

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099824.D
 Acq On : 25 Oct 2017 20:19
 Operator : SJ/JU
 Sample : PB103578BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:36:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	68316	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	283935	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	130480	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	232410	20.00	ng	0.00
75) Chrysene-d12	13.99	240	166438	20.00	ng	0.00
86) Perylene-d12	15.46	264	148496	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	598348	137.51	ng	0.01
7) Phenol-d6	6.44	99	711729	137.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	409878	92.94	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	160780	135.21	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	847593	100.22	ng	0.00
78) Terphenyl-d14	12.92	244	738679	96.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	69258	36.042	ng	91
3) Pyridine	3.32	79	160363	34.703	ng	90
4) n-Nitrosodimethylamine	3.26	42	70390	42.639	ng	# 76
6) Aniline	6.46	93	148343	22.174	ng	# 83
8) 2-Chlorophenol	6.59	128	216464	46.675	ng	90
9) Benzaldehyde	6.35	77	60167	19.515	ng	94
10) Phenol	6.45	94	257024	45.371	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	190997	43.661	ng	94
12) 1,3-Dichlorobenzene	6.73	146	229751	44.121	ng	96
13) 1,4-Dichlorobenzene	6.81	146	234806	44.429	ng	98
14) 1,2-Dichlorobenzene	6.96	146	217082	45.069	ng	97
15) Benzyl Alcohol	6.95	79	149202	45.470	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	246416	50.709	ng	72
17) 2-Methylphenol	7.06	107	174311	44.934	ng	97
18) Hexachloroethane	7.30	117	73049	41.430	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	131912	43.627	ng	88
20) 3+4-Methylphenols	7.21	107	220906	48.905	ng	# 59
22) Acetophenone	7.21	105	275999	42.692	ng	# 97
24) Nitrobenzene	7.39	77	202860	45.651	ng	90
25) Isophorone	7.62	82	378548	47.302	ng	96
26) 2-Nitrophenol	7.70	139	118677	46.628	ng	88
27) 2,4-Dimethylphenol	7.74	122	192805	51.414	ng	94
28) bis(2-Chloroethoxy)methane	7.83	93	251583	44.888	ng	99
29) 2,4-Dichlorophenol	7.95	162	186868	47.968	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	186737	44.863	ng	98
31) Naphthalene	8.10	128	609505	44.471	ng	99
32) Benzoic acid	7.89	122	110303	33.417	ng	93
33) 4-Chloroaniline	8.16	127	96843	17.111	ng	95
34) Hexachlorobutadiene	8.21	225	93353	43.603	ng	98
35) Caprolactam	8.54	113	59700	48.731	ng	# 78
36) 4-Chloro-3-methylphenol	8.65	107	182896	45.998	ng	93
37) 2-Methylnaphthalene	8.79	142	424353	46.201	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	178091	42.260	ng	97
40) Hexachlorocyclopentadiene	8.94	237	18988	33.191	ng	99

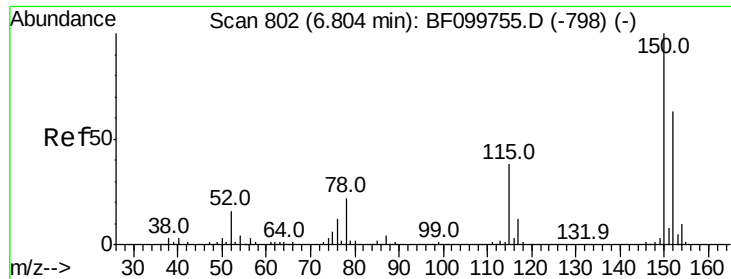
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099824.D
 Acq On : 25 Oct 2017 20:19
 Operator : SJ/JU
 Sample : PB103578BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	120501	47.272	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	126003	46.581	ng	# 91
45) 1,1'-Biphenyl	9.26	154	504371	42.729	ng	99
46) 2-Chloronaphthalene	9.29	162	389887	45.482	ng	97
47) 2-Nitroaniline	9.39	65	102487	45.552	ng	89
48) Acenaphthylene	9.70	152	577586	43.746	ng	99
49) Dimethylphthalate	9.56	163	461262	44.640	ng	100
50) 2,6-Dinitrotoluene	9.63	165	99895	45.987	ng	92
51) Acenaphthene	9.87	154	347186	43.036	ng	98
52) 3-Nitroaniline	9.81	138	68535	26.777	ng	87
53) 2,4-Dinitrophenol	9.93	184	33479	41.986	ng	# 83
54) Dibenzofuran	10.05	168	512668	45.019	ng	98
55) 4-Nitrophenol	9.99	139	127815	95.573	ng	80
56) 2,4-Dinitrotoluene	10.05	165	123960	47.386	ng	88
57) Fluorene	10.39	166	417903	44.322	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	92584	48.816	ng	# 93
59) Diethylphthalate	10.27	149	439539	43.559	ng	96
60) 4-Chlorophenyl-phenylether	10.38	204	192055	43.281	ng	92
61) 4-Nitroaniline	10.43	138	92982	38.077	ng	84
62) Azobenzene	10.54	77	374920	44.324	ng	92
64) 4,6-Dinitro-2-methylphenol	10.47	198	32560	22.287	ng	# 69
65) n-Nitrosodiphenylamine	10.50	169	372059	43.367	ng	98
66) 4-Bromophenyl-phenylether	10.87	248	111107	45.411	ng	95
67) Hexachlorobenzene	10.95	284	110384	44.098	ng	# 87
68) Atrazine	11.03	200	118312	45.909	ng	99
69) Pentachlorophenol	11.15	266	90297	84.422	ng	99
70) Phenanthrene	11.36	178	589085	44.913	ng	98
71) Anthracene	11.41	178	604416	45.399	ng	99
72) Carbazole	11.57	167	569551	45.492	ng	98
73) Di-n-butylphthalate	11.89	149	711772	44.573	ng	99
74) Fluoranthene	12.55	202	598194	43.886	ng	99
76) Benzidine	12.67	184	201455	27.662	ng	98
77) Pyrene	12.78	202	601729	47.546	ng	99
79) Butylbenzylphthalate	13.39	149	290373	46.593	ng	# 86
80) Benzo(a)anthracene	13.97	228	472503	44.783	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	147080	38.402	ng	98
82) Chrysene	14.02	228	452082	45.576	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	409659	46.808	ng	99
84) Di-n-octyl phthalate	14.56	149	680124	45.277	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.94	276	376456	41.341	ng	97
87) Benzo(b)fluoranthene	15.03	252	425545	45.383	ng	97
88) Benzo(k)fluoranthene	15.06	252	438100	49.547	ng	99
89) Benzo(a)pyrene	15.40	252	409456	48.612	ng	98
90) Dibenzo(a,h)anthracene	16.94	278	323236	43.188	ng	97
91) Benzo(g,h,i)perylene	17.39	276	301240	41.140	ng	96

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

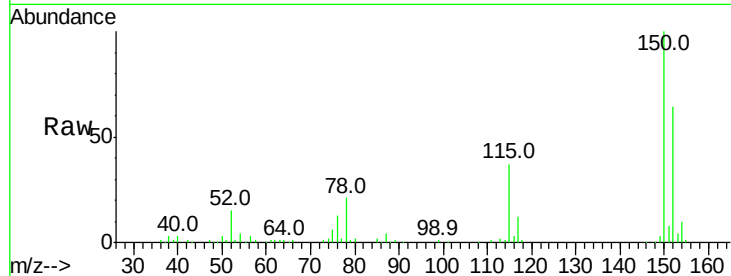


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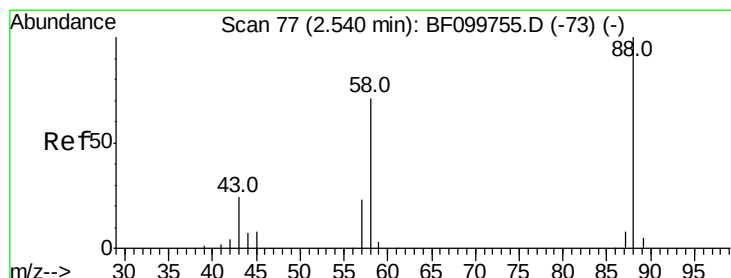
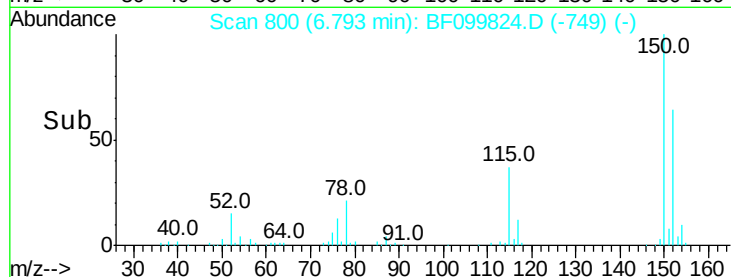
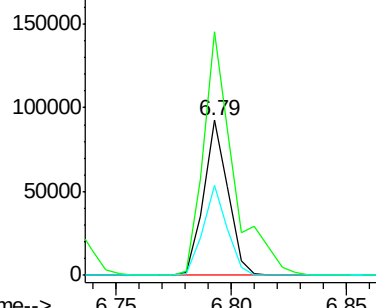
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68316
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 57.9 50.1 75.1



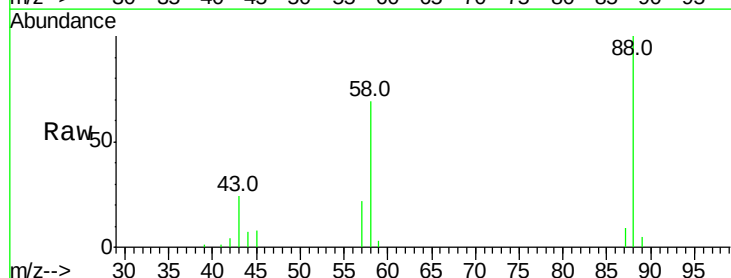
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



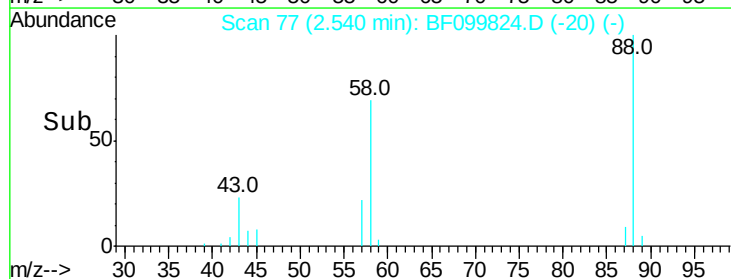
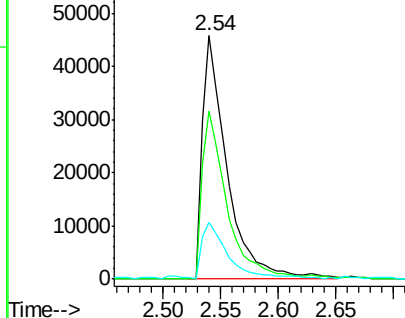
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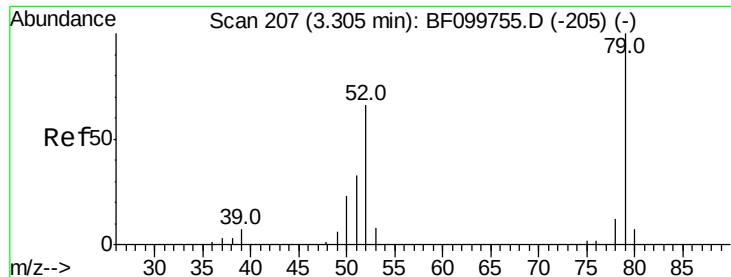
1,4-Dioxane
Concen: 36.042 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.04 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion: 88 Resp: 69258
Ion Ratio Lower Upper
88 100
58 70.9 62.6 93.8
43 25.2 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

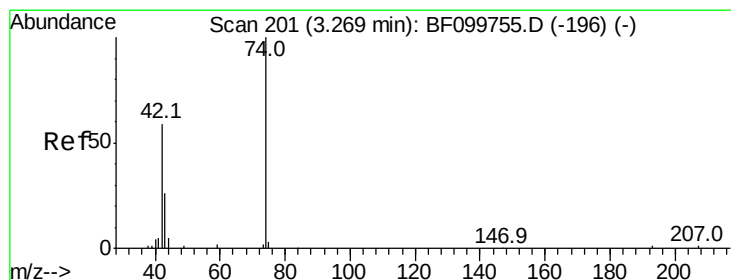
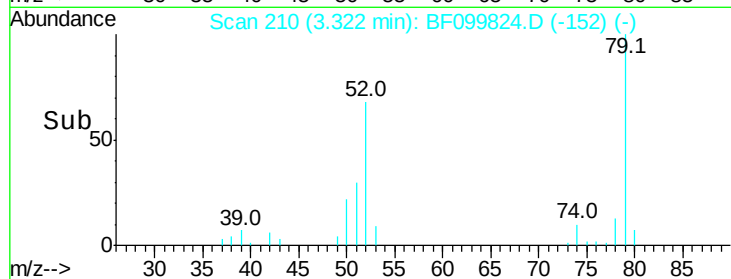
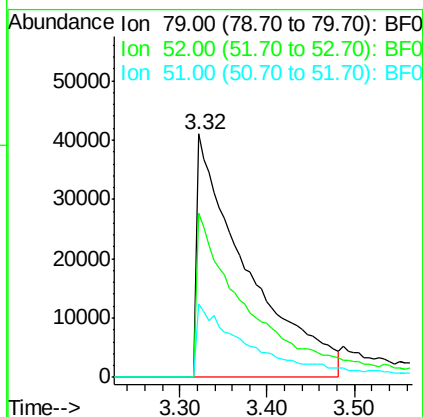
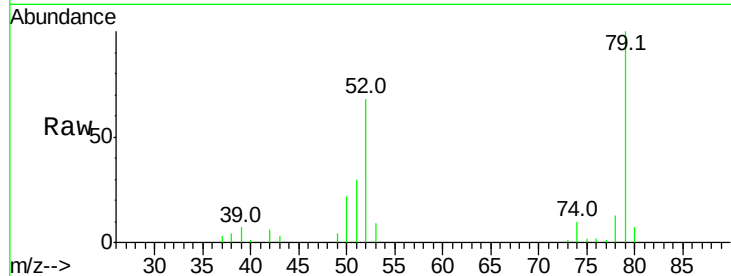




#3
 Pvrindine
 Concen: 34.703 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.04 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

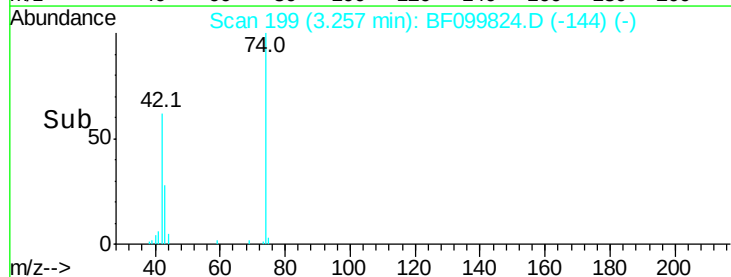
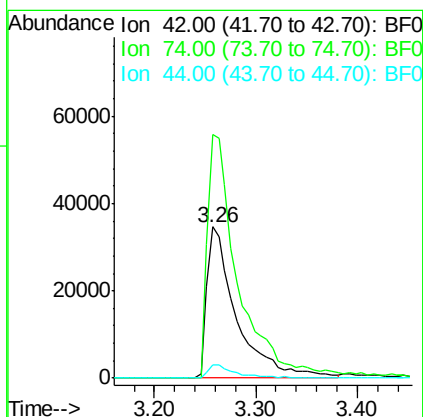
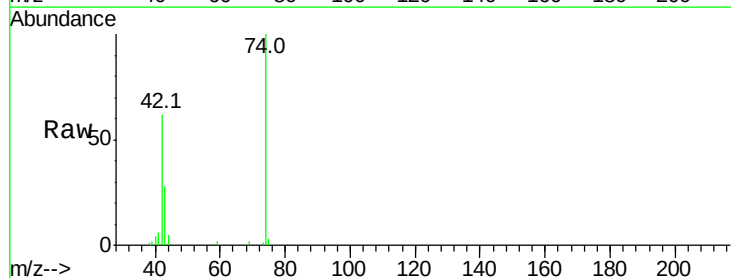
Instrument :
 BNA_F
 ClientSampleId :

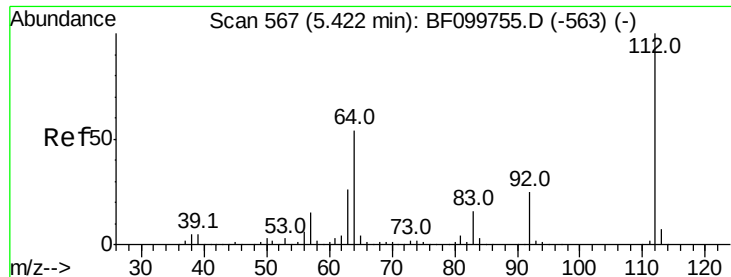
Tot Ion: 79 Resp: 160363
 Ion Ratio Lower Upper
 79 100
 52 67.7 59.8 89.6
 51 29.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 42.639 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.02 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion: 42 Resp: 70390
 Ion Ratio Lower Upper
 42 100
 74 161.2 104.9 157.3#
 44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 137.506 ng

RT: 5.42 min Scan# 567

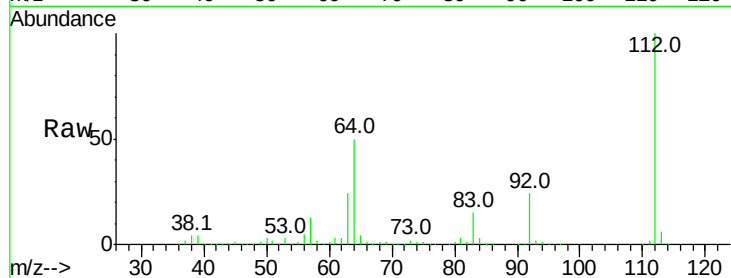
Delta R.T. 0.01 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampled :

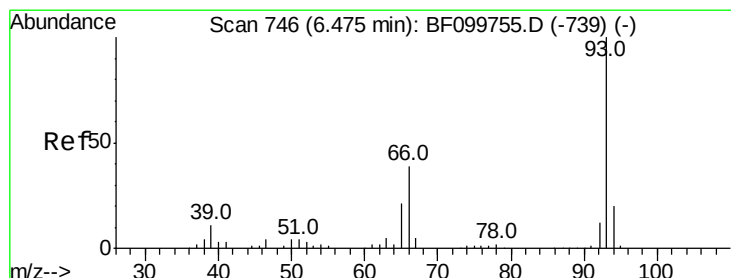
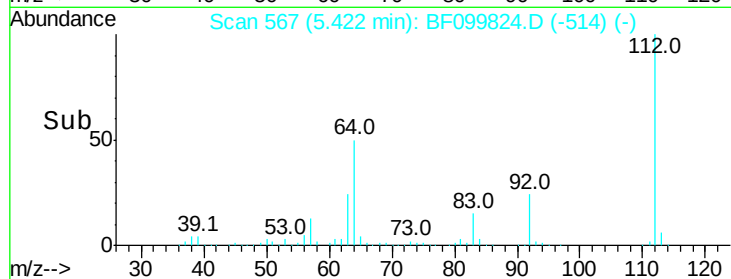
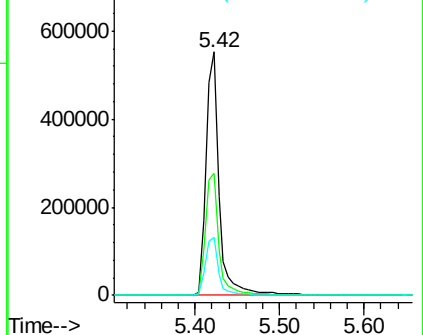
Tot Ion:	112	Resp:	598348
Ion Ratio	Lower	Upper	
112	100		
64	49.9	47.9	71.9
63	23.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.174 ng

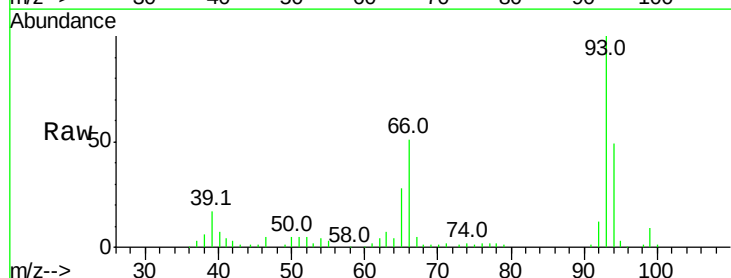
RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

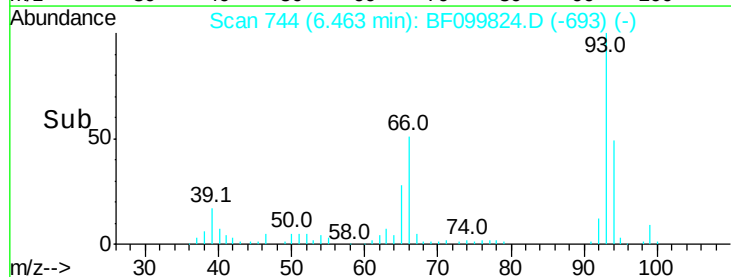
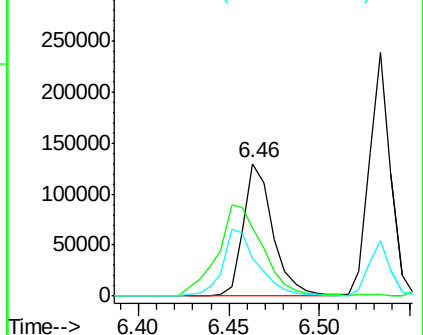
Tgt Ion:	93	Resp:	148343
Ion Ratio	Lower	Upper	
93	100		
66	51.2	32.2	48.2#
65	28.3	16.4	24.6#

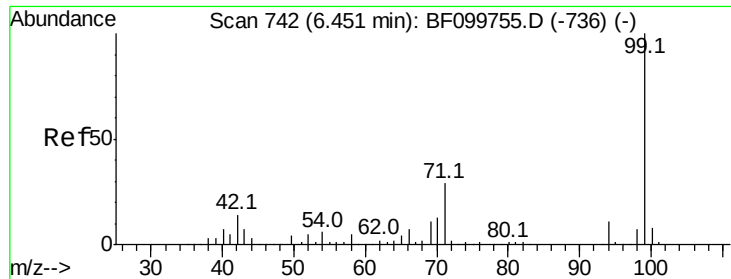


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.943 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Instrument :

BNA_F

ClientSampleId :

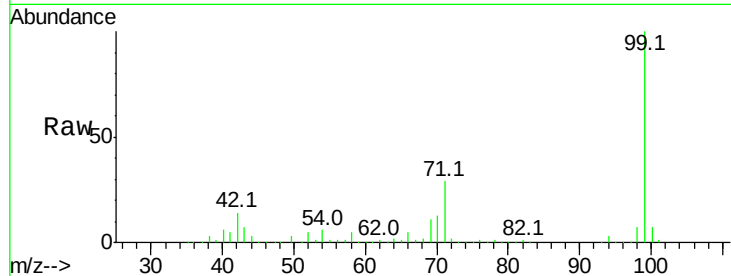
Tot Ion: 99 Resp: 711729

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

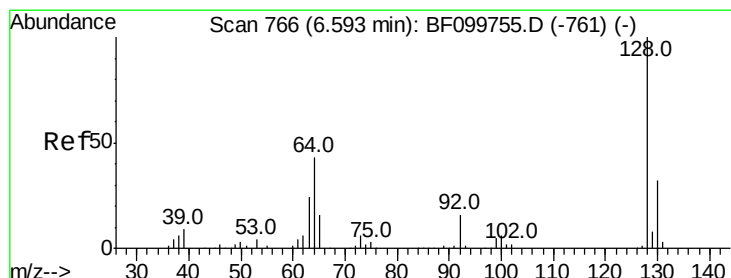
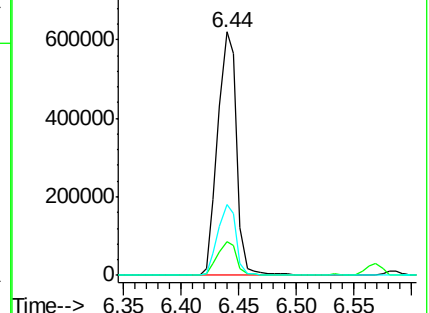
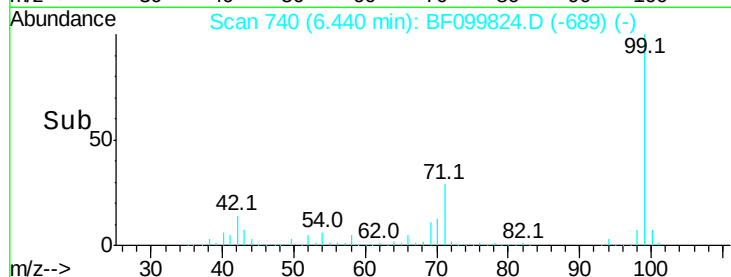
71 29.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.675 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

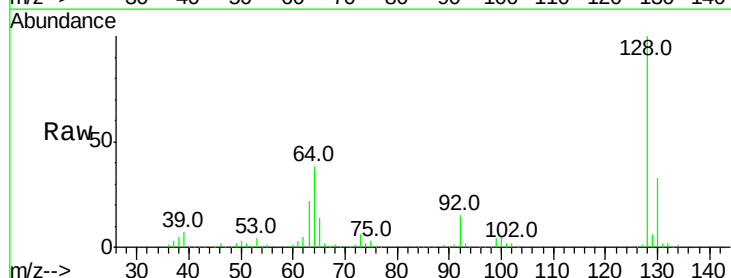
Tgt Ion: 128 Resp: 216464

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

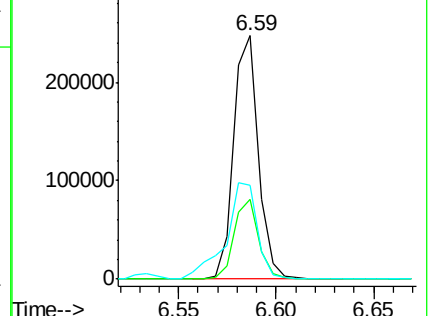
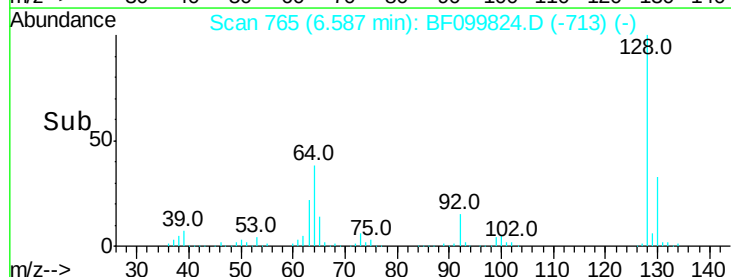
64 38.4 29.4 69.4

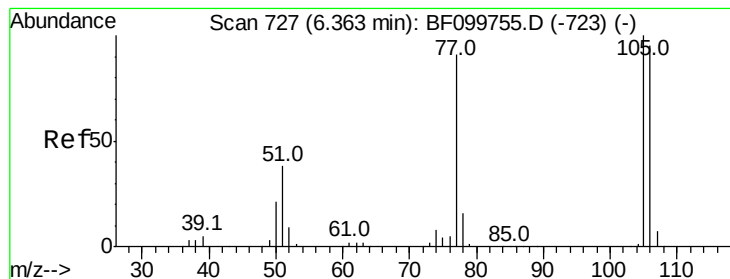


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.515 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Instrument :

BNA_F

ClientSampleId :

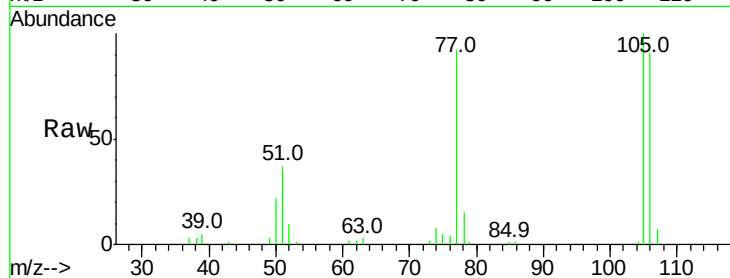
Tot Ion: 77 Resp: 60167

Ion Ratio Lower Upper

77 100

105 108.8 81.1 121.1

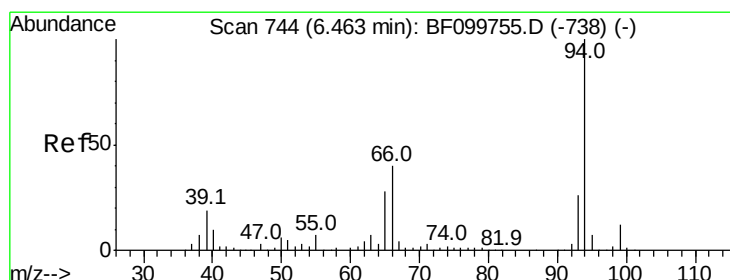
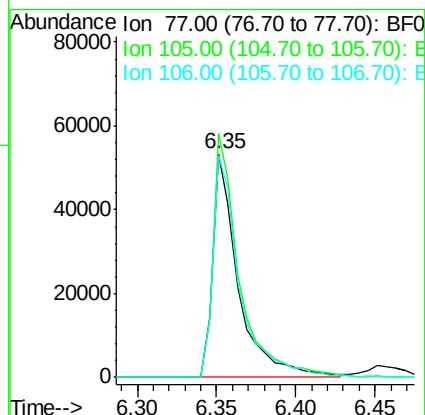
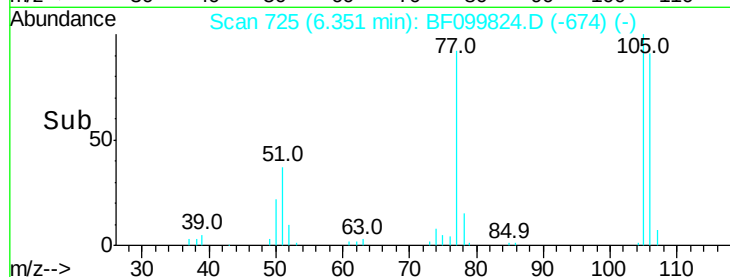
106 99.1 74.5 114.5



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: 45.371 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

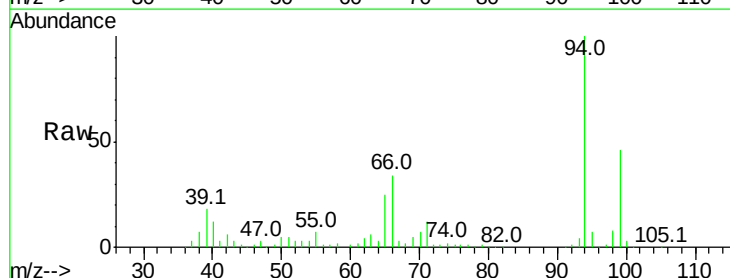
Tgt Ion: 94 Resp: 257024

Ion Ratio Lower Upper

94 100

65 24.8 7.9 47.9

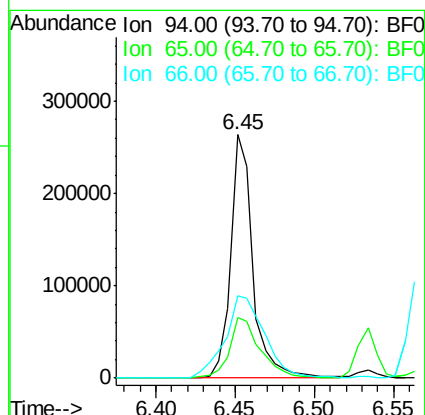
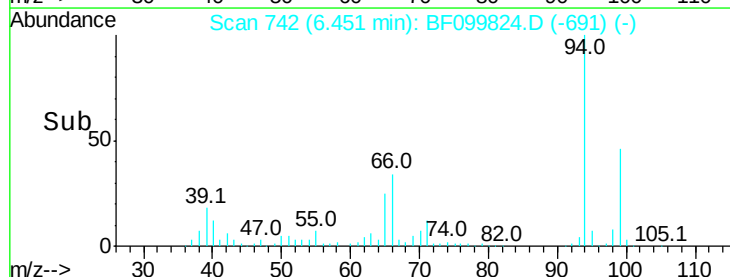
66 33.9 16.2 56.2

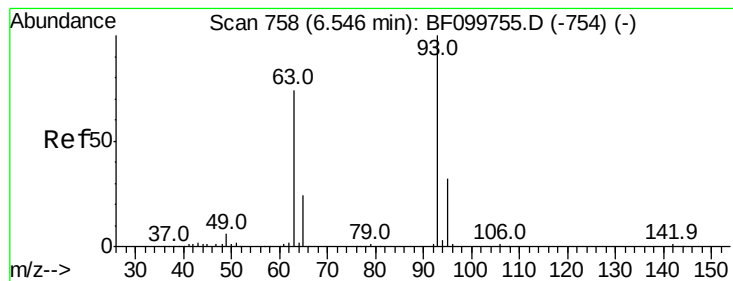


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

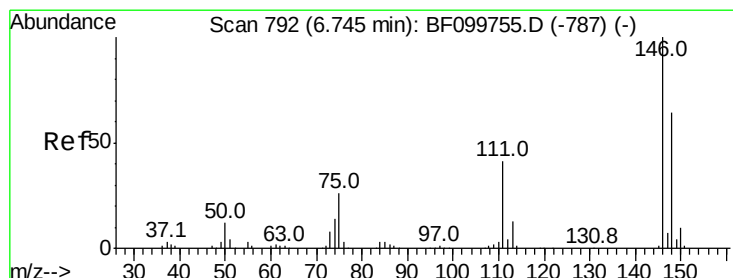
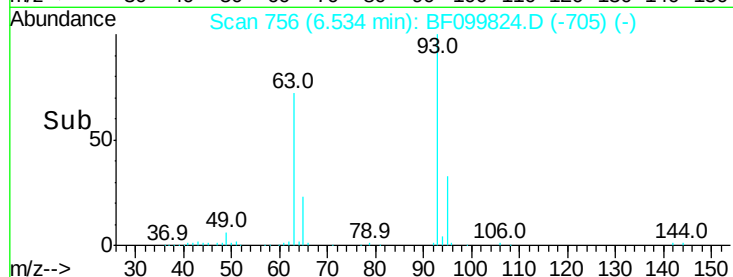
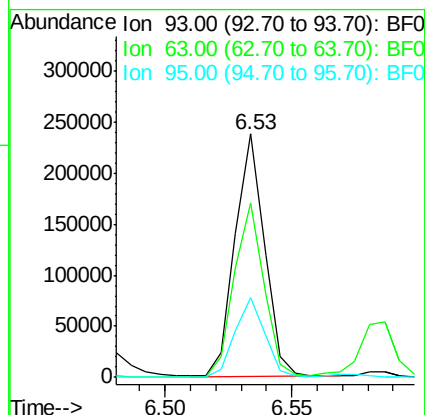
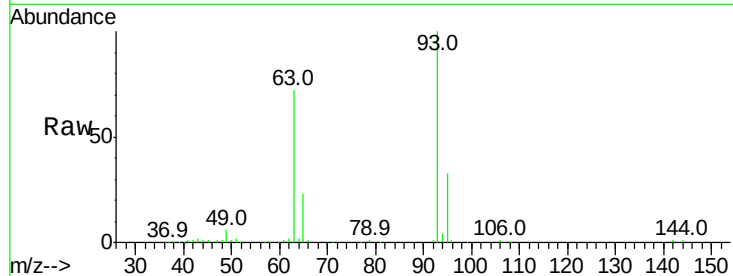




#11
 bis(2-Chloroethyl)ether
 Concen: 43.661 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

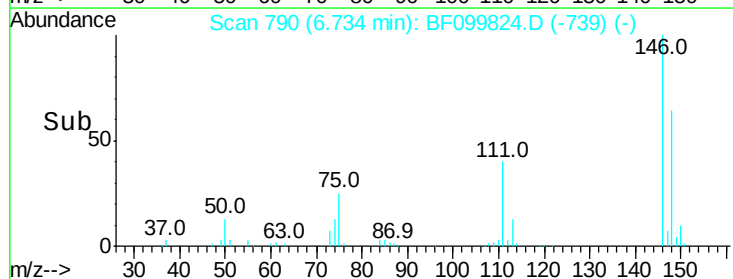
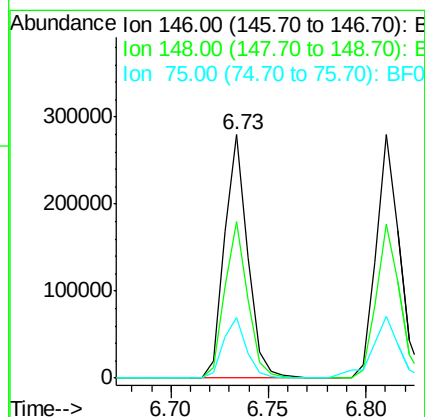
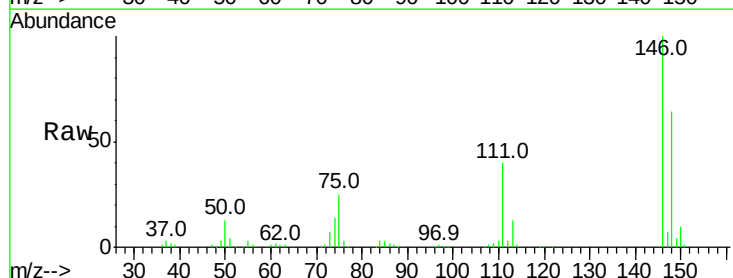
Instrument :
 BNA_F
 ClientSampleId :

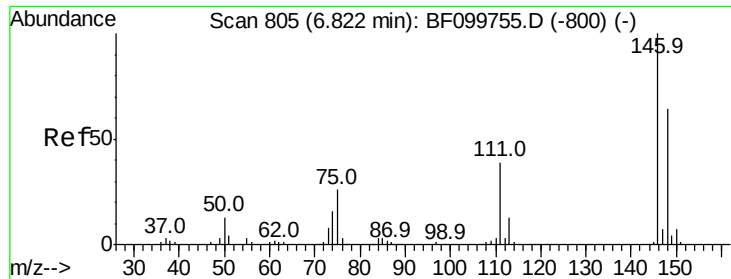
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	58.6	98.6
95	32.6	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 44.121 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	24.7	24.2	36.4

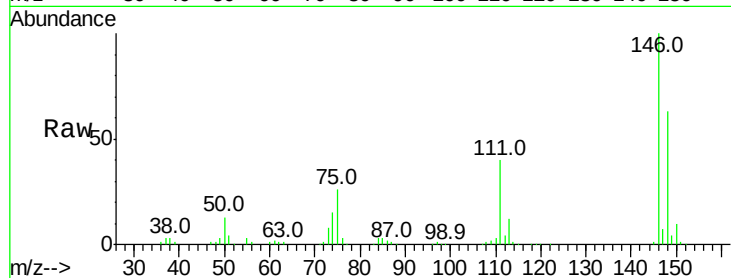




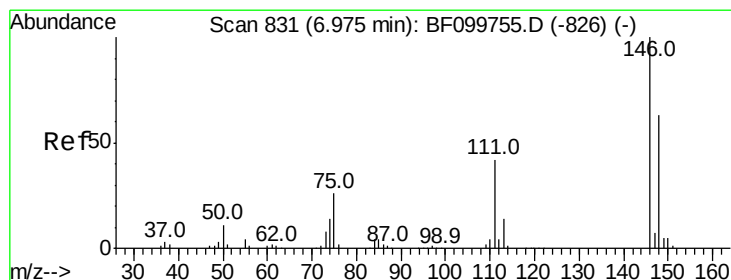
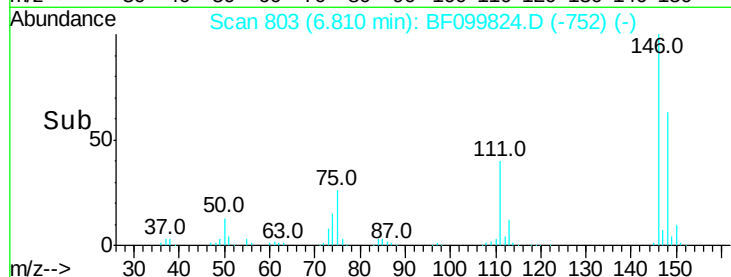
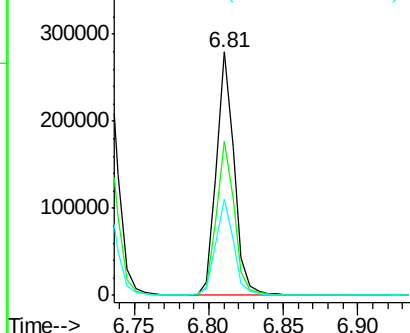
#13
 1,4-Dichlorobenzene
 Concen: 44.429 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 234806
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 39.7 34.2 51.2

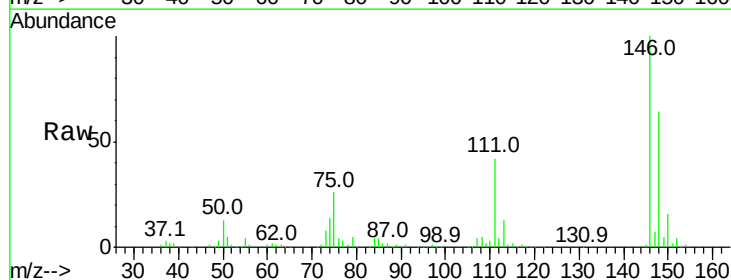


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

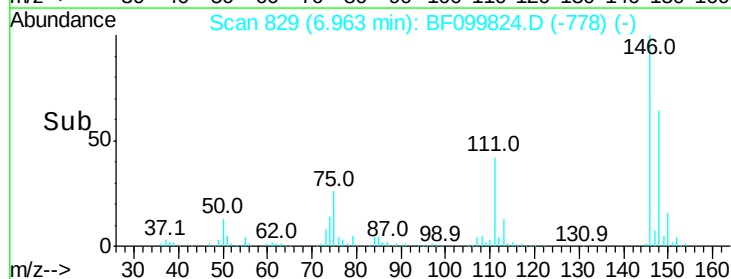
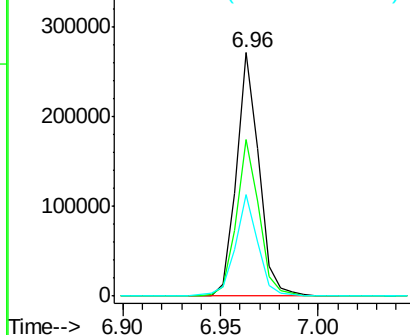


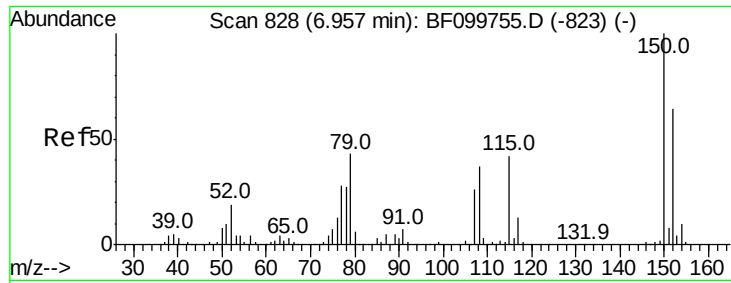
#14
 1,2-Dichlorobenzene
 Concen: 45.069 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion:146 Resp: 217082
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 41.6 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

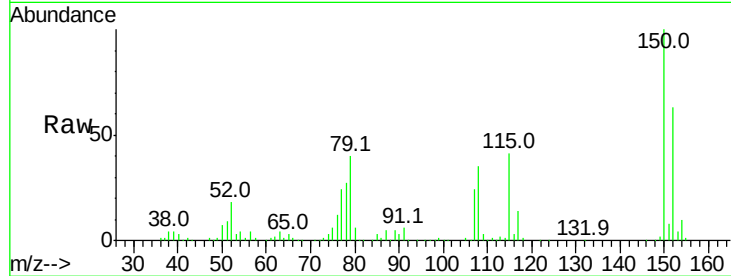




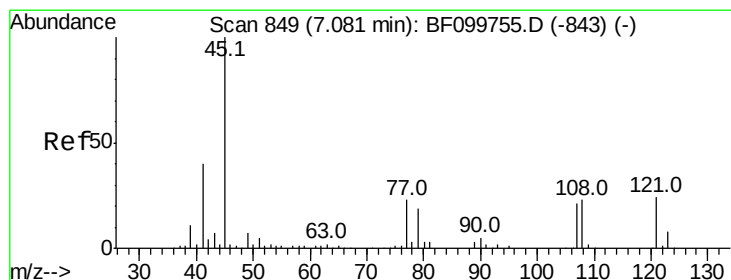
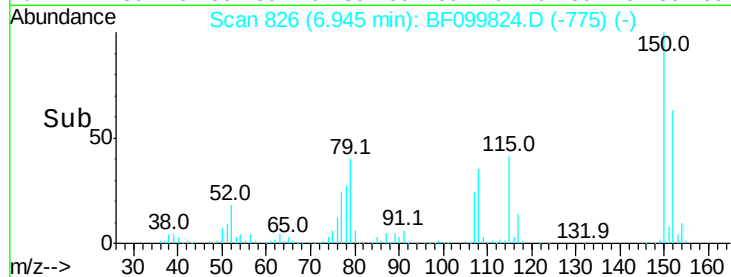
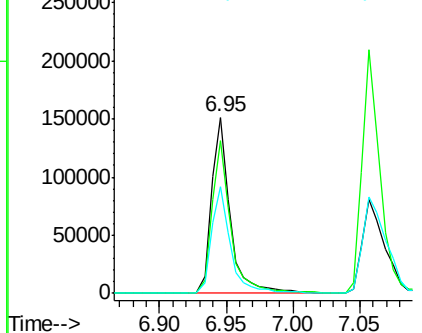
#15
Benzyl Alcohol
Concen: 45.470 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 149202
Ion Ratio Lower Upper
79 100
108 87.0 65.1 97.7
77 60.4 50.6 75.8

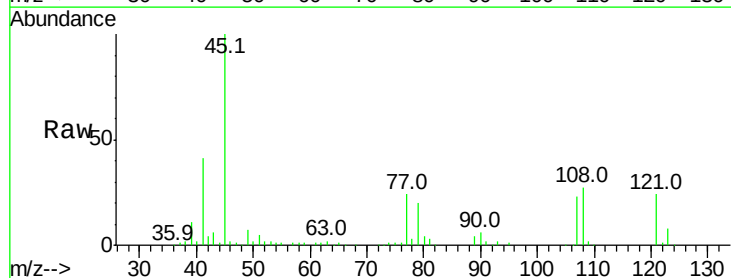


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

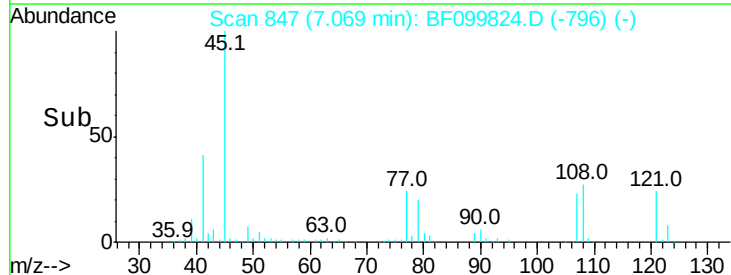
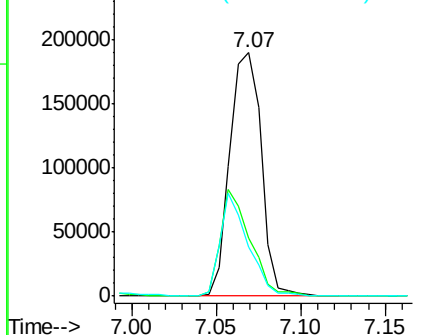


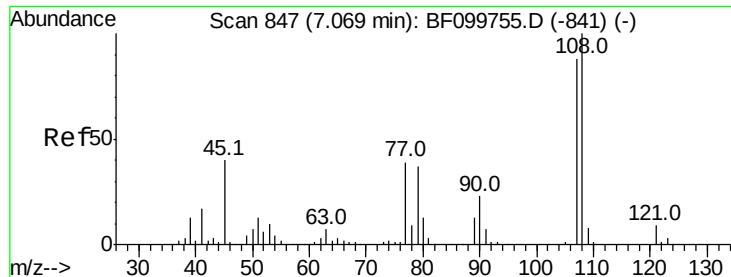
#16
2,2'-oxybis(1-chloropropane)
Concen: 50.709 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion: 45 Resp: 246416
Ion Ratio Lower Upper
45 100
77 23.8 0.0 32.9
79 20.0 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

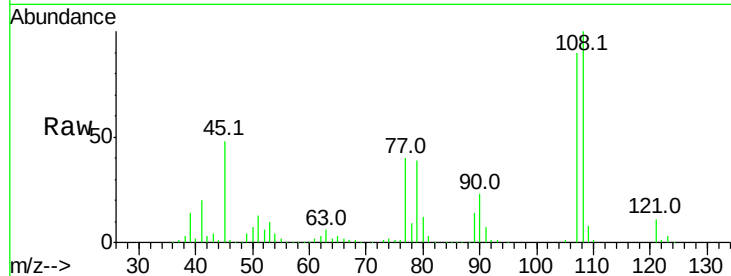




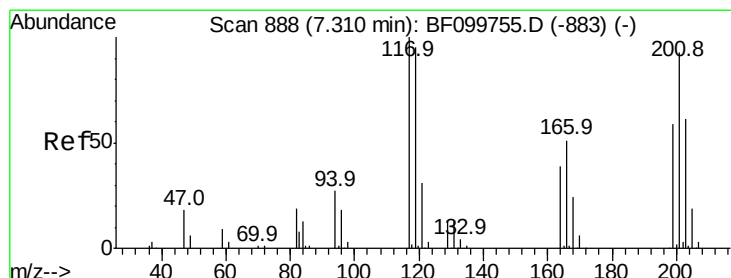
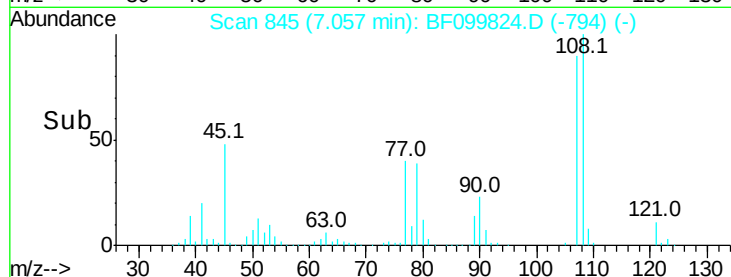
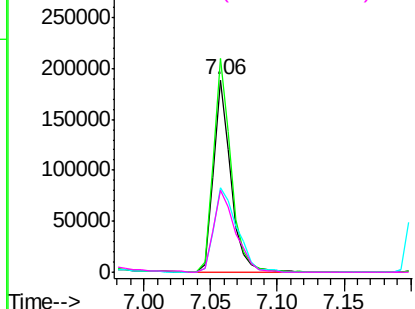
#17
2-Methylphenol
Concen: 44.934 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 174311
Ion Ratio Lower Upper
107 100
108 111.1 91.7 137.5
77 44.1 33.8 50.8
79 42.8 33.8 50.8

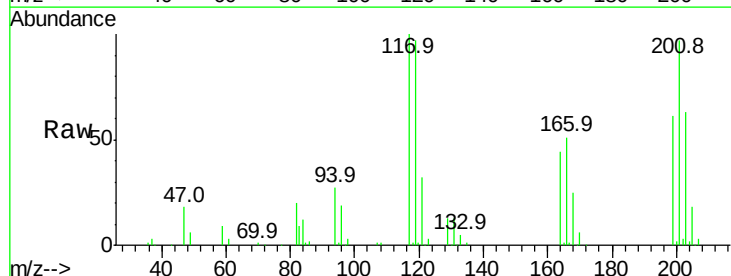


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

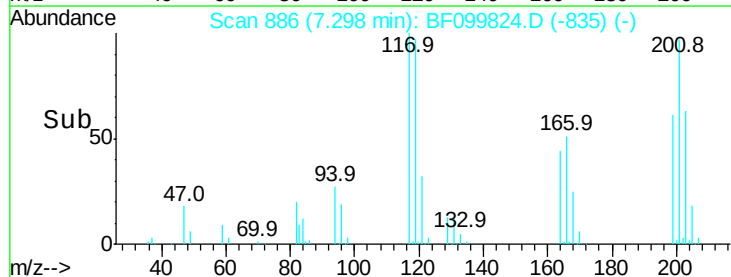
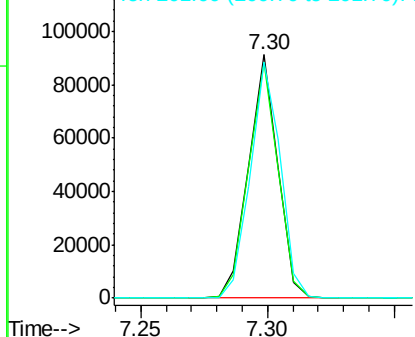


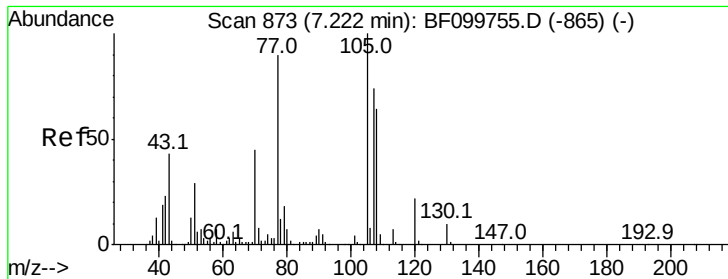
#18
Hexachloroethane
Concen: 41.430 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:117 Resp: 73049
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 96.8 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: 43.627 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 131912

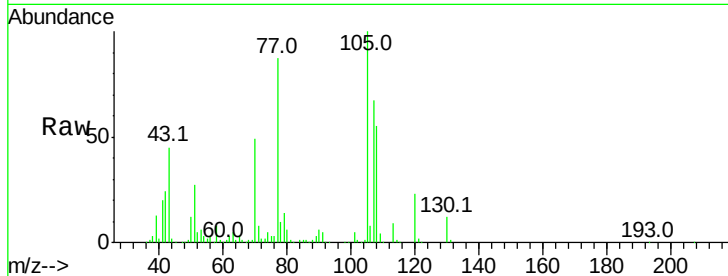
Ion Ratio Lower Upper

70 100

42 48.4 47.5 71.3

101 10.2 7.4 11.2

130 24.1 16.6 25.0

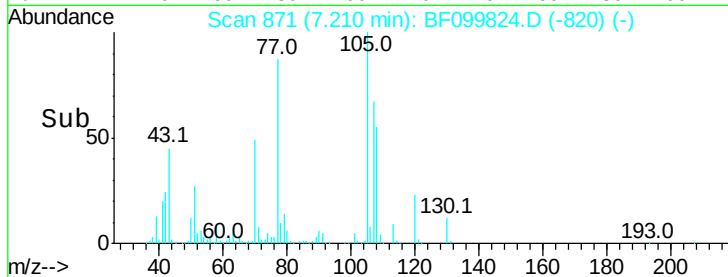
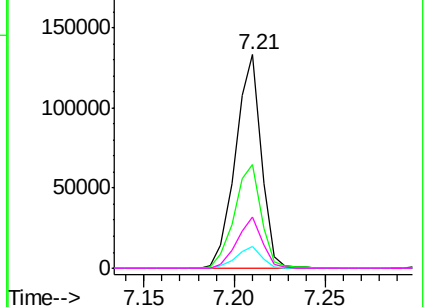


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 48.905 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Tgt Ion: 107 Resp: 220906

Ion Ratio Lower Upper

107 100

108 82.8 68.2 108.2

77 129.3 26.7 66.7#

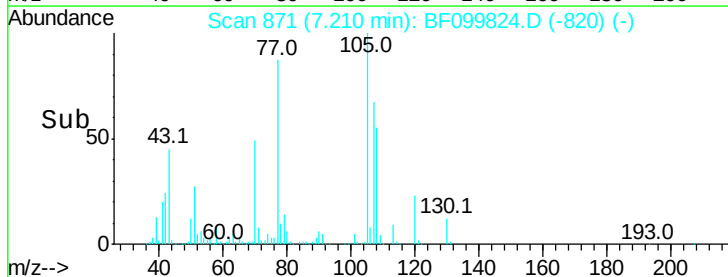
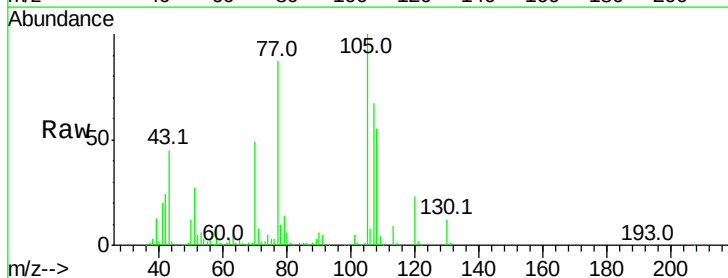
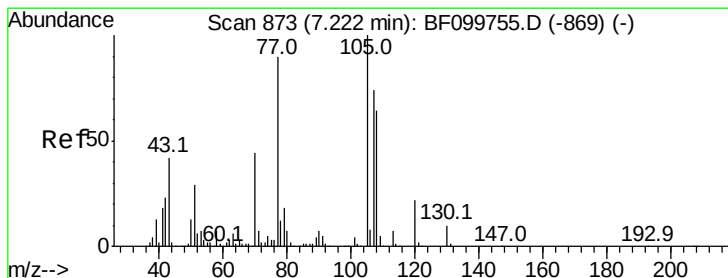
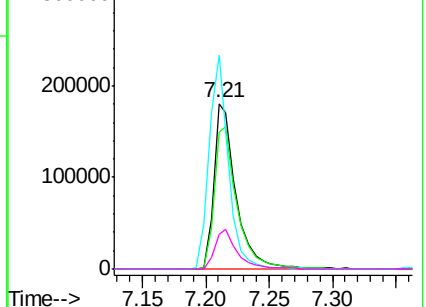
79 21.2 6.3 46.3

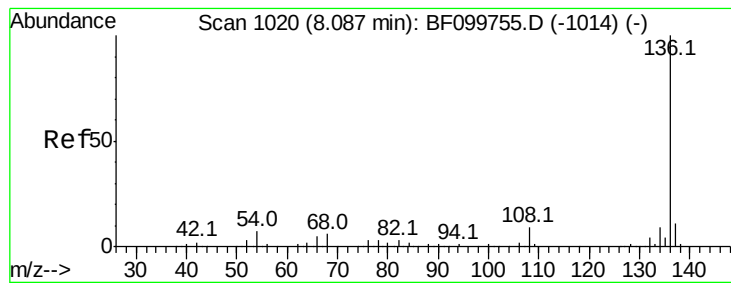
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 283935

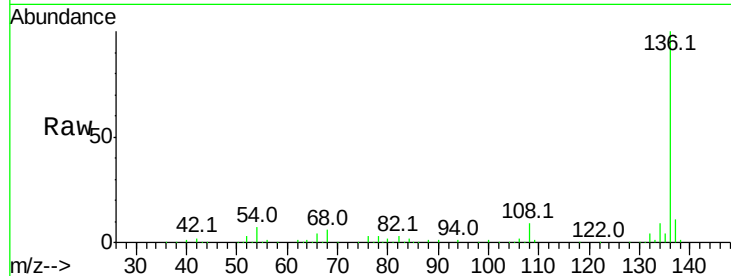
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.8 5.0 7.4

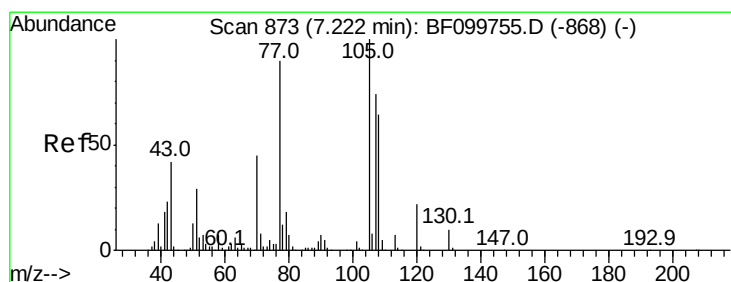
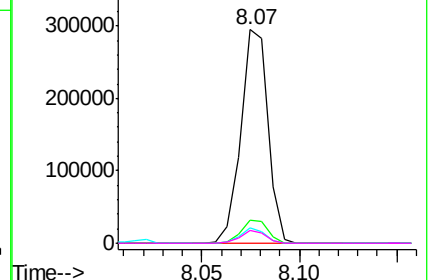
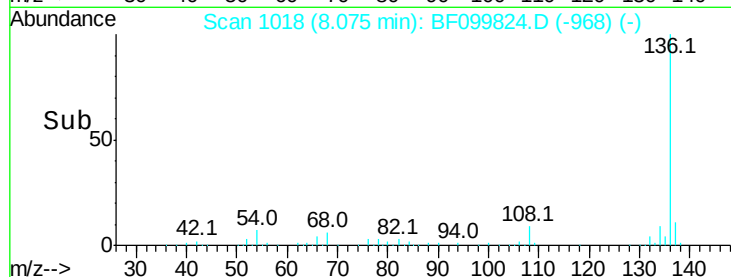


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.692 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Tgt Ion:105 Resp: 275999

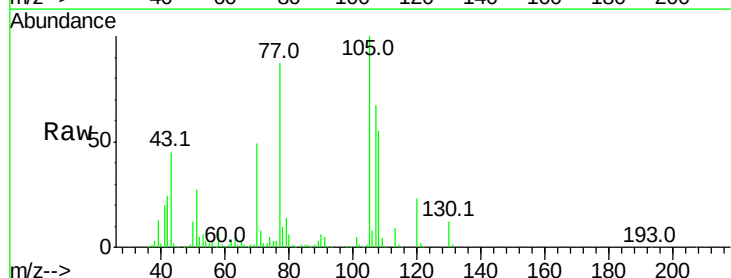
Ion Ratio Lower Upper

105 100

71 8.4 4.4 6.6#

51 26.8 22.3 33.5

120 22.5 16.9 25.3

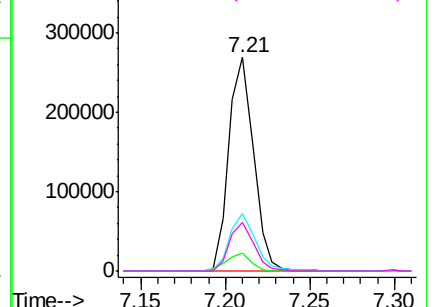
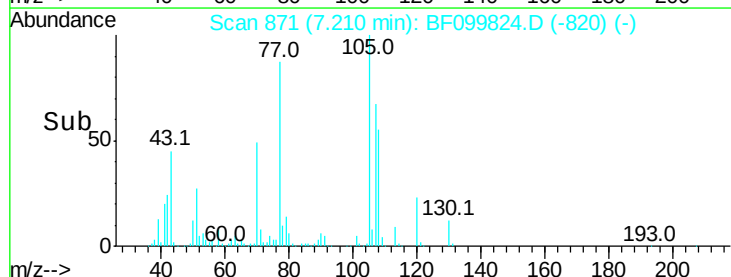


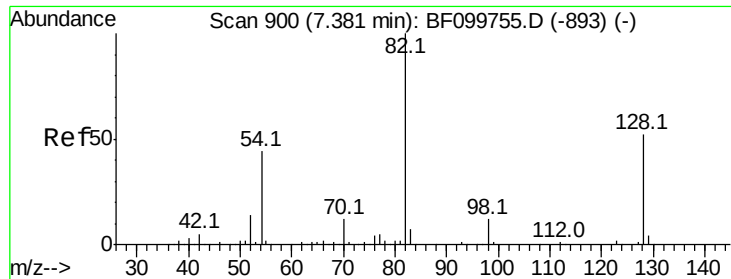
Abundance Ion 105.00 (104.70 to 105.70): E

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

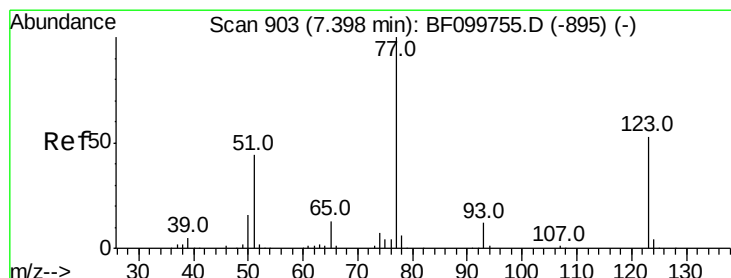
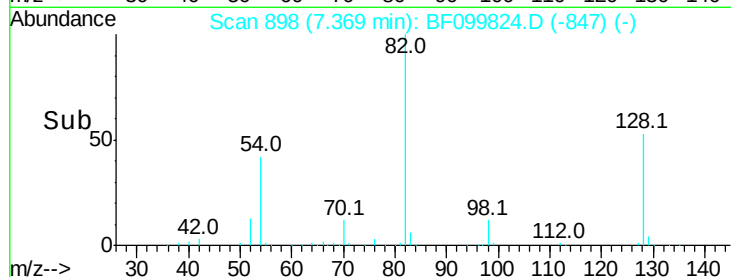
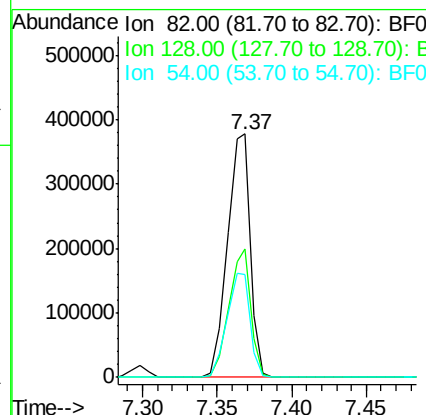
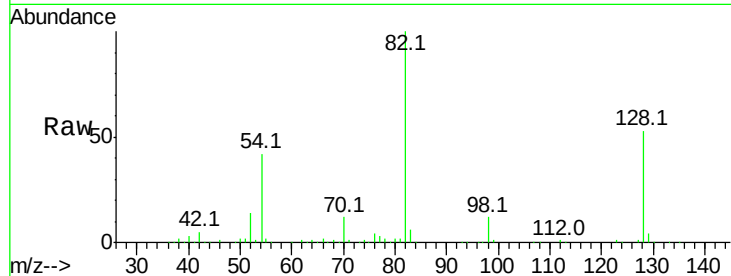




#23
 Nitrobenzene-d5
 Concen: 92.937 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

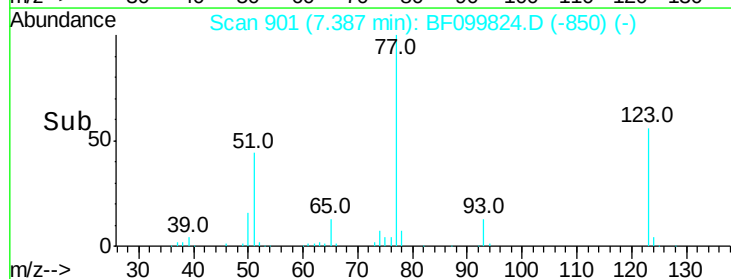
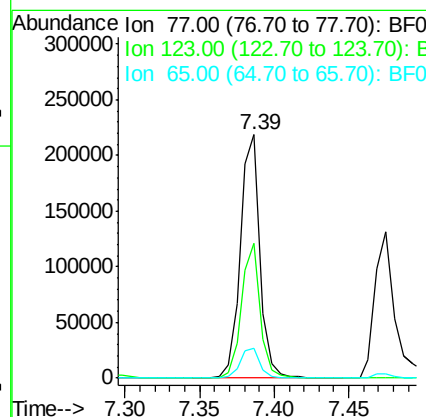
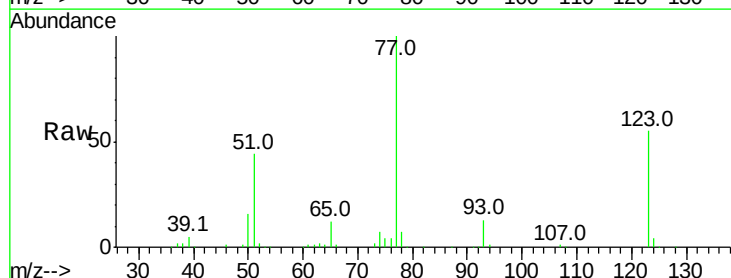
Instrument :
 BNA_F
 ClientSampleId :

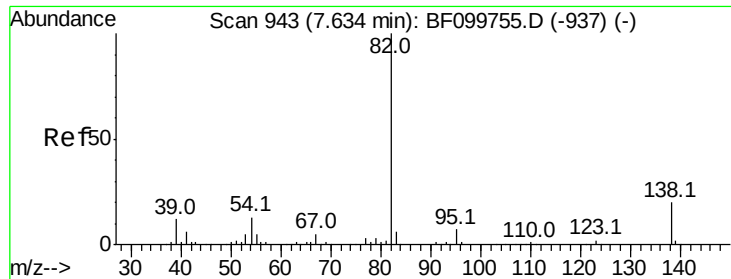
Tot Ion	Ratio	Lower	Upper
82	100		
128	52.7	36.1	54.1
54	42.5	41.4	62.2



#24
 Nitrobenzene
 Concen: 45.651 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.4	37.9	56.9
65	12.3	11.0	16.4





#25

Isophorone

Concen: 47.302 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Instrument :

BNA_F

ClientSampled :

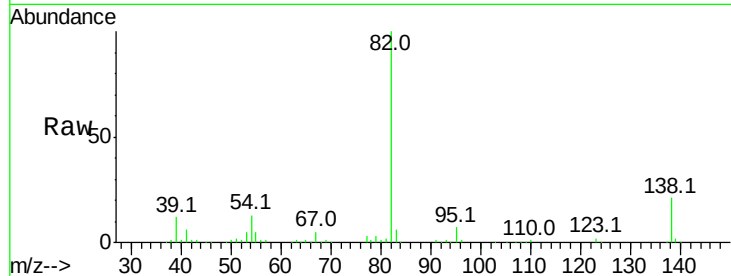
Tot Ion: 82 Resp: 378548

Ion Ratio Lower Upper

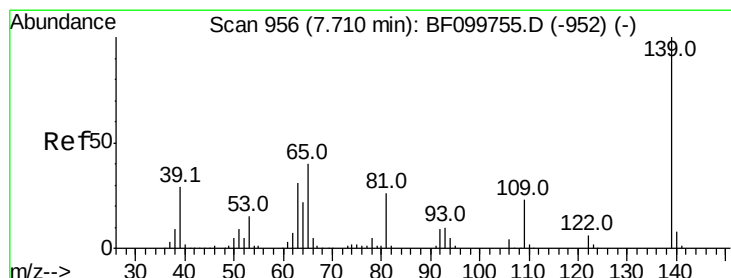
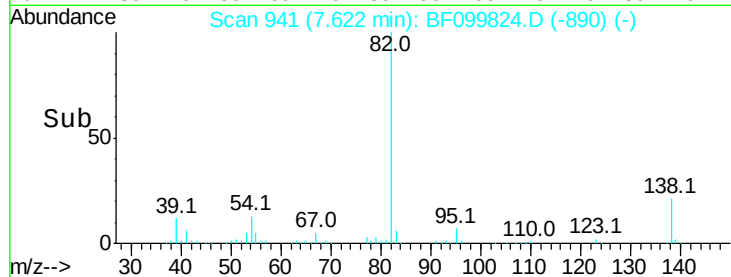
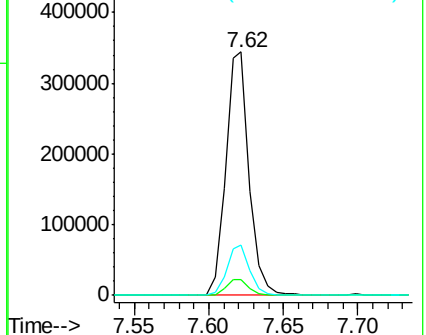
82 100

95 6.6 5.2 7.8

138 20.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.628 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

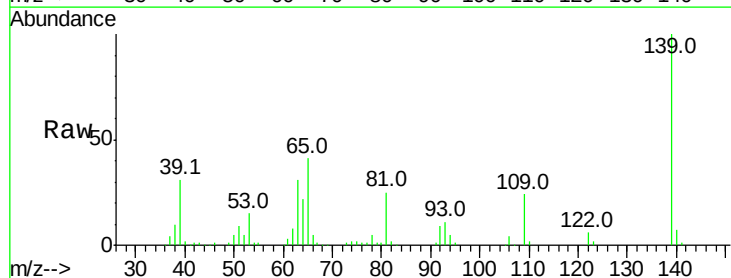
Tgt Ion: 139 Resp: 118677

Ion Ratio Lower Upper

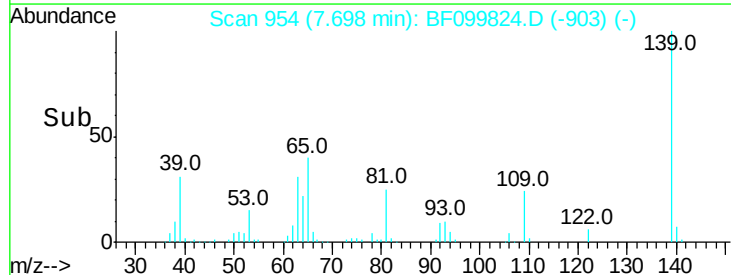
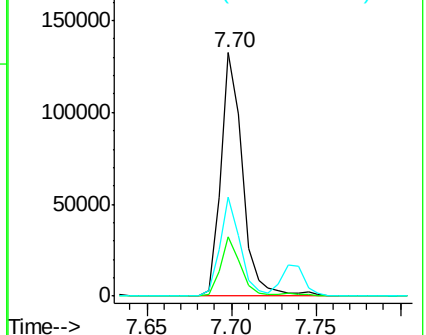
139 100

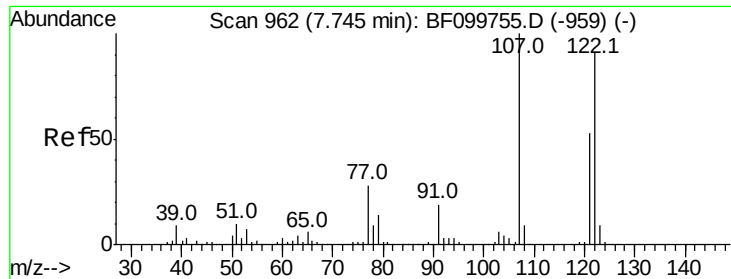
109 24.1 22.7 34.1

65 40.8 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

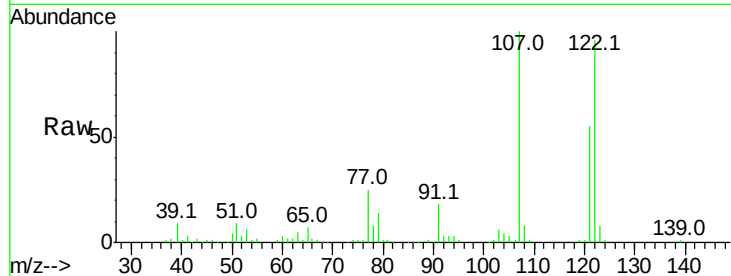




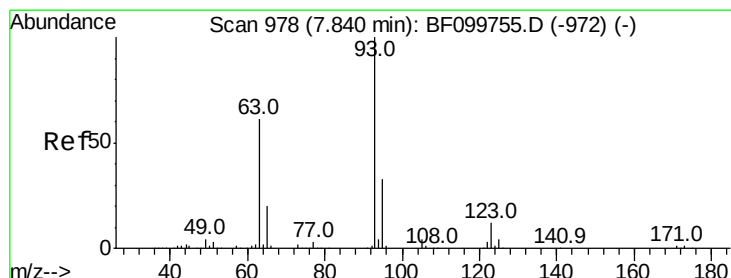
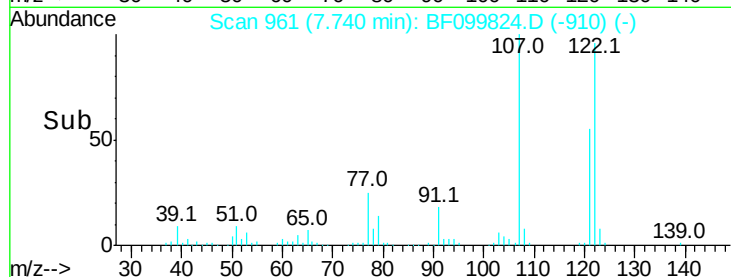
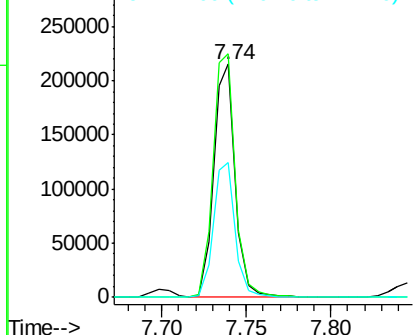
#27
 2,4-Dimethylphenol
 Concen: 51.414 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 192805
 Ion Ratio Lower Upper
 122 100
 107 104.4 91.2 136.8
 121 57.7 47.2 70.8

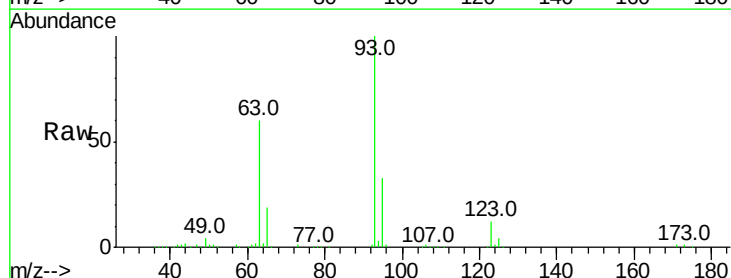


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

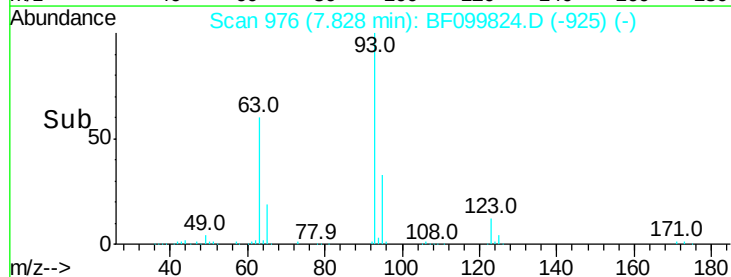
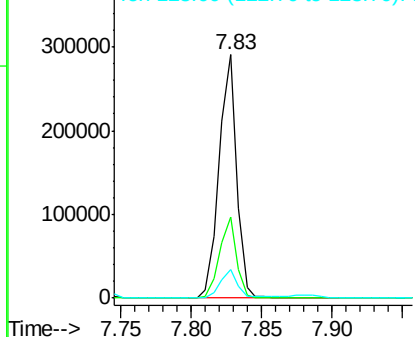


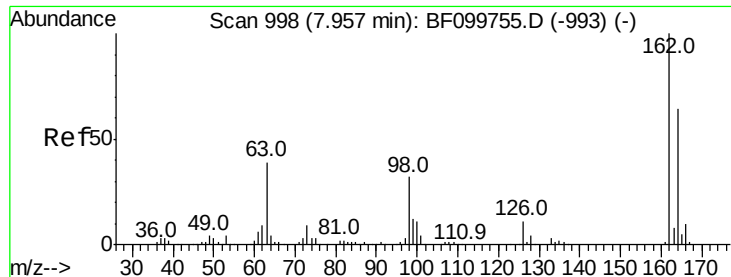
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.888 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion: 93 Resp: 251583
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.9 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

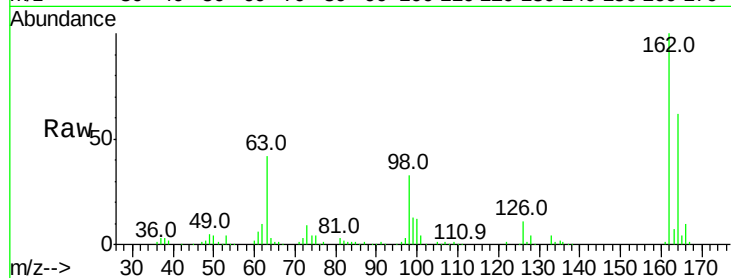




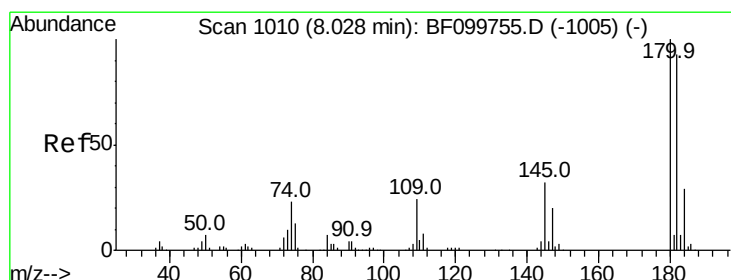
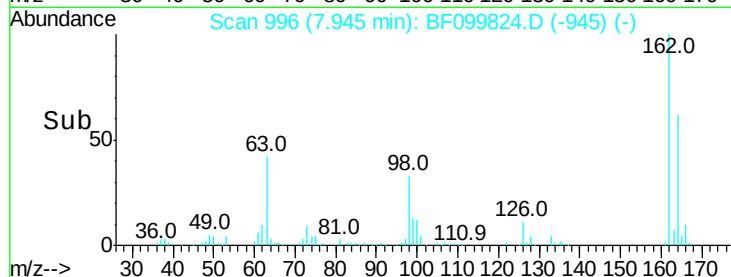
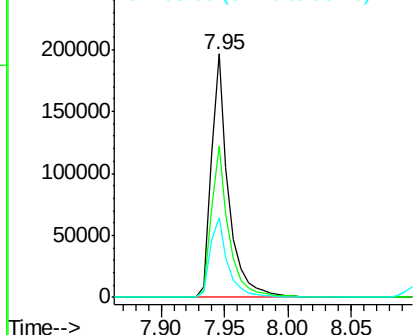
#29
2,4-Dichlorophenol
Concen: 47.968 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.7	82.7
98	32.6	18.1	58.1

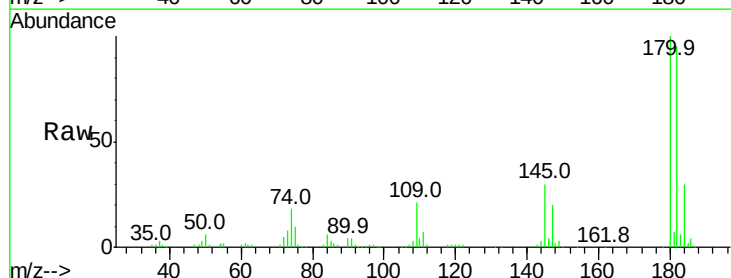


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

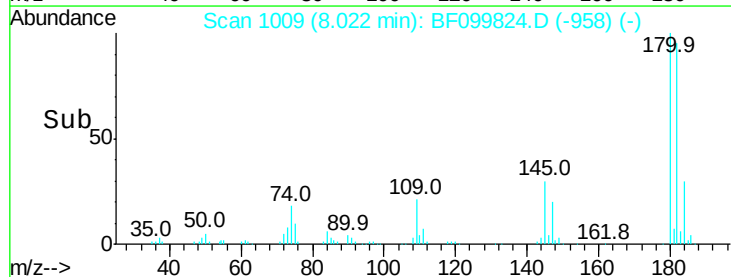
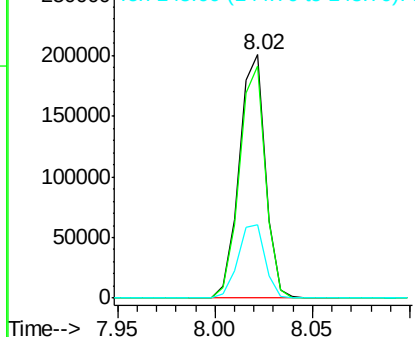


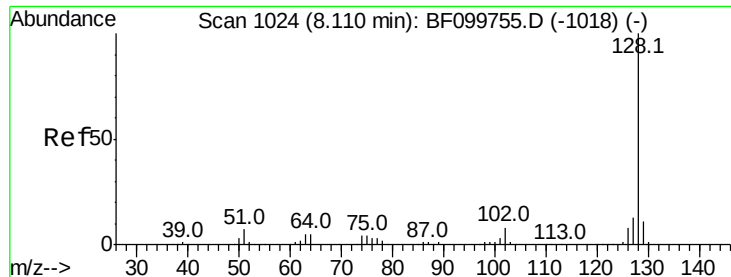
#30
1,2,4-Trichlorobenzene
Concen: 44.863 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	30.3	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

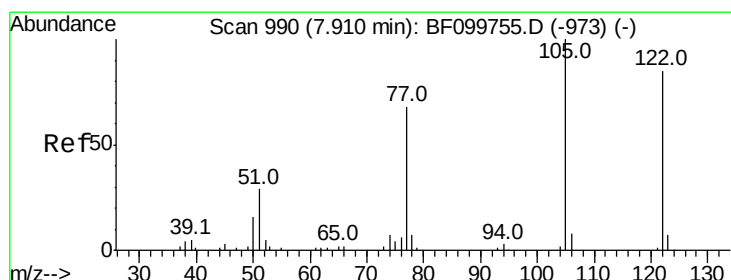
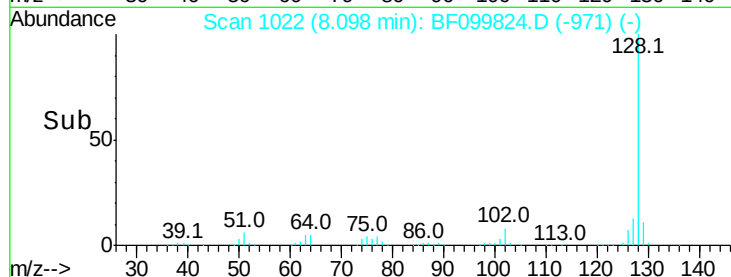
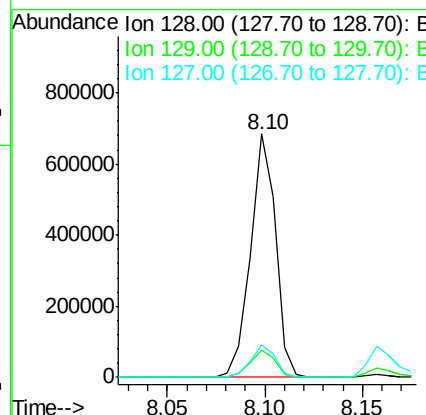
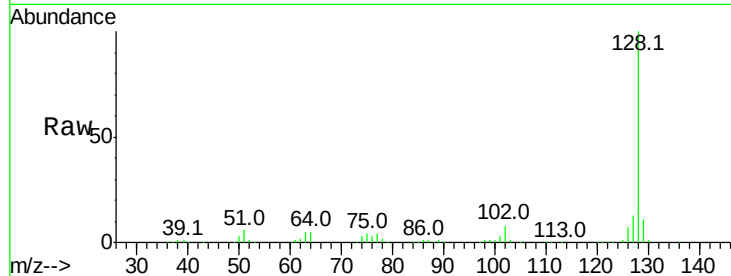




#31
Naphthalene
Concen: 44.471 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

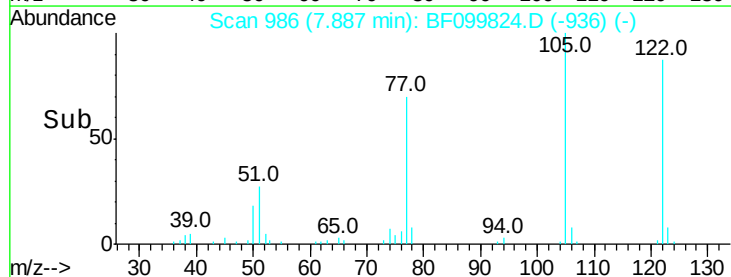
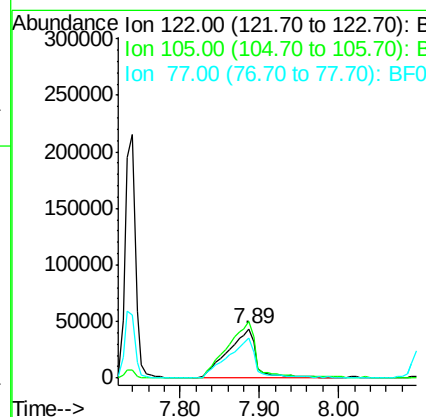
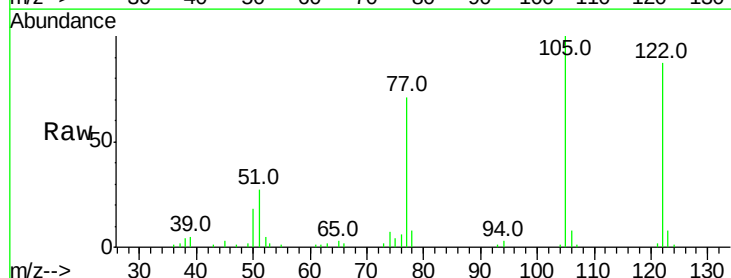
Instrument :
BNA_F
ClientSampled :

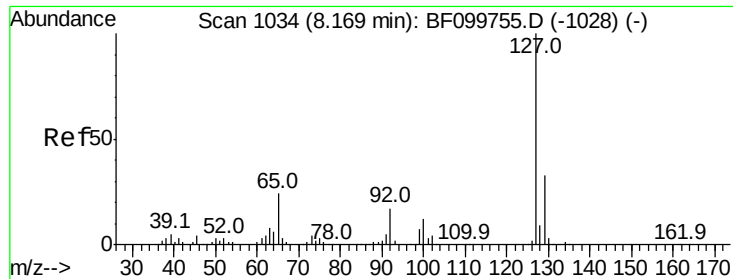
Tot Ion:128 Resp: 609505
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 33.417 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:122 Resp: 110303
Ion Ratio Lower Upper
122 100
105 115.4 101.1 141.1
77 81.9 70.7 110.7

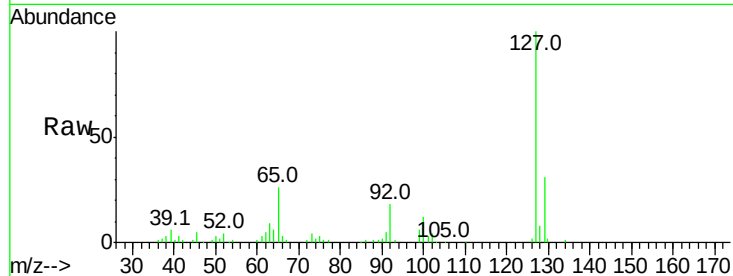




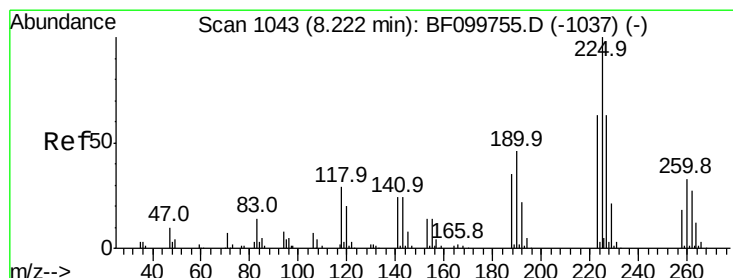
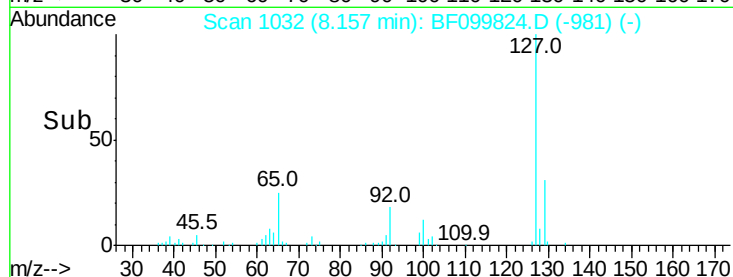
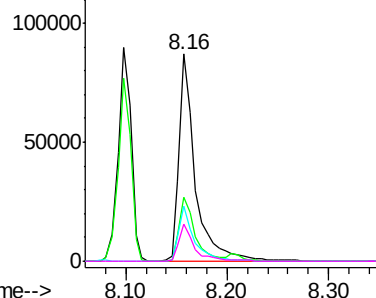
#33
4-Chloroaniline
Concen: 17.111 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	96843
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	26.3	25.0	37.4
92	17.7	15.2	22.8

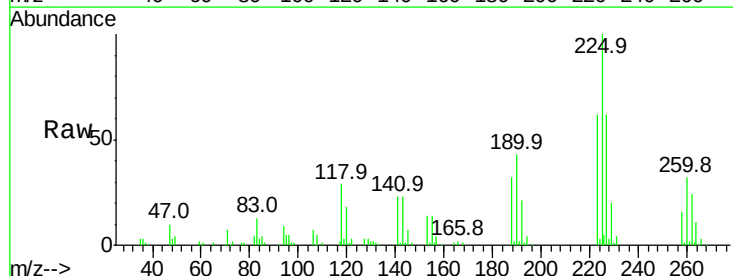


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

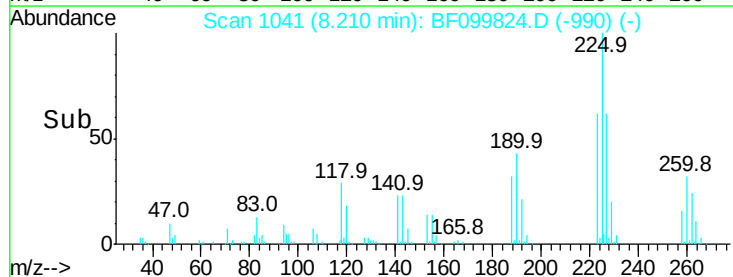
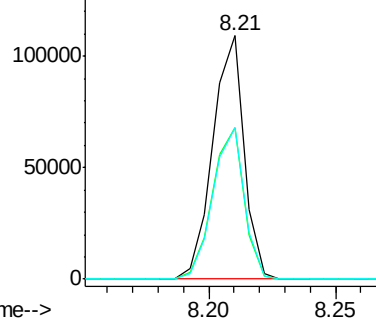


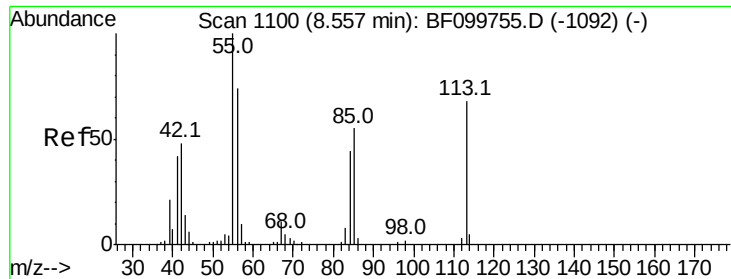
#34
Hexachlorobutadiene
Concen: 43.603 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:	225	Resp:	93353
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	62.2	51.9	77.9



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

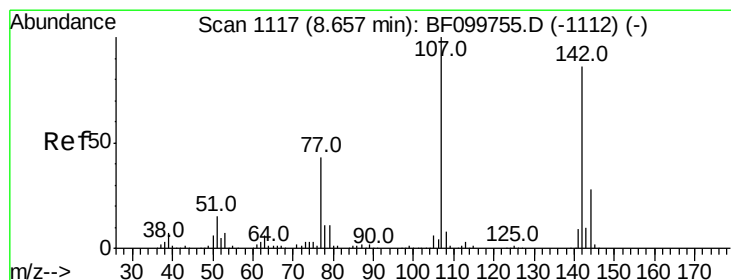
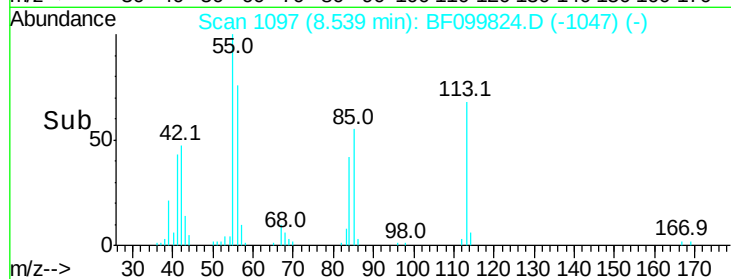
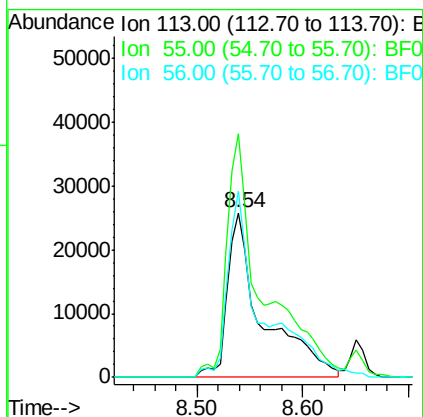
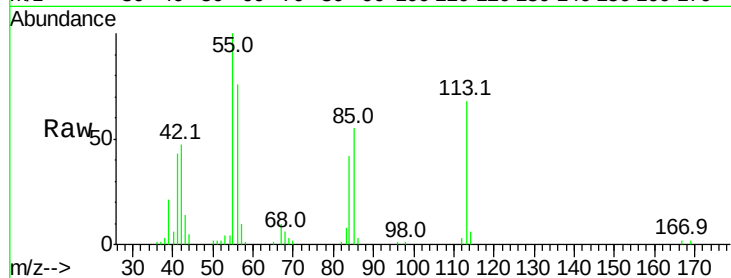




#35
 Caprolactam
 Concen: 48.731 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

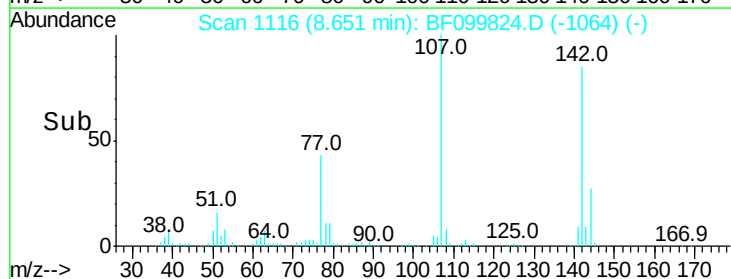
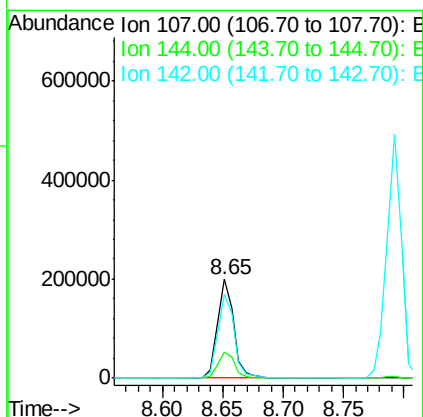
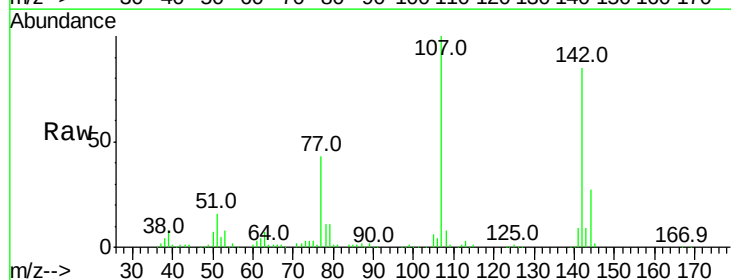
Instrument :
 BNA_F
 ClientSampleID :

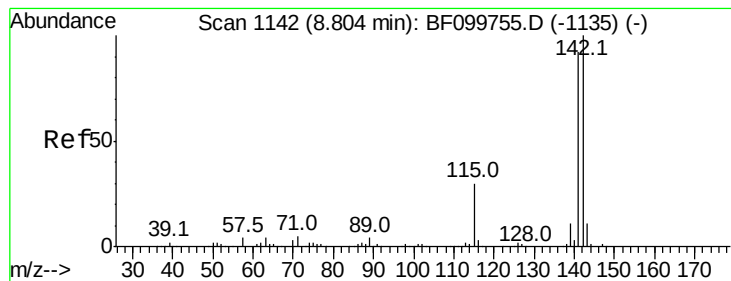
Tot Ion:113 Resp: 59700
 Ion Ratio Lower Upper
 113 100
 55 147.7 163.3 203.3#
 56 112.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 45.998 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion:107 Resp: 182896
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 85.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 46.201 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Instrument :

BNA_F

ClientSampleId :

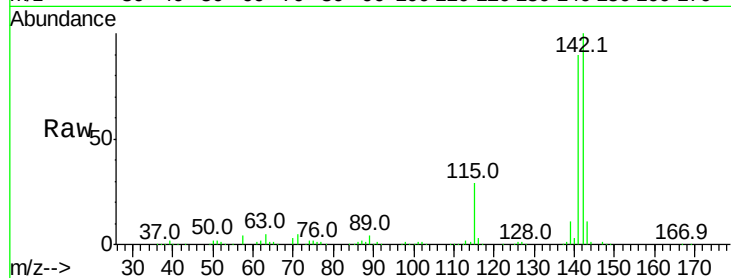
Tot Ion:142 Resp: 424353

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

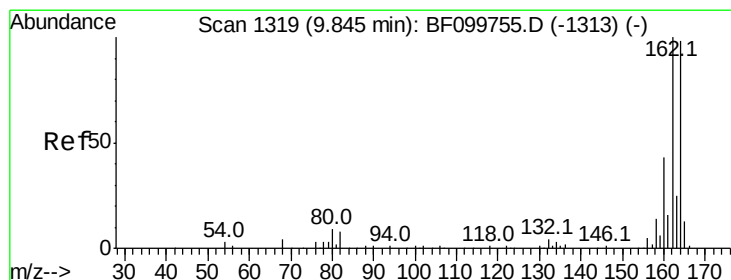
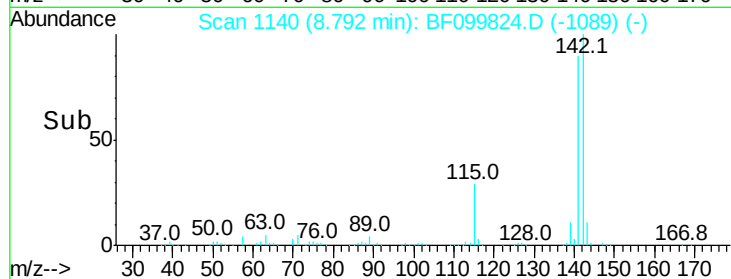
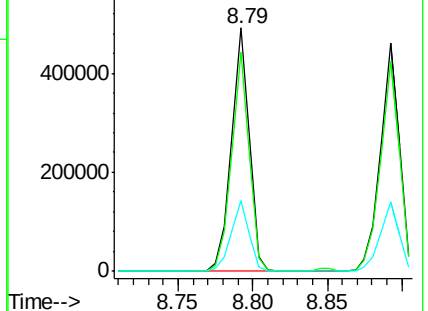
115 29.3 26.1 39.1



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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

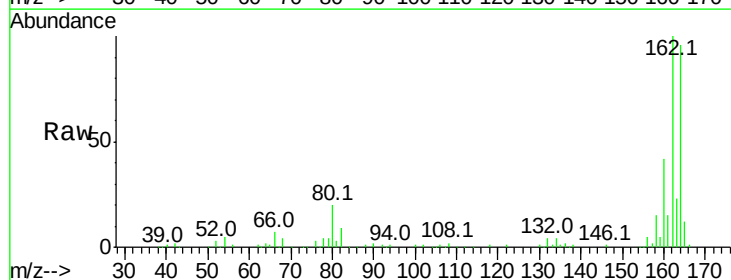
Tgt Ion:164 Resp: 130480

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

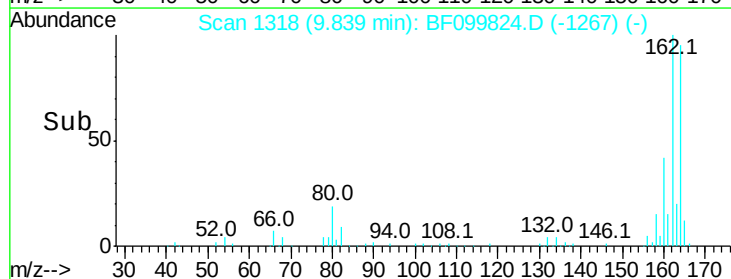
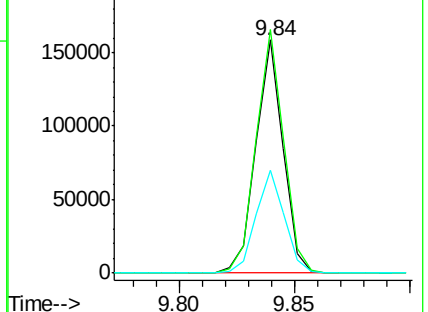
160 44.3 38.3 57.5

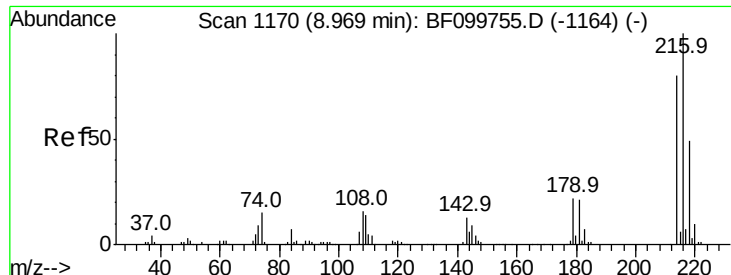


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

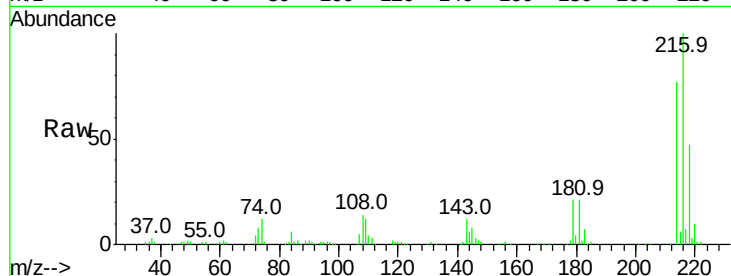




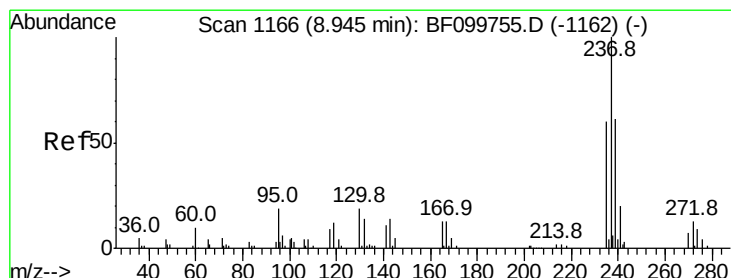
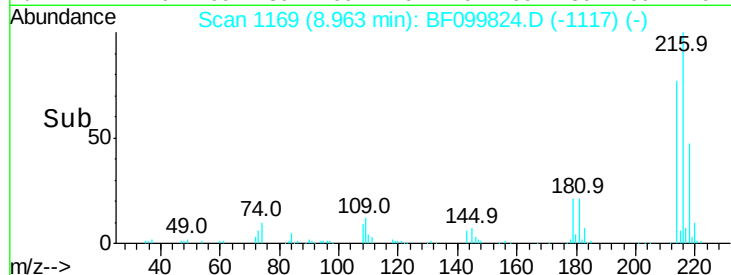
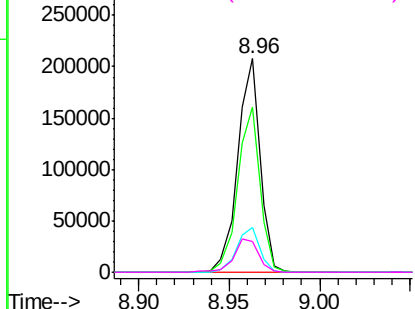
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.260 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	178091
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.0	94.4
179	21.6	18.1	27.1
108	17.3	17.2	25.8

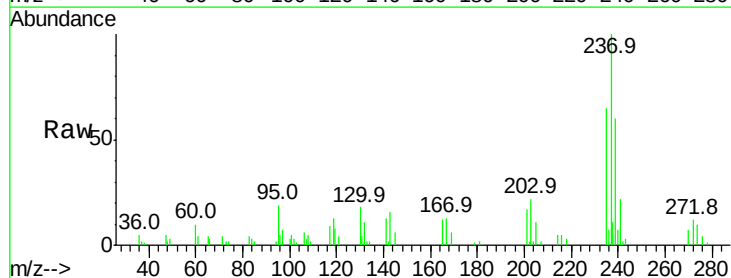


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

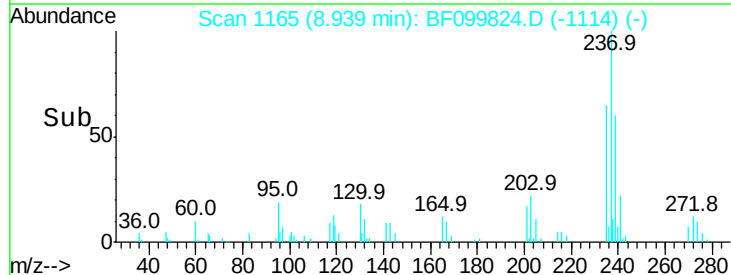
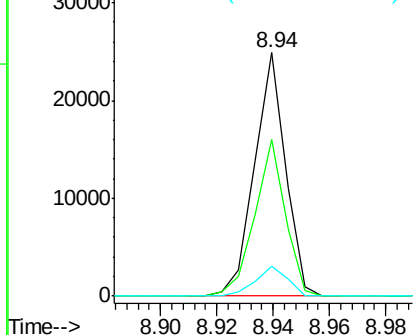


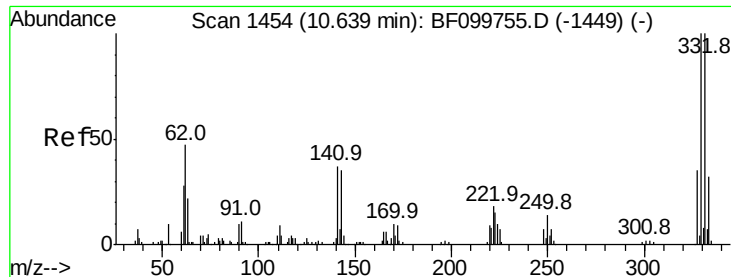
#40
 Hexachlorocyclopentadiene
 Concen: 33.191 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion:	237	Resp:	18988
Ion	Ratio	Lower	Upper
237	100		
235	64.5	44.8	84.8
272	12.1	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

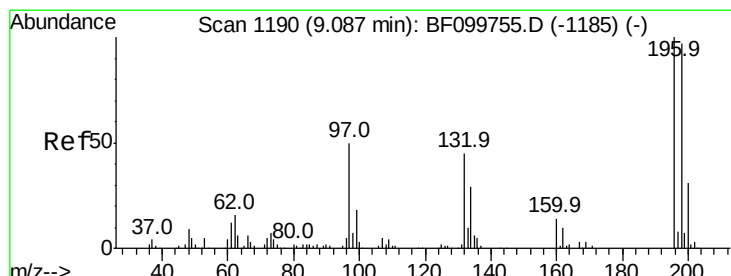
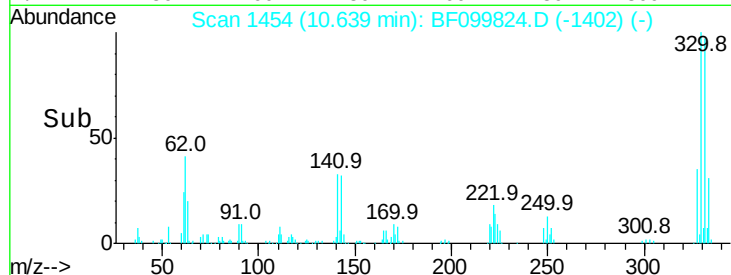
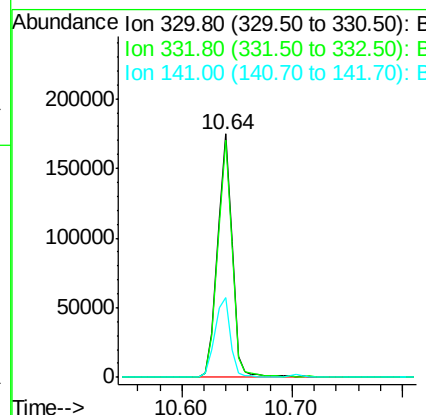
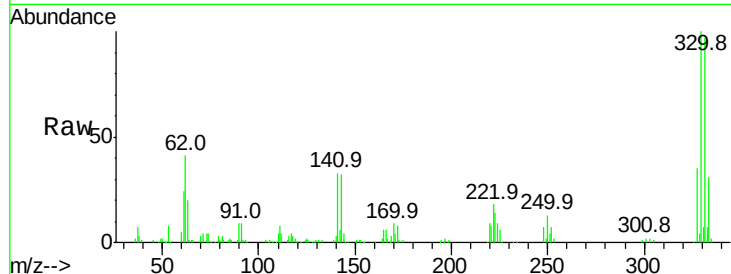




#41
 2,4,6-Tribromophenol
 Concen: 135.213 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

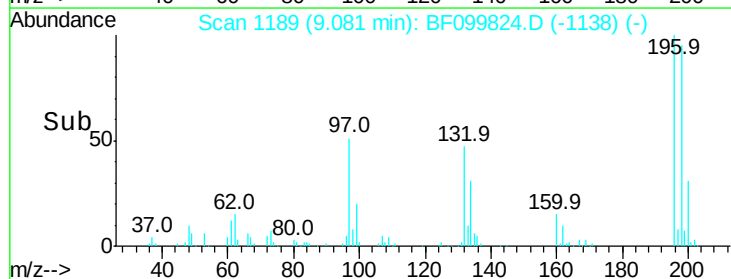
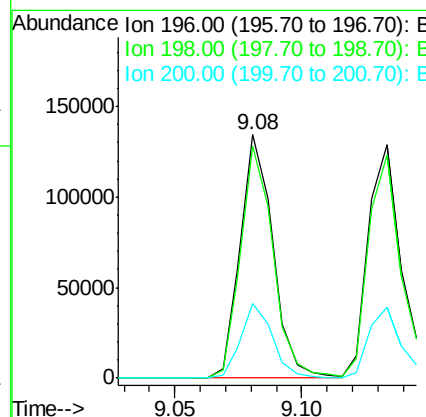
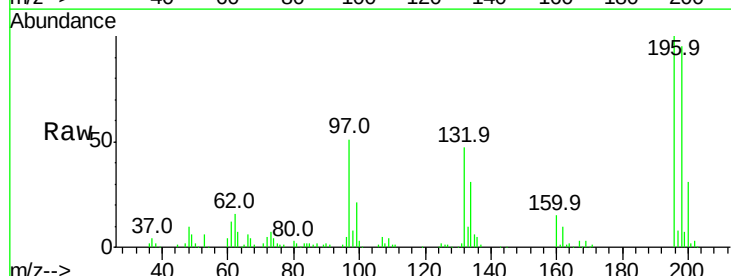
Instrument :
 BNA_F
 ClientSampled :

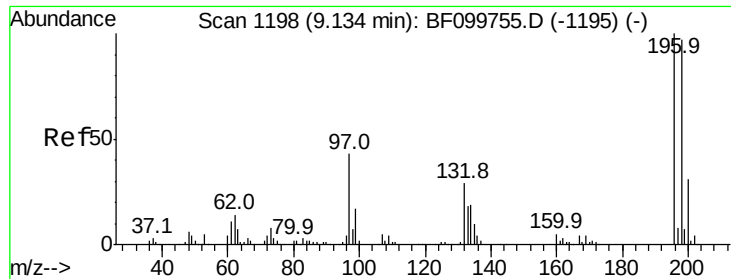
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	34.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 47.272 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.6	24.5	36.7

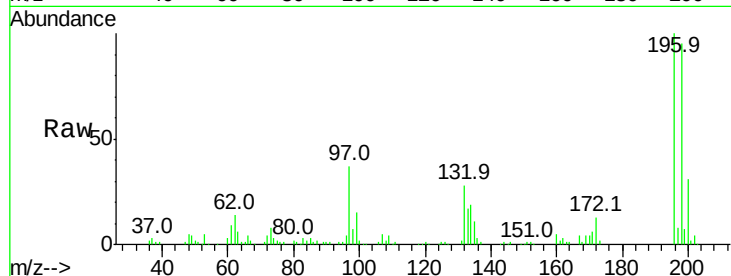




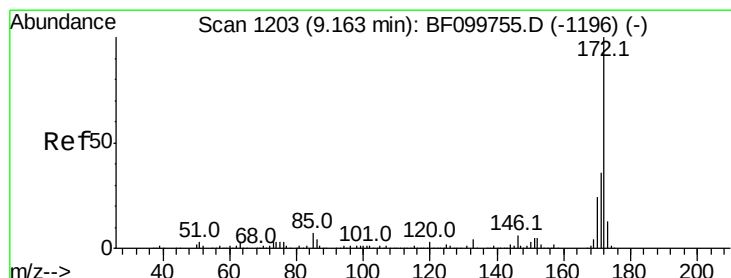
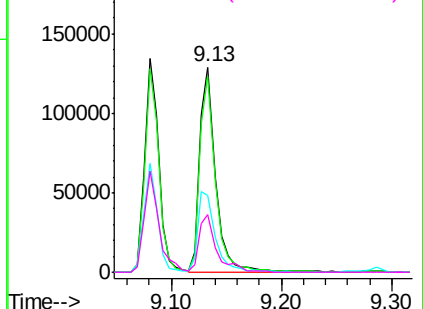
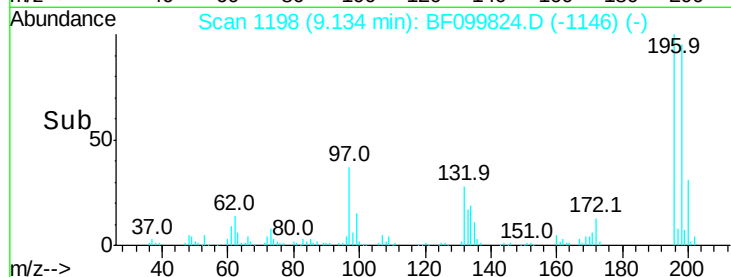
#43
 2,4,5-Trichlorophenol
 Concen: 46.581 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.6	112.0
97	37.5	42.9	64.3
132	28.0	26.3	39.5

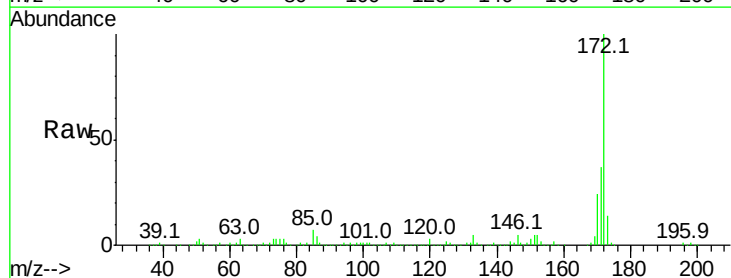


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

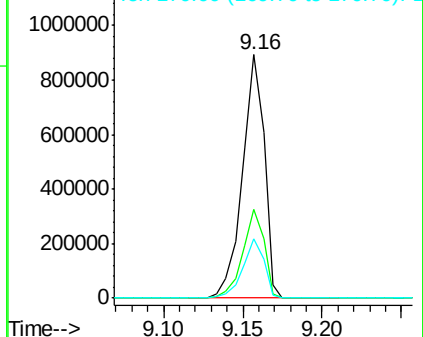
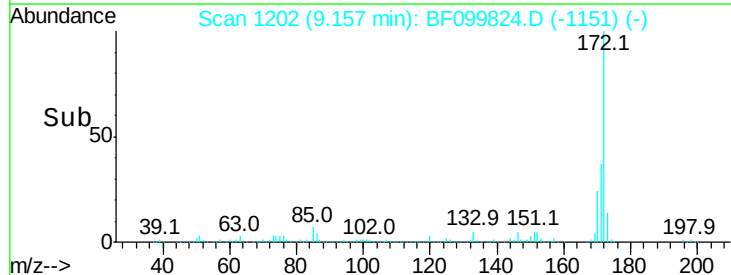


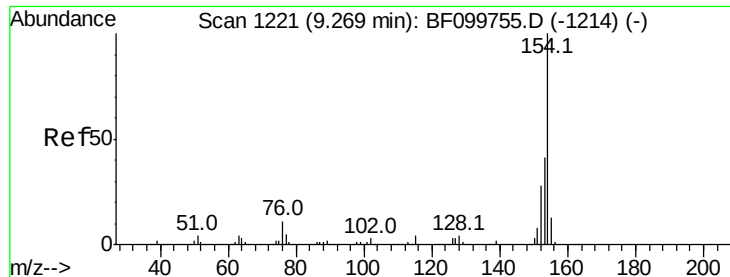
#44
 2-Fluorobiphenyl
 Concen: 100.222 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	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

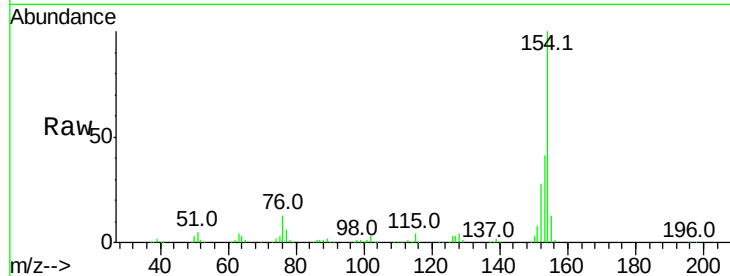




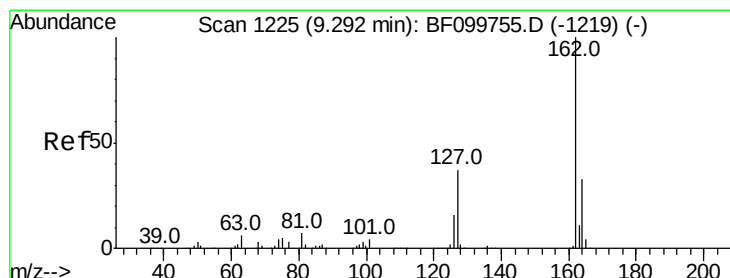
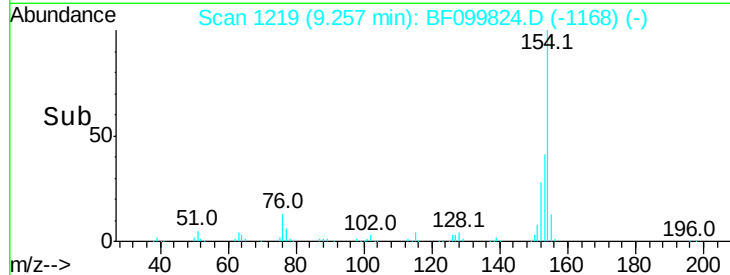
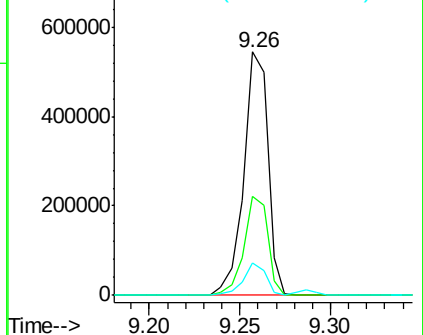
#45
 1,1'-Biphenyl
 Concen: 42.729 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.3	0.0	34.0

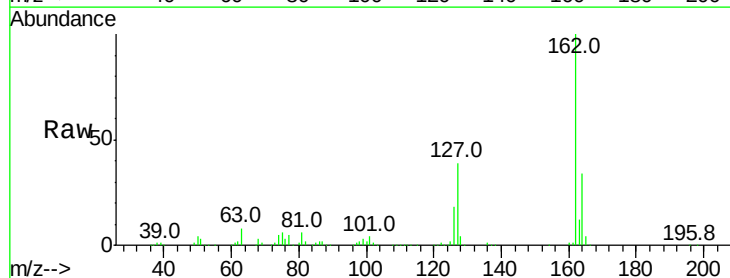


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

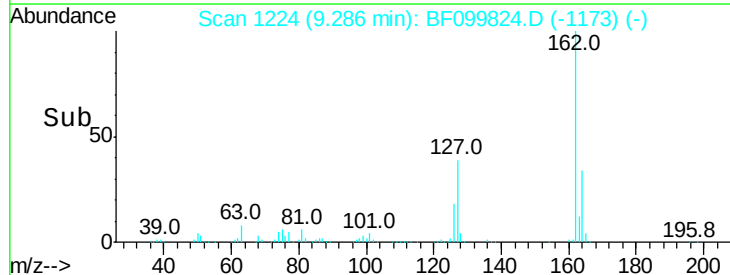
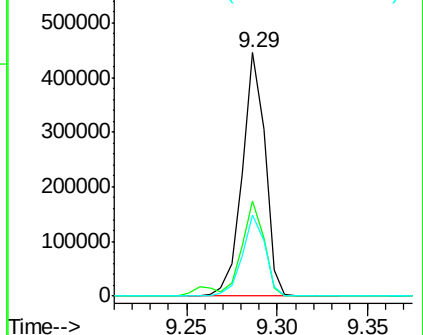


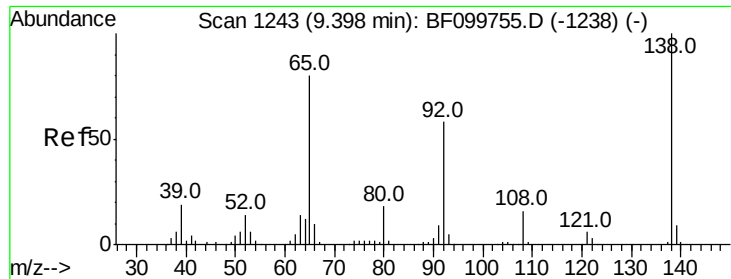
#46
 2-Chloronaphthalene
 Concen: 45.482 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.9	50.9
164	33.5	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

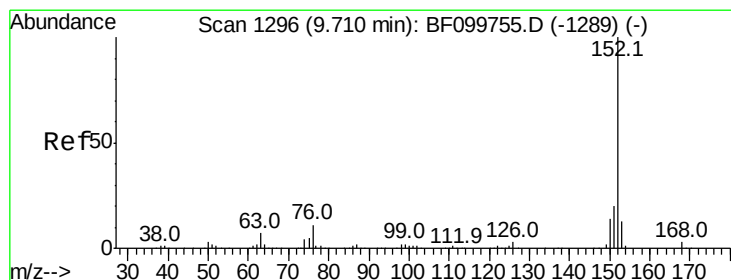
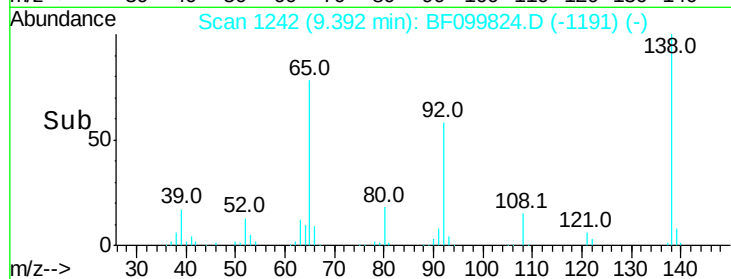
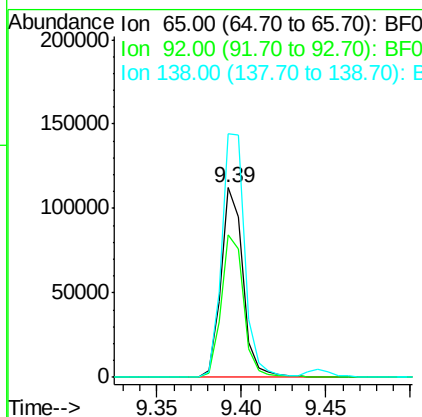
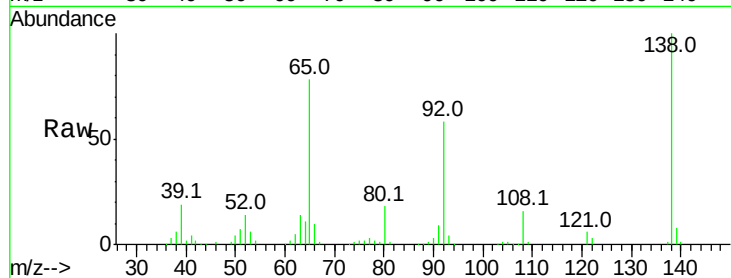




#47
 2-Nitroaniline
 Concen: 45.552 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

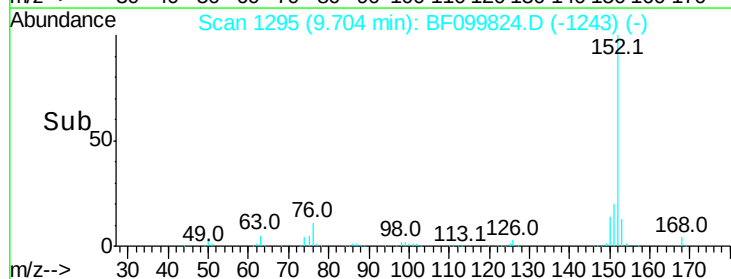
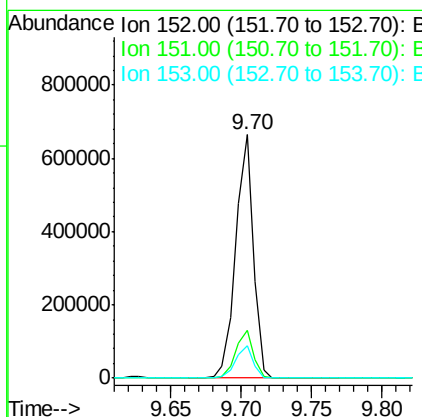
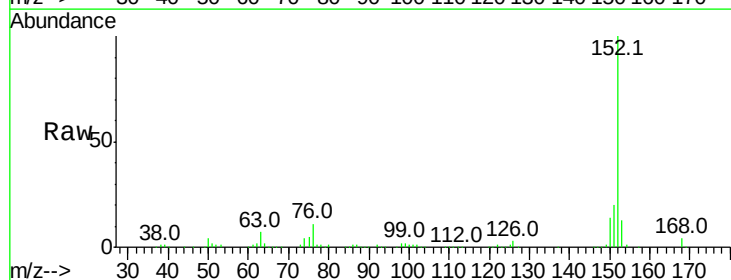
Instrument :
 BNA_F
 ClientSampleId :

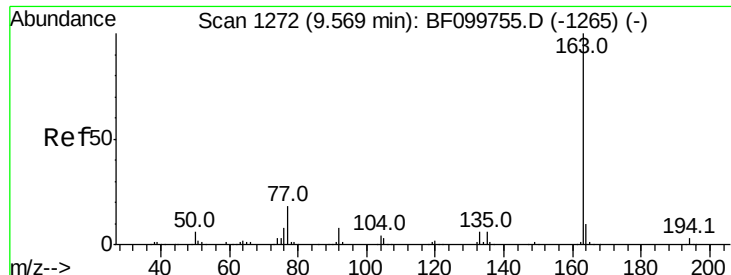
Tot Ion	Ratio	Lower	Upper
65	100		
92	75.2	55.8	83.6
138	128.7	91.2	136.8



#48
 Acenaphthylene
 Concen: 43.746 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.1	10.7	16.1

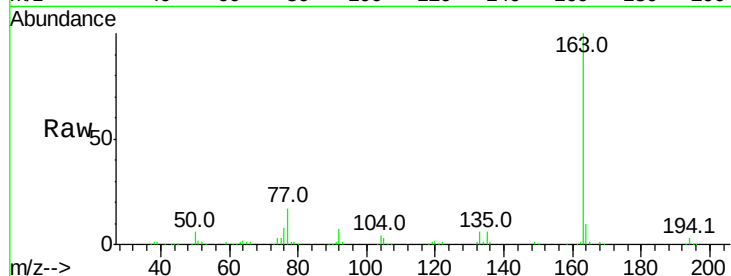




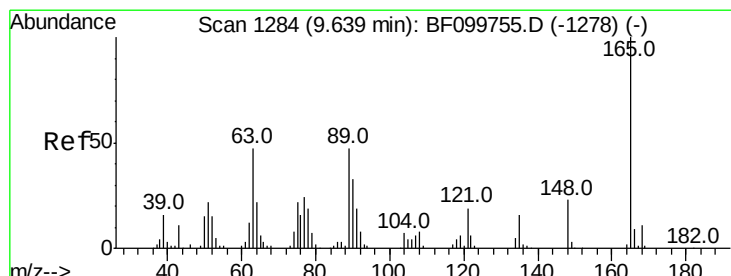
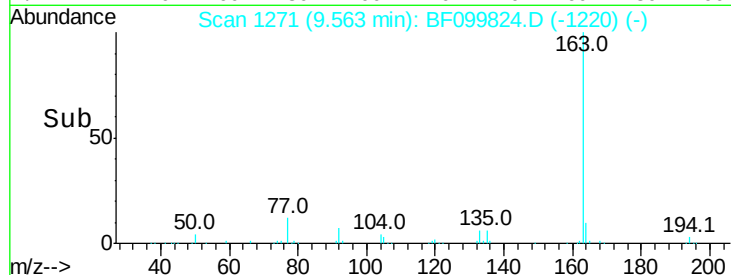
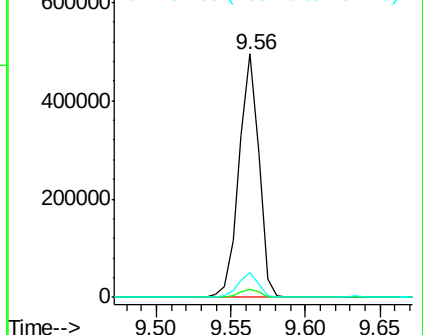
#49
Dimethylphthalate
Concen: 44.640 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 461262
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

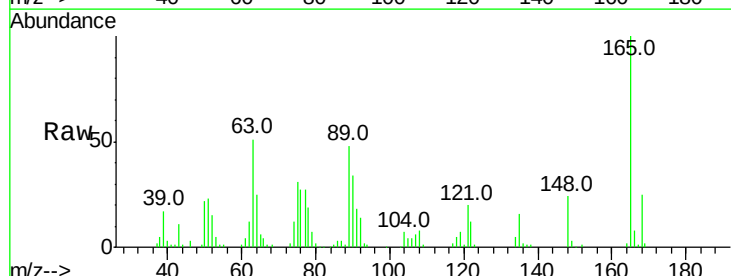


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

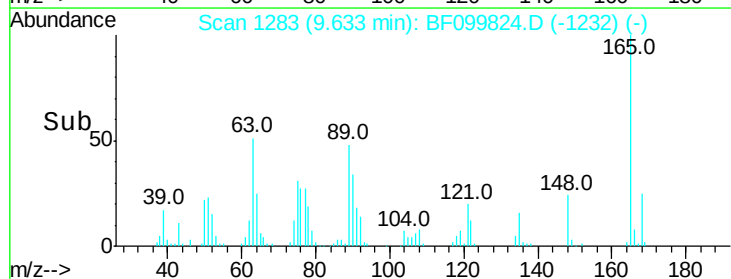
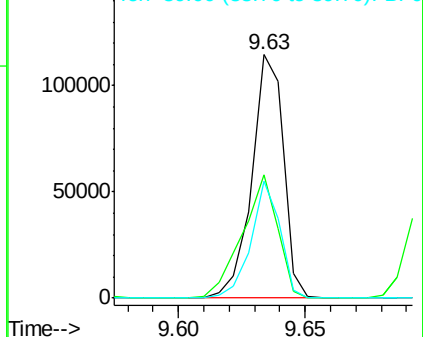


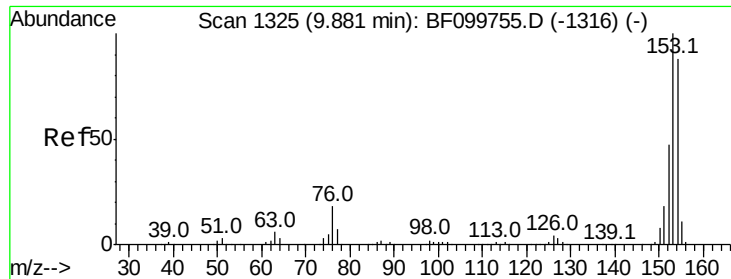
#50
2,6-Dinitrotoluene
Concen: 45.987 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:165 Resp: 99895
Ion Ratio Lower Upper
165 100
63 50.8 44.7 67.1
89 48.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

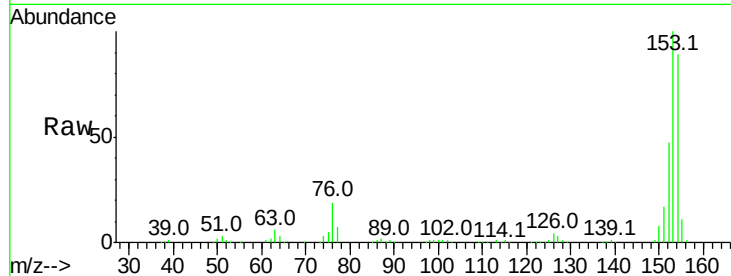




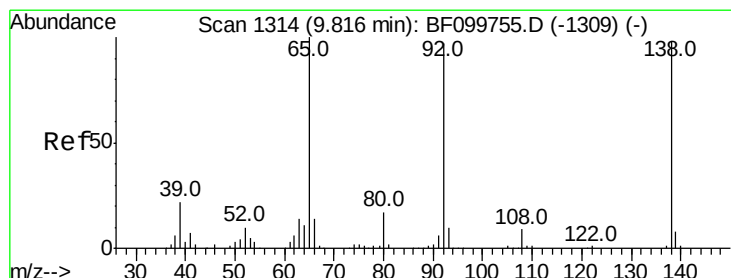
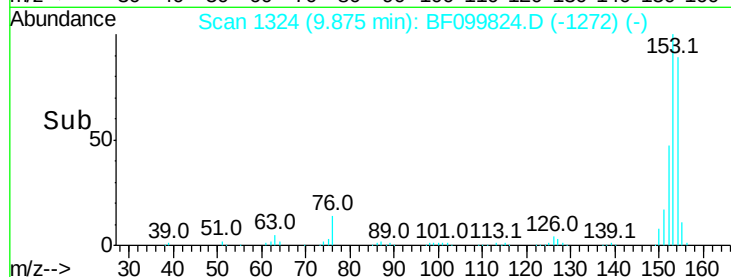
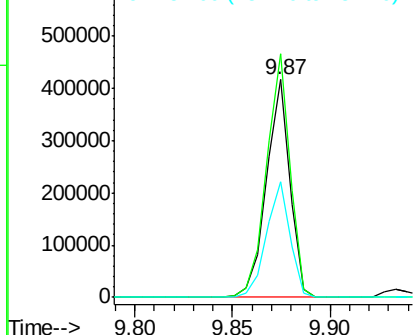
#51
Acenaphthene
Concen: 43.036 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 347186
Ion Ratio Lower Upper
154 100
153 112.0 91.2 136.8
152 53.2 43.8 65.8

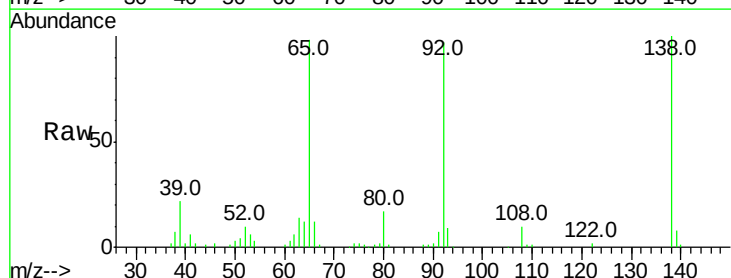


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

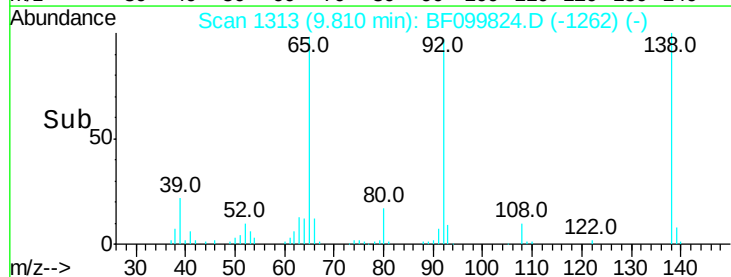
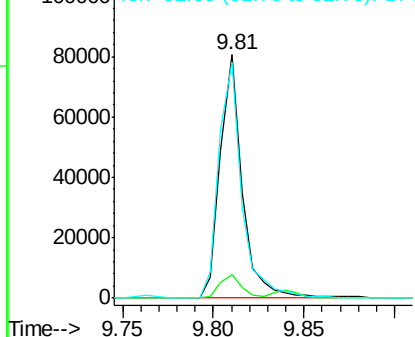


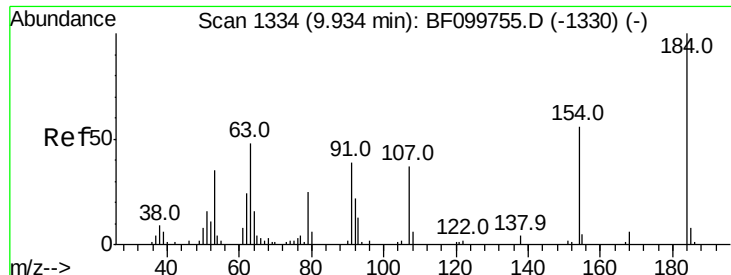
#52
3-Nitroaniline
Concen: 26.777 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:138 Resp: 68535
Ion Ratio Lower Upper
138 100
108 9.8 9.4 14.0
92 96.6 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

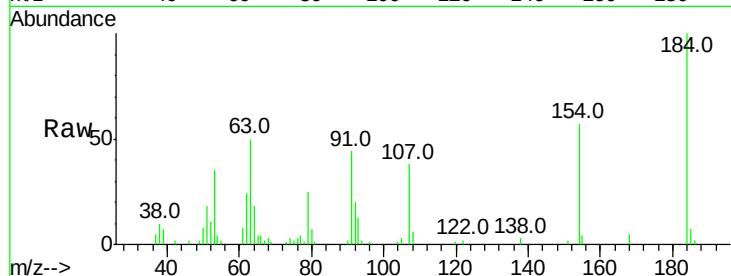




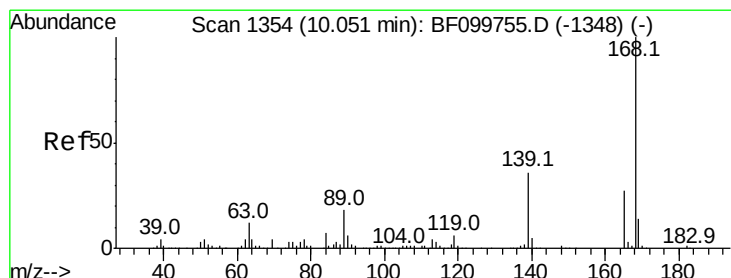
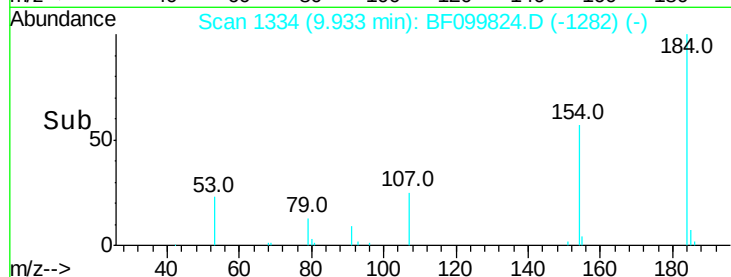
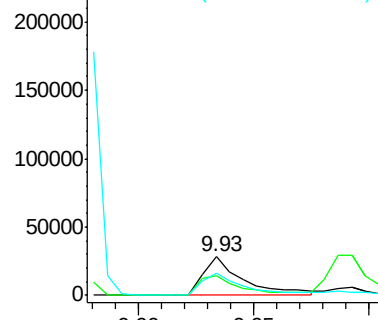
#53
 2,4-Dinitrophenol
 Concen: 41.986 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 33479
 Ion Ratio Lower Upper
 184 100
 63 49.7 54.2 81.2#
 154 57.2 53.5 80.3

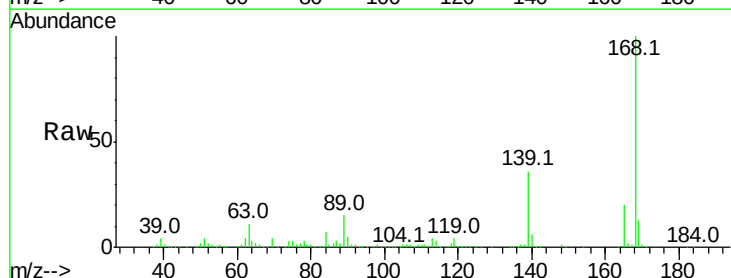


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

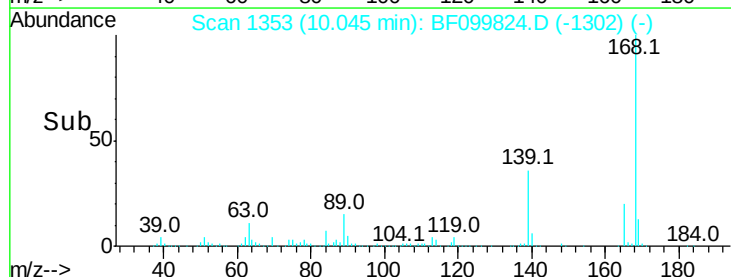
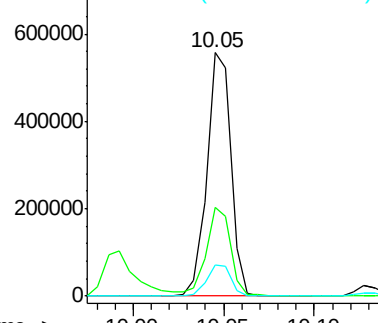


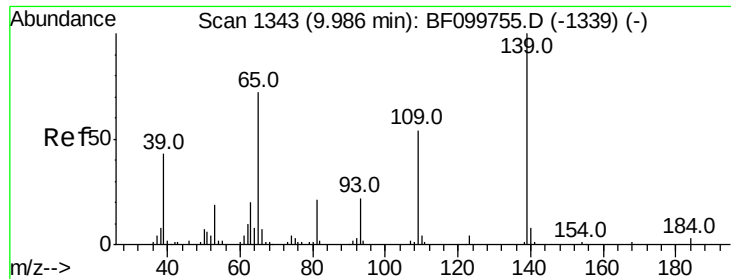
#54
 Dibenzofuran
 Concen: 45.019 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion:168 Resp: 512668
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.1 45.1
 169 13.0 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

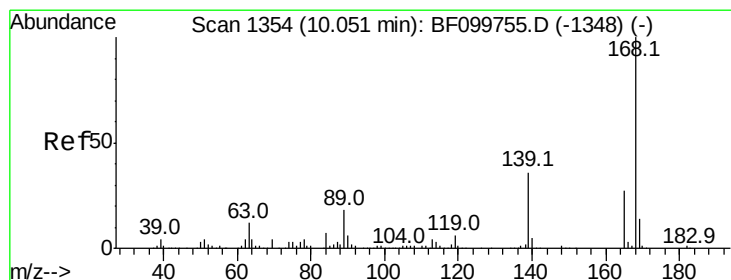
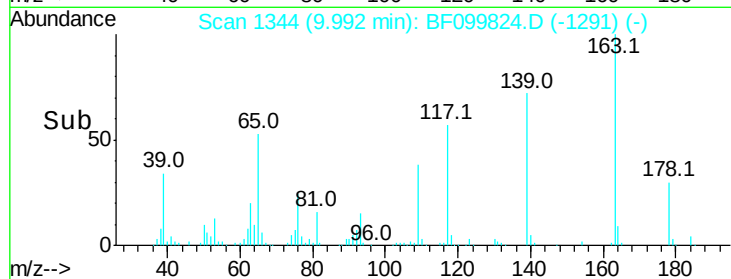
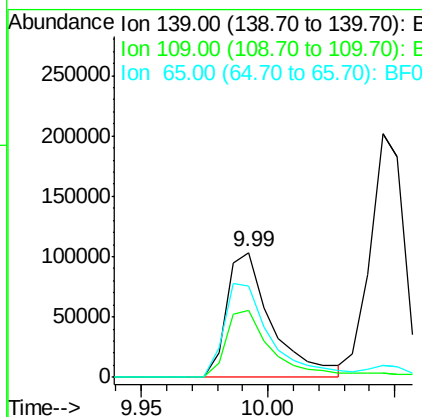
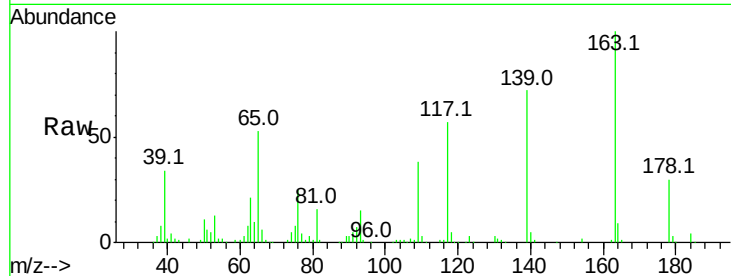




#55
4-Nitrophenol
Concen: 95.573 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

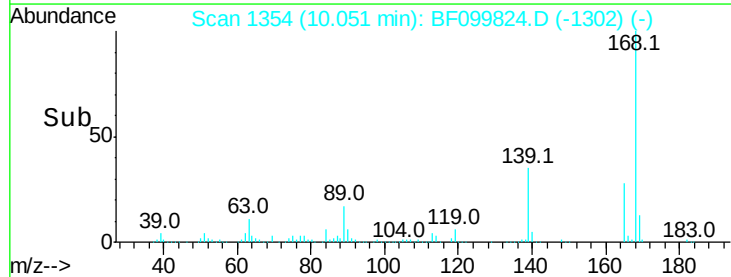
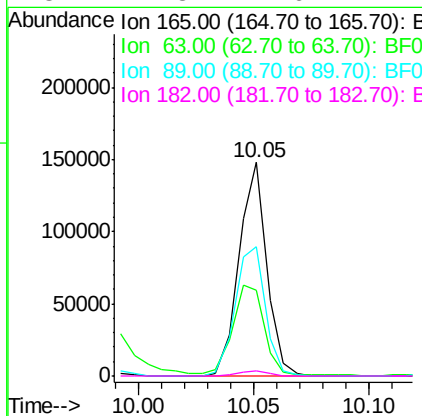
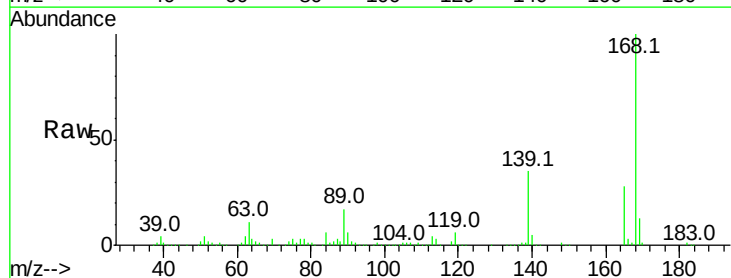
Instrument :
BNA_F
ClientSampleId :

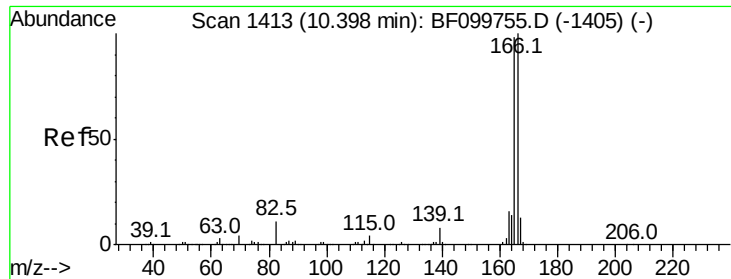
Tot Ion:139 Resp: 127815
Ion Ratio Lower Upper
139 100
109 53.1 48.4 88.4
65 73.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.386 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:165 Resp: 123960
Ion Ratio Lower Upper
165 100
63 40.3 36.4 54.6
89 60.5 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 44.322 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Instrument :

BNA_F

ClientSampleId :

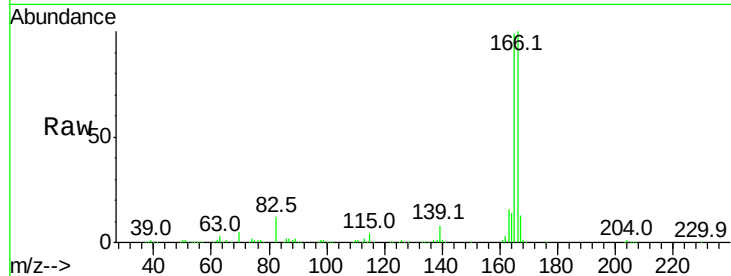
Tot Ion:166 Resp: 417903

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

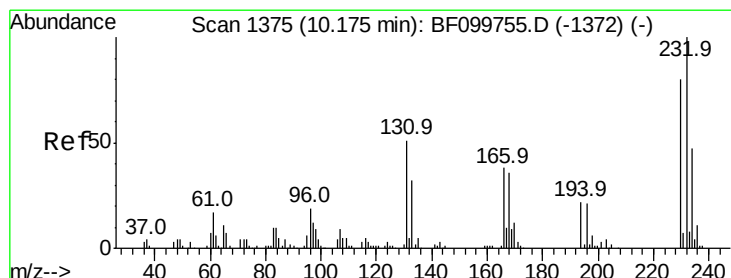
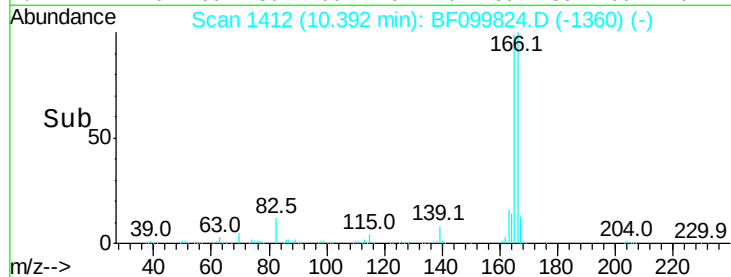
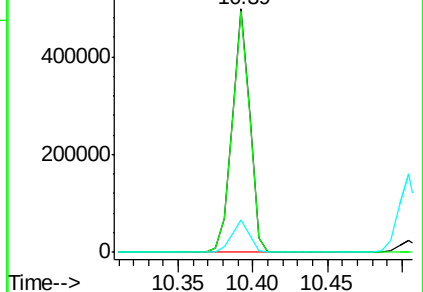
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.816 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Tgt Ion:232 Resp: 92584

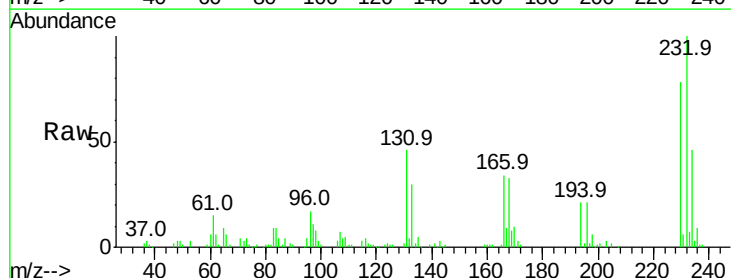
Ion Ratio Lower Upper

232 100

131 46.6 43.8 65.8

130 1.9 2.1 3.1#

166 34.6 27.8 41.6

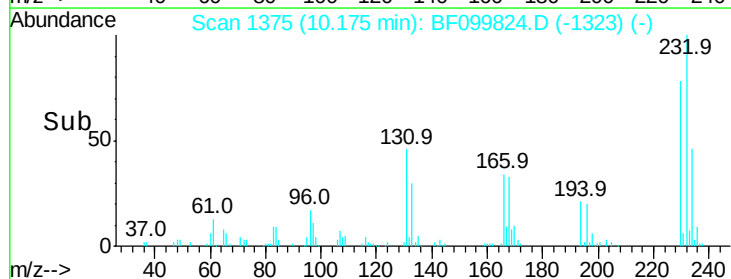
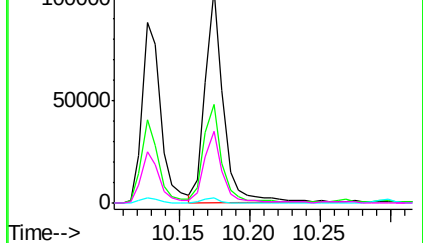


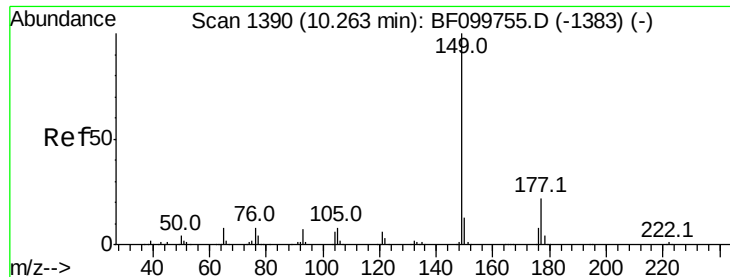
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

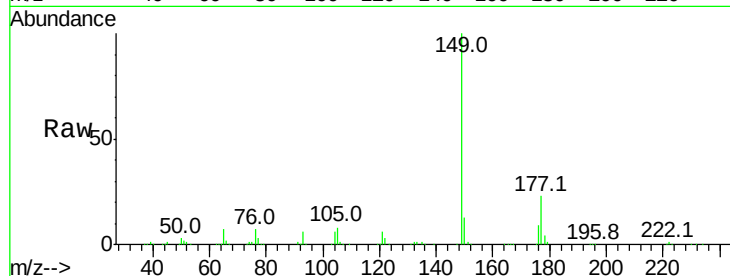




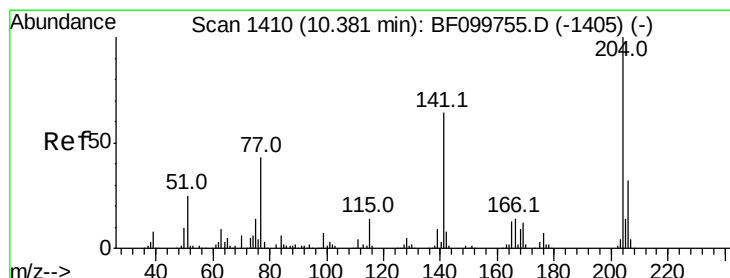
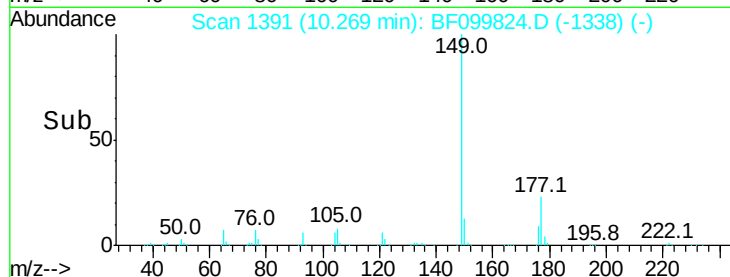
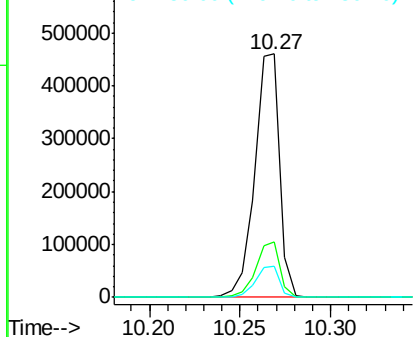
#59
Diethylphthalate
Concen: 43.559 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 439539
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.9 10.1 15.1

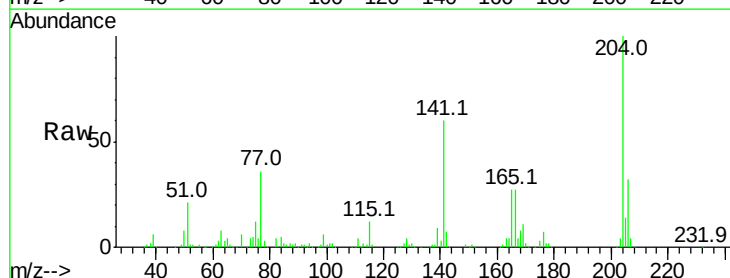


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

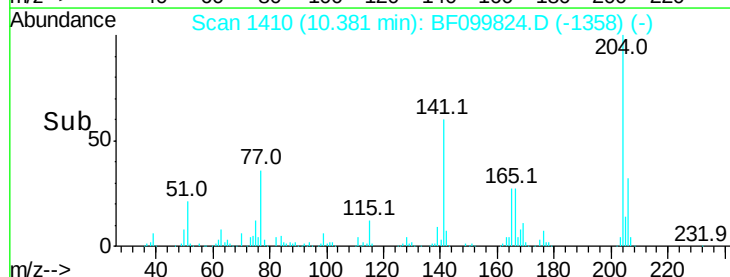
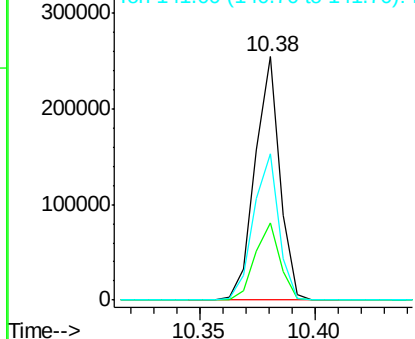


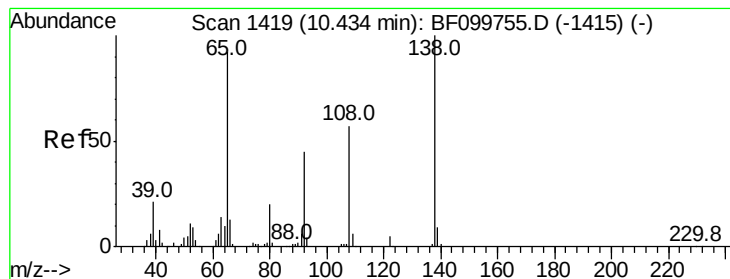
#60
4-Chlorophenyl-phenylether
Concen: 43.281 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:204 Resp: 192055
Ion Ratio Lower Upper
204 100
206 31.5 26.5 39.7
141 60.1 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: 38.077 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Instrument :

BNA_F

ClientSampled :

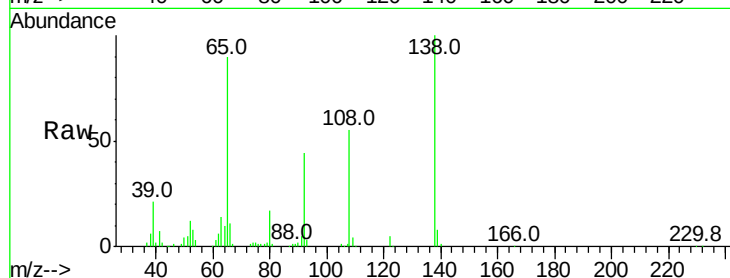
Tot Ion:138 Resp: 92982

Ion Ratio Lower Upper

138 100

92 43.9 30.2 70.2

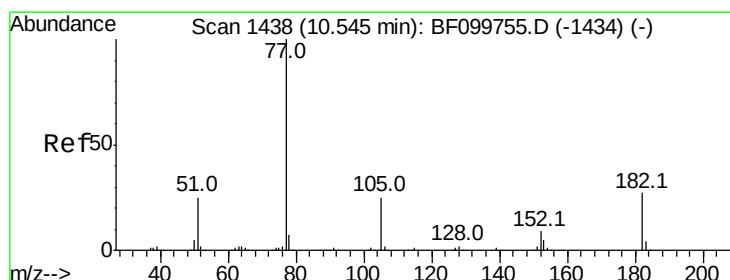
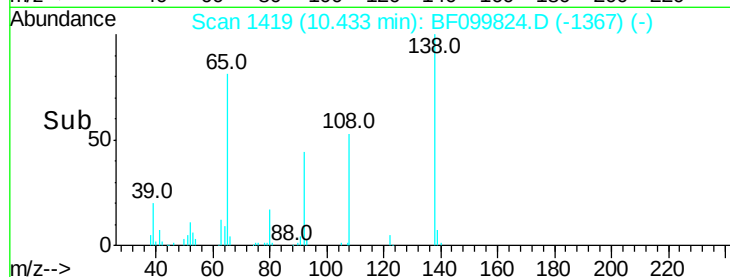
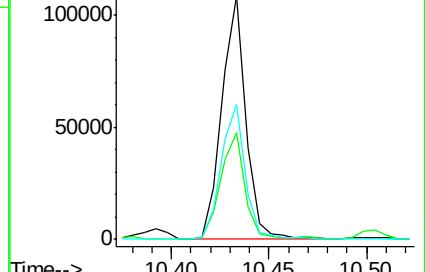
108 55.5 52.5 92.5



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: 44.324 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Tgt Ion: 77 Resp: 374920

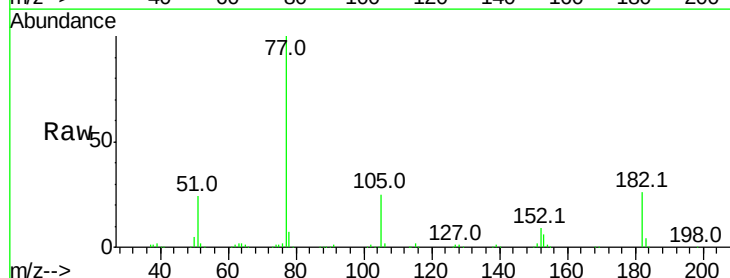
Ion Ratio Lower Upper

77 100

182 25.7 1.7 41.7

105 25.5 3.0 43.0

51 24.3 9.9 49.9

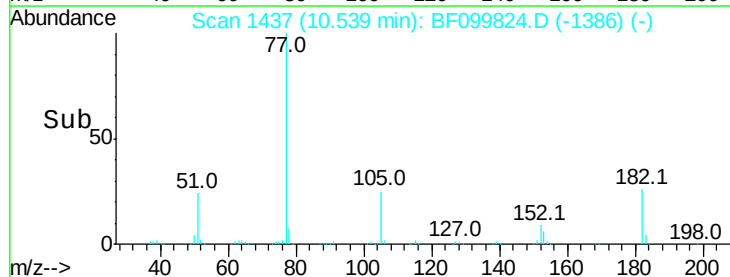
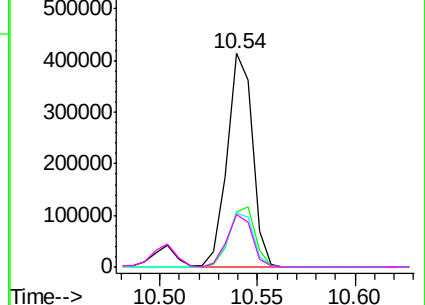


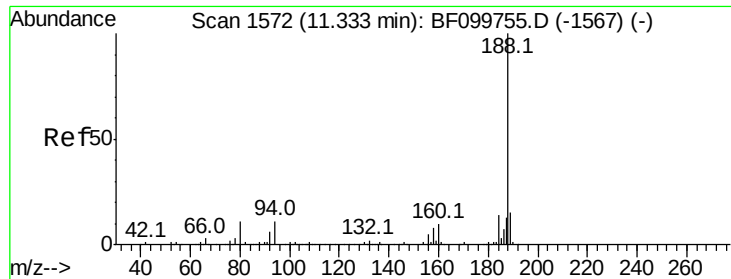
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

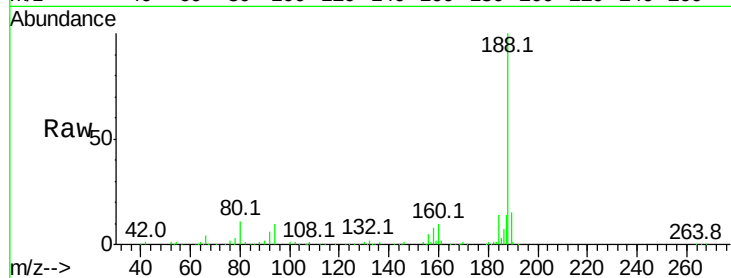




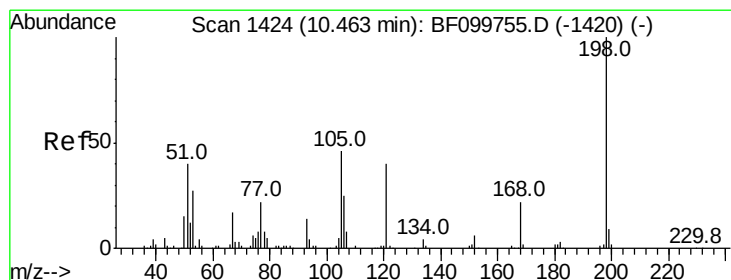
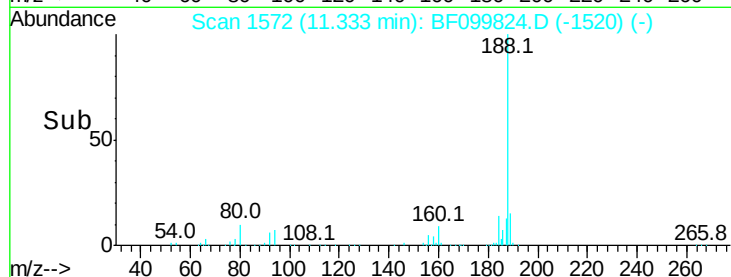
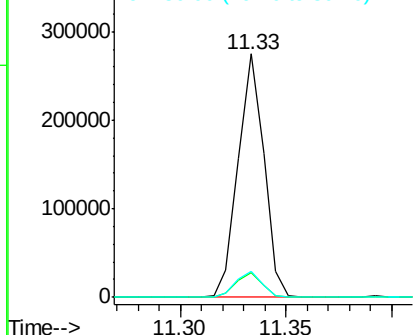
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 232410
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.7 9.2 13.8

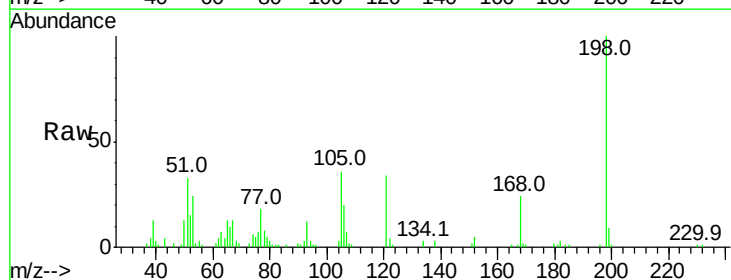


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

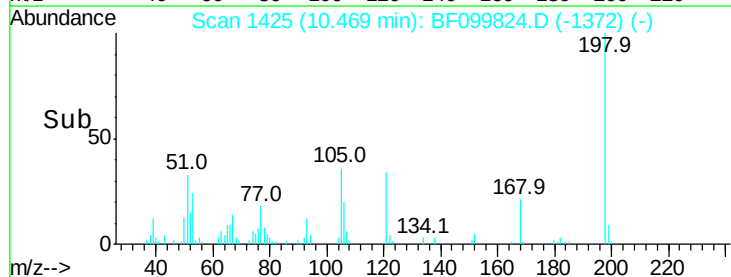
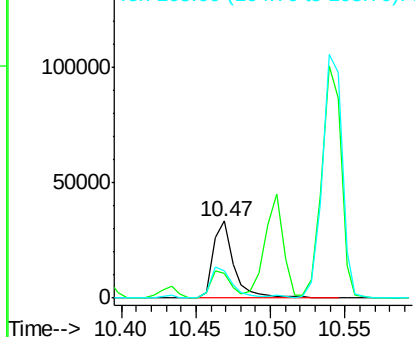


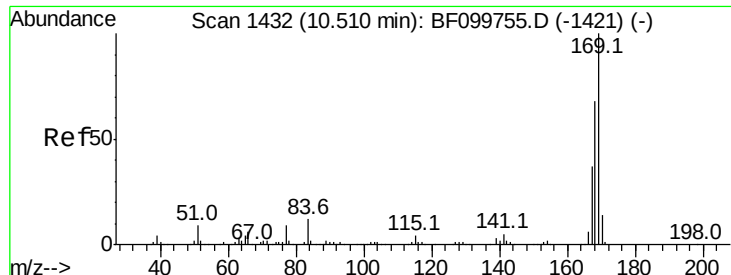
#64
4,6-Dinitro-2-methylphenol
Concen: 22.287 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:198 Resp: 32560
Ion Ratio Lower Upper
198 100
51 32.7 37.7 77.7#
105 36.1 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

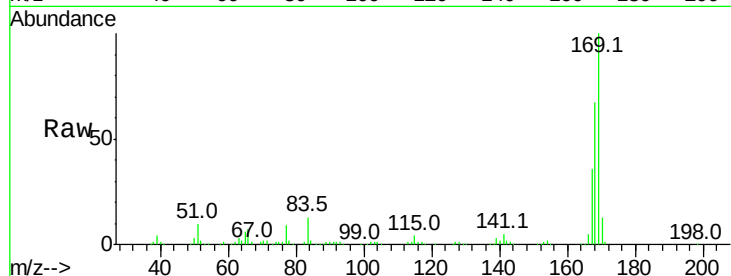




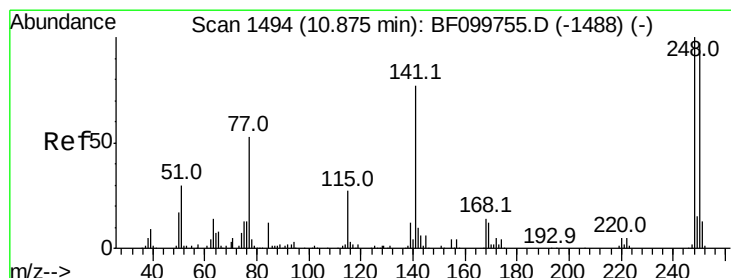
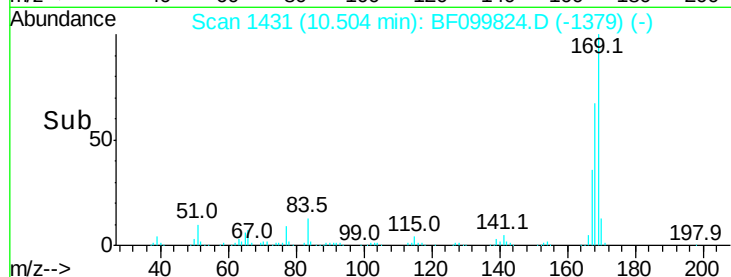
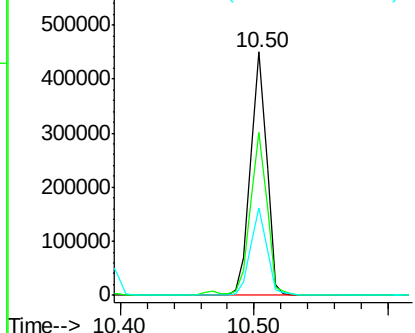
#65
 n-Nitrosodiphenylamine
 Concen: 43.367 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 372059
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.4 81.6
 167 35.8 29.8 44.6

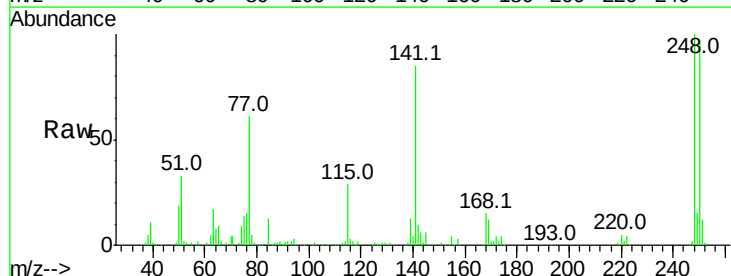


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

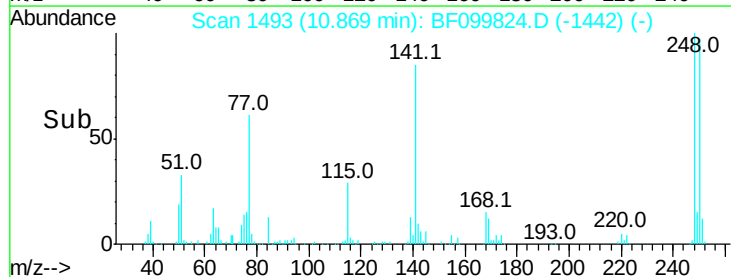
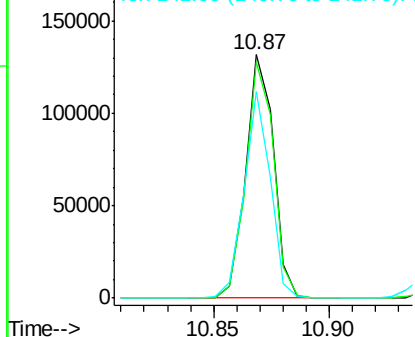


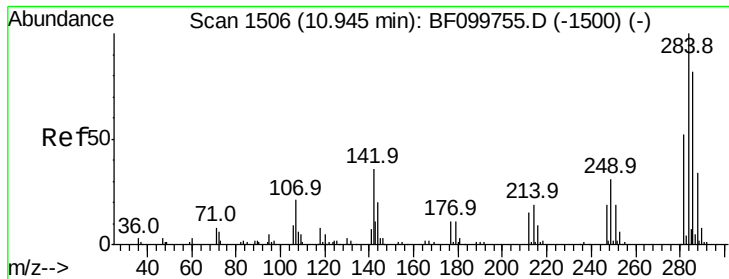
#66
 4-Bromophenyl-phenylether
 Concen: 45.411 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion:248 Resp: 111107
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.9 115.3
 141 84.6 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

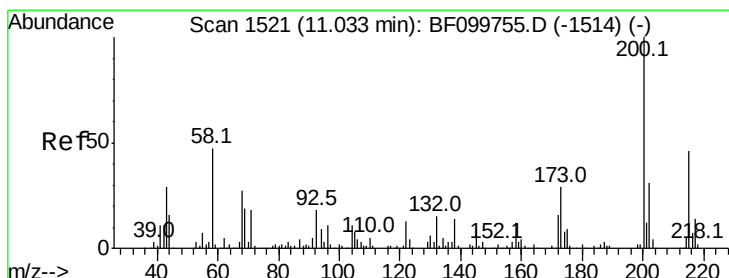
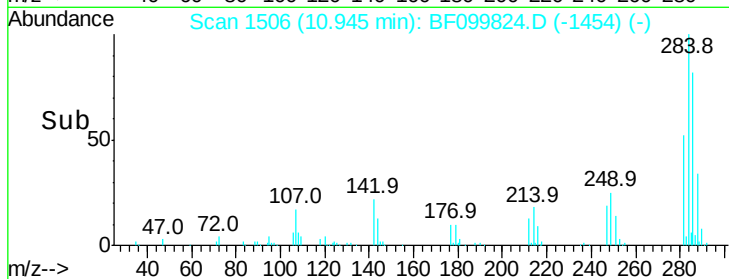
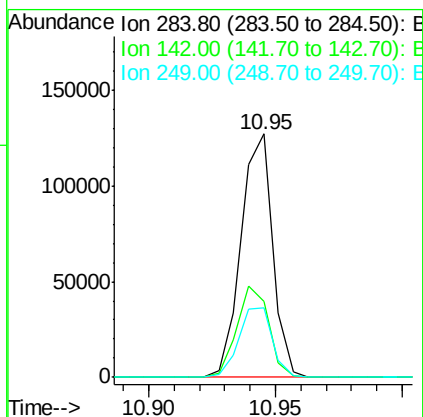
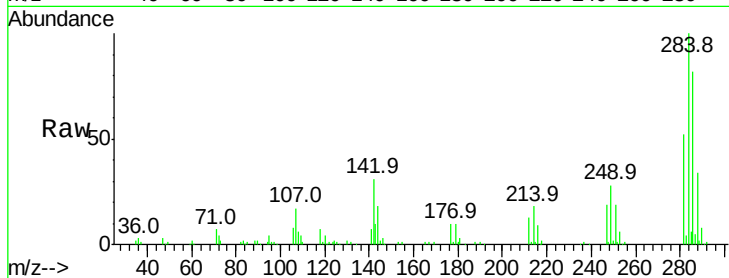




#67
Hexachlorobenzene
Concen: 44.098 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

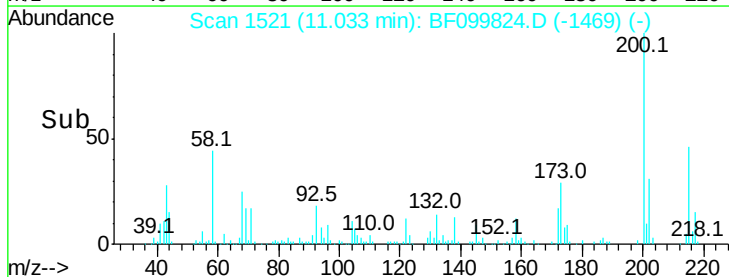
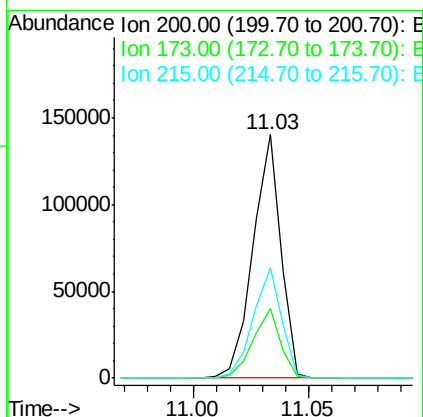
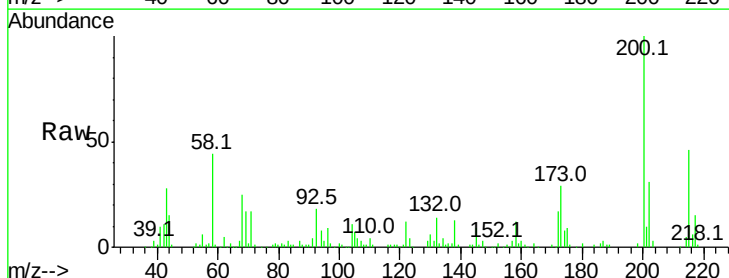
Instrument :
BNA_F
ClientSampleId :

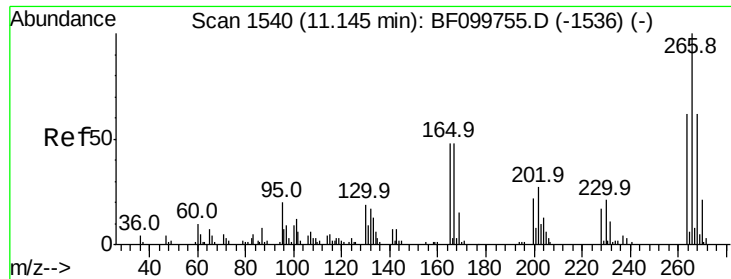
Tot Ion:284 Resp: 110384
Ion Ratio Lower Upper
284 100
142 31.0 34.6 52.0#
249 28.4 24.8 37.2



#68
Atrazine
Concen: 45.909 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:200 Resp: 118312
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 45.6 25.1 65.1

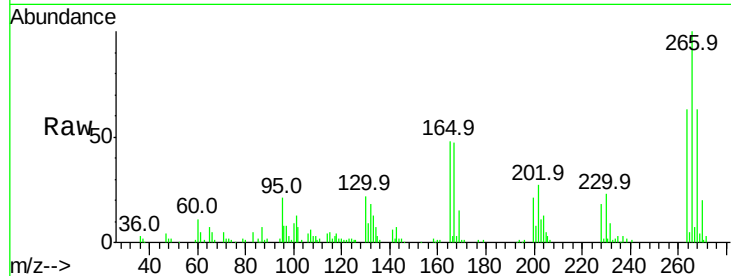




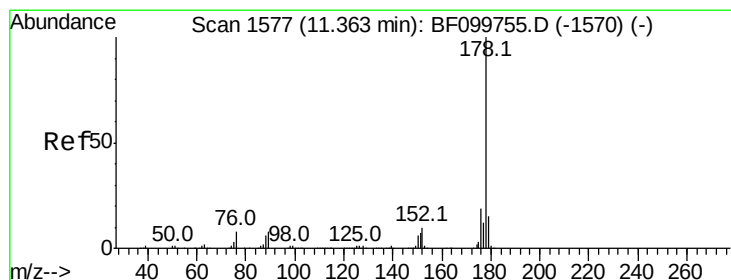
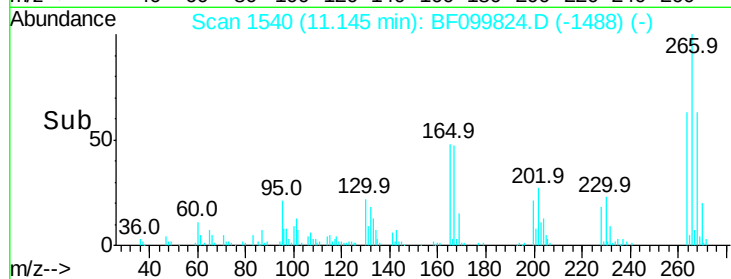
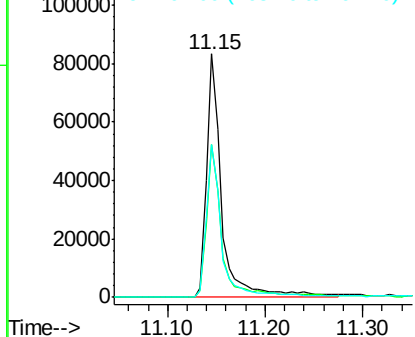
#69
 Pentachlorophenol
 Concen: 84.422 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	62.7	49.5	74.3

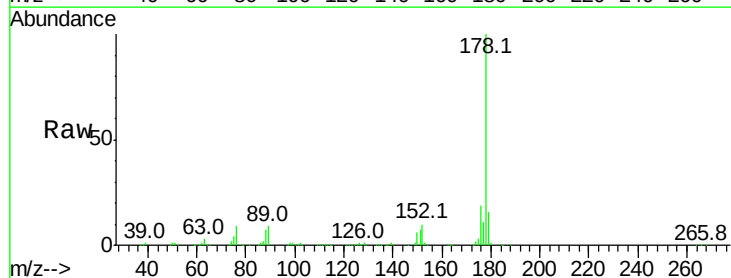


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

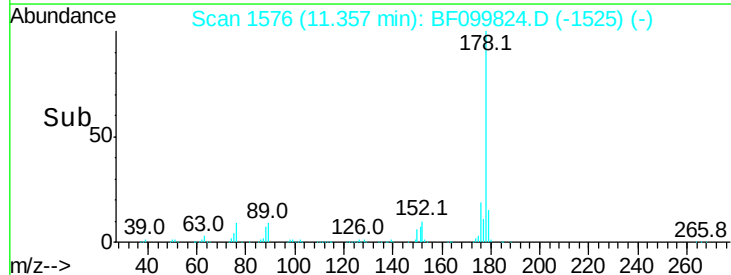
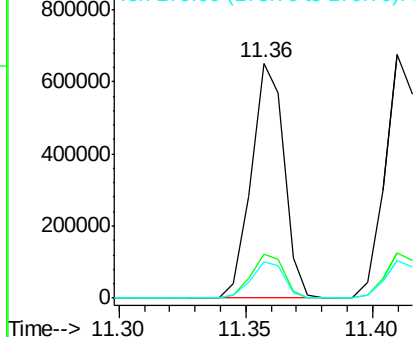


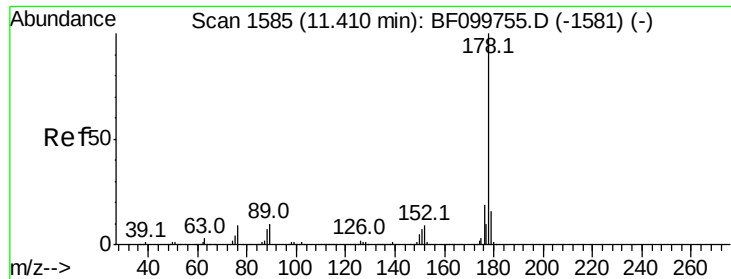
#70
 Phenanthrene
 Concen: 44.913 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.6	13.0	19.6



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

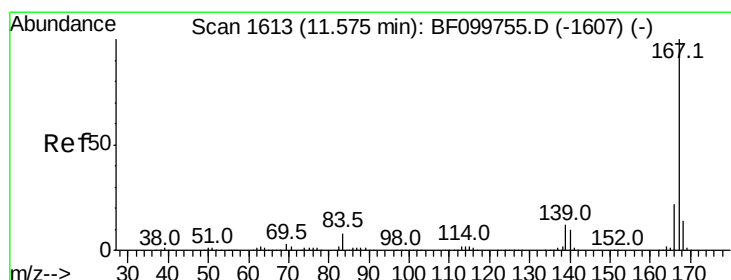
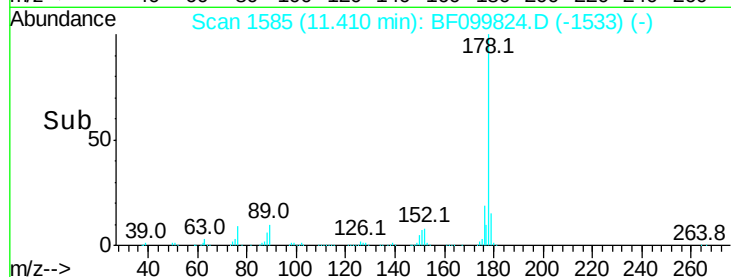
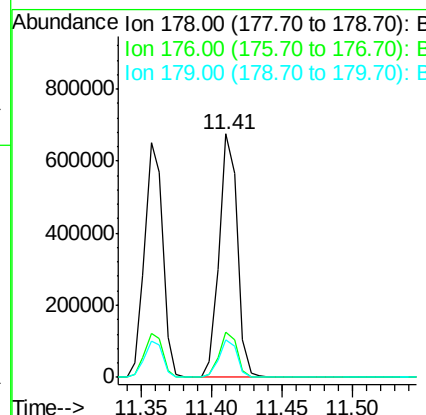
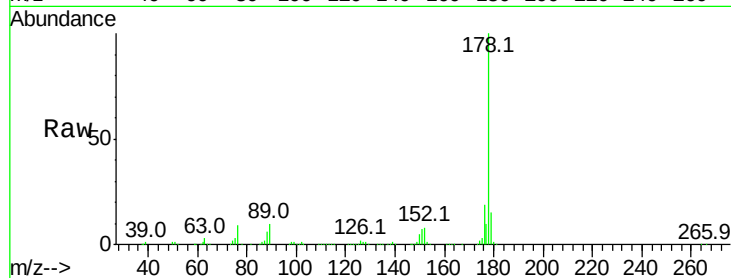




#71
 Anthracene
 Concen: 45.399 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

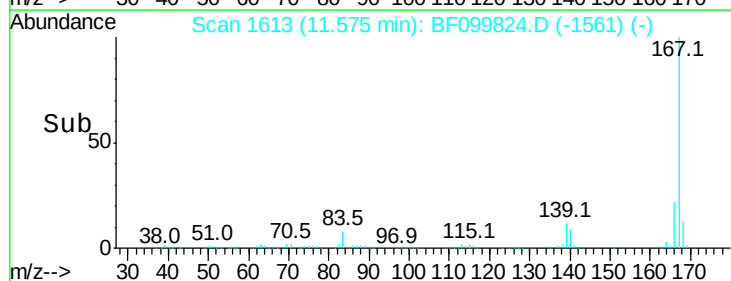
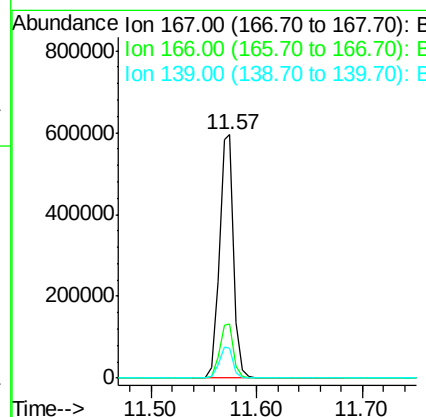
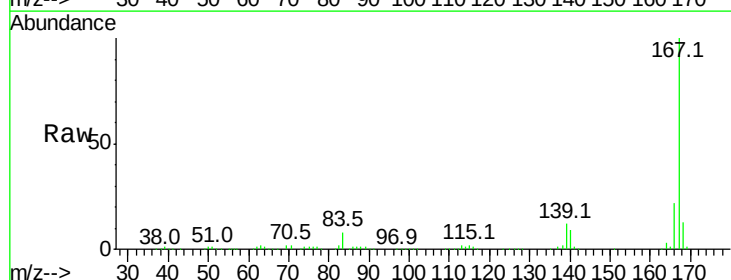
Instrument :
 BNA_F
 ClientSampled :

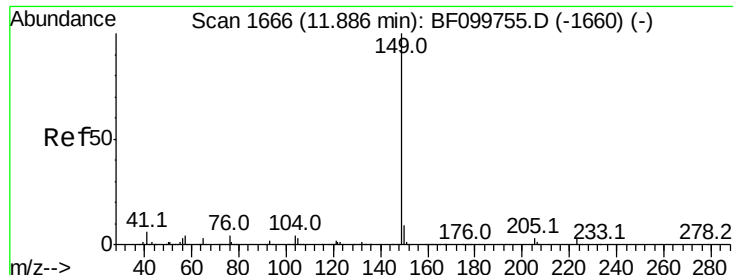
Tot Ion:178 Resp: 604416
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 45.492 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion:167 Resp: 569551
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.0 10.9 16.3

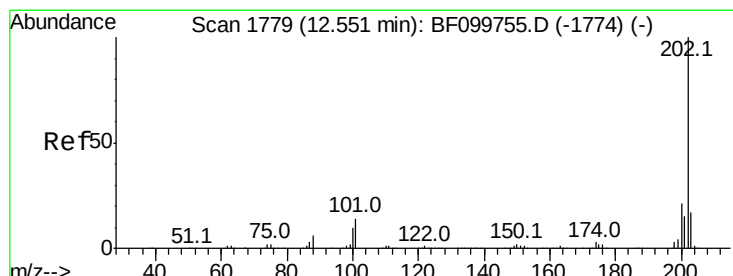
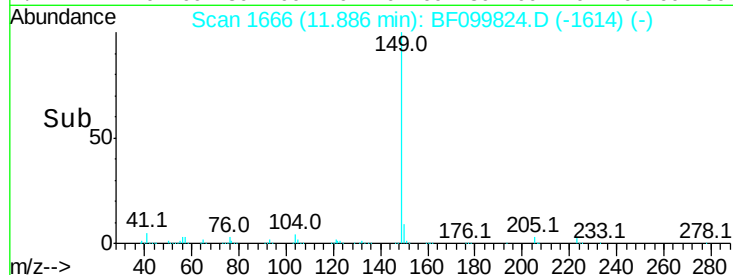
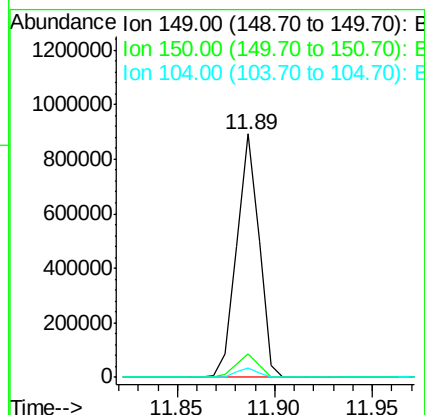
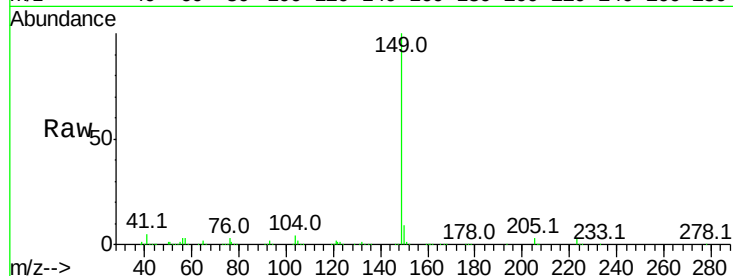




#73
Di-n-butylphthalate
Concen: 44.573 ng
RT: 11.89 min Scan# 1666
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

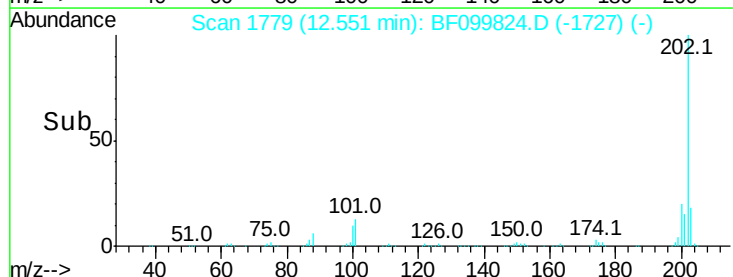
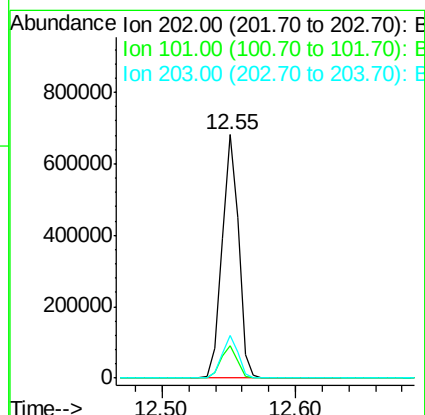
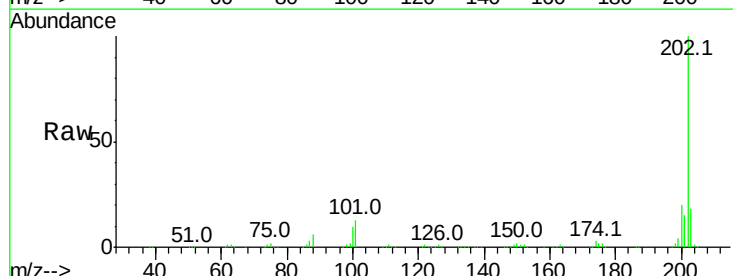
Instrument :
BNA_F
ClientSampled :

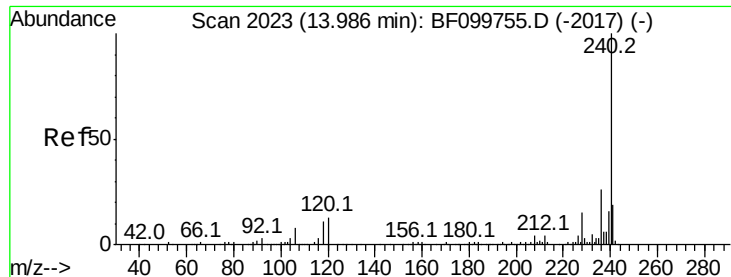
Tot Ion:149 Resp: 711772
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.0 3.8 5.8



#74
Fluoranthene
Concen: 43.886 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:202 Resp: 598194
Ion Ratio Lower Upper
202 100
101 13.5 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Instrument :

BNA_F

ClientSampleId :

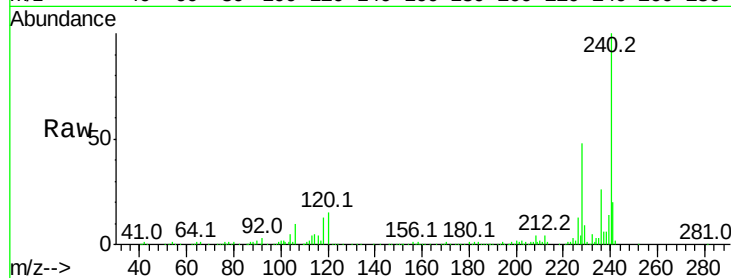
Tot Ion:240 Resp: 166438

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

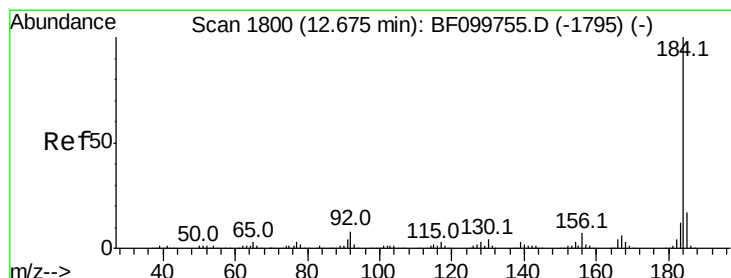
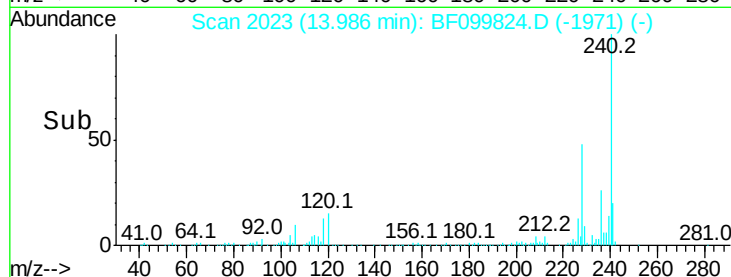
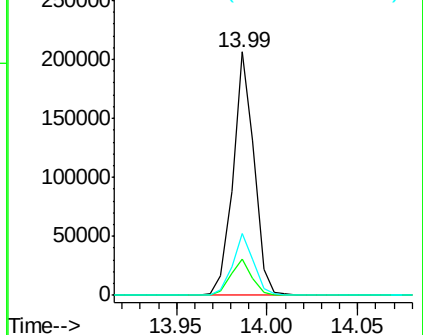
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.662 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

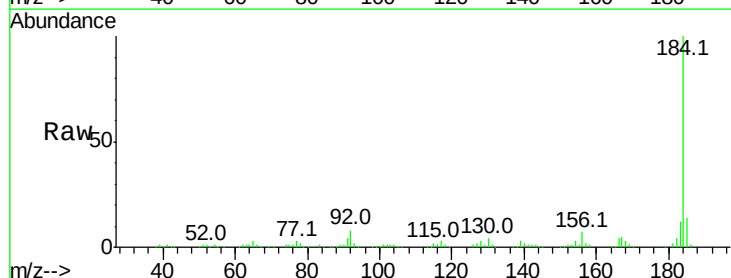
Tgt Ion:184 Resp: 201455

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

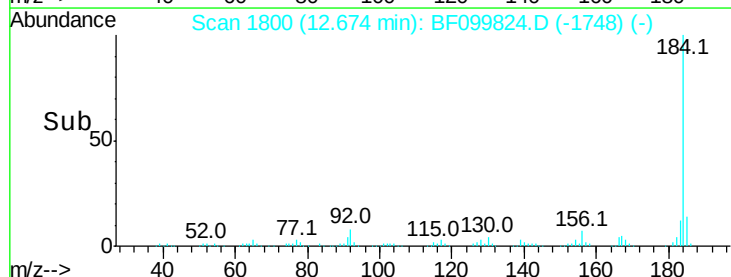
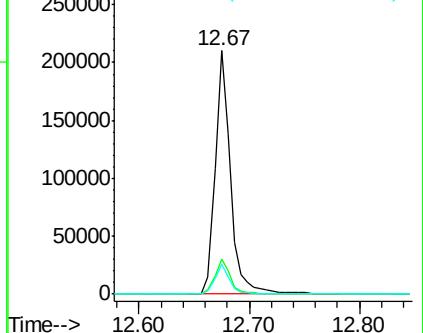
183 12.0 9.3 13.9

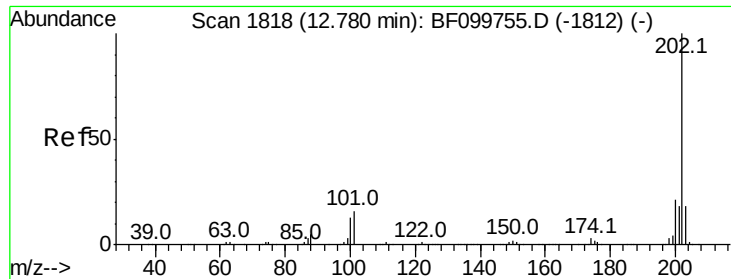


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

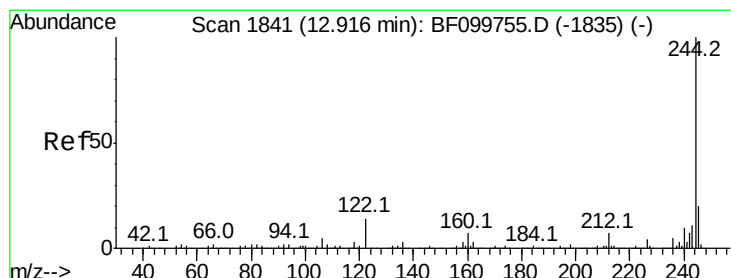
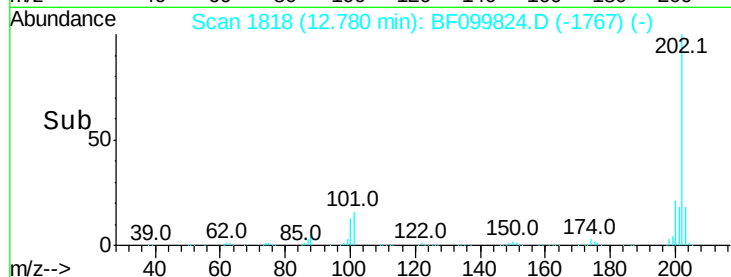
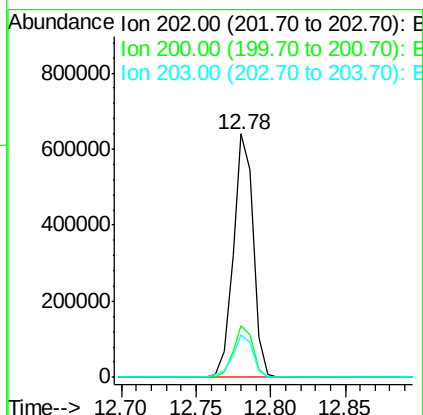
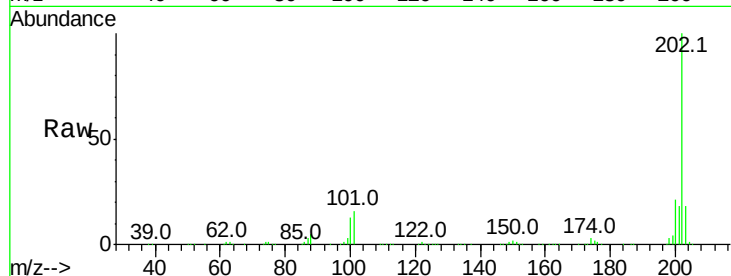




#77
 Pvrene
 Concen: 47.546 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

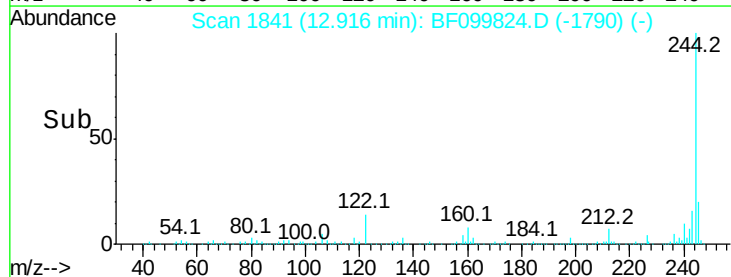
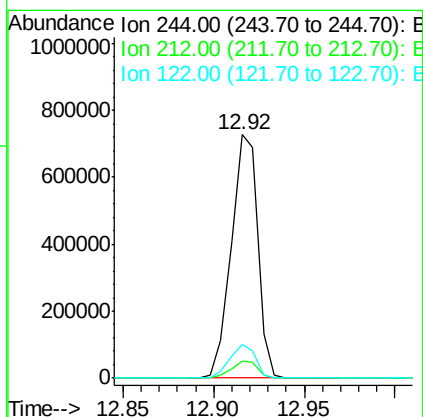
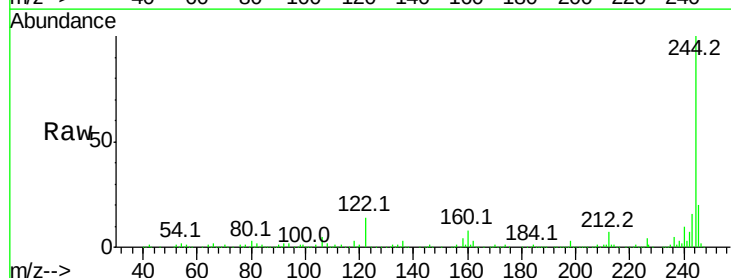
Instrument :
 BNA_F
 ClientSampleId :

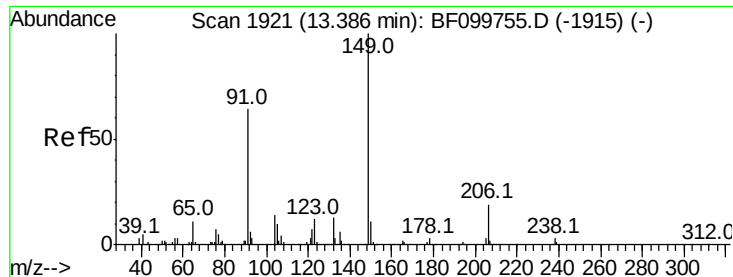
Tot Ion:202 Resp: 601729
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.4 26.2
 203 17.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 96.990 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion:244 Resp: 738679
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.0 11.0 16.4

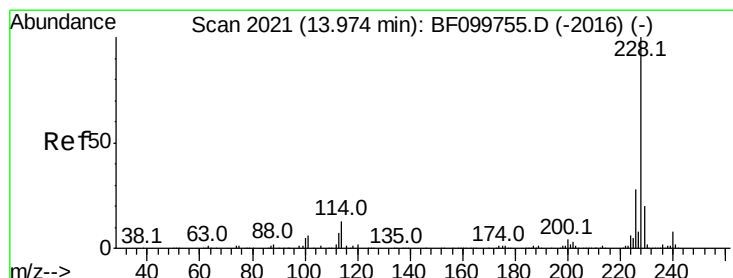
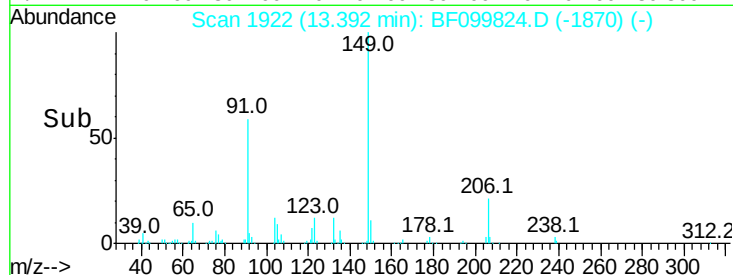
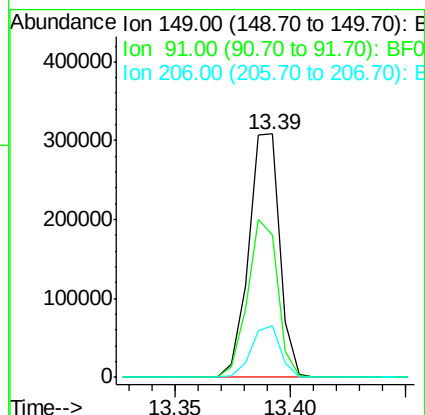
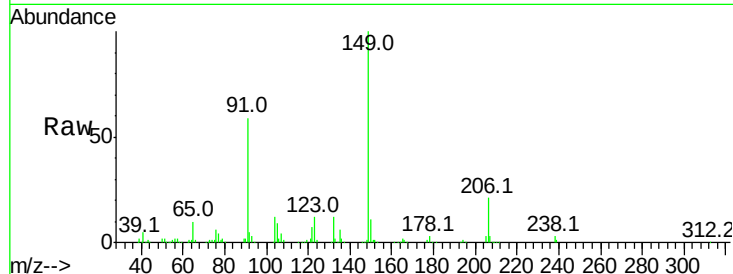




#79
Butylbenzylphthalate
Concen: 46.593 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

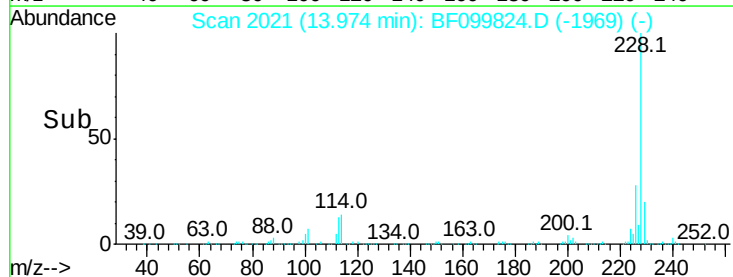
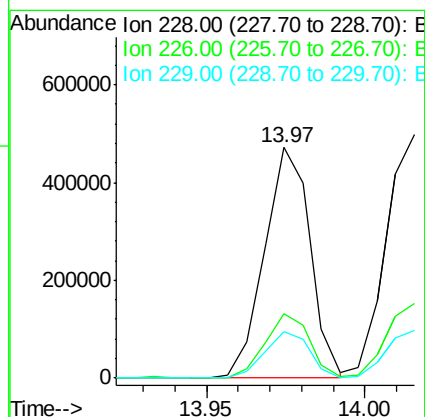
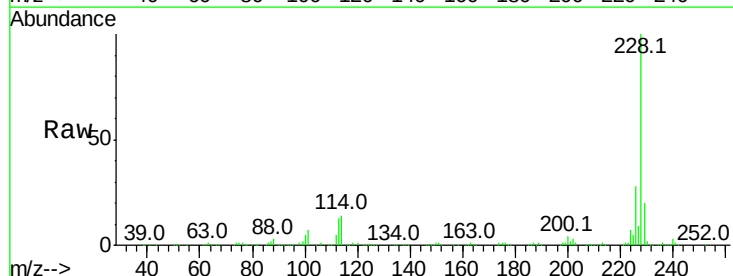
Instrument :
BNA_F
ClientSampleId :

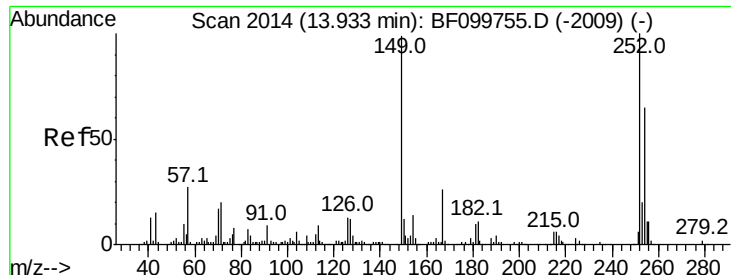
Tot Ion	Ratio	Lower	Upper
149	100		
91	58.6	56.8	85.2
206	21.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.783 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.4	15.8	23.6



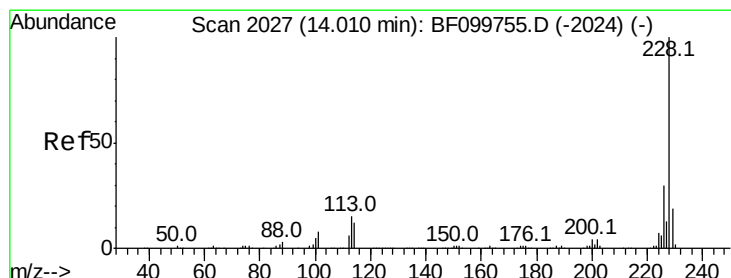
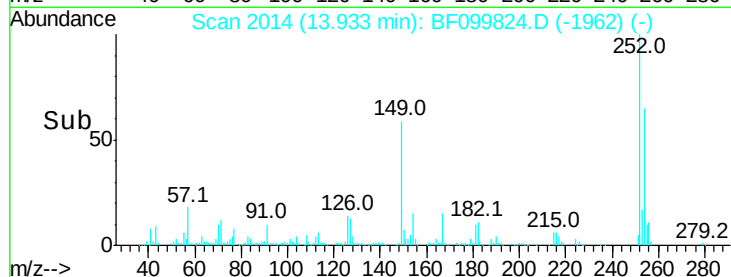
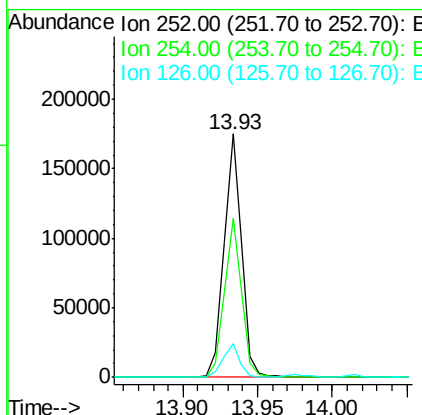
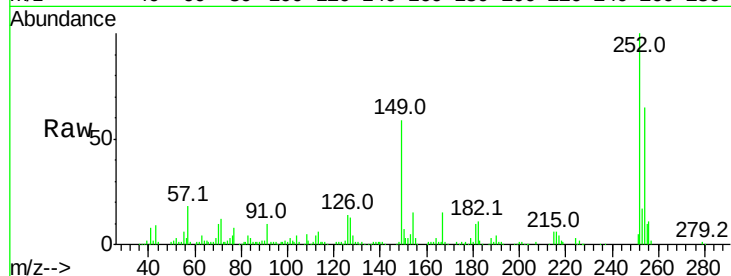


#81
 3,3'-Dichlorobenzidine
 Concen: 38.402 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 147080

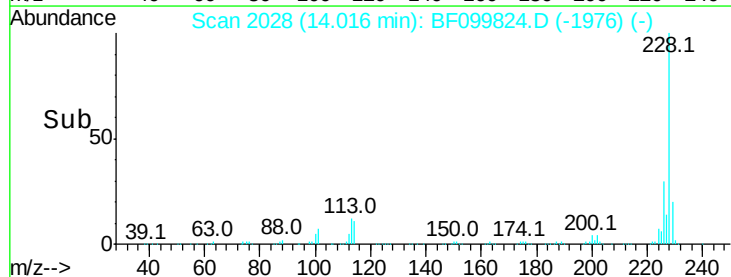
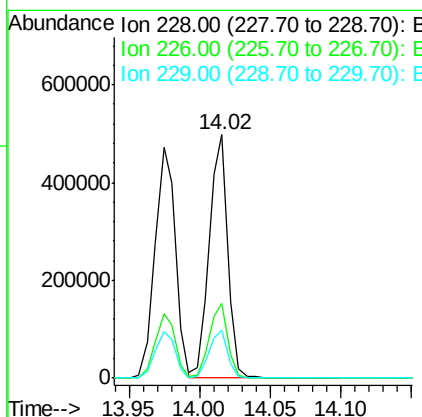
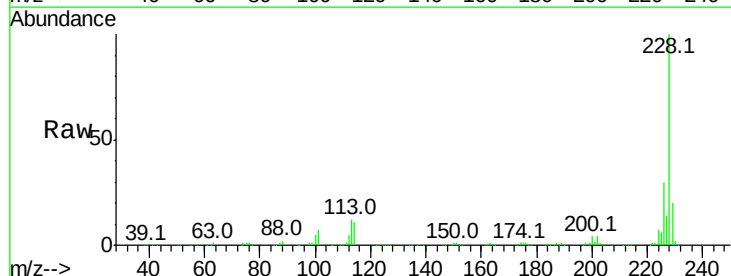
Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	13.9	11.3	16.9

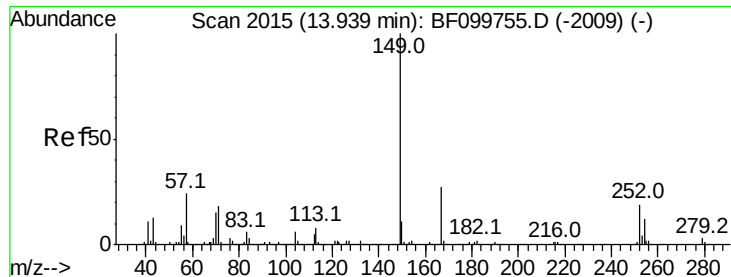


#82
 Chrysene
 Concen: 45.576 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion:228 Resp: 452082

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.8	16.2	24.4

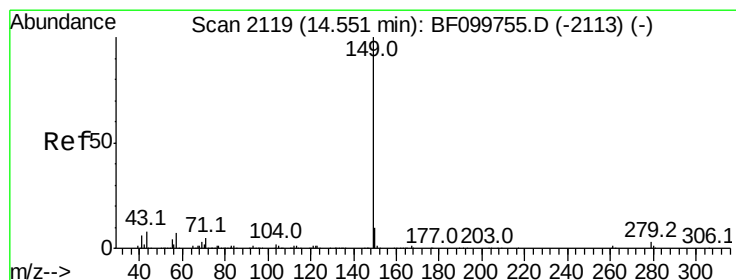
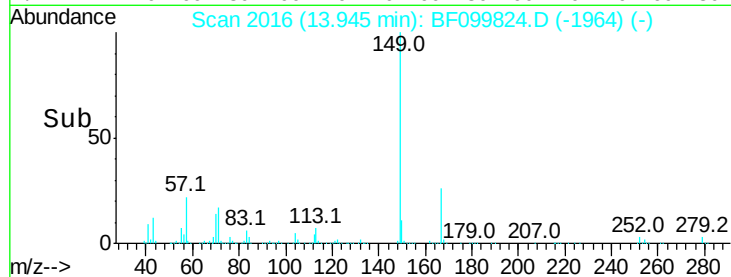
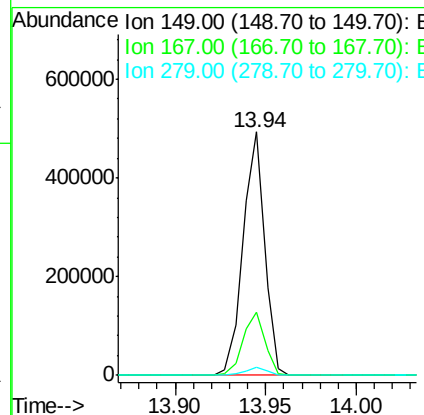
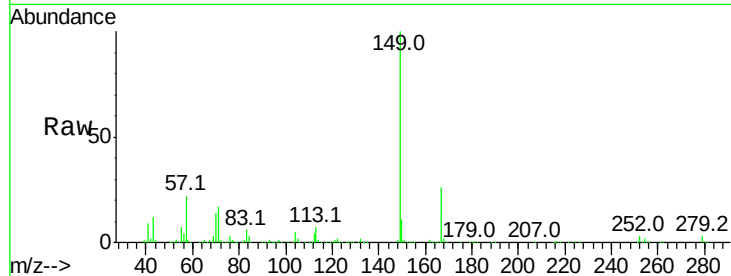




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.808 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

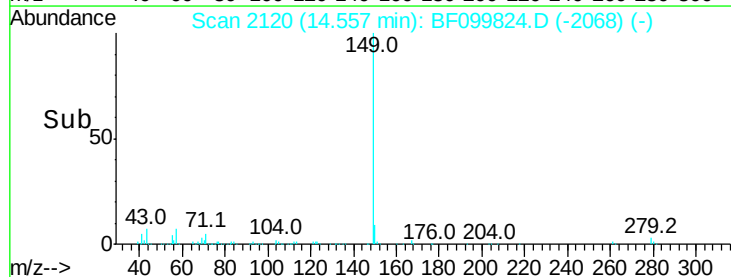
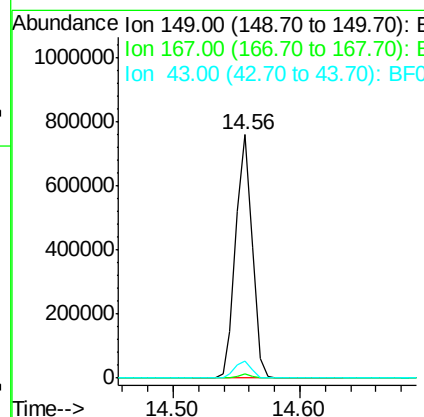
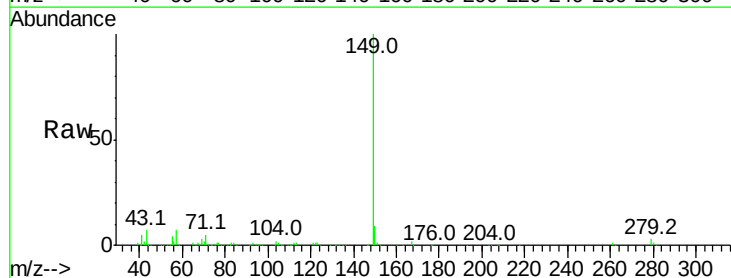
Instrument :
 BNA_F
 ClientSampleId :

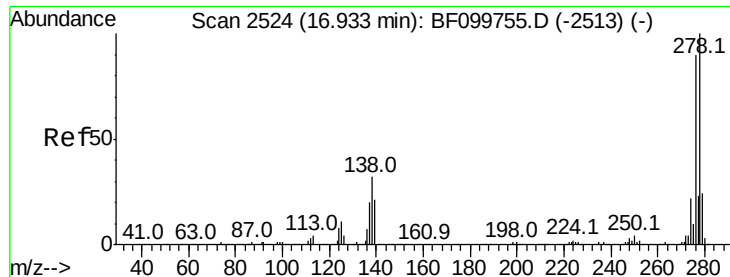
Tot Ion:149 Resp: 409659
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 45.277 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Tgt Ion:149 Resp: 680124
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.3 8.4 12.6#

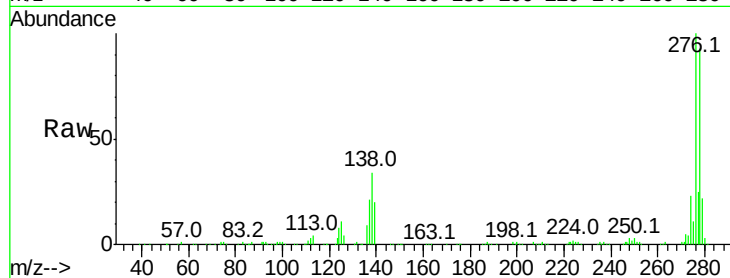




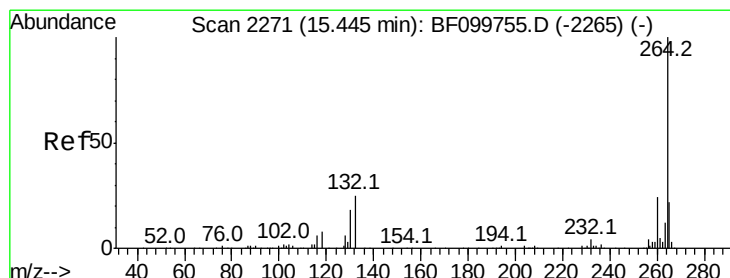
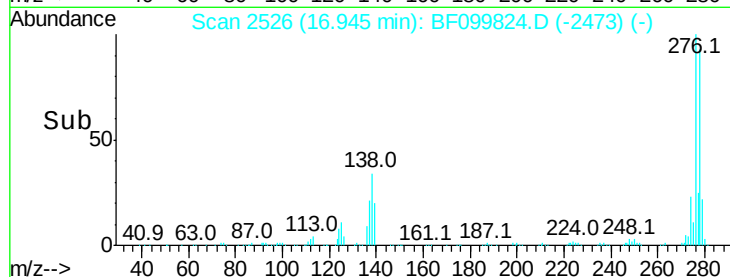
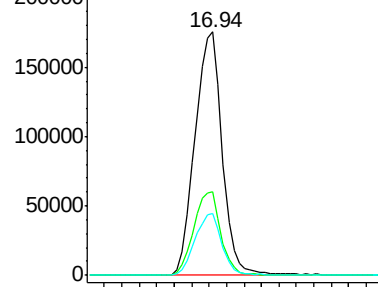
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.341 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.1	25.0	37.6
277	25.1	20.1	30.1

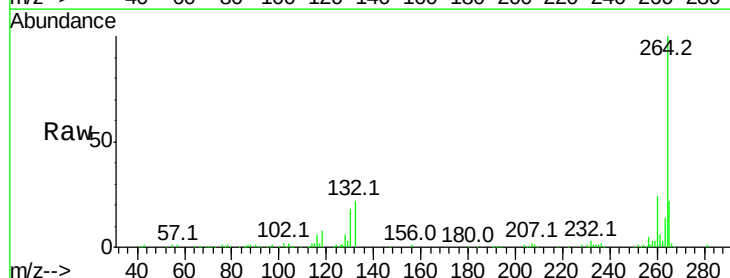


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

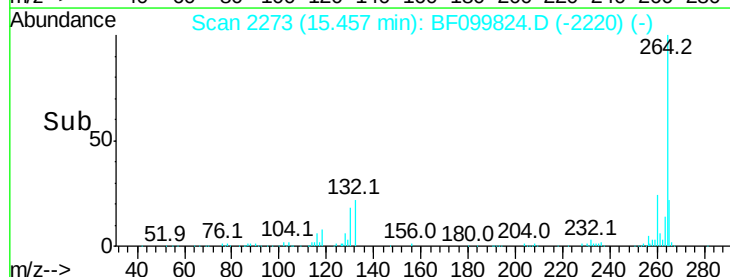
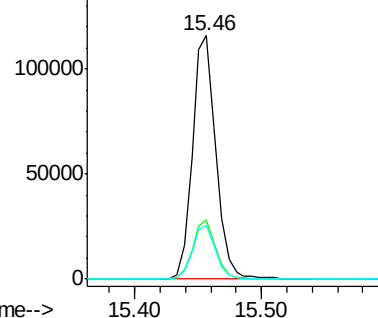


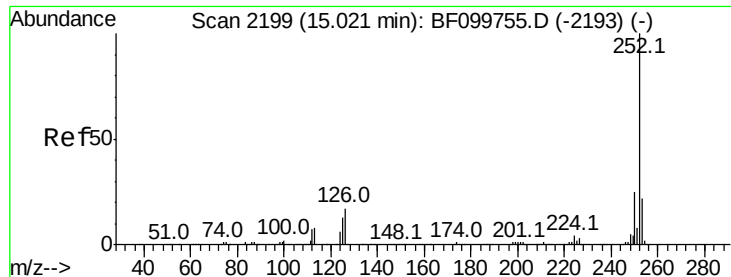
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

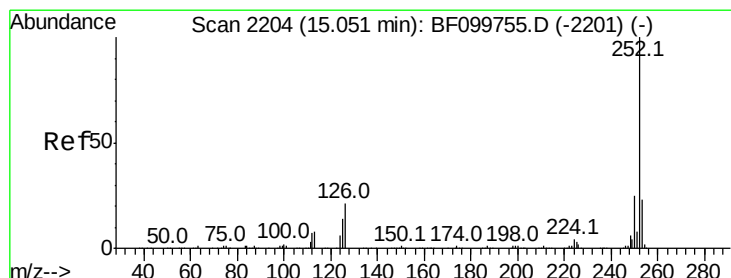
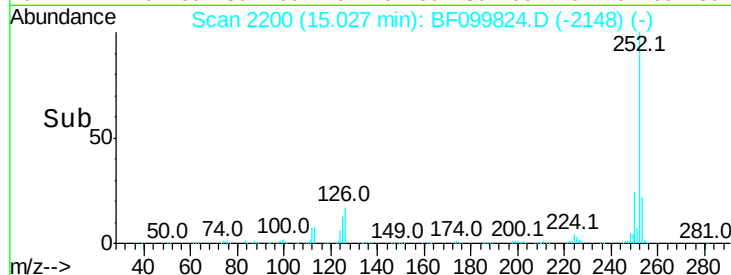
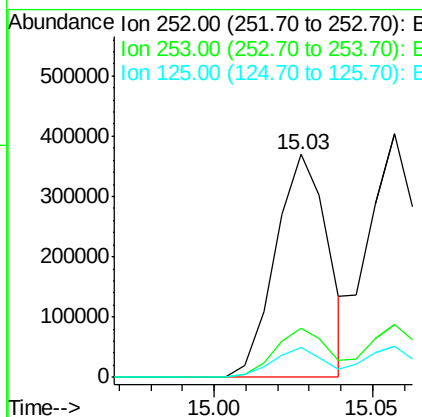
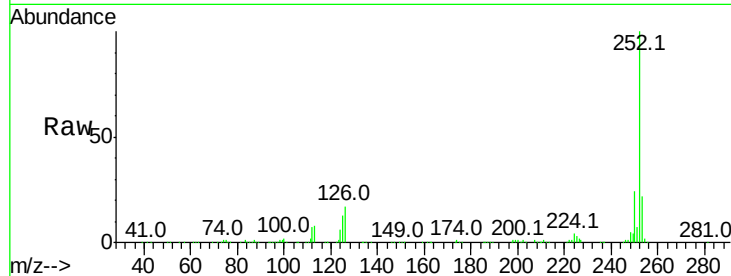




#87
Benzo(b)fluoranthene
Concen: 45.383 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

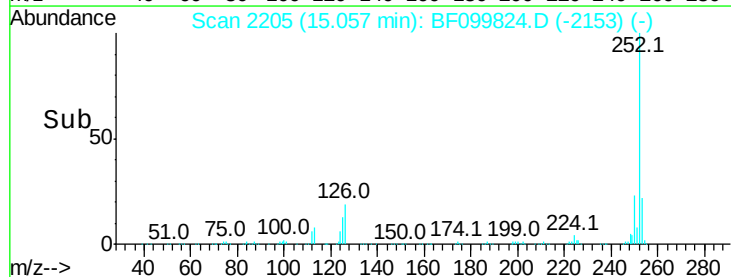
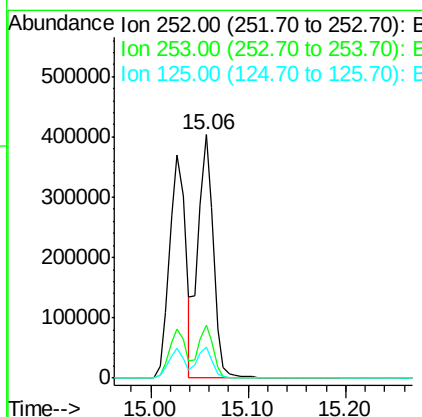
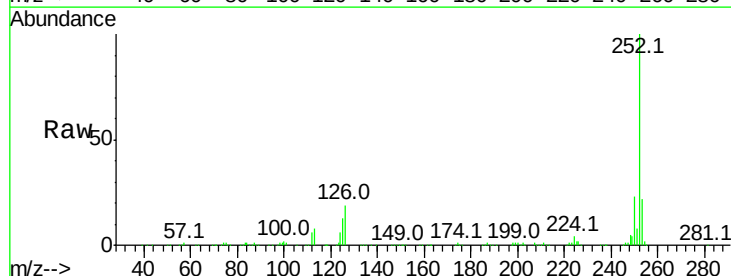
Instrument :
BNA_F
ClientSampled :

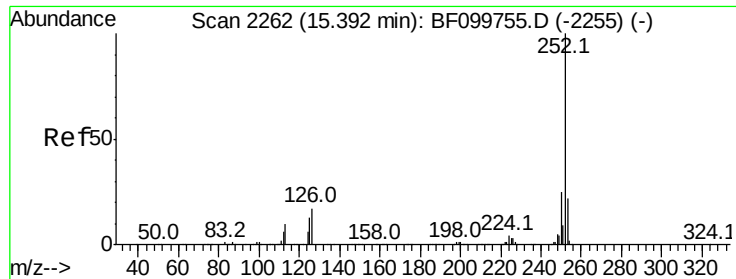
Tot Ion:252 Resp: 425545
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 49.547 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099824.D
Acq: 25 Oct 2017 20:19

Tgt Ion:252 Resp: 438100
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 48.612 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF099824.D

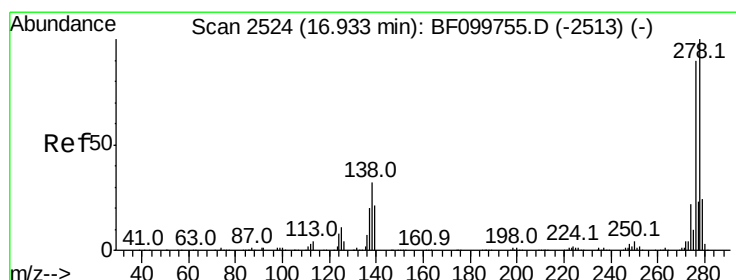
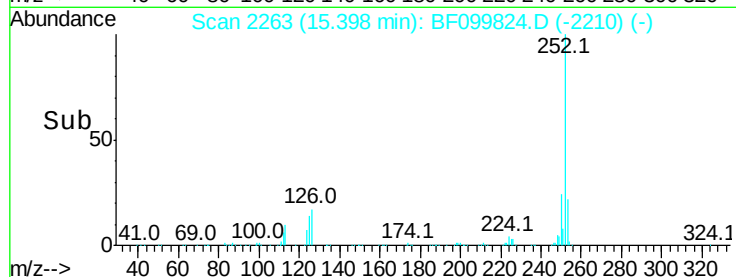
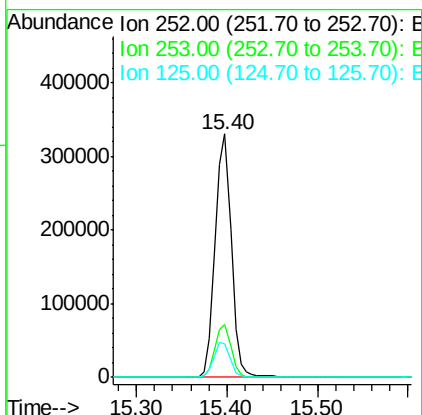
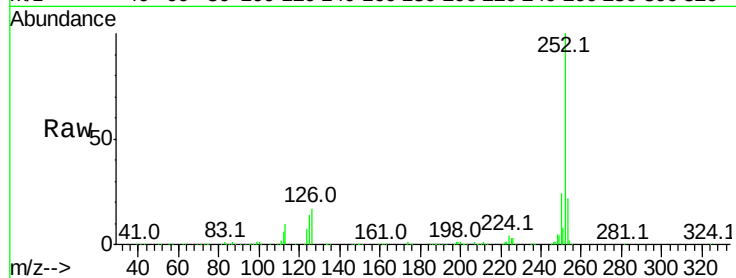
Acq: 25 Oct 2017 20:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	409456
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.6	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 43.188 ng

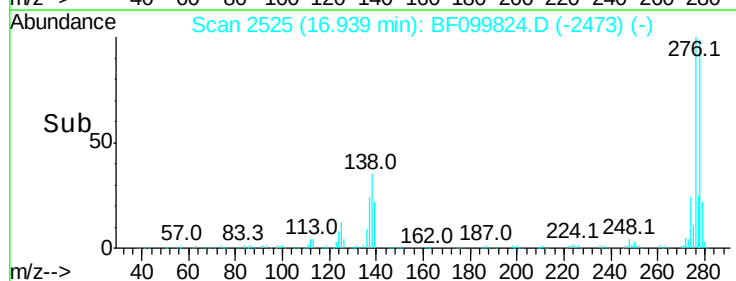
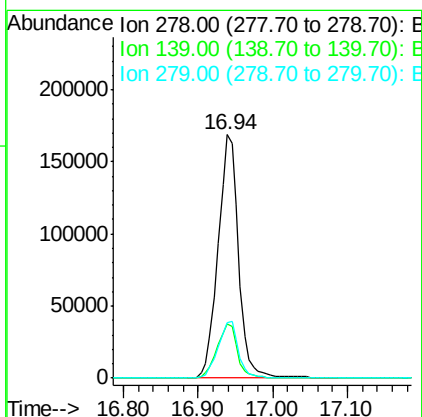
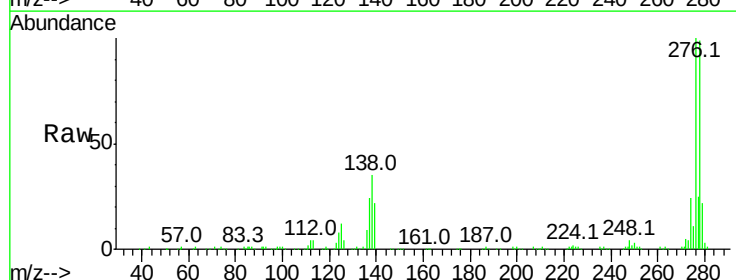
RT: 16.94 min Scan# 2525

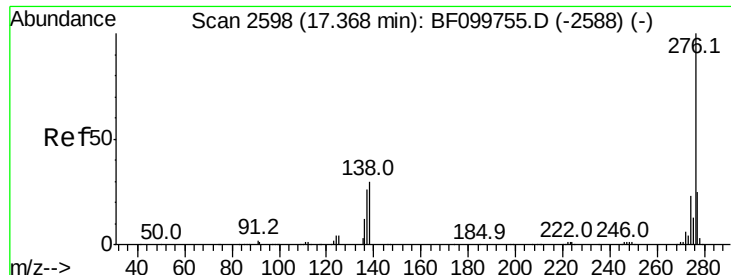
Delta R.T. 0.01 min

Lab File: BF099824.D

Acq: 25 Oct 2017 20:19

Tgt Ion:	278	Resp:	323236
Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.9	23.9
279	22.6	19.0	28.4

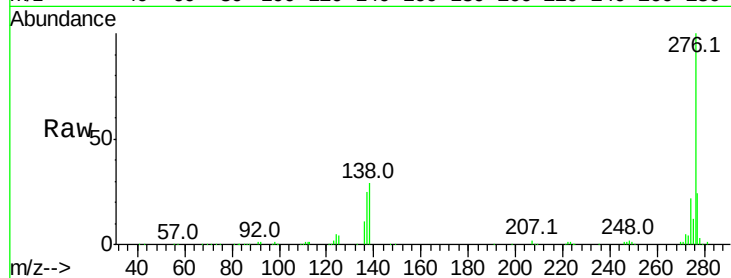




#91
 Benzo(a,h,i)perylene
 Concen: 41.140 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. 0.01 min
 Lab File: BF099824.D
 Acq: 25 Oct 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	301240
Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	29.3	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

