

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099716.D
 Acq On : 20 Oct 2017 23:44
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 21 21:27:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	86028	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	337637	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	138264	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	204863	20.00	ng	0.00
75) Chrysene-d12	13.98	240	163935	20.00	ng	0.00
86) Perylene-d12	15.44	264	162518	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	433352	80.19	ng	0.00
7) Phenol-d6	6.46	99	510184	76.53	ng	0.00
23) Nitrobenzene-d5	7.39	82	405487	77.02	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	85428	75.51	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	774757	93.55	ng	0.00
78) Terphenyl-d14	12.92	244	552973	76.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	95196	36.877	ng	# 90
3) Pyridine	3.30	79	239046	34.231	ng	89
4) n-Nitrosodimethylamine	3.26	42	84938	28.683	ng	# 73
6) Aniline	6.48	93	320575	35.629	ng	98
8) 2-Chlorophenol	6.60	128	244869	40.012	ng	91
9) Benzaldehyde	6.37	77	124042	32.076	ng	95
10) Phenol	6.47	94	294867	39.549	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	220073	37.969	ng	96
12) 1,3-Dichlorobenzene	6.75	146	258554	40.341	ng	97
13) 1,4-Dichlorobenzene	6.83	146	264356	40.539	ng	97
14) 1,2-Dichlorobenzene	6.99	146	244290	40.543	ng	97
15) Benzyl Alcohol	6.96	79	156945	32.091	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	280848	31.100	ng	81
17) 2-Methylphenol	7.07	107	185825	37.109	ng	99
18) Hexachloroethane	7.32	117	83341	35.556	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	140274	32.957	ng	92
20) 3+4-Methylphenols	7.23	107	227624	35.932	ng	# 68
22) Acetophenone	7.23	105	308254	37.682	ng	# 98
24) Nitrobenzene	7.40	77	222851	37.314	ng	90
25) Isophorone	7.64	82	405947	37.294	ng	97
26) 2-Nitrophenol	7.72	139	128163	44.626	ng	89
27) 2,4-Dimethylphenol	7.75	122	204758	37.752	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	266670	39.312	ng	99
29) 2,4-Dichlorophenol	7.96	162	193641	41.584	ng	94
30) 1,2,4-Trichlorobenzene	8.04	180	195568	41.991	ng	99
31) Naphthalene	8.12	128	638938	40.292	ng	99
32) Benzoic acid	7.89	122	132697	29.785	ng	90
33) 4-Chloroaniline	8.17	127	264825	39.991	ng	# 94
34) Hexachlorobutadiene	8.23	225	101462	42.295	ng	98
35) Caprolactam	8.55	113	56297	37.689	ng	# 83
36) 4-Chloro-3-methylphenol	8.66	107	194945	37.246	ng	94
37) 2-Methylnaphthalene	8.81	142	406800	39.462	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	191214	46.373	ng	# 97
40) Hexachlorocyclopentadiene	8.95	237	3795	2.014	ng	98

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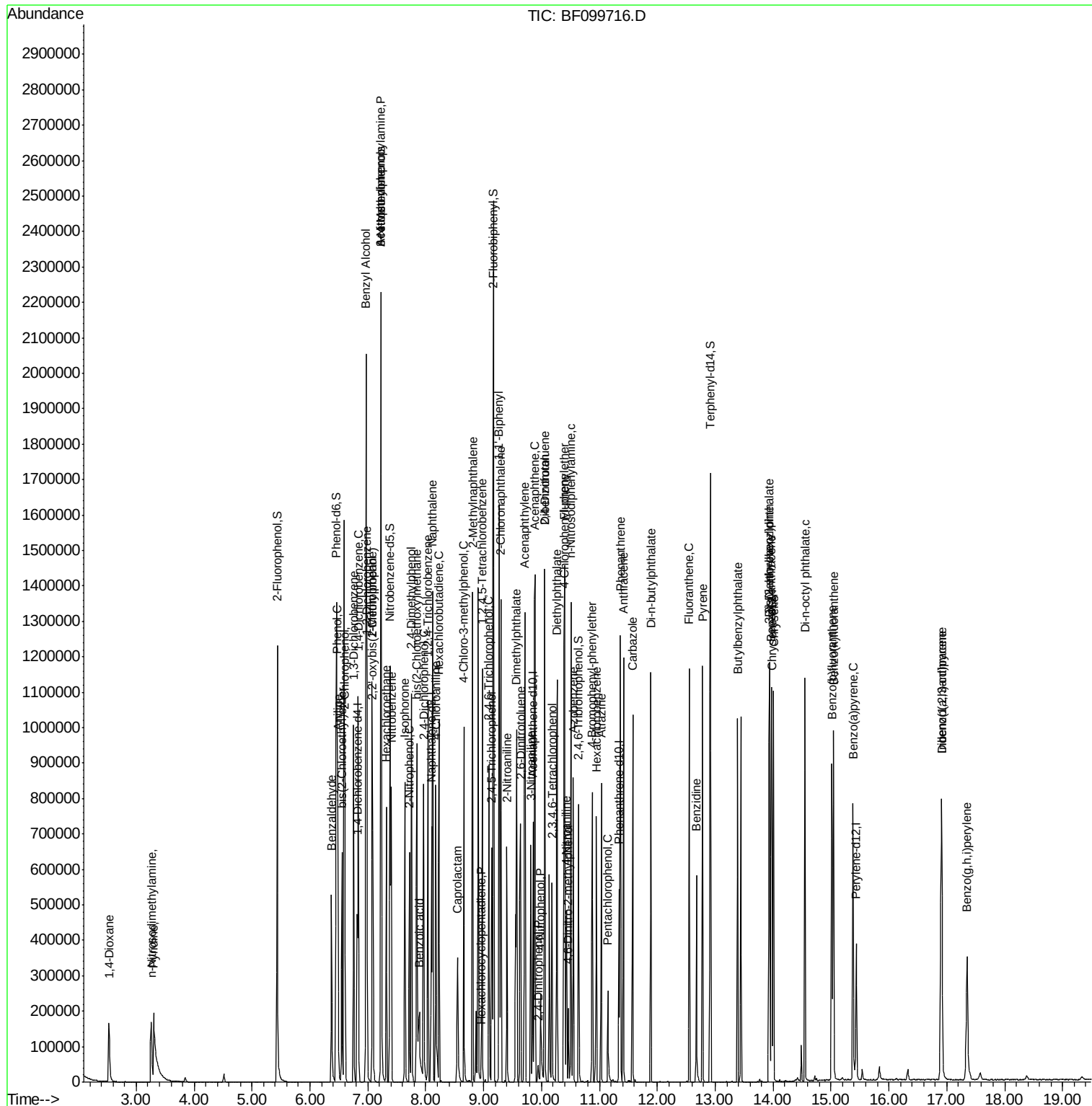
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	124101	42.483	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	123145	42.230	nq	# 91
45) 1,1'-Biphenyl	9.27	154	526672	44.322	nq	99
46) 2-Chloronaphthalene	9.30	162	387786	43.464	nq	96
47) 2-Nitroaniline	9.40	65	100185	36.672	nq	# 82
48) Acenaphthylene	9.72	152	557724	40.835	nq	99
49) Dimethylphthalate	9.57	163	460019	44.083	nq	99
50) 2,6-Dinitrotoluene	9.65	165	98798	43.488	nq	# 76
51) Acenaphthene	9.89	154	328384	37.956	nq	99
52) 3-Nitroaniline	9.82	138	109077	41.177	nq	88
53) 2,4-Dinitrophenol	9.94	184	10987	14.440	nq	# 87
54) Dibenzofuran	10.06	168	446958	38.800	nq	98
55) 4-Nitrophenol	9.99	139	58192	25.980	nq	84
56) 2,4-Dinitrotoluene	10.05	165	113038	38.338	nq	# 94
57) Fluorene	10.40	166	369807	39.941	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	72832	36.156	nq	96
59) Diethylphthalate	10.27	149	420879	41.275	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	173039	41.605	nq	95
61) 4-Nitroaniline	10.43	138	93746	36.682	nq	87
62) Azobenzene	10.55	77	320039	34.135	nq	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	30517	24.483	nq	80
65) n-Nitrosodiphenylamine	10.51	169	334176	47.086	nq	97
66) 4-Bromophenyl-phenylether	10.87	248	92710	46.233	nq	96
67) Hexachlorobenzene	10.95	284	93033	43.439	nq	99
68) Atrazine	11.03	200	91876	43.027	nq	98
69) Pentachlorophenol	11.15	266	33853	25.398	nq	96
70) Phenanthrene	11.36	178	452778	41.290	nq	98
71) Anthracene	11.42	178	457589	40.783	nq	99
72) Carbazole	11.57	167	432012	39.319	nq	99
73) Di-n-butylphthalate	11.89	149	570220	43.116	nq	98
74) Fluoranthene	12.55	202	423880	38.173	nq	99
76) Benzidine	12.67	184	218325	36.007	nq	98
77) Pyrene	12.78	202	439349	35.146	nq	99
79) Butylbenzylphthalate	13.39	149	213398	36.323	nq	92
80) Benzo(a)anthracene	13.97	228	394304	39.722	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	146305	40.205	nq	96
82) Chrysene	14.01	228	379787	40.186	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	309458	38.254	nq	# 98
84) Di-n-octyl phthalate	14.55	149	556123	42.693	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.91	276	346112	45.782	nq	97
87) Benzo(b)fluoranthene	15.02	252	385099	38.540	nq	98
88) Benzo(k)fluoranthene	15.04	252	397352	40.261	nq	99
89) Benzo(a)pyrene	15.38	252	364728	39.765	nq	# 97
90) Dibenzo(a,h)anthracene	16.92	278	289035	39.376	nq	98
91) Benzo(g,h,i)perylene	17.35	276	274282	37.801	nq	96

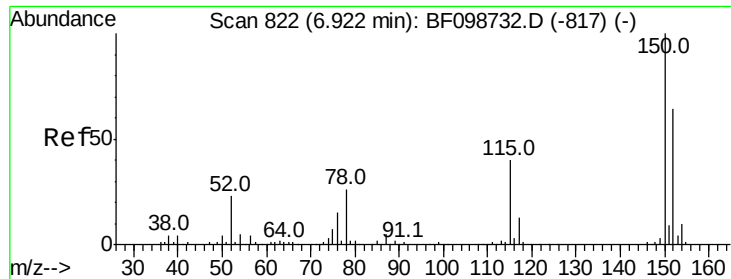
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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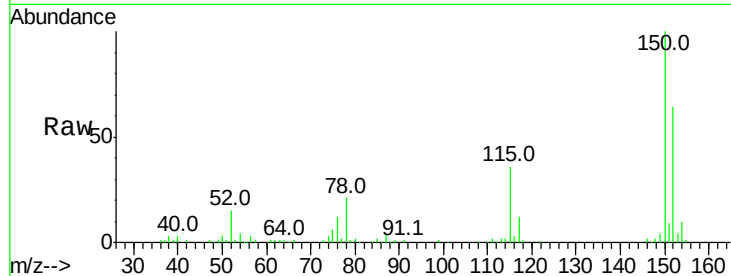


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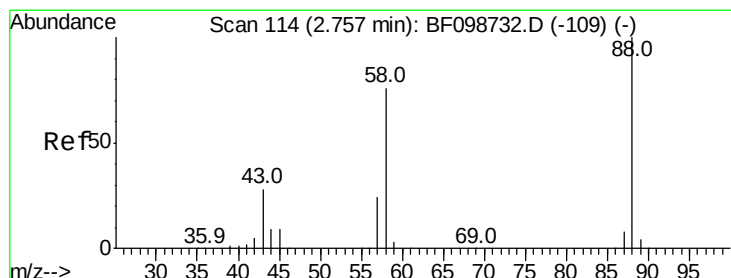
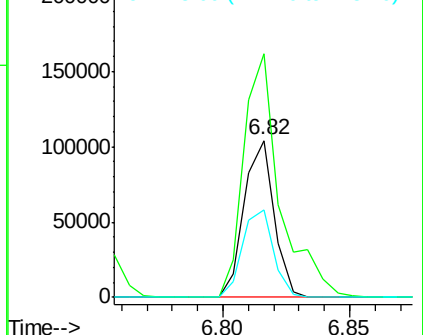
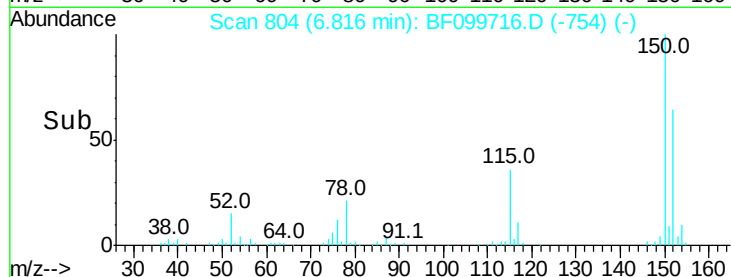
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 86028
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 55.8 50.1 75.1



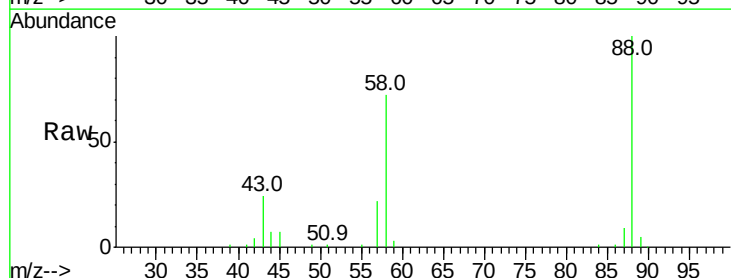
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



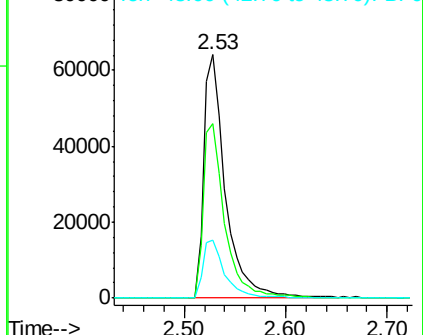
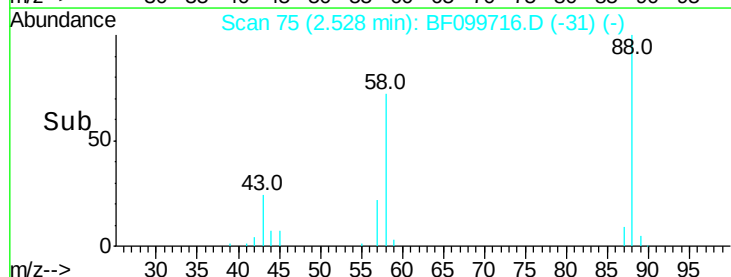
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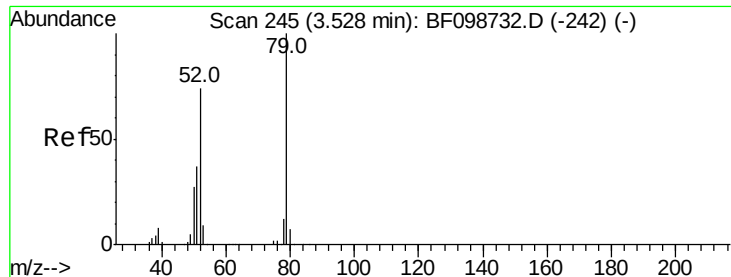
1,4-Dioxane
Concen: 36.877 ng
RT: 2.53 min Scan# 75
Delta R.T. -0.04 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion: 88 Resp: 95196
Ion Ratio Lower Upper
88 100
58 70.8 62.6 93.8
43 24.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.231 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.04 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

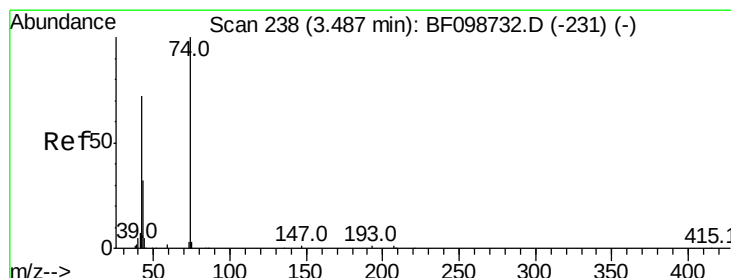
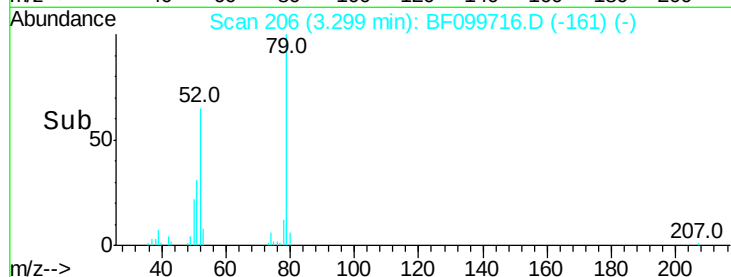
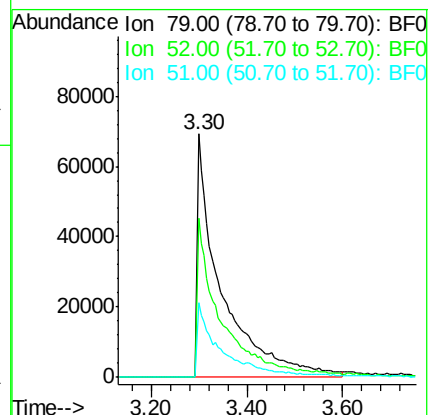
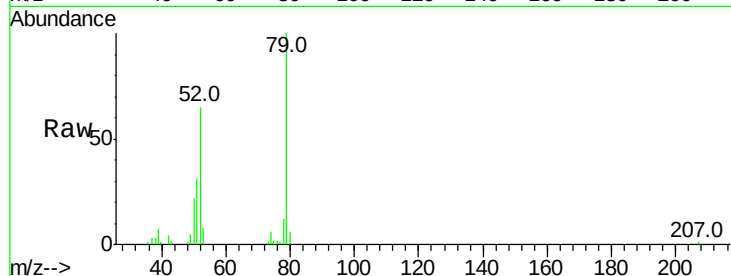
Tot Ion: 79 Resp: 239046

Ion Ratio Lower Upper

79 100

52 65.5 59.8 89.6

51 30.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 28.683 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.04 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

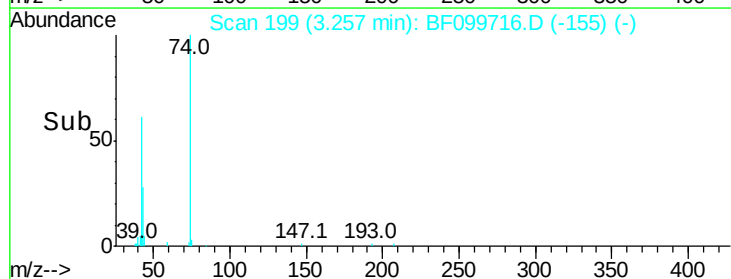
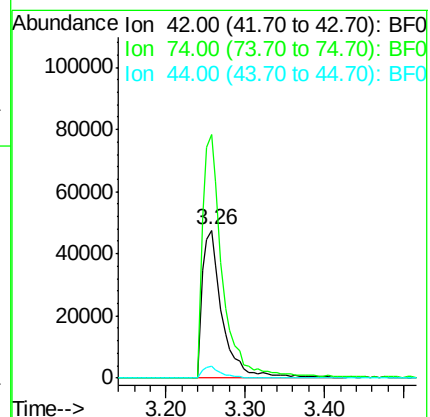
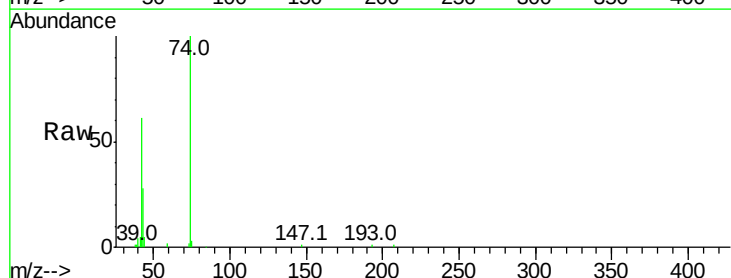
Tgt Ion: 42 Resp: 84938

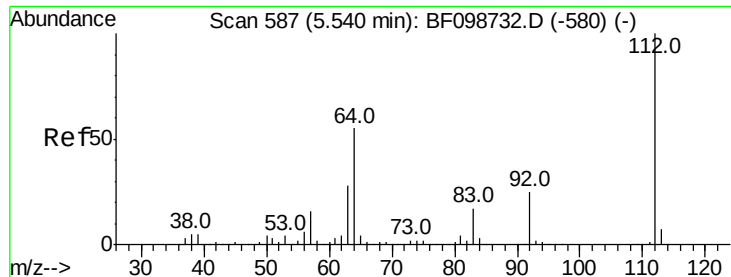
Ion Ratio Lower Upper

42 100

74 164.4 104.9 157.3#

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 80.189 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

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SSTDCCC040

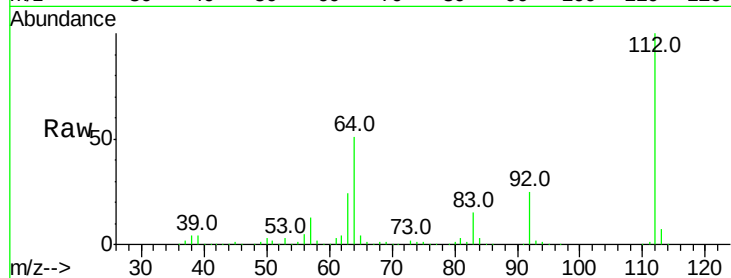
Tot Ion:112 Resp: 433352

Ion Ratio Lower Upper

112 100

64 51.3 47.9 71.9

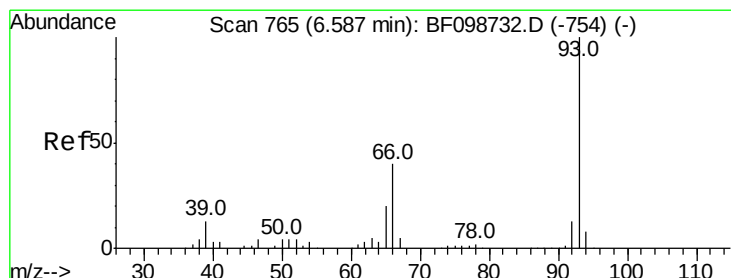
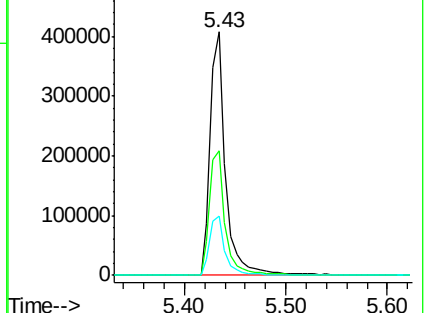
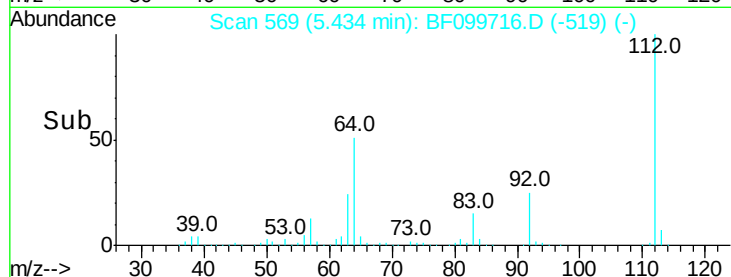
63 24.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.629 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

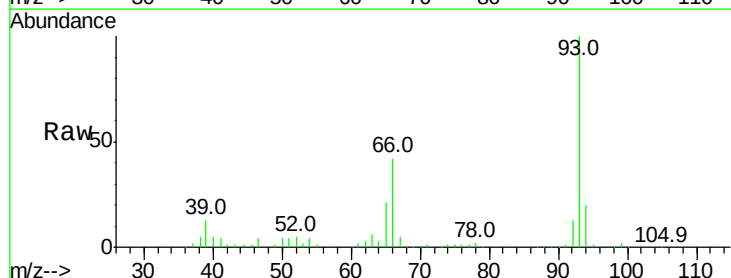
Tgt Ion: 93 Resp: 320575

Ion Ratio Lower Upper

93 100

66 41.5 32.2 48.2

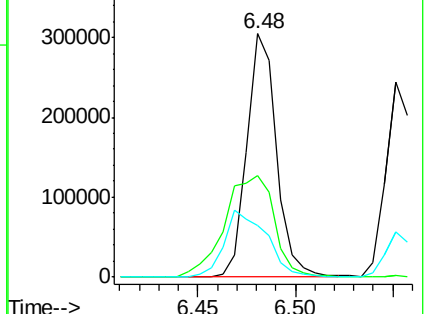
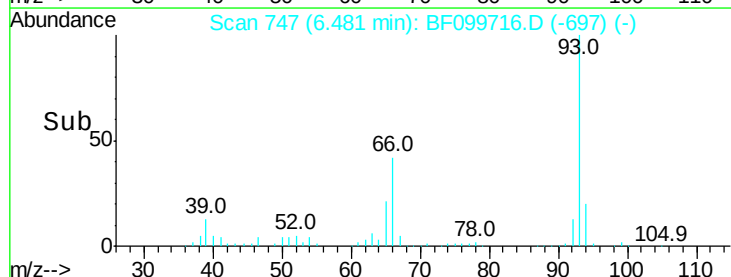
65 21.3 16.4 24.6

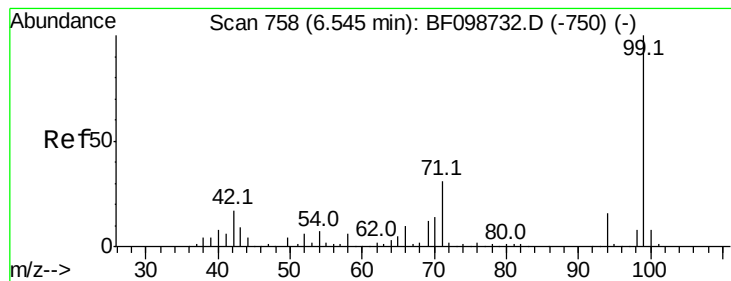


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.529 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

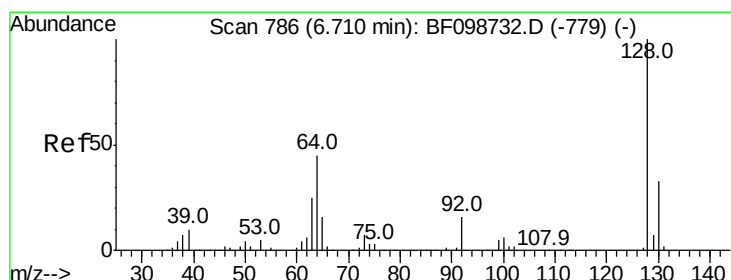
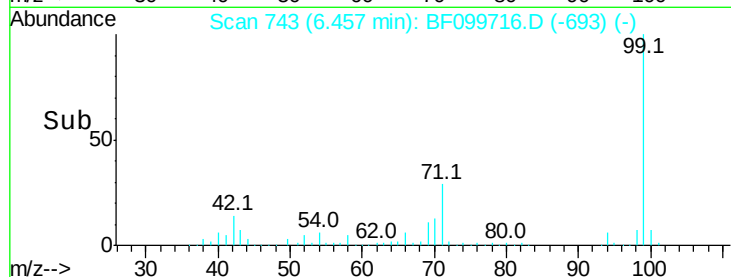
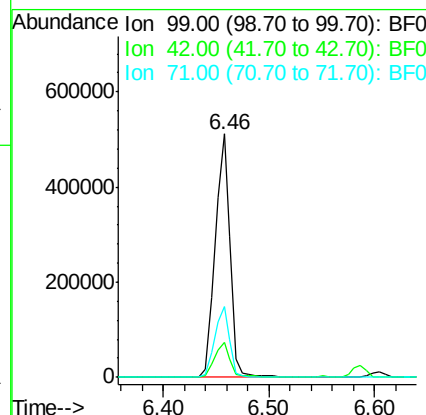
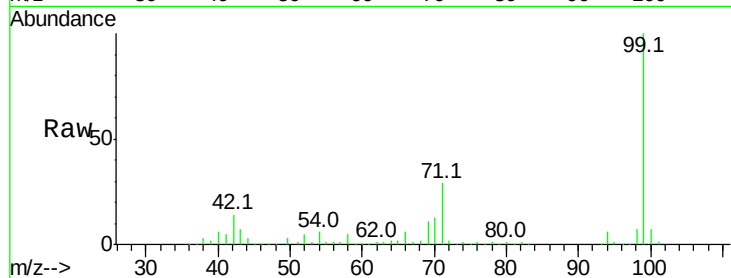
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 510184

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	29.0	25.4	38.0



#8

2-Chlorophenol

Concen: 40.012 ng

RT: 6.60 min Scan# 768

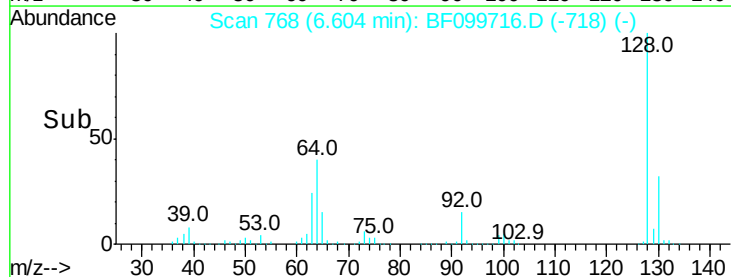
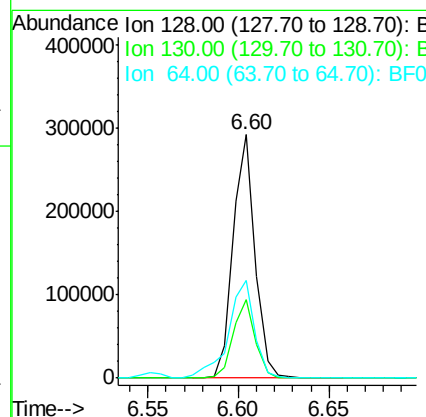
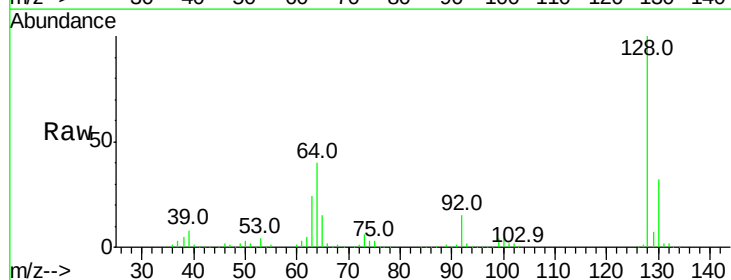
Delta R.T. -0.01 min

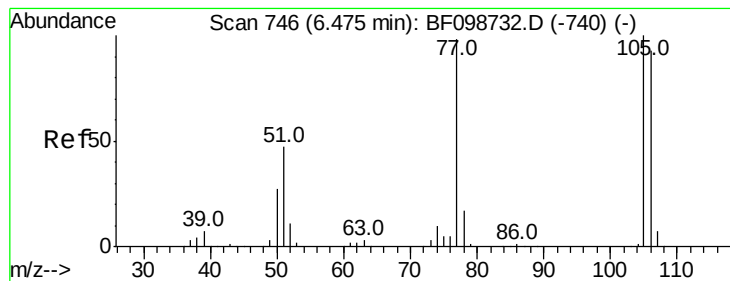
Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Tgt Ion: 128 Resp: 244869

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.0	53.0
64	40.4	29.4	69.4





#9

Benzaldehyde

Concen: 32.076 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF099716.D

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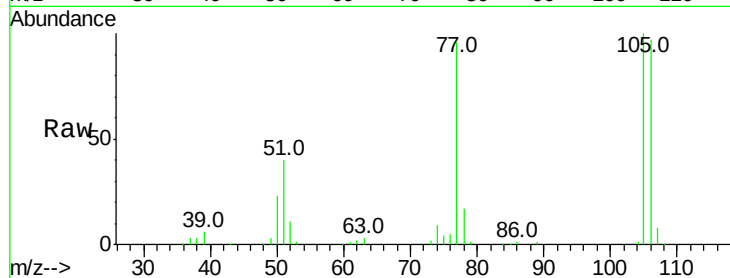
Tot Ion: 77 Resp: 124042

Ion Ratio Lower Upper

77 100

105 103.9 81.1 121.1

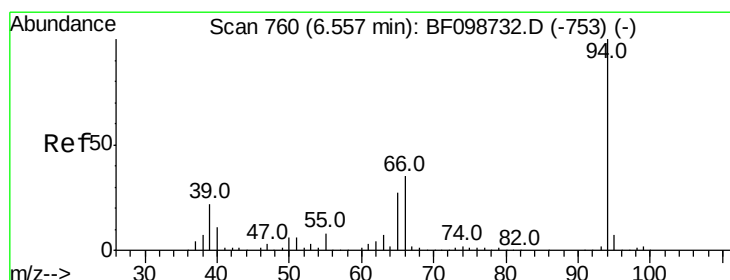
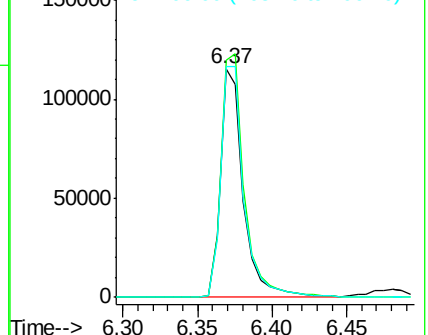
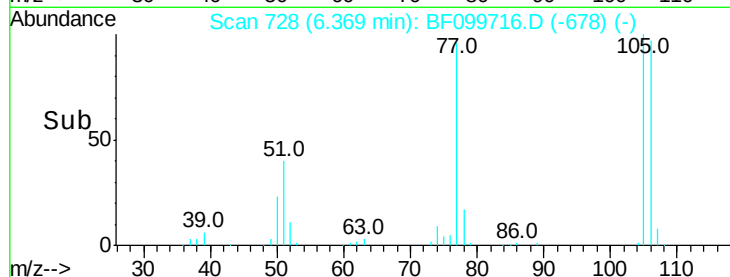
106 101.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.549 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

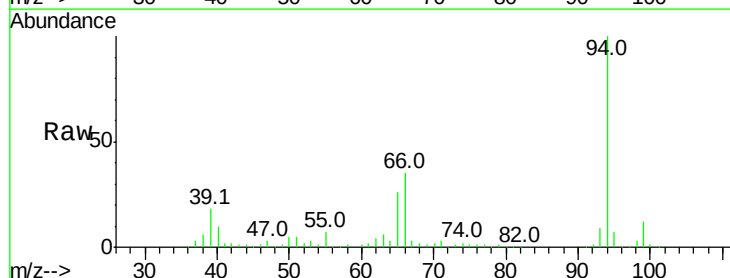
Tgt Ion: 94 Resp: 294867

Ion Ratio Lower Upper

94 100

65 25.8 7.9 47.9

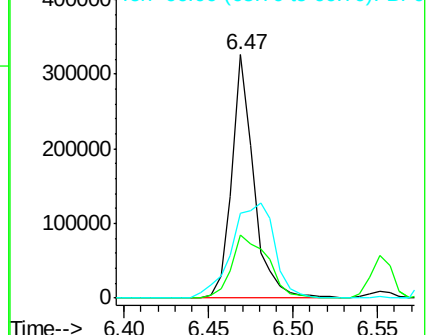
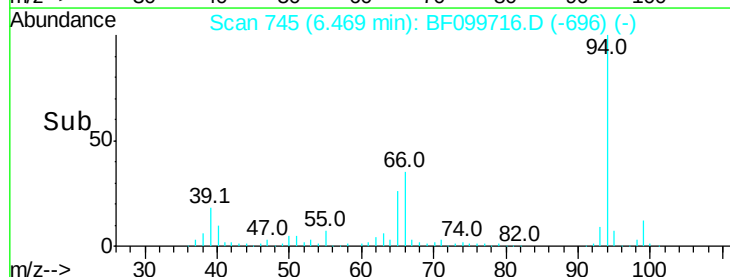
66 35.0 16.2 56.2

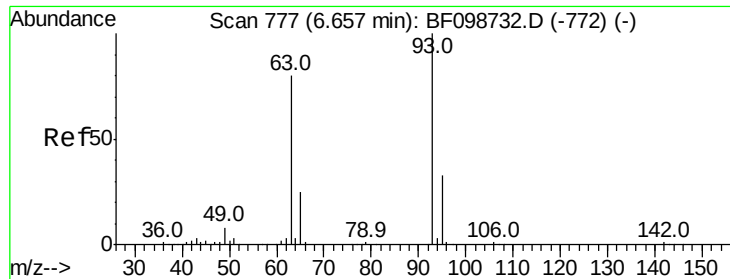


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

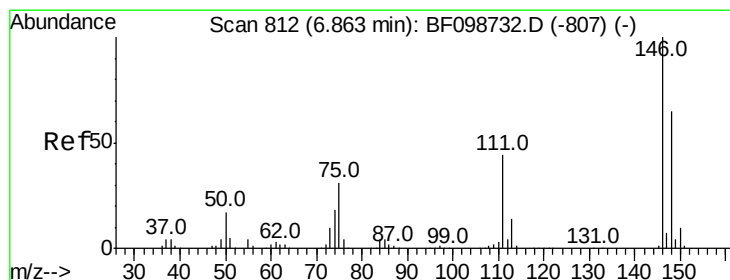
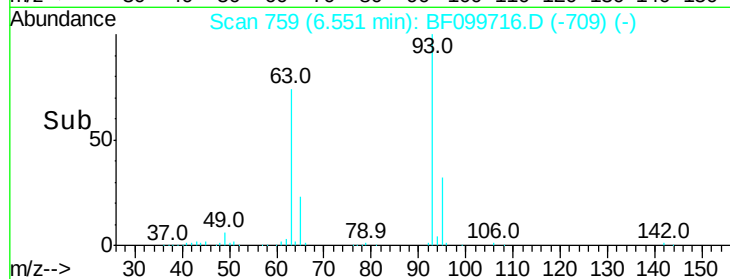
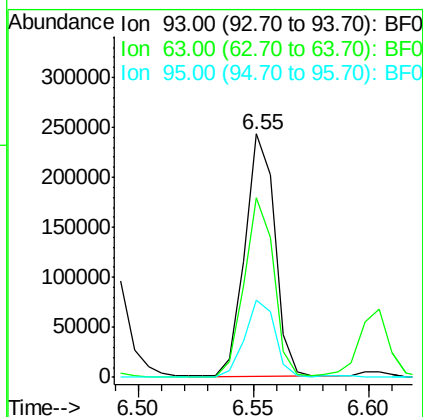
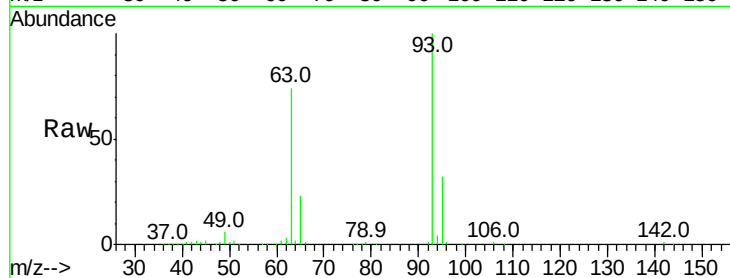




#11
 bis(2-Chloroethyl)ether
 Concen: 37.969 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

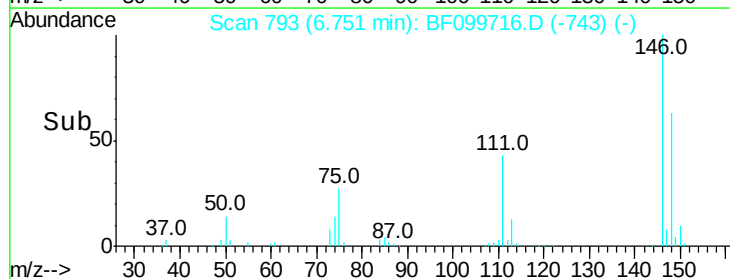
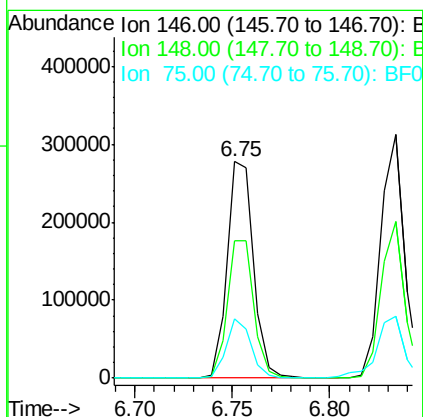
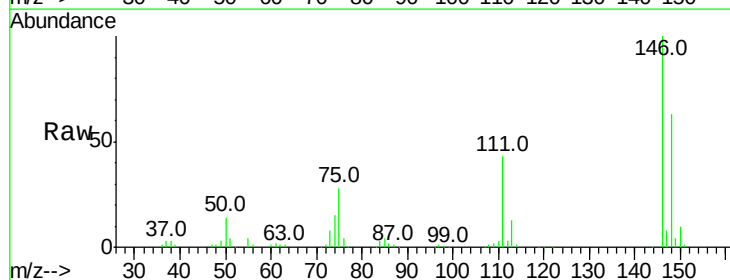
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

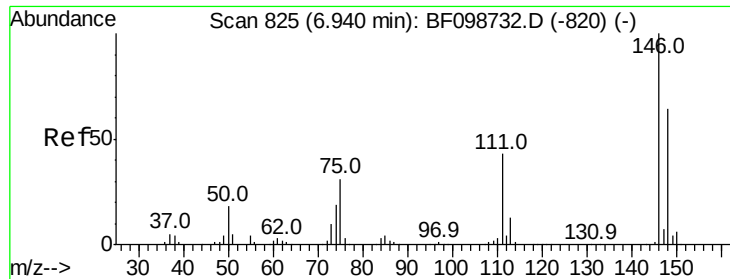
Tot Ion: 93 Resp: 220073
 Ion Ratio Lower Upper
 93 100
 63 73.9 58.6 98.6
 95 31.9 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 40.341 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion: 146 Resp: 258554
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 75 27.5 24.2 36.4

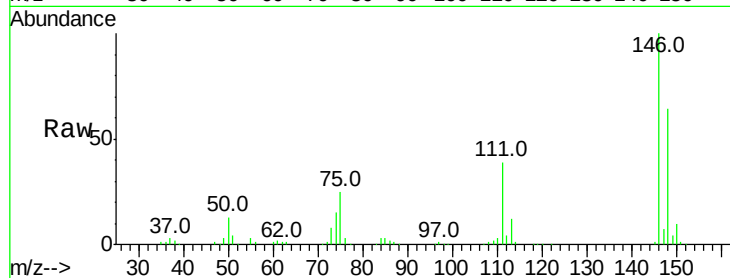




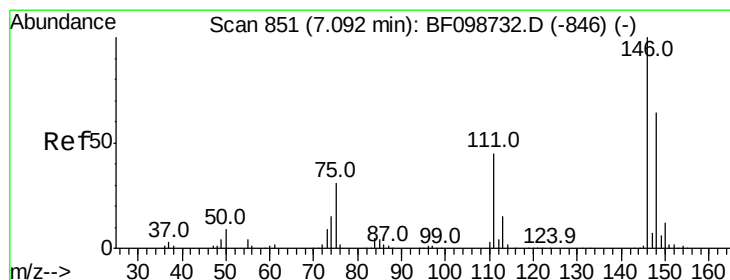
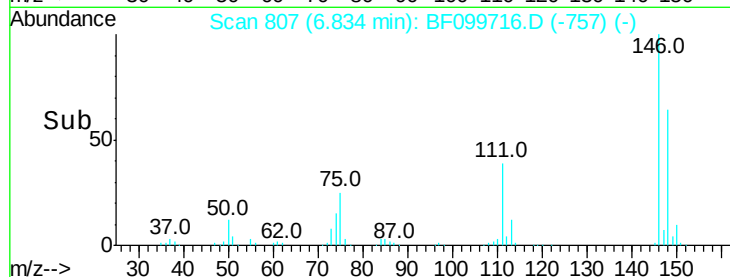
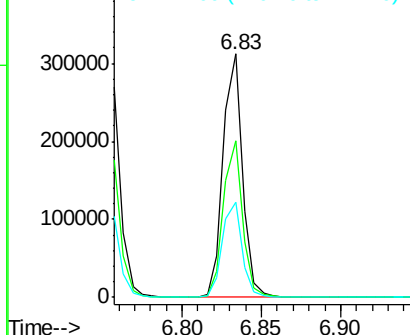
#13
 1,4-Dichlorobenzene
 Concen: 40.539 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	38.9	34.2	51.2

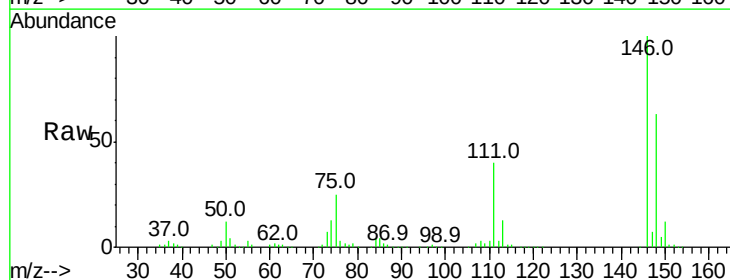


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

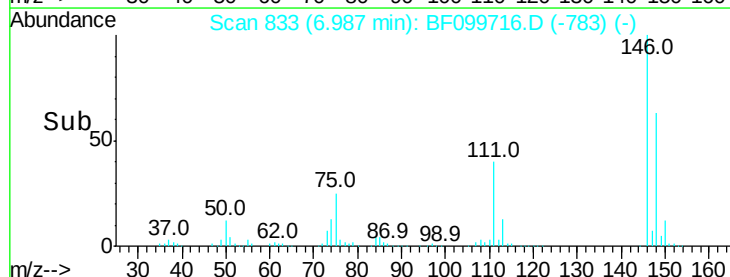
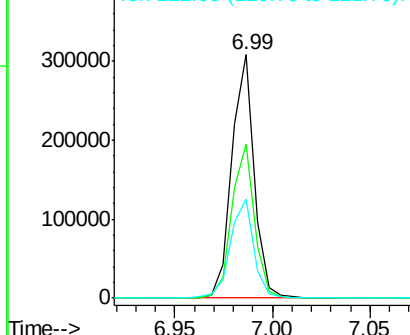


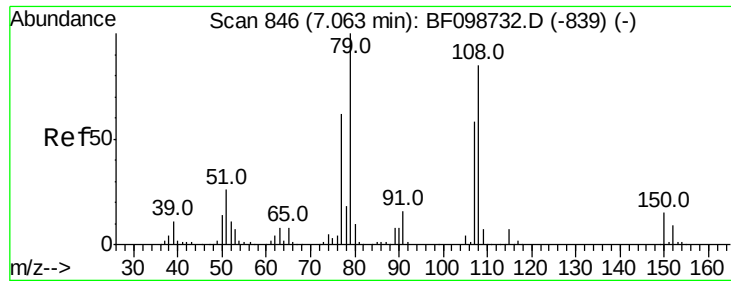
#14
 1,2-Dichlorobenzene
 Concen: 40.543 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	40.5	36.0	54.0



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

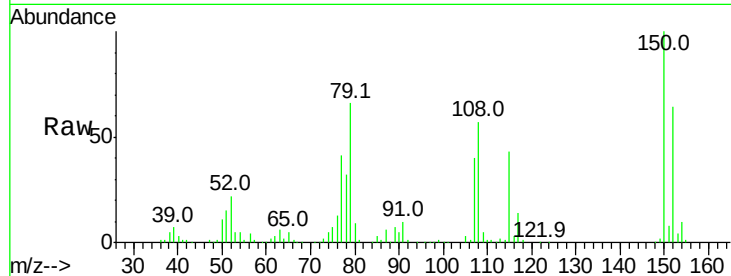




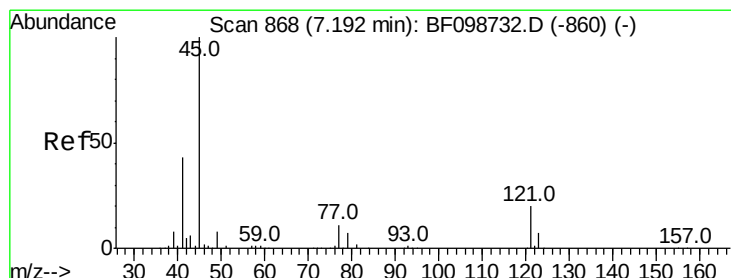
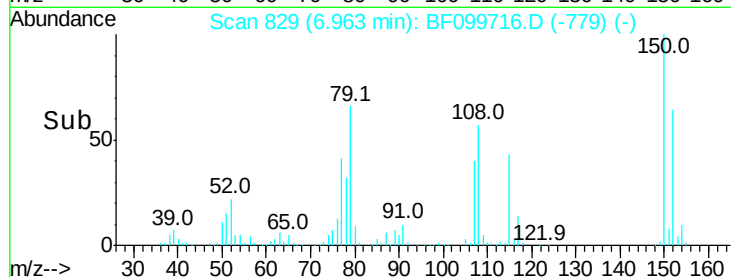
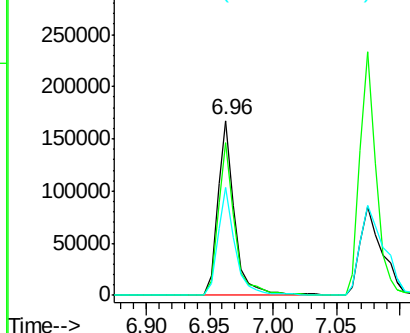
#15
Benzyl Alcohol
Concen: 32.091 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 156945
Ion Ratio Lower Upper
79 100
108 87.7 65.1 97.7
77 62.1 50.6 75.8

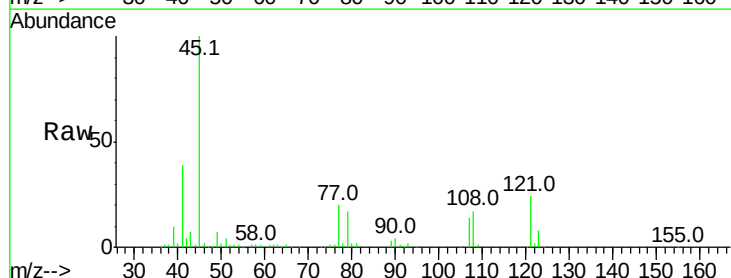


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

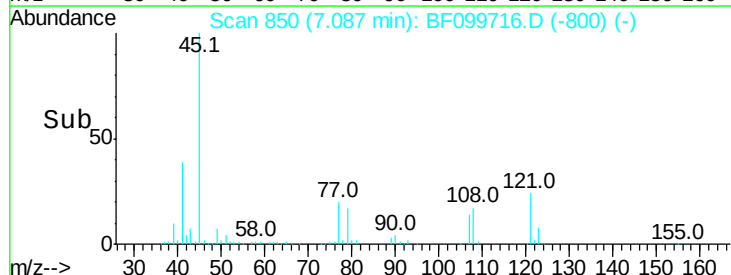
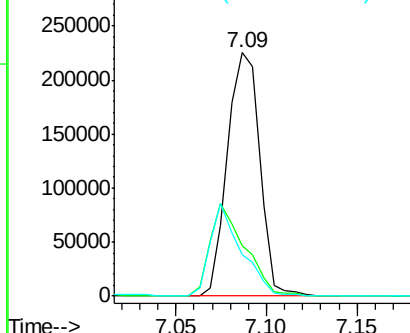


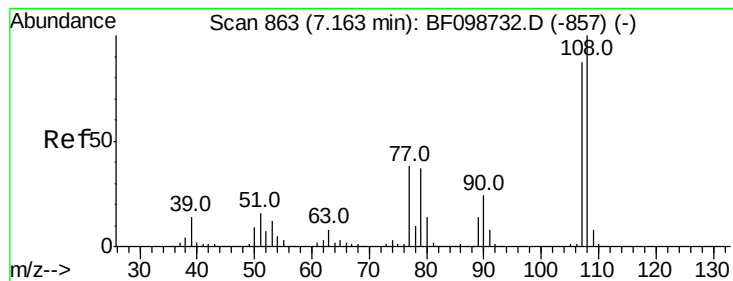
#16
2,2'-oxybis(1-chloropropane)
Concen: 31.100 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion: 45 Resp: 280848
Ion Ratio Lower Upper
45 100
77 20.5 0.0 32.9
79 16.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.109 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 185825

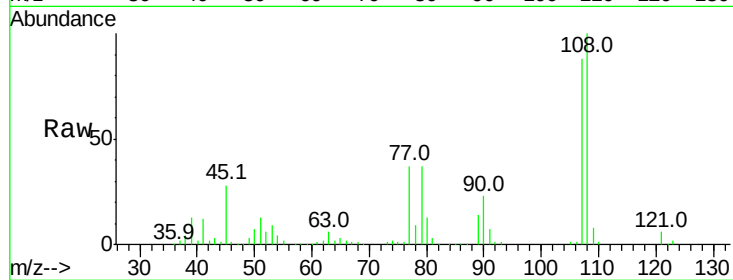
Ion Ratio Lower Upper

107 100

108 113.1 91.7 137.5

77 41.7 33.8 50.8

79 41.3 33.8 50.8

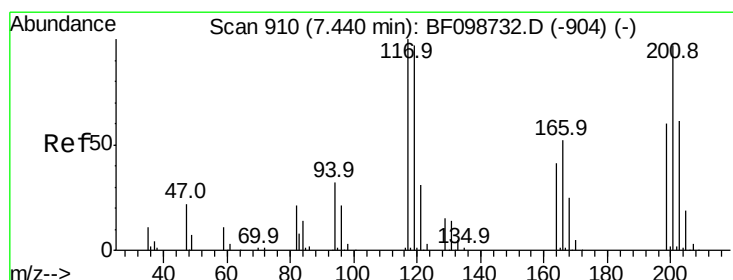
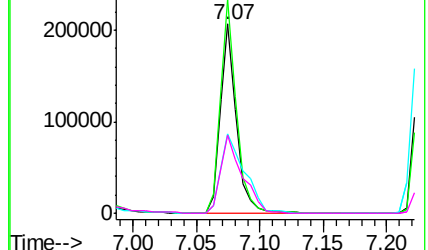
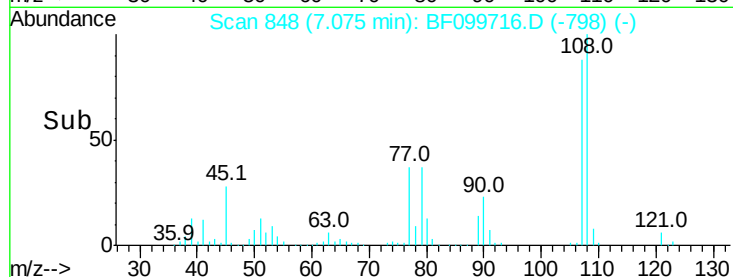


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.556 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

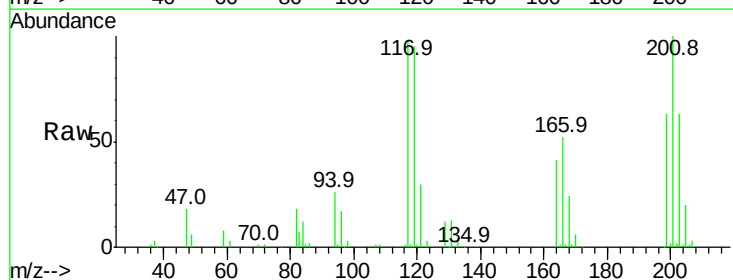
Tgt Ion:117 Resp: 83341

Ion Ratio Lower Upper

117 100

119 97.0 75.8 113.8

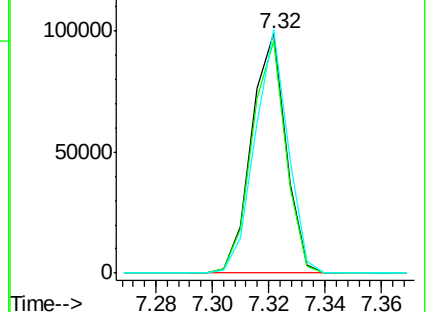
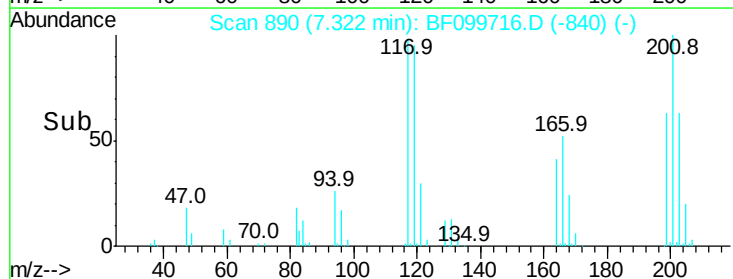
201 101.6 75.7 113.5

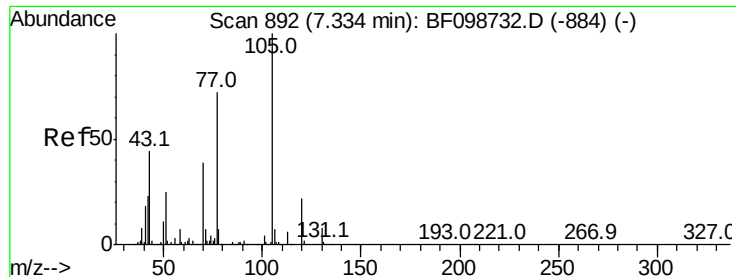


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

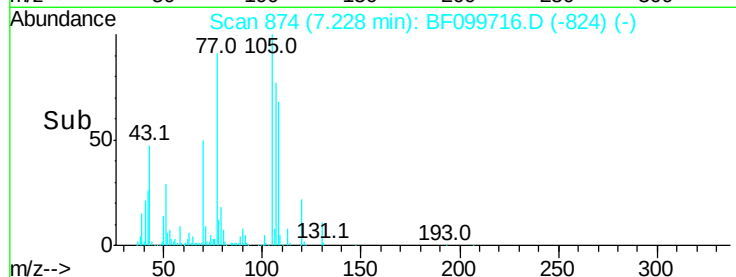
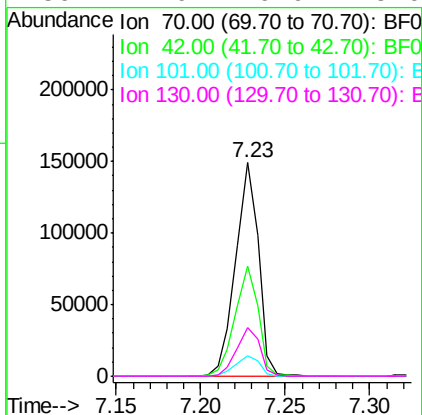
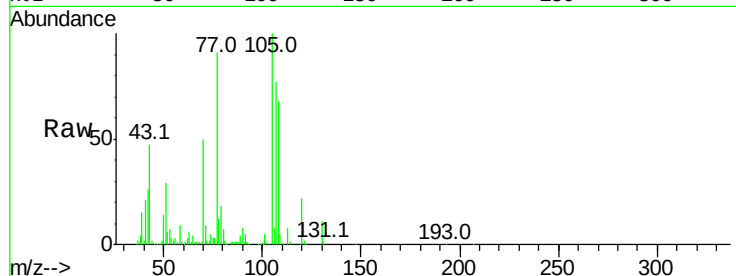




#19
n-Nitroso-di-n-propylamine
Concen: 32.957 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

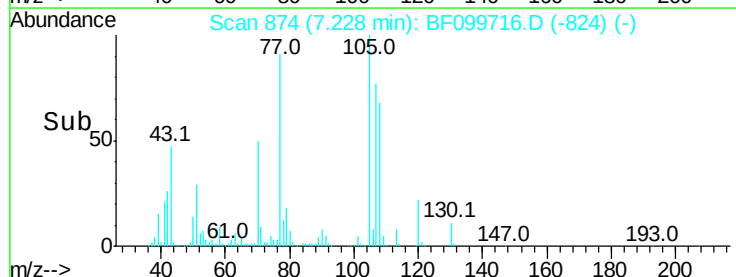
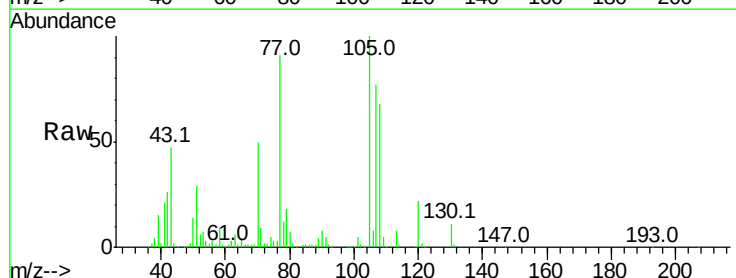
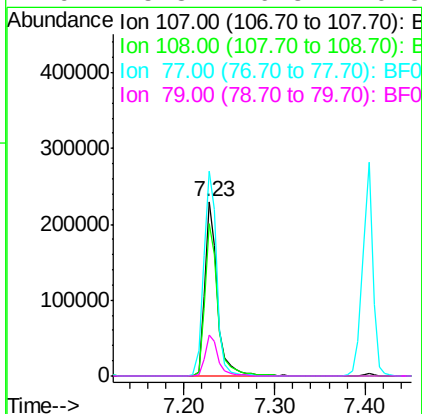
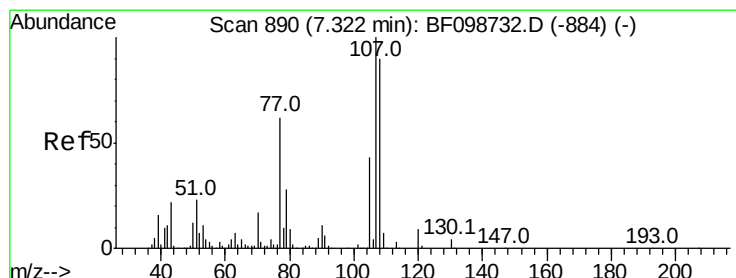
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

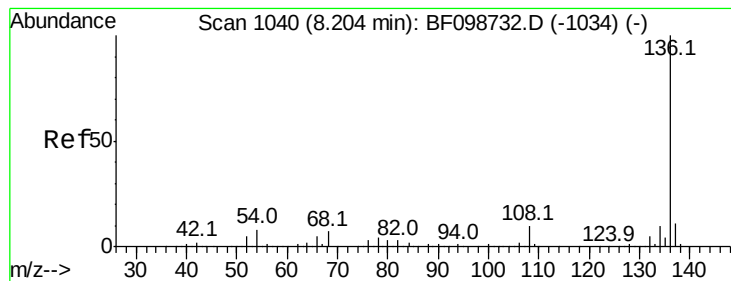
Tot Ion:	70	Resp:	140274
Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.5	71.3
101	9.5	7.4	11.2
130	22.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.932 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion:	107	Resp:	227624
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	117.3	26.7	66.7#
79	23.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 337637

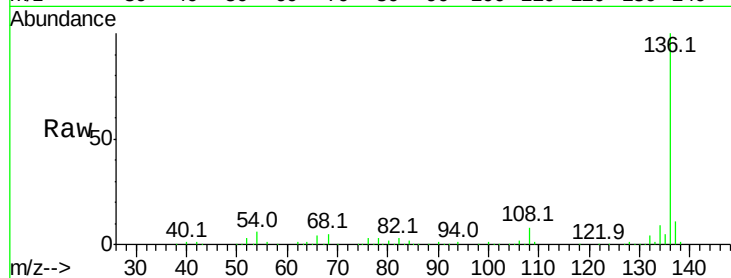
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.2 6.6 9.8#

68 5.3 5.0 7.4

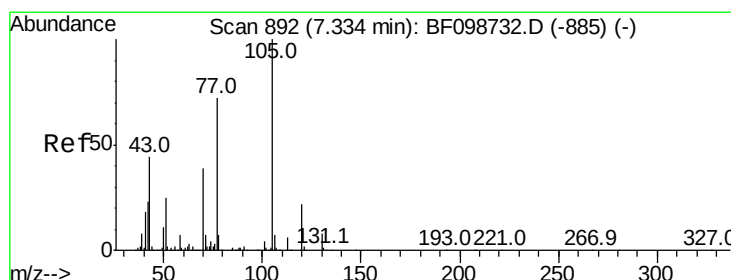
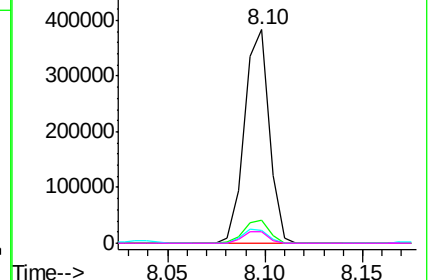
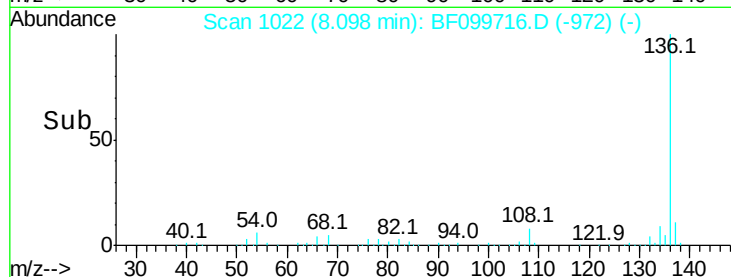


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.682 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Tgt Ion:105 Resp: 308254

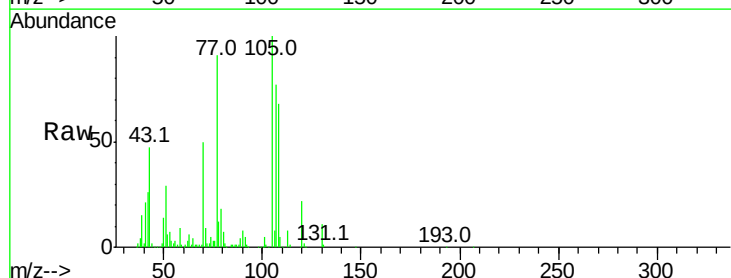
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 28.9 22.3 33.5

120 21.5 16.9 25.3

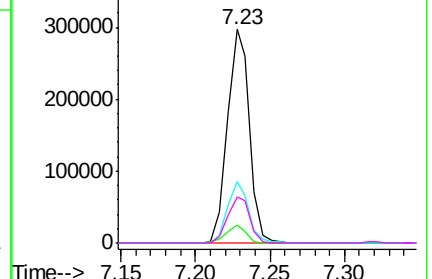
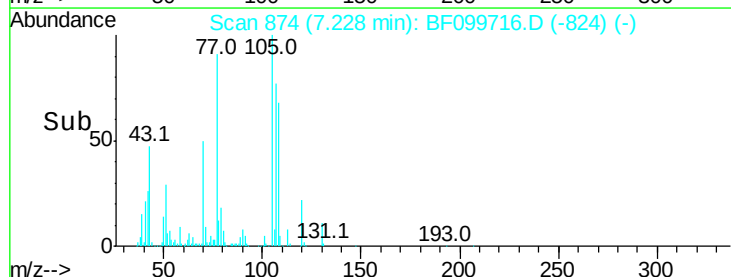


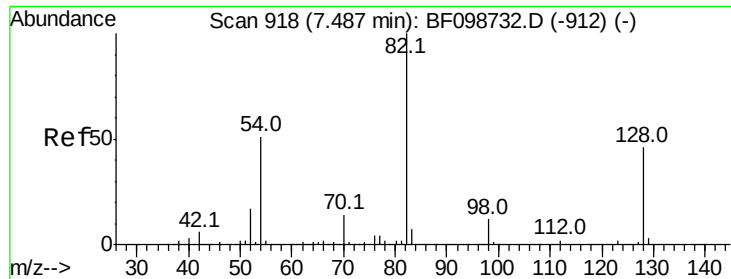
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

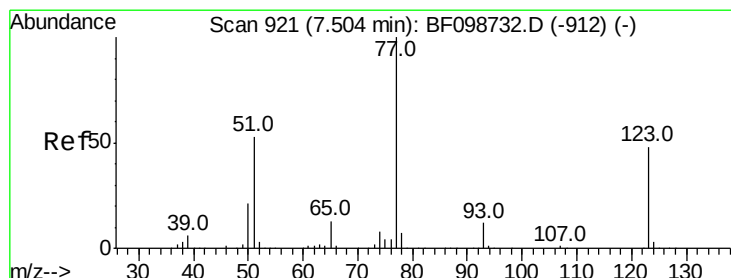
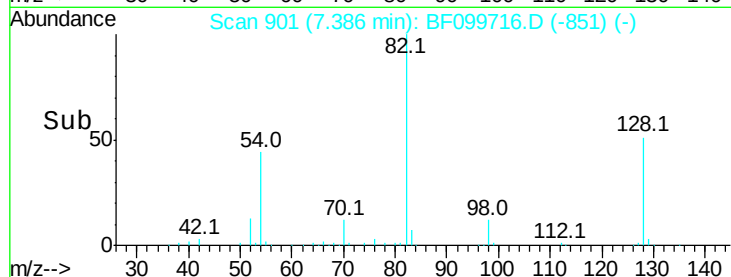
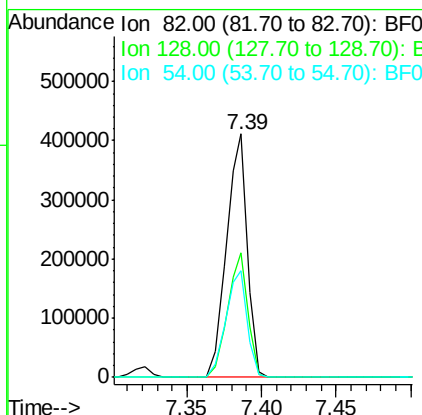
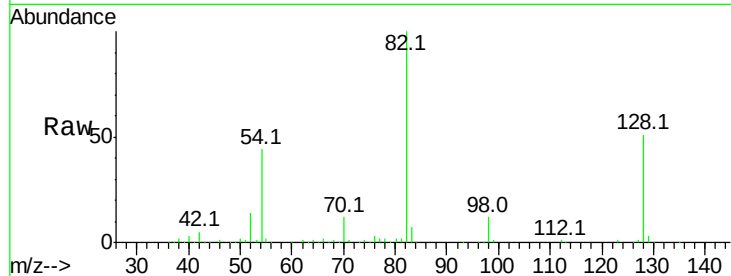




#23
 Nitrobenzene-d5
 Concen: 77.017 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

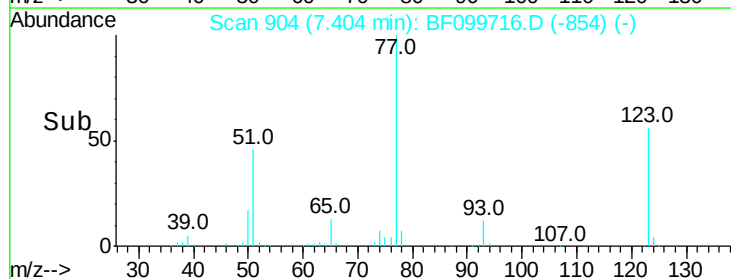
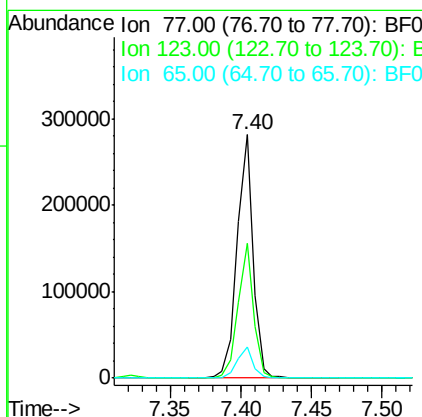
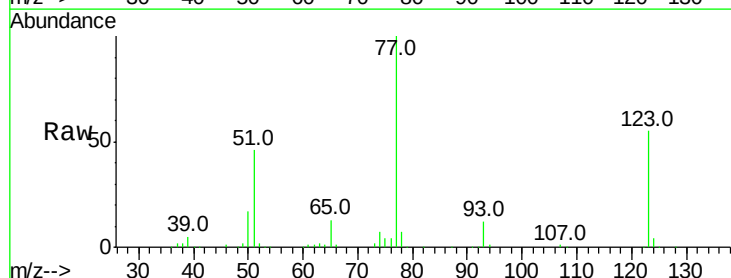
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

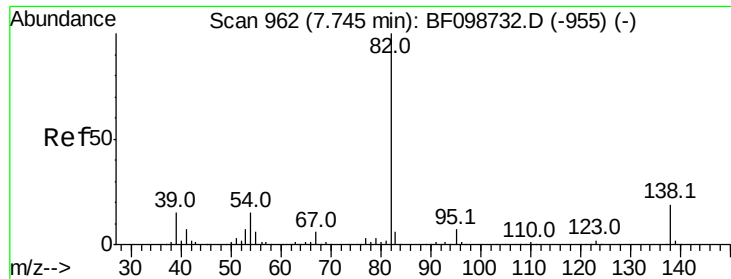
Tot Ion: 82 Resp: 405487
 Ion Ratio Lower Upper
 82 100
 128 51.2 36.1 54.1
 54 43.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 37.314 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion: 77 Resp: 222851
 Ion Ratio Lower Upper
 77 100
 123 55.3 37.9 56.9
 65 12.7 11.0 16.4





#25

Isophorone

Concen: 37.294 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

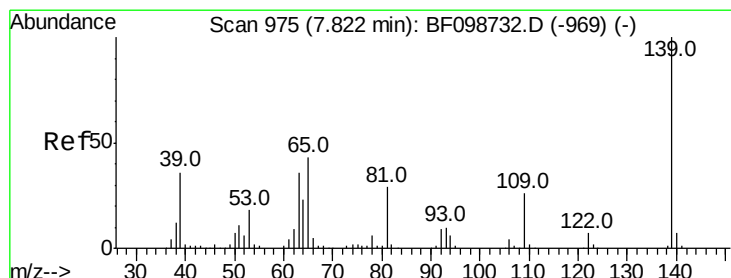
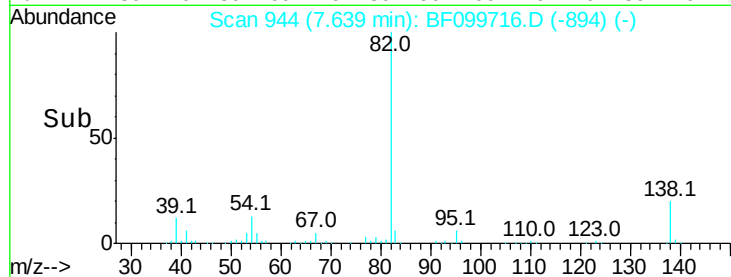
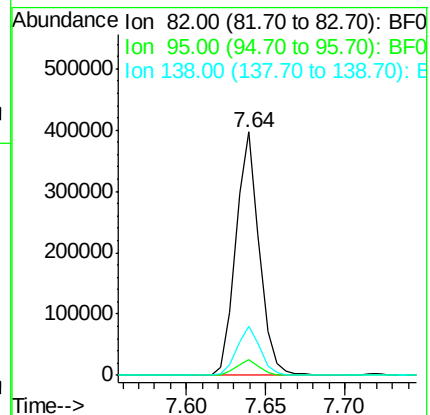
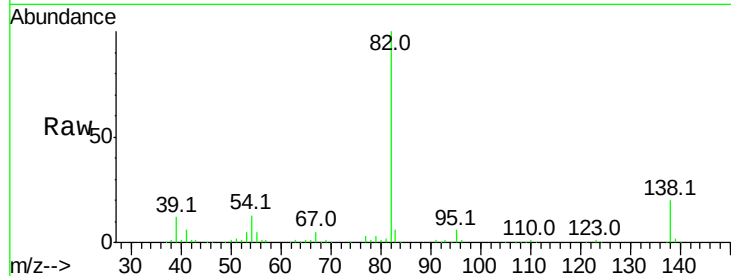
Tot Ion: 82 Resp: 405947

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 20.2 14.9 22.3



#26

2-Nitrophenol

Concen: 44.626 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

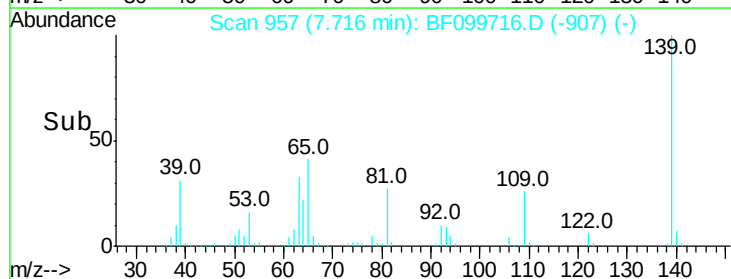
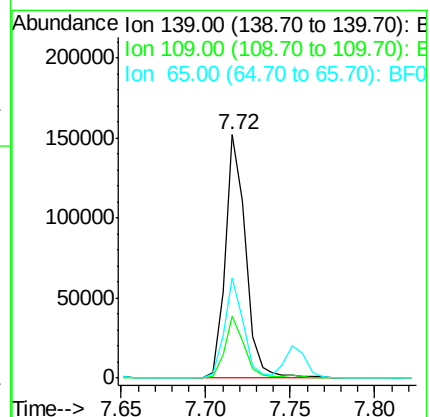
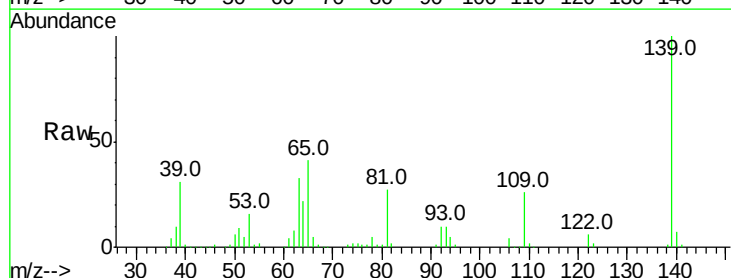
Tgt Ion: 139 Resp: 128163

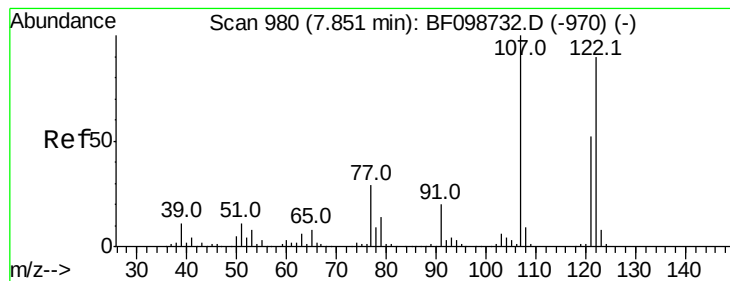
Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 41.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.752 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

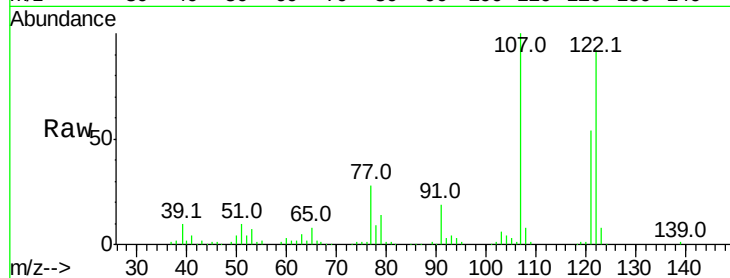
Tot Ion:122 Resp: 204758

Ion Ratio Lower Upper

122 100

107 109.1 91.2 136.8

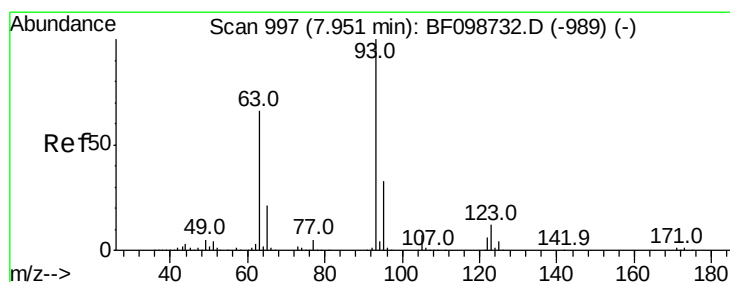
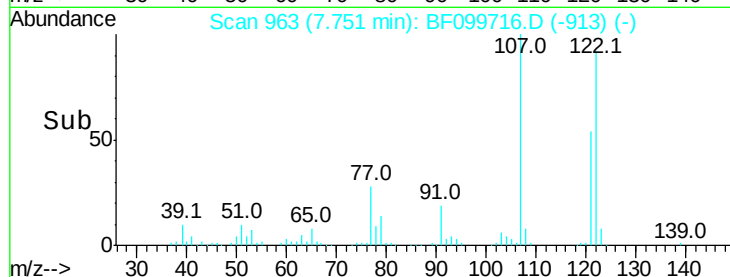
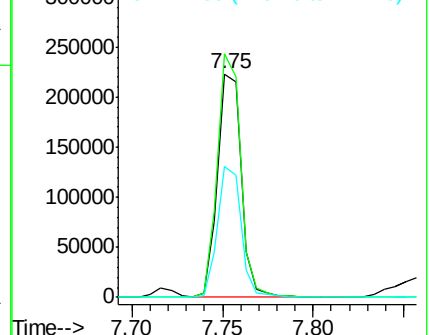
121 58.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.312 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

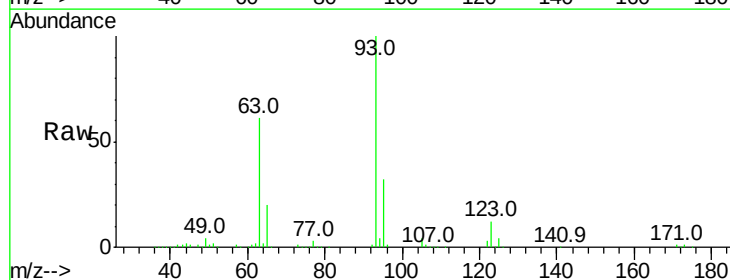
Tgt Ion: 93 Resp: 266670

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

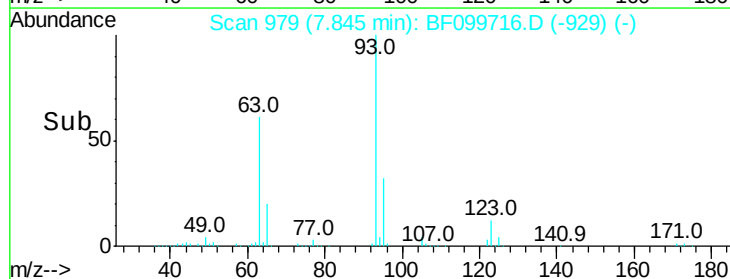
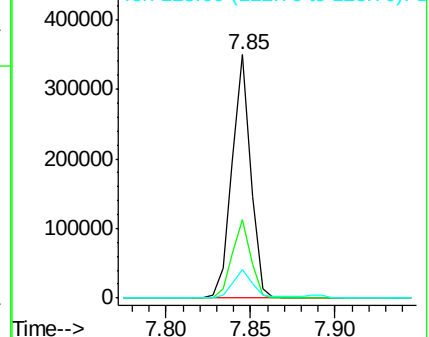
123 11.7 9.8 14.6

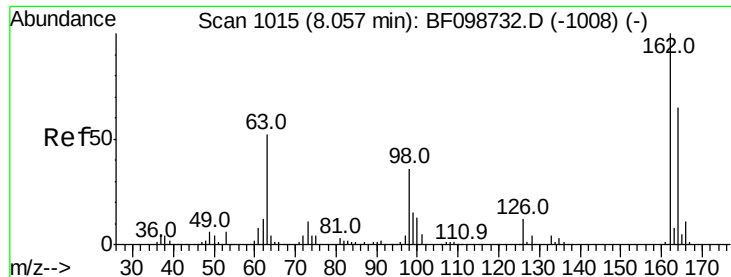


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

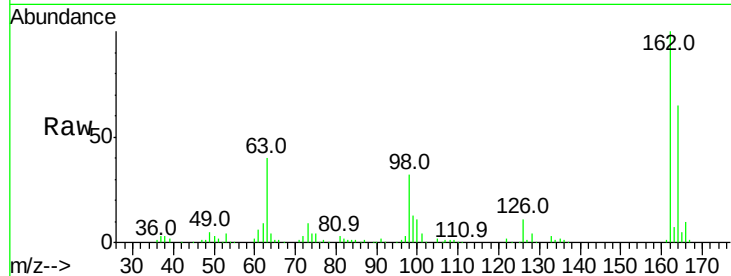




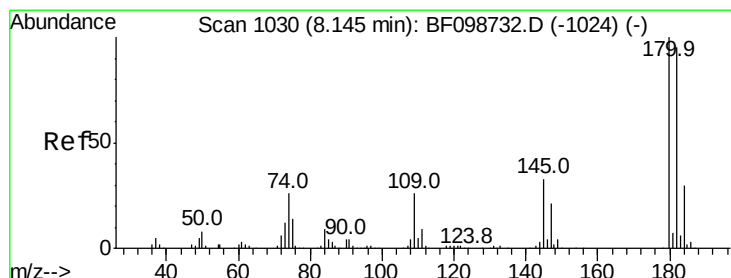
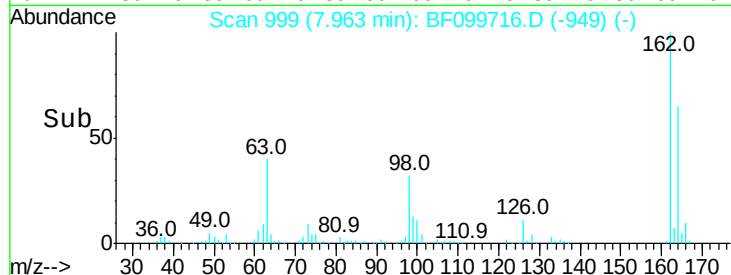
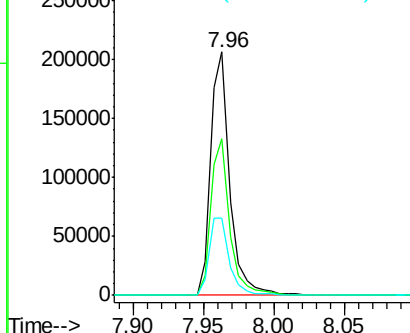
#29
 2,4-Dichlorophenol
 Concen: 41.584 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	31.6	18.1	58.1

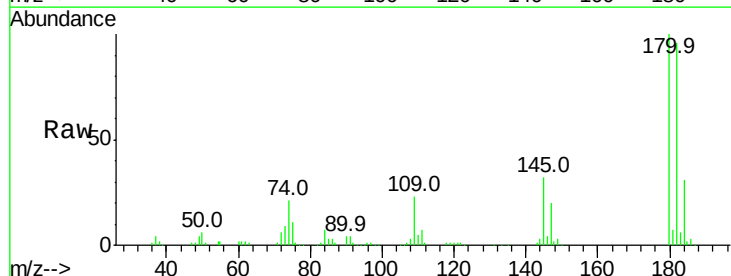


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

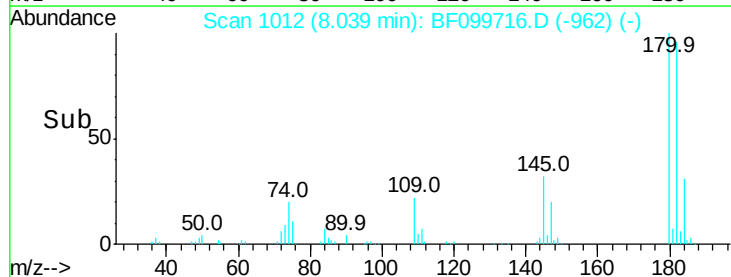
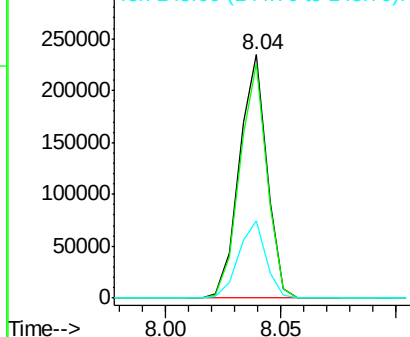


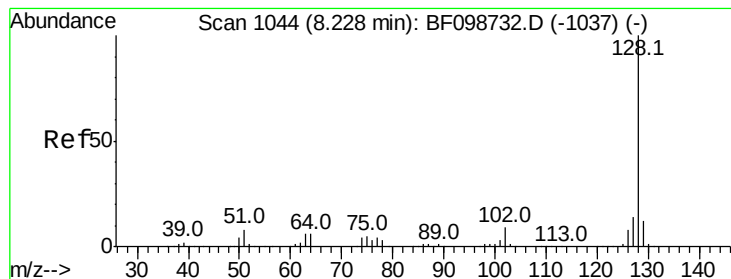
#30
 1,2,4-Trichlorobenzene
 Concen: 41.991 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.8	115.2
145	31.5	26.5	39.7



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: 40.292 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

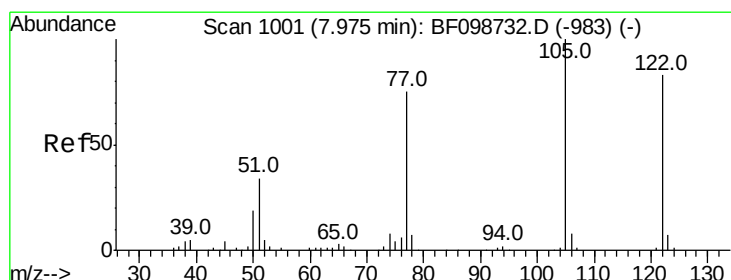
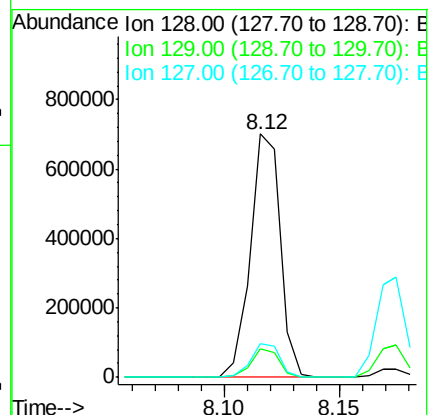
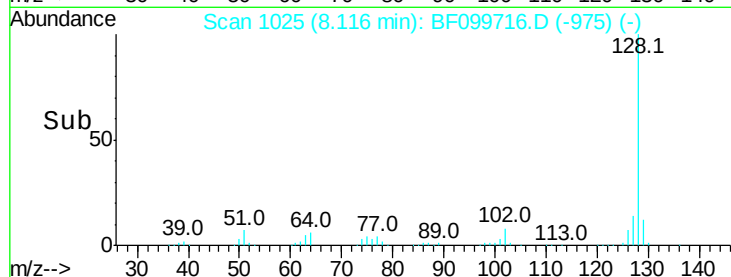
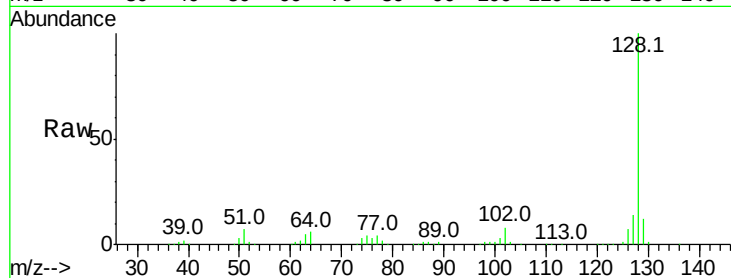
Tot Ion:128 Resp: 638938

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 29.785 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

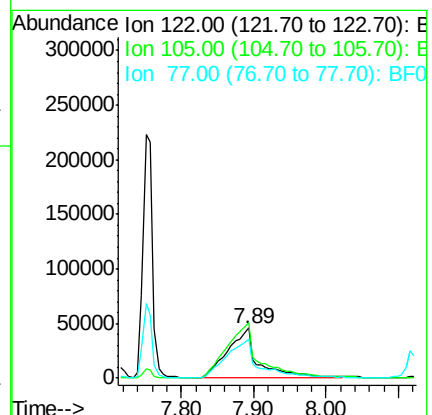
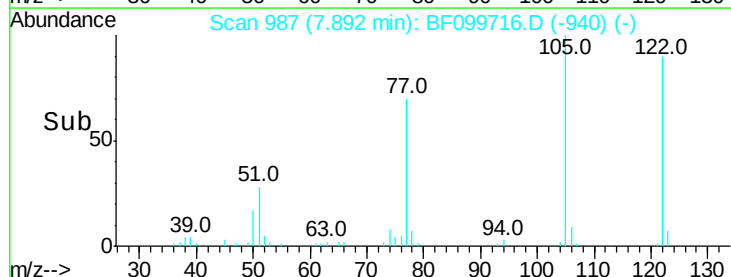
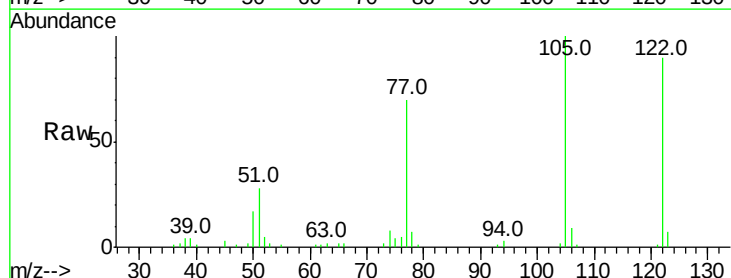
Tgt Ion:122 Resp: 132697

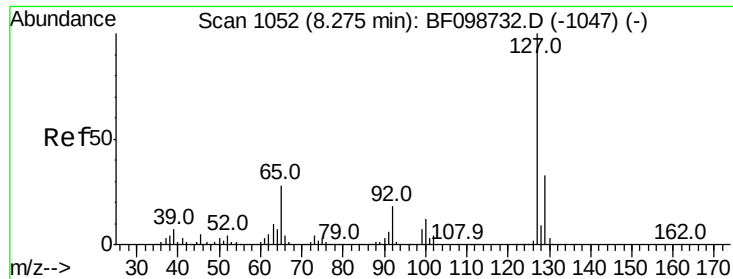
Ion Ratio Lower Upper

122 100

105 111.5 101.1 141.1

77 78.5 70.7 110.7

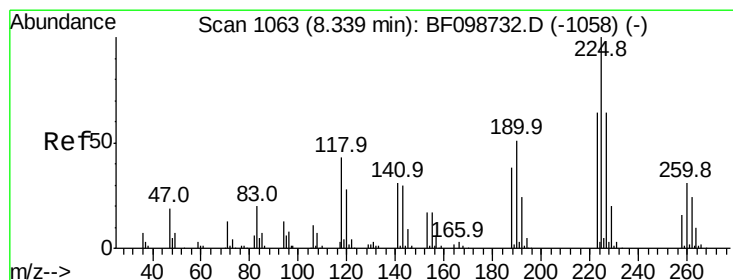
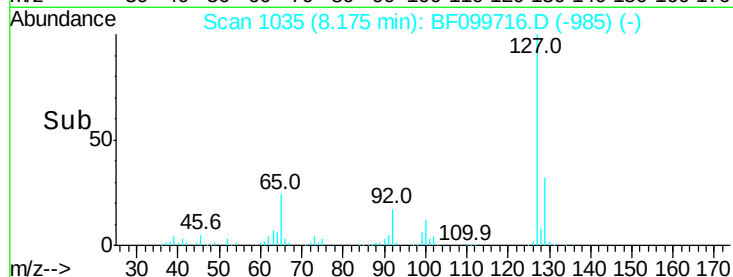
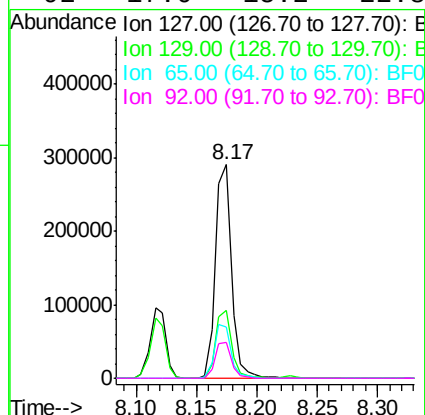
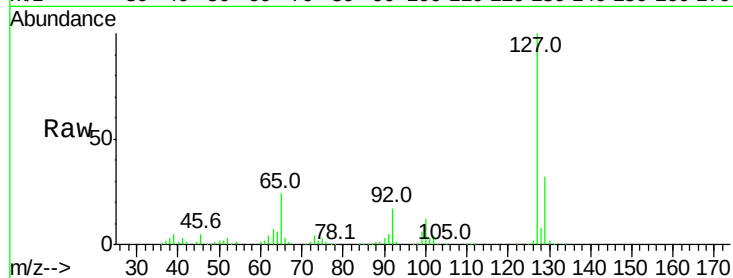




#33
4-Chloroaniline
Concen: 39.991 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

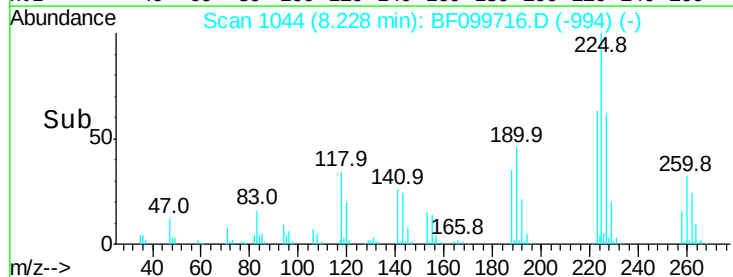
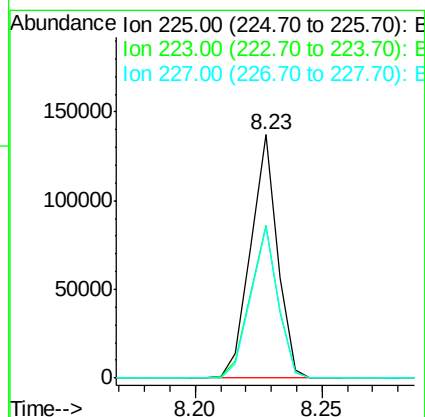
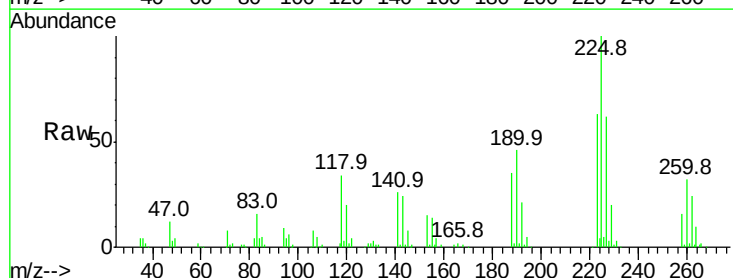
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

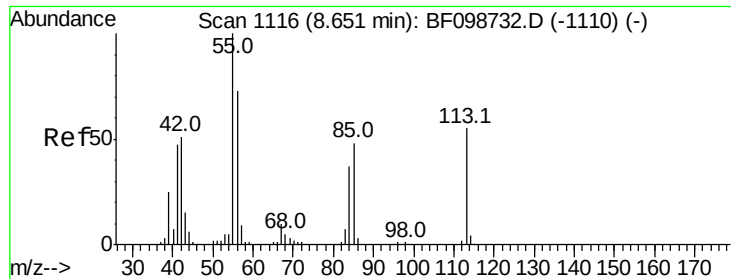
Tot Ion:	127	Resp:	264825
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	24.1	25.0	37.4
92	17.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.295 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion:	225	Resp:	101462
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	62.5	51.9	77.9

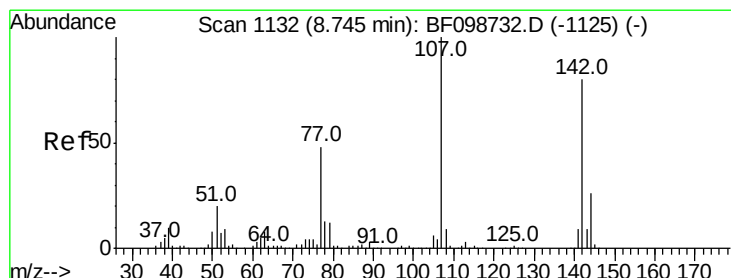
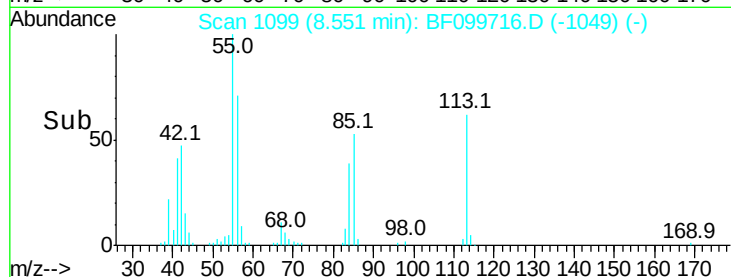
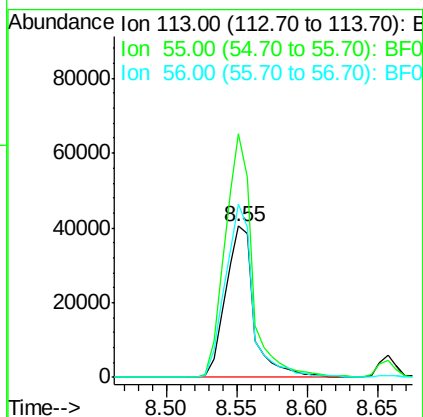
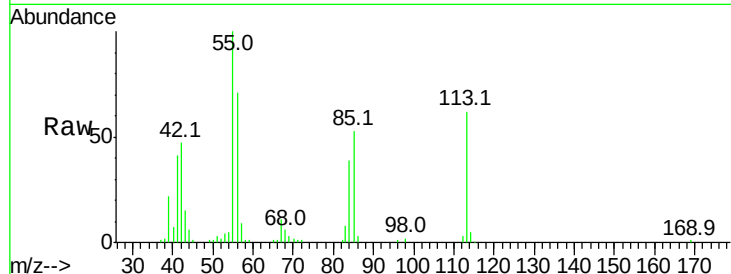




#35
 Caprolactam
 Concen: 37.689 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

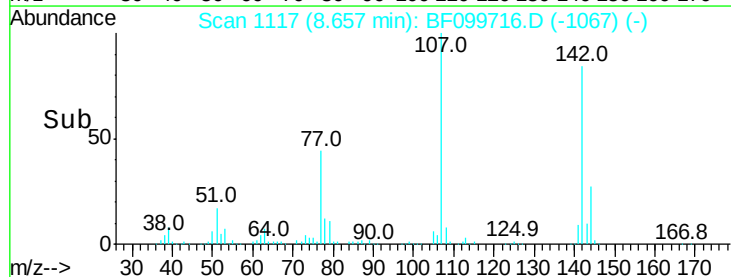
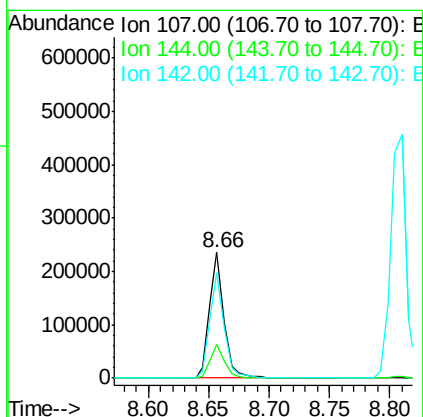
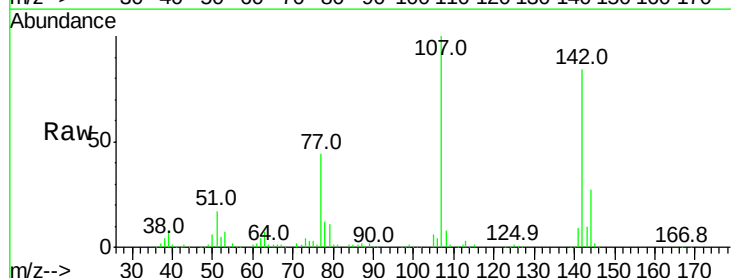
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

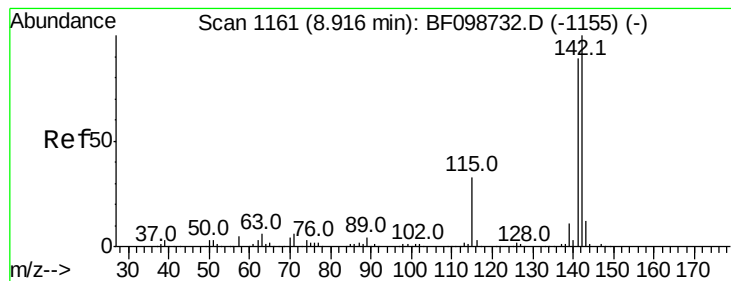
Tot Ion:113 Resp: 56297
 Ion Ratio Lower Upper
 113 100
 55 160.9 163.3 203.3#
 56 114.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 37.246 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:107 Resp: 194945
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.5 30.7
 142 84.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.462 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

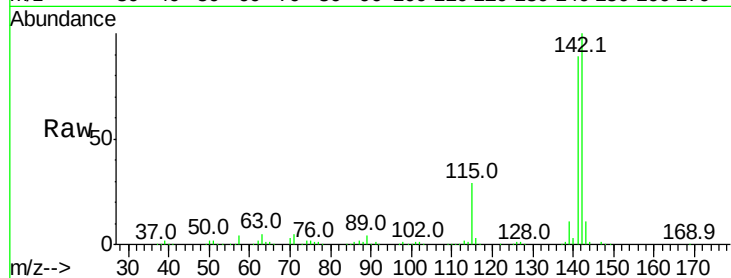
Tot Ion:142 Resp: 406800

Ion Ratio Lower Upper

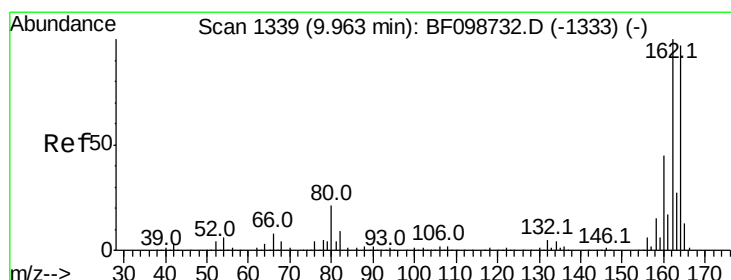
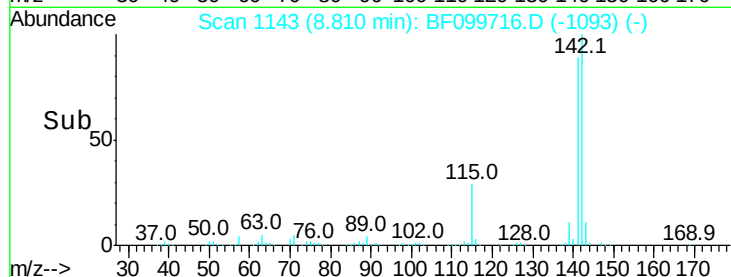
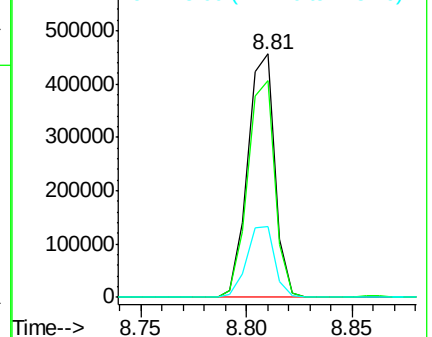
142 100

141 88.9 70.8 106.2

115 29.0 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

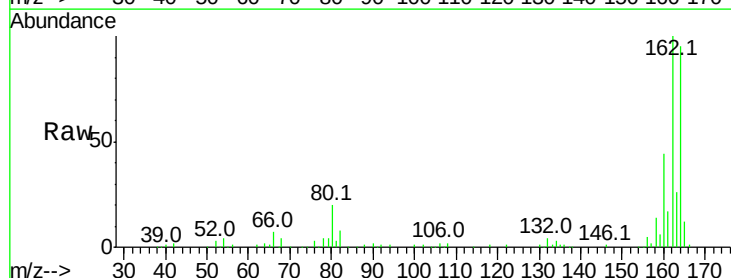
Tgt Ion:164 Resp: 138264

Ion Ratio Lower Upper

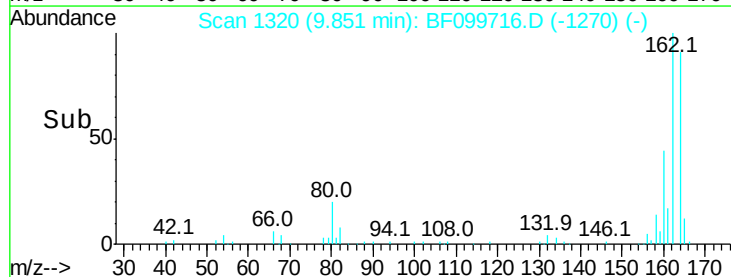
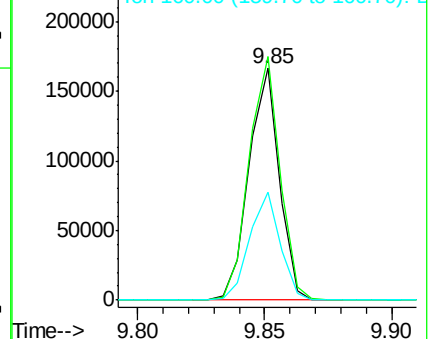
164 100

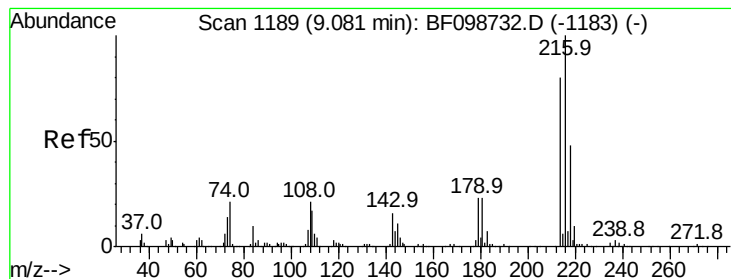
162 105.0 86.1 129.1

160 46.5 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.373 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 191214

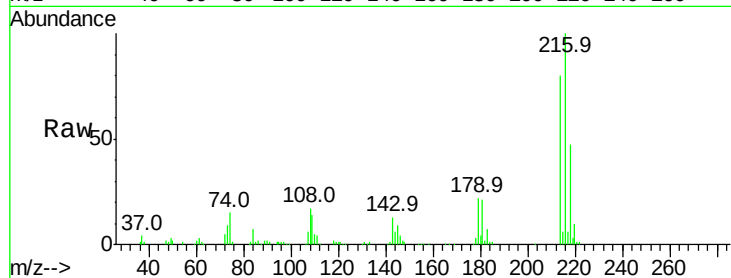
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 21.6 18.1 27.1

108 17.2 17.2 25.8#

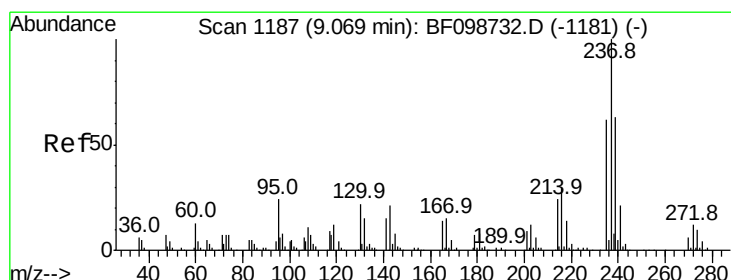
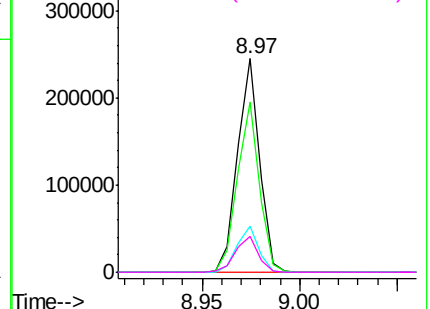
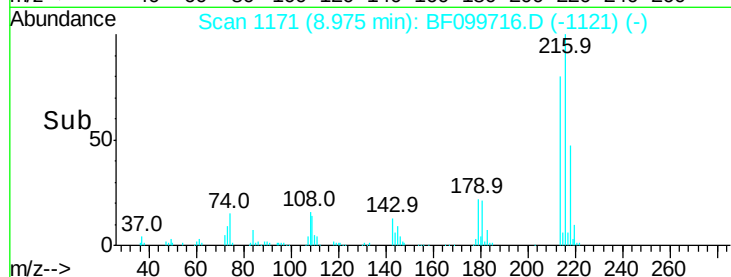


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 2.014 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

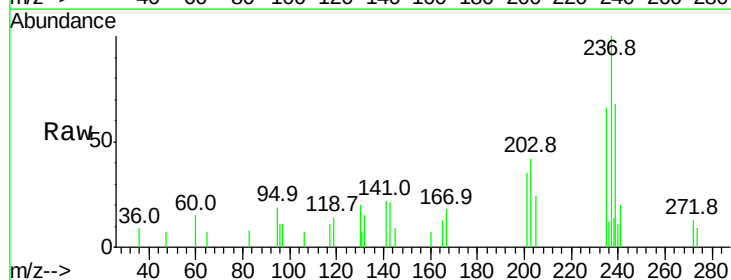
Tgt Ion:237 Resp: 3795

Ion Ratio Lower Upper

237 100

235 66.5 44.8 84.8

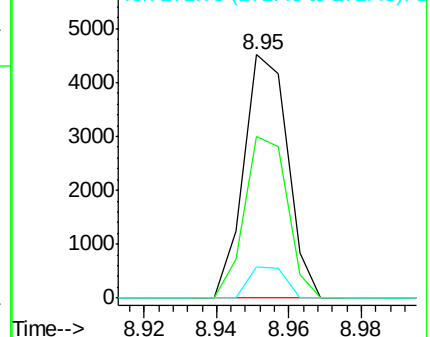
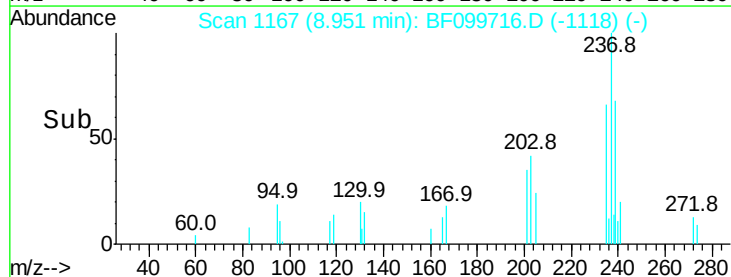
272 13.0 0.0 33.3

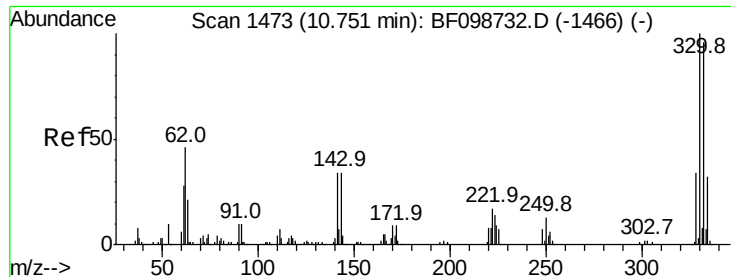


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

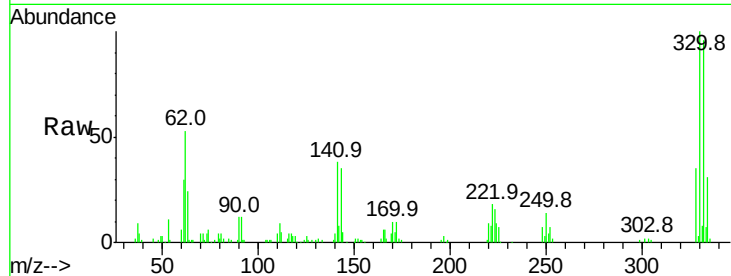




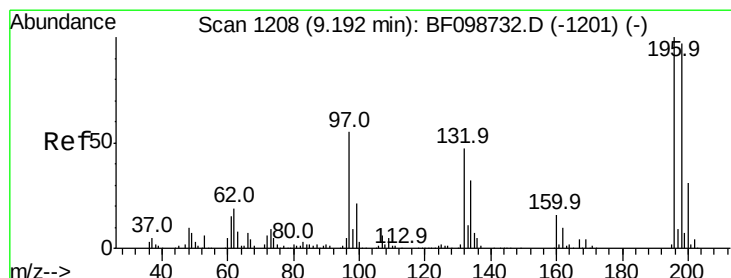
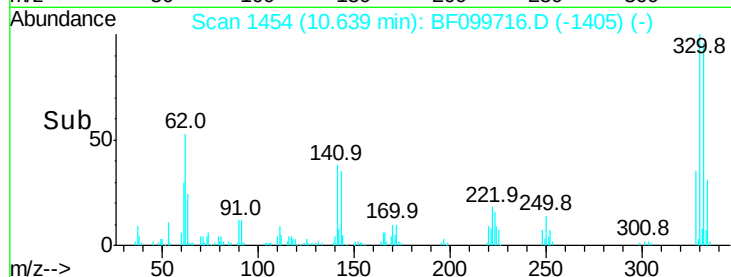
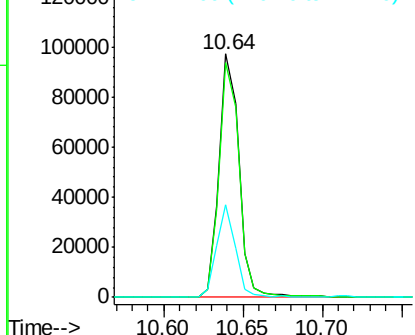
#41
 2,4,6-Tribromophenol
 Concen: 75.508 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:330 Resp: 85428
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 35.5 29.9 44.9

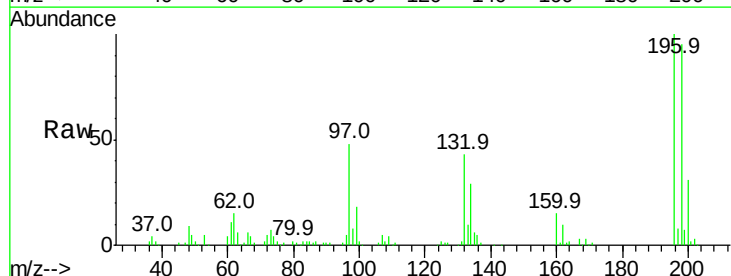


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

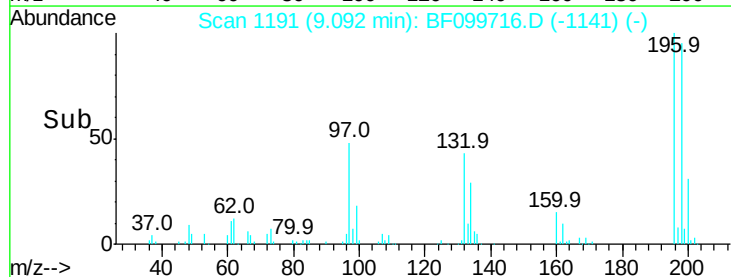
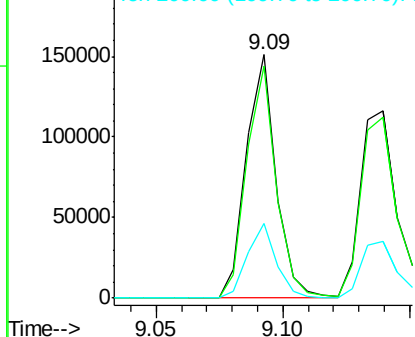


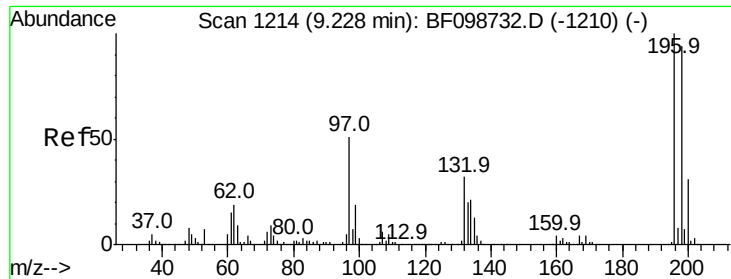
#42
 2,4,6-Trichlorophenol
 Concen: 42.483 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:196 Resp: 124101
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 30.8 24.5 36.7



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

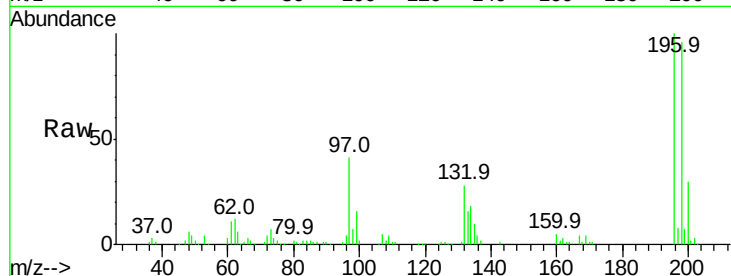




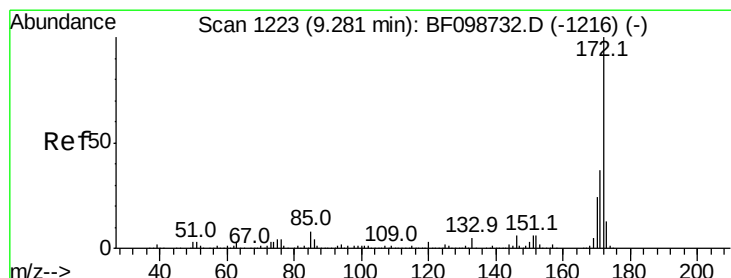
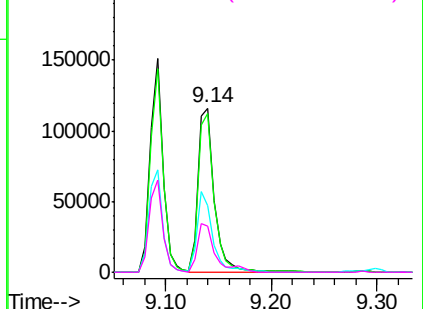
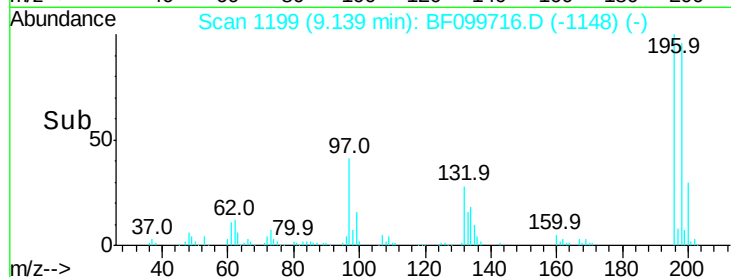
#43
 2,4,5-Trichlorophenol
 Concen: 42.230 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	123145
Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.6	112.0
97	40.9	42.9	64.3#
132	28.1	26.3	39.5

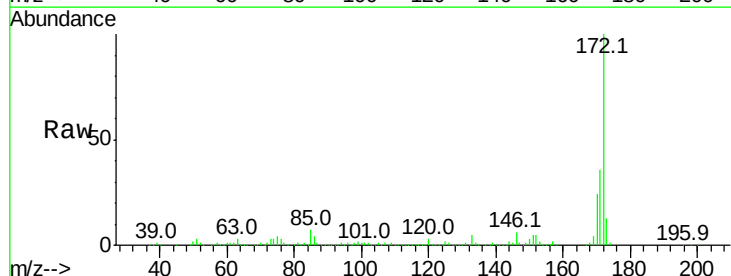


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

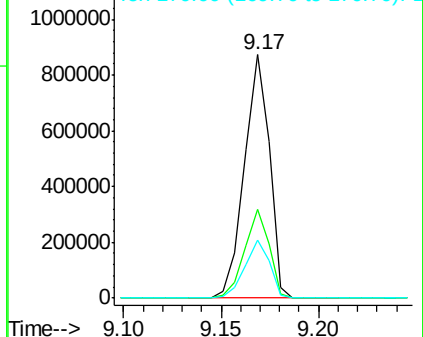
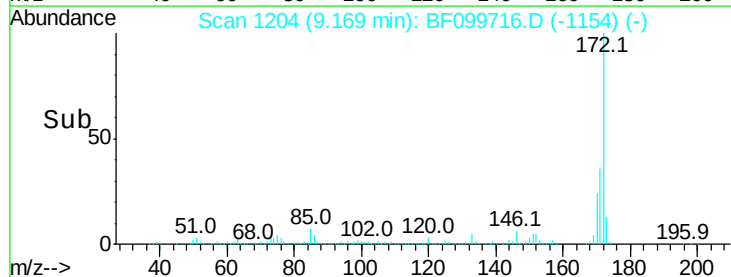


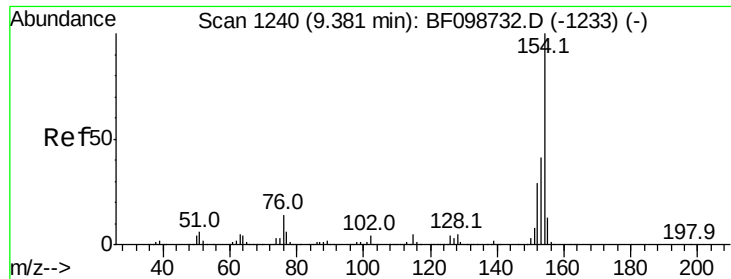
#44
 2-Fluorobiphenyl
 Concen: 93.545 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:	172	Resp:	774757
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 44.322 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

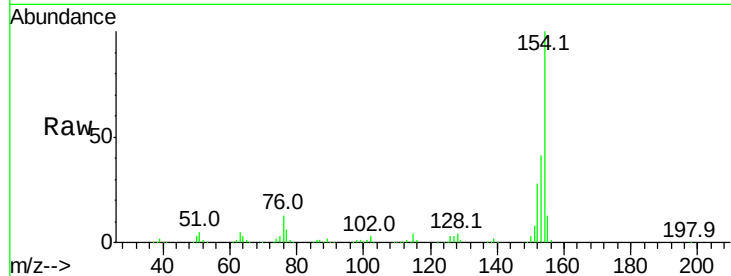
Tot Ion:154 Resp: 526672

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

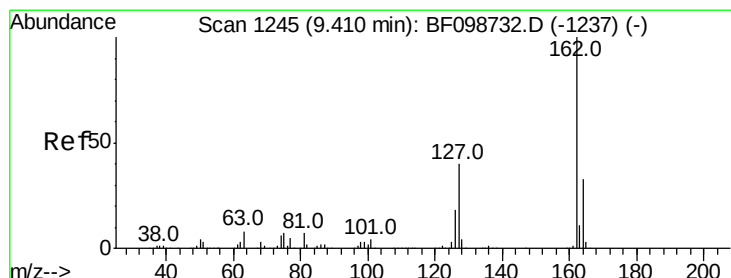
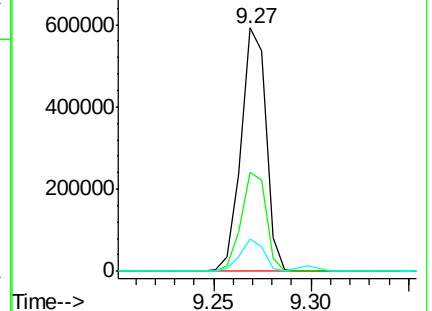
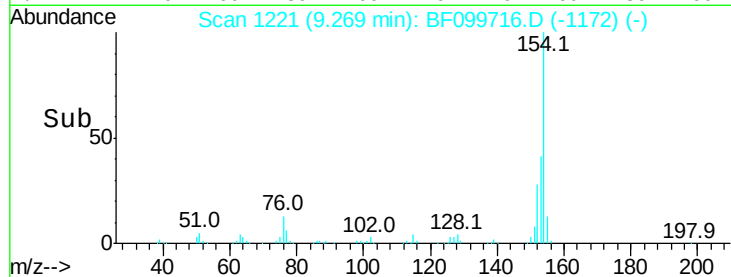
76 13.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 43.464 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

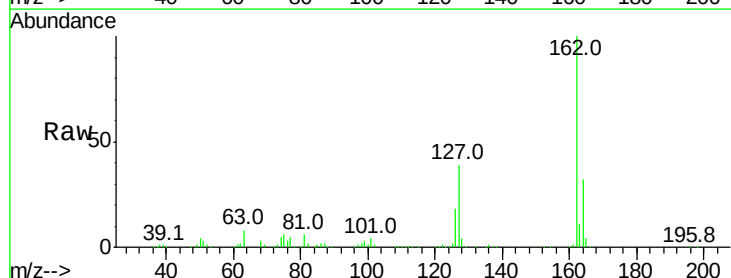
Tgt Ion:162 Resp: 387786

Ion Ratio Lower Upper

162 100

127 38.6 33.9 50.9

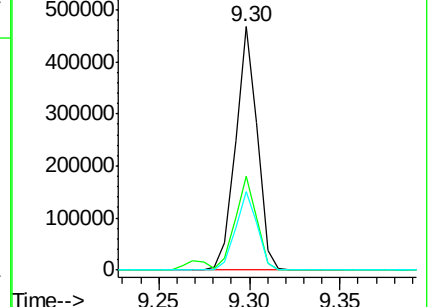
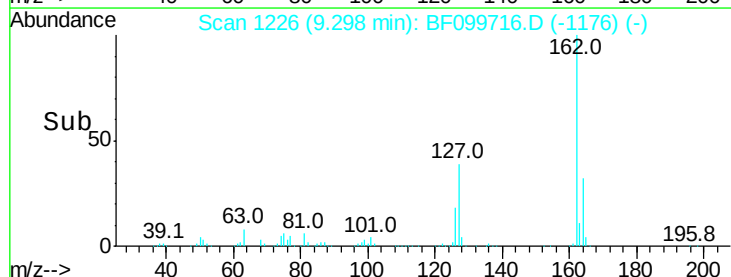
164 32.2 26.5 39.7

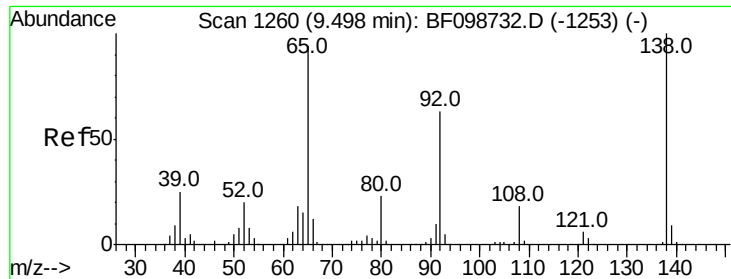


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.672 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

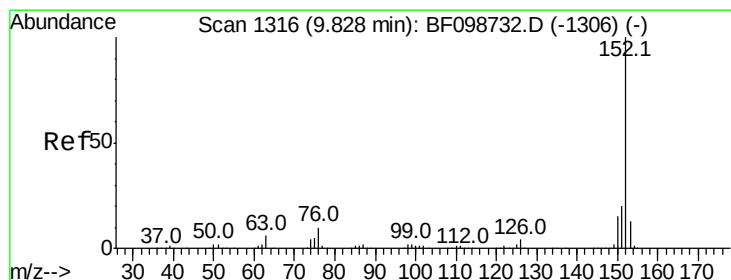
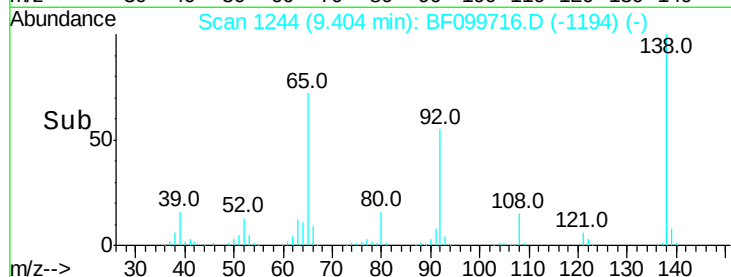
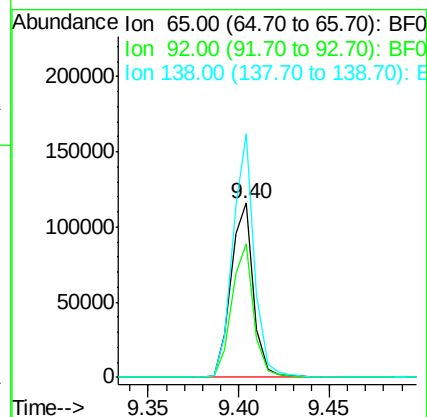
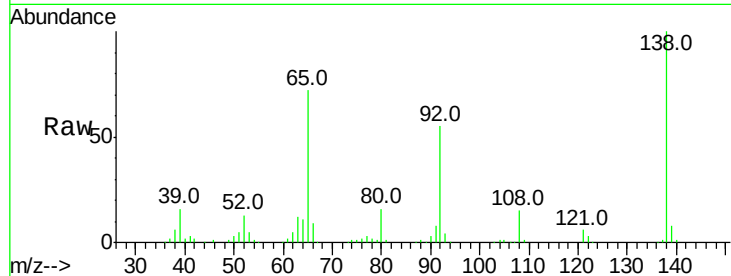
Tot Ion: 65 Resp: 100185

Ion Ratio Lower Upper

65 100

92 76.6 55.8 83.6

138 139.6 91.2 136.8#



#48

Acenaphthylene

Concen: 40.835 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

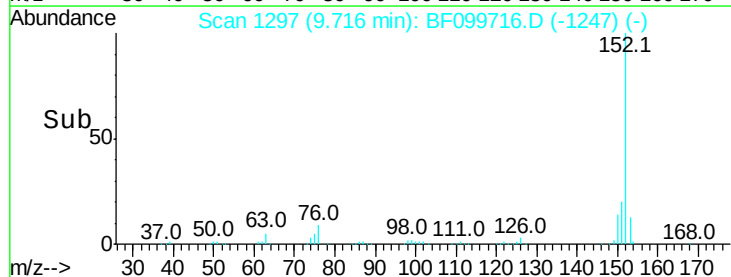
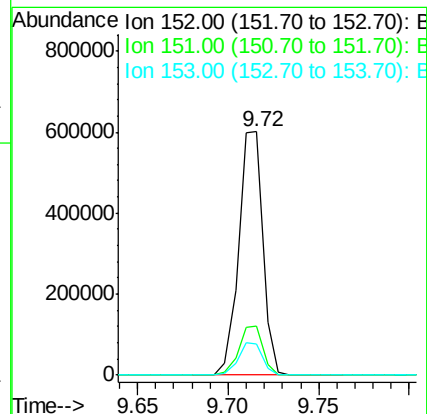
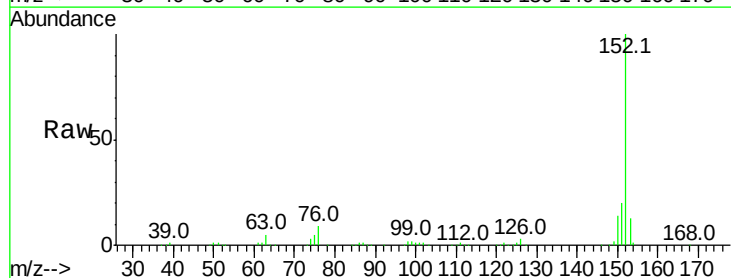
Tgt Ion: 152 Resp: 557724

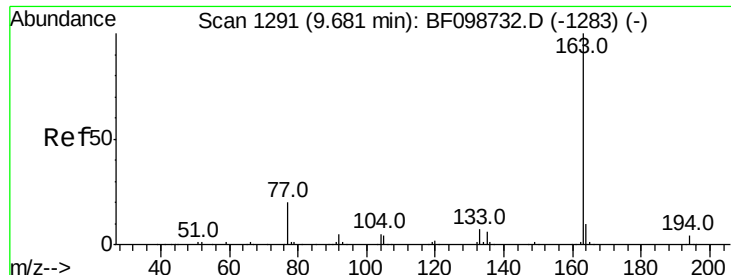
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 12.9 10.7 16.1

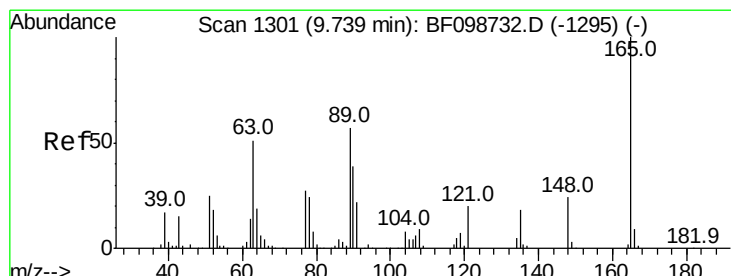
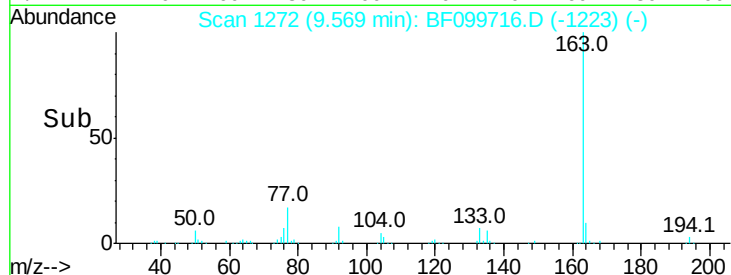
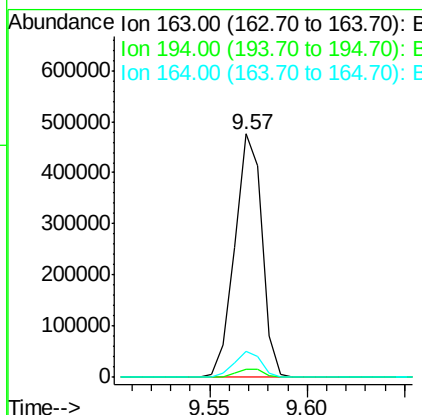
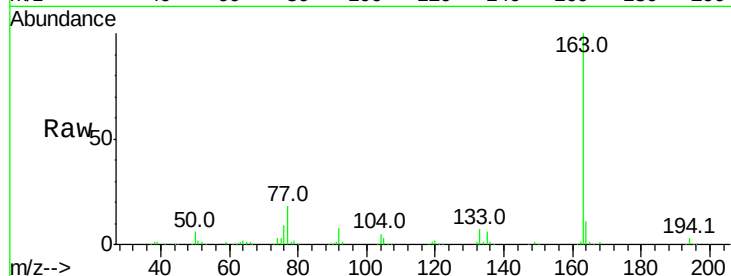




#49
 Dimethylphthalate
 Concen: 44.083 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

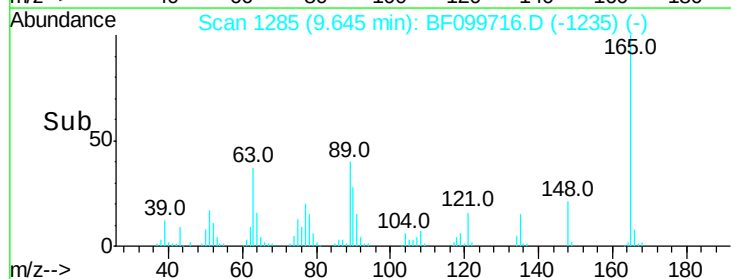
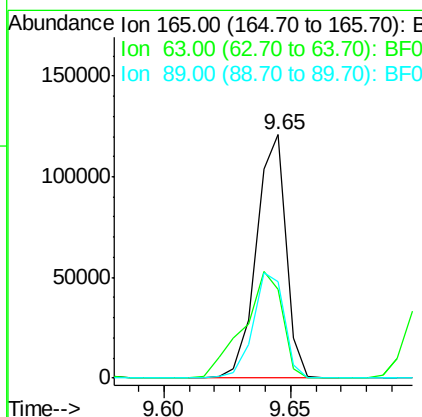
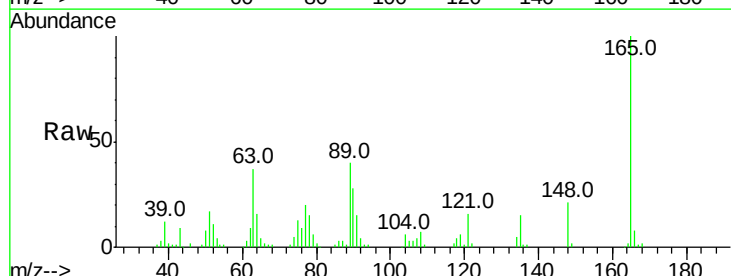
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

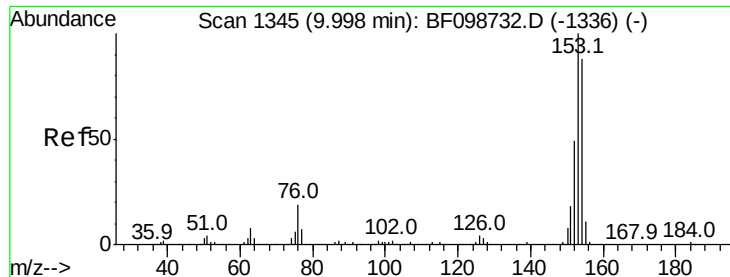
Tot Ion:163	Resp:	460019
Ion Ratio	Lower	Upper
163	100	
194	3.2	2.7 4.1
164	10.5	8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 43.488 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:165	Resp:	98798
Ion Ratio	Lower	Upper
165	100	
63	36.7	44.7 67.1#
89	39.8	44.0 66.0#





#51

Acenaphthene

Concen: 37.956 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

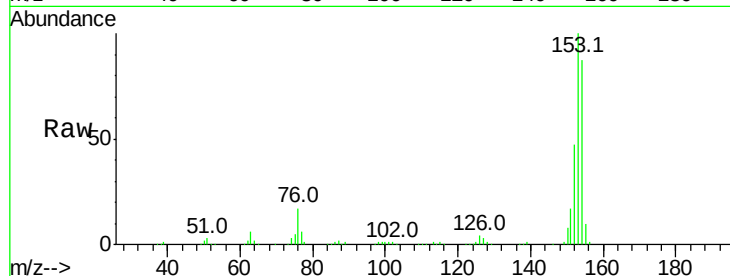
Tot Ion:154 Resp: 328384

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

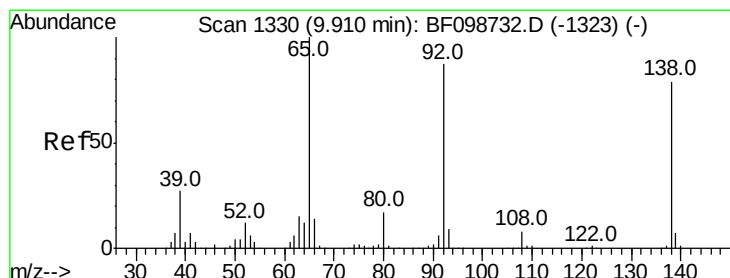
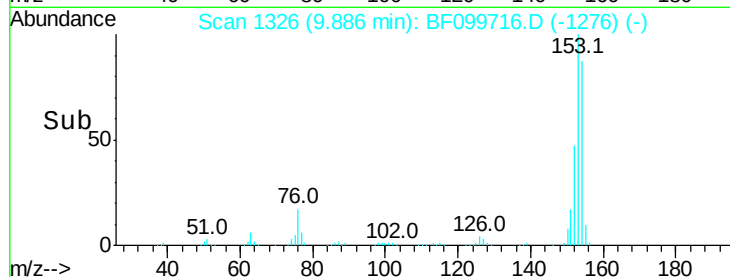
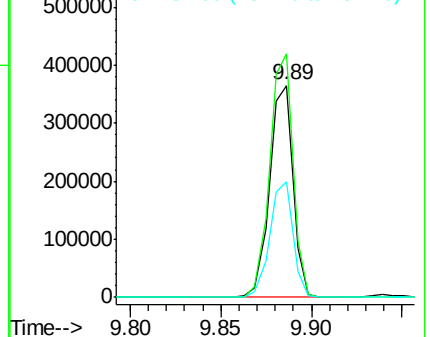
152 54.4 43.8 65.8



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



#52

3-Nitroaniline

Concen: 41.177 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

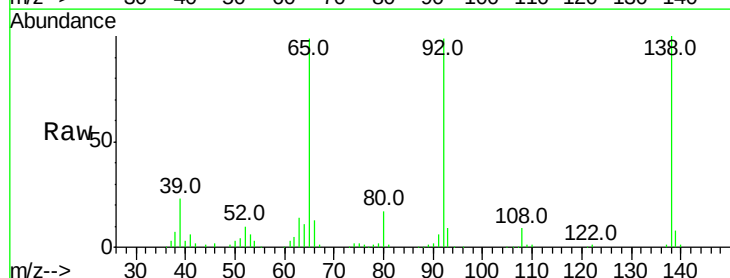
Tgt Ion:138 Resp: 109077

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.0

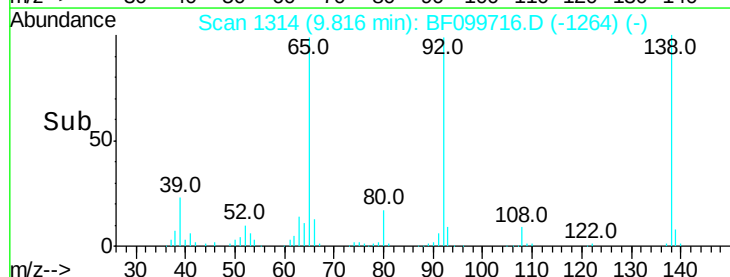
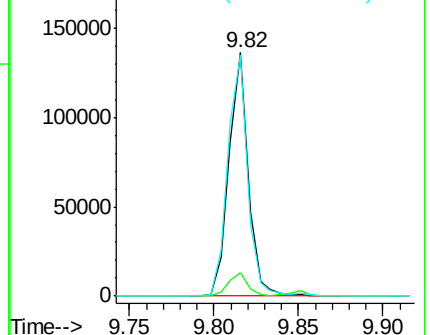
92 98.8 89.4 134.2

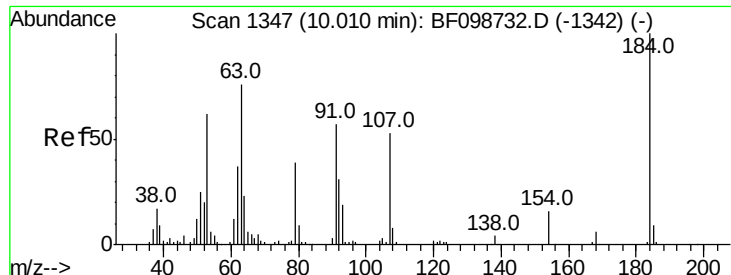


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

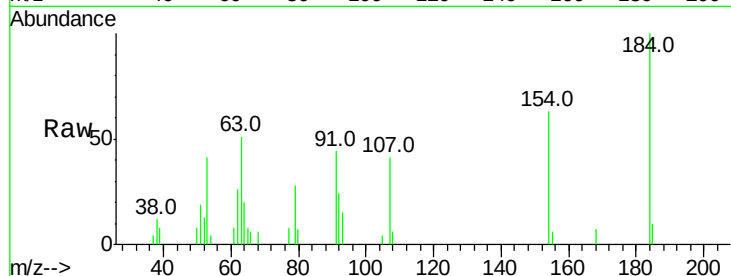




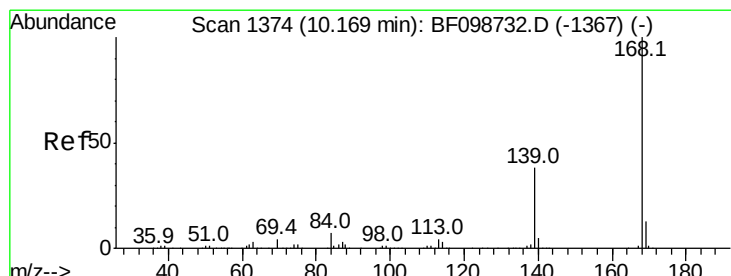
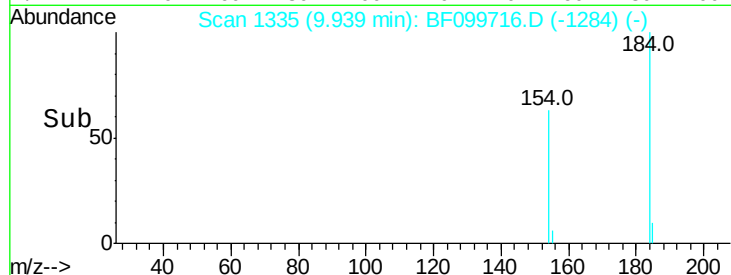
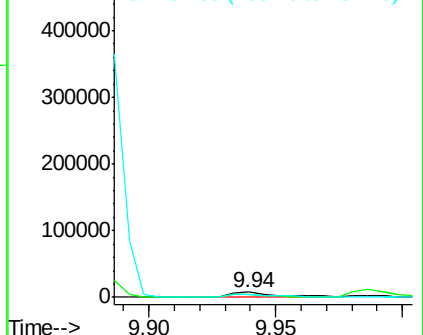
#53
 2,4-Dinitrophenol
 Concen: 14.440 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 10987
 Ion Ratio Lower Upper
 184 100
 63 50.8 54.2 81.2#
 154 63.3 53.5 80.3

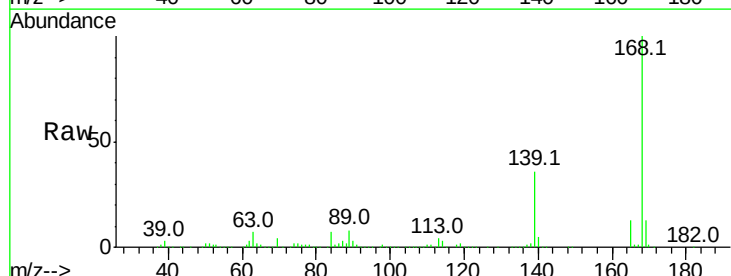


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

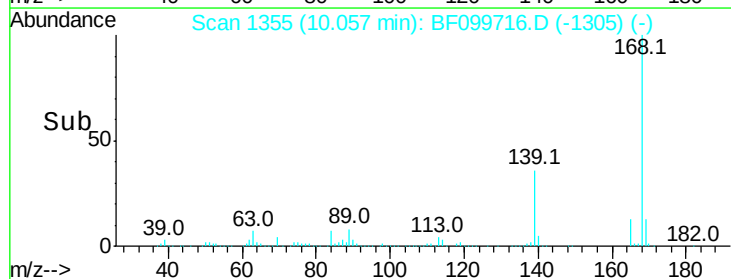
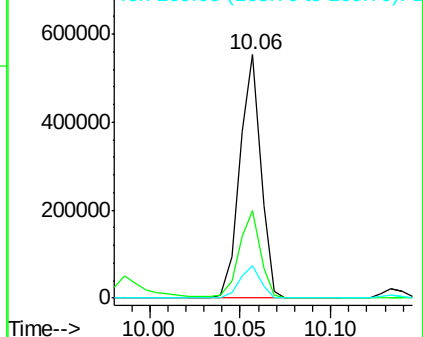


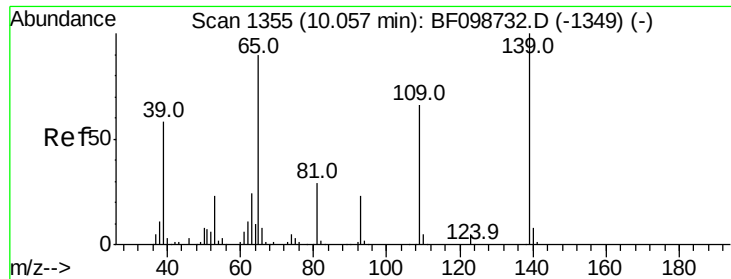
#54
 Dibenzofuran
 Concen: 38.800 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:168 Resp: 446958
 Ion Ratio Lower Upper
 168 100
 139 36.1 30.1 45.1
 169 13.4 10.9 16.3



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

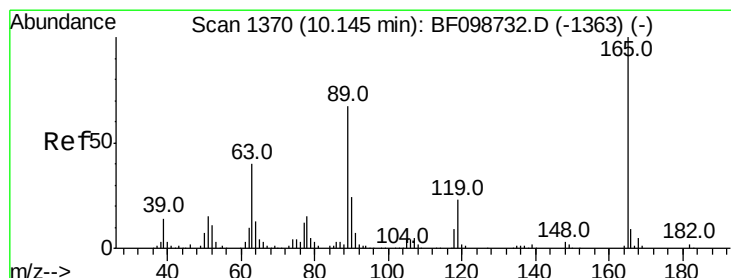
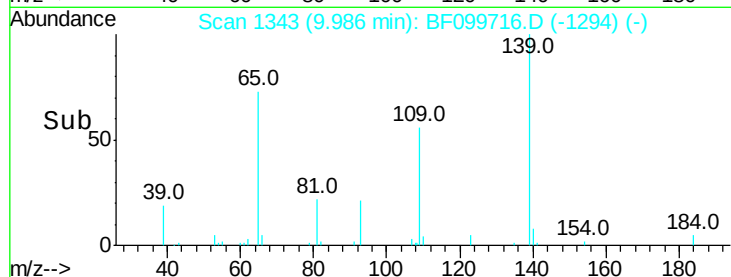
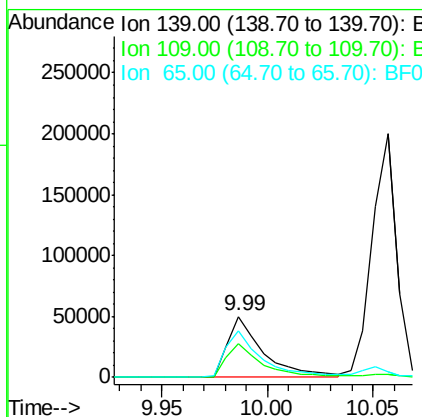
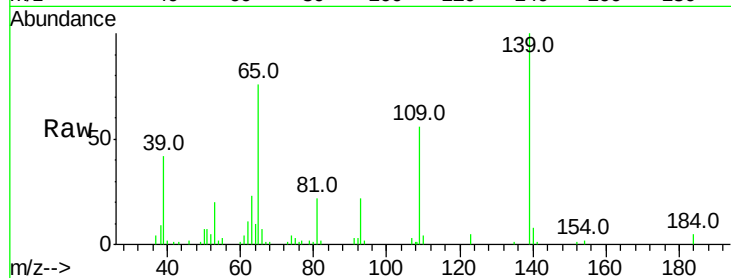




#55
4-Nitrophenol
Concen: 25.980 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

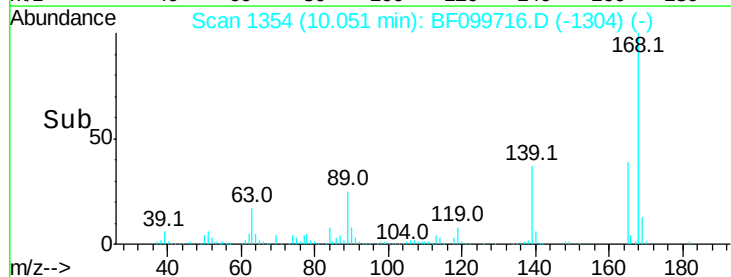
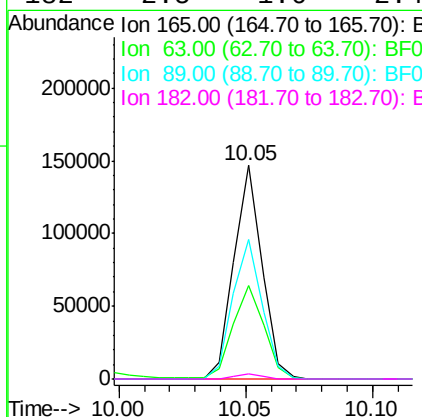
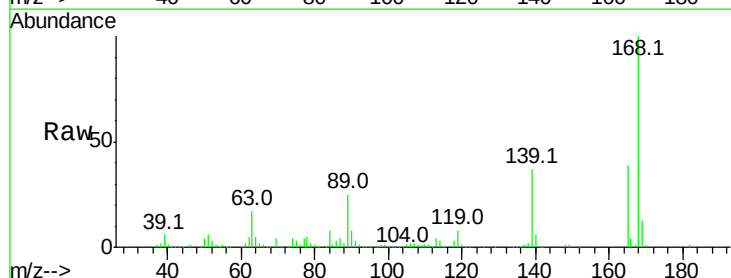
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

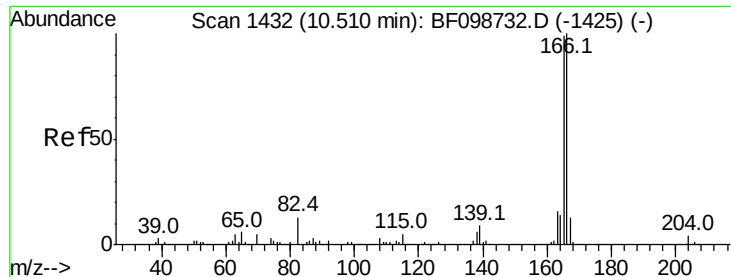
Tot Ion:139 Resp: 58192
Ion Ratio Lower Upper
139 100
109 55.6 48.4 88.4
65 76.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.338 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion:165 Resp: 113038
Ion Ratio Lower Upper
165 100
63 43.8 36.4 54.6
89 65.5 57.8 86.6
182 2.5 1.6 2.4#

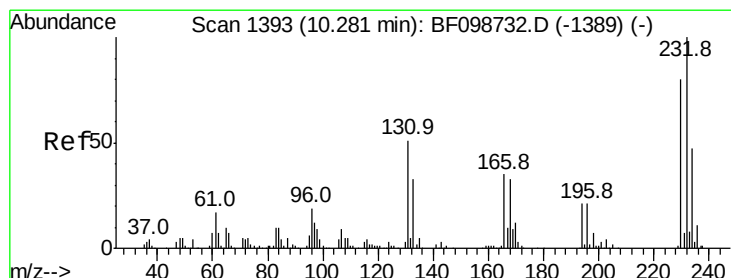
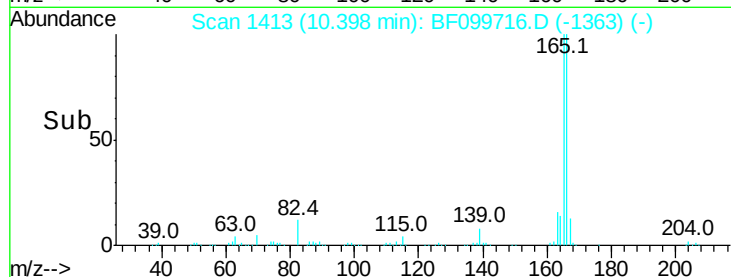
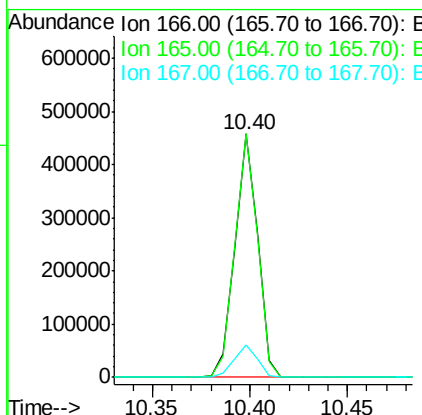
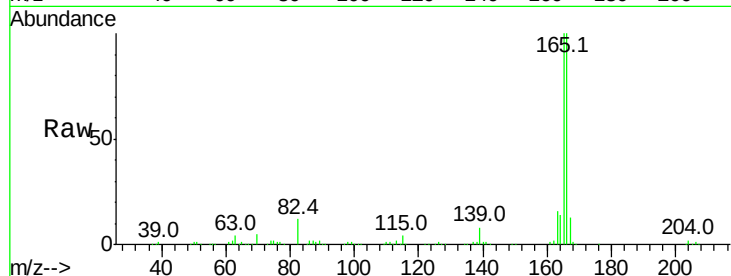




#57
Fluorene
 Concen: 39.941 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

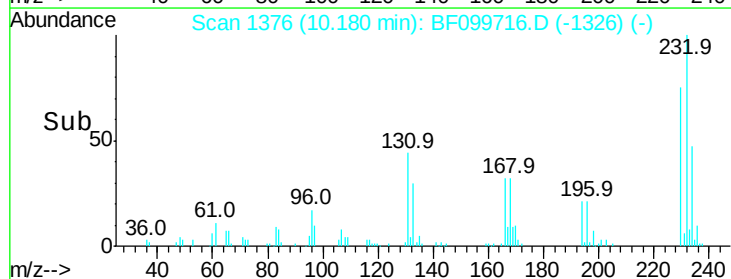
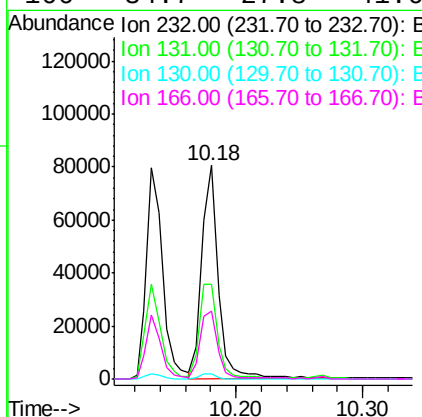
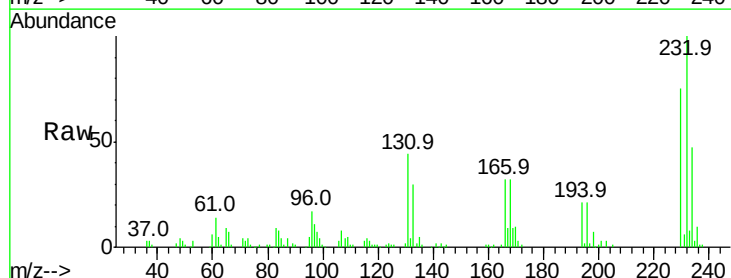
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

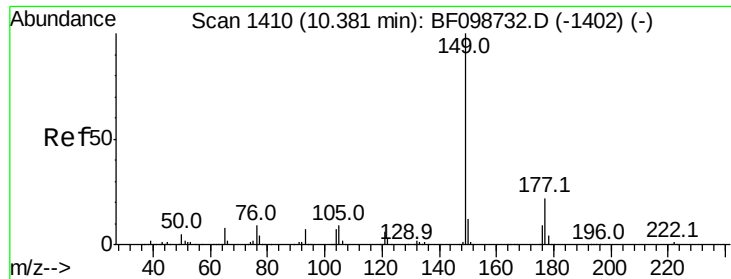
Tot Ion:	166	Resp:	369807
Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.2	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.156 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:	232	Resp:	72832
Ion	Ratio	Lower	Upper
232	100		
131	50.2	43.8	65.8
130	2.3	2.1	3.1
166	34.7	27.8	41.6

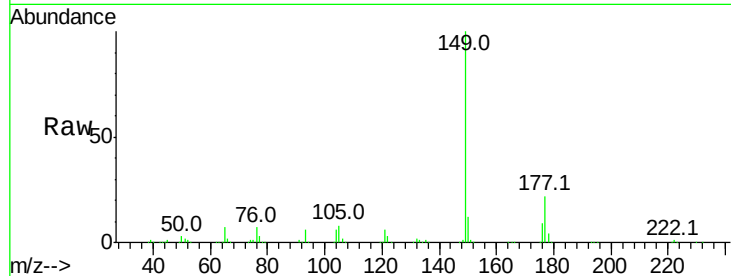




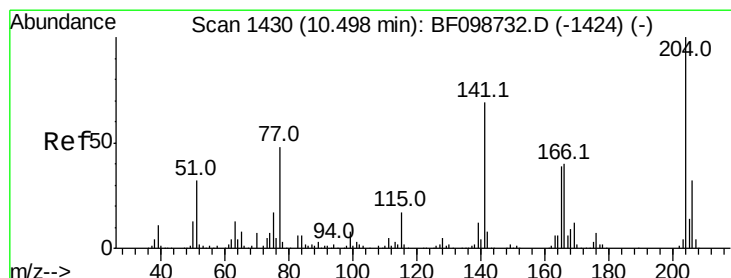
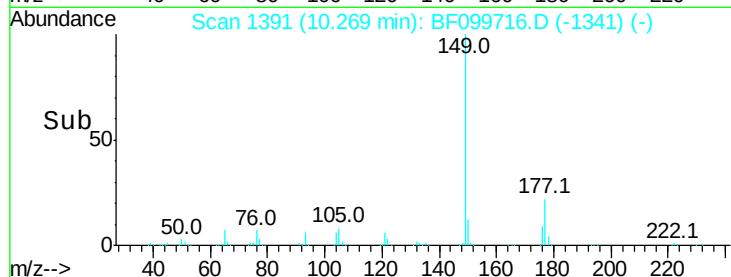
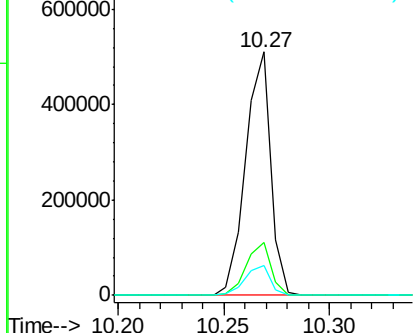
#59
Diethylphthalate
Concen: 41.275 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 420879
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.3 10.1 15.1

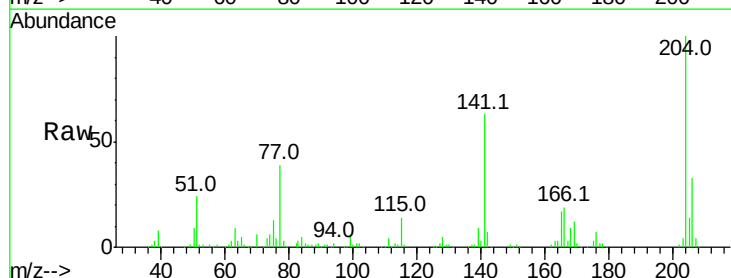


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

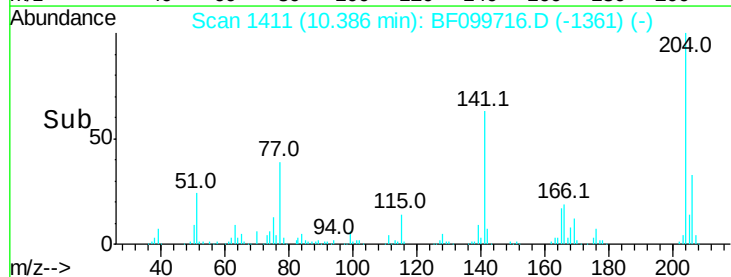
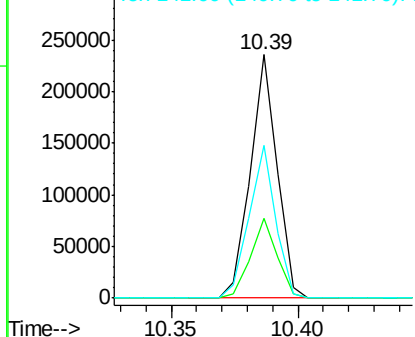


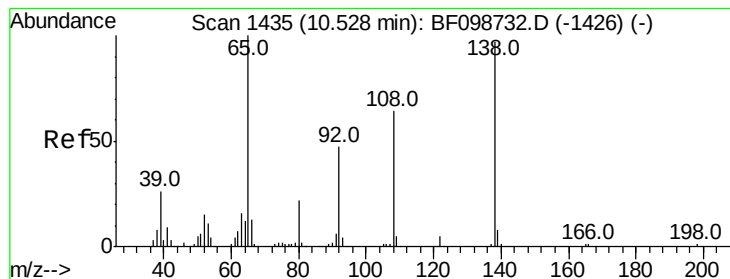
#60
4-Chlorophenyl-phenylether
Concen: 41.605 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion:204 Resp: 173039
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 62.7 54.6 81.8



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





#61

4-Nitroaniline

Concen: 36.682 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

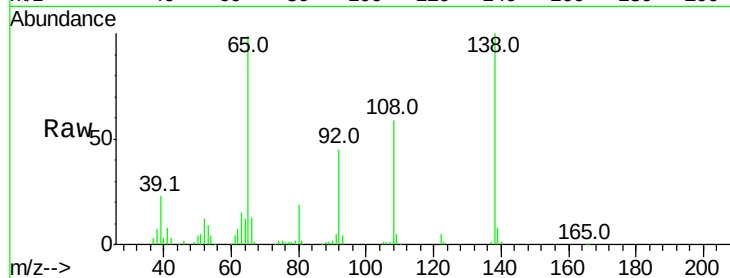
Tot Ion:138 Resp: 93746

Ion Ratio Lower Upper

138 100

92 44.8 30.2 70.2

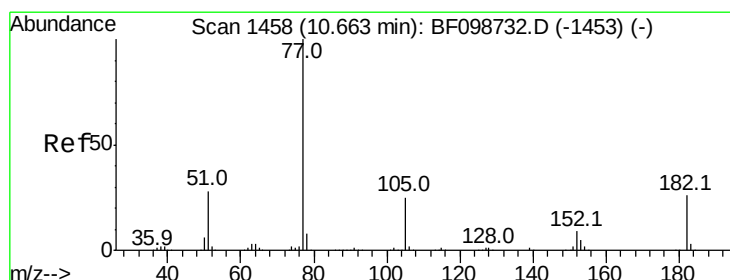
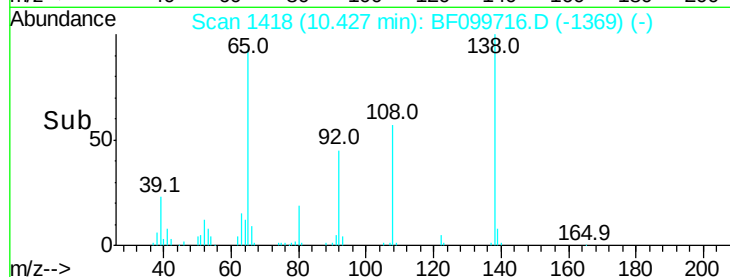
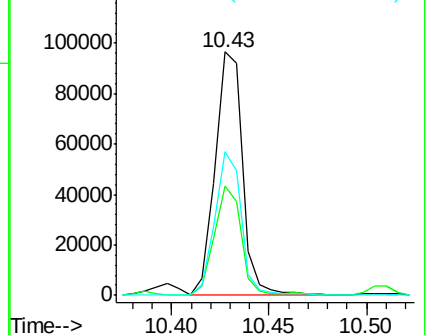
108 59.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.135 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Tgt Ion: 77 Resp: 320039

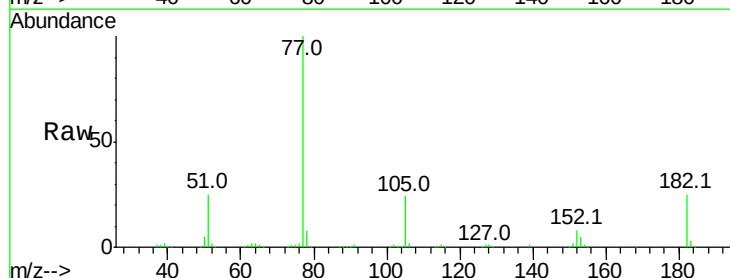
Ion Ratio Lower Upper

77 100

182 24.9 1.7 41.7

105 24.4 3.0 43.0

51 25.1 9.9 49.9

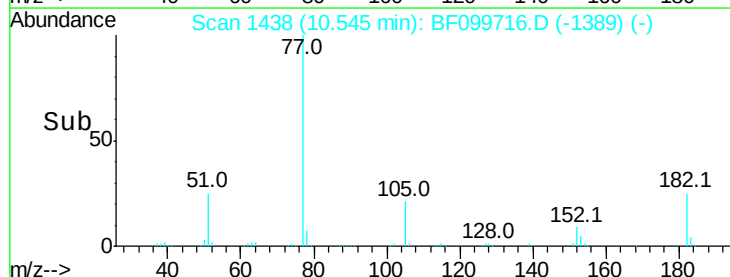
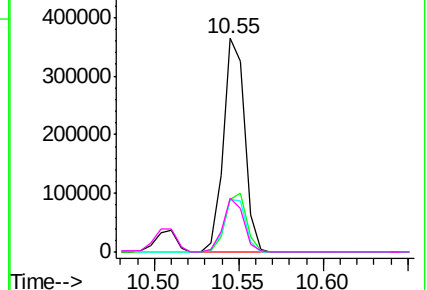


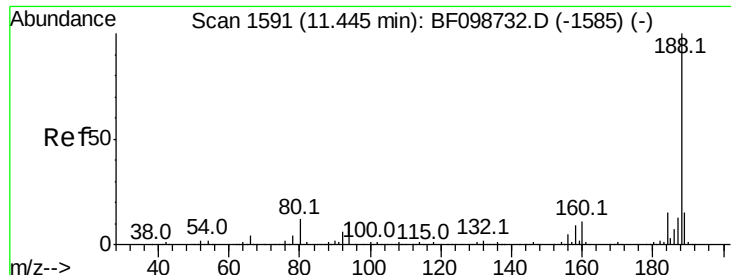
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

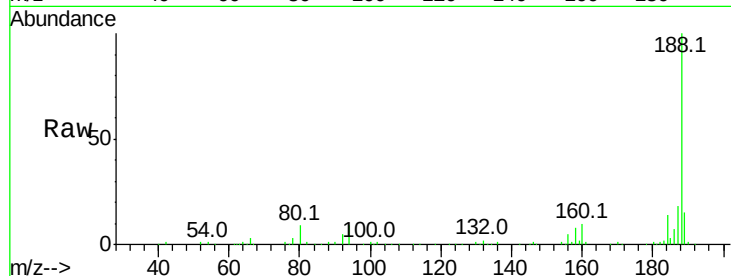




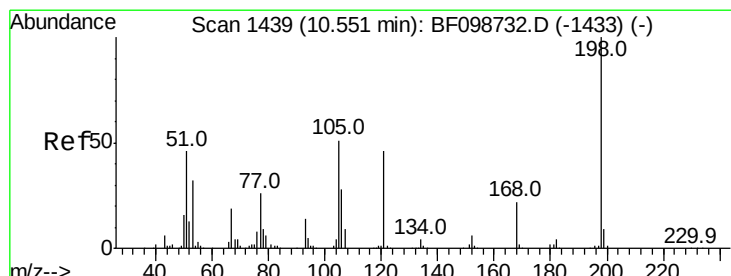
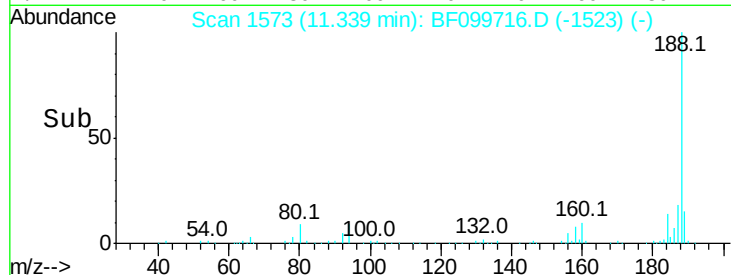
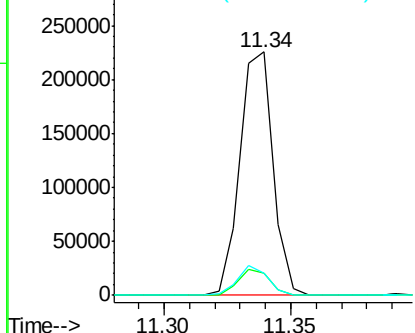
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.2	9.2	13.8

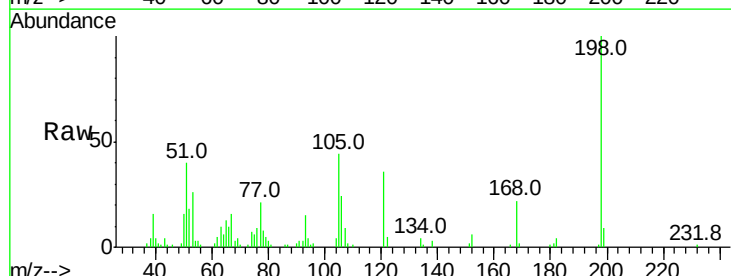


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

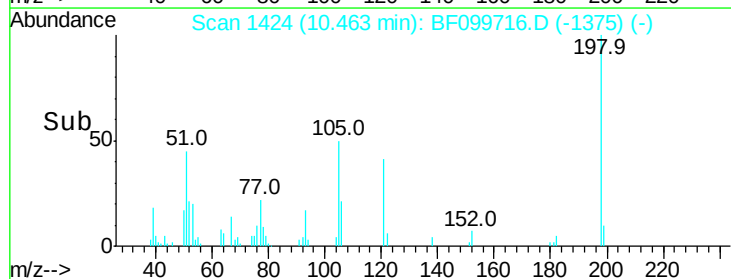
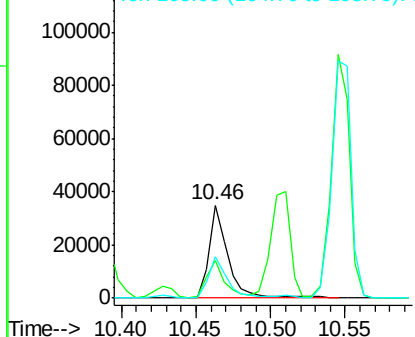


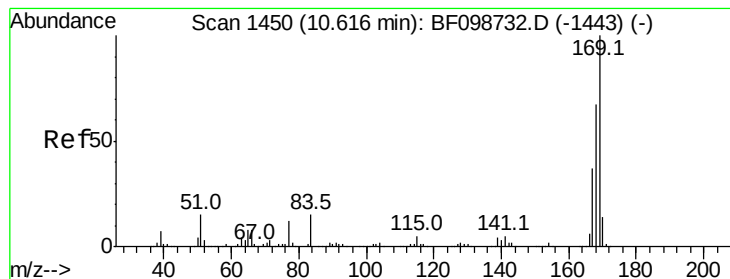
#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.483 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.9	37.7	77.7
105	44.0	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.086 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

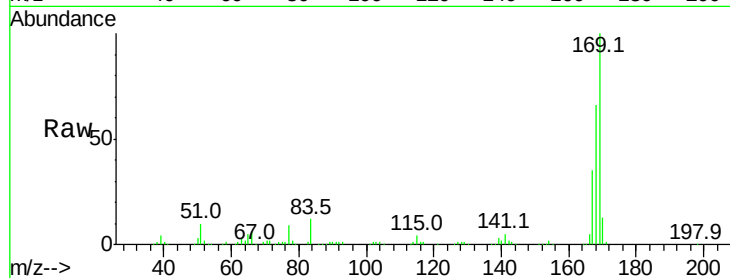
Tot Ion:169 Resp: 334176

Ion Ratio Lower Upper

169 100

168 66.1 54.4 81.6

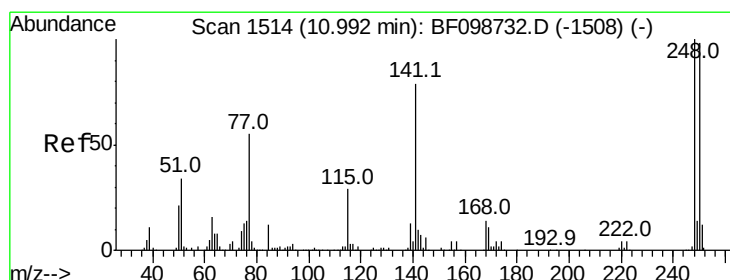
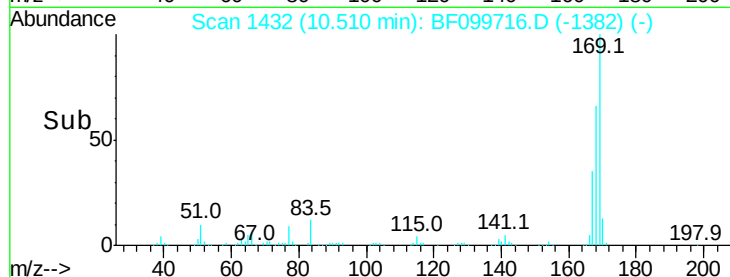
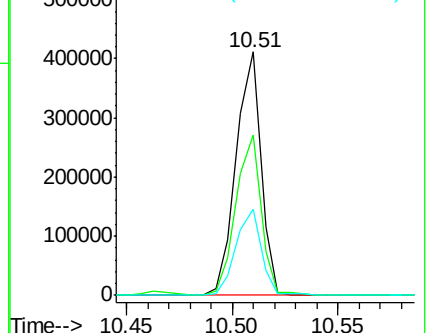
167 35.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.233 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

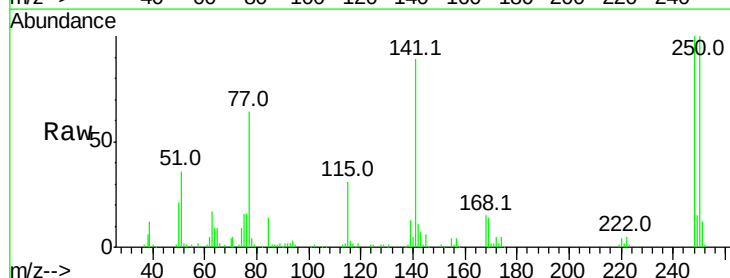
Tgt Ion:248 Resp: 92710

Ion Ratio Lower Upper

248 100

250 99.7 76.9 115.3

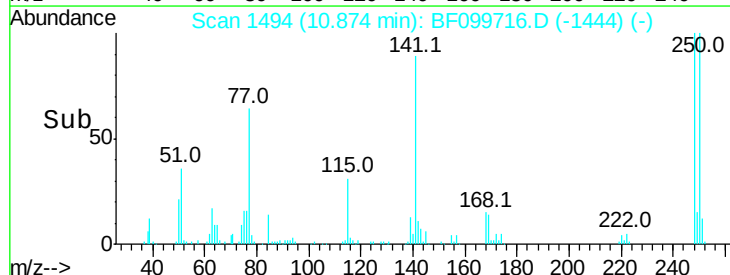
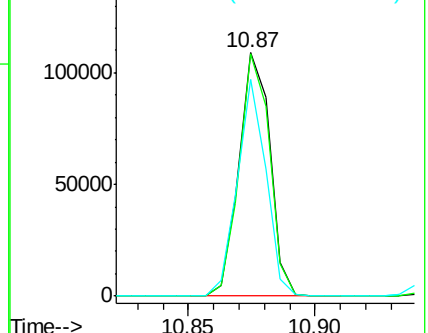
141 89.1 74.4 111.6

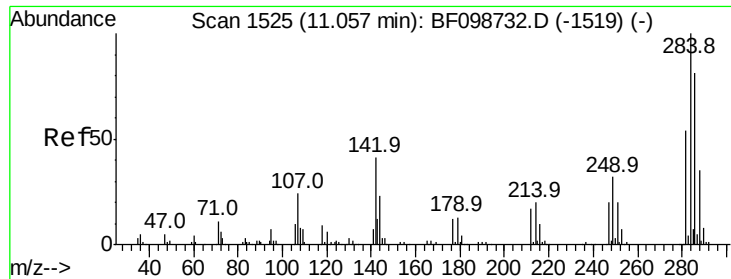


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

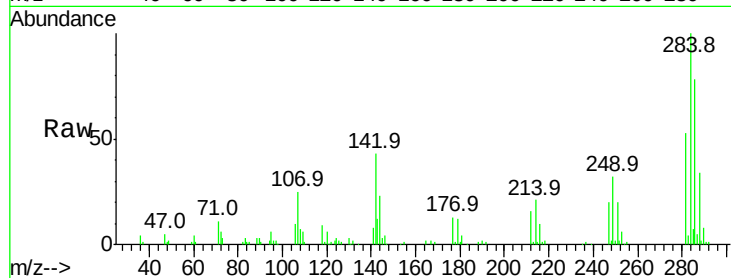




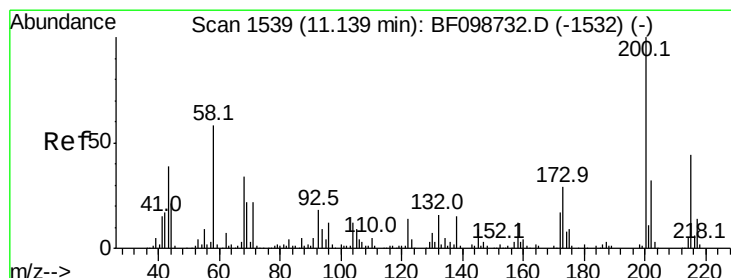
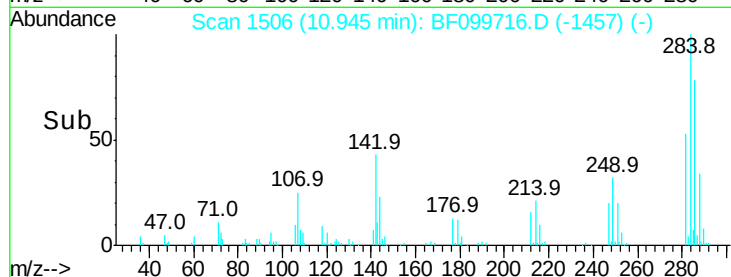
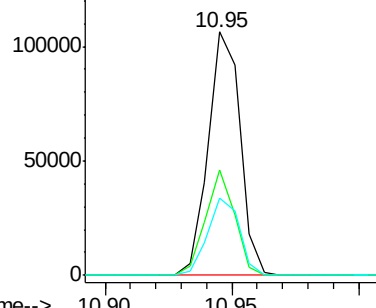
#67
Hexachlorobenzene
Concen: 43.439 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 93033
Ion Ratio Lower Upper
284 100
142 43.1 34.6 52.0
249 31.5 24.8 37.2

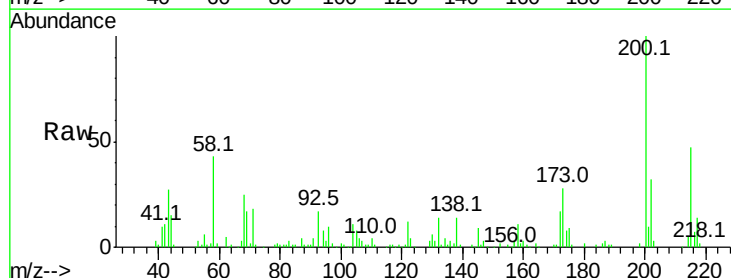


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

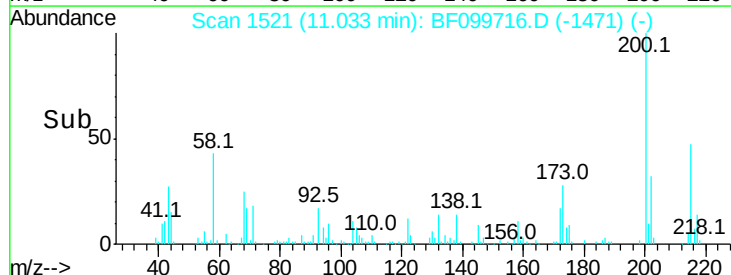
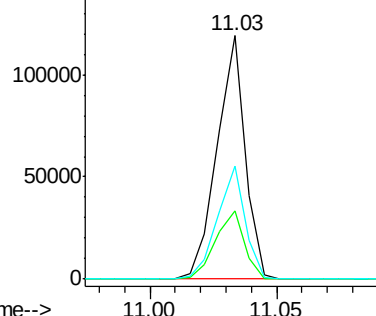


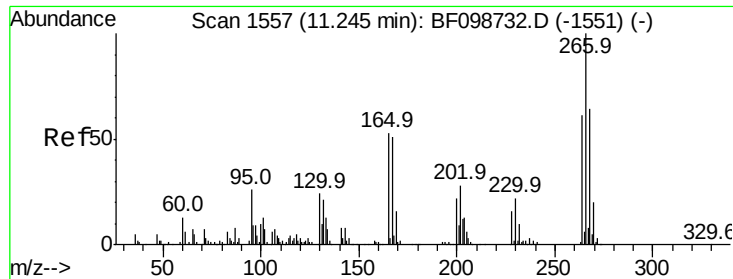
#68
Atrazine
Concen: 43.027 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion:200 Resp: 91876
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 46.6 25.1 65.1



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

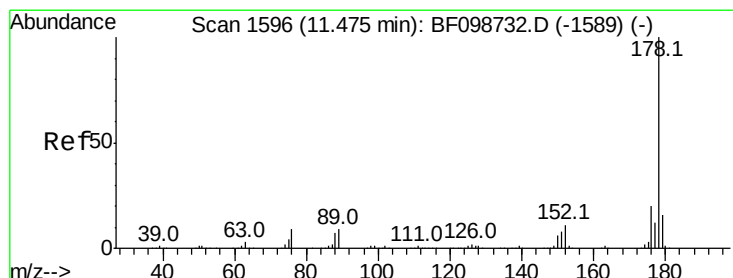
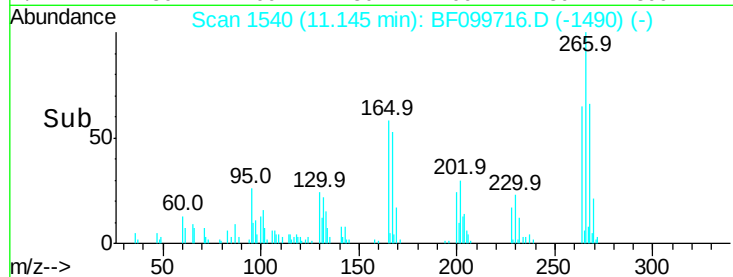
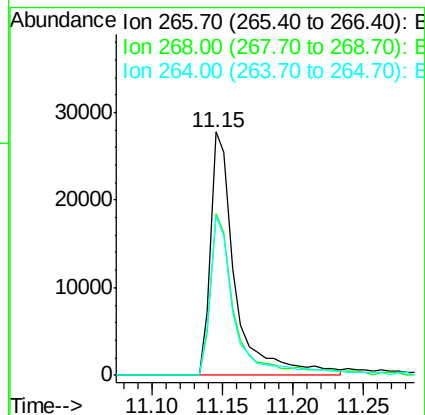
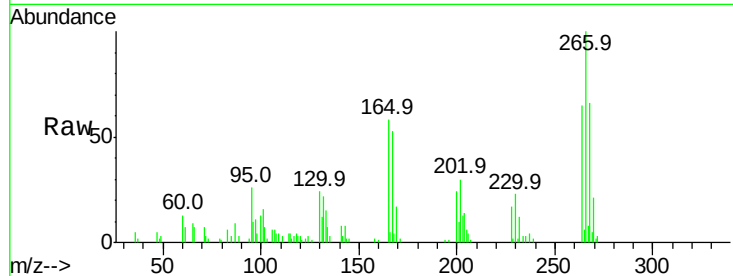




#69
 Pentachlorophenol
 Concen: 25.398 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

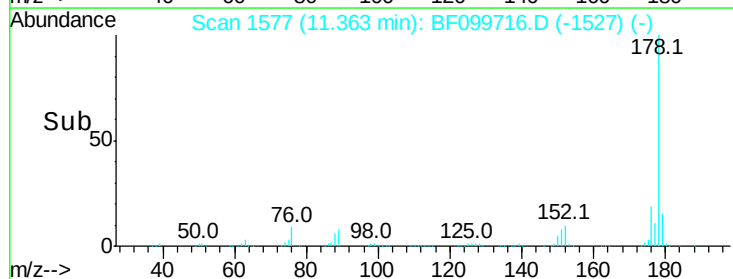
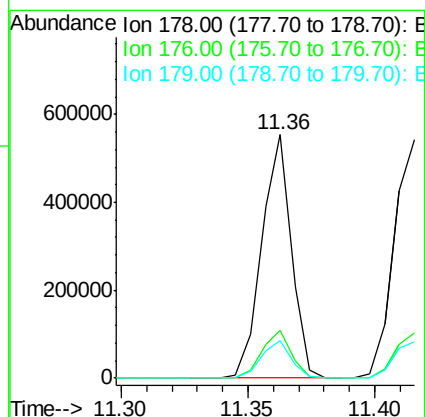
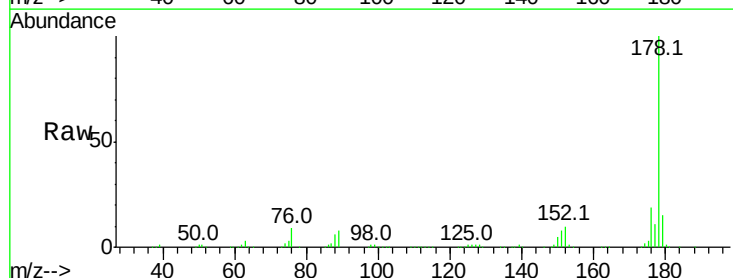
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

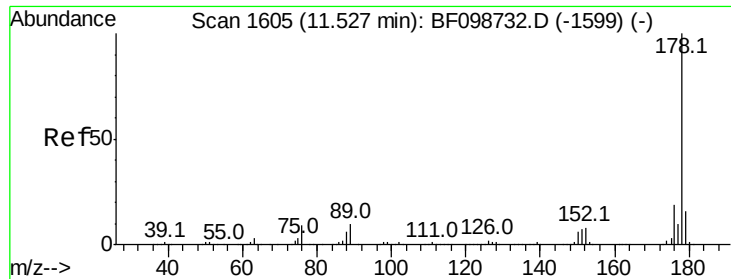
Tot Ion:266 Resp: 33853
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.1 76.7
 264 65.2 49.5 74.3



#70
 Phenanthrene
 Concen: 41.290 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:178 Resp: 452778
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.2 13.0 19.6

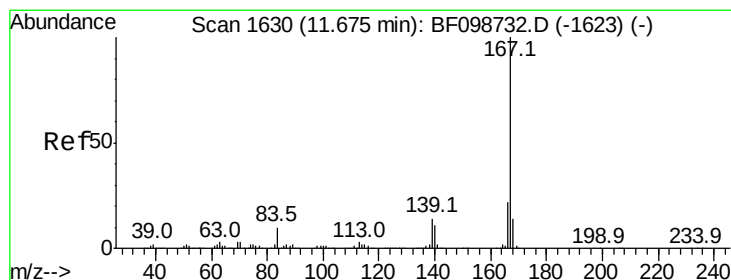
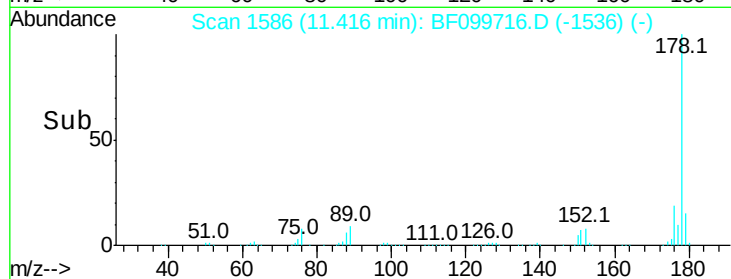
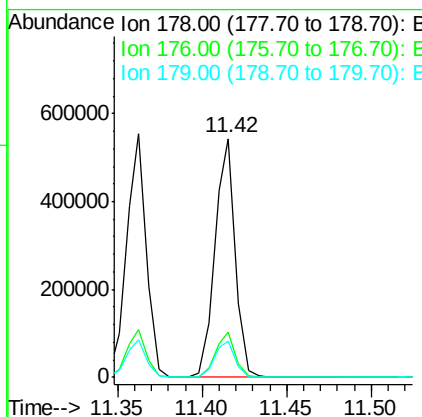
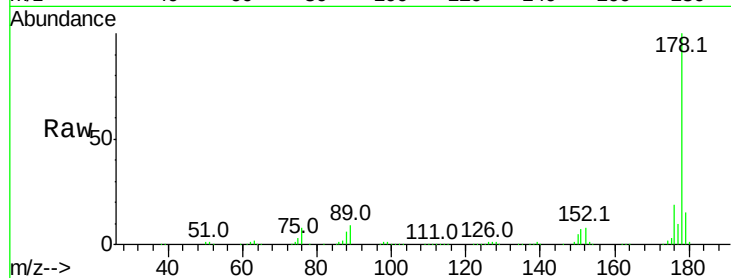




#71
 Anthracene
 Concen: 40.783 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

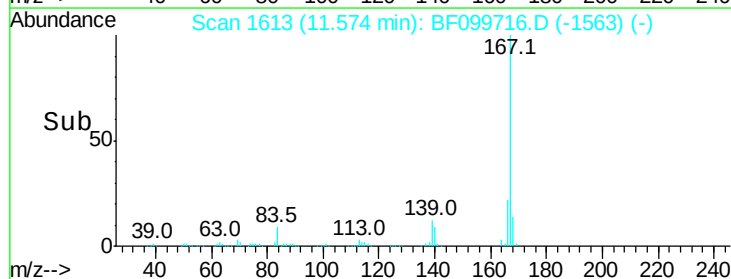
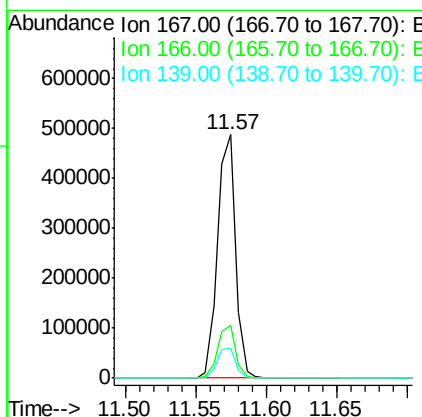
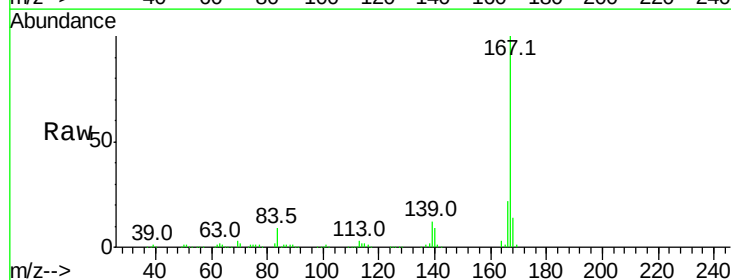
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

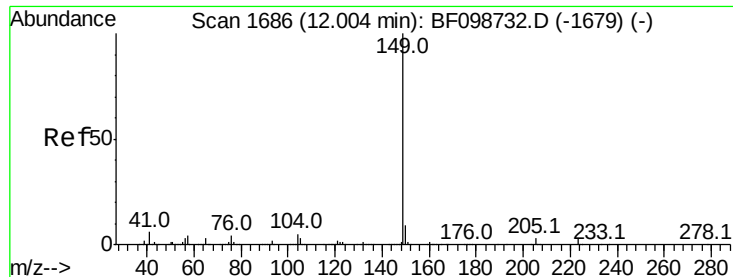
Tot Ion:178 Resp: 457589
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 39.319 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:167 Resp: 432012
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.116 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

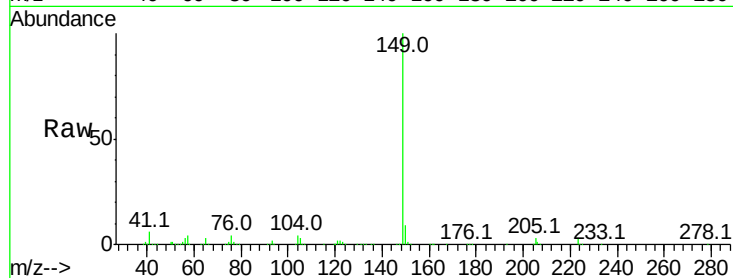
Tot Ion:149 Resp: 570220

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

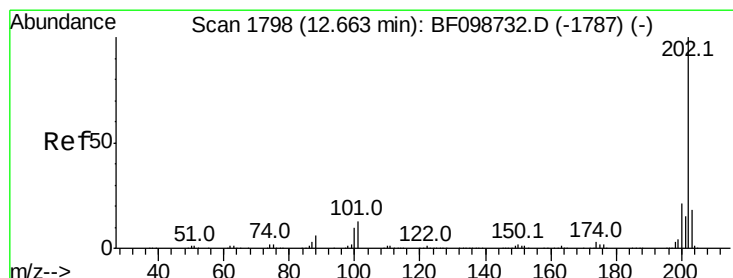
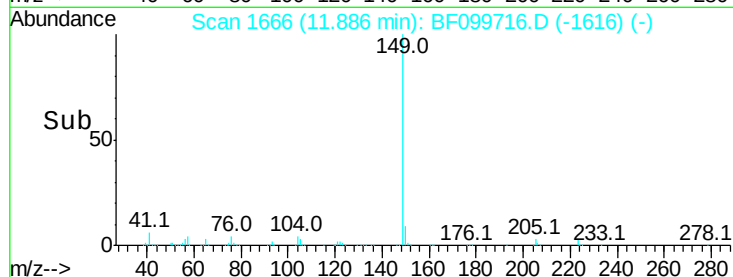
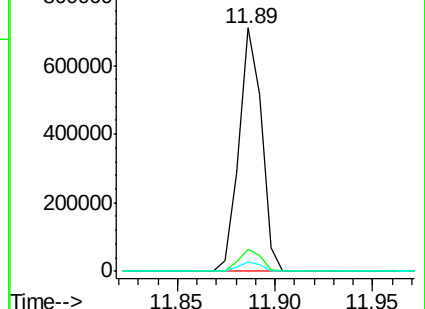
104 4.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.173 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

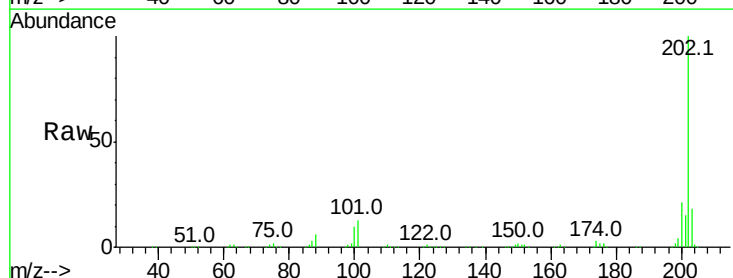
Tgt Ion:202 Resp: 423880

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

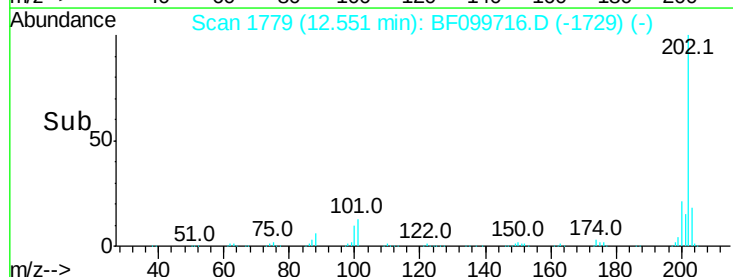
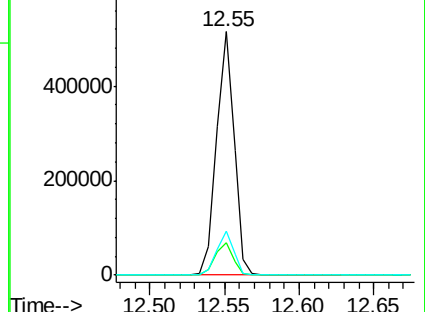
203 17.9 0.0 38.1

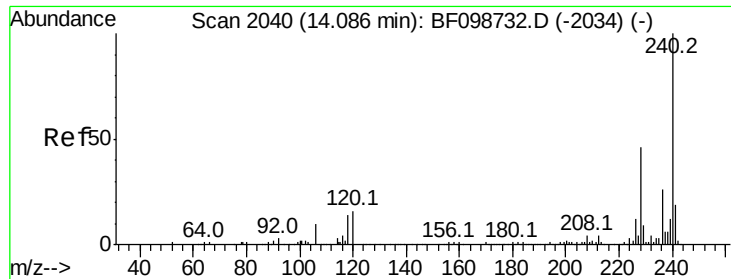


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

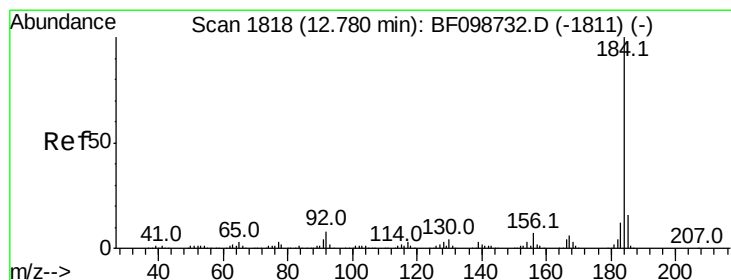
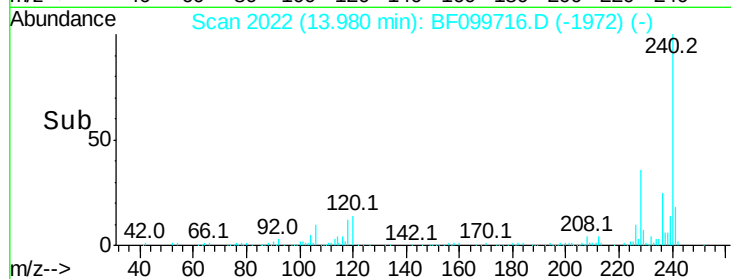
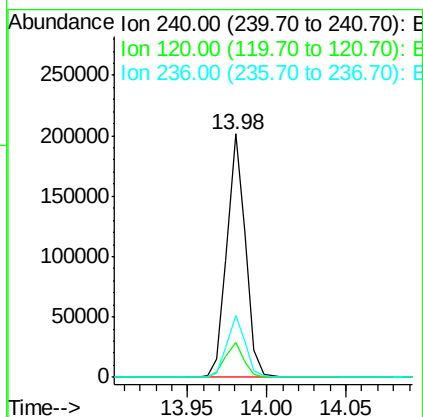
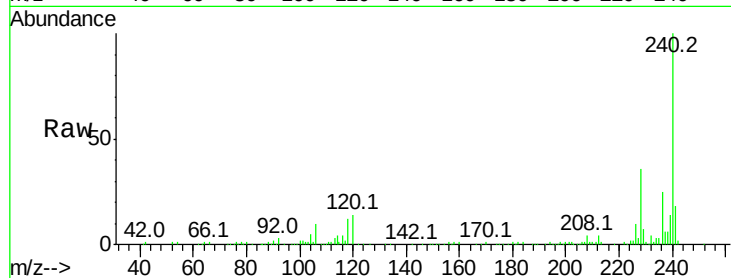




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

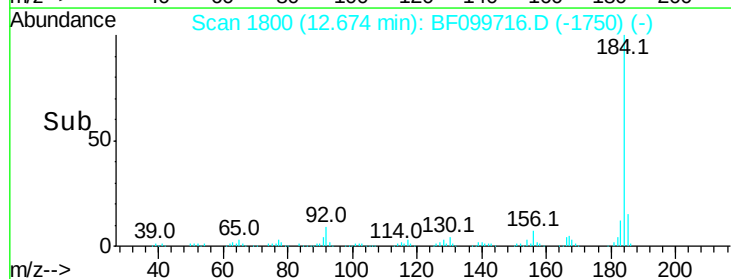
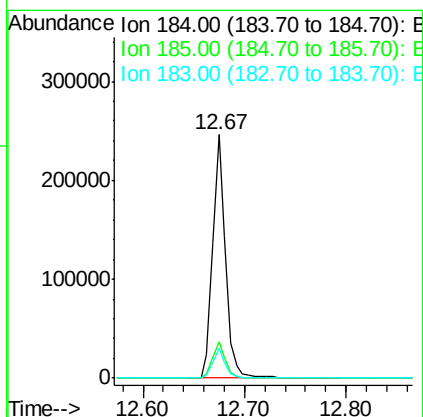
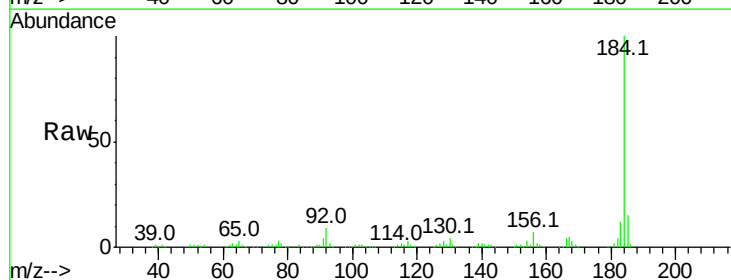
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

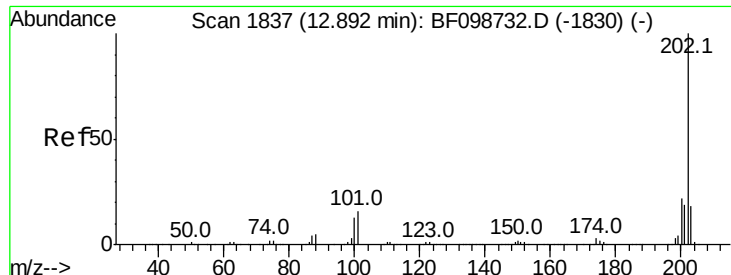
Tot Ion:240 Resp: 163935
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 25.3 20.7 31.1



#76
Benzidine
Concen: 36.007 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion:184 Resp: 218325
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 12.1 9.3 13.9

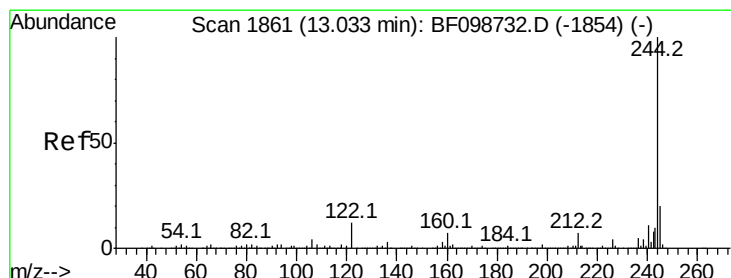
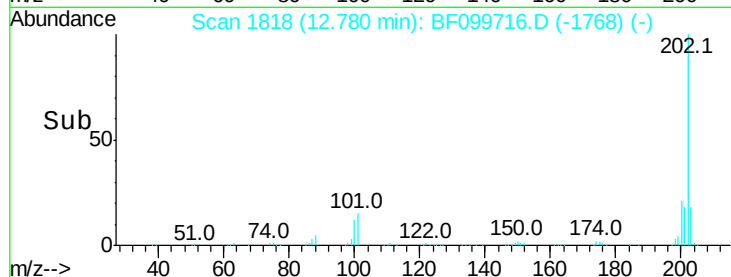
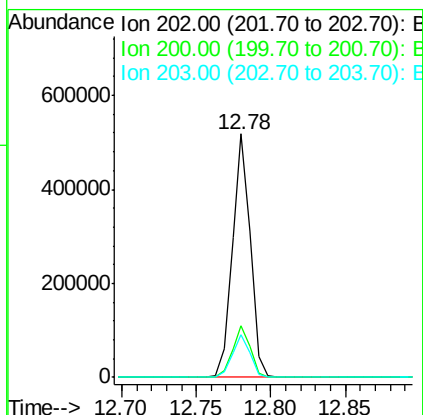
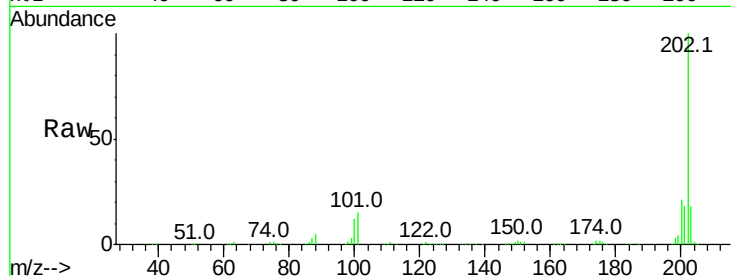




#77
Pvrene
Concen: 35.146 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

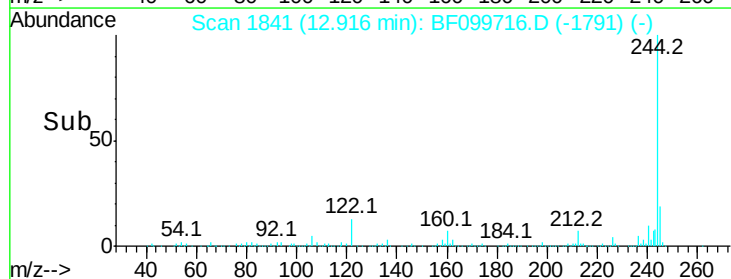
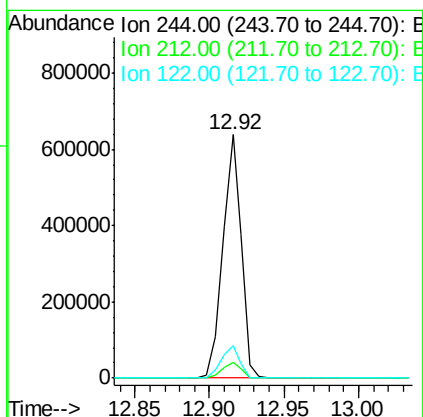
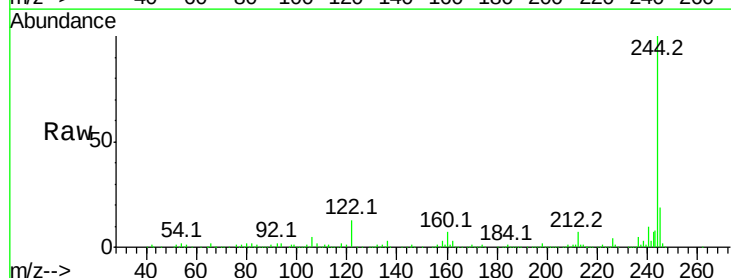
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

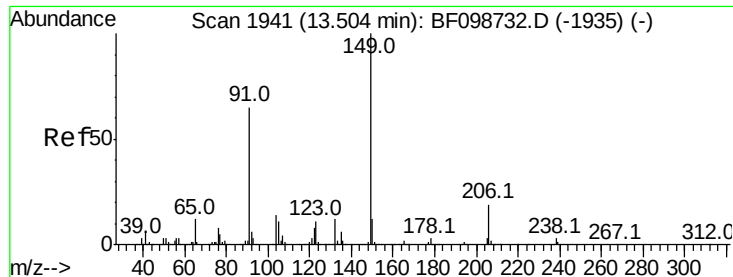
Tot Ion:202 Resp: 439349
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 76.712 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion:244 Resp: 552973
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.5 11.0 16.4

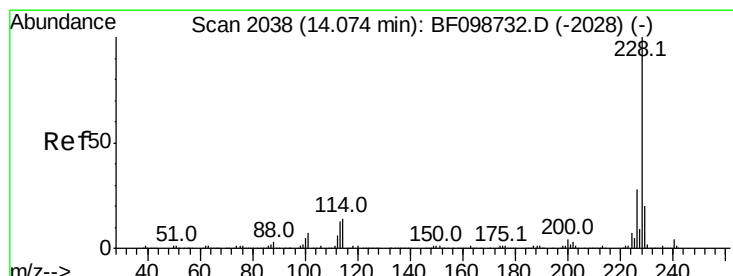
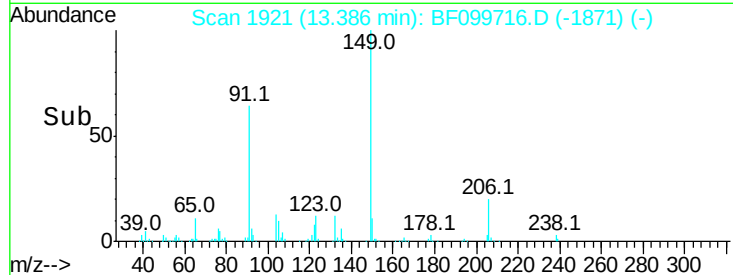
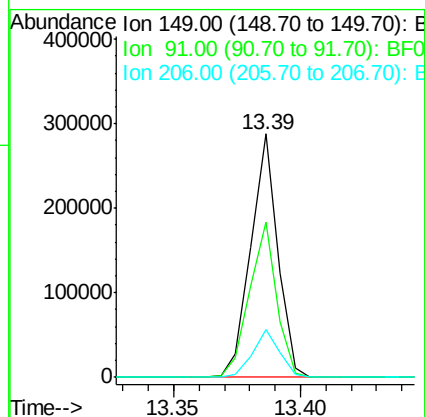
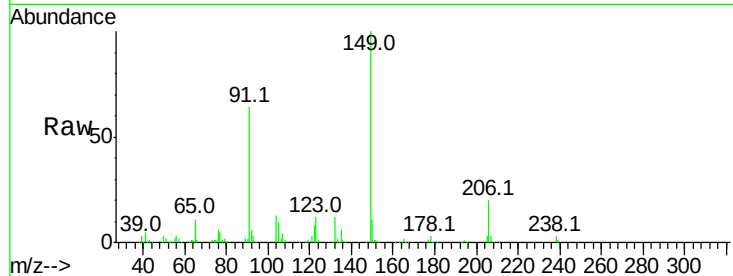




#79
 Butylbenzylphthalate
 Concen: 36.323 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

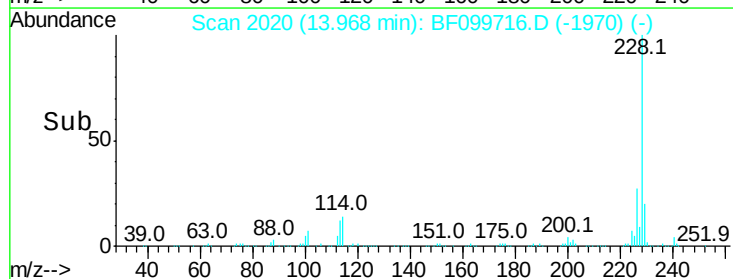
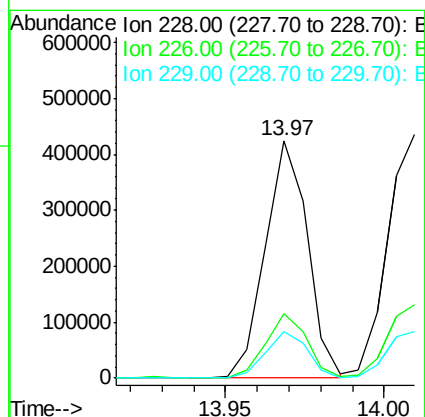
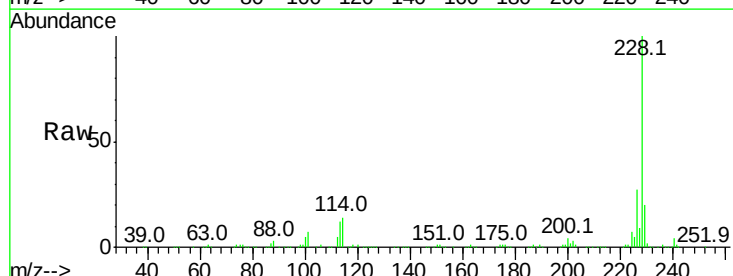
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

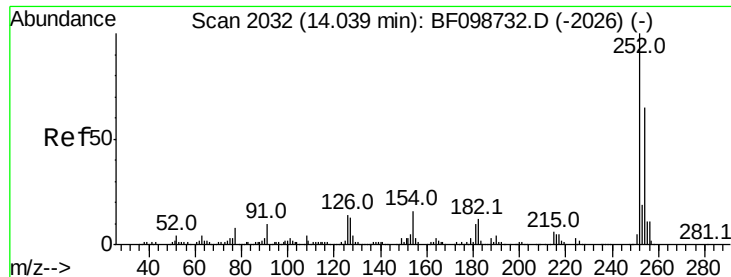
Tot Ion:	149	Resp:	213398
Ion	Ratio	Lower	Upper
149	100		
91	63.6	56.8	85.2
206	19.8	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 39.722 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:	228	Resp:	394304
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.9	15.8	23.6

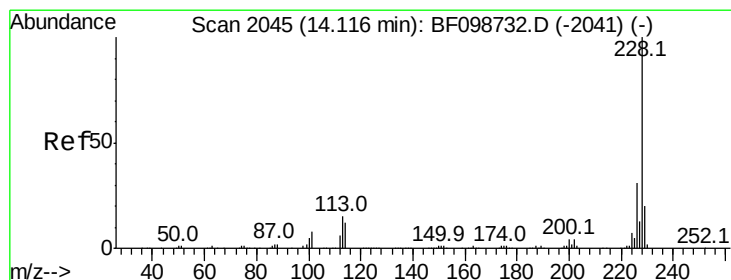
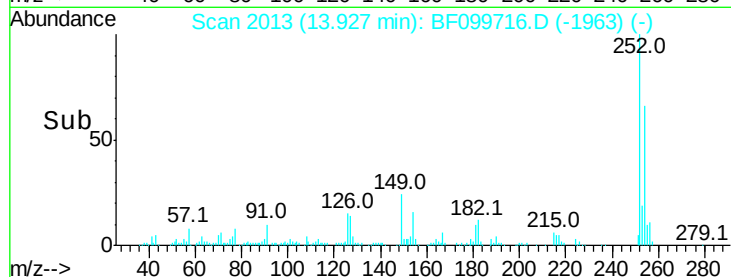
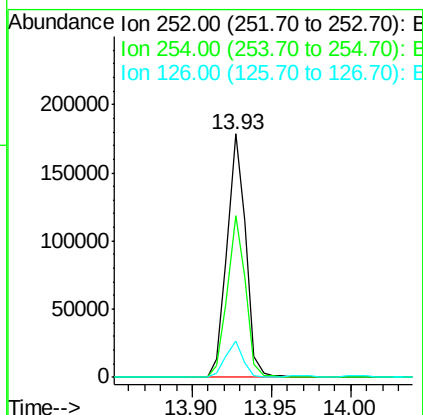
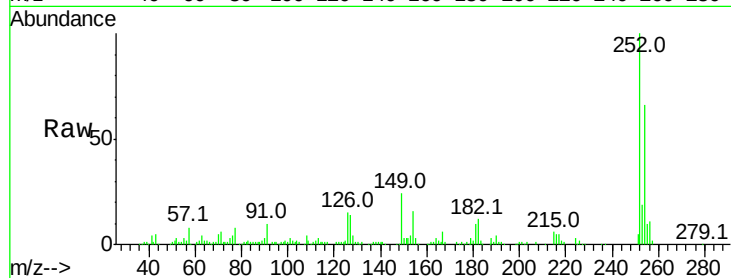




#81
 3,3'-Dichlorobenzidine
 Concen: 40.205 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

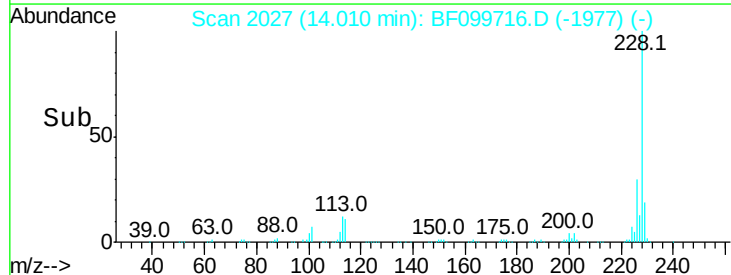
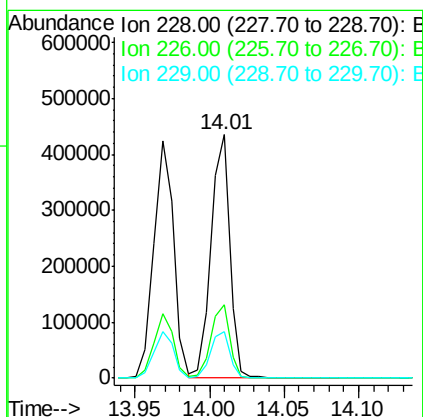
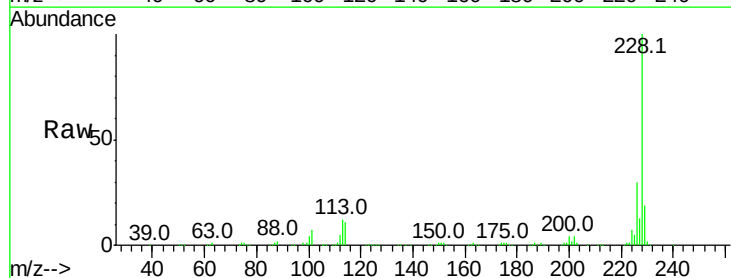
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

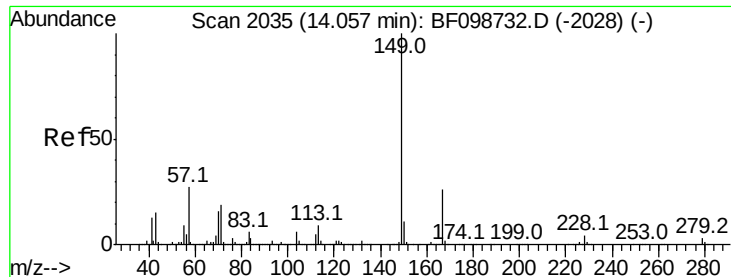
Tot Ion:252 Resp: 146305
 Ion Ratio Lower Upper
 252 100
 254 66.4 50.4 75.6
 126 14.7 11.3 16.9



#82
 Chrysene
 Concen: 40.186 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:228 Resp: 379787
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 18.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.254 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

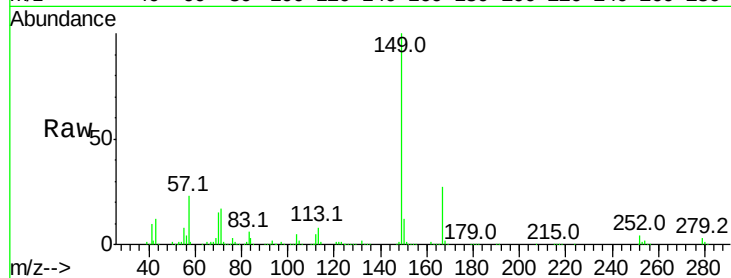
Tot Ion:149 Resp: 309458

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

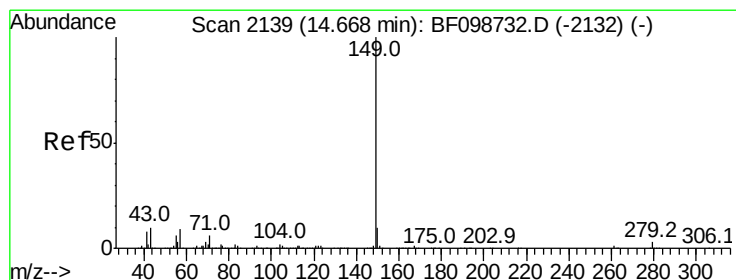
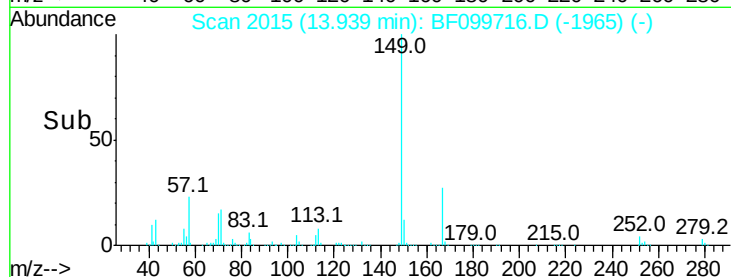
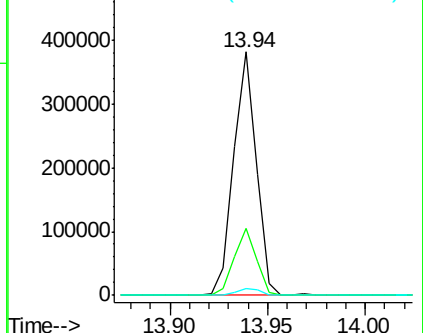
279 2.9 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.693 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

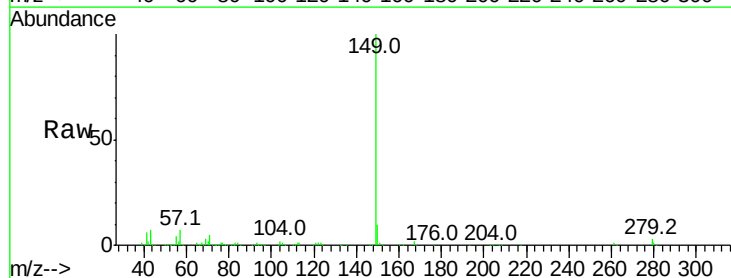
Tgt Ion:149 Resp: 556123

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

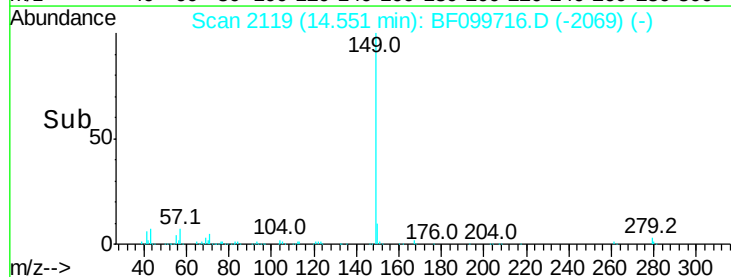
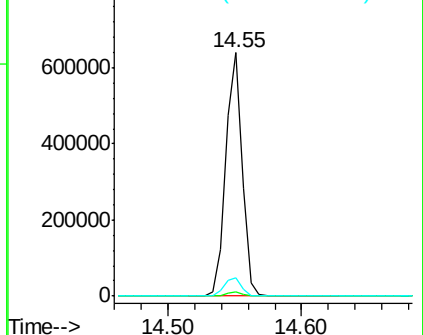
43 8.1 8.4 12.6#

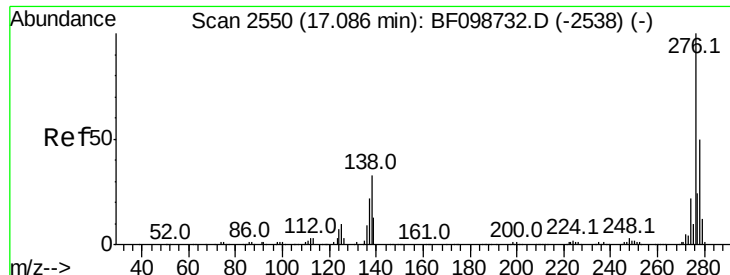


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

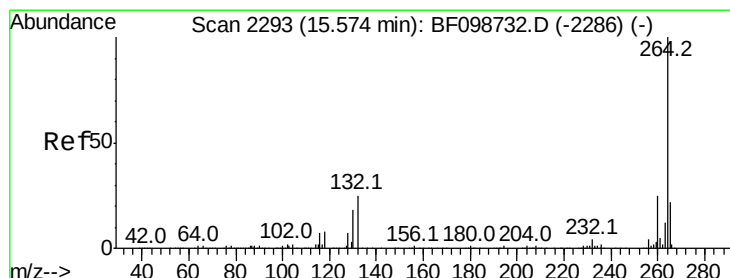
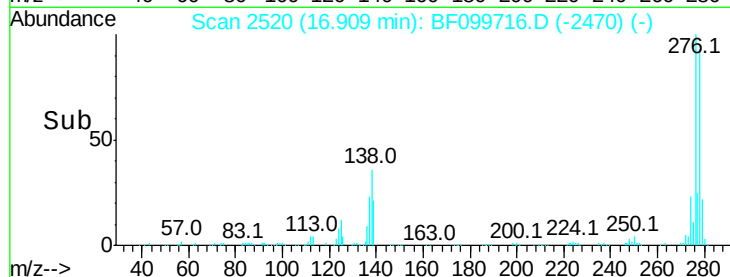
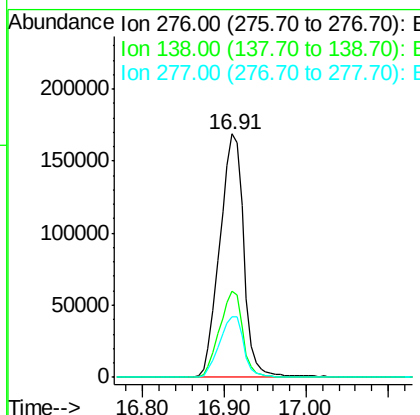
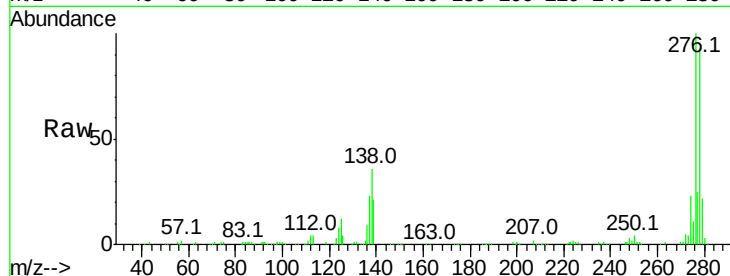




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.782 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

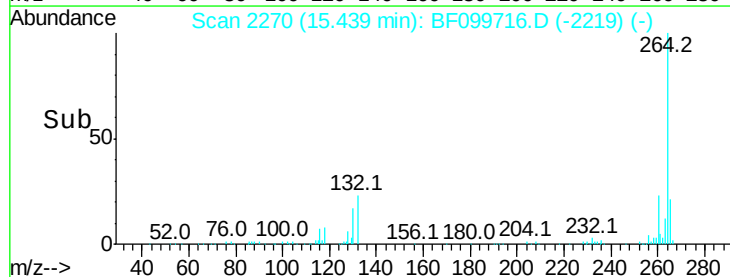
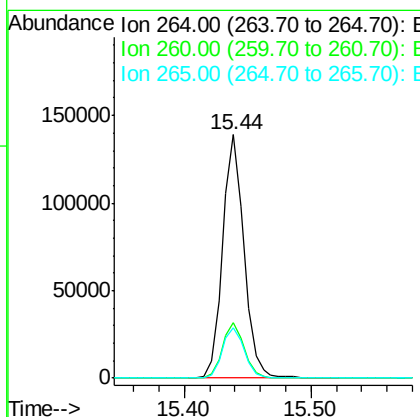
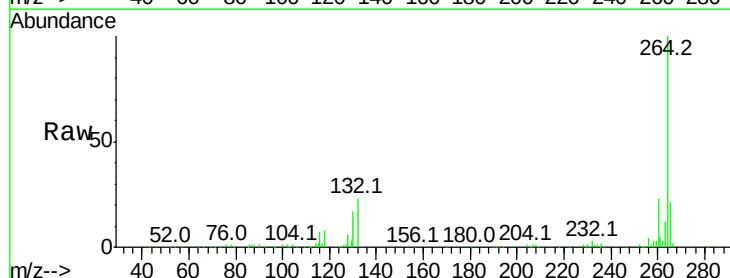
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

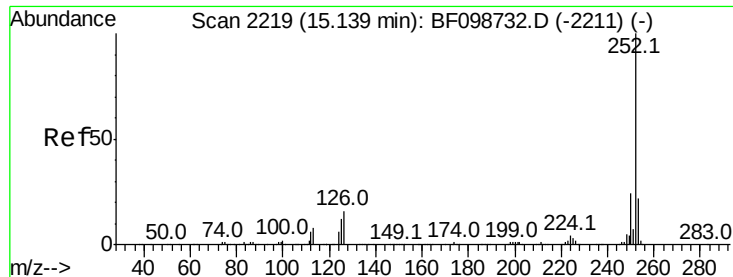
Tot Ion:276 Resp: 346112
 Ion Ratio Lower Upper
 276 100
 138 34.2 25.0 37.6
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099716.D
 Acq: 20 Oct 2017 23:44

Tgt Ion:264 Resp: 162518
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 20.8 17.5 26.3

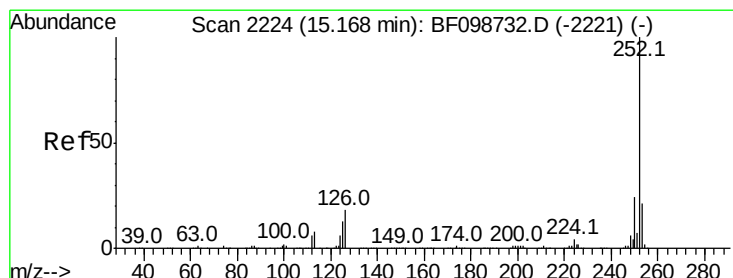
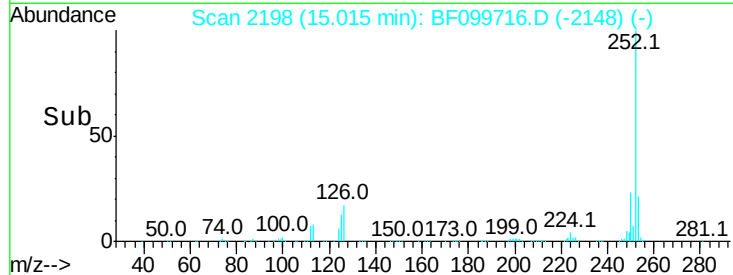
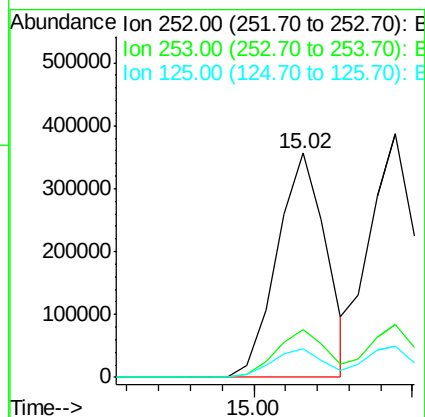
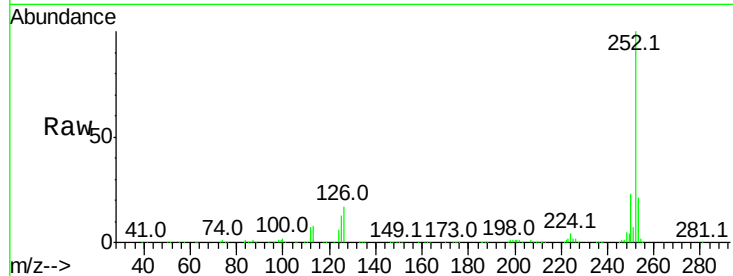




#87
Benzo(b)fluoranthene
Concen: 38.540 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

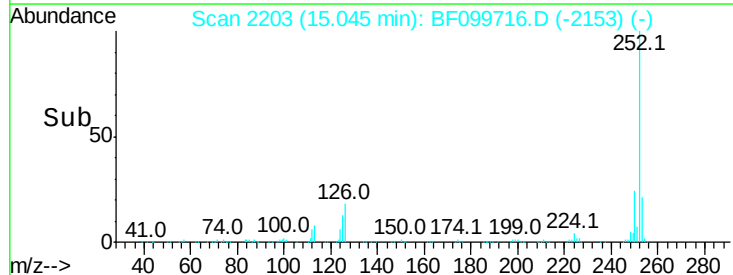
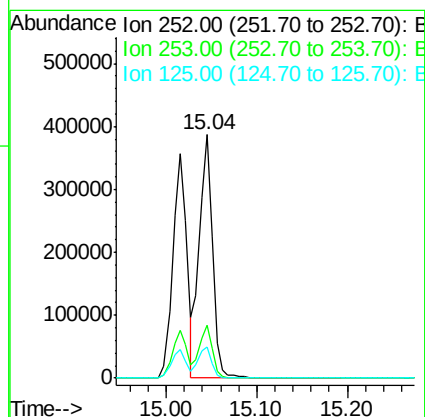
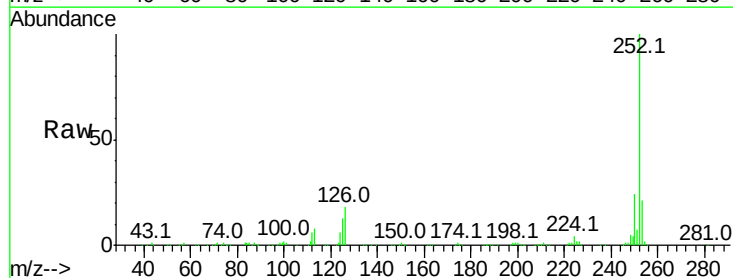
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

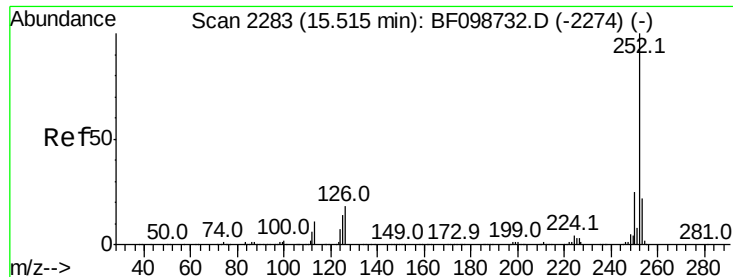
Tot Ion:252 Resp: 385099
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.261 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion:252 Resp: 397352
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 12.7 10.2 15.2

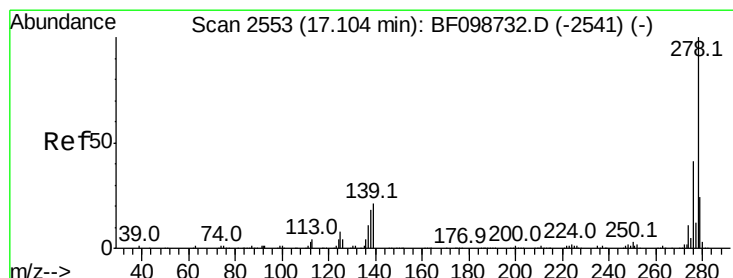
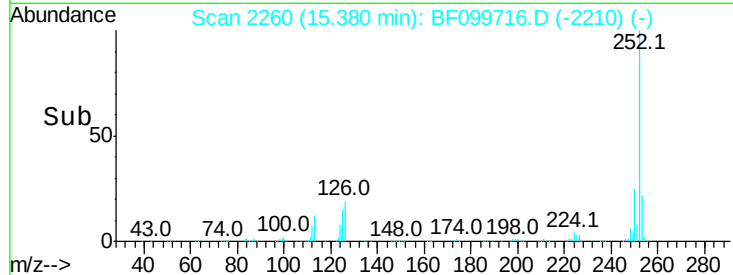
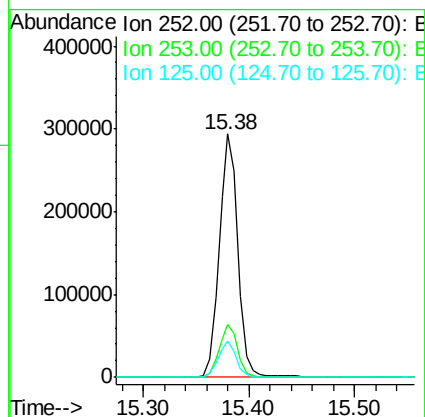
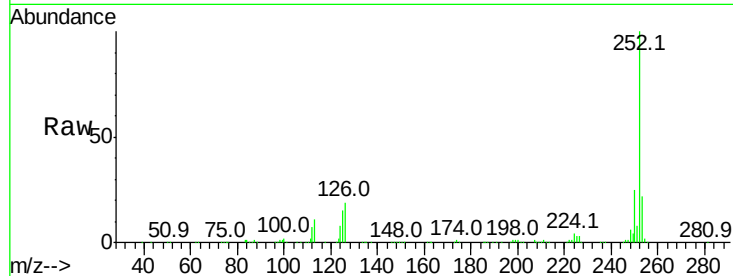




#89
Benzo(a)pyrene
Concen: 39.765 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

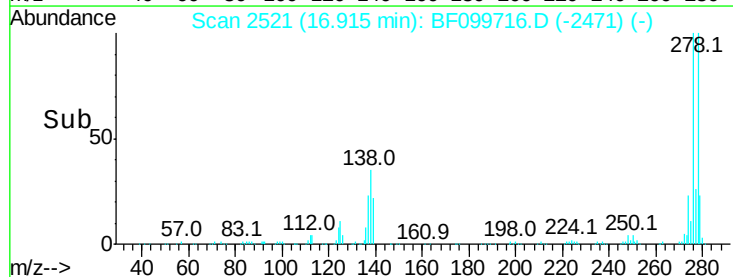
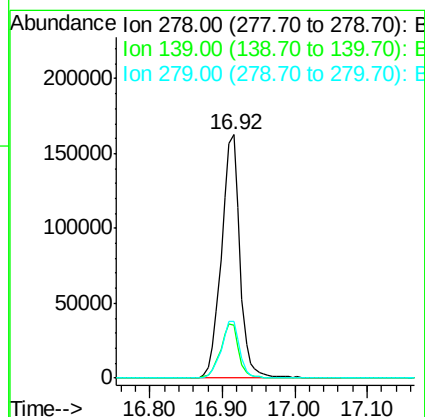
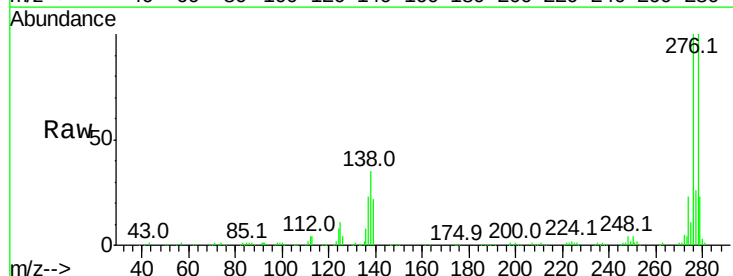
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

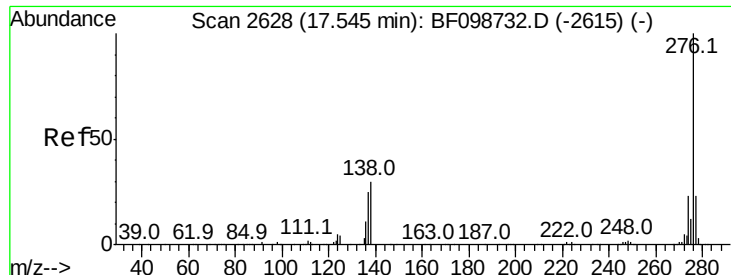
Tot Ion:252 Resp: 364728
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.8 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 39.376 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF099716.D
Acq: 20 Oct 2017 23:44

Tgt Ion:278 Resp: 289035
Ion Ratio Lower Upper
278 100
139 21.6 15.9 23.9
279 23.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.801 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BF099716.D

Acq: 20 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

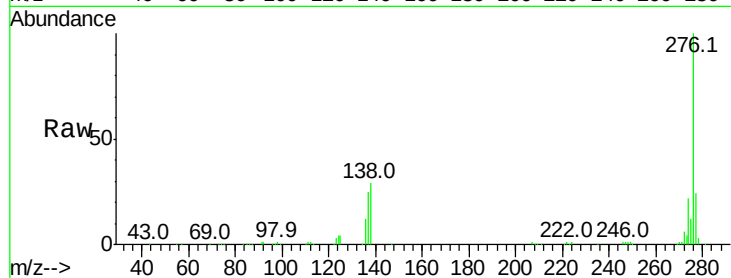
Tot Ion:276 Resp: 274282

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 29.0 21.8 32.8



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

