873
Ion Ratio Lower Upper
139 100
109 5.1 42.8 82.8#
65 7.8 66.1 106.1#



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

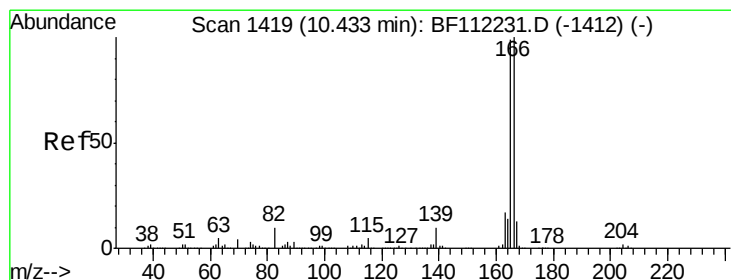
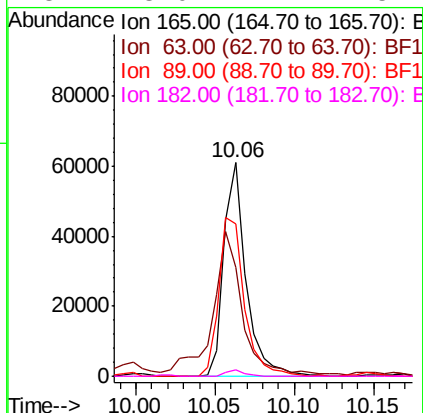
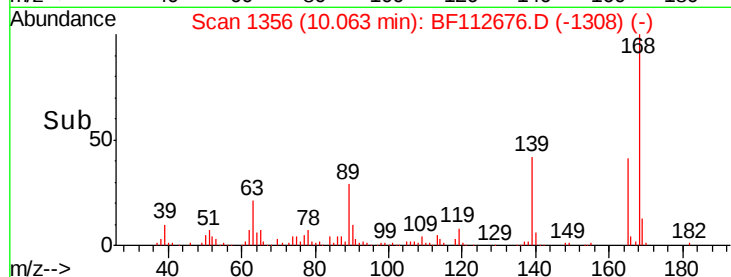
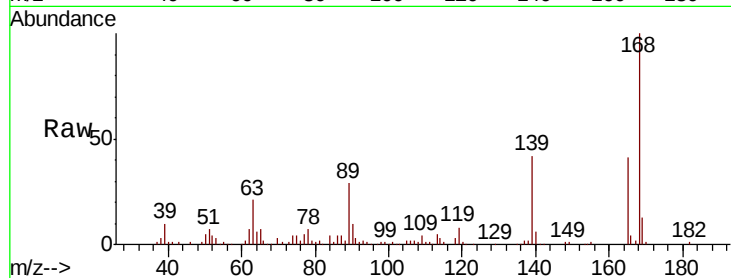




#57
2,4-Dinitrotoluene
Concen: 47.298 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

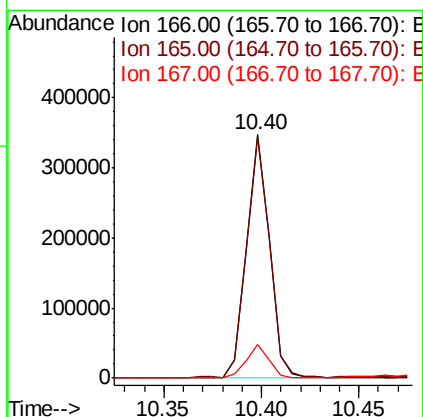
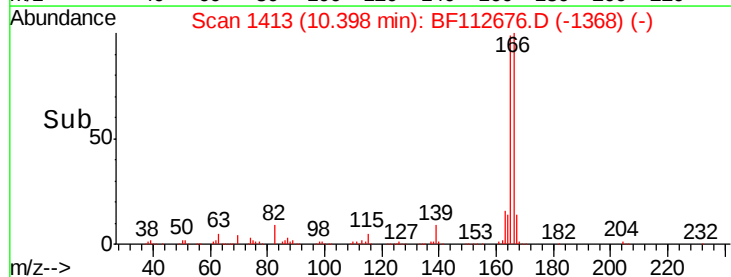
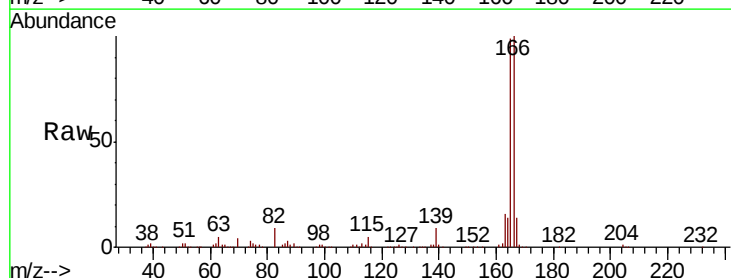
Instrument :
BNA_F
ClientSampleId :
COMPMSD

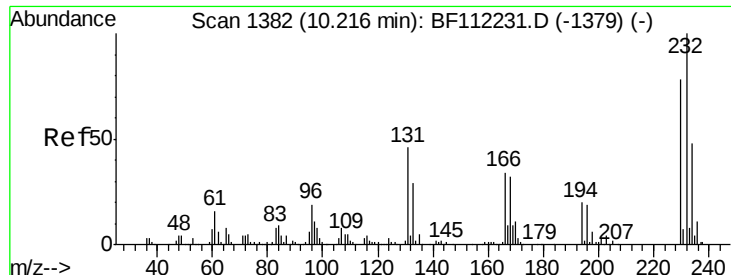
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	27.9	41.9
89	71.1	47.9	71.9
182	3.0	2.2	3.4



#58
Fluorene
Concen: 73.647 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.1	115.7
167	13.6	11.3	16.9

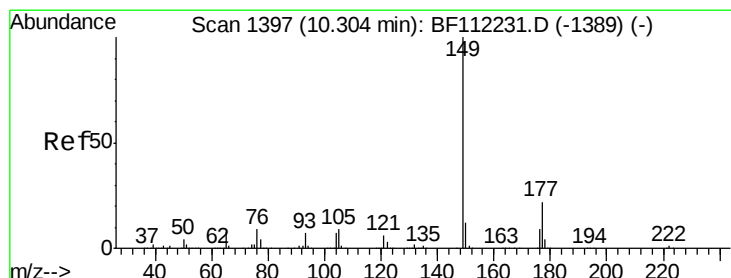
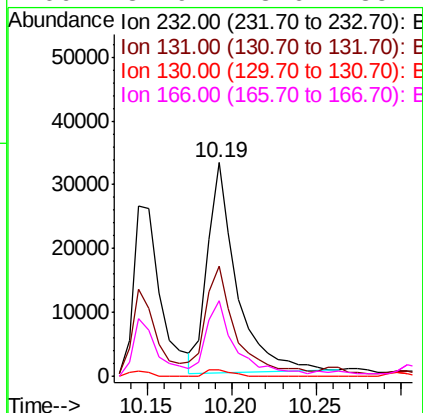
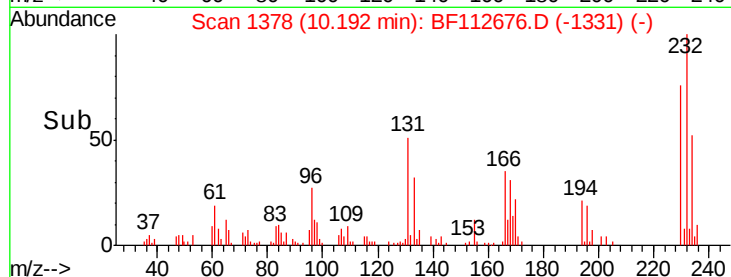
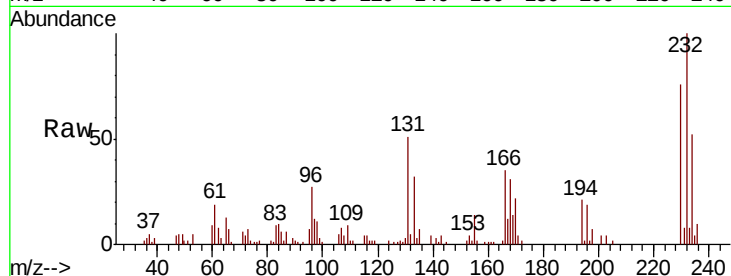




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.589 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

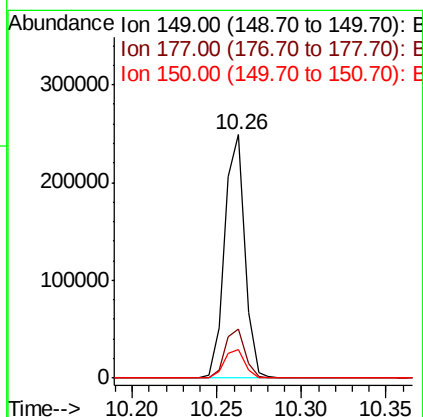
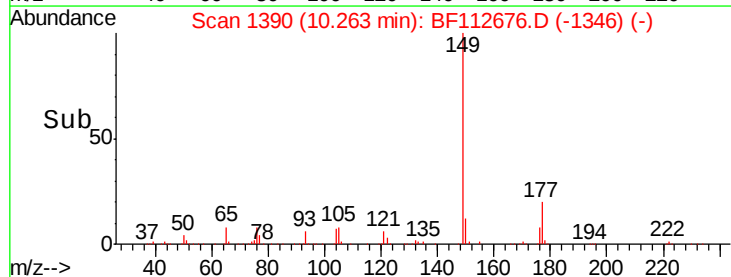
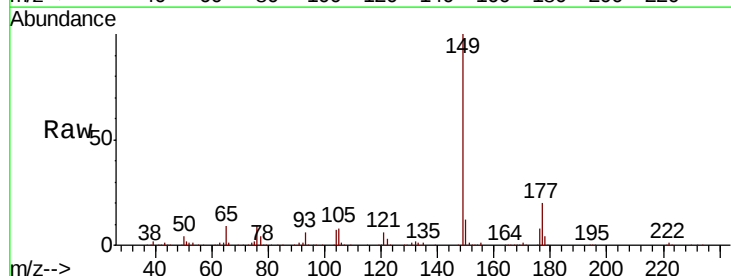
Instrument :
 BNA_F
 ClientSampleId :
 COMPMSD

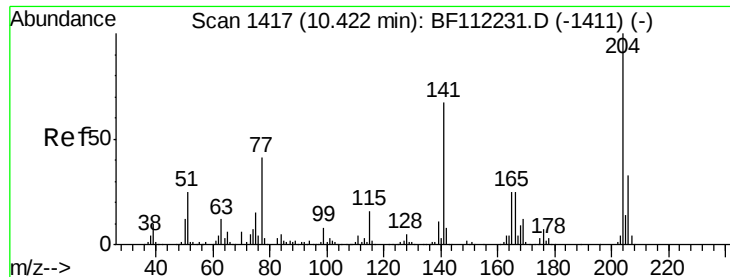
Tgt Ion:232 Resp: 39469
 Ion Ratio Lower Upper
 232 100
 131 57.5 33.9 50.9#
 130 2.7 1.8 2.6#
 166 31.9 23.6 35.4



#60
 Diethylphthalate
 Concen: 47.280 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion:149 Resp: 206500
 Ion Ratio Lower Upper
 149 100
 177 20.1 18.2 27.2
 150 12.0 10.4 15.6

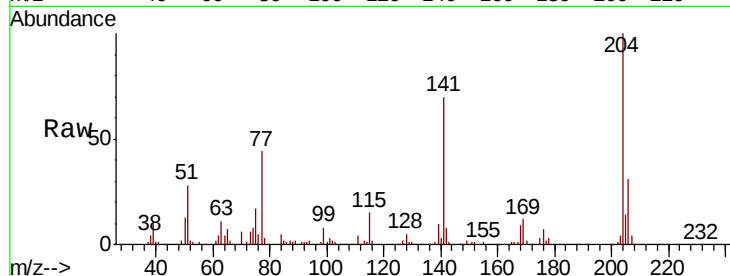




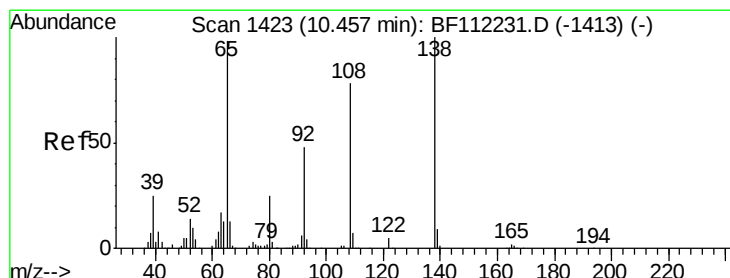
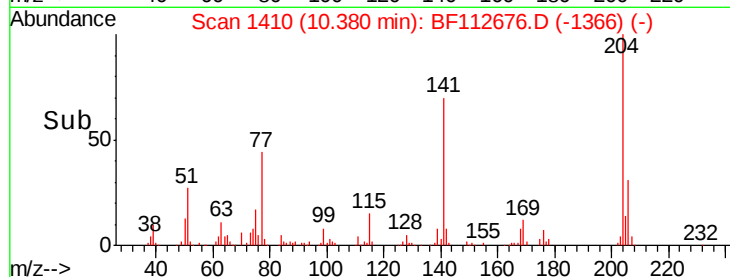
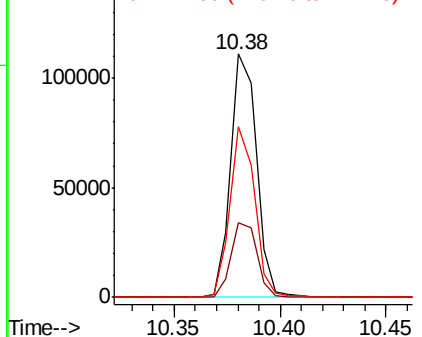
#61
4-Chlorophenyl-phenylether
Concen: 44.780 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tgt Ion:204 Resp: 93665
Ion Ratio Lower Upper
204 100
206 30.9 26.5 39.7
141 70.3 45.9 68.9#

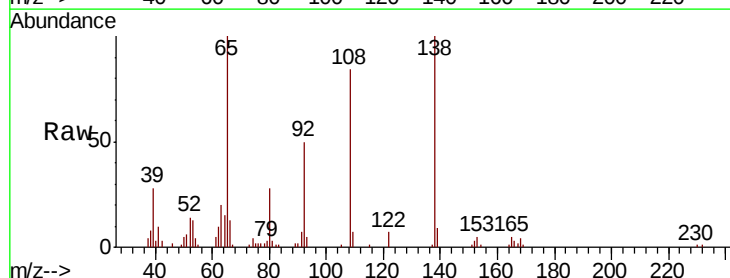


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

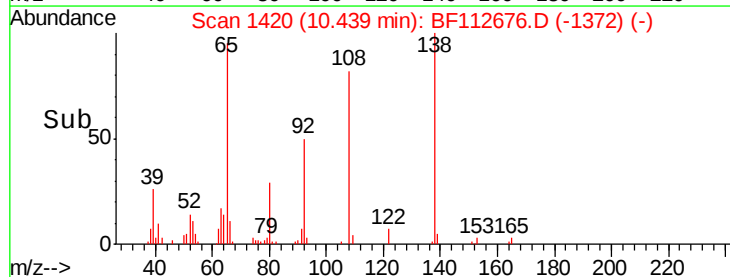
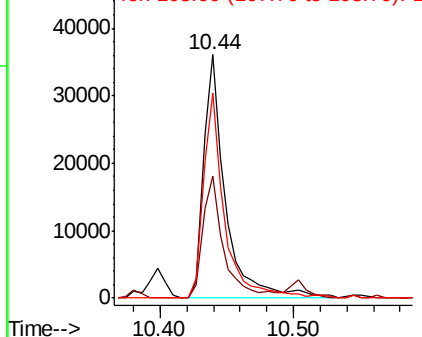


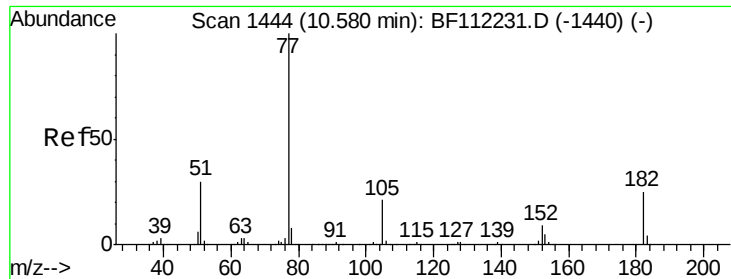
#62
4-Nitroaniline
Concen: 39.043 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:138 Resp: 40894
Ion Ratio Lower Upper
138 100
92 50.2 30.6 70.6
108 84.3 50.0 90.0



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

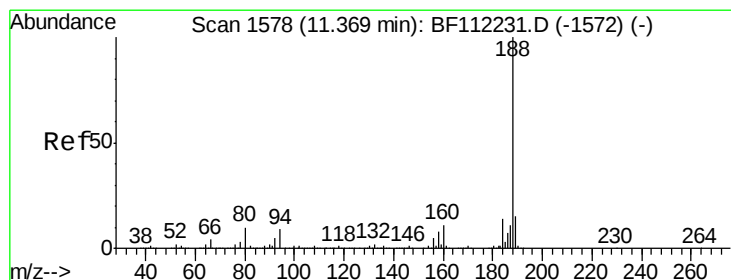
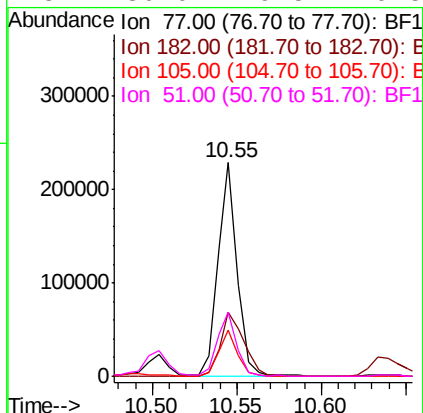
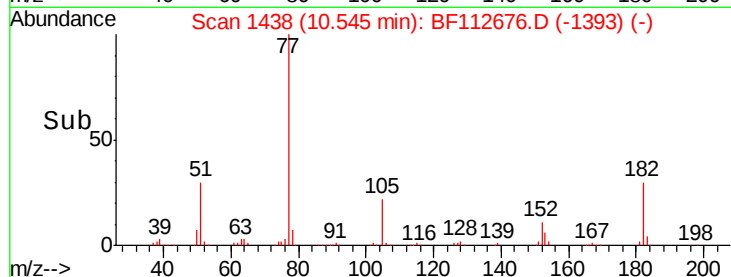
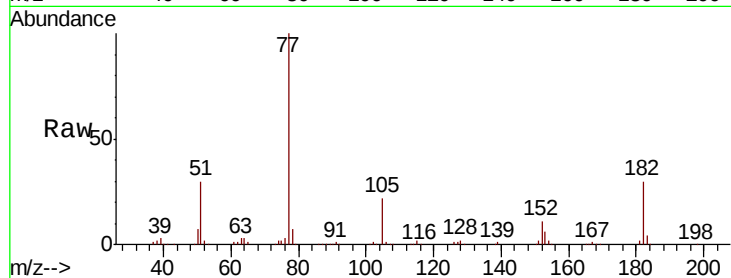




#63
Azobenzene
Concen: 47.178 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

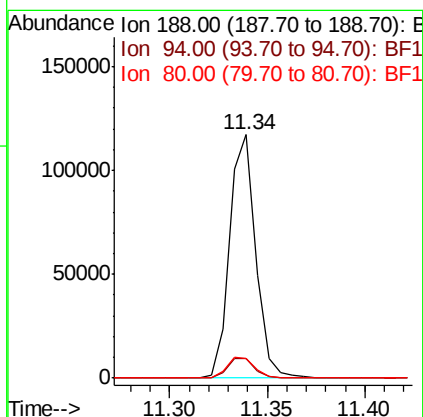
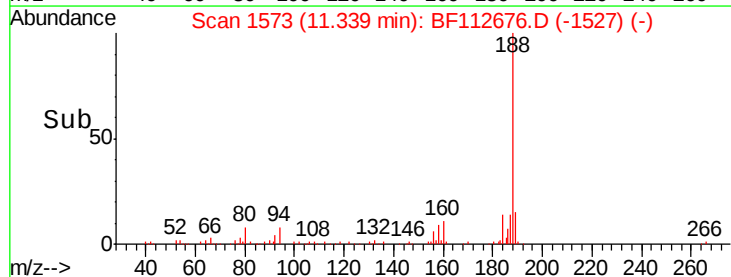
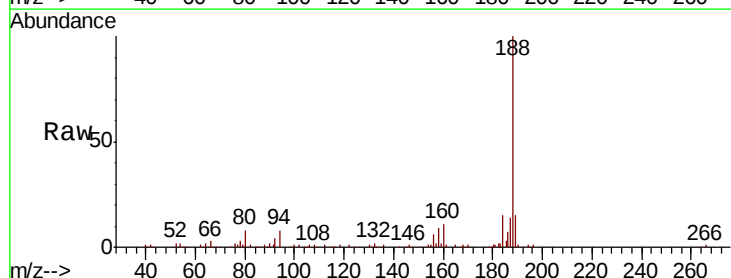
Instrument :
BNA_F
ClientSampleId :
COMPMSSD

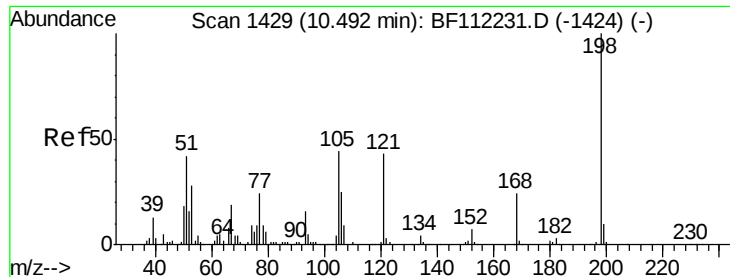
Tgt Ion: 77 Resp: 181220
Ion Ratio Lower Upper
77 100
182 30.1 5.7 45.7
105 21.6 1.4 41.4
51 30.0 9.5 49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion: 188 Resp: 108317
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 7.9 8.9 13.3#

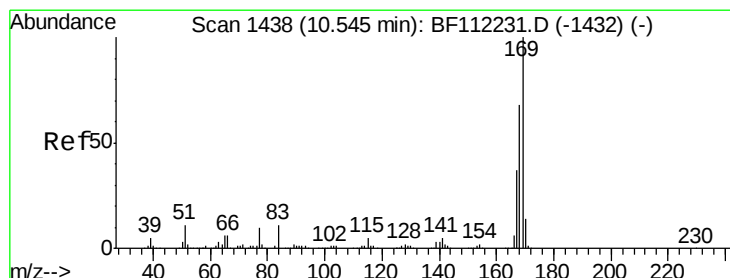
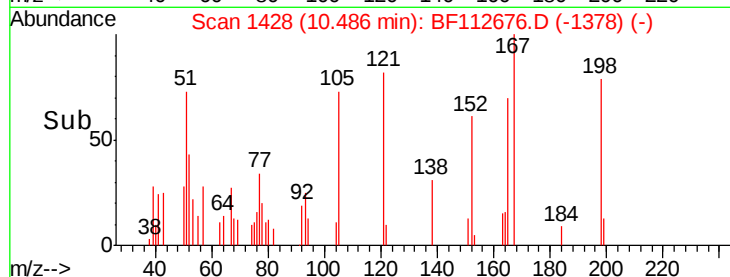
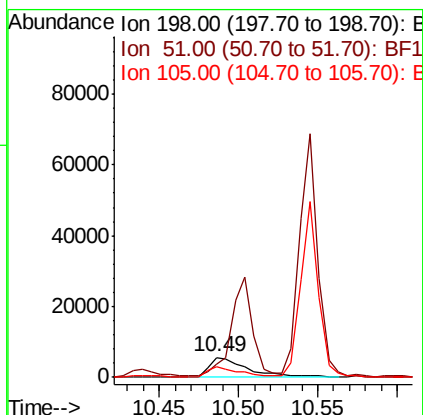
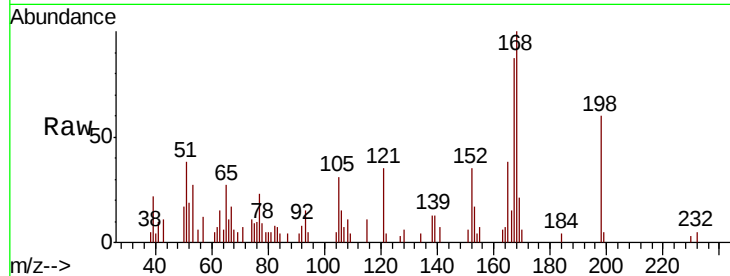




#65
 4,6-Dinitro-2-methylphenol
 Concen: 15.434 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

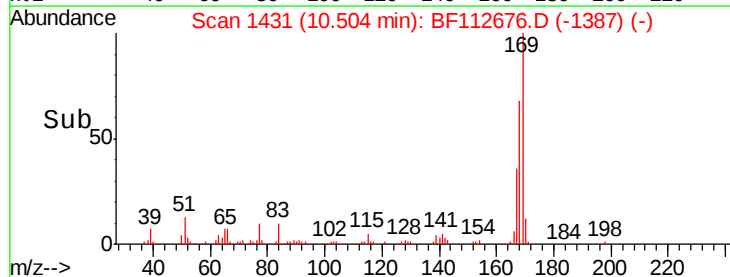
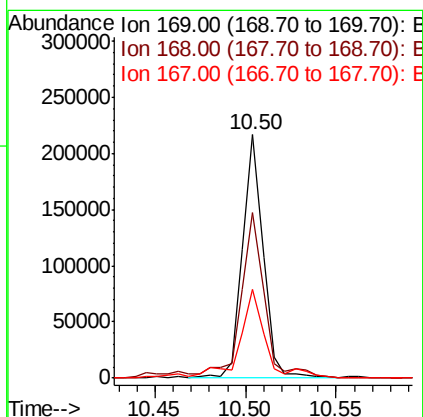
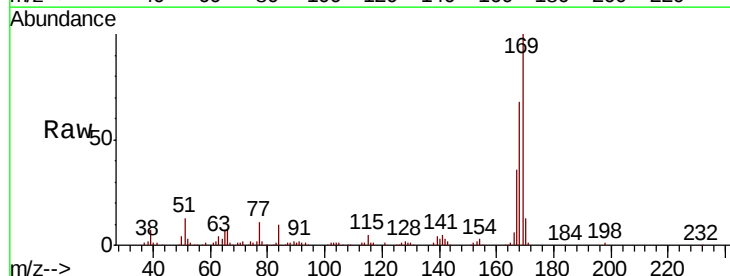
Instrument :
 BNA_F
 ClientSampleId :
 COMPMDS

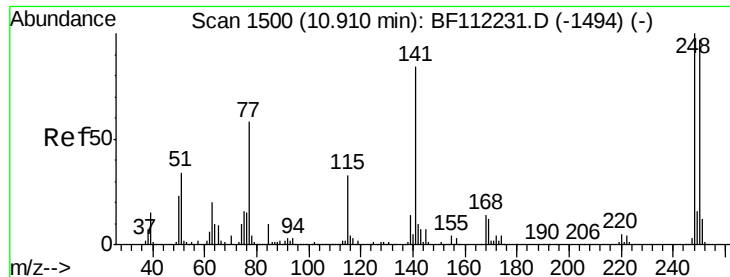
Tgt Ion:198 Resp: 9373
 Ion Ratio Lower Upper
 198 100
 51 63.1 17.2 57.2#
 105 52.4 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 46.619 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion:169 Resp: 170186
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.9 80.9
 167 36.3 28.9 43.3

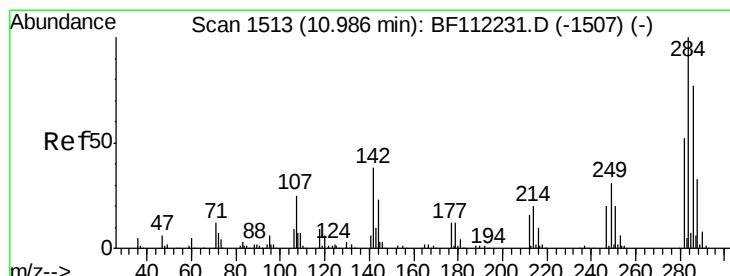
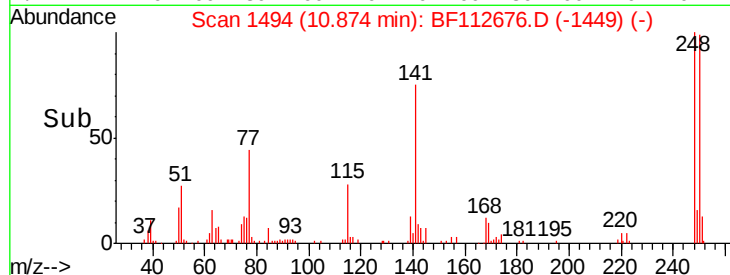
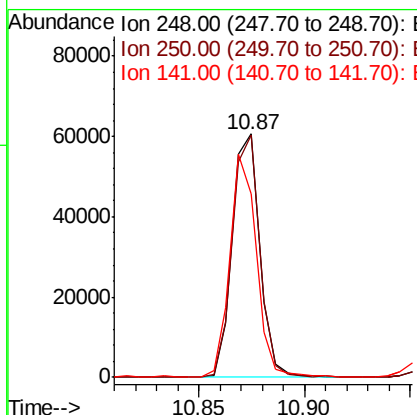
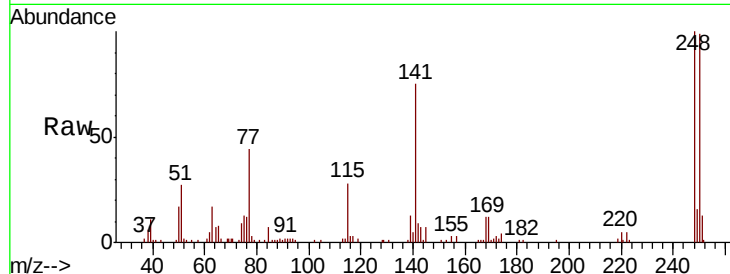




#67
 4-Bromophenyl-phenylether
 Concen: 42.682 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

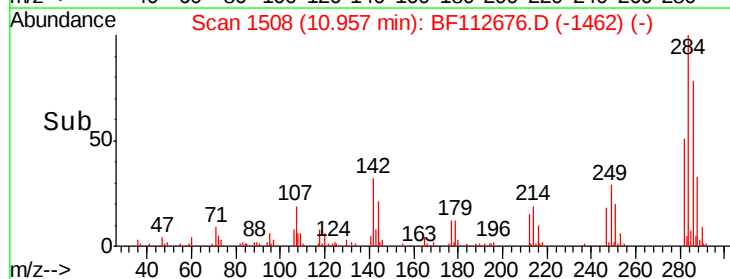
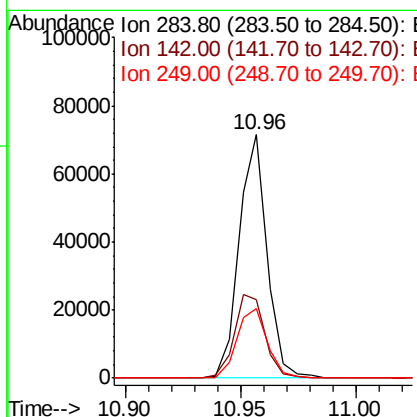
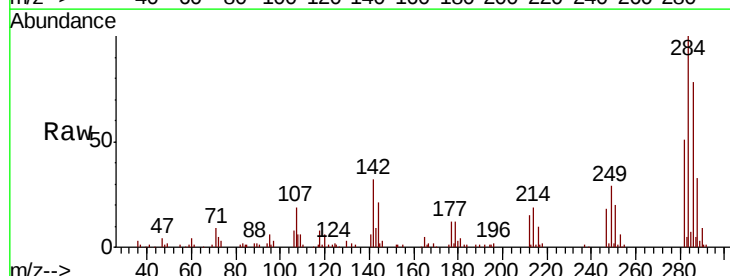
Instrument :
 BNA_F
 ClientSampleId :
 COMPMSSD

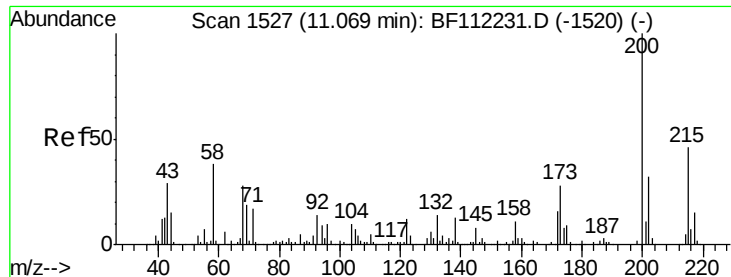
Tgt Ion:	248	Resp:	54376
Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.7	119.5
141	75.5	60.3	90.5



#68
 Hexachlorobenzene
 Concen: 44.183 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion:	284	Resp:	60390
Ion	Ratio	Lower	Upper
284	100		
142	32.4	27.6	41.4
249	28.8	24.1	36.1

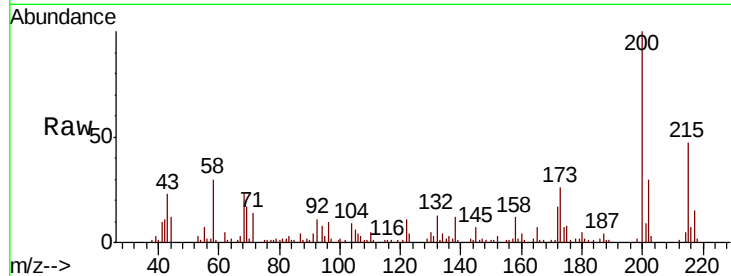




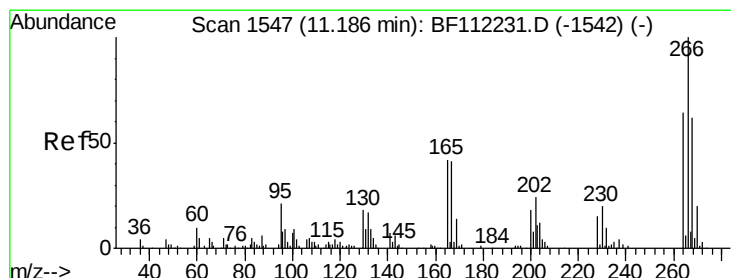
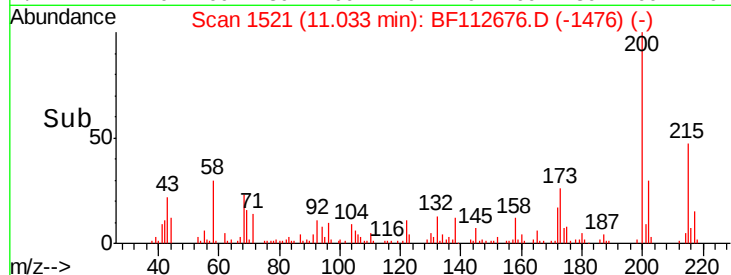
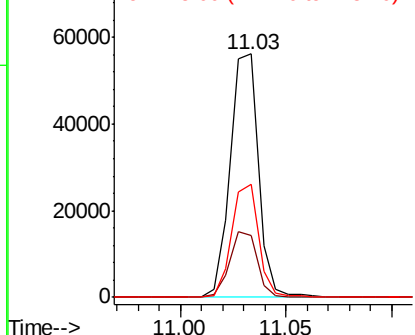
#69
Atrazine
Concen: 43.817 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tgt Ion:200 Resp: 51614
Ion Ratio Lower Upper
200 100
173 25.5 7.1 47.1
215 46.6 30.4 70.4

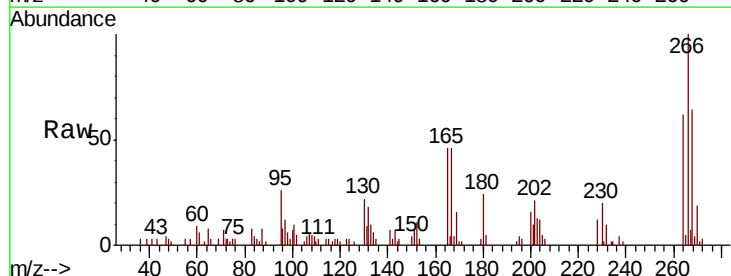


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

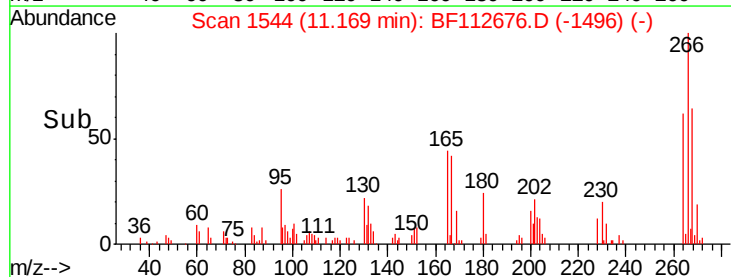
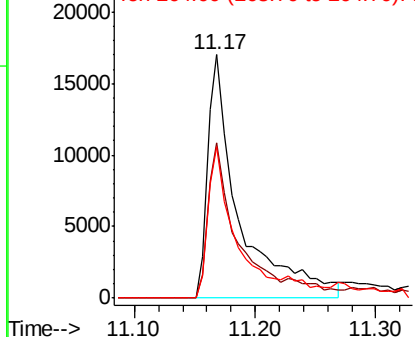


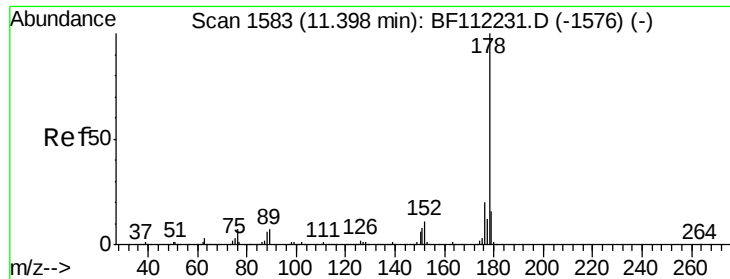
#70
Pentachlorophenol
Concen: 57.834 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:266 Resp: 30758
Ion Ratio Lower Upper
266 100
268 63.6 51.2 76.8
264 62.3 50.9 76.3



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

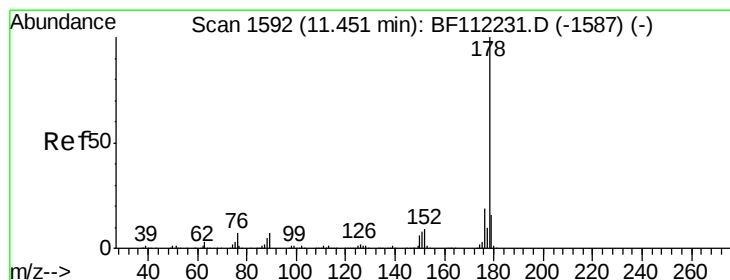
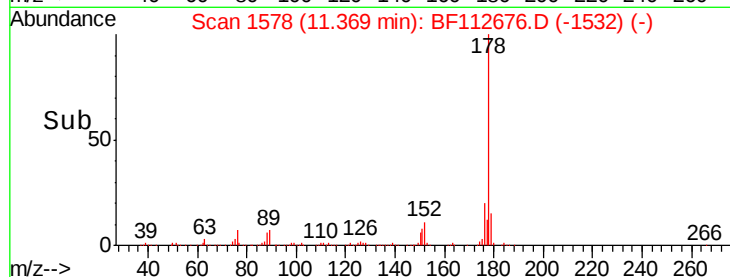
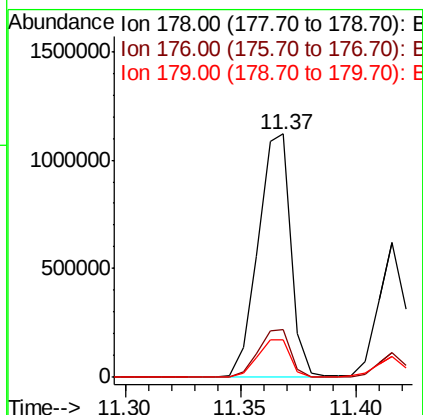
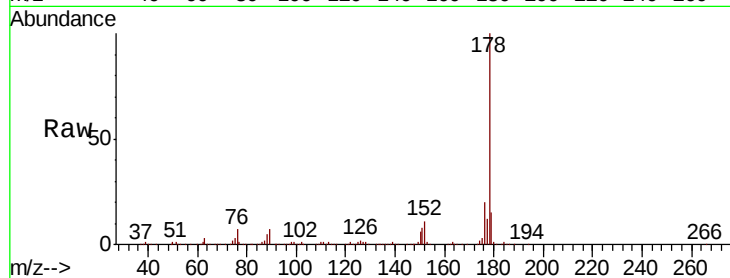




#71
Phenanthrene
Concen: 197.151 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

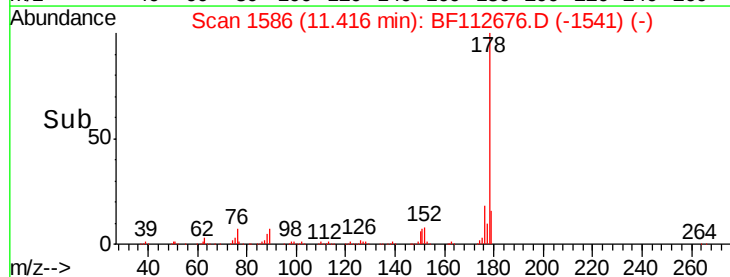
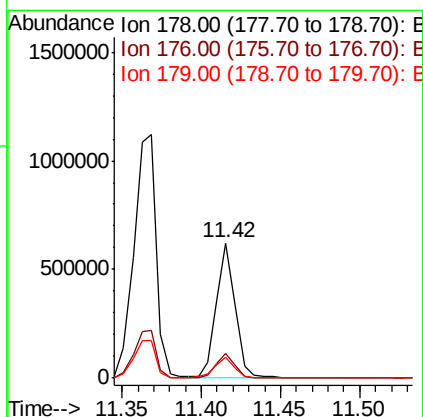
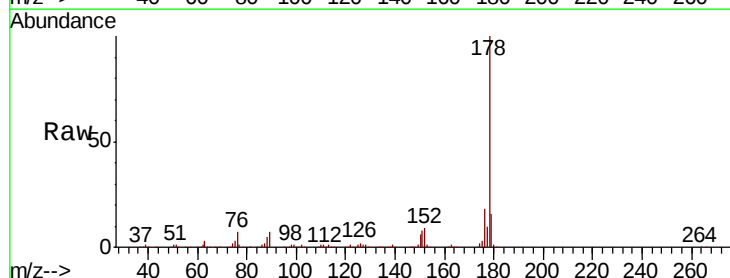
Instrument :
BNA_F
ClientSampleId :
COMPMSSD

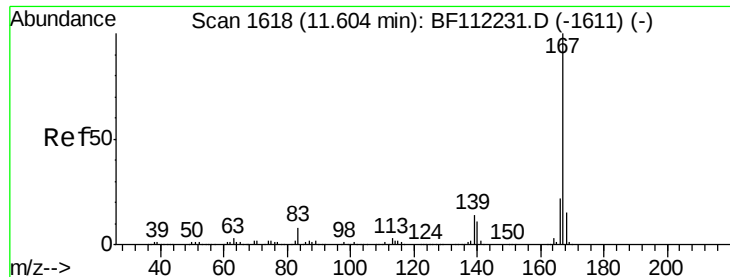
Tgt Ion:178 Resp: 1110206
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 15.4 13.0 19.4



#72
Anthracene
Concen: 91.725 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:178 Resp: 514528
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 15.8 12.8 19.2

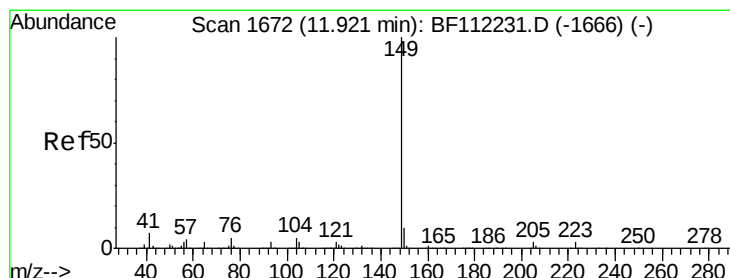
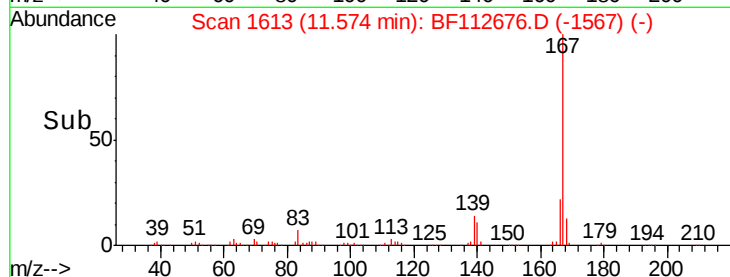
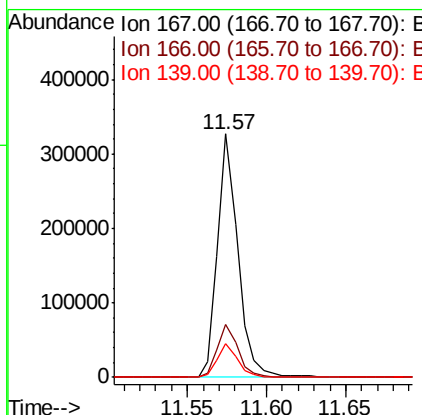
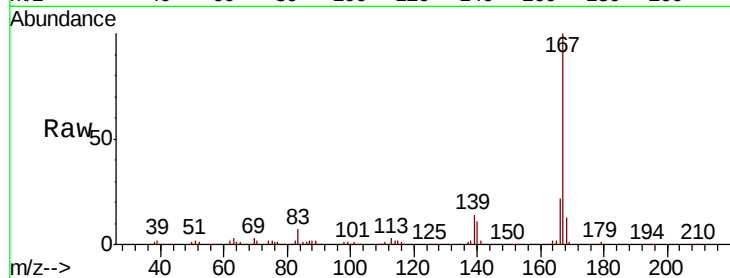




#73
 Carbazole
 Concen: 53.183 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

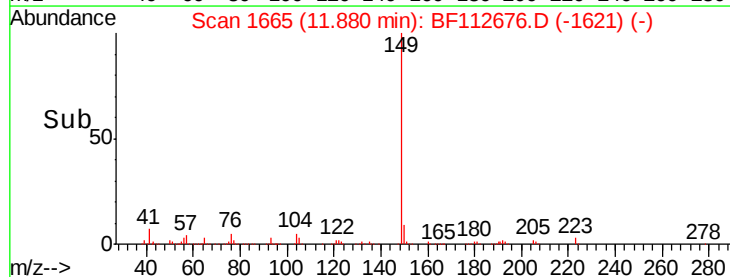
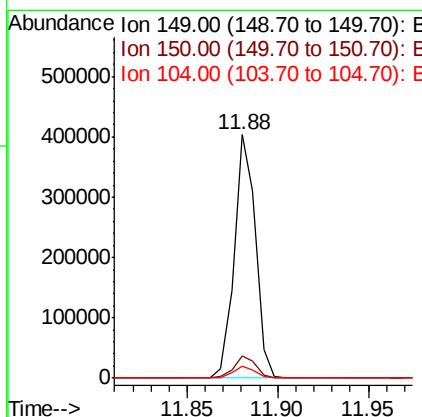
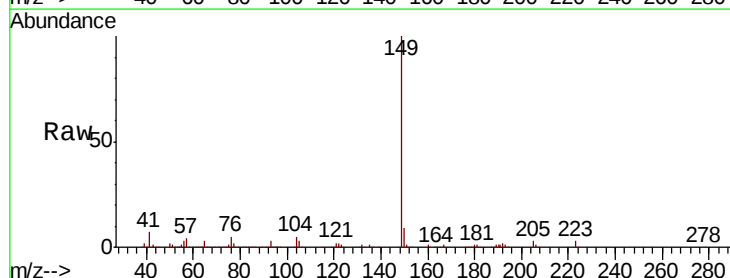
Instrument :
 BNA_F
 ClientSampleId :
 COMPMSSD

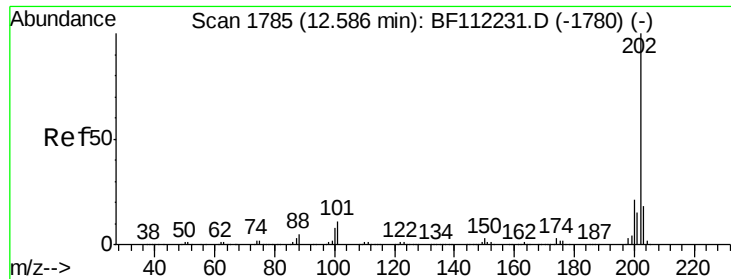
Tgt Ion:167 Resp: 294274
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.9 26.9
 139 14.0 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 47.840 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion:149 Resp: 328571
 Ion Ratio Lower Upper
 149 100
 150 8.9 8.1 12.1
 104 4.7 3.9 5.9





#75

Fluoranthene

Concen: 204.733 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSD

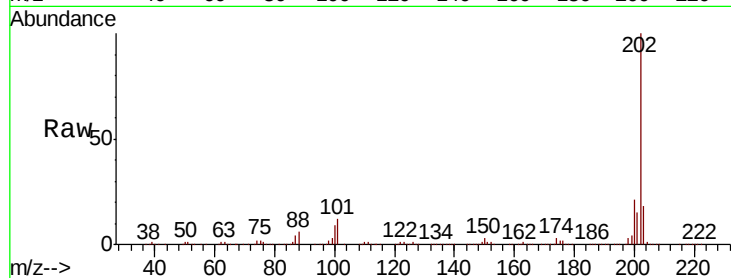
Tgt Ion:202 Resp: 1236551

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.8

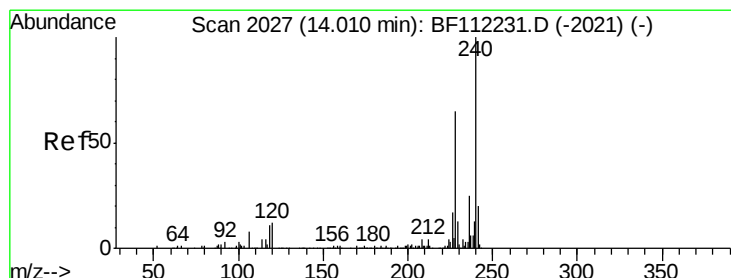
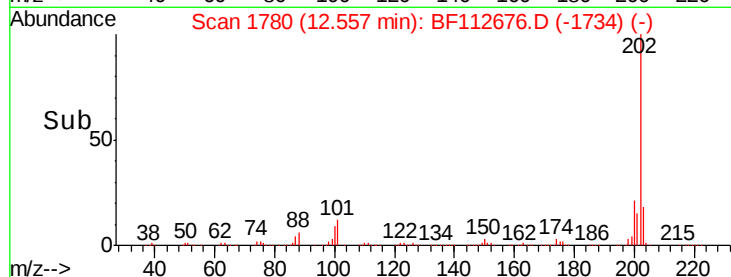
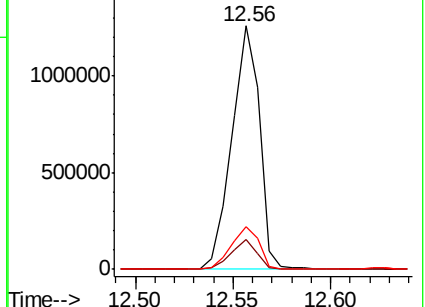
203 17.7 0.0 38.4



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: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

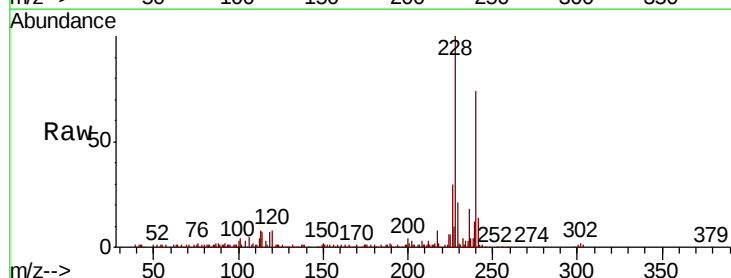
Tgt Ion:240 Resp: 75394

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.6

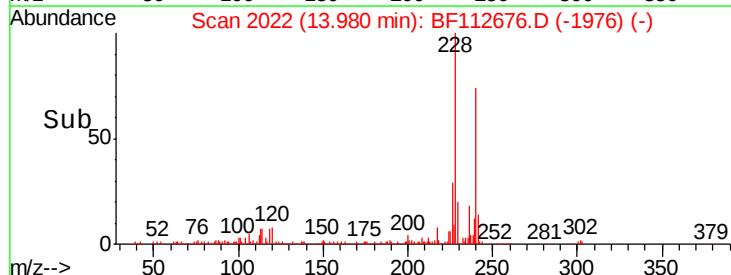
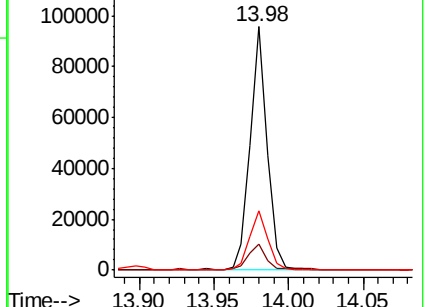
236 24.4 20.7 31.1

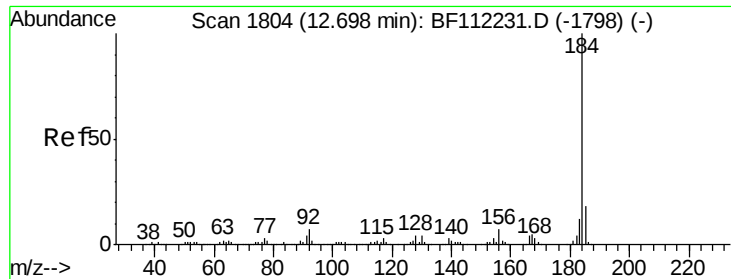


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.818 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSSD

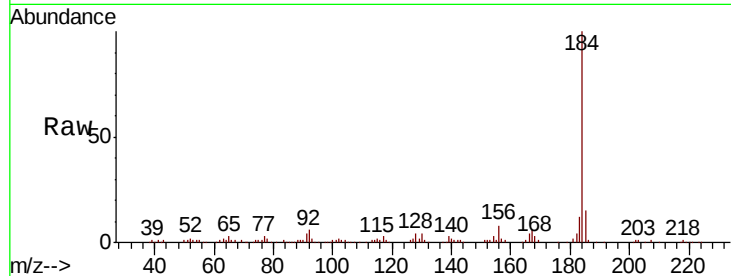
Tgt Ion:184 Resp: 146955

Ion Ratio Lower Upper

184 100

185 14.8 13.9 20.9

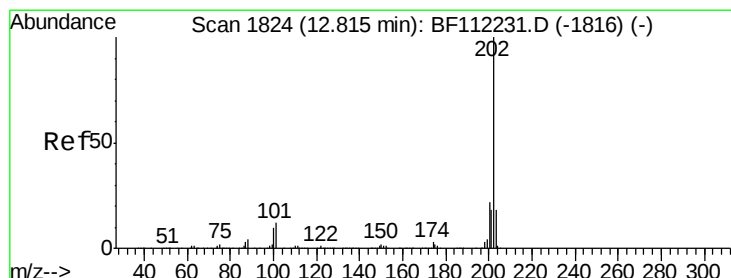
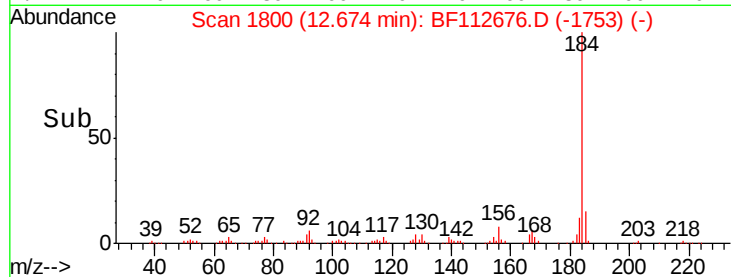
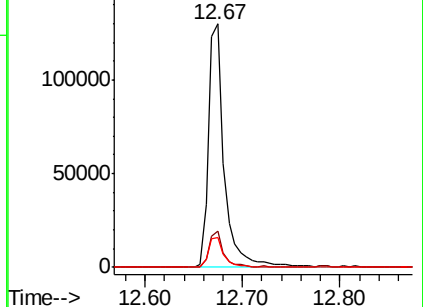
183 12.2 10.0 15.0



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: 197.075 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

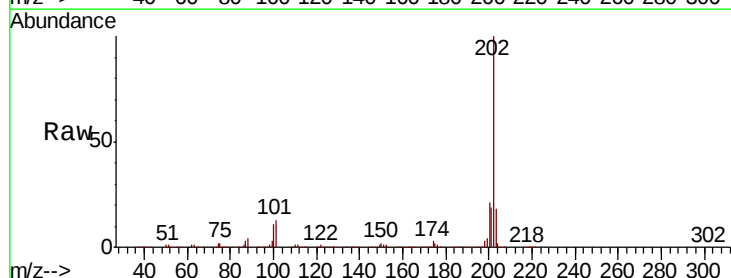
Tgt Ion:202 Resp: 1028703

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

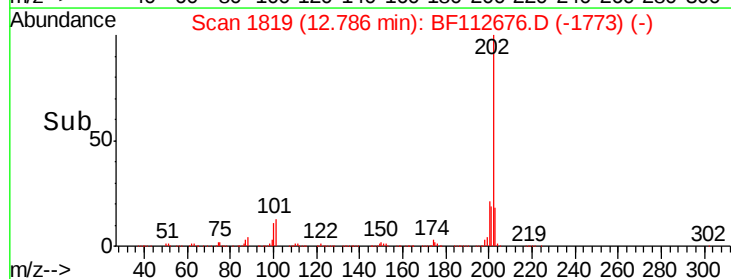
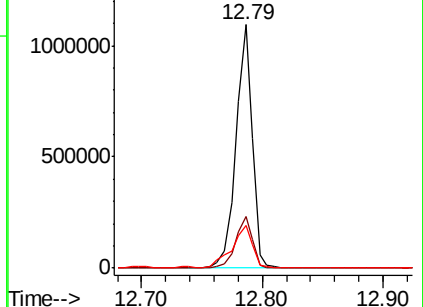
203 17.7 14.6 22.0

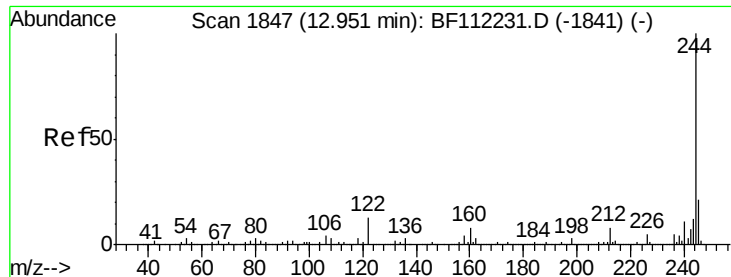


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

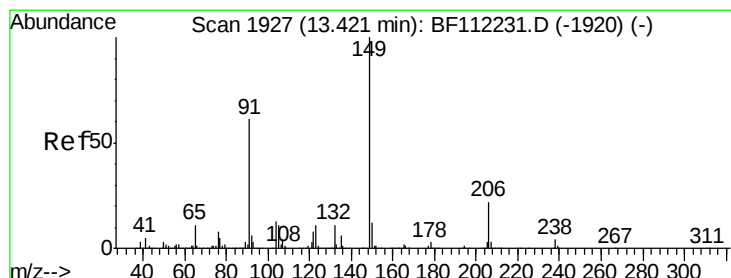
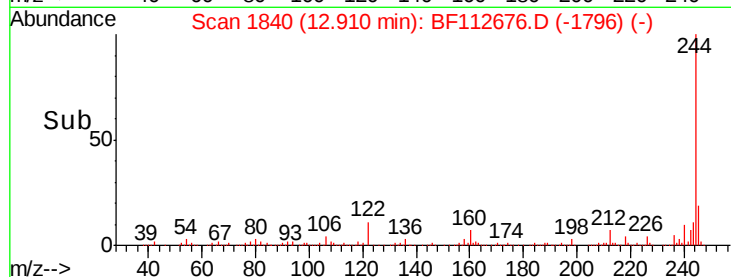
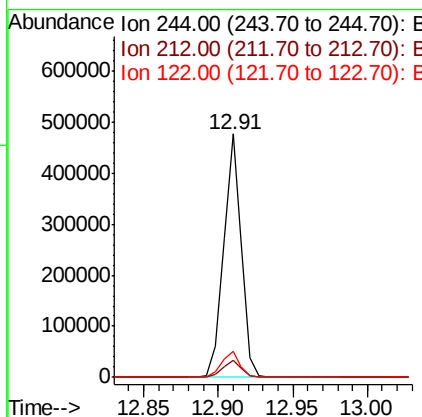
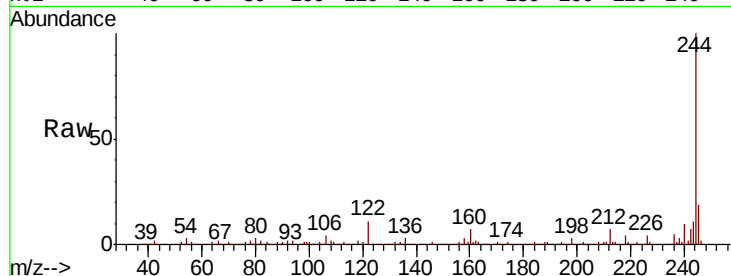




#79
 Terphenyl-d14
 Concen: 99.605 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

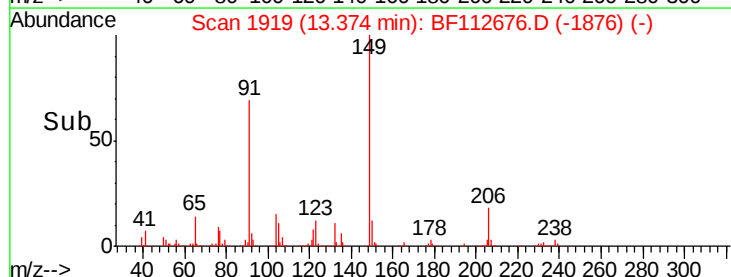
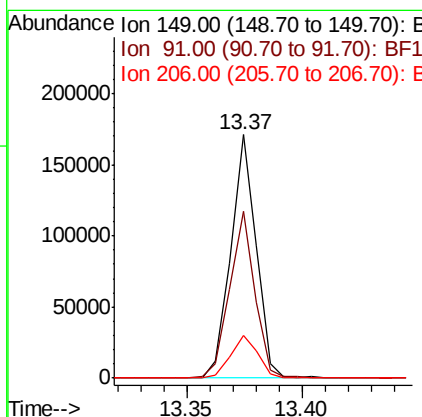
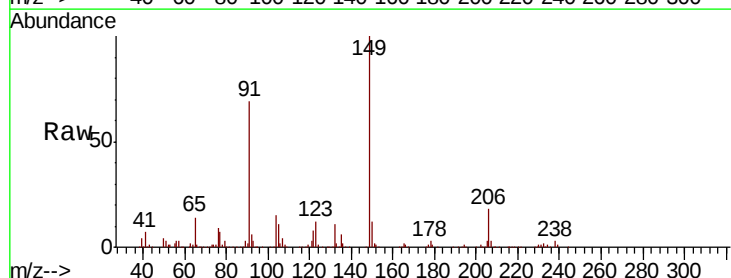
Instrument :
 BNA_F
 ClientSampleId :
 COMPMSSD

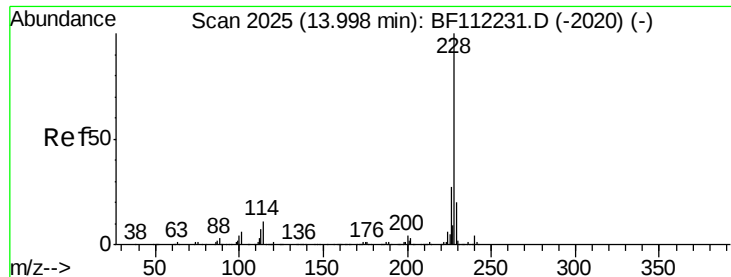
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.5	9.8	14.6



#80
 Butylbenzylphthalate
 Concen: 51.735 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.05 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	50.3	75.5
206	17.7	18.2	27.4





#81

Benzo(a)anthracene

Concen: 126.532 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSSD

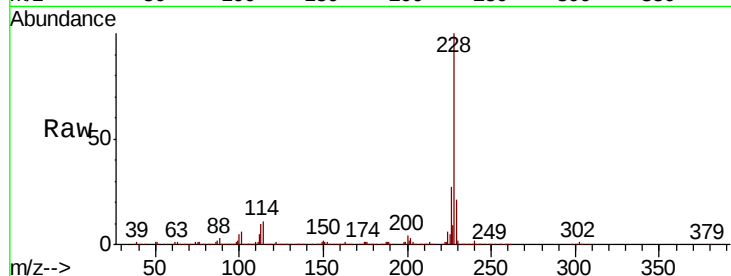
Tgt Ion:228 Resp: 560795

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

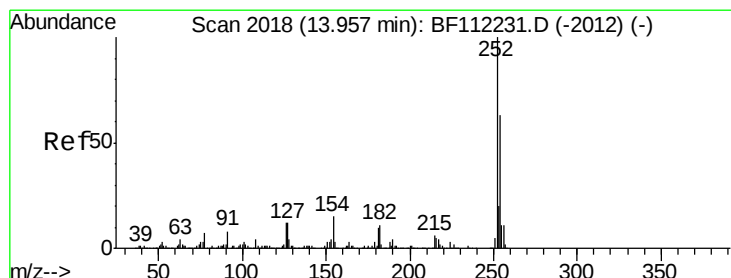
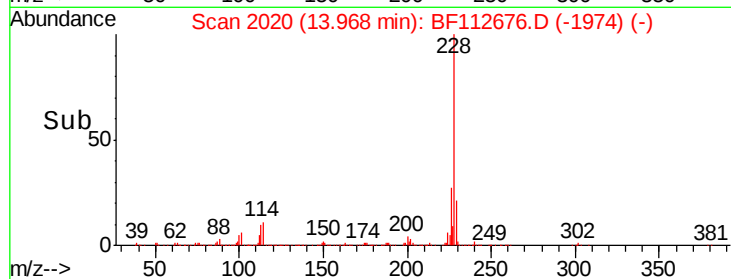
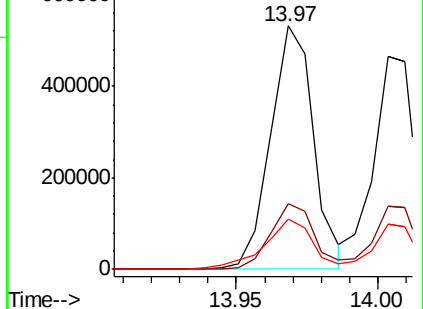
229 20.6 16.5 24.7



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: 41.609 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

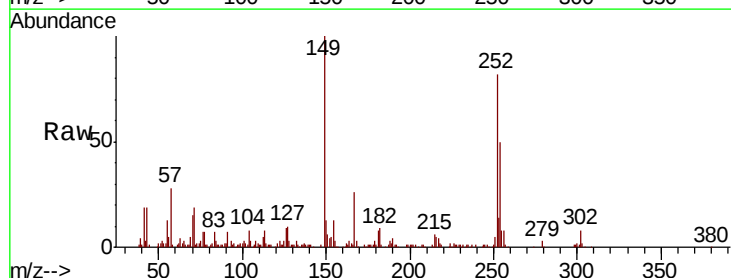
Tgt Ion:252 Resp: 69015

Ion Ratio Lower Upper

252 100

254 61.1 51.6 77.4

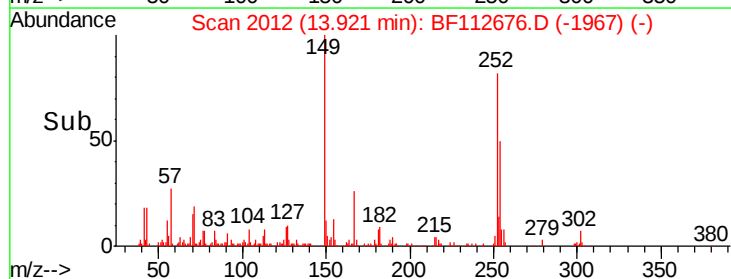
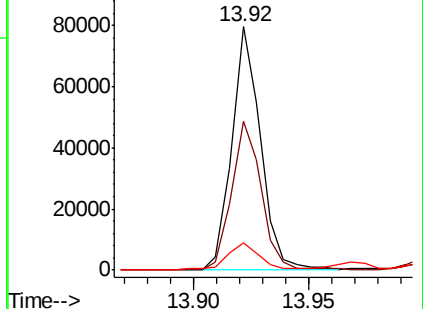
126 11.3 8.6 12.8

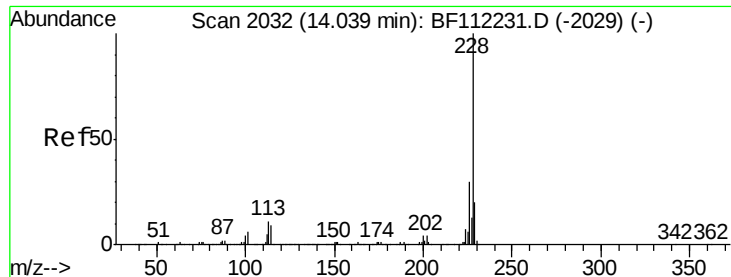


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

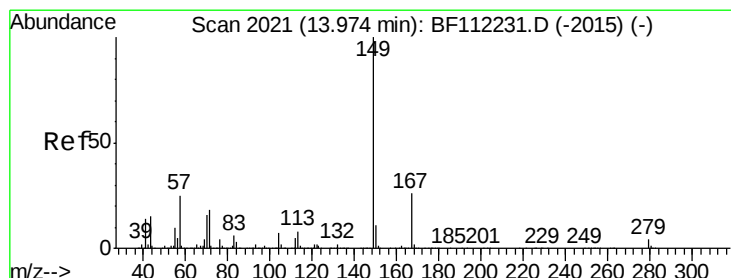
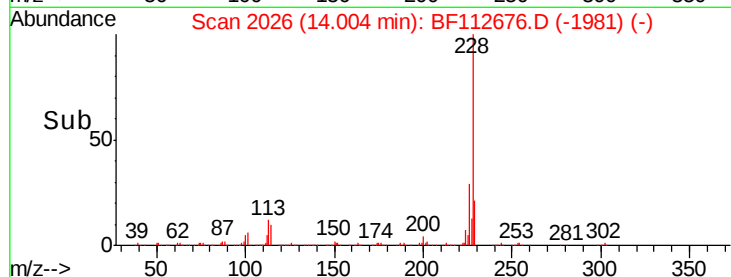
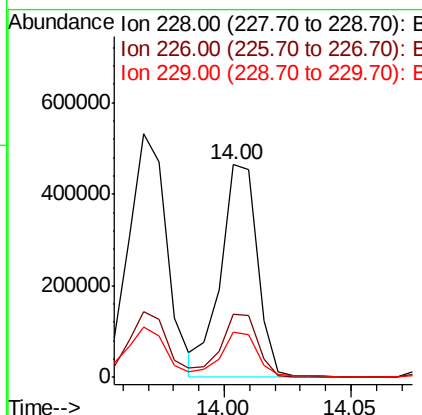
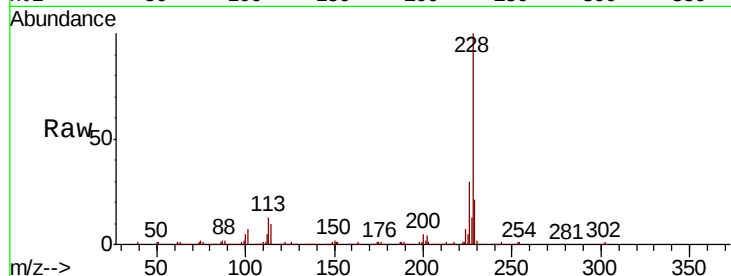




#83
Chrysene
Concen: 110.738 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

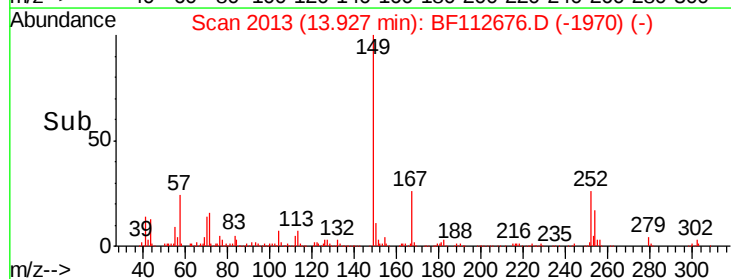
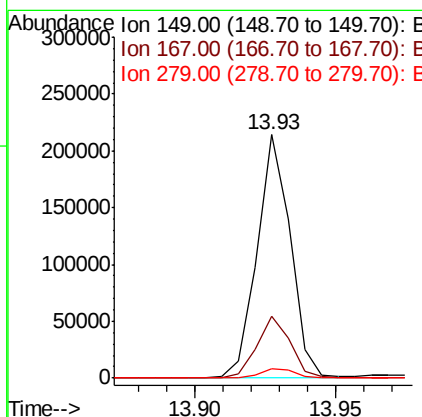
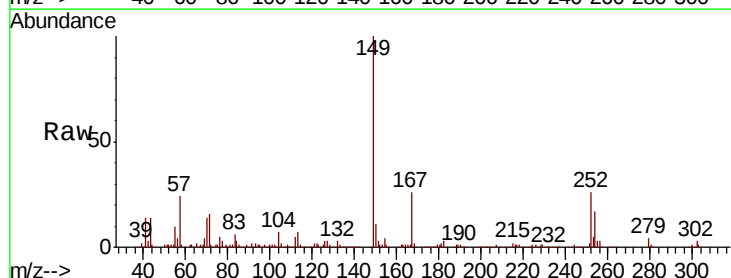
Instrument :
BNA_F
ClientSampleId :
COMPMSD

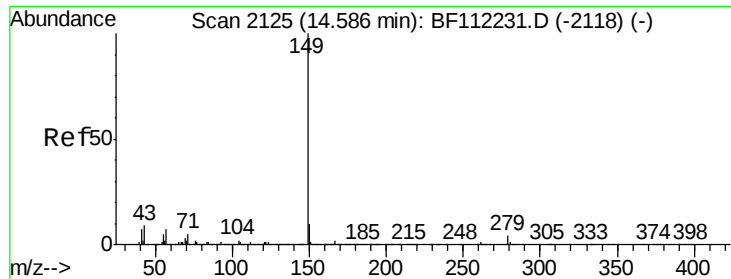
Tgt Ion: 228 Resp: 468490
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.6
229 21.0 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.442 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion: 149 Resp: 173656
Ion Ratio Lower Upper
149 100
167 25.5 22.5 33.7
279 3.7 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 47.834 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.05 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSSD

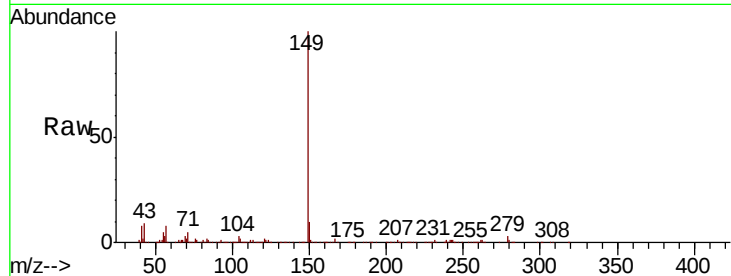
Tgt Ion:149 Resp: 263824

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

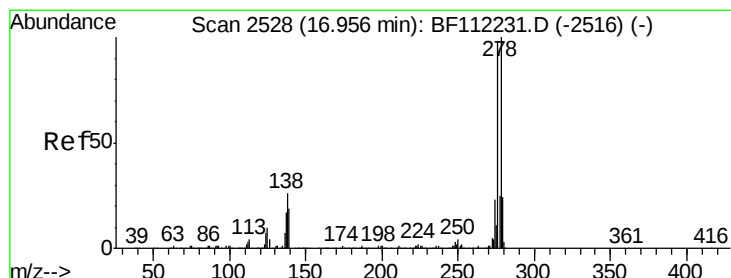
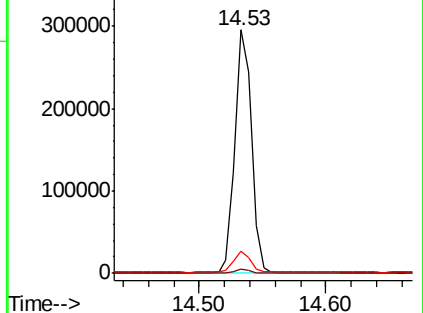
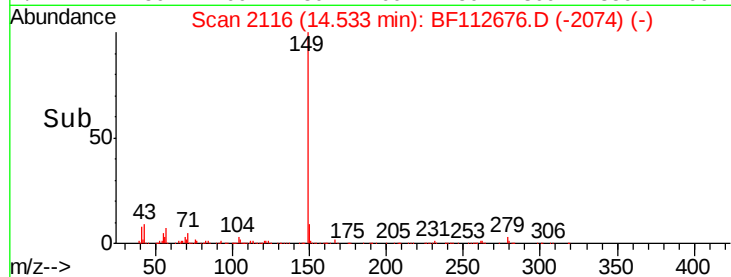
43 9.1 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 98.142 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

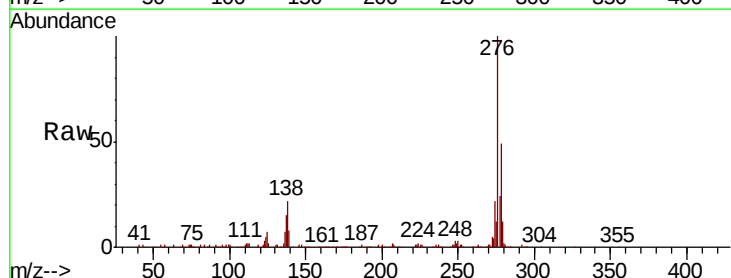
Tgt Ion:276 Resp: 328998

Ion Ratio Lower Upper

276 100

138 21.4 22.6 34.0#

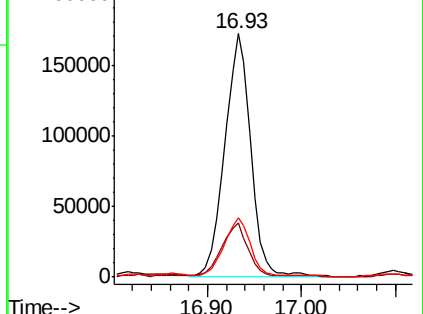
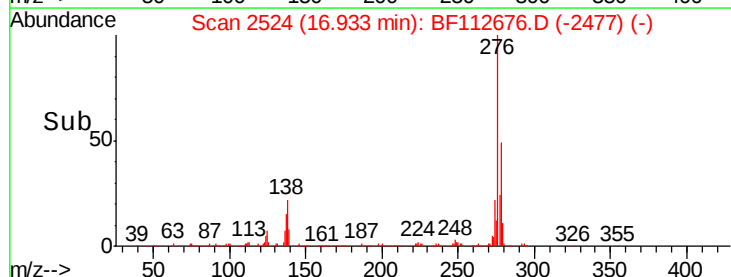
277 23.5 20.3 30.5

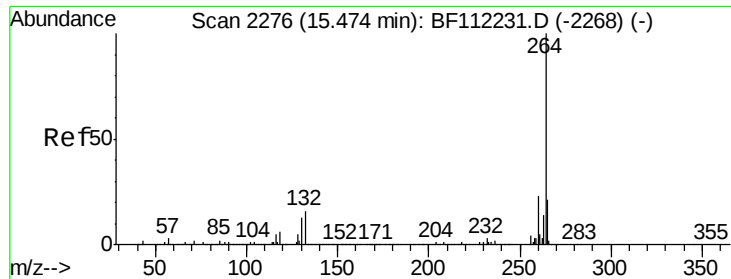


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSD

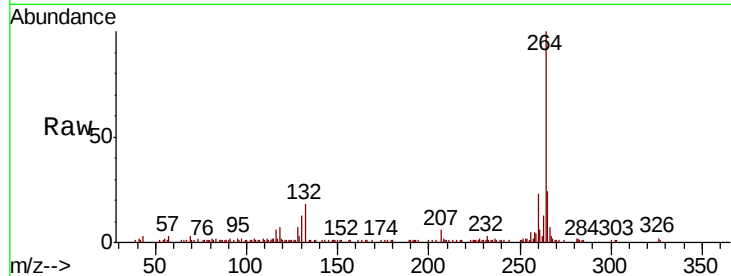
Tgt Ion:264 Resp: 70115

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

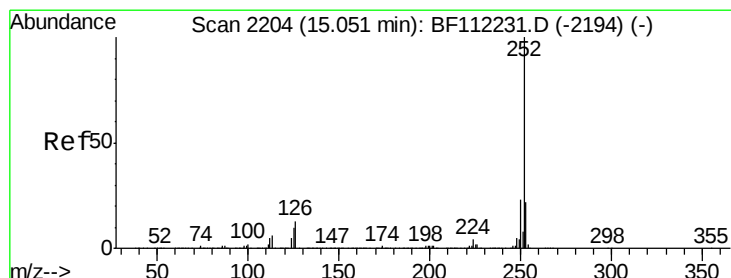
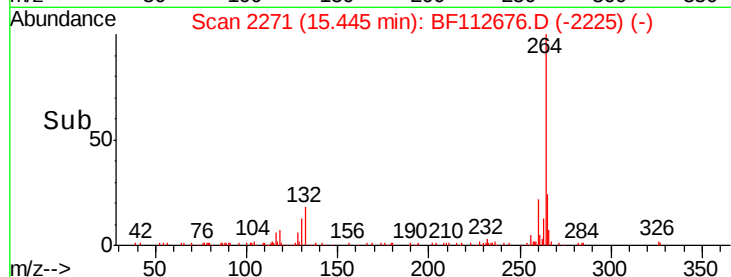
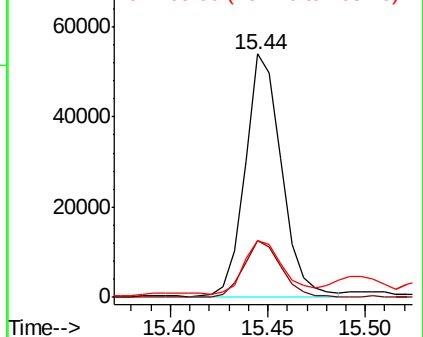
265 23.6 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 120.173 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

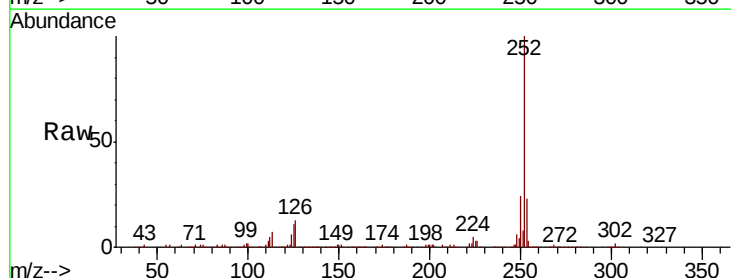
Tgt Ion:252 Resp: 503910

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

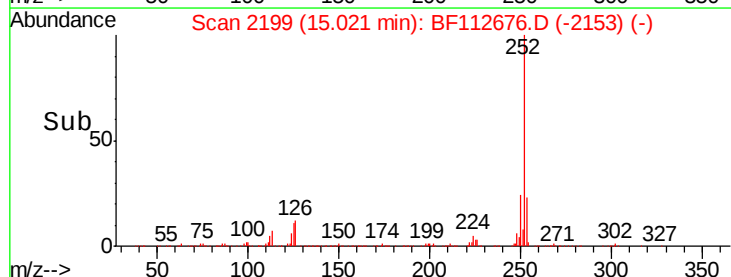
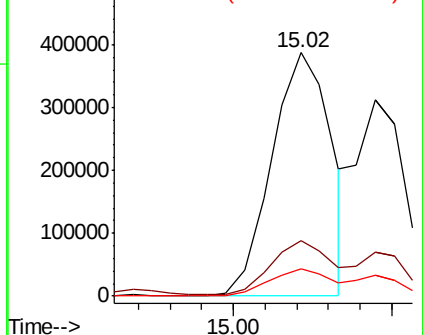
125 11.3 8.7 13.1

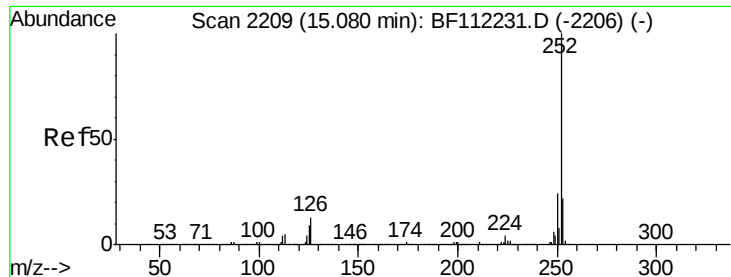


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

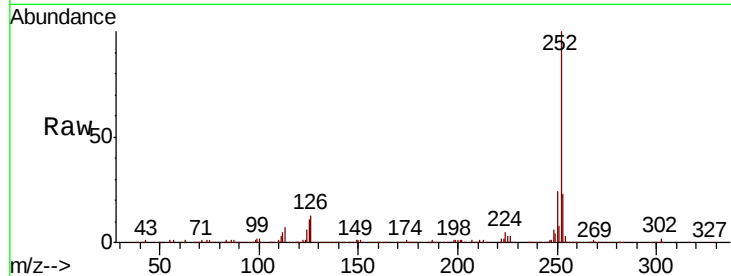




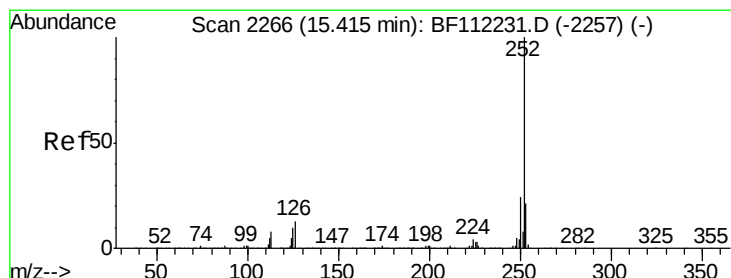
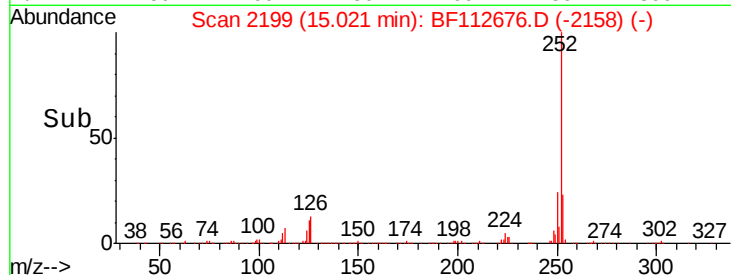
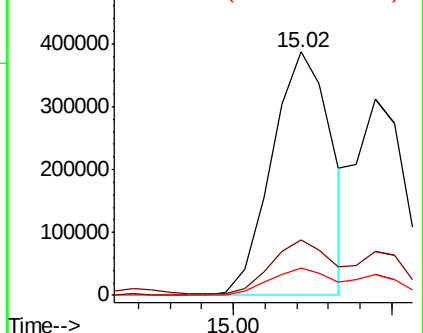
#89
Benzo(k)fluoranthene
Concen: 125.461 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.06 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tgt Ion:252 Resp: 503910
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 11.3 9.1 13.7

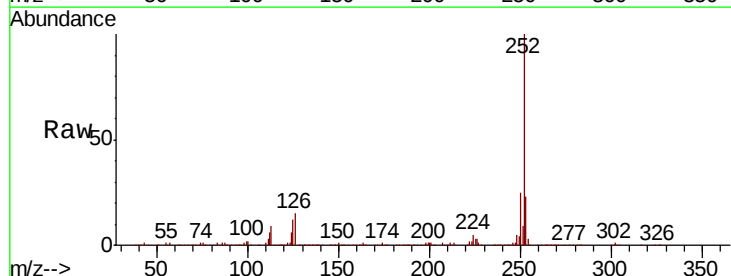


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

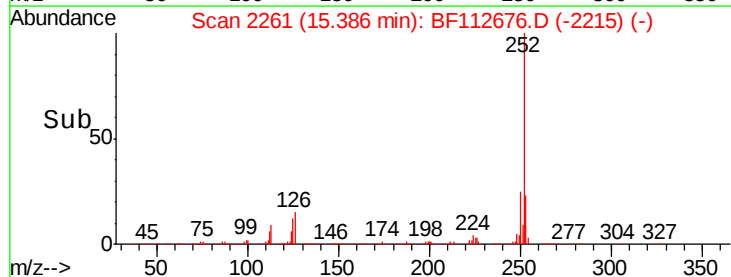
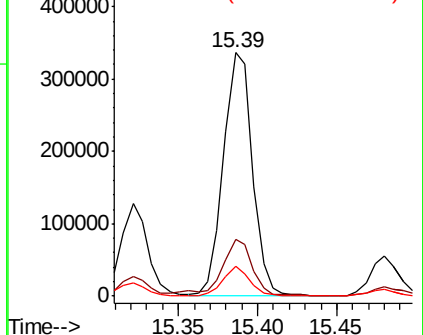


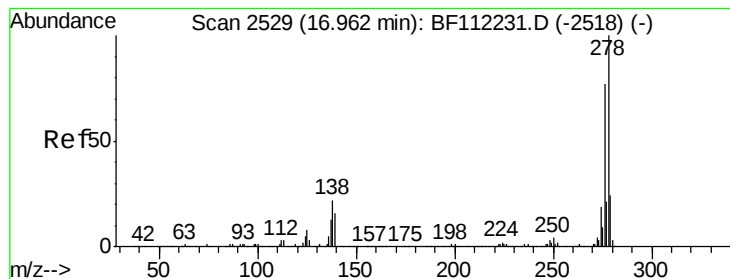
#90
Benzo(a)pyrene
Concen: 113.296 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:252 Resp: 427468
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 12.4 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 62.108 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSD

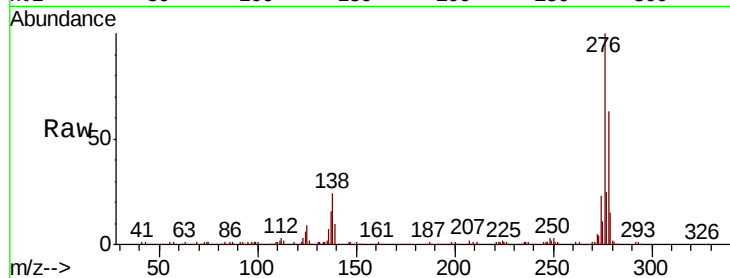
Tgt Ion:278 Resp: 188859

Ion Ratio Lower Upper

278 100

139 15.5 13.7 20.5

279 23.8 19.0 28.6

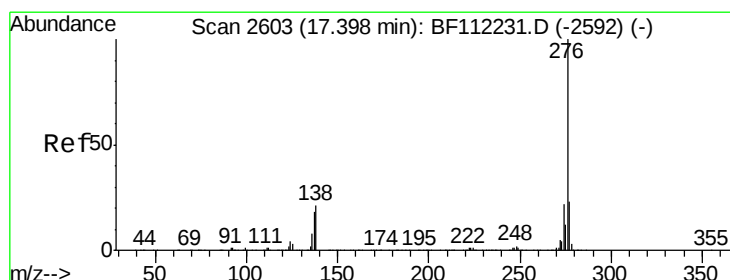
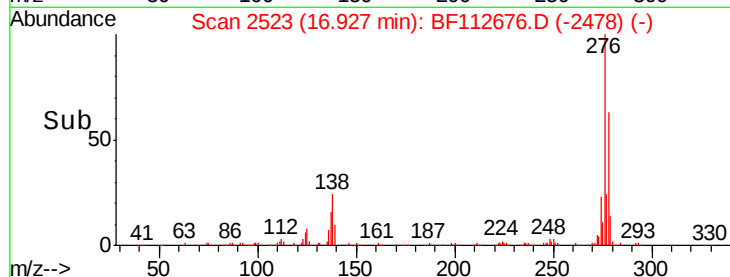
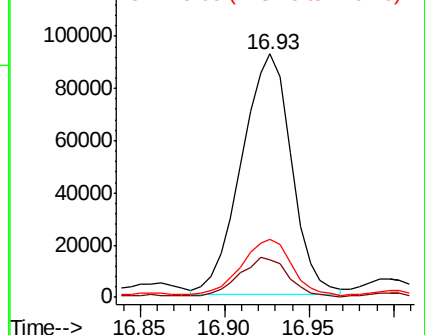


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 92.229 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

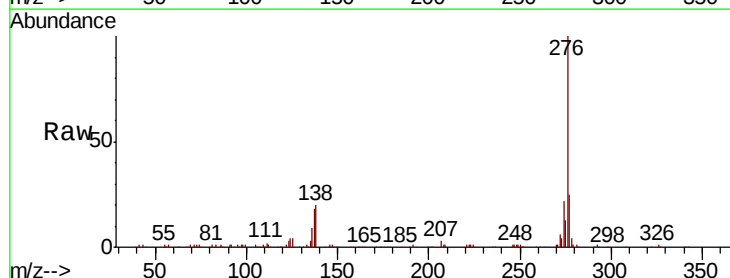
Tgt Ion:276 Resp: 264594

Ion Ratio Lower Upper

276 100

277 25.0 19.4 29.0

138 20.5 19.1 28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

