

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099819.D
 Acq On : 25 Oct 2017 17:57
 Operator : SJ/JU
 Sample : PB103597BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

Quant Time: Oct 26 02:47:52 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	74381	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	304537	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	136880	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	236515	20.00	ng	0.00
75) Chrysene-d12	13.99	240	162906	20.00	ng	0.00
86) Perylene-d12	15.46	264	150245	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	463375	97.80	ng	0.01
7) Phenol-d6	6.44	99	535875	95.39	ng	0.00
23) Nitrobenzene-d5	7.36	82	303254	64.11	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	117826	94.46	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	643819	72.57	ng	0.00
78) Terphenyl-d14	12.92	244	547377	73.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	54508	26.053	ng	93
3) Pyridine	3.35	79	130993	26.036	ng	87
4) n-Nitrosodimethylamine	3.28	42	51763	28.799	ng	80
6) Aniline	6.46	93	115439	15.848	ng	# 91
8) 2-Chlorophenol	6.59	128	161894	32.062	ng	92
9) Benzaldehyde	6.35	77	89143	26.555	ng	92
10) Phenol	6.45	94	191152	30.992	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	143251	30.076	ng	92
12) 1,3-Dichlorobenzene	6.73	146	174066	30.702	ng	96
13) 1,4-Dichlorobenzene	6.81	146	179070	31.120	ng	97
14) 1,2-Dichlorobenzene	6.96	146	166549	31.758	ng	97
15) Benzyl Alcohol	6.95	79	114440	32.033	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	188249	35.580	ng	73
17) 2-Methylphenol	7.06	107	130493	30.895	ng	97
18) Hexachloroethane	7.30	117	55290	28.801	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	101848	30.937	ng	93
20) 3+4-Methylphenols	7.21	107	167218	34.001	ng	# 56
22) Acetophenone	7.21	105	213402	30.776	ng	# 97
24) Nitrobenzene	7.38	77	149353	31.336	ng	96
25) Isophorone	7.62	82	279474	32.560	ng	99
26) 2-Nitrophenol	7.70	139	84746	31.044	ng	# 88
27) 2,4-Dimethylphenol	7.73	122	143546	35.689	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	187884	31.255	ng	99
29) 2,4-Dichlorophenol	7.95	162	137013	32.791	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	140142	31.391	ng	97
31) Naphthalene	8.10	128	454452	30.915	ng	99
32) Benzoic acid	7.87	122	68080	19.230	ng	91
33) 4-Chloroaniline	8.16	127	67419	11.107	ng	# 93
34) Hexachlorobutadiene	8.21	225	68575	29.863	ng	98
35) Caprolactam	8.53	113	41664	31.708	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	134739	31.594	ng	90
37) 2-Methylnaphthalene	8.79	142	317596	32.239	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	129094	29.201	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	5447	17.129	ng	98

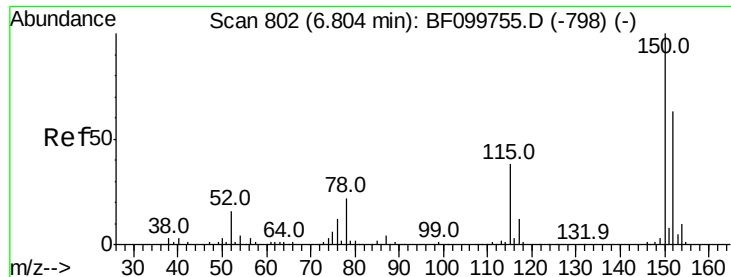
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	87731	32.807	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	92321	32.533	nq	# 94
45) 1,1'-Biphenyl	9.26	154	371317	29.987	nq	97
46) 2-Chloronaphthalene	9.29	162	283898	31.569	nq	95
47) 2-Nitroaniline	9.39	65	72649	30.780	nq	86
48) Acenaphthylene	9.70	152	429657	31.020	nq	98
49) Dimethylphthalate	9.56	163	338229	31.203	nq	100
50) 2,6-Dinitrotoluene	9.63	165	72728	31.915	nq	# 81
51) Acenaphthene	9.87	154	251985	29.774	nq	99
52) 3-Nitroaniline	9.80	138	52582	19.583	nq	94
53) 2,4-Dinitrophenol	9.93	184	10399	16.487	nq	# 86
54) Dibenzofuran	10.05	168	376396	31.507	nq	98
55) 4-Nitrophenol	9.99	139	85586	61.005	nq	82
56) 2,4-Dinitrotoluene	10.05	165	88929	32.405	nq	# 96
57) Fluorene	10.39	166	307314	31.069	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	63301	31.815	nq	95
59) Diethylphthalate	10.26	149	321794	30.399	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	141232	30.339	nq	92
61) 4-Nitroaniline	10.43	138	64348	25.119	nq	84
62) Azobenzene	10.54	77	272913	30.756	nq	91
64) 4,6-Dinitro-2-methylphenol	10.46	198	12309	8.279	nq	85
65) n-Nitrosodiphenylamine	10.50	169	267748	30.667	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	80945	32.509	nq	92
67) Hexachlorobenzene	10.94	284	80091	31.441	nq	97
68) Atrazine	11.03	200	83212	31.729	nq	99
69) Pentachlorophenol	11.15	266	59701	54.848	nq	97
70) Phenanthrene	11.36	178	426547	31.957	nq	98
71) Anthracene	11.41	178	439702	32.454	nq	99
72) Carbazole	11.57	167	400981	31.472	nq	99
73) Di-n-butylphthalate	11.89	149	517683	31.856	nq	99
74) Fluoranthene	12.55	202	424133	30.576	nq	97
76) Benzidine	12.67	184	245088	34.382	nq	97
77) Pyrene	12.78	202	424151	34.241	nq	98
79) Butylbenzylphthalate	13.39	149	207507	34.018	nq	93
80) Benzo(a)anthracene	13.97	228	323666	31.341	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	104678	27.924	nq	98
82) Chrysene	14.01	228	310243	31.955	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	290097	33.866	nq	99
84) Di-n-octyl phthalate	14.56	149	453966	30.877	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.94	276	260130	29.186	nq	96
87) Benzo(b)fluoranthene	15.03	252	295598	31.157	nq	98
88) Benzo(k)fluoranthene	15.06	252	288205	32.215	nq	97
89) Benzo(a)pyrene	15.39	252	280122	32.870	nq	# 97
90) Dibenzo(a,h)anthracene	16.94	278	221489	29.249	nq	98
91) Benzo(g,h,i)perylene	17.38	276	208032	28.080	nq	97

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

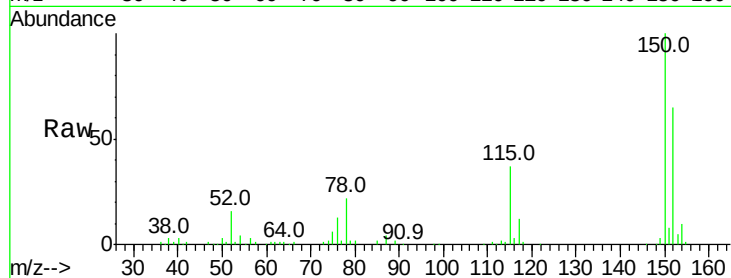


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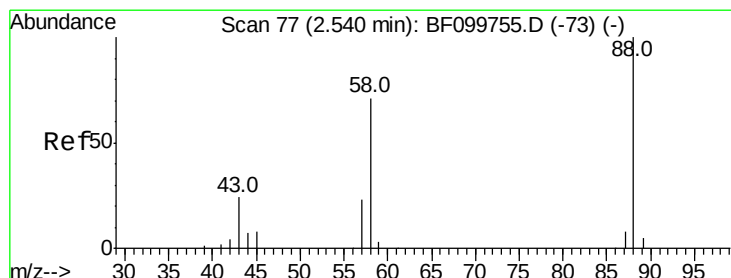
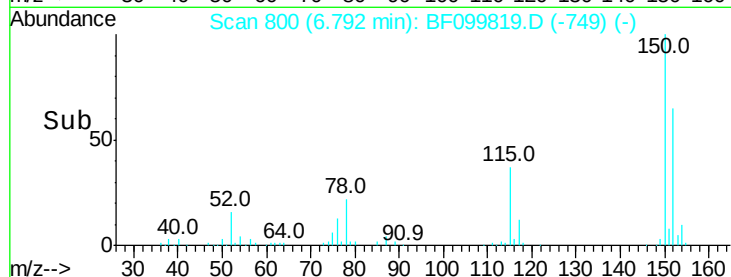
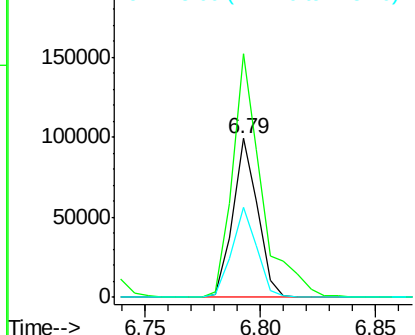
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Instrument :
BNA_F
ClientSampleId :
PB103597BS

Tot Ion:152 Resp: 74381
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 56.9 50.1 75.1



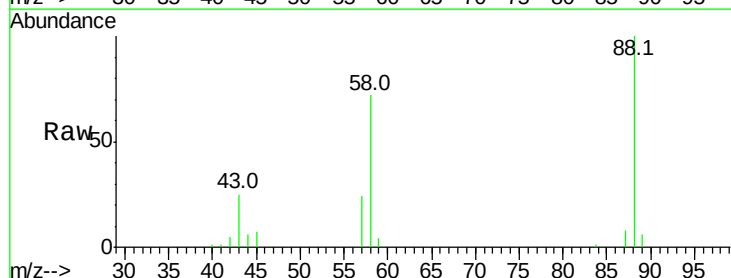
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



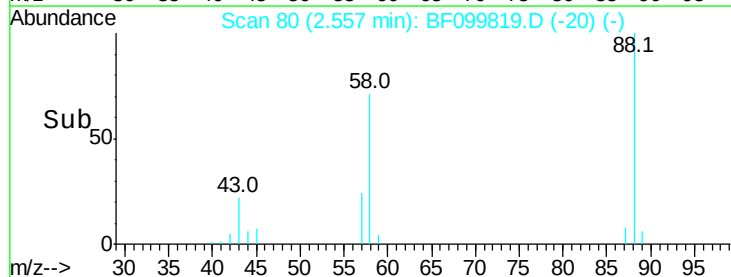
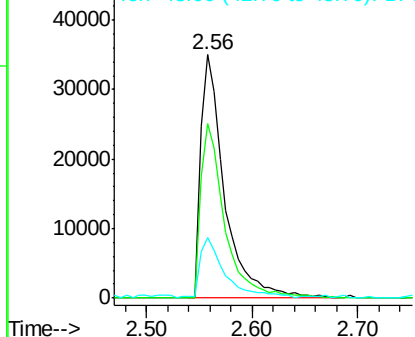
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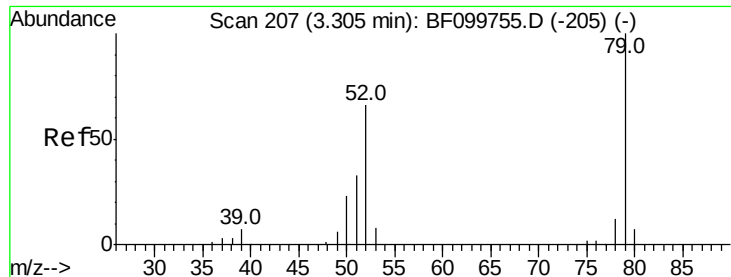
1,4-Dioxane
Concen: 26.053 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.05 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion: 88 Resp: 54508
Ion Ratio Lower Upper
88 100
58 72.0 62.6 93.8
43 26.3 24.6 37.0



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

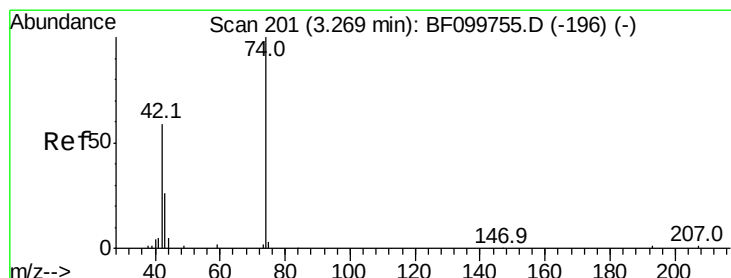
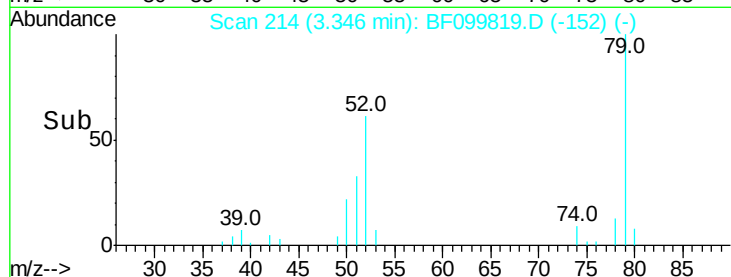
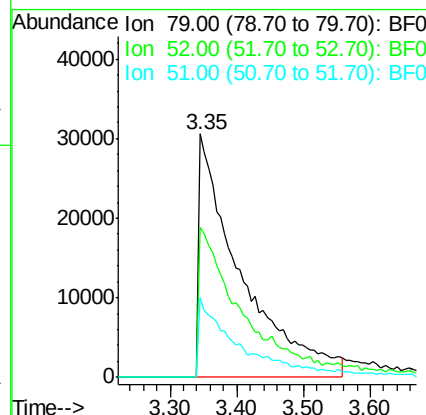
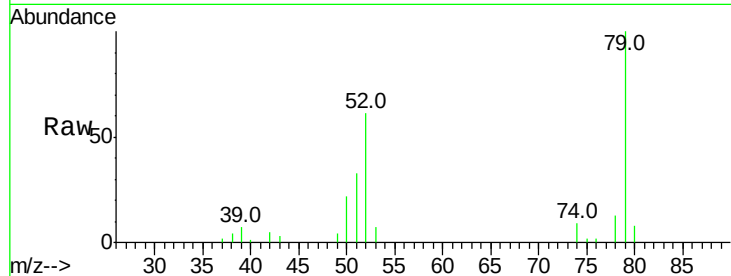




#3
 Pvridine
 Concen: 26.036 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.06 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

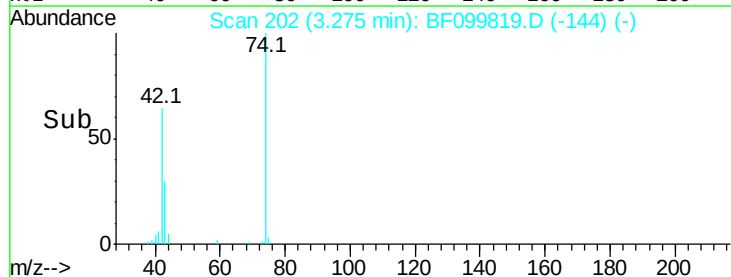
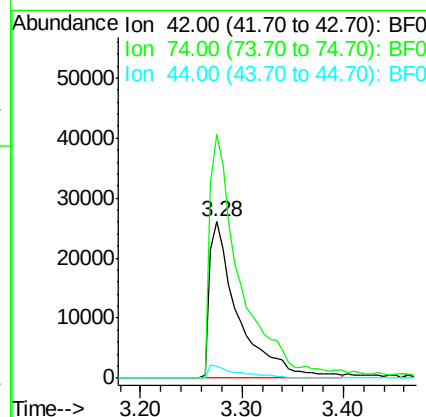
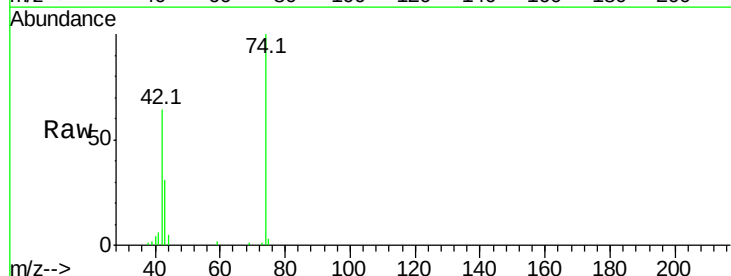
Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

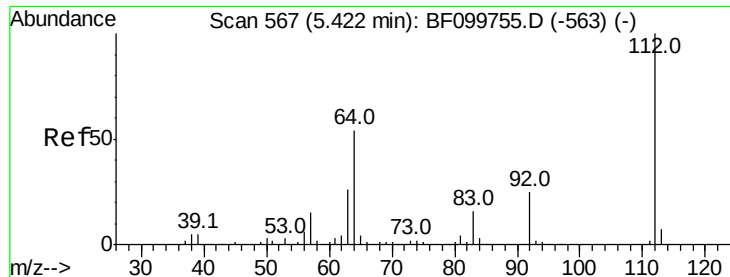
Tot Ion: 79 Resp: 130993
 Ion Ratio Lower Upper
 79 100
 52 61.5 59.8 89.6
 51 33.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 28.799 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.04 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion: 42 Resp: 51763
 Ion Ratio Lower Upper
 42 100
 74 155.9 104.9 157.3
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 97.805 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

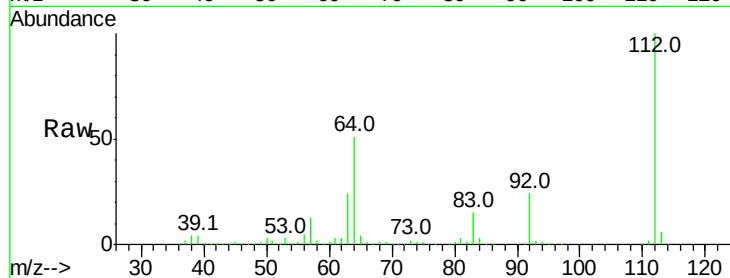
Tot Ion:112 Resp: 463375

Ion Ratio Lower Upper

112 100

64 51.0 47.9 71.9

63 23.8 23.7 35.5



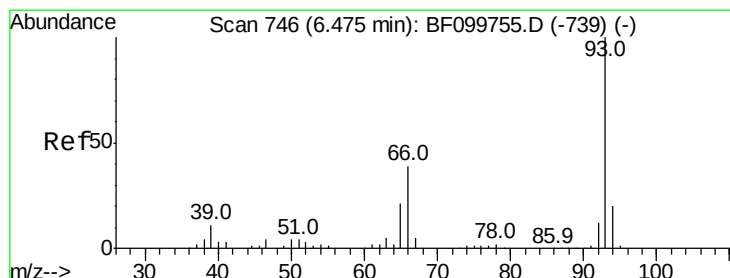
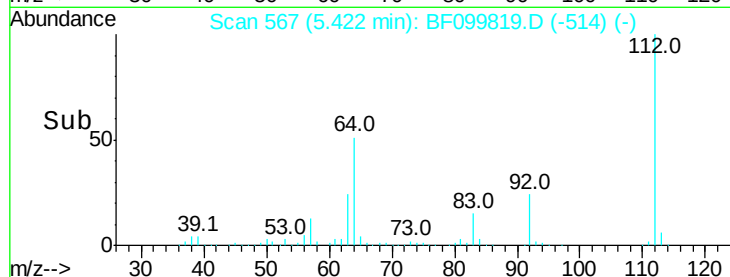
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.42

Time-->



#6

Aniline

Concen: 15.848 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

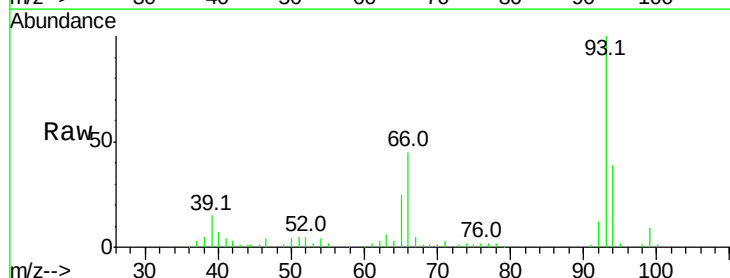
Tgt Ion: 93 Resp: 115439

Ion Ratio Lower Upper

93 100

66 45.5 32.2 48.2

65 24.7 16.4 24.6#



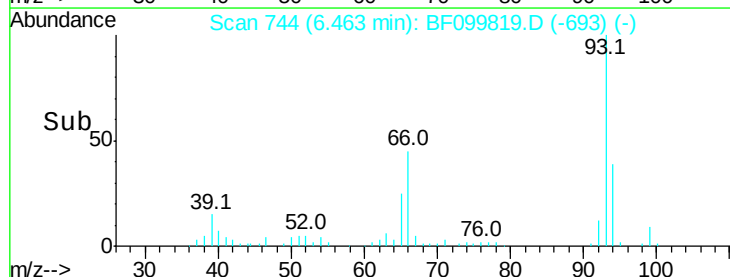
Abundance Ion 93.00 (92.70 to 93.70): BF0

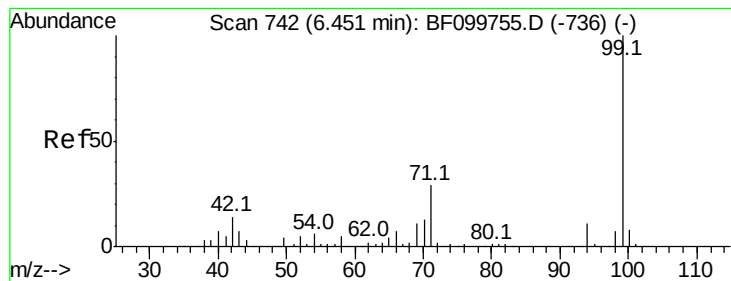
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.46

Time-->





#7

Phenol-d6

Concen: 95.392 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

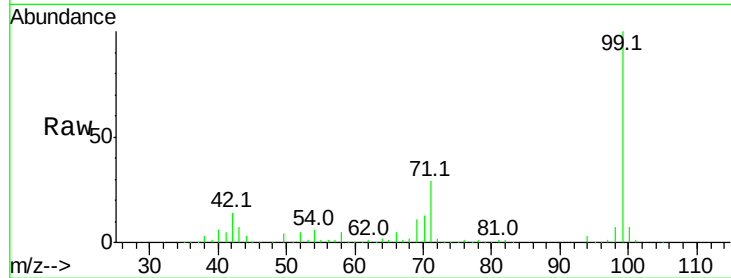
Tot Ion: 99 Resp: 535875

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

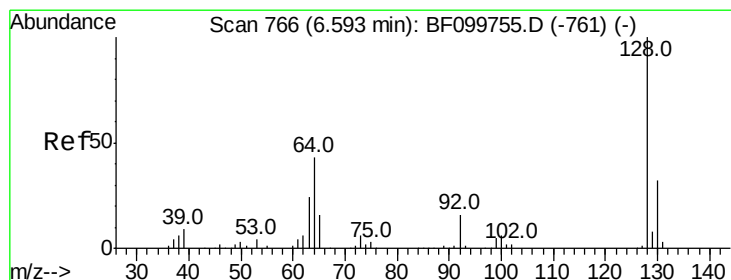
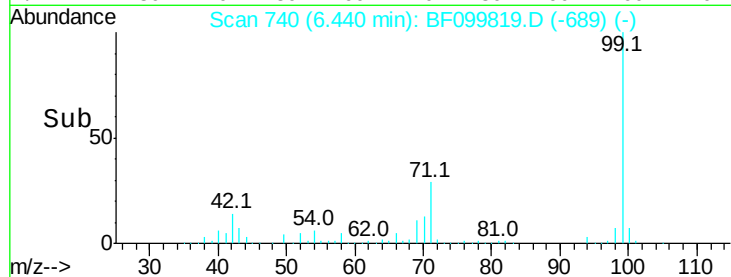
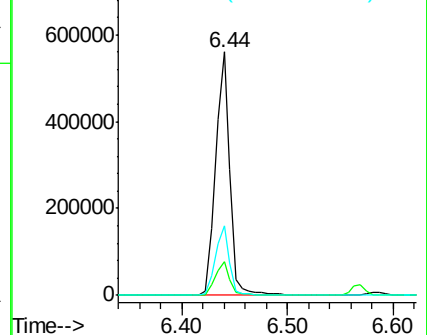
71 28.7 25.4 38.0



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: 32.062 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

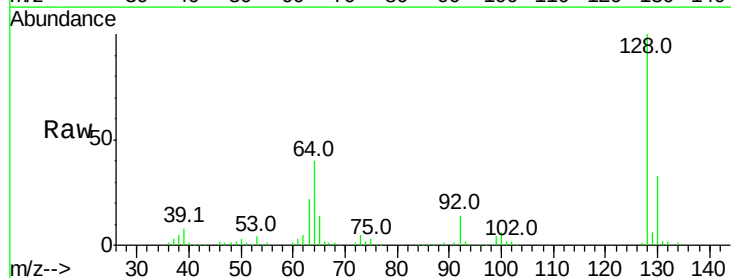
Tgt Ion:128 Resp: 161894

Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

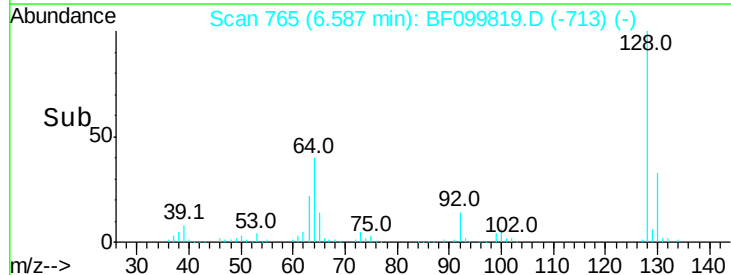
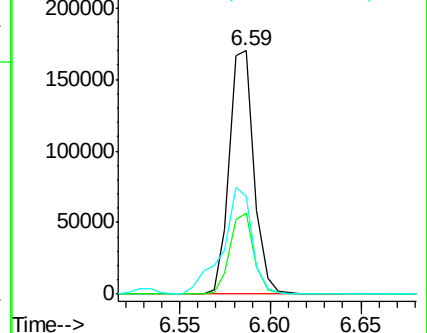
64 40.1 29.4 69.4

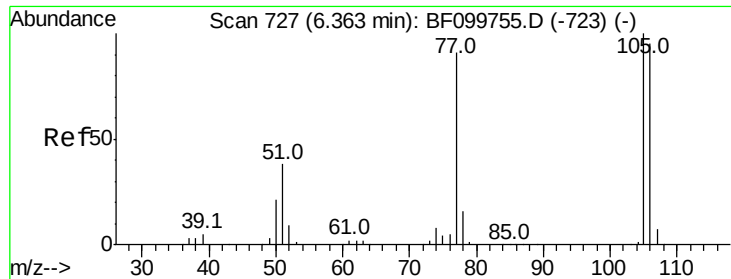


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

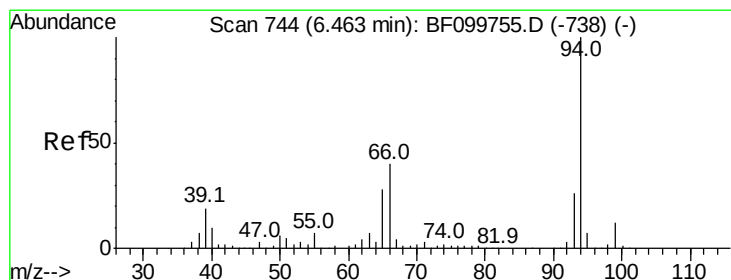
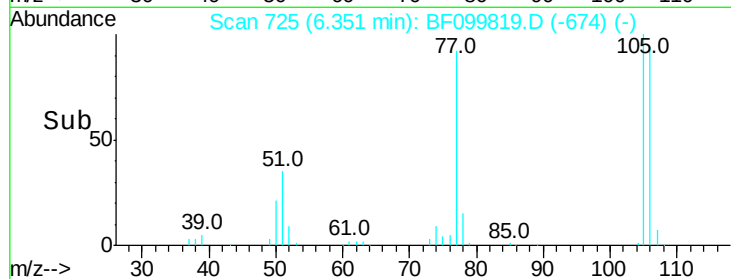
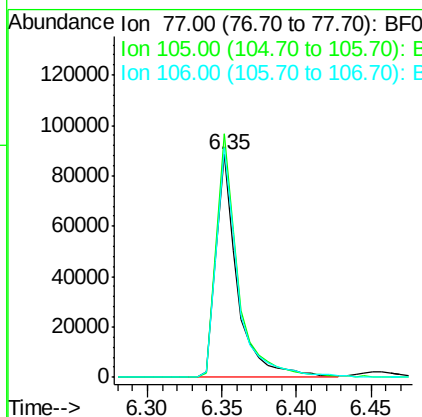
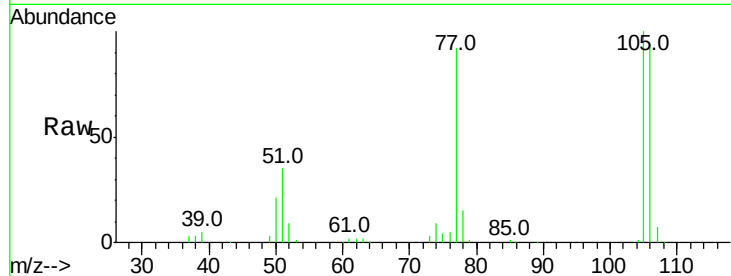




#9
Benzaldehyde
Concen: 26.555 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

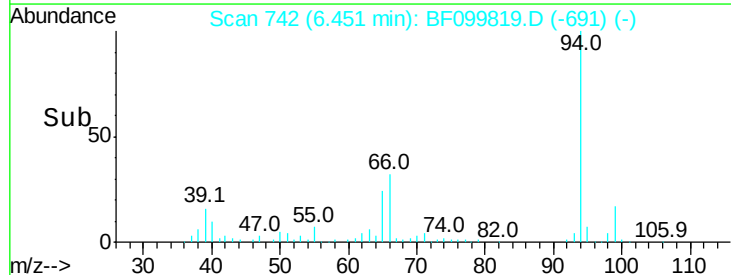
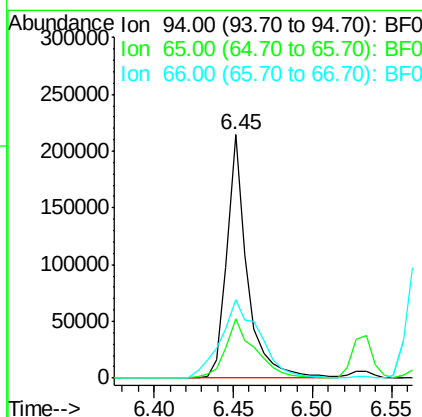
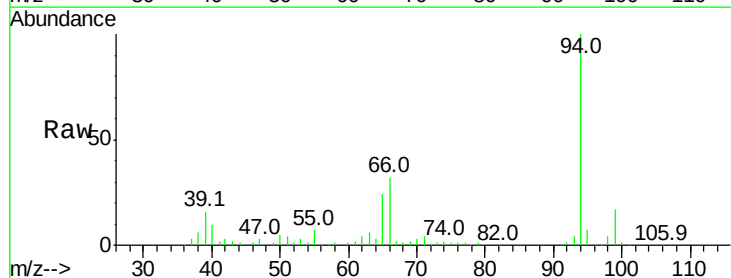
Instrument :
BNA_F
ClientSampleId :
PB103597BS

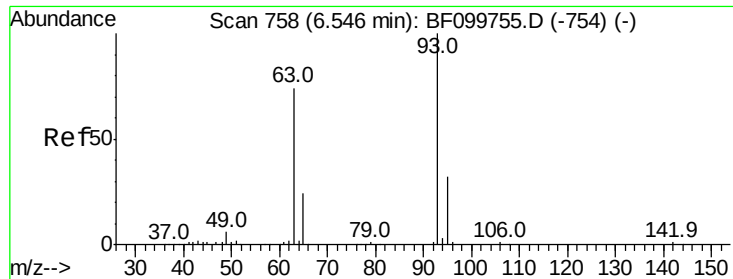
Tot Ion: 77 Resp: 89143
Ion Ratio Lower Upper
77 100
105 109.2 81.1 121.1
106 102.8 74.5 114.5



#10
Phenol
Concen: 30.992 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion: 94 Resp: 191152
Ion Ratio Lower Upper
94 100
65 24.4 7.9 47.9
66 32.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 30.076 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

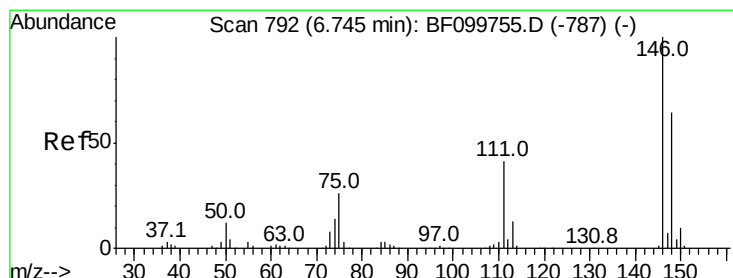
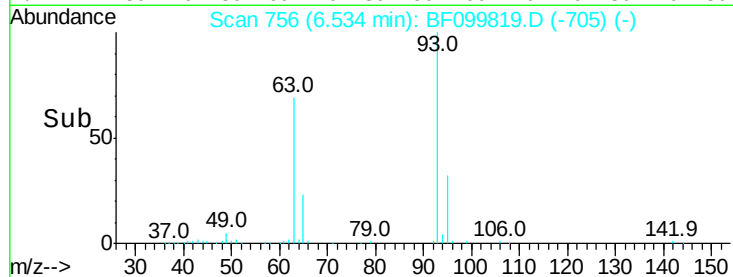
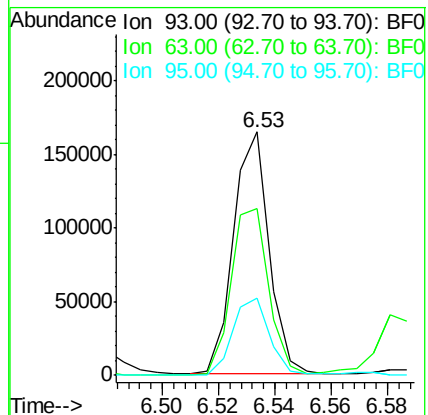
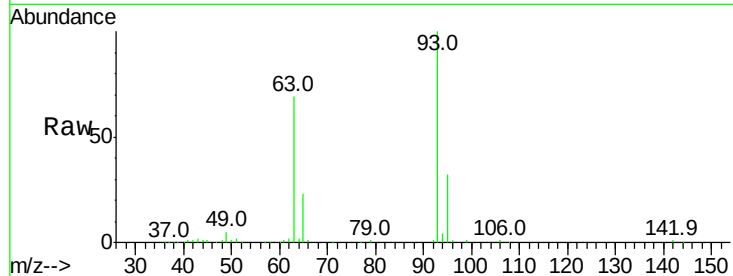
Tot Ion: 93 Resp: 143251

Ion Ratio Lower Upper

93 100

63 68.7 58.6 98.6

95 31.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 30.702 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

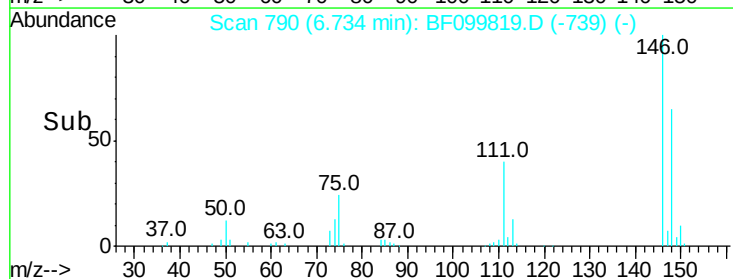
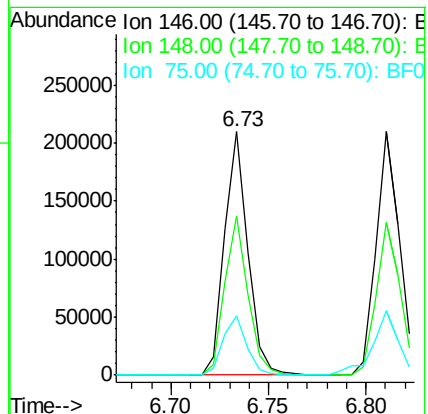
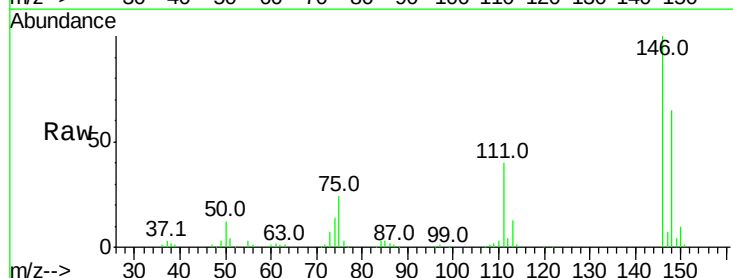
Tgt Ion: 146 Resp: 174066

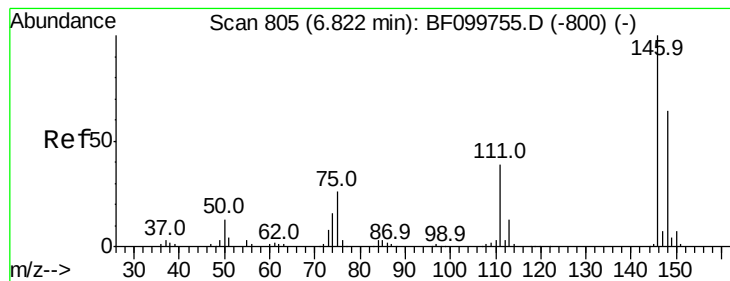
Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

75 24.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 31.120 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

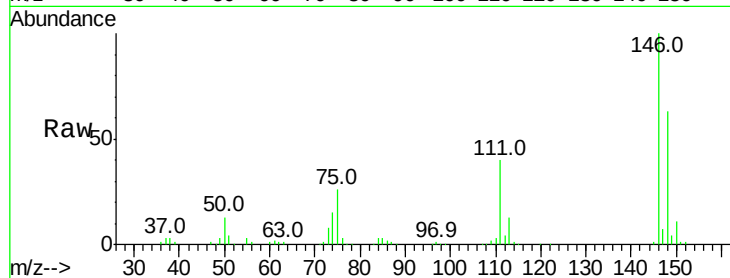
Tot Ion:146 Resp: 179070

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

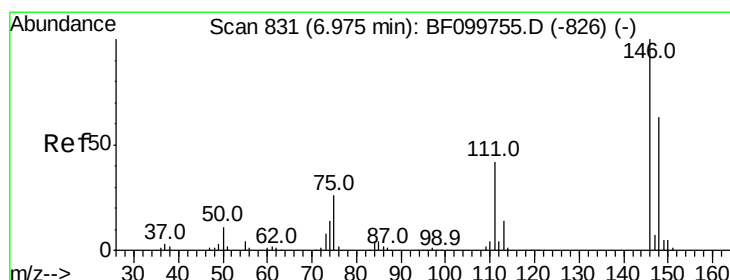
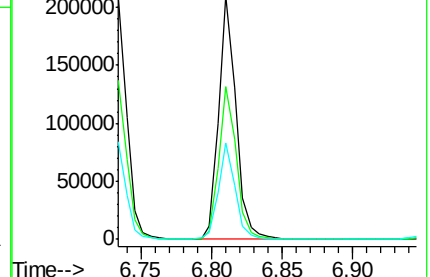
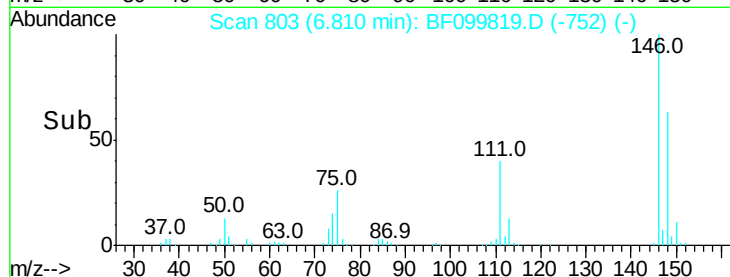
111 39.5 34.2 51.2



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: 31.758 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

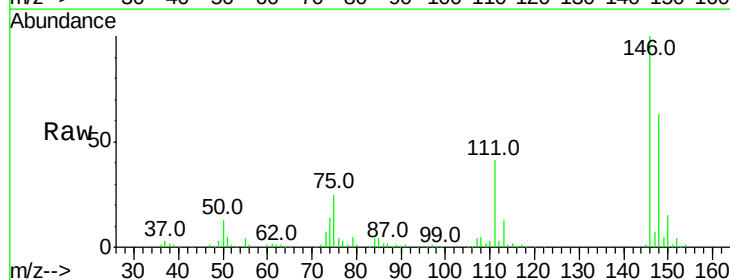
Tgt Ion:146 Resp: 166549

Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

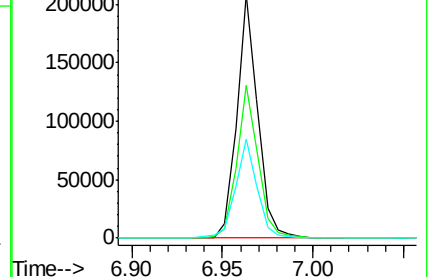
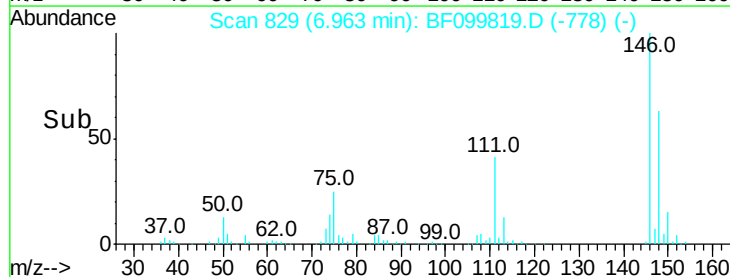
111 40.9 36.0 54.0

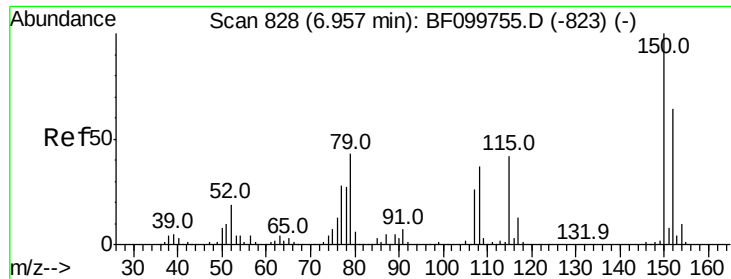


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

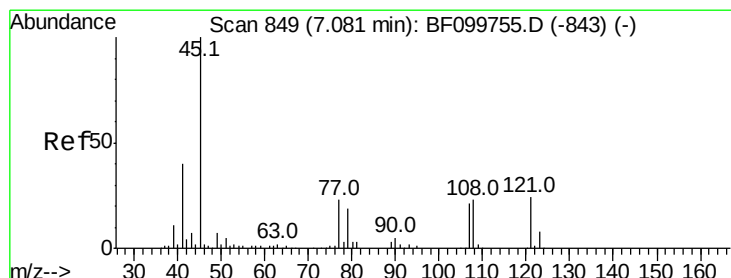
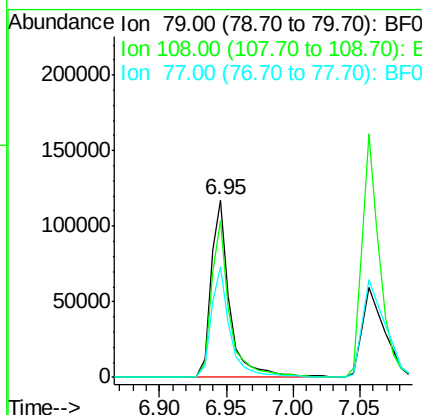
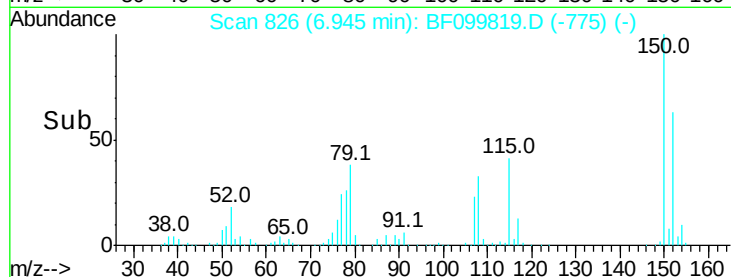
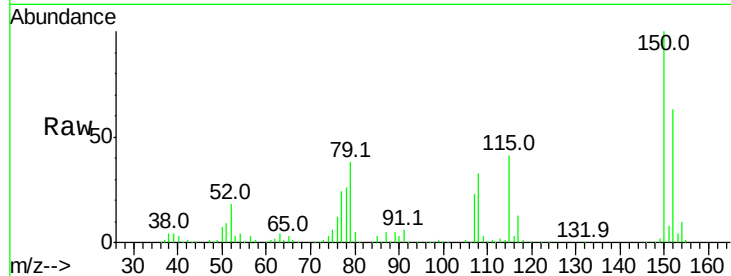




#15
Benzvl Alcohol
Concen: 32.033 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

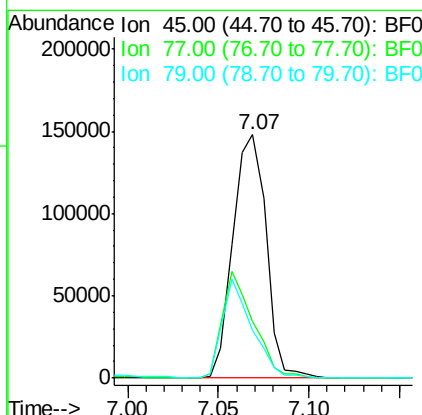
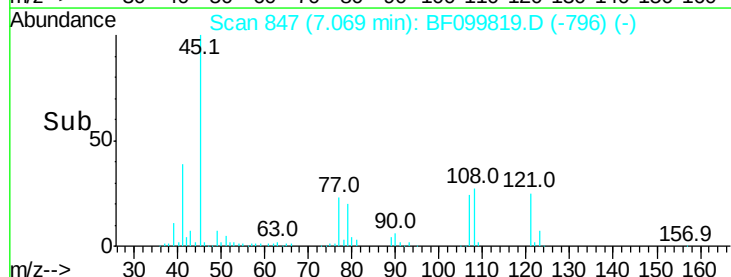
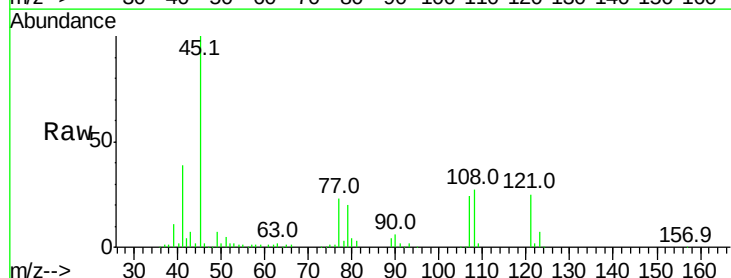
Instrument :
BNA_F
ClientSampleId :
PB103597BS

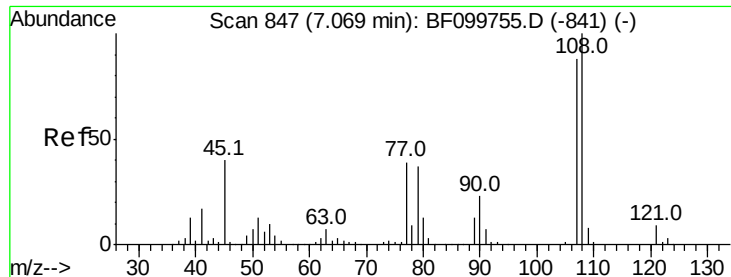
Tot Ion: 79 Resp: 114440
Ion Ratio Lower Upper
79 100
108 88.4 65.1 97.7
77 62.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.580 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion: 45 Resp: 188249
Ion Ratio Lower Upper
45 100
77 23.3 0.0 32.9
79 19.8 0.0 29.6

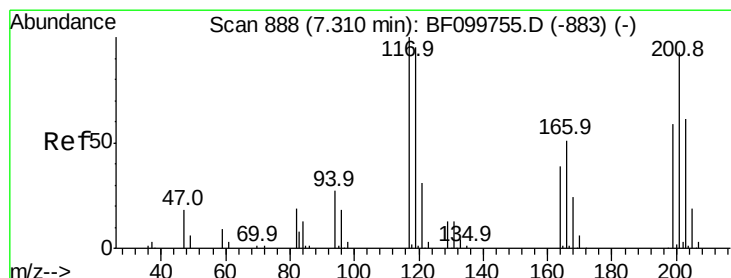
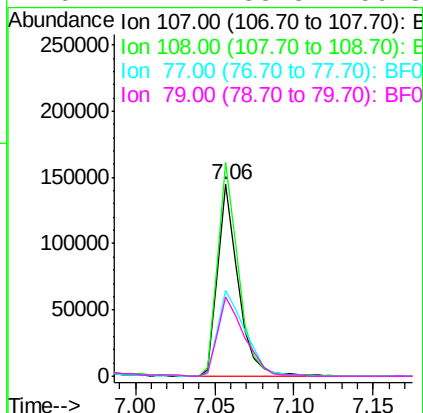
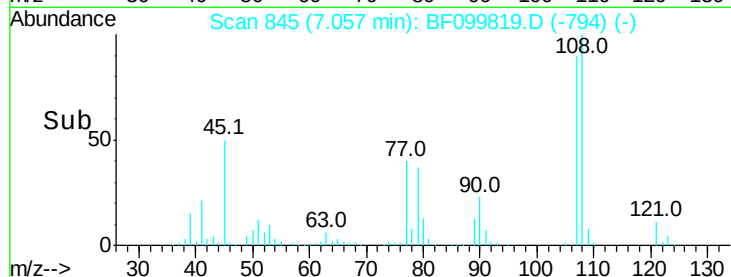
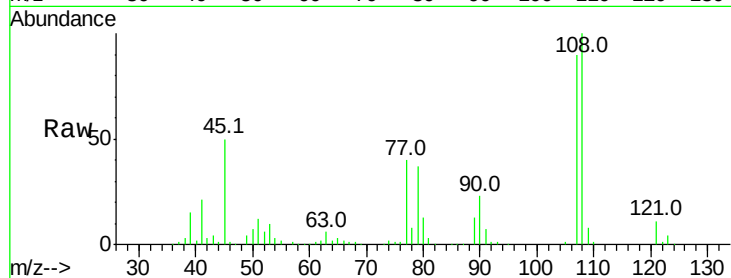




#17
2-Methylphenol
Concen: 30.895 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

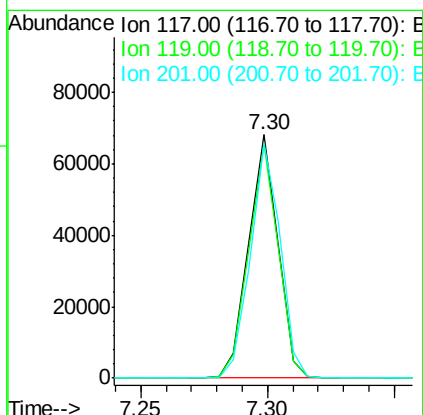
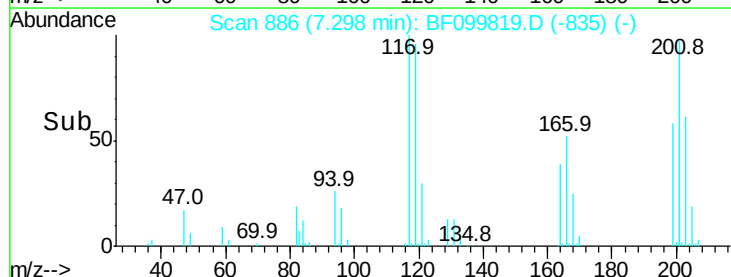
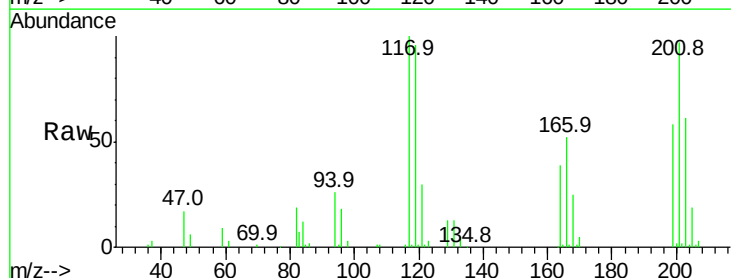
Instrument :
BNA_F
ClientSampleId :
PB103597BS

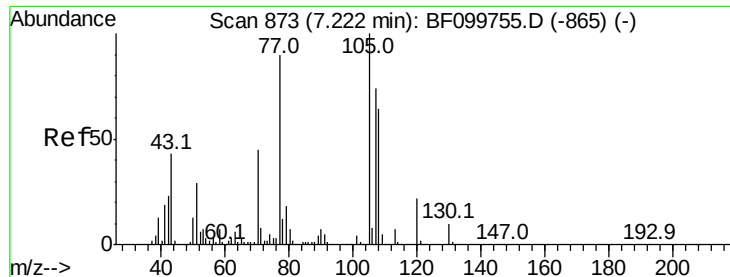
Tot Ion:	107	Resp:	130493
Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.7	137.5
77	44.6	33.8	50.8
79	41.4	33.8	50.8



#18
Hexachloroethane
Concen: 28.801 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion:	117	Resp:	55290
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	96.6	75.7	113.5

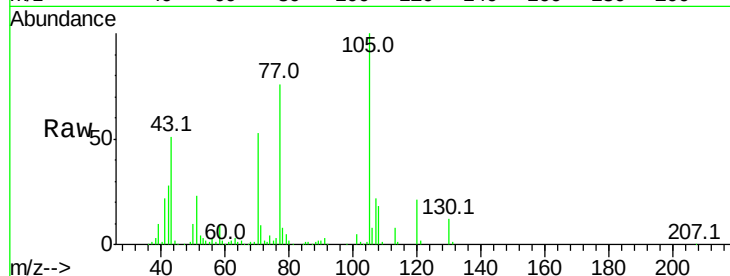




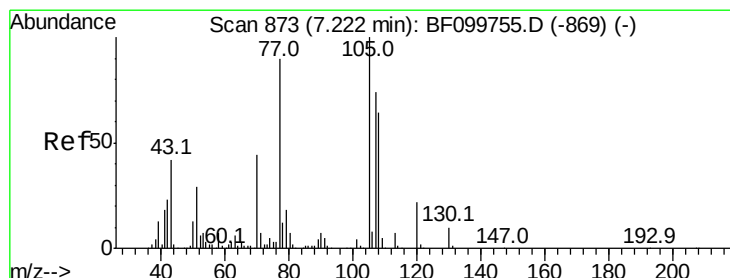
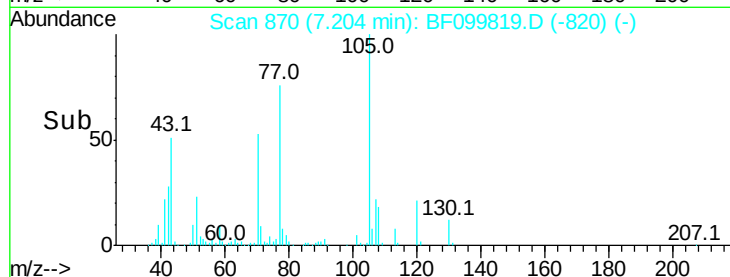
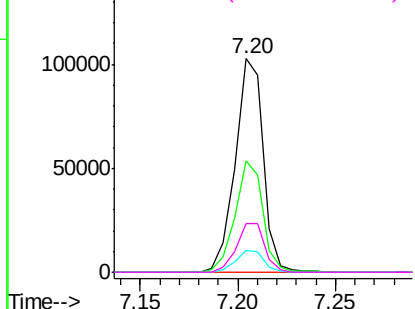
#19
n-Nitroso-di-n-propylamine
Concen: 30.937 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Instrument :
BNA_F
ClientSampleId :
PB103597BS

Tot Ion: 70 Resp: 101848
Ion Ratio Lower Upper
70 100
42 52.4 47.5 71.3
101 10.1 7.4 11.2
130 22.8 16.6 25.0



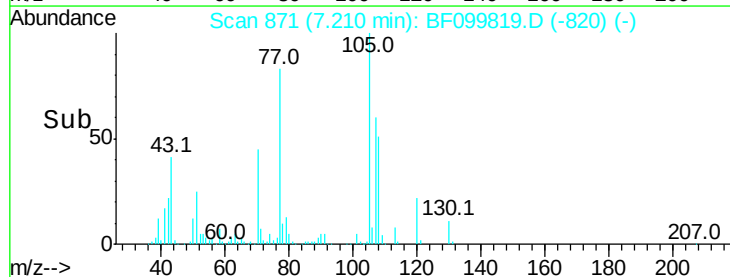
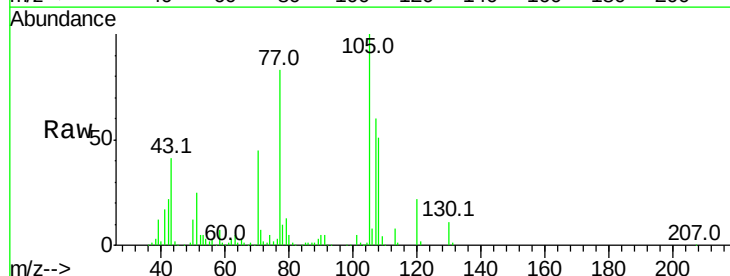
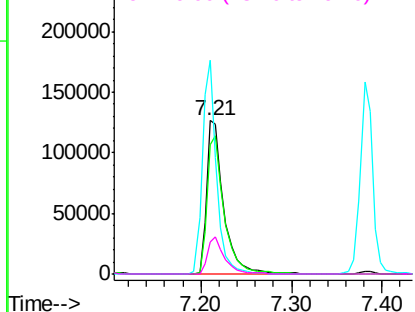
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

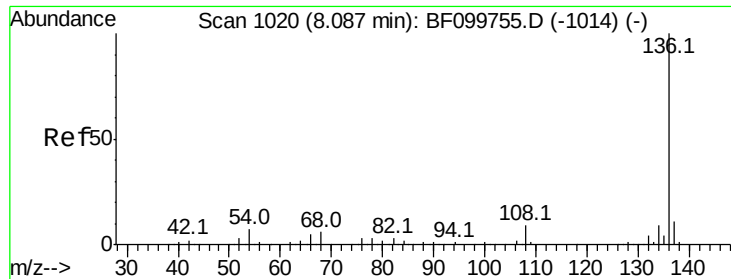


#20
3+4-Methylphenols
Concen: 34.001 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion: 107 Resp: 167218
Ion Ratio Lower Upper
107 100
108 84.4 68.2 108.2
77 139.4 26.7 66.7#
79 21.2 6.3 46.3

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

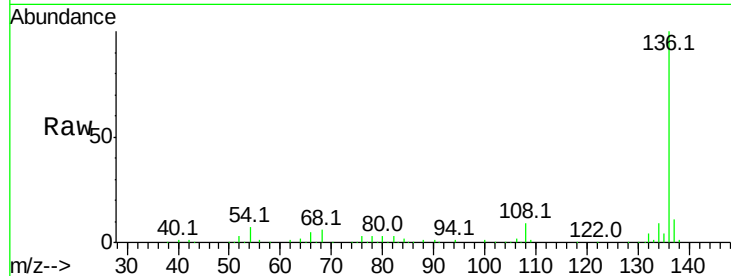




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Instrument :
BNA_F
ClientSampleId :
PB103597BS

Tot Ion:136	Resp:	304537	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.9	13.3	
54 7.2	6.6	9.8	
68 5.9	5.0	7.4	

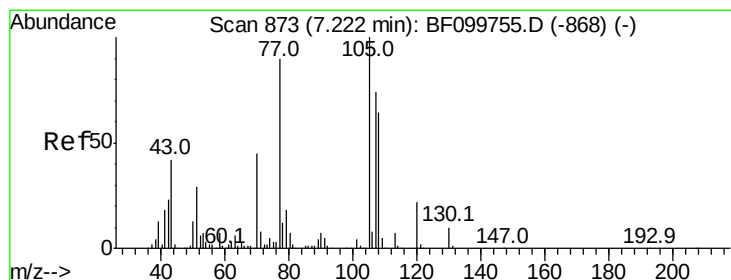
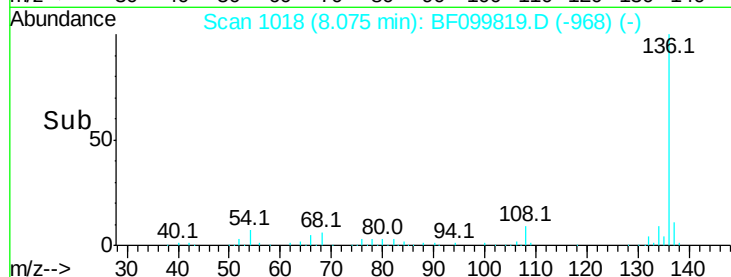
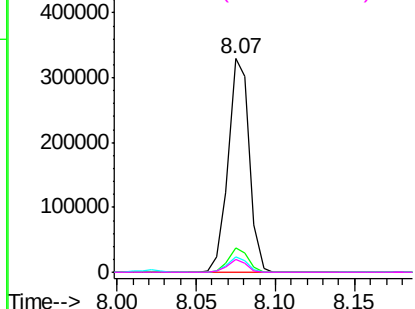


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

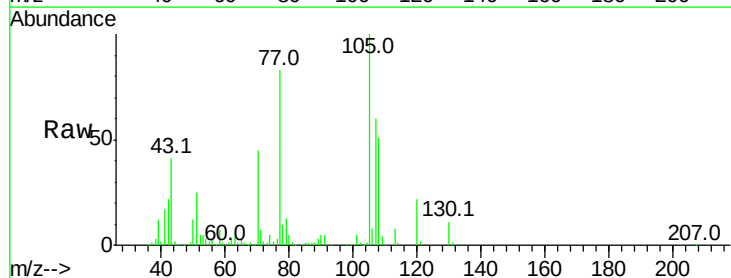
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 30.776 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt	Ion:105	Resp:	213402
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.4	6.6#
51	25.4	22.3	33.5
120	21.7	16.9	25.3

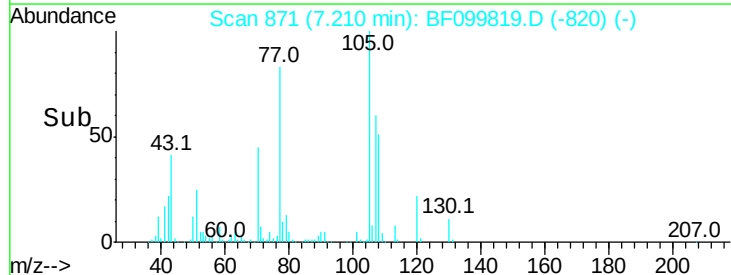
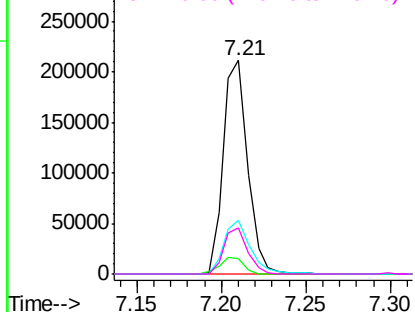


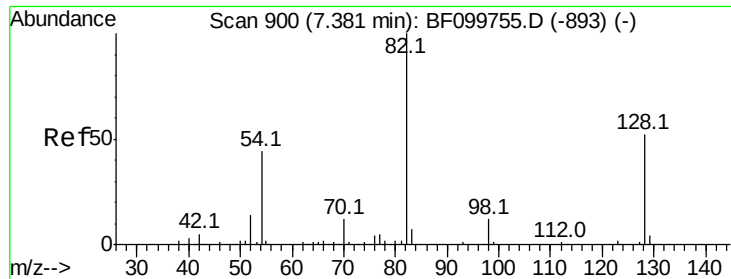
Abundance Ion 105.00 (104.70 to 105.70): E

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

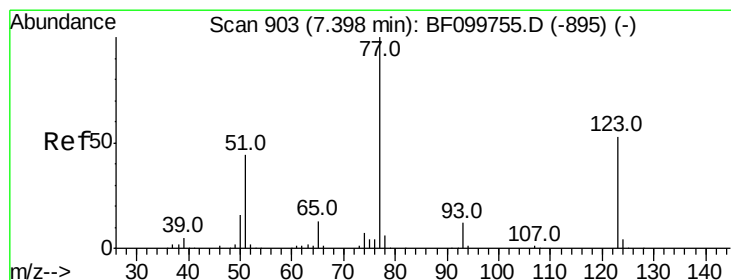
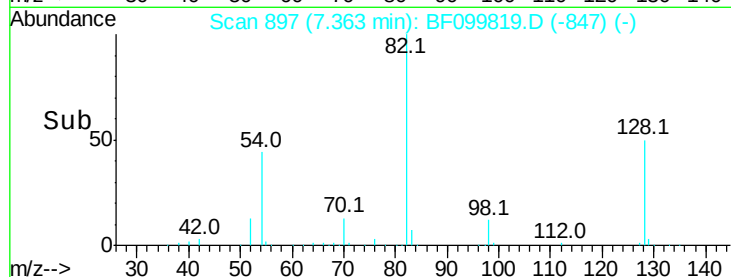
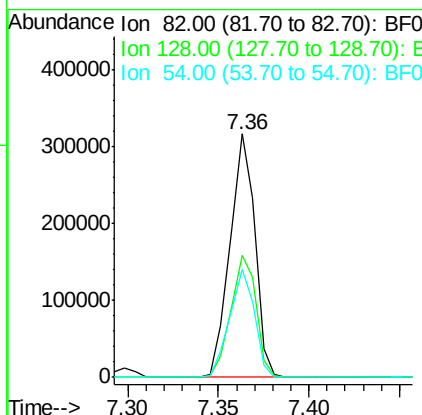
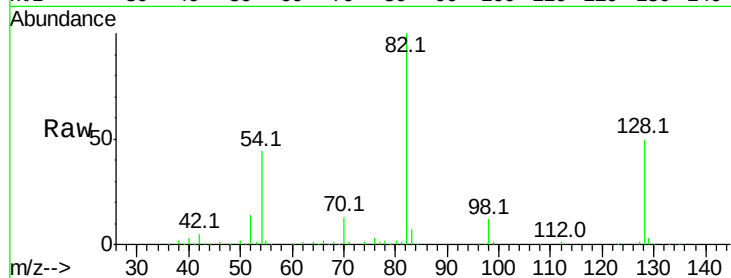




#23
 Nitrobenzene-d5
 Concen: 64.109 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

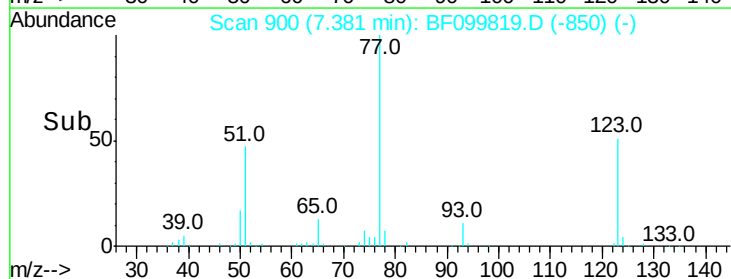
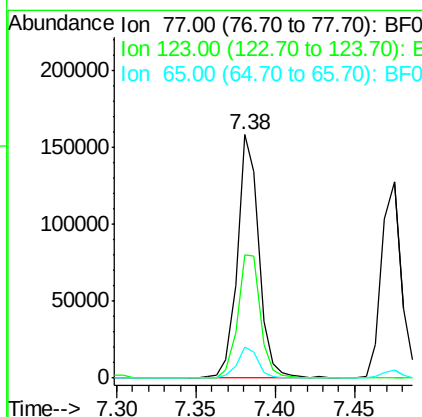
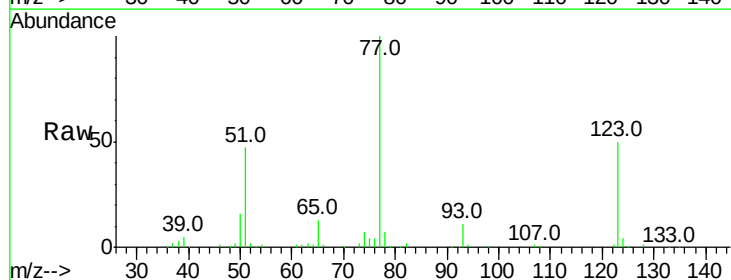
Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

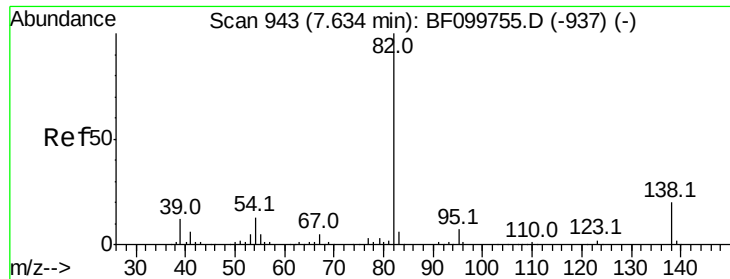
Tot Ion: 82 Resp: 303254
 Ion Ratio Lower Upper
 82 100
 128 50.3 36.1 54.1
 54 44.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 31.336 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion: 77 Resp: 149353
 Ion Ratio Lower Upper
 77 100
 123 50.5 37.9 56.9
 65 12.6 11.0 16.4





#25

Isophorone

Concen: 32.560 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

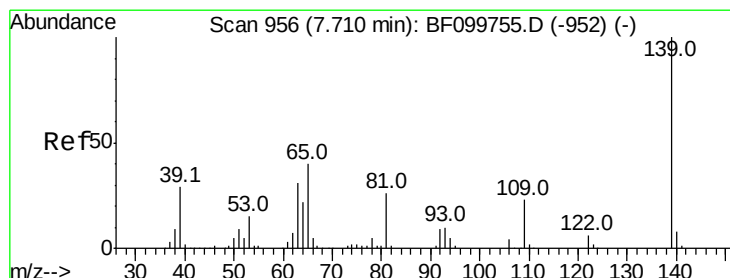
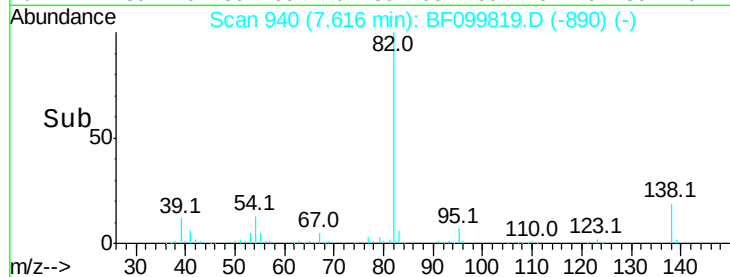
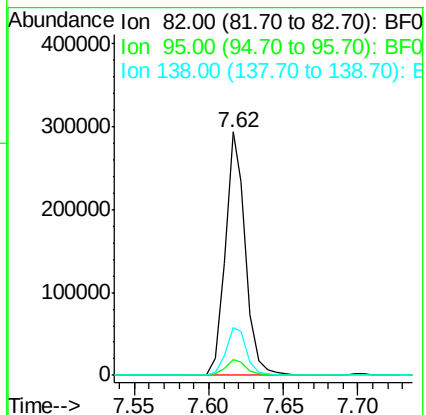
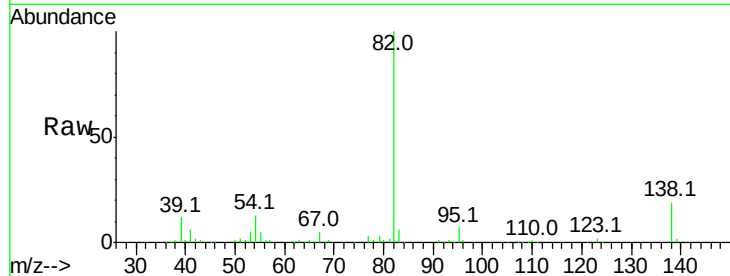
Tot Ion: 82 Resp: 279474

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 31.044 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

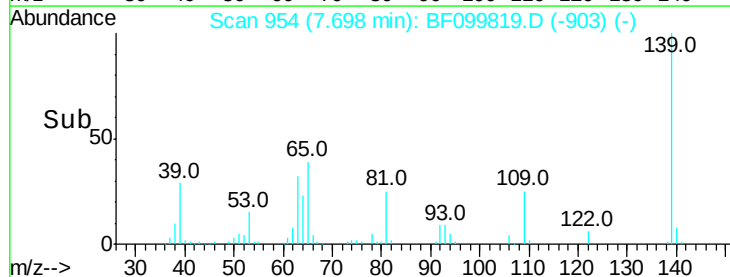
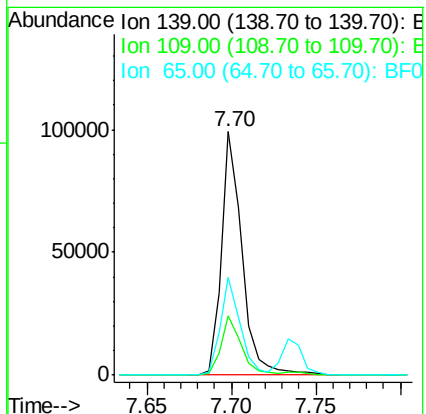
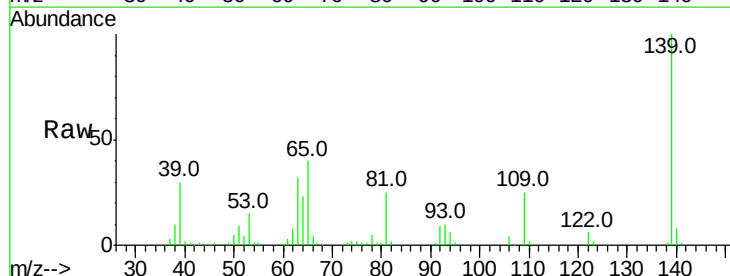
Tgt Ion: 139 Resp: 84746

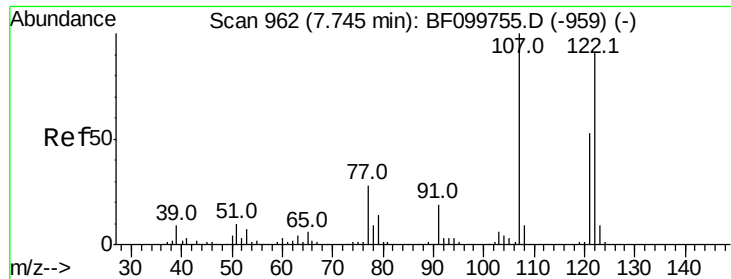
Ion Ratio Lower Upper

139 100

109 24.5 22.7 34.1

65 40.1 40.5 60.7#

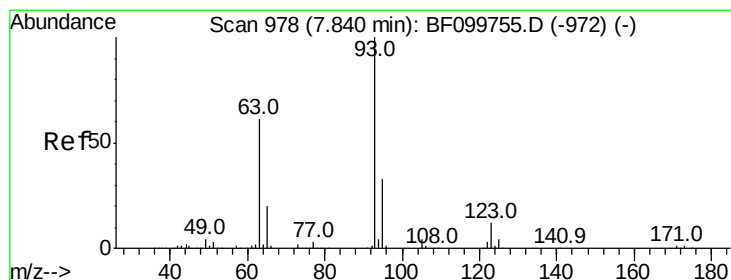
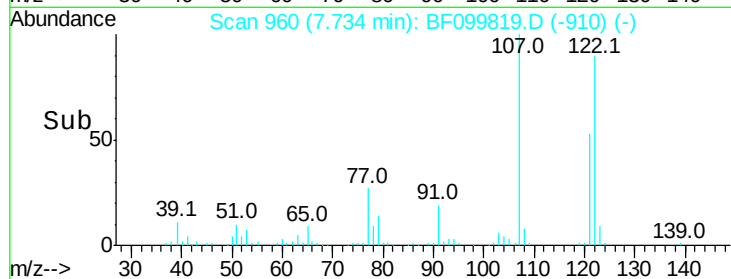
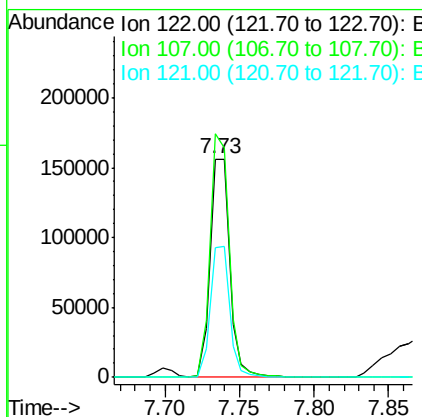
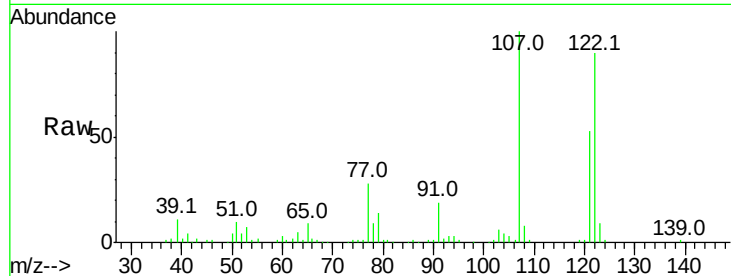




#27
2,4-Dimethylphenol
Concen: 35.689 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

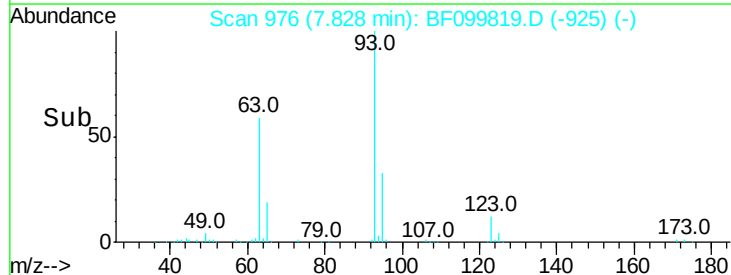
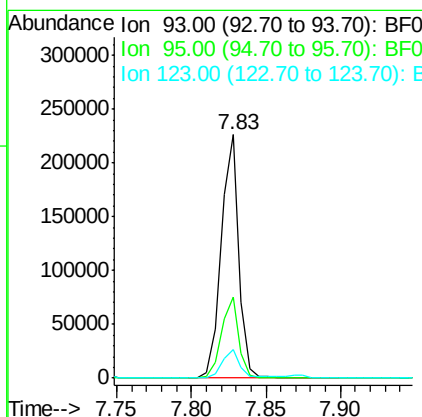
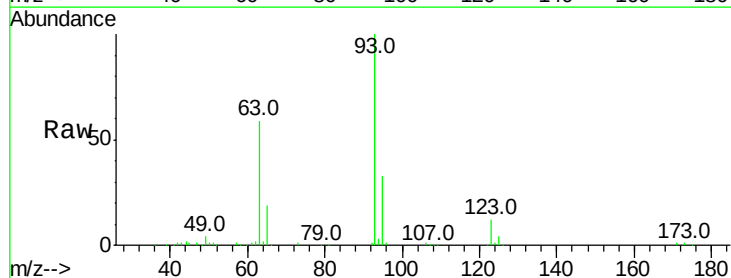
Instrument :
BNA_F
ClientSampleId :
PB103597BS

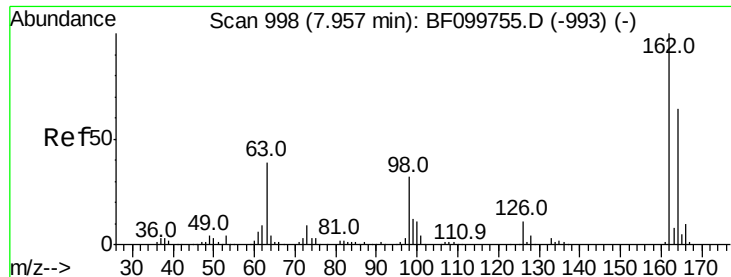
Tot Ion:122 Resp: 143546
Ion Ratio Lower Upper
122 100
107 111.4 91.2 136.8
121 59.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 31.255 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion: 93 Resp: 187884
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 11.8 9.8 14.6

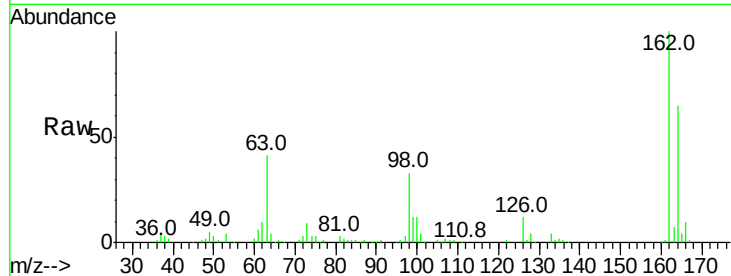




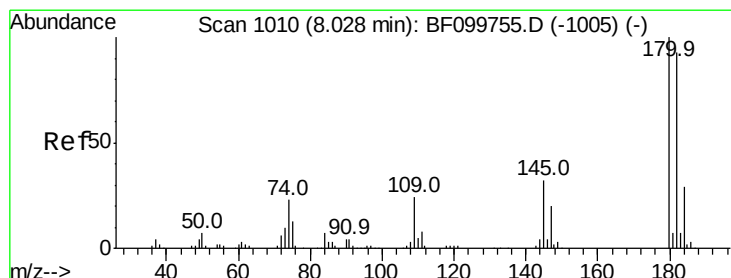
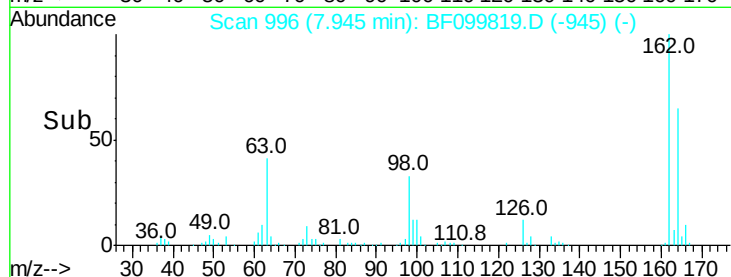
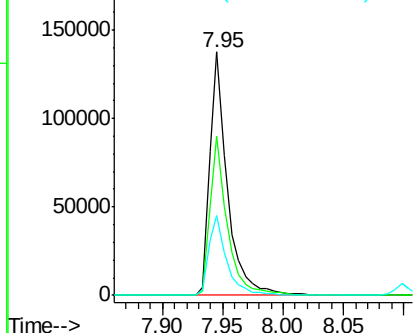
#29
 2,4-Dichlorophenol
 Concen: 32.791 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

Tot Ion:162 Resp: 137013
 Ion Ratio Lower Upper
 162 100
 164 65.2 42.7 82.7
 98 32.7 18.1 58.1

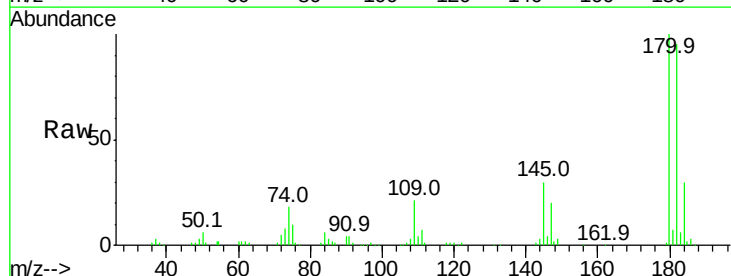


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

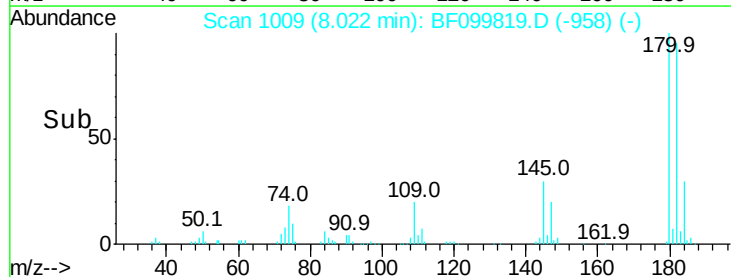
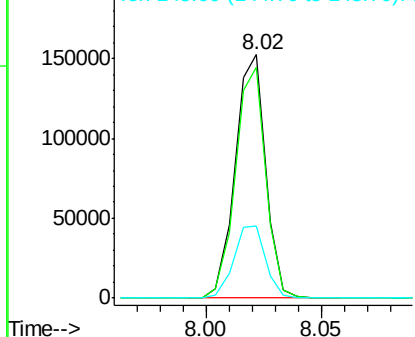


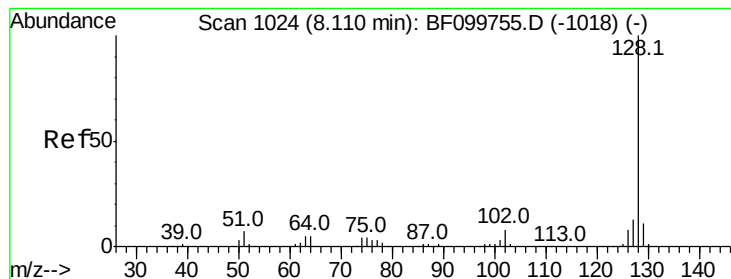
#30
 1,2,4-Trichlorobenzene
 Concen: 31.391 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion:180 Resp: 140142
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.8 115.2
 145 29.5 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.915 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

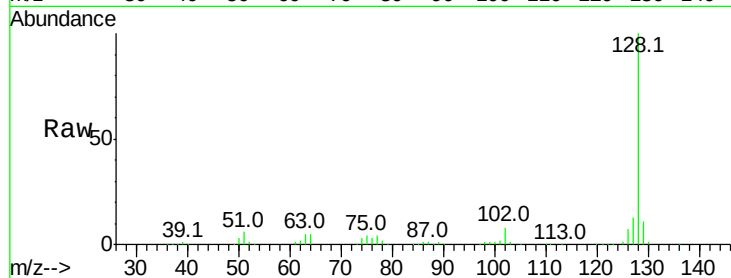
Tot Ion:128 Resp: 454452

Ion Ratio Lower Upper

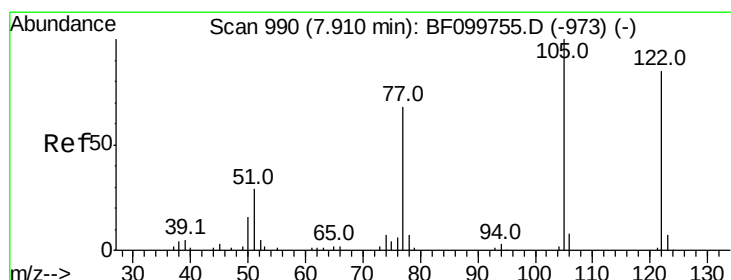
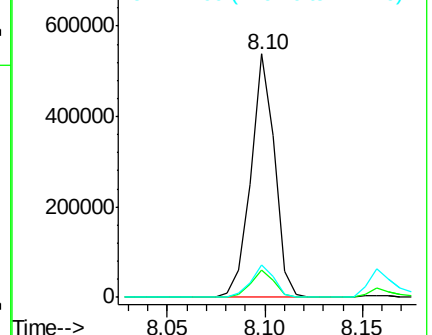
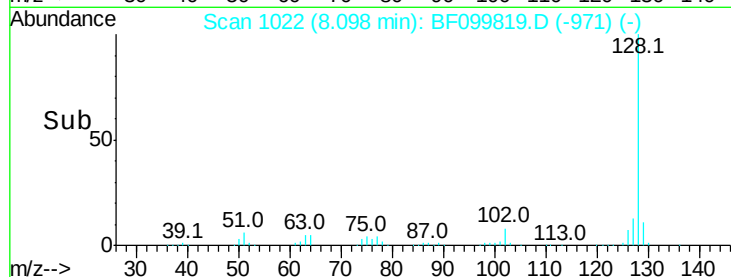
128 100

129 11.2 8.8 13.2

127 13.1 10.9 16.3



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



#32

Benzoic acid

Concen: 19.230 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

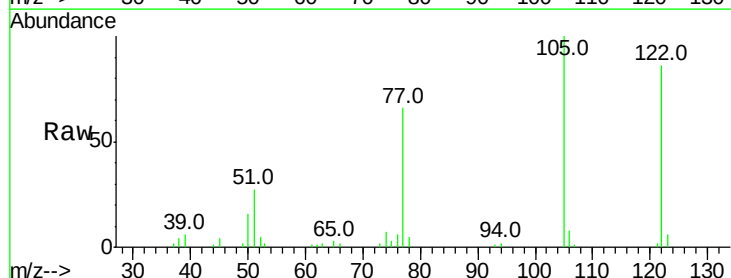
Tgt Ion:122 Resp: 68080

Ion Ratio Lower Upper

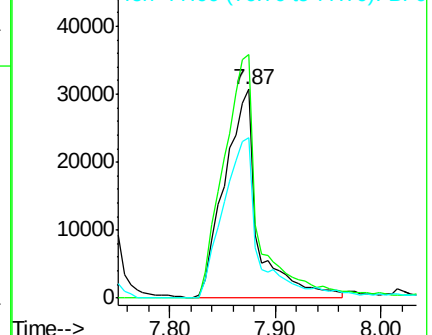
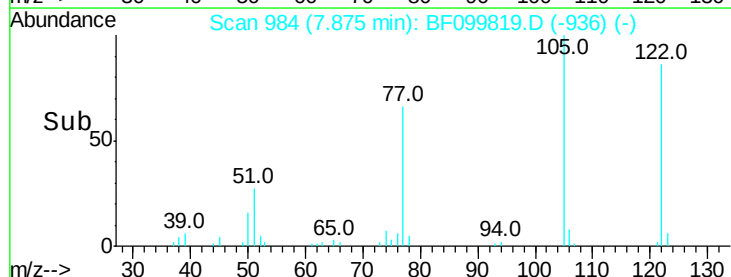
122 100

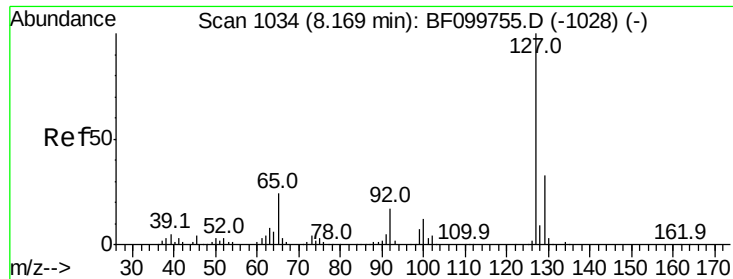
105 116.6 101.1 141.1

77 76.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

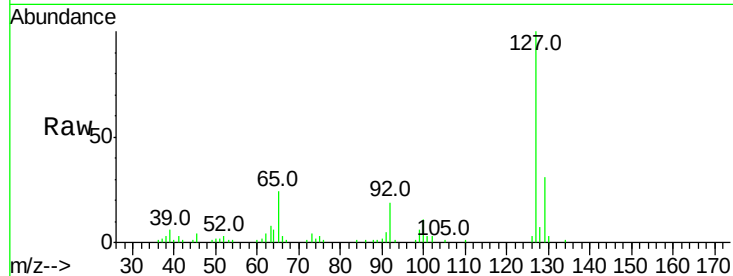




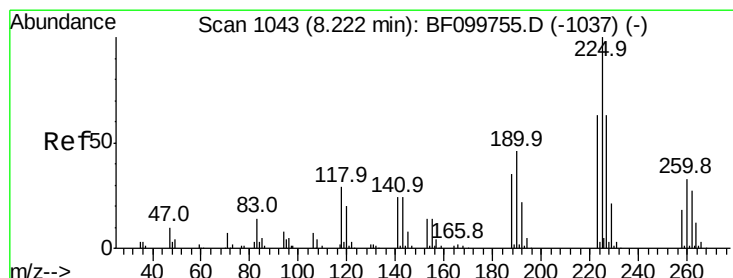
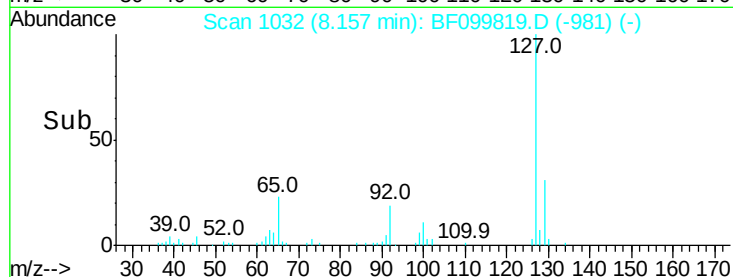
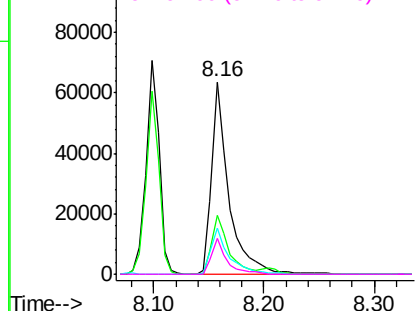
#33
4-Chloroaniline
Concen: 11.107 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Instrument :
BNA_F
ClientSampleId :
PB103597BS

Tot Ion:	127	Resp:	67419
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.9	38.9
65	23.8	25.0	37.4
92	18.5	15.2	22.8

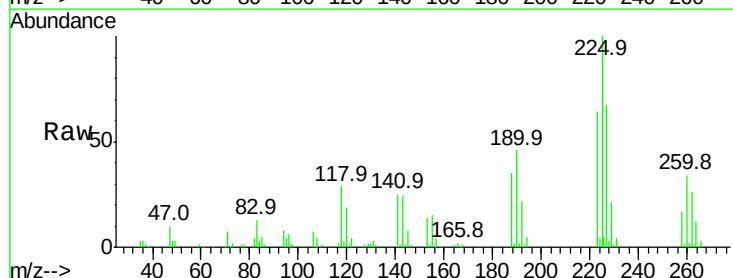


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

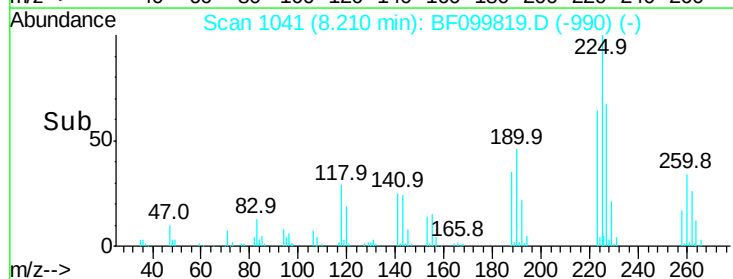
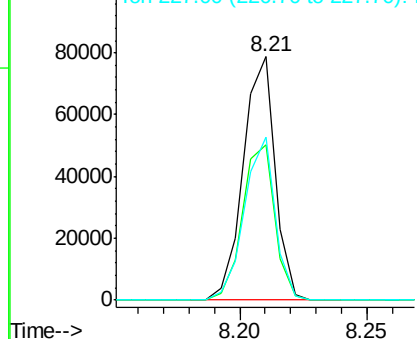


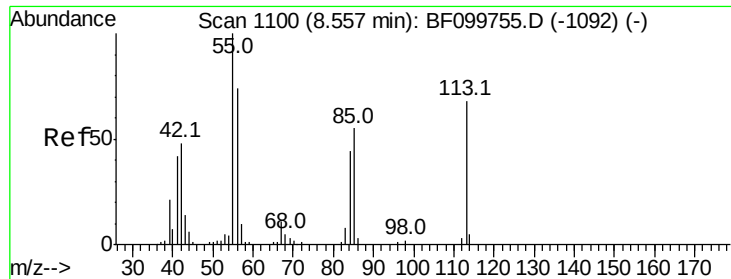
#34
Hexachlorobutadiene
Concen: 29.863 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion:	225	Resp:	68575
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	66.8	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: 31.708 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

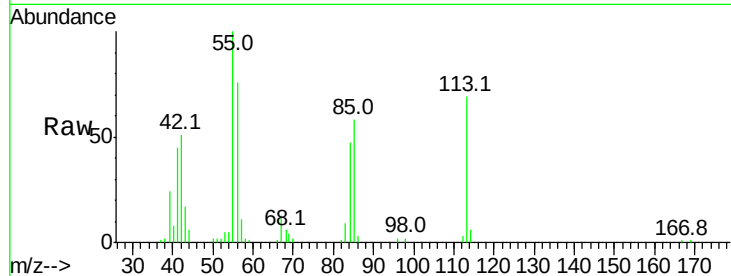
Tot Ion:113 Resp: 41664

Ion Ratio Lower Upper

113 100

55 145.8 163.3 203.3#

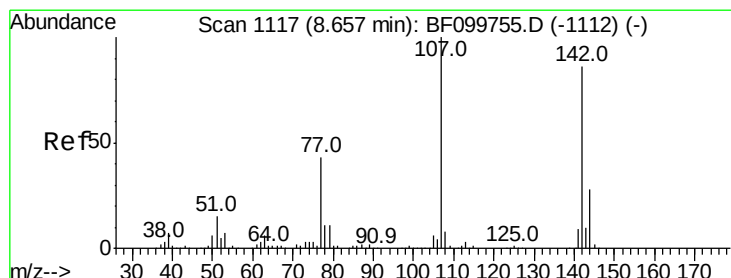
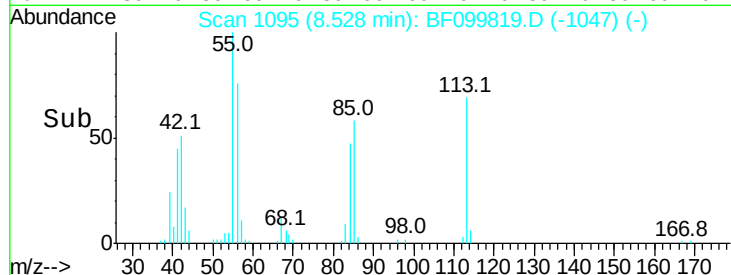
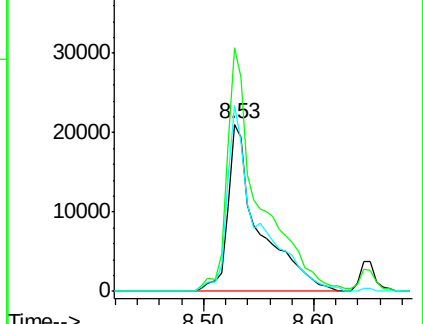
56 111.5 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 31.594 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

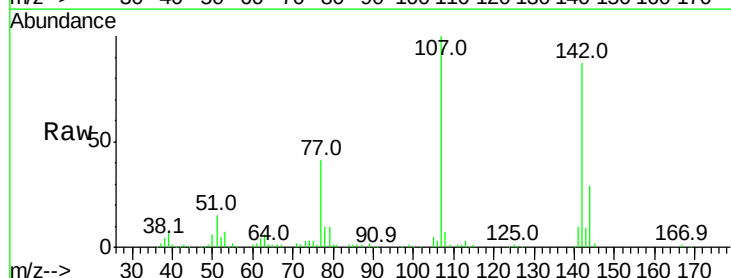
Tgt Ion:107 Resp: 134739

Ion Ratio Lower Upper

107 100

144 28.7 20.5 30.7

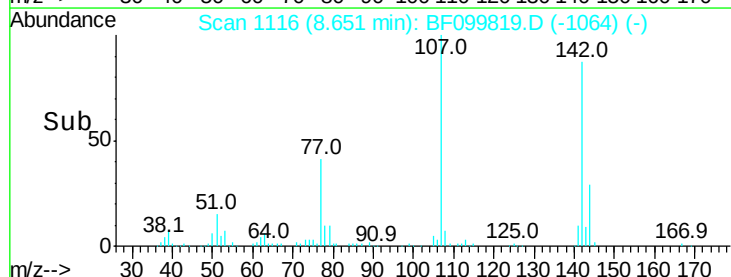
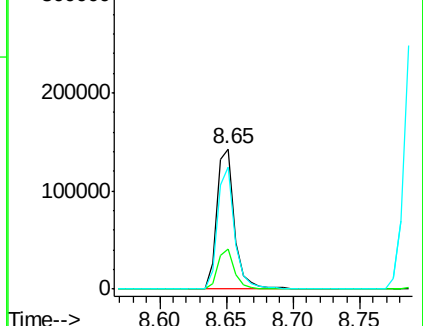
142 86.9 62.0 93.0

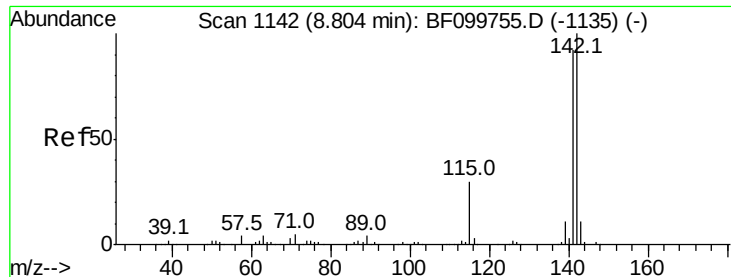


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

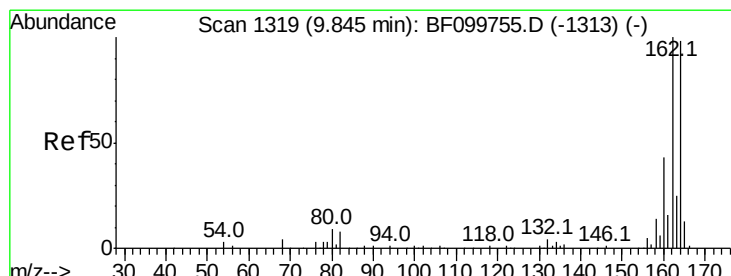
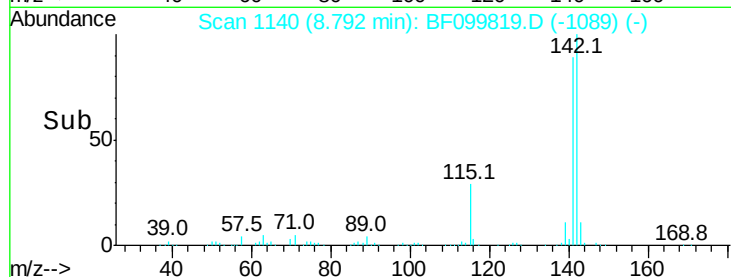
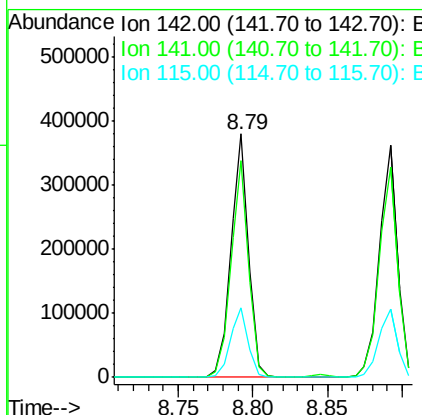
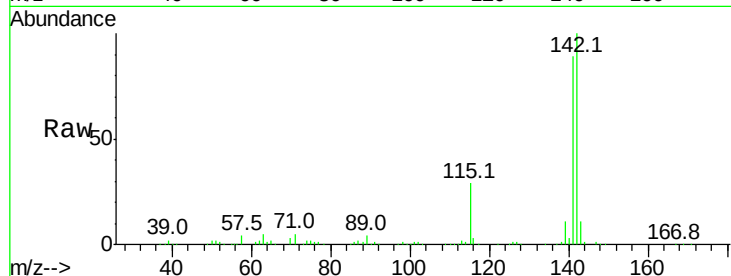




#37
 2-Methylnaphthalene
 Concen: 32.239 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

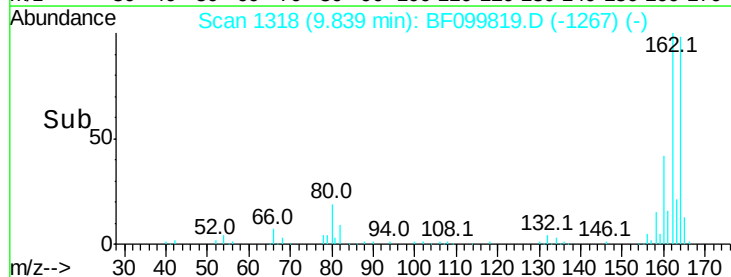
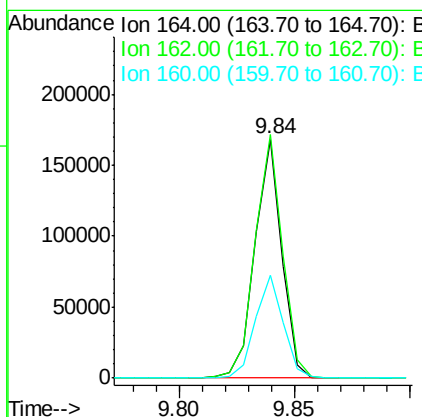
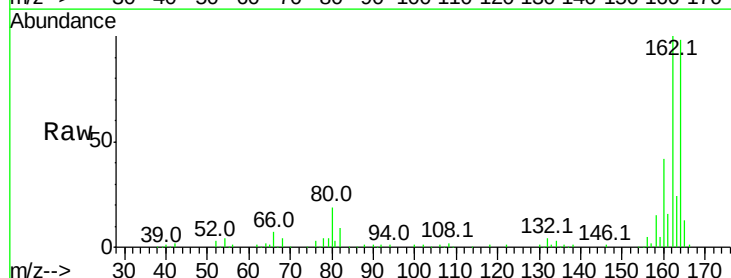
Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

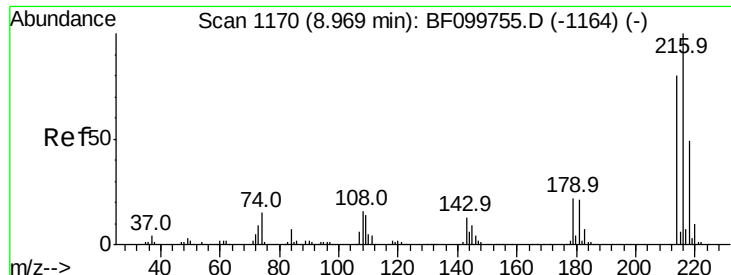
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	28.6	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	43.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.201 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

Tot Ion:216 Resp: 129094

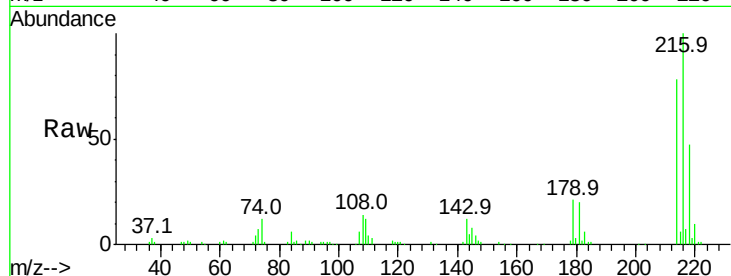
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 21.7 18.1 27.1

108 16.6 17.2 25.8#

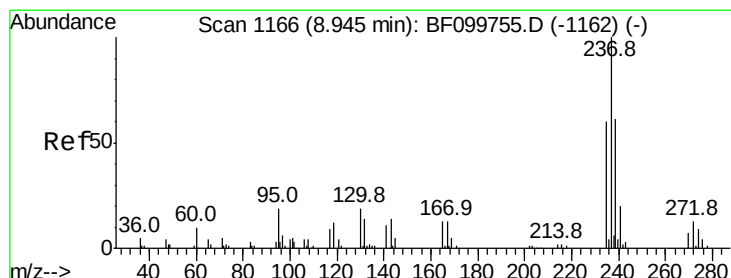
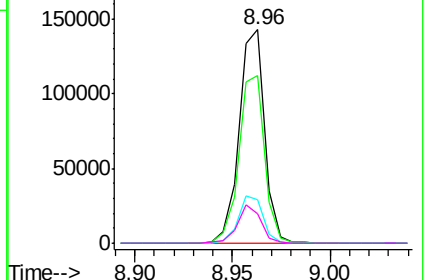
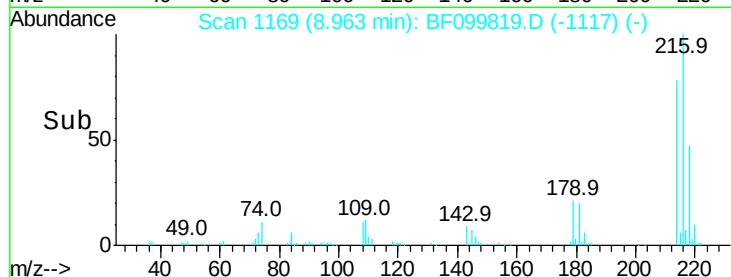


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.129 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

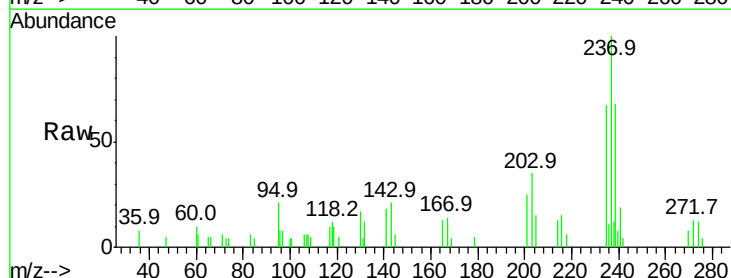
Tgt Ion:237 Resp: 5447

Ion Ratio Lower Upper

237 100

235 66.9 44.8 84.8

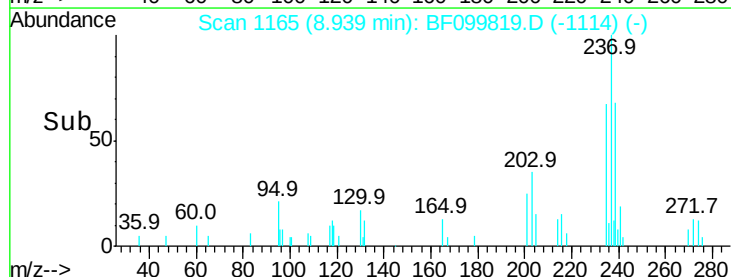
272 13.4 0.0 33.3



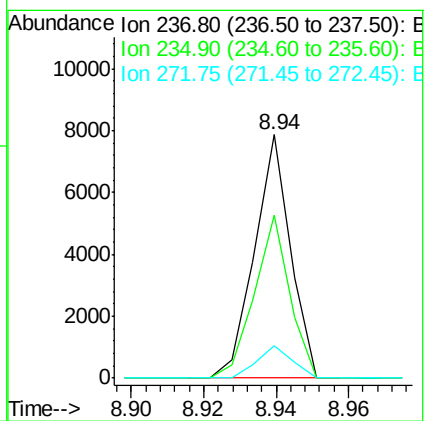
Abundance Ion 236.80 (236.50 to 237.50): E

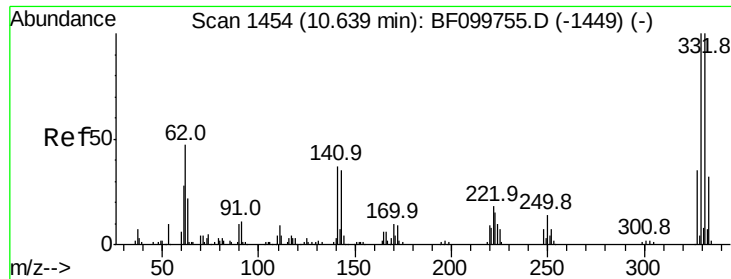
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 94.456 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

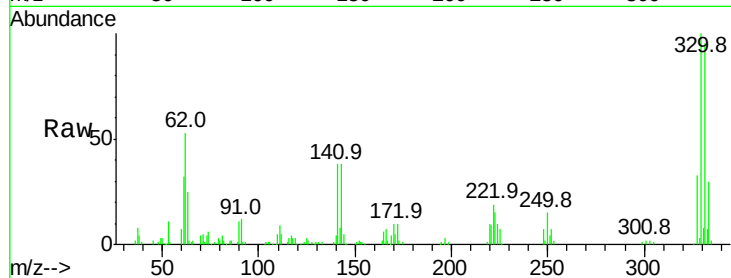
Tot Ion:330 Resp: 117826

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

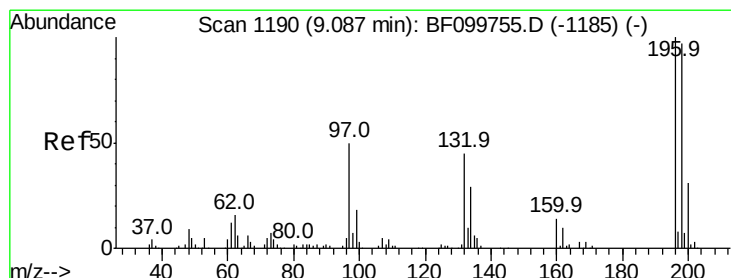
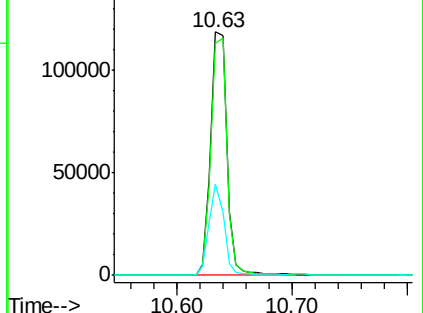
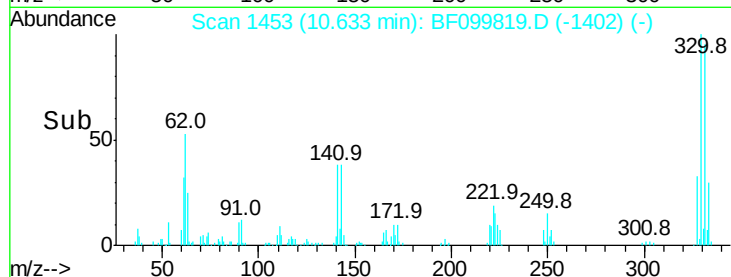
141 34.7 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 32.807 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

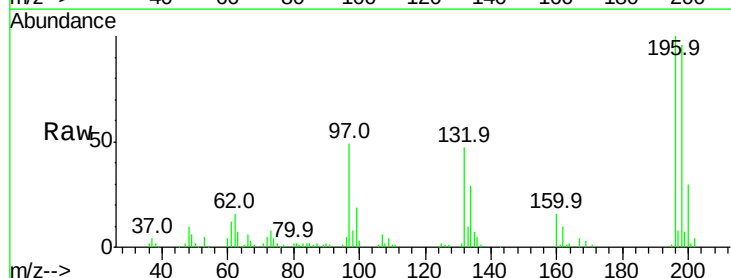
Tgt Ion:196 Resp: 87731

Ion Ratio Lower Upper

196 100

198 96.4 75.7 113.5

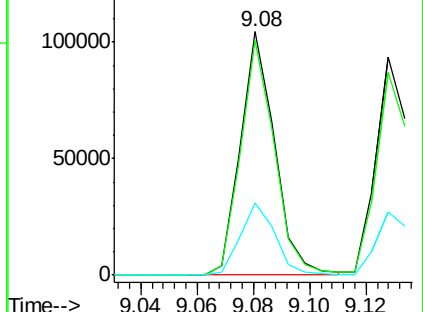
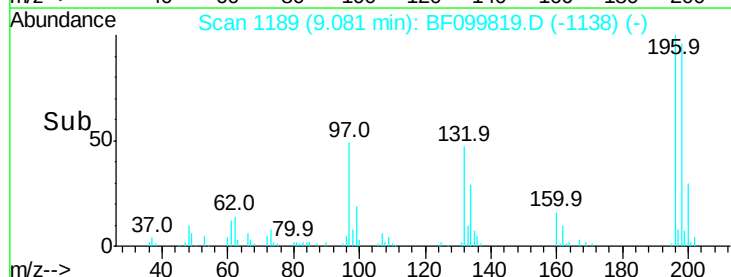
200 29.7 24.5 36.7

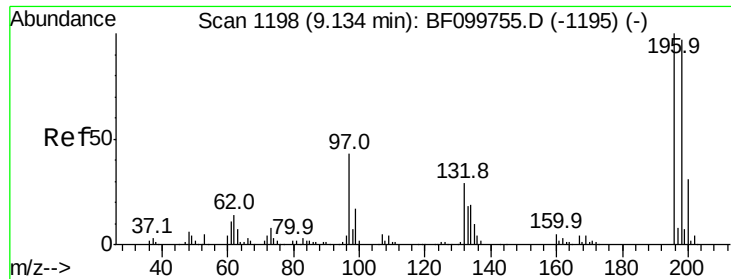


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

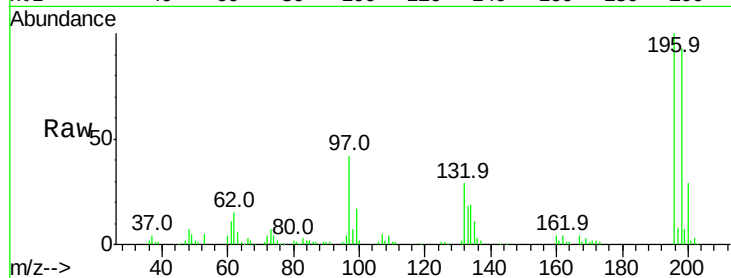




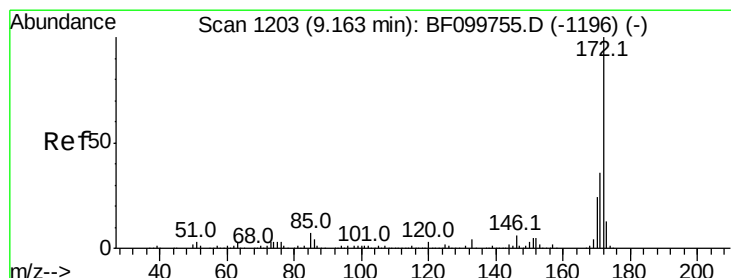
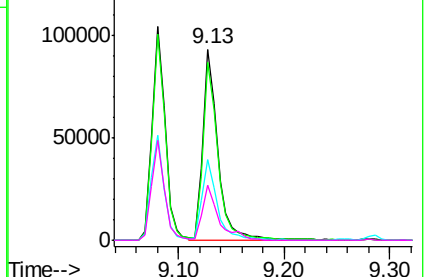
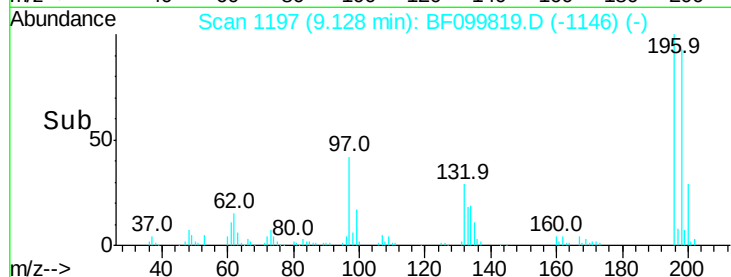
#43
 2,4,5-Trichlorophenol
 Concen: 32.533 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

Tot Ion:196 Resp: 92321
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.6 112.0
 97 42.5 42.9 64.3#
 132 28.9 26.3 39.5

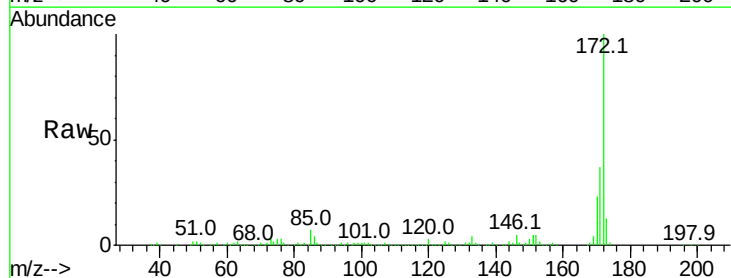


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

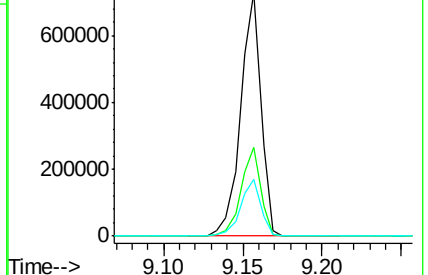
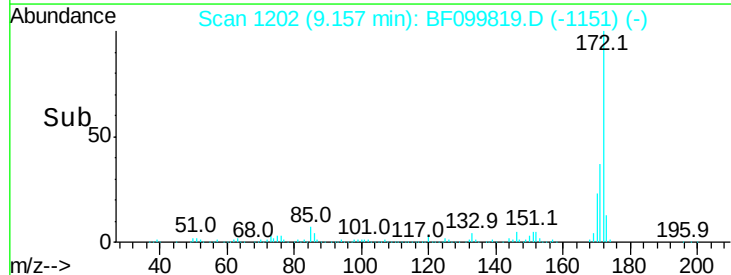


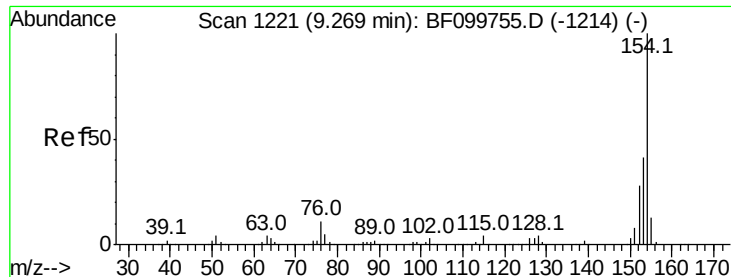
#44
 2-Fluorobiphenyl
 Concen: 72.568 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion:172 Resp: 643819
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.4 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

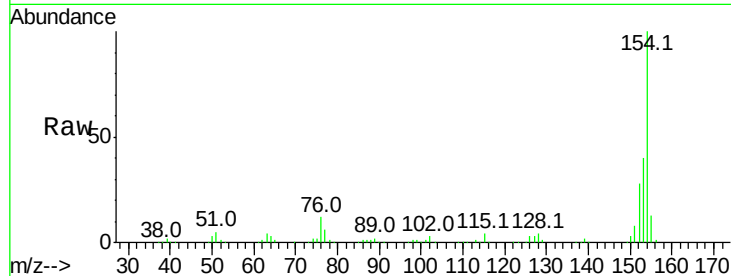




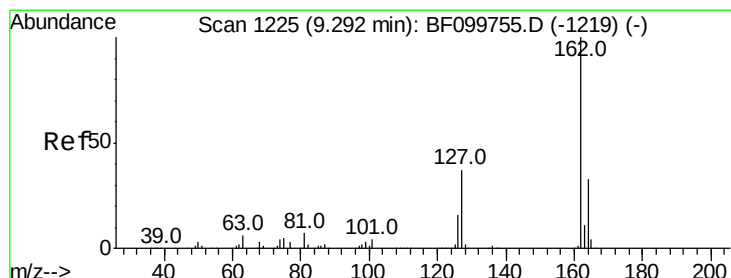
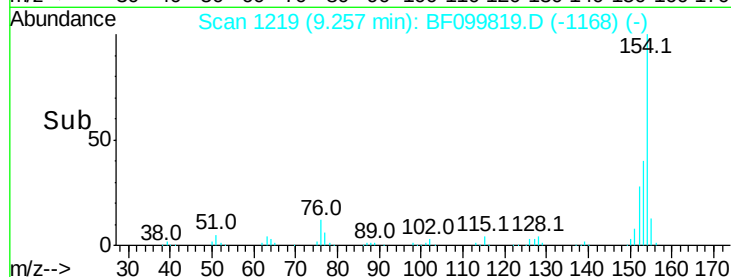
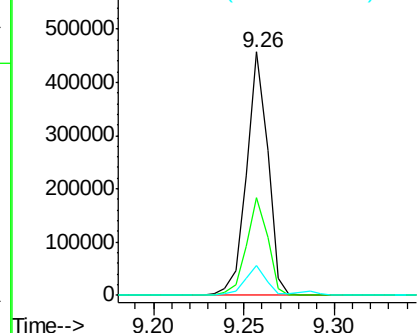
#45
 1,1'-Biphenyl
 Concen: 29.987 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

Tot Ion:154 Resp: 371317
 Ion Ratio Lower Upper
 154 100
 153 40.1 21.3 61.3
 76 12.3 0.0 34.0

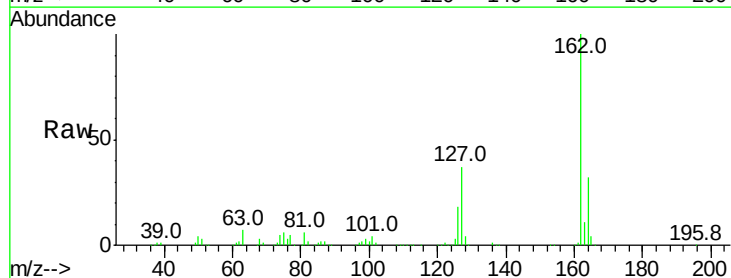


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

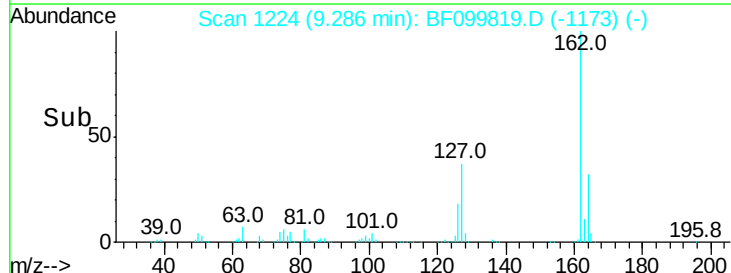
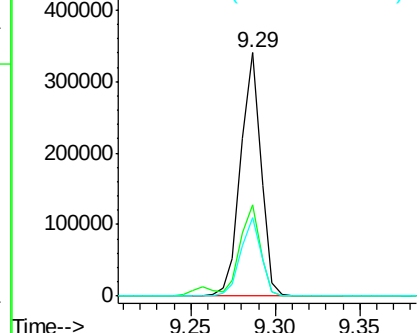


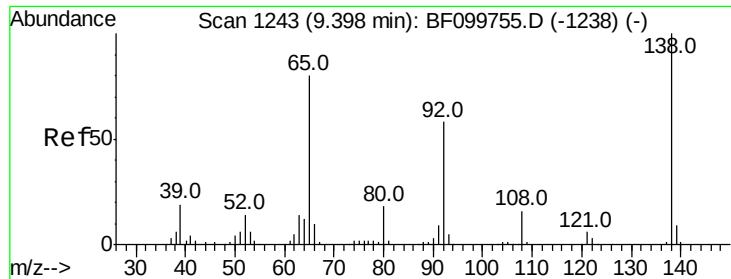
#46
 2-Chloronaphthalene
 Concen: 31.569 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion:162 Resp: 283898
 Ion Ratio Lower Upper
 162 100
 127 37.4 33.9 50.9
 164 32.3 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

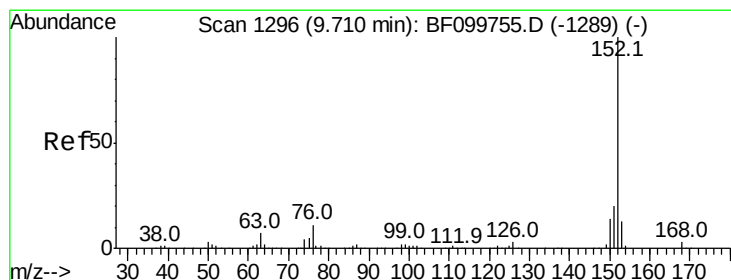
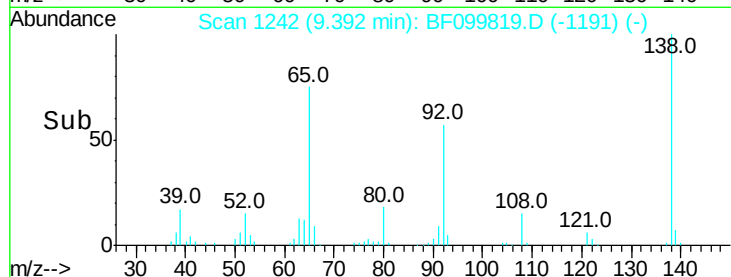
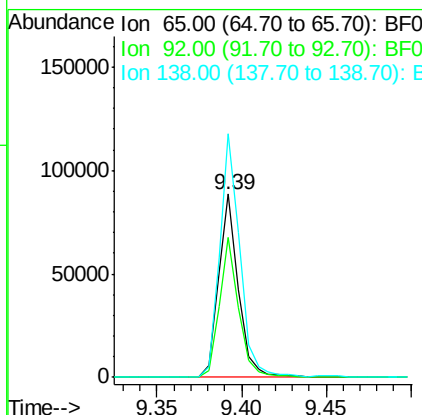
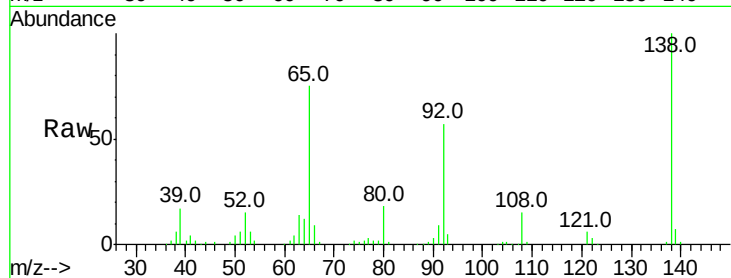




#47
 2-Nitroaniline
 Concen: 30.780 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

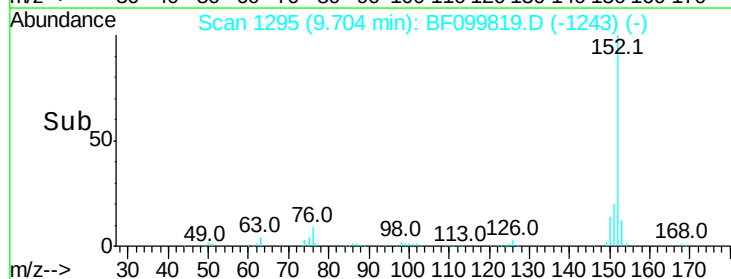
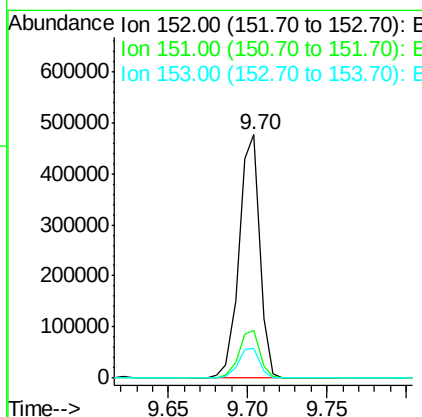
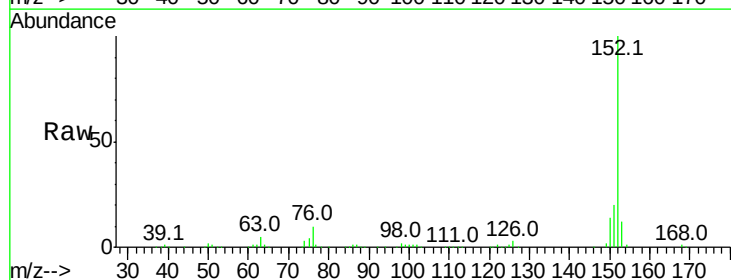
Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

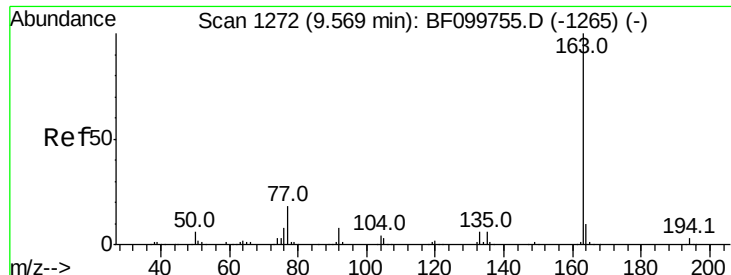
Tot Ion: 65 Resp: 72649
 Ion Ratio Lower Upper
 65 100
 92 76.2 55.8 83.6
 138 132.8 91.2 136.8



#48
 Acenaphthylene
 Concen: 31.020 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion: 152 Resp: 429657
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.3 24.5
 153 12.0 10.7 16.1

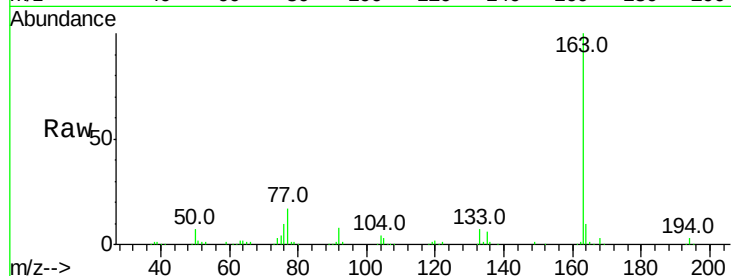




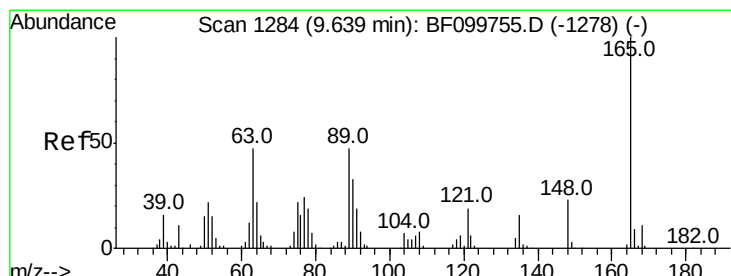
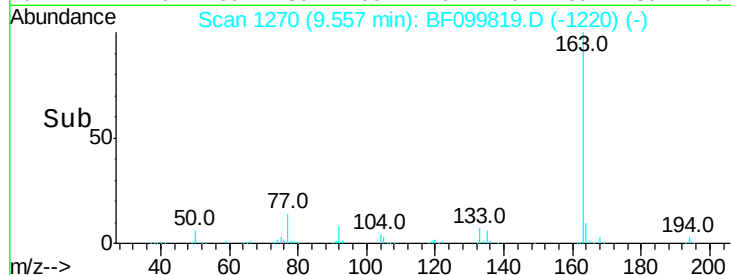
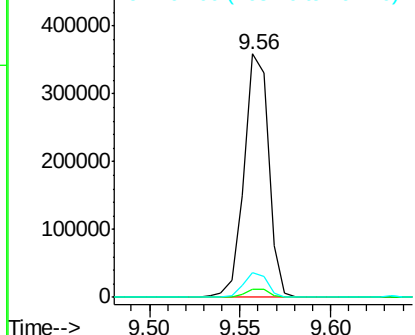
#49
Dimethylphthalate
Concen: 31.203 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Instrument :
BNA_F
ClientSampleId :
PB103597BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2

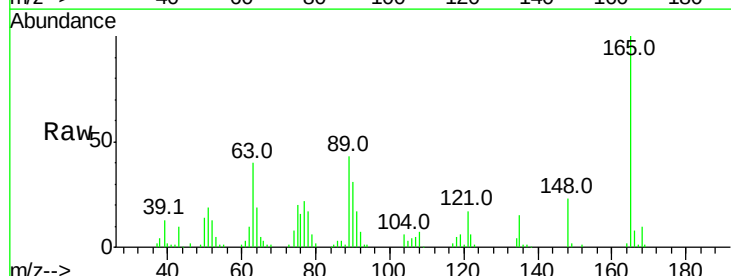


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

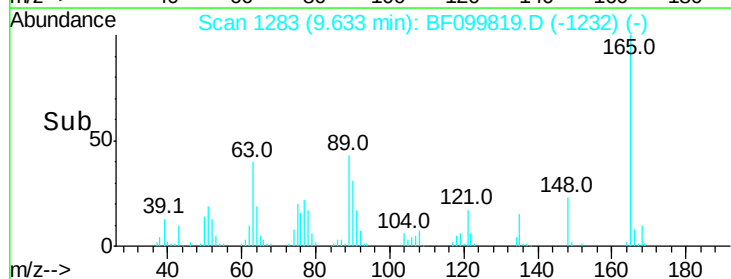
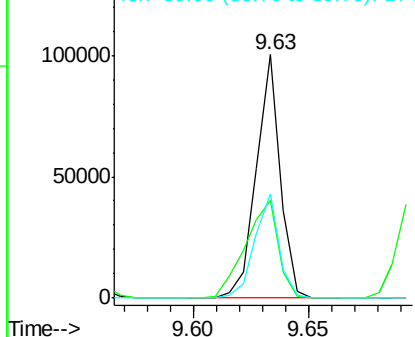


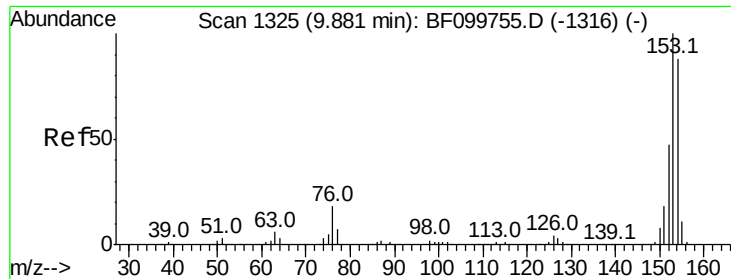
#50
2,6-Dinitrotoluene
Concen: 31.915 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.2	44.7	67.1#
89	42.6	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: 29.774 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

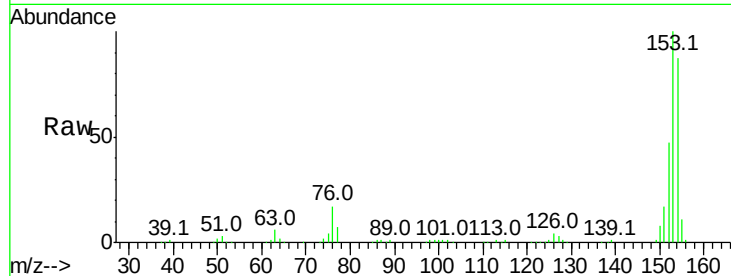
Tot Ion:154 Resp: 251985

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

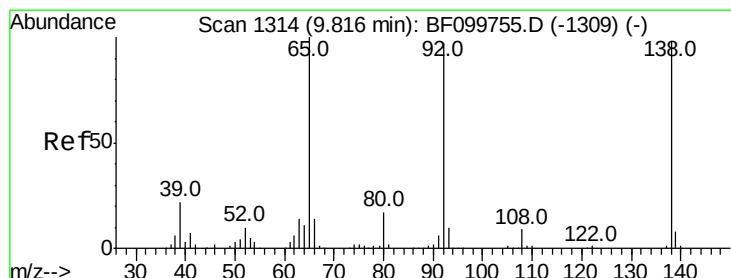
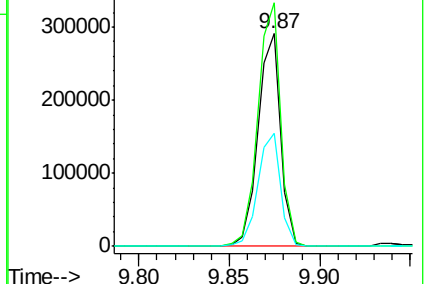
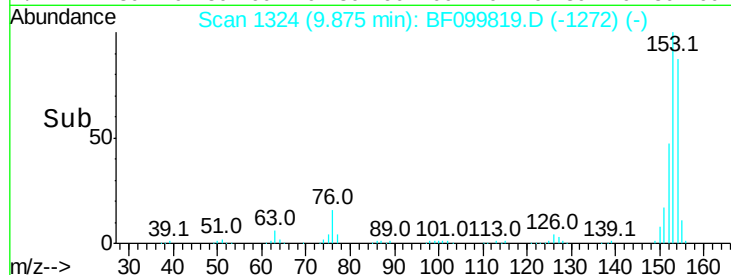
152 53.2 43.8 65.8



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: 19.583 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

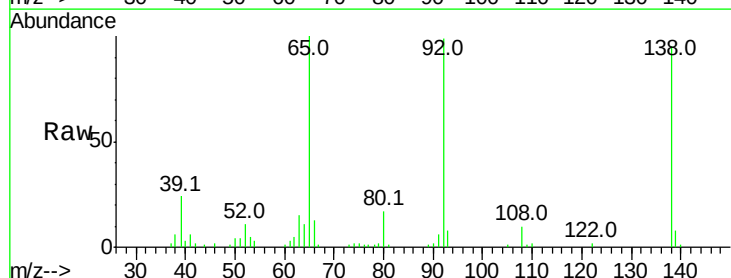
Tgt Ion:138 Resp: 52582

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

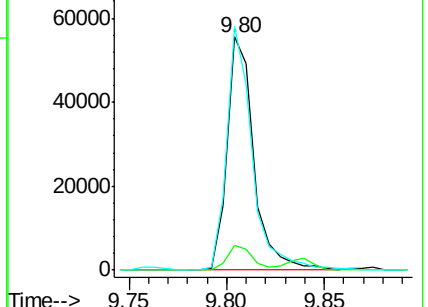
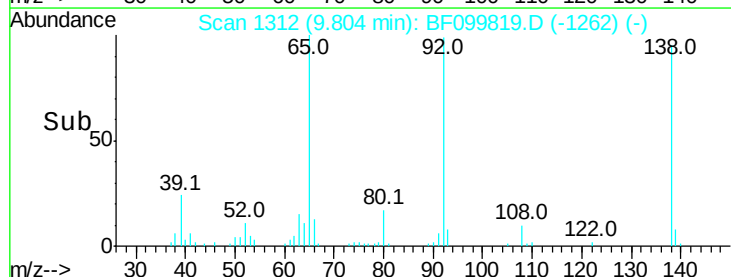
92 104.6 89.4 134.2

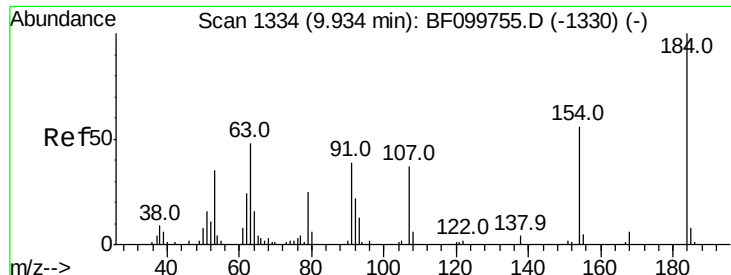


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

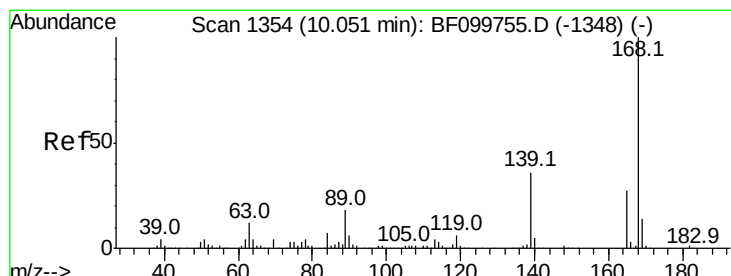
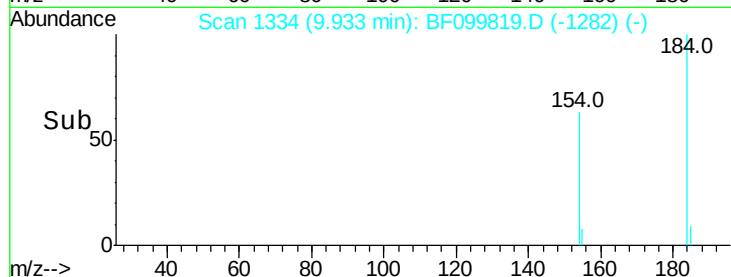
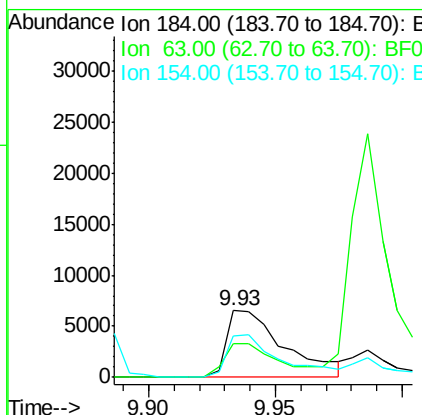
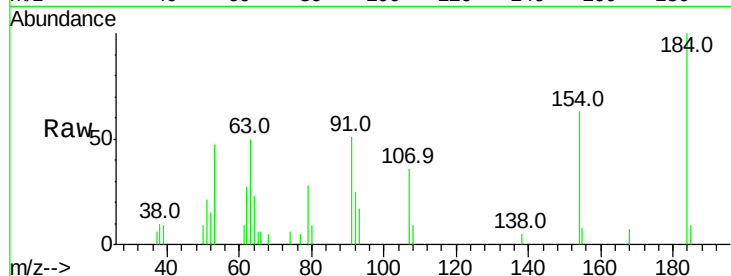




#53
 2,4-Dinitrophenol
 Concen: 16.487 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

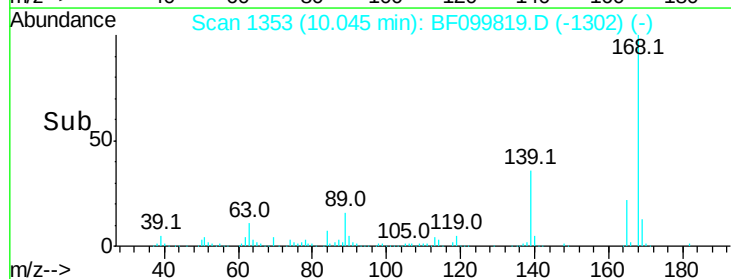
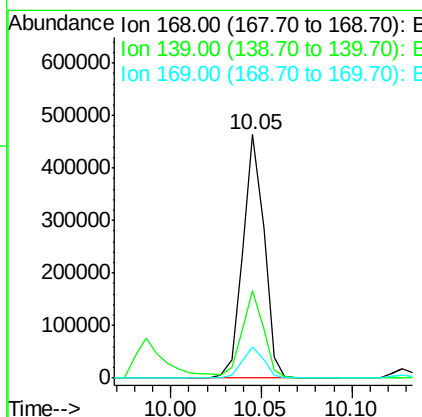
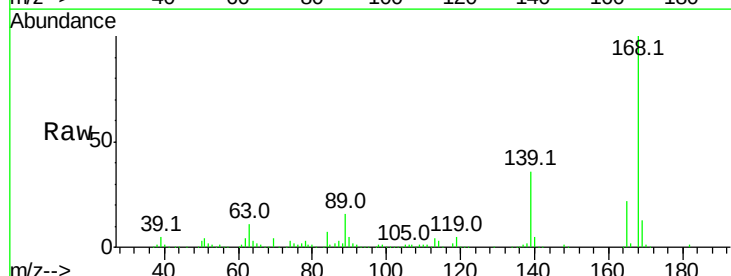
Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

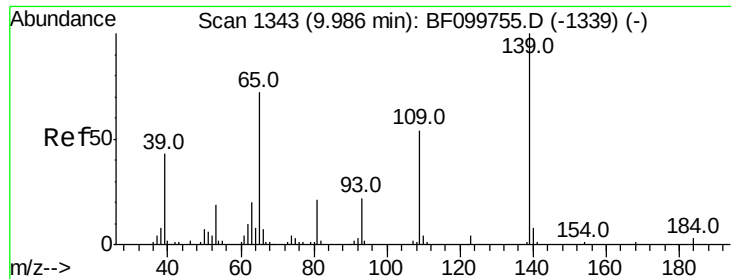
Tot Ion:184 Resp: 10399
 Ion Ratio Lower Upper
 184 100
 63 50.1 54.2 81.2#
 154 62.5 53.5 80.3



#54
 Dibenzofuran
 Concen: 31.507 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion:168 Resp: 376396
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.1 45.1
 169 13.0 10.9 16.3

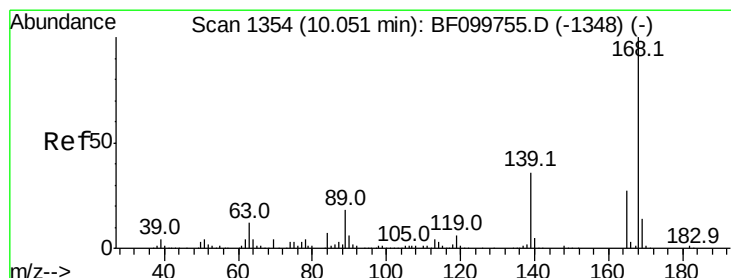
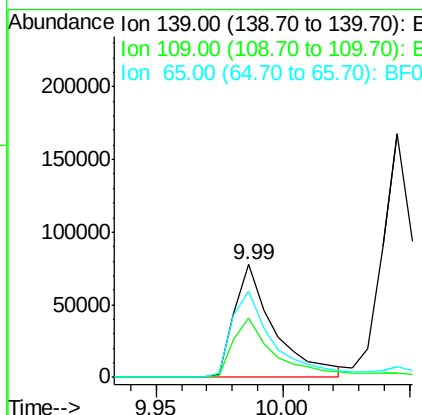
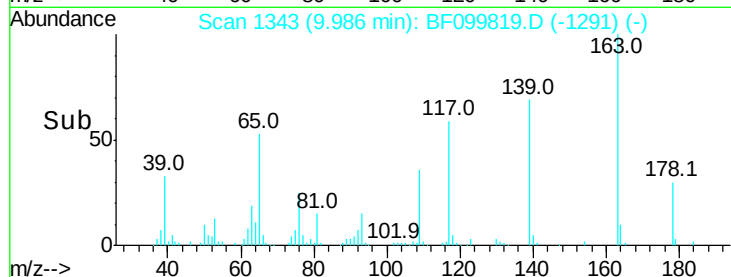
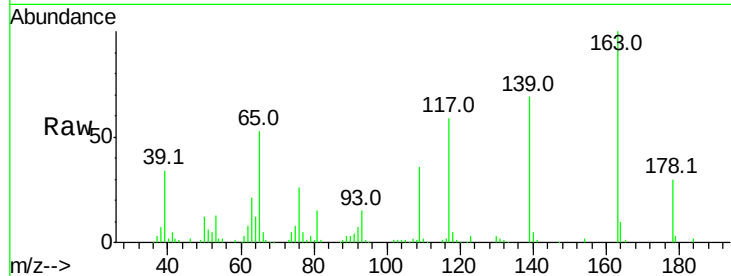




#55
4-Nitrophenol
Concen: 61.005 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

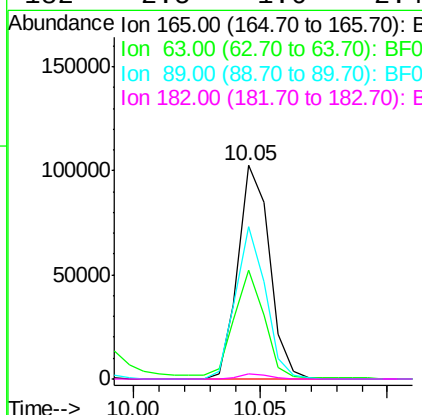
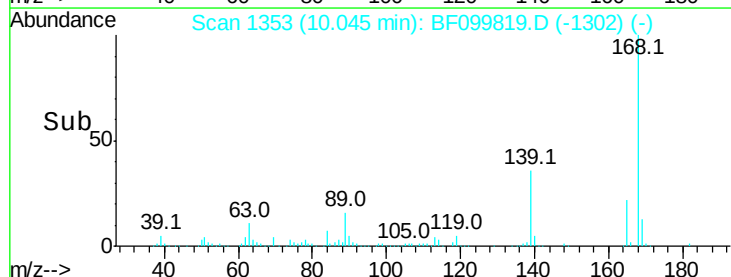
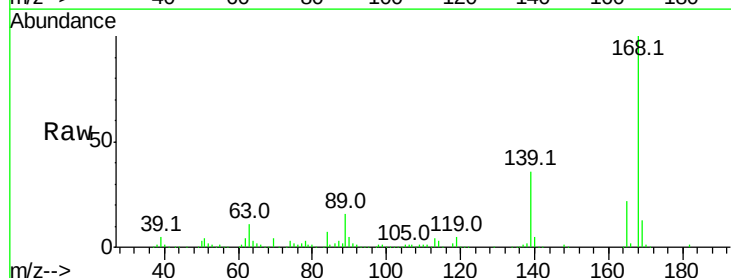
Instrument :
BNA_F
ClientSampleId :
PB103597BS

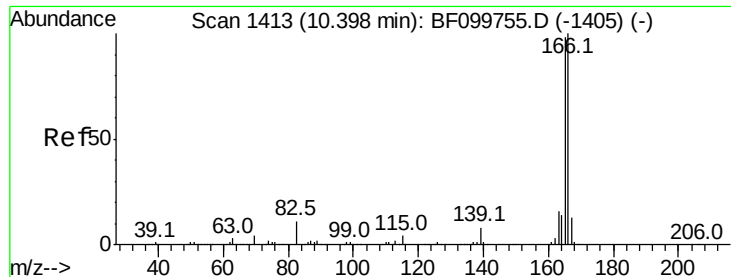
Tot Ion:139 Resp: 85586
Ion Ratio Lower Upper
139 100
109 52.6 48.4 88.4
65 76.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 32.405 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion:165 Resp: 88929
Ion Ratio Lower Upper
165 100
63 51.2 36.4 54.6
89 71.2 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 31.069 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

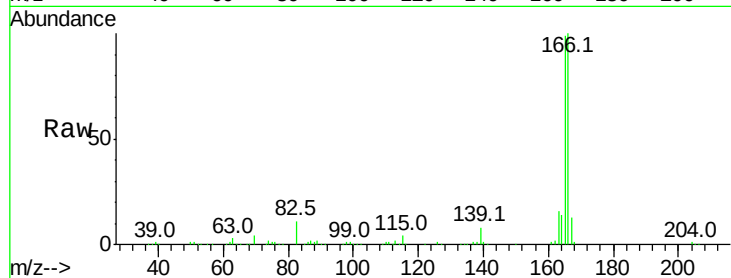
Tot Ion:166 Resp: 307314

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

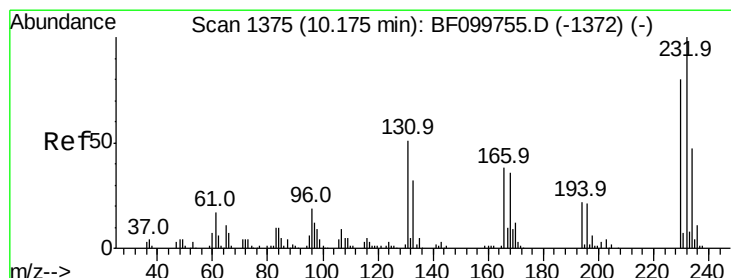
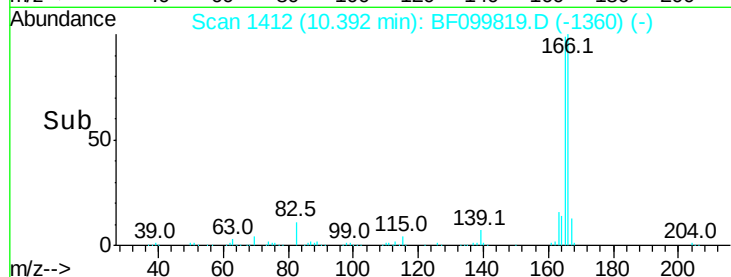
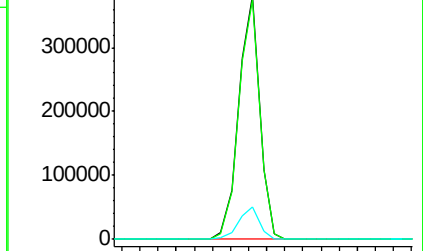
167 13.1 10.6 16.0



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: 31.815 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Tgt Ion:232 Resp: 63301

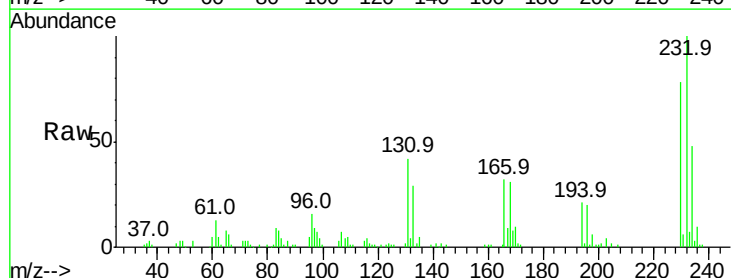
Ion Ratio Lower Upper

232 100

131 49.4 43.8 65.8

130 2.2 2.1 3.1

166 35.5 27.8 41.6

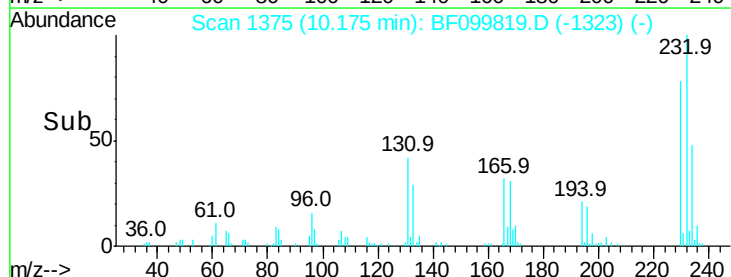
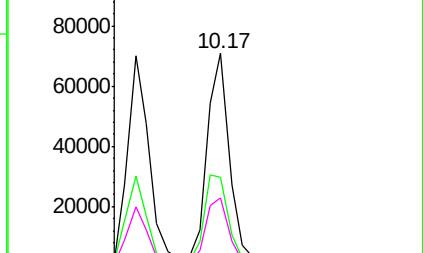


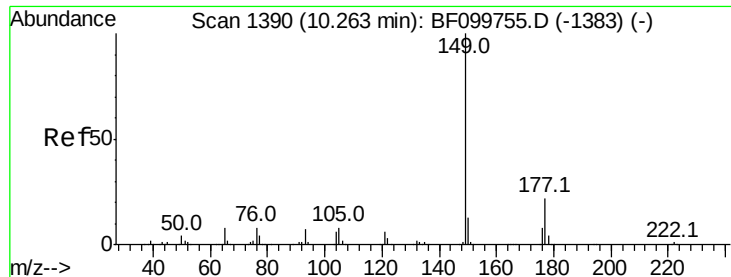
Abundance Ion 232.00 (231.70 to 232.70): E

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

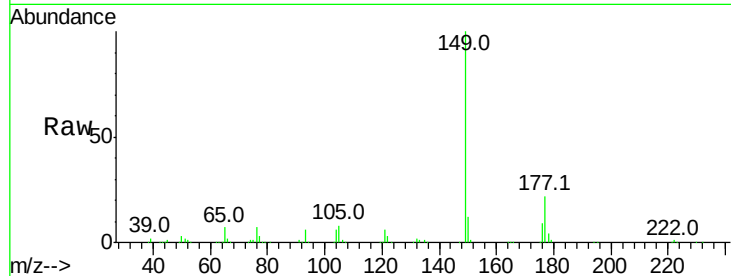




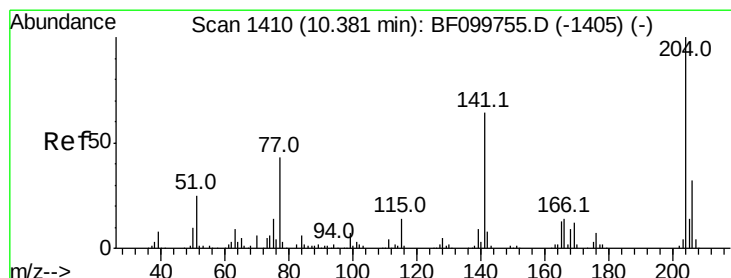
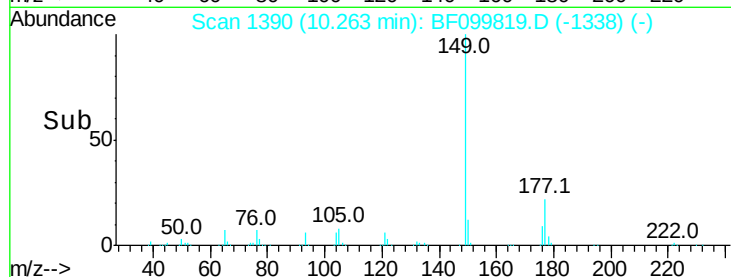
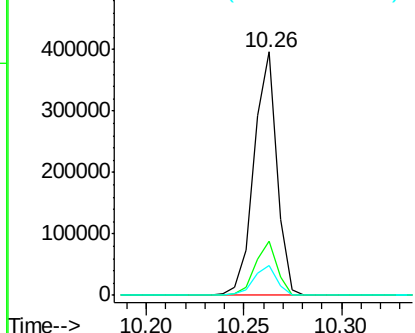
#59
Diethylphthalate
Concen: 30.399 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Instrument :
BNA_F
ClientSampleId :
PB103597BS

Tot Ion:149 Resp: 321794
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.5 10.1 15.1

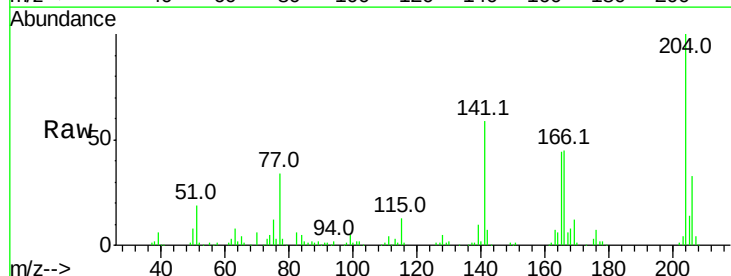


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

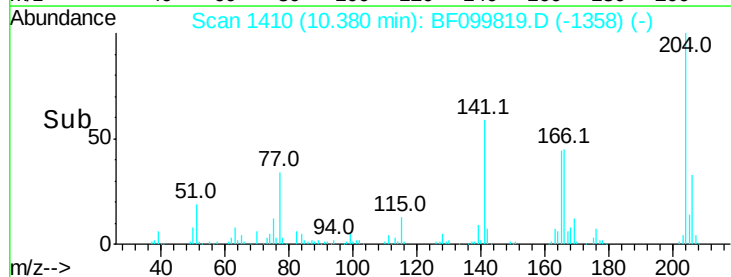
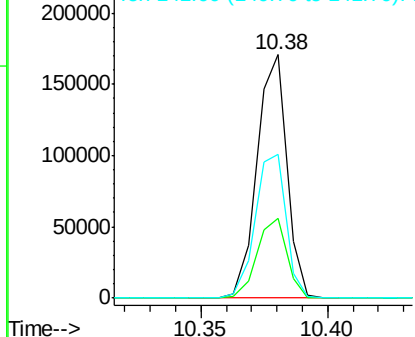


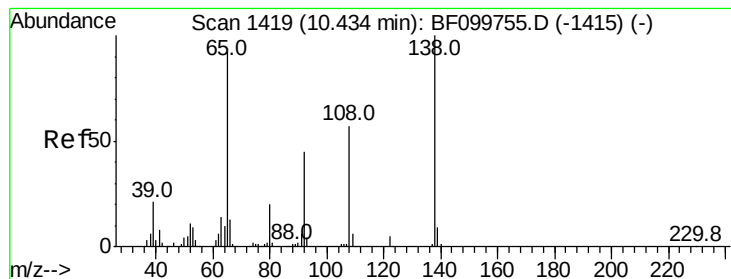
#60
4-Chlorophenyl-phenylether
Concen: 30.339 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion:204 Resp: 141232
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 59.0 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: 25.119 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

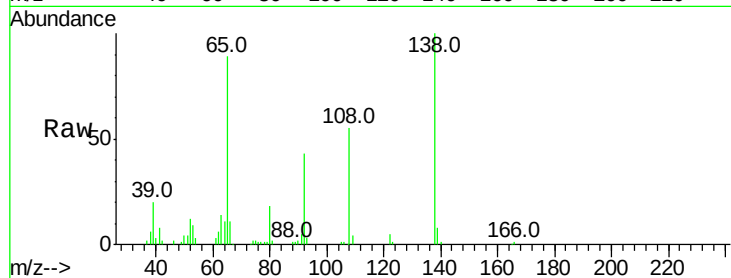
Tot Ion:138 Resp: 64348

Ion Ratio Lower Upper

138 100

92 43.3 30.2 70.2

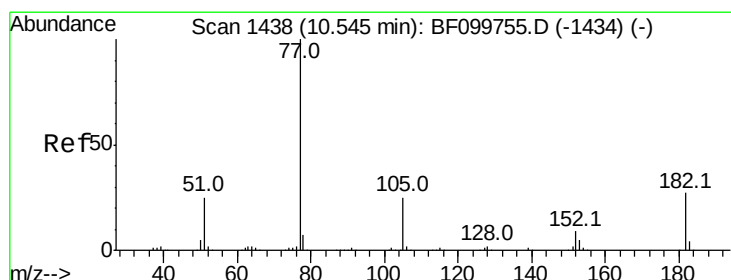
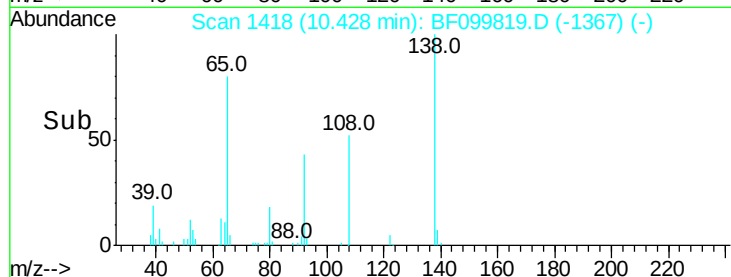
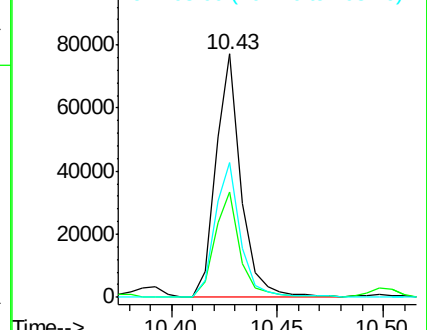
108 55.5 52.5 92.5



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: 30.756 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Tgt Ion: 77 Resp: 272913

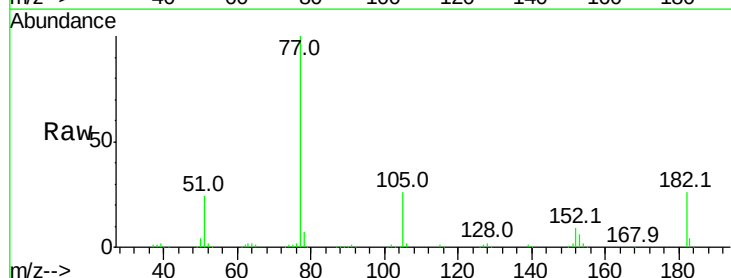
Ion Ratio Lower Upper

77 100

182 26.4 1.7 41.7

105 25.5 3.0 43.0

51 24.0 9.9 49.9

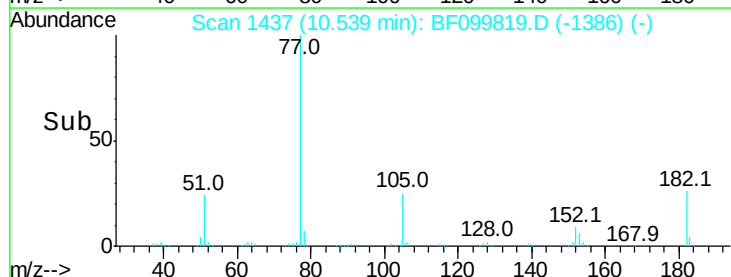
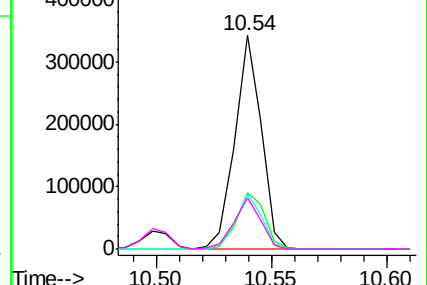


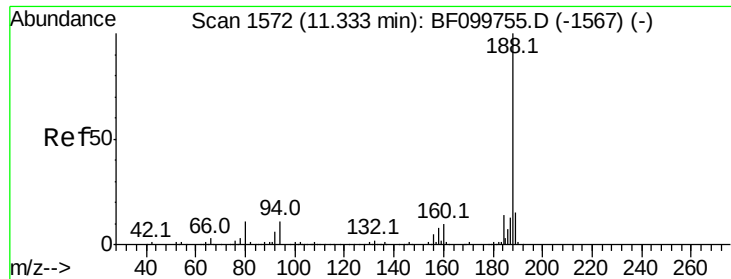
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

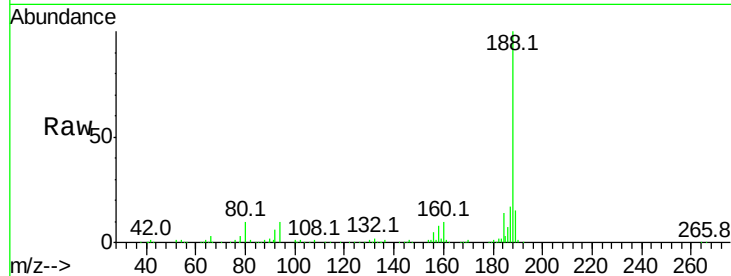




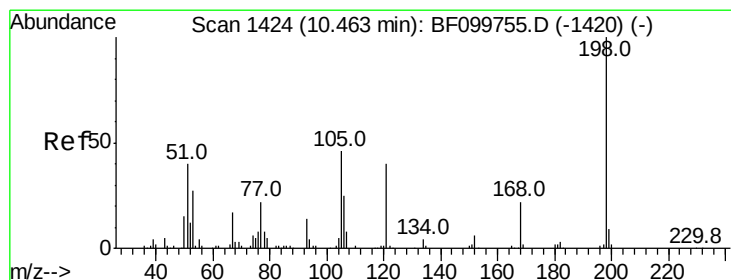
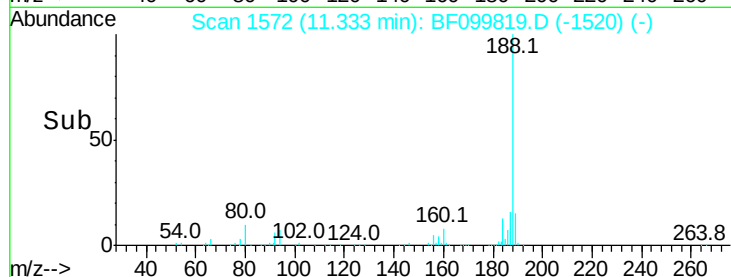
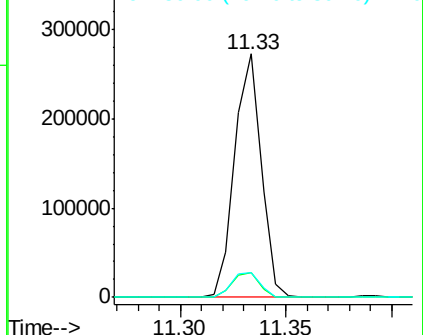
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Instrument :
BNA_F
ClientSampleId :
PB103597BS

Tot Ion:188 Resp: 236515
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.1 9.2 13.8

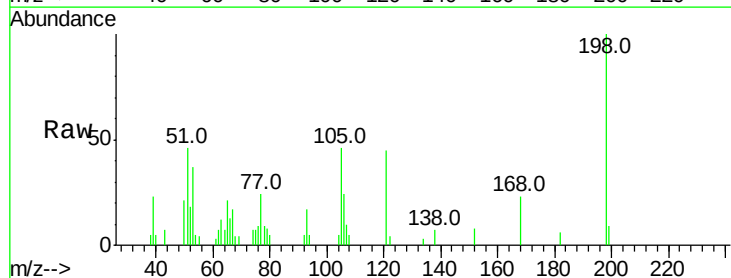


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

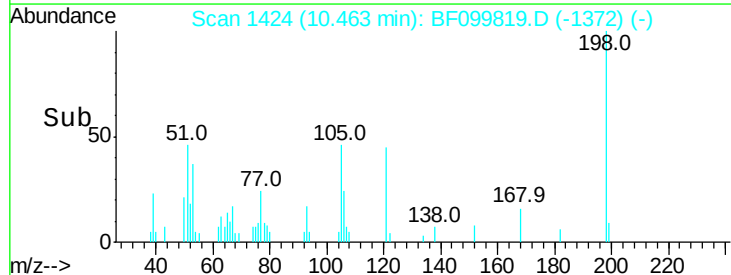
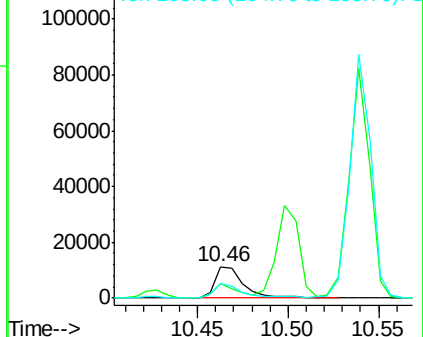


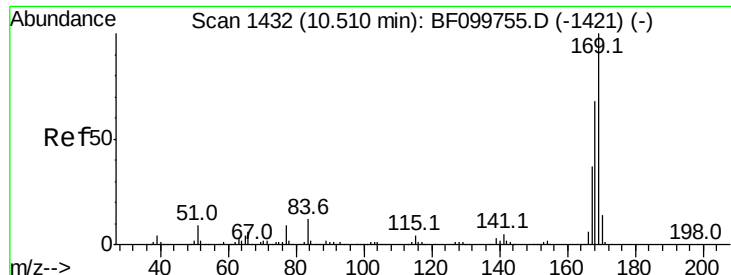
#64
4,6-Dinitro-2-methylphenol
Concen: 8.279 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion:198 Resp: 12309
Ion Ratio Lower Upper
198 100
51 45.7 37.7 77.7
105 46.3 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: 30.667 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

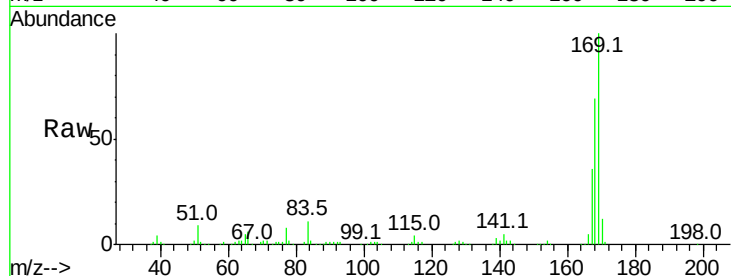
Tot Ion:169 Resp: 267748

Ion Ratio Lower Upper

169 100

168 68.7 54.4 81.6

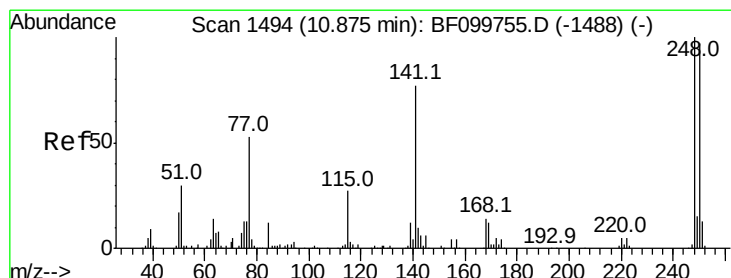
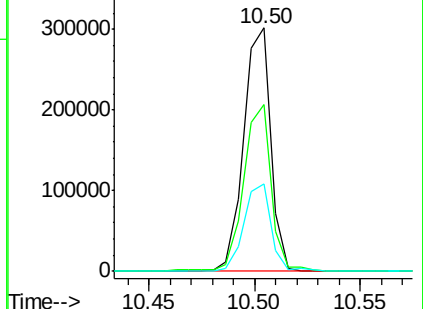
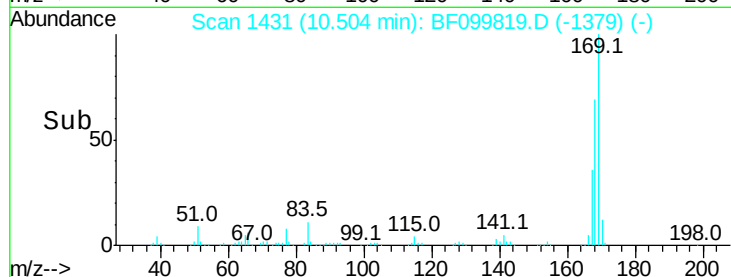
167 35.8 29.8 44.6



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: 32.509 ng

RT: 10.87 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

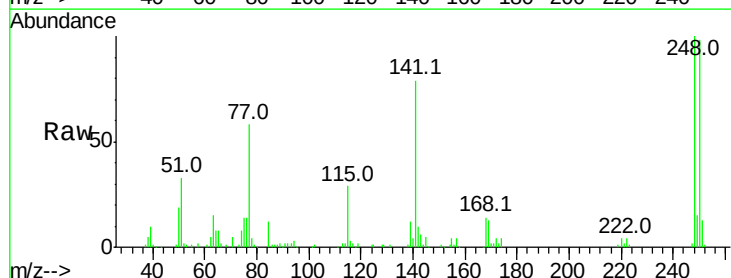
Tgt Ion:248 Resp: 80945

Ion Ratio Lower Upper

248 100

250 98.0 76.9 115.3

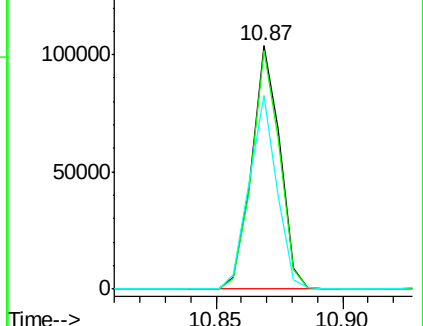
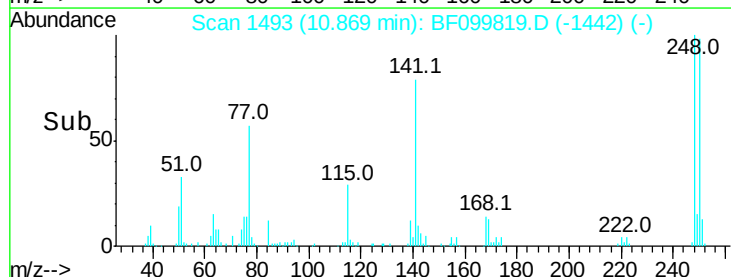
141 79.4 74.4 111.6

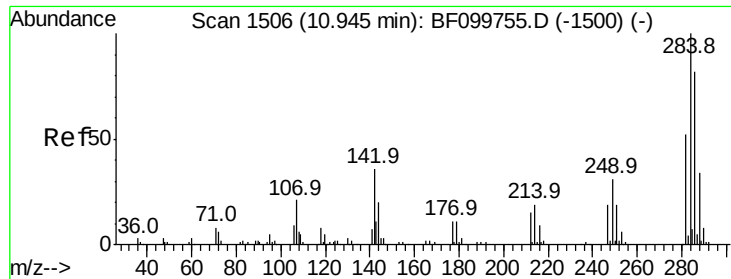


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 31.441 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

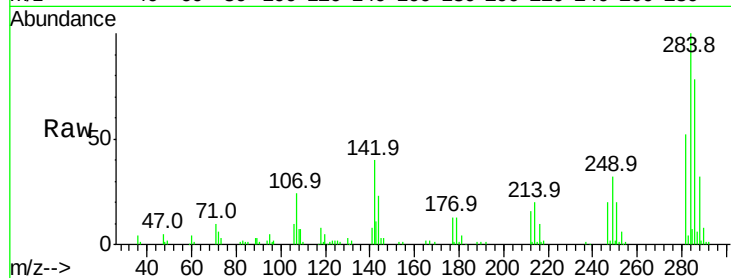
Tot Ion:284 Resp: 80091

Ion Ratio Lower Upper

284 100

142 40.4 34.6 52.0

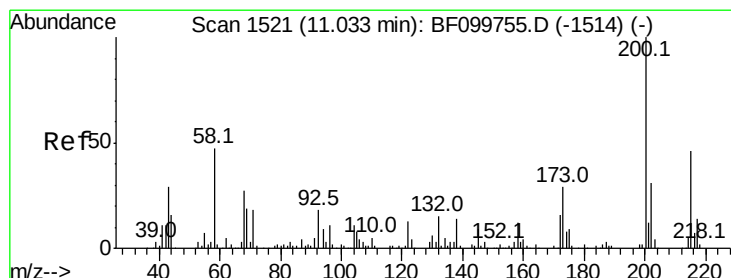
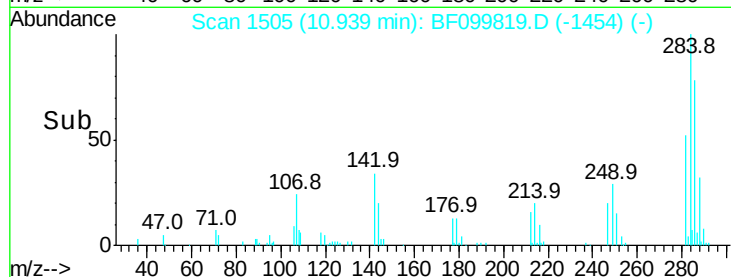
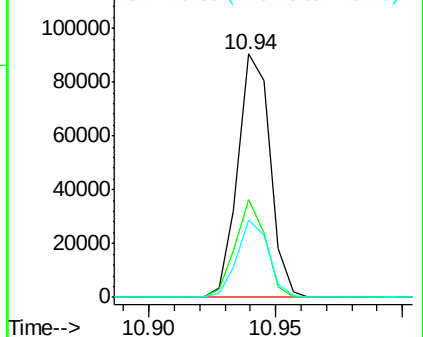
249 31.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.729 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

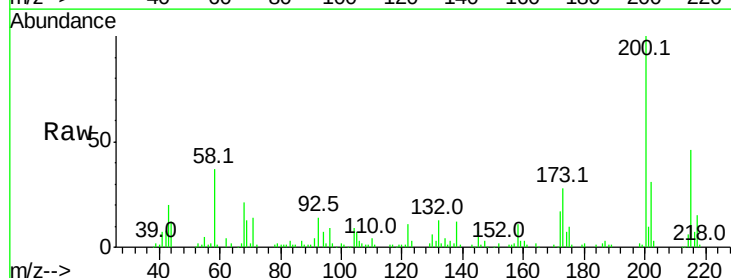
Tgt Ion:200 Resp: 83212

Ion Ratio Lower Upper

200 100

173 27.9 8.6 48.6

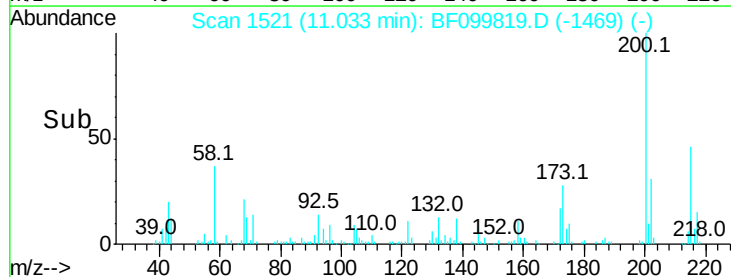
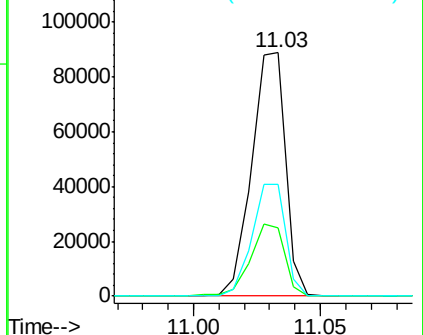
215 46.0 25.1 65.1

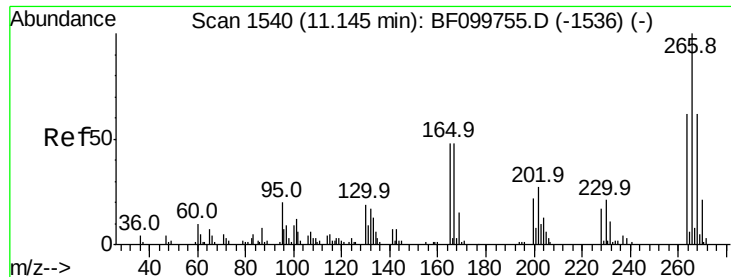


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

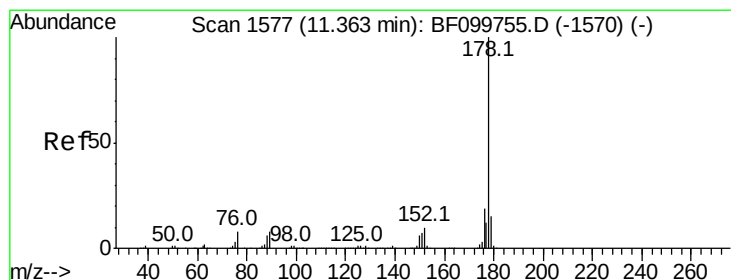
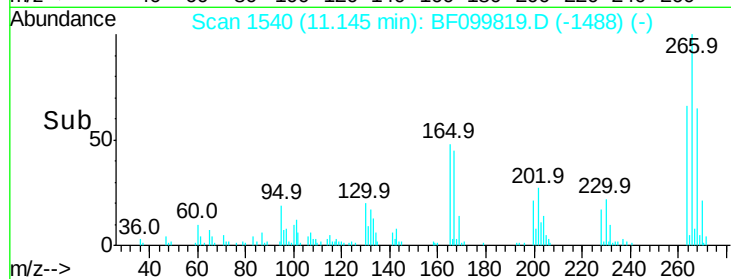
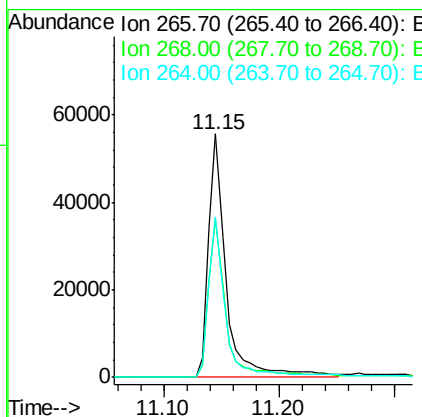
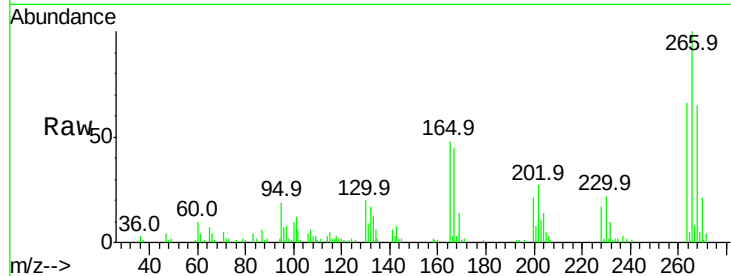




#69
 Pentachlorophenol
 Concen: 54.848 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

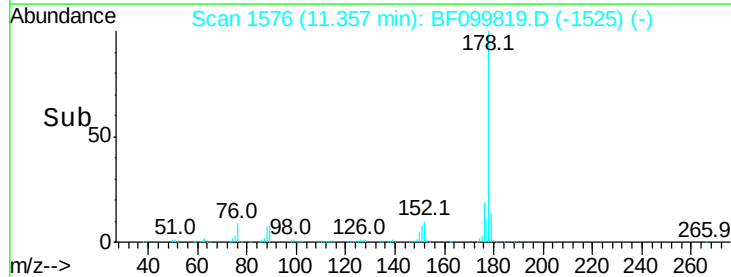
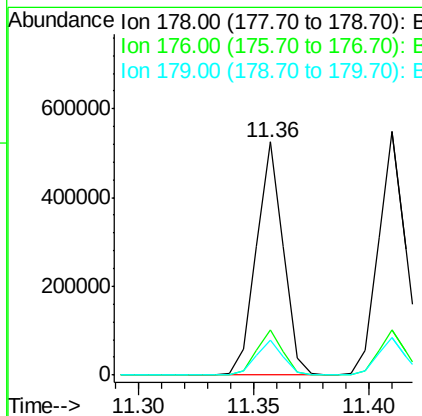
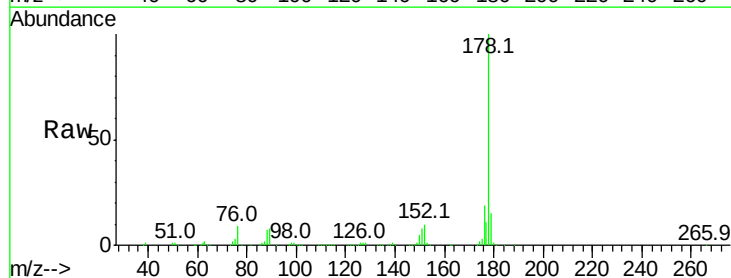
Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

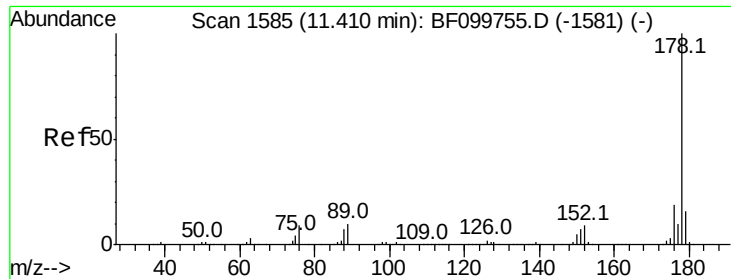
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	65.8	49.5	74.3



#70
 Phenanthrene
 Concen: 31.957 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6





#71

Anthracene

Concen: 32.454 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

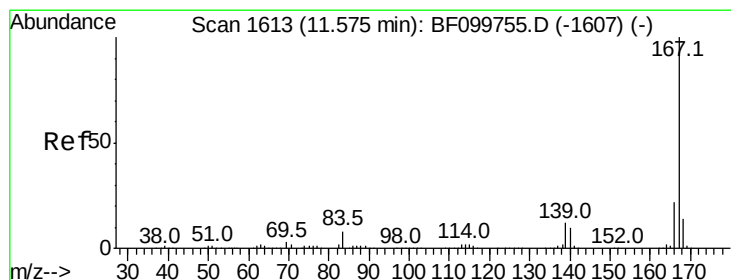
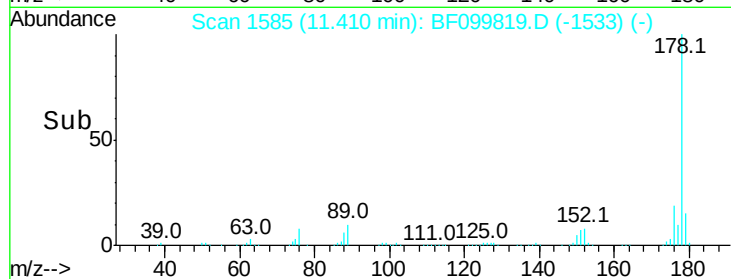
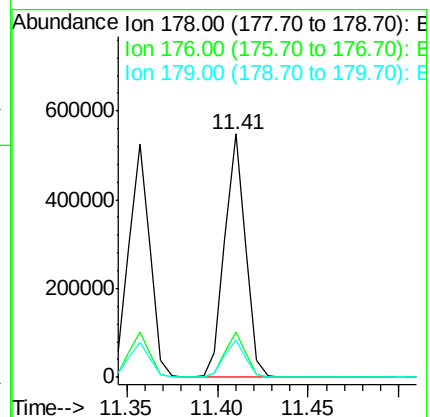
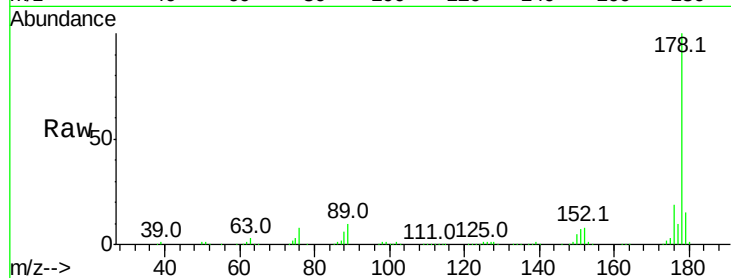
Tot Ion:178 Resp: 439702

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.5 12.6 19.0



#72

Carbazole

Concen: 31.472 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

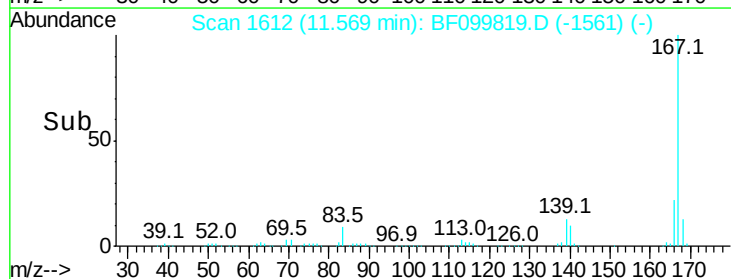
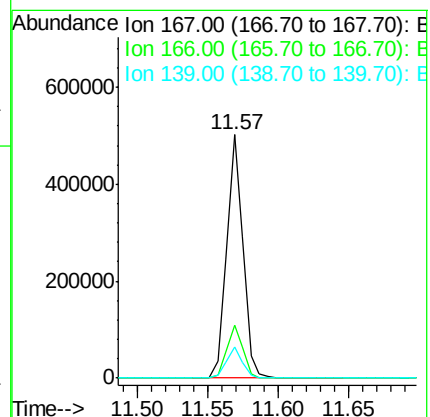
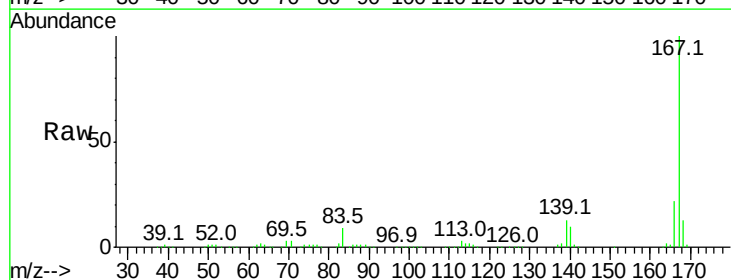
Tgt Ion:167 Resp: 400981

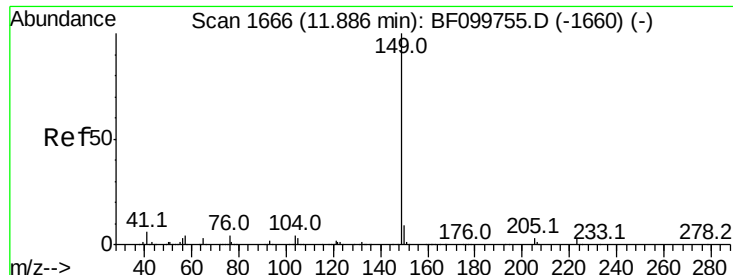
Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 31.856 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

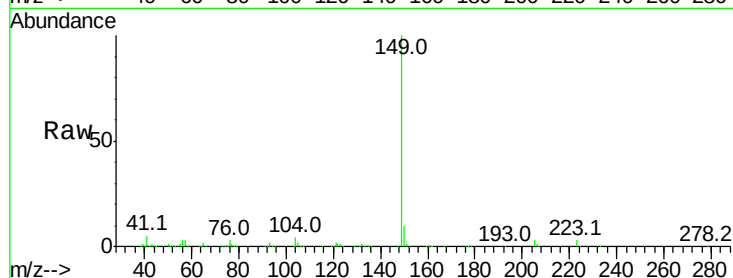
Tot Ion:149 Resp: 517683

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

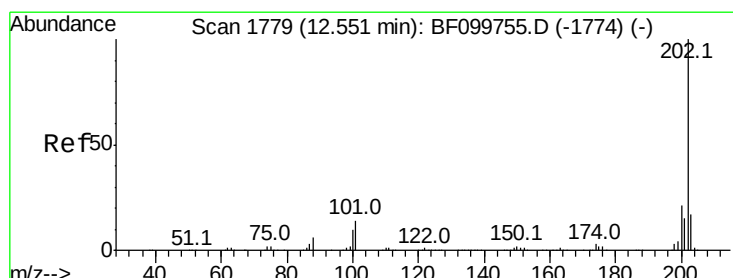
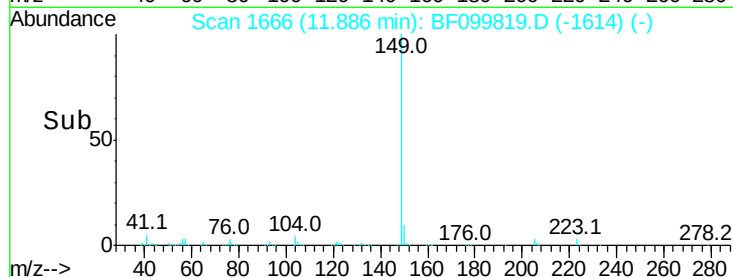
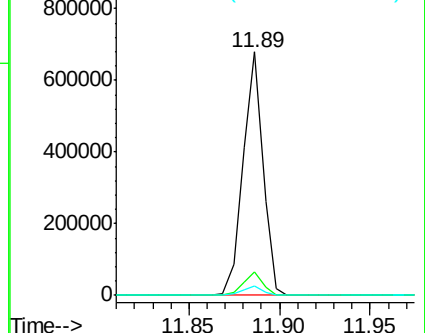
104 3.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.576 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

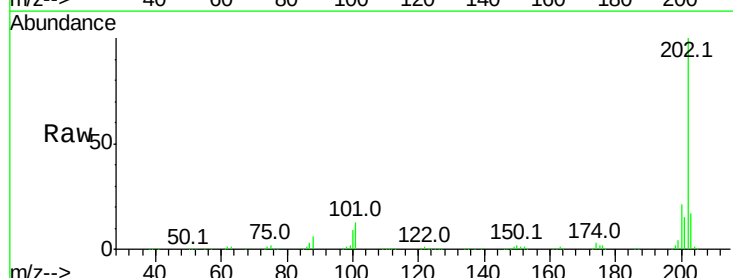
Tgt Ion:202 Resp: 424133

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

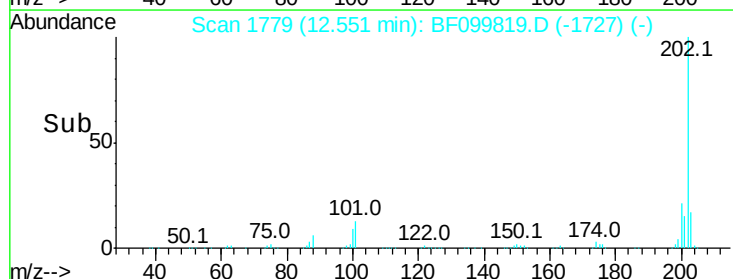
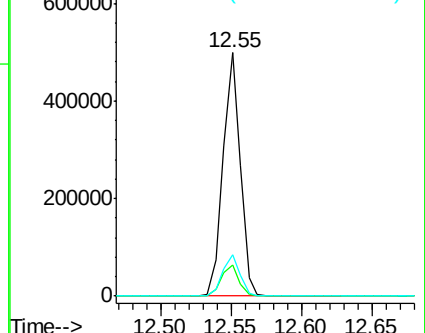
203 16.9 0.0 38.1

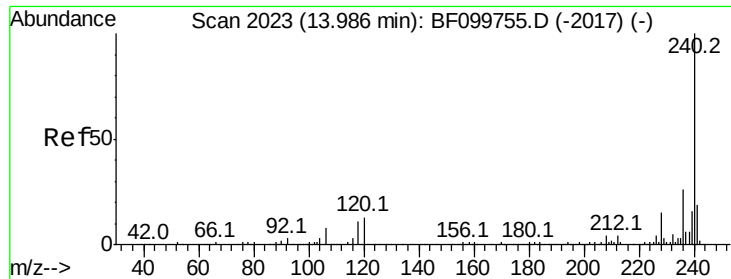


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

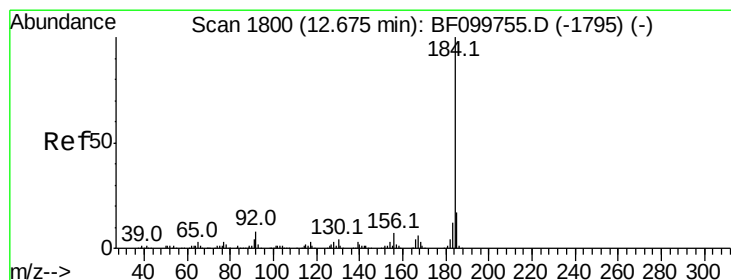
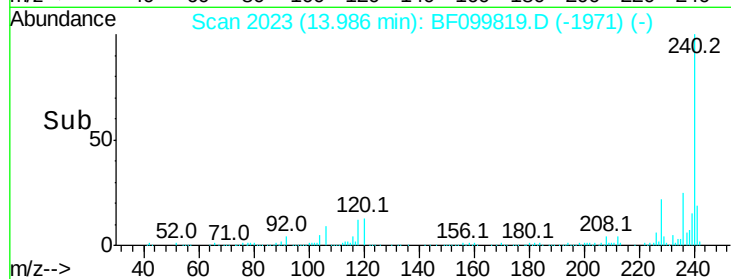
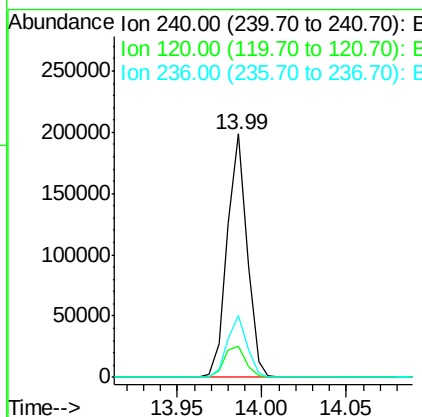
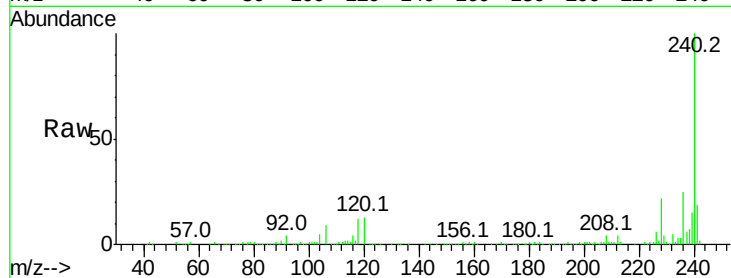




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

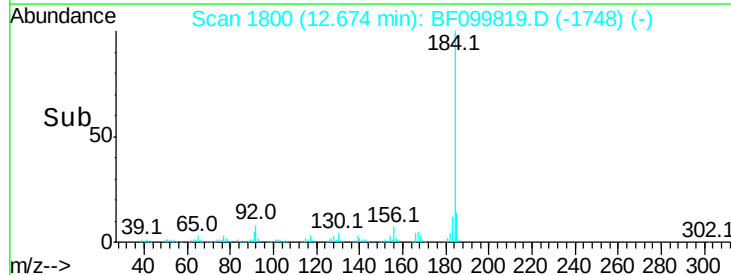
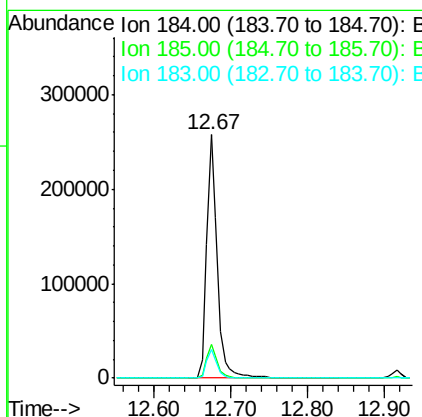
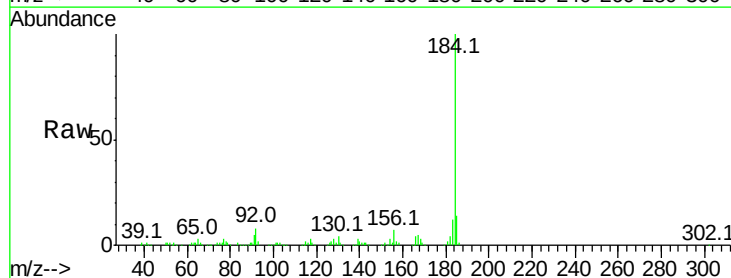
Instrument :
BNA_F
ClientSampleId :
PB103597BS

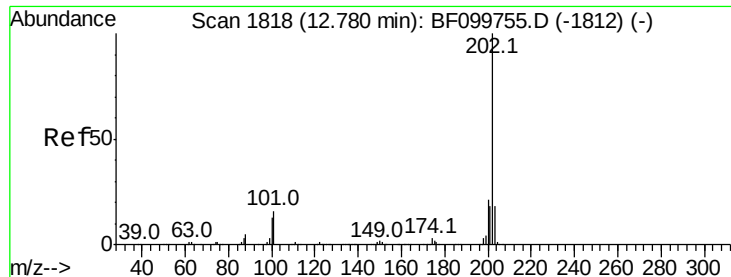
Tot Ion:240 Resp: 162906
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.3 20.7 31.1



#76
Benzidine
Concen: 34.382 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion:184 Resp: 245088
Ion Ratio Lower Upper
184 100
185 13.6 12.6 18.8
183 11.9 9.3 13.9





#77

Pvrene

Concen: 34.241 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

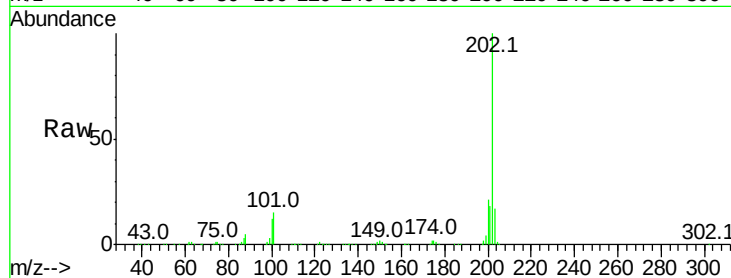
Tot Ion:202 Resp: 424151

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

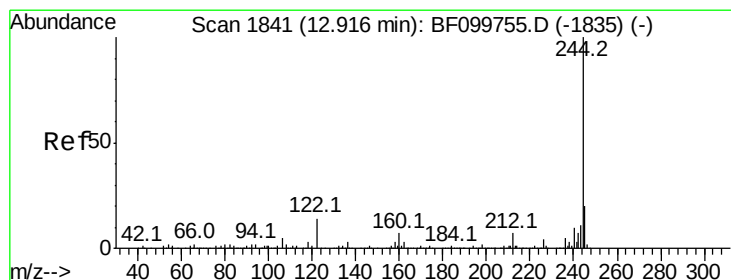
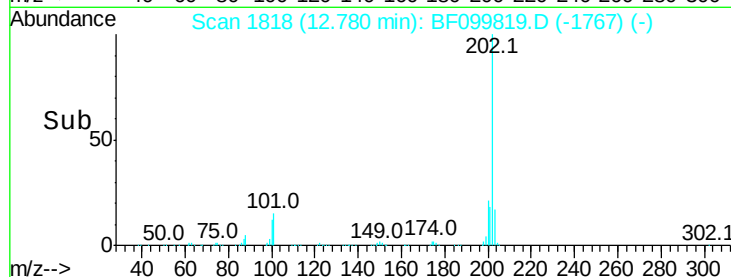
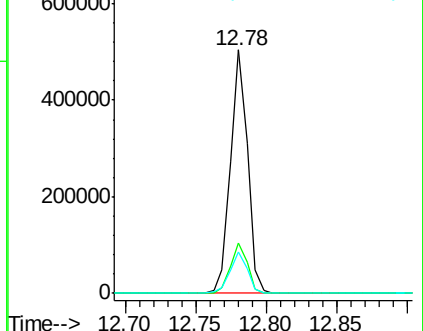
203 17.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.430 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

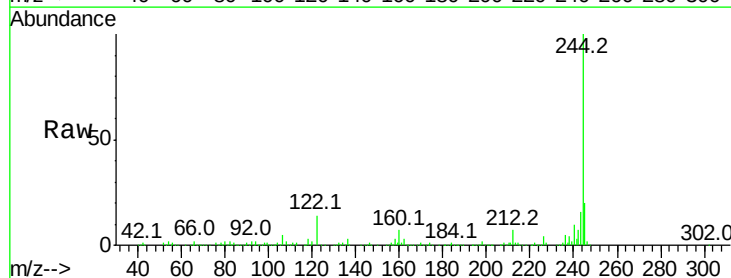
Tgt Ion:244 Resp: 547377

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

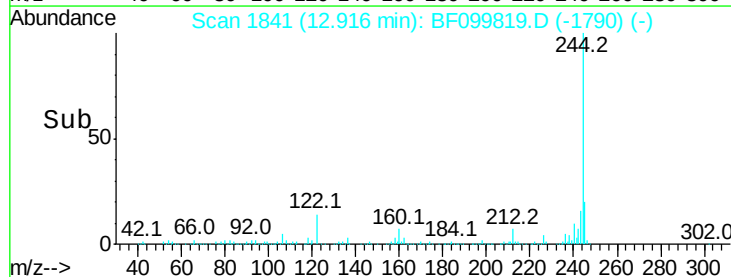
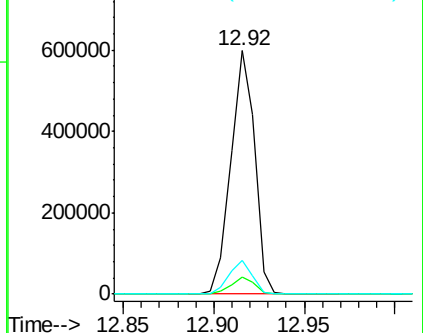
122 13.9 11.0 16.4

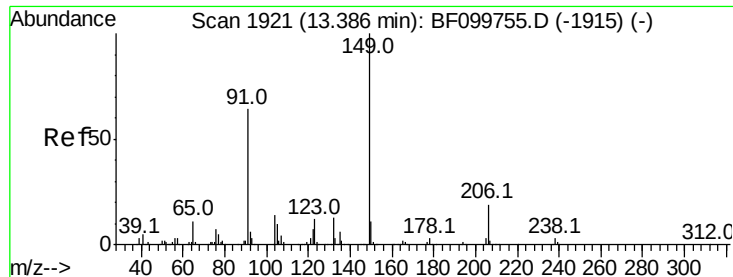


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

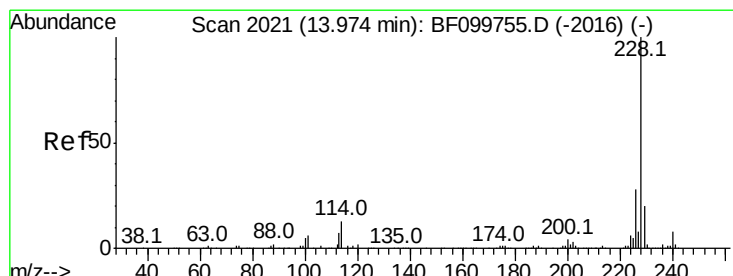
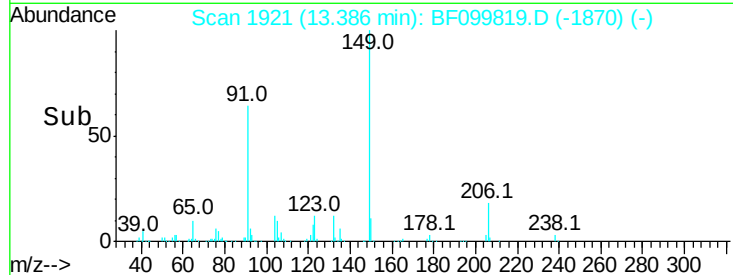
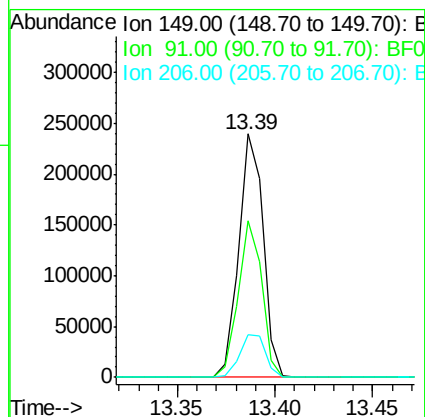
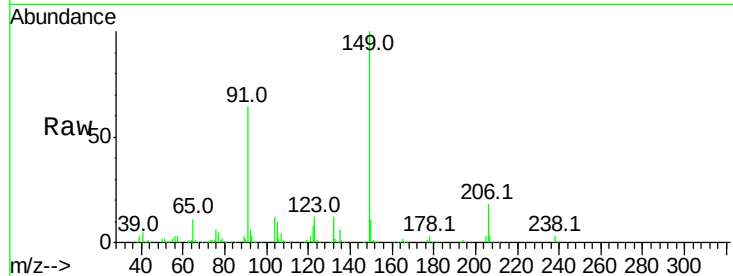




#79
Butylbenzylphthalate
Concen: 34.018 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

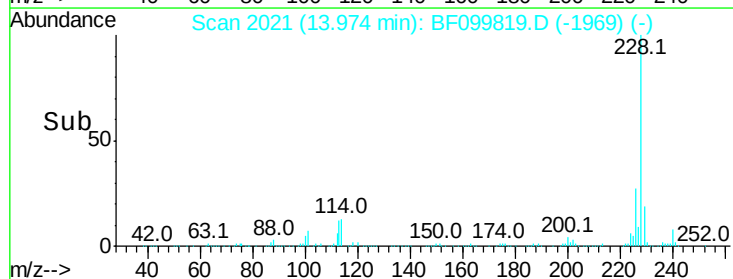
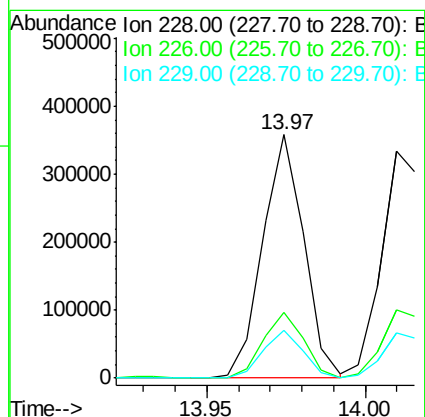
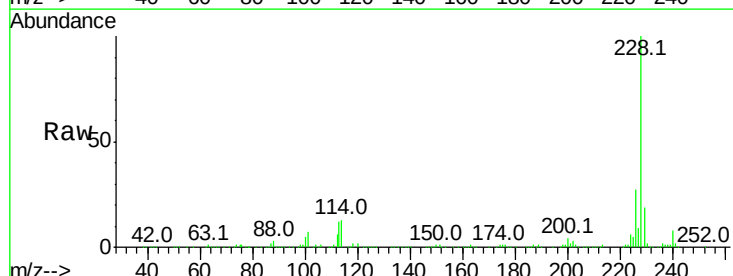
Instrument :
BNA_F
ClientSampleId :
PB103597BS

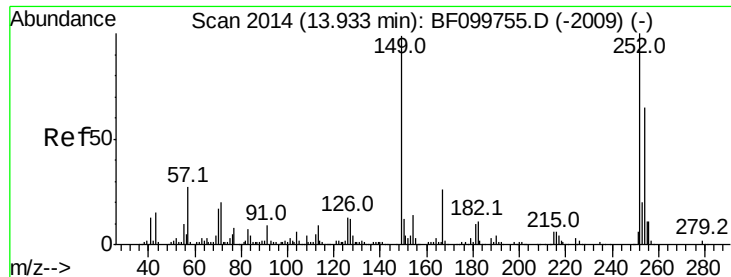
Tot Ion:	149	Resp:	207507
Ion	Ratio	Lower	Upper
149	100		
91	64.3	56.8	85.2
206	17.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 31.341 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion:	228	Resp:	323666
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.4	15.8	23.6

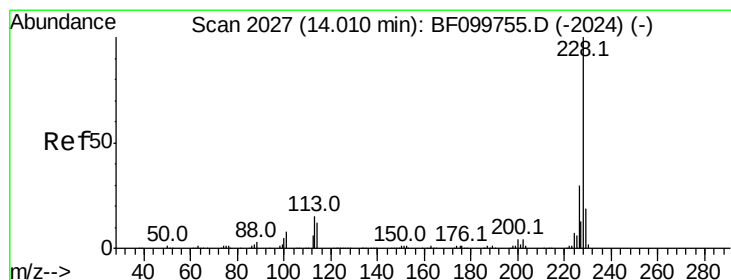
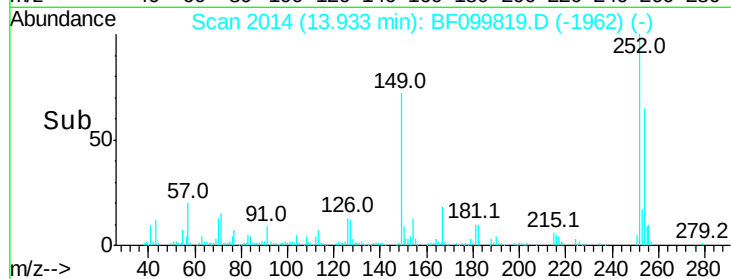
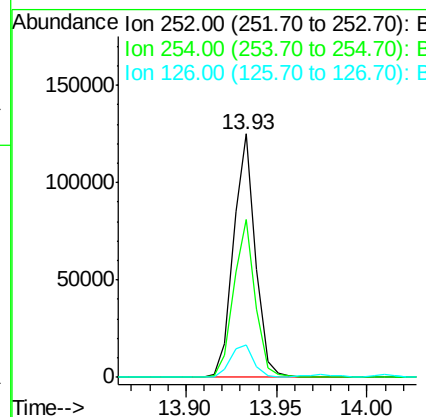
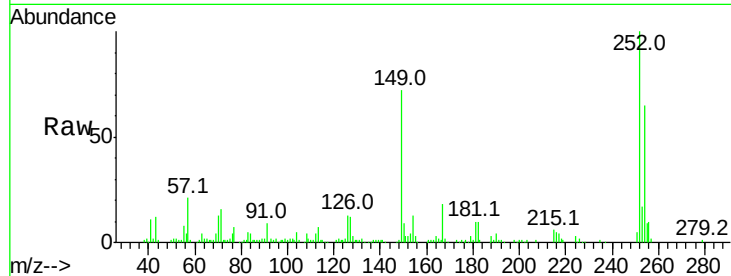




#81
 3,3'-Dichlorobenzidine
 Concen: 27.924 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

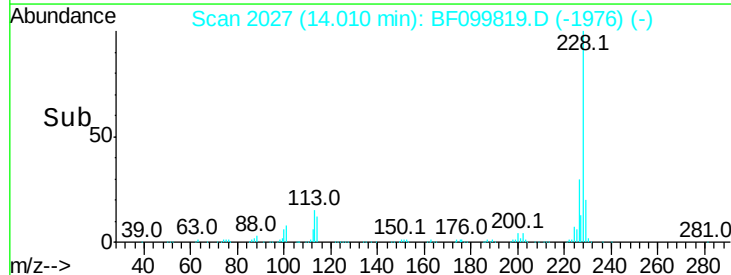
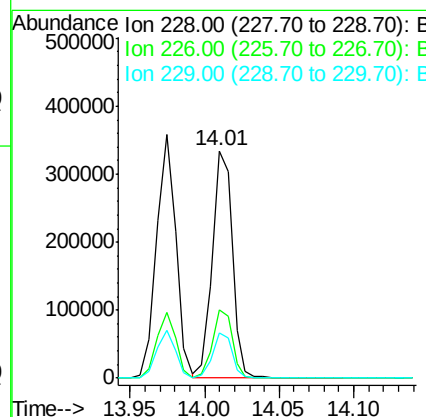
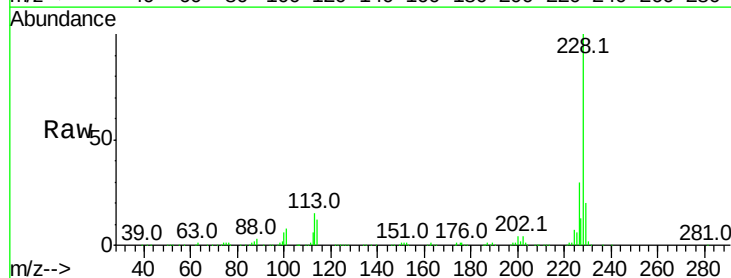
Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

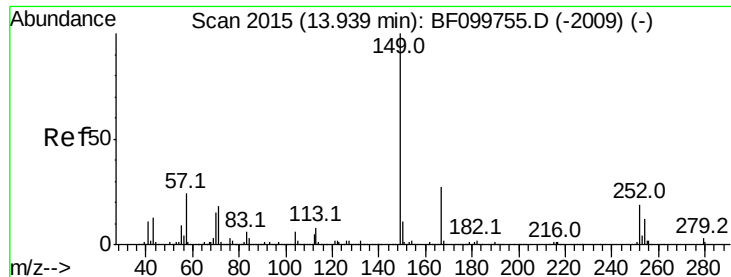
Tot Ion:252 Resp: 104678
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 13.2 11.3 16.9



#82
 Chrysene
 Concen: 31.955 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion:228 Resp: 310243
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.7 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.866 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

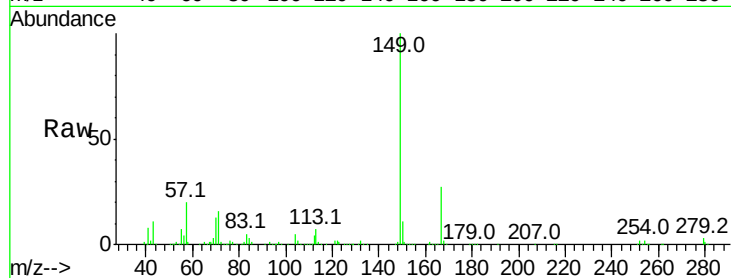
Tot Ion:149 Resp: 290097

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

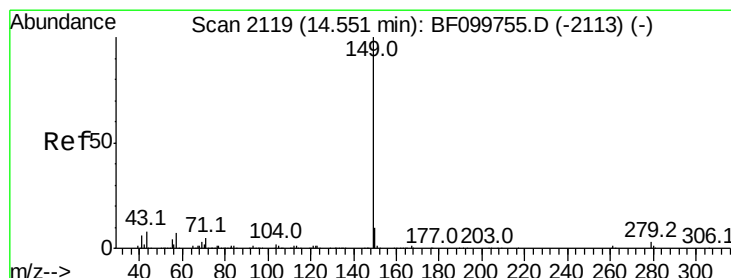
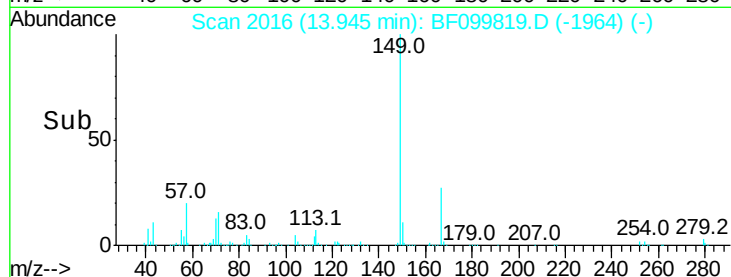
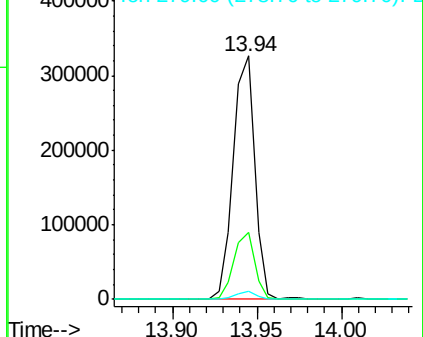
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 30.877 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

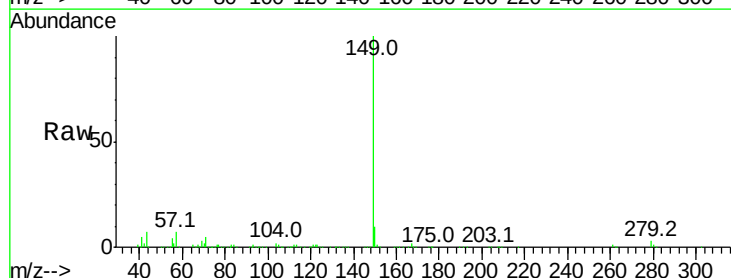
Tgt Ion:149 Resp: 453966

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

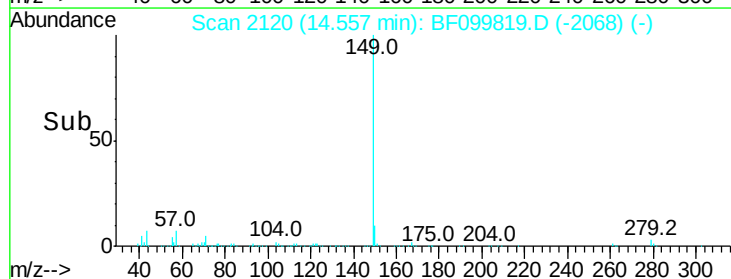
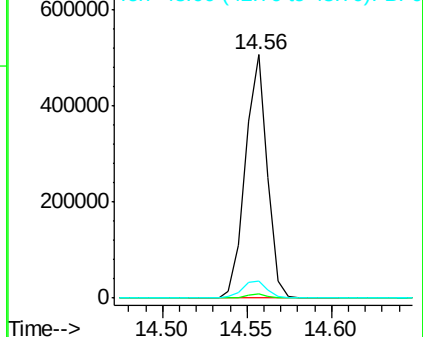
43 7.6 8.4 12.6#

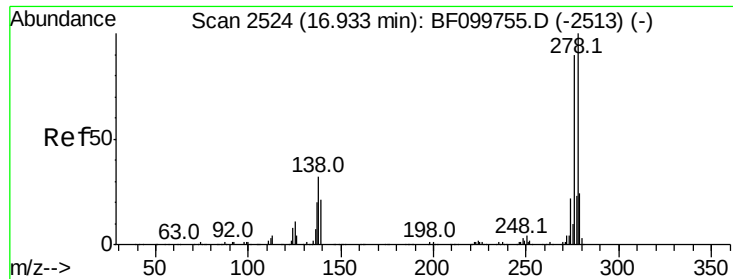


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

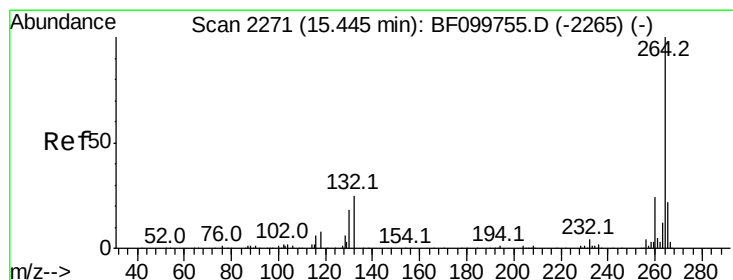
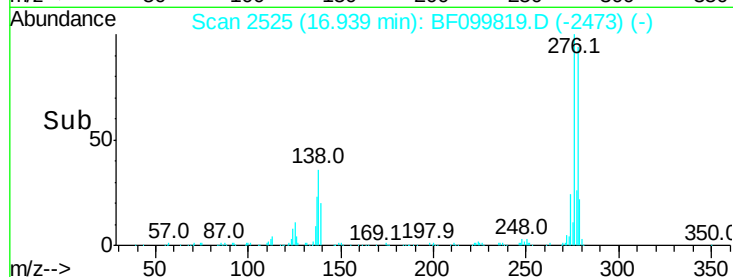
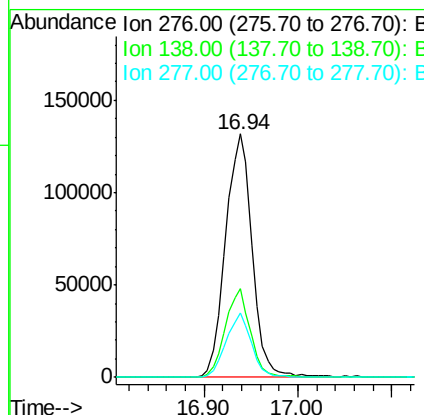
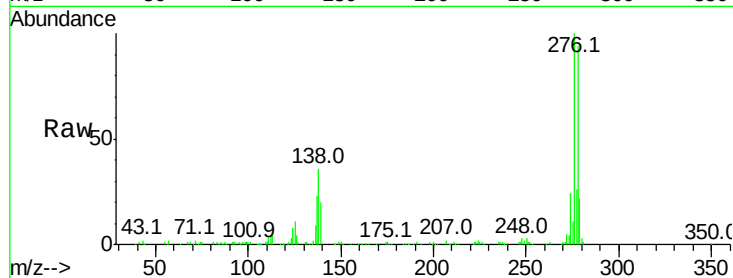




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.186 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

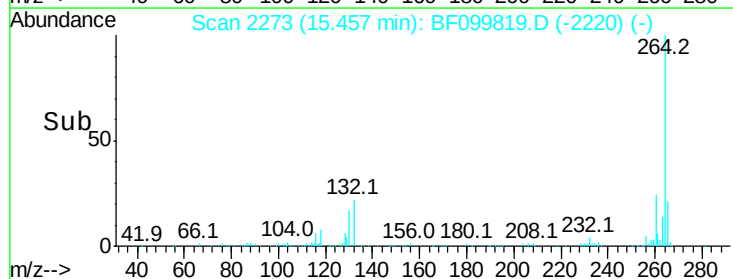
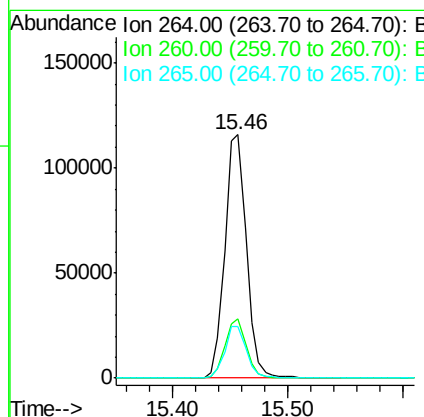
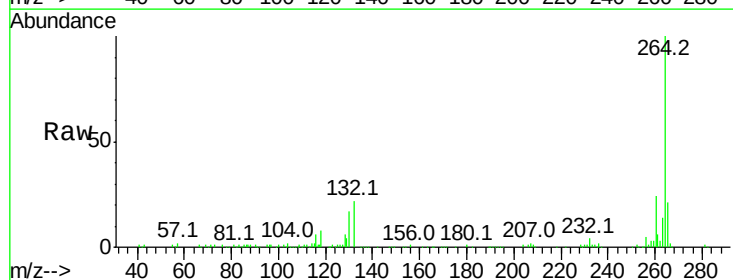
Instrument :
 BNA_F
 ClientSampleId :
 PB103597BS

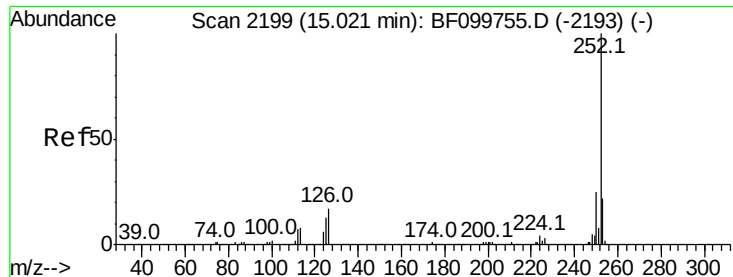
Tot Ion:276 Resp: 260130
 Ion Ratio Lower Upper
 276 100
 138 34.7 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099819.D
 Acq: 25 Oct 2017 17:57

Tgt Ion:264 Resp: 150245
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.0 17.5 26.3

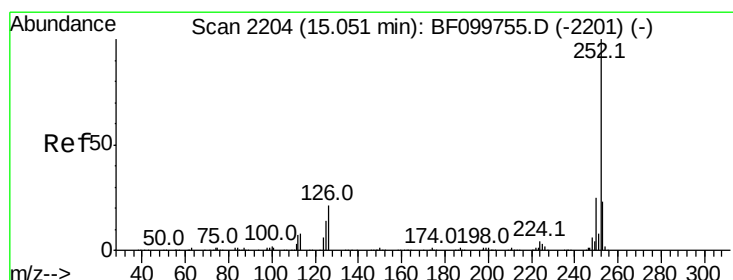
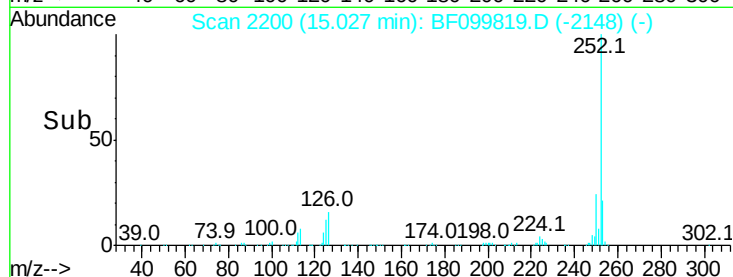
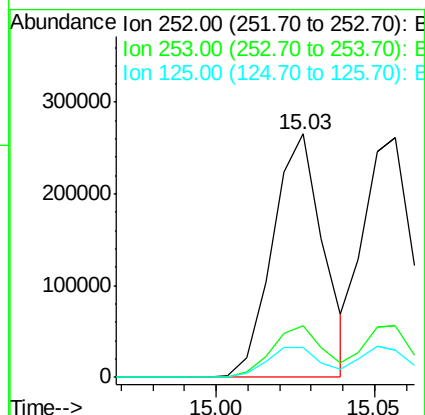
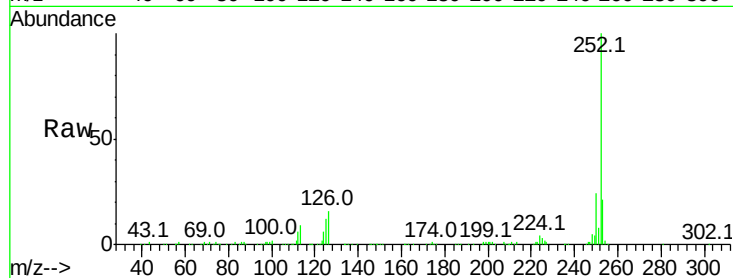




#87
Benzo(b)fluoranthene
Concen: 31.157 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

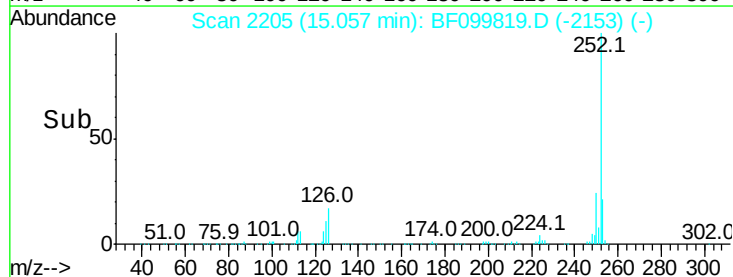
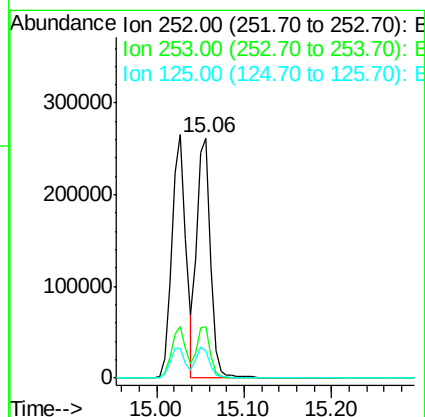
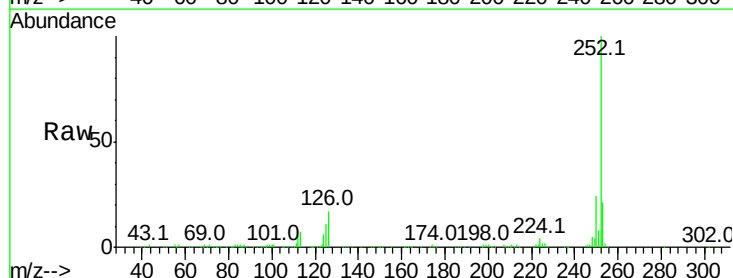
Instrument :
BNA_F
ClientSampleId :
PB103597BS

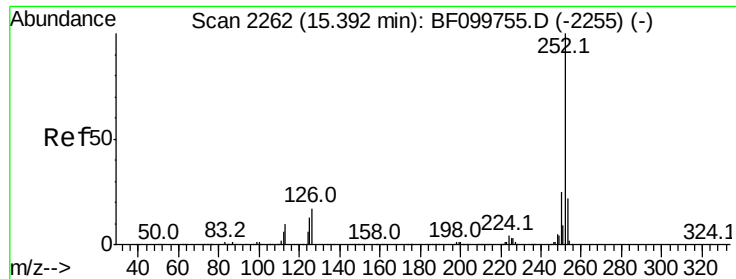
Tot Ion:252 Resp: 295598
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.215 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion:252 Resp: 288205
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 11.2 10.2 15.2

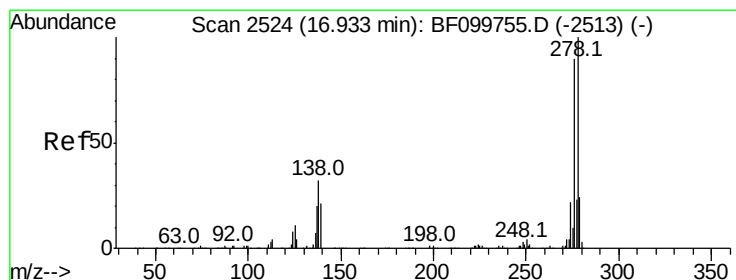
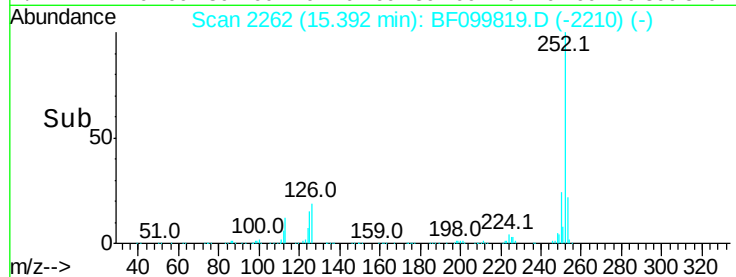
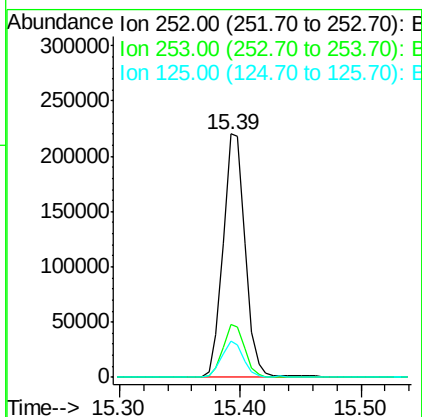
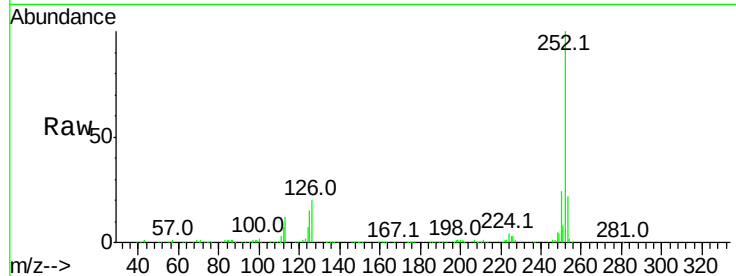




#89
Benzo(a)pyrene
Concen: 32.870 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

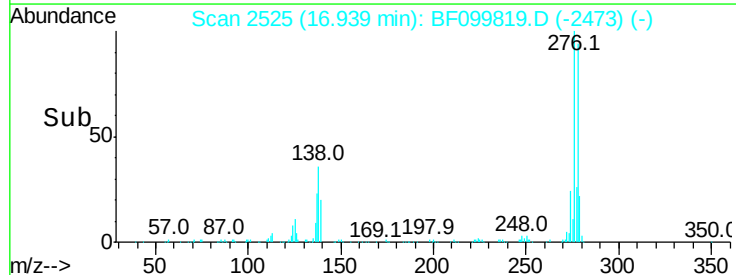
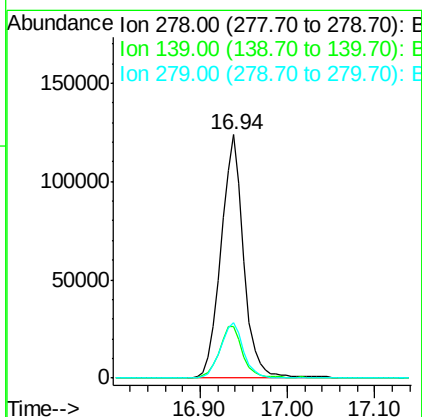
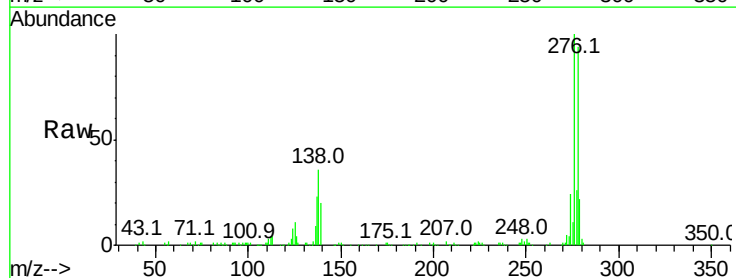
Instrument :
BNA_F
ClientSampleId :
PB103597BS

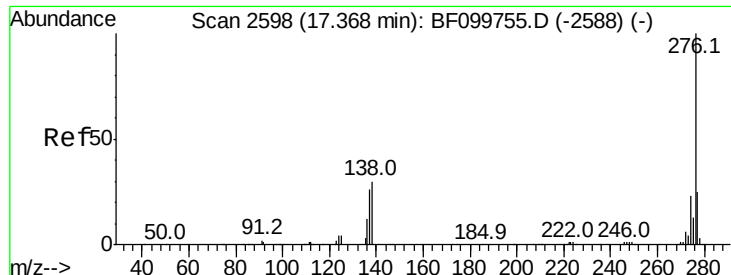
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	15.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 29.249 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF099819.D
Acq: 25 Oct 2017 17:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	23.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 28.080 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.01 min

Lab File: BF099819.D

Acq: 25 Oct 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB103597BS

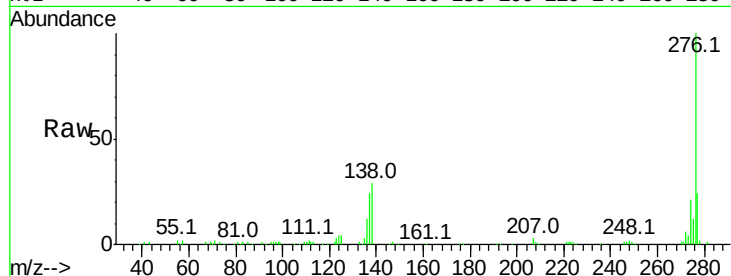
Tot Ion:276 Resp: 208032

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 28.9 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

