

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100007.D
 Acq On : 31 Oct 2017 17:07
 Operator : SJ/JU
 Sample : PB103707BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:18:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84942	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	375930	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	189748	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	353526	20.00	ng	0.00
75) Chrysene-d12	13.98	240	271776	20.00	ng	0.00
86) Perylene-d12	15.46	264	233141	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	370393	68.46	ng	0.01
7) Phenol-d6	6.43	99	437205	68.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	359804	61.62	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	113397	65.58	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	804749	65.43	ng	0.00
78) Terphenyl-d14	12.90	244	817111	65.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	69149	28.942	ng	91
3) Pyridine	3.35	79	152381	26.522	ng	# 86
4) n-Nitrosodimethylamine	3.30	42	61657	30.038	ng	# 65
6) Aniline	6.46	93	118943	14.299	ng	# 77
8) 2-Chlorophenol	6.57	128	208341	36.130	ng	92
9) Benzaldehyde	6.35	77	80180	20.915	ng	92
10) Phenol	6.45	94	242256	34.394	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	179872	33.070	ng	95
12) 1,3-Dichlorobenzene	6.72	146	214655	33.153	ng	97
13) 1,4-Dichlorobenzene	6.80	146	220373	33.536	ng	96
14) 1,2-Dichlorobenzene	6.96	146	203413	33.965	ng	96
15) Benzyl Alcohol	6.94	79	140004	34.316	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	228861	37.878	ng	# 26
17) 2-Methylphenol	7.05	107	168107	34.852	ng	94
18) Hexachloroethane	7.29	117	72036	32.859	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	129397	34.419	ng	# 86
20) 3+4-Methylphenols	7.21	107	222303	39.582	ng	# 79
22) Acetophenone	7.20	105	266777	31.167	ng	# 94
24) Nitrobenzene	7.37	77	188361	32.015	ng	93
25) Isophorone	7.61	82	367479	34.682	ng	97
26) 2-Nitrophenol	7.69	139	113767	33.761	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	187912	37.847	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	243629	32.832	ng	98
29) 2,4-Dichlorophenol	7.94	162	183071	35.494	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	180061	32.673	ng	98
31) Naphthalene	8.09	128	592869	32.671	ng	99
32) Benzoic acid	7.89	122	85645	19.597	ng	93
33) 4-Chloroaniline	8.16	127	82691	11.035	ng	# 93
34) Hexachlorobutadiene	8.20	225	90119	31.792	ng	99
35) Caprolactam	8.53	113	40000	24.661	ng	# 72
36) 4-Chloro-3-methylphenol	8.65	107	183182	34.796	ng	93
37) 2-Methylnaphthalene	8.78	142	422959	34.781	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	173703	28.344	ng	98
40) Hexachlorocyclopentadiene	8.93	237	49097	47.528	ng	95

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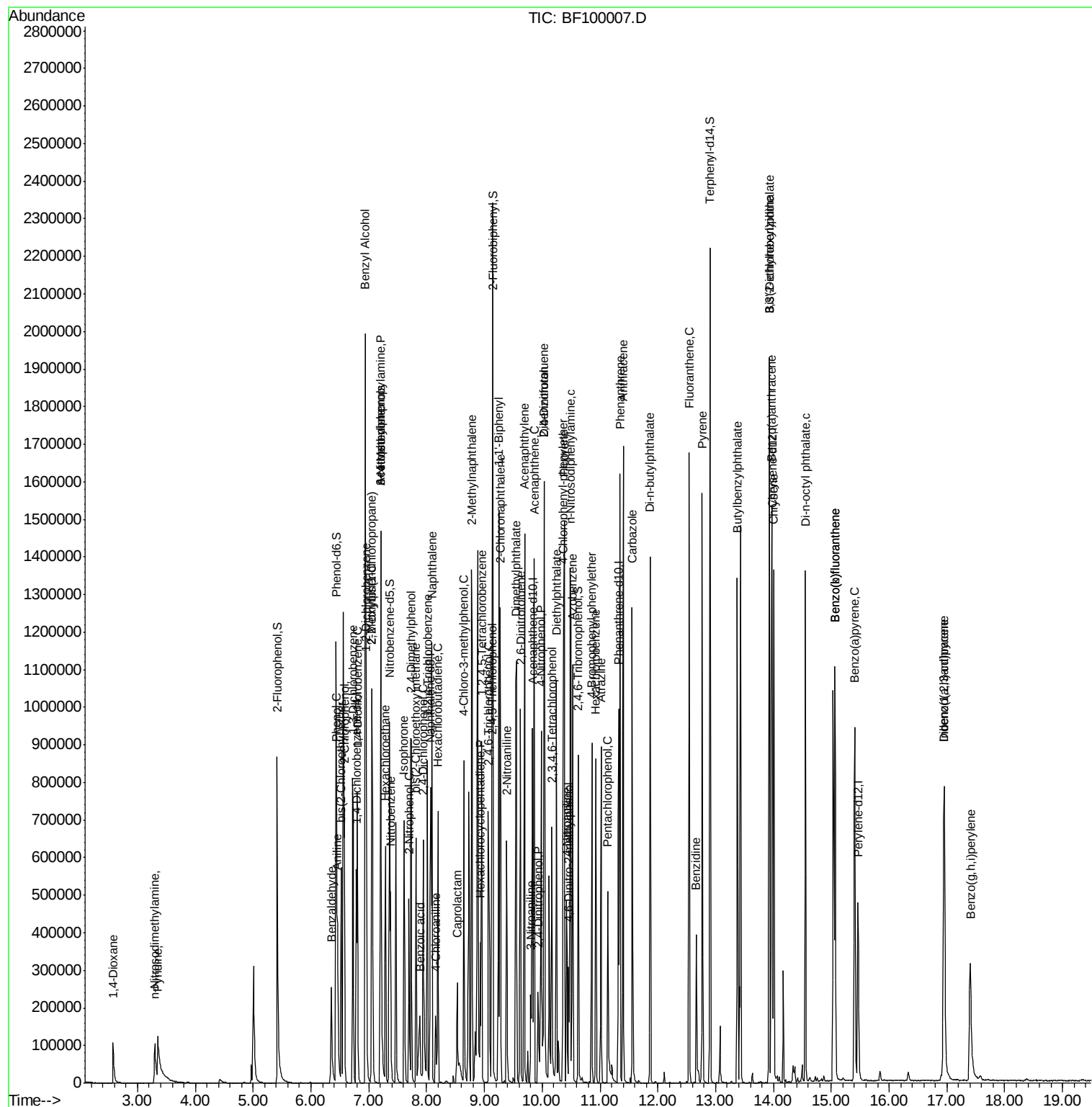
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	116186	31.343	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	119434	30.361	nq	94
45) 1,1'-Biphenyl	9.25	154	504296	29.378	nq	99
46) 2-Chloronaphthalene	9.27	162	394512	31.647	nq	96
47) 2-Nitroaniline	9.39	65	103727	31.703	nq	# 82
48) Acenaphthylene	9.69	152	588096	30.629	nq	99
49) Dimethylphthalate	9.55	163	465448	30.975	nq	100
50) 2,6-Dinitrotoluene	9.63	165	106163	33.607	nq	# 77
51) Acenaphthene	9.86	154	357351	30.460	nq	99
52) 3-Nitroaniline	9.80	138	53176	14.286	nq	92
53) 2,4-Dinitrophenol	9.93	184	57727	48.713	nq	# 79
54) Dibenzofuran	10.03	168	541747	32.713	nq	99
55) 4-Nitrophenol	9.99	139	86335	44.392	nq	# 79
56) 2,4-Dinitrotoluene	10.04	165	134970	35.479	nq	92
57) Fluorene	10.38	166	442900	32.301	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	97947	35.513	nq	# 89
59) Diethylphthalate	10.25	149	465470	31.721	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	203031	31.463	nq	95
61) 4-Nitroaniline	10.42	138	102035	28.733	nq	85
62) Azobenzene	10.53	77	396360	32.222	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	54763	24.643	nq	# 73
65) n-Nitrosodiphenylamine	10.49	169	395791	30.328	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	122857	33.010	nq	# 90
67) Hexachlorobenzene	10.93	284	122879	32.272	nq	95
68) Atrazine	11.02	200	128050	32.665	nq	98
69) Pentachlorophenol	11.13	266	83363	51.238	nq	98
70) Phenanthrene	11.35	178	635965	31.876	nq	99
71) Anthracene	11.40	178	654383	32.313	nq	99
72) Carbazole	11.56	167	606012	31.821	nq	98
73) Di-n-butylphthalate	11.87	149	764774	31.484	nq	98
74) Fluoranthene	12.54	202	662594	31.957	nq	99
76) Benzidine	12.66	184	190205	15.994	nq	98
77) Pyrene	12.77	202	672962	32.564	nq	99
79) Butylbenzylphthalate	13.37	149	314140	30.869	nq	90
80) Benzo(a)anthracene	13.97	228	548015	31.808	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	126702	20.259	nq	99
82) Chrysene	14.01	228	528682	32.640	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	435194	30.453	nq	99
84) Di-n-octyl phthalate	14.56	149	757244	30.872	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.96	276	387446	26.056	nq	97
87) Benzo(b)fluoranthene	15.06	252	447889	30.424	nq	98
88) Benzo(k)fluoranthene	15.06	252	447889	32.264	nq	98
89) Benzo(a)pyrene	15.40	252	441424	33.380	nq	98
90) Dibenzo(a,h)anthracene	16.95	278	326828	27.814	nq	97
91) Benzo(g,h,i)perylene	17.40	276	317581	27.625	nq	96

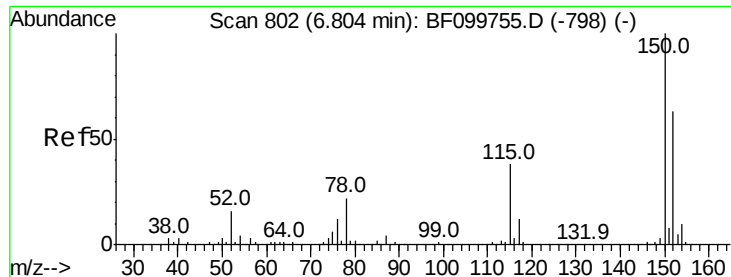
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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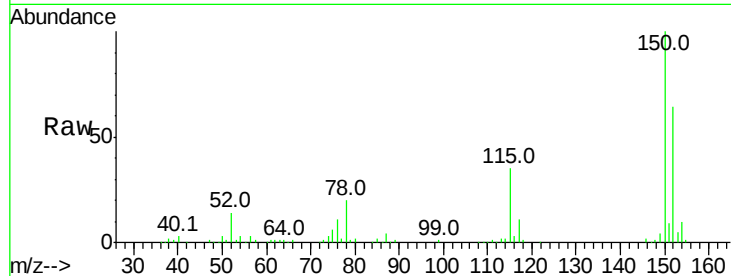


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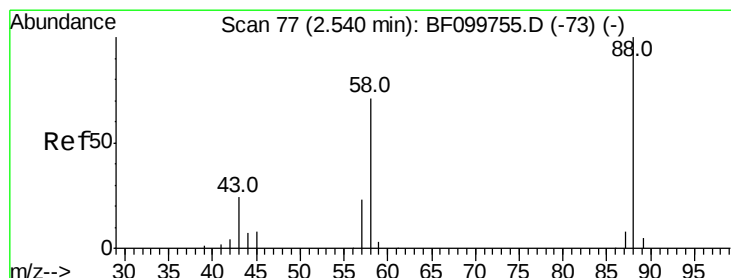
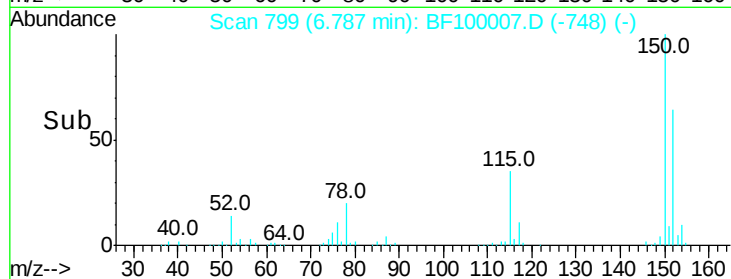
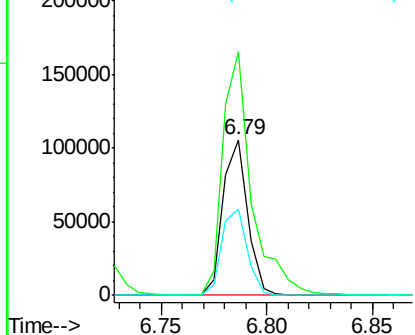
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 84942
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 55.3 50.1 75.1



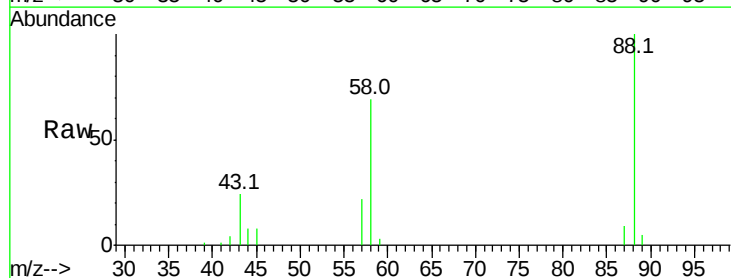
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



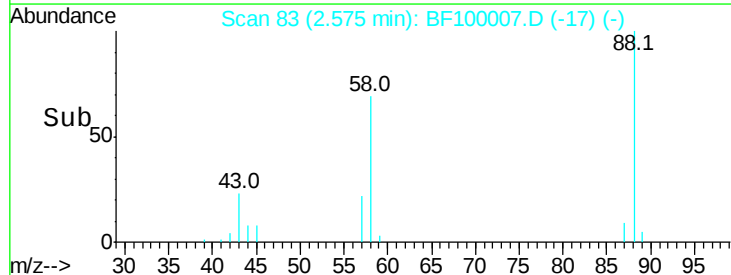
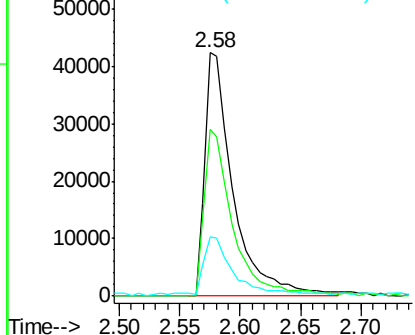
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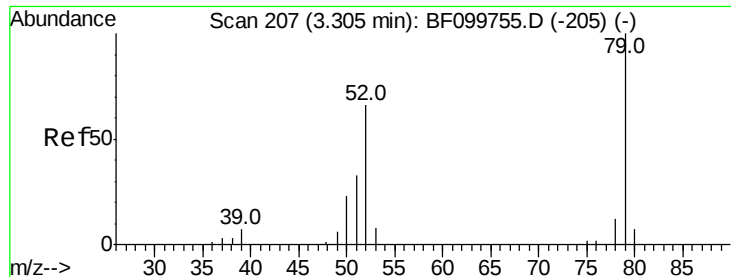
1,4-Dioxane
 Concen: 28.942 ng
 RT: 2.58 min Scan# 83
 Delta R.T. 0.09 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion: 88 Resp: 69149
 Ion Ratio Lower Upper
 88 100
 58 69.2 62.6 93.8
 43 28.5 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1

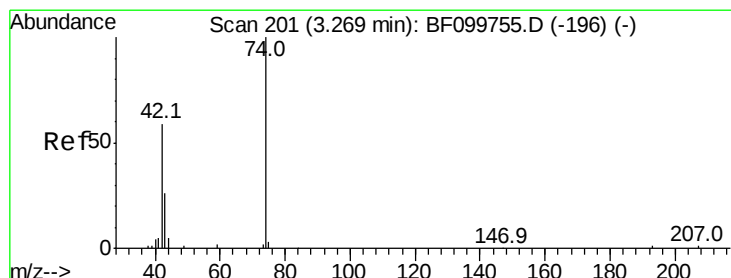
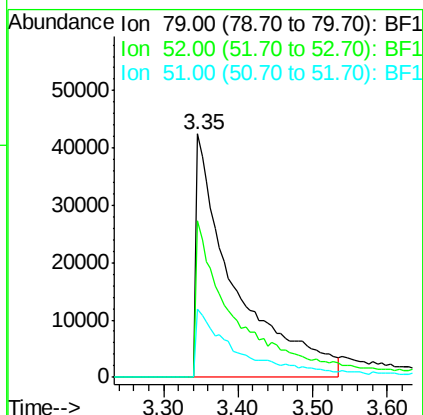
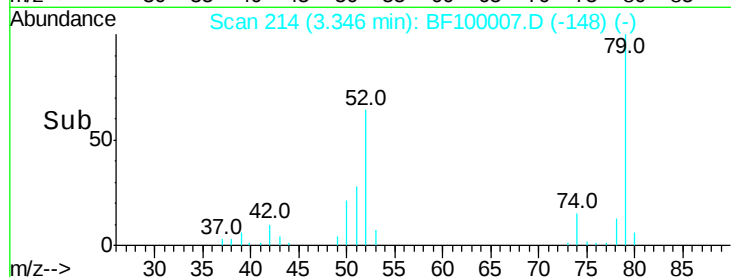
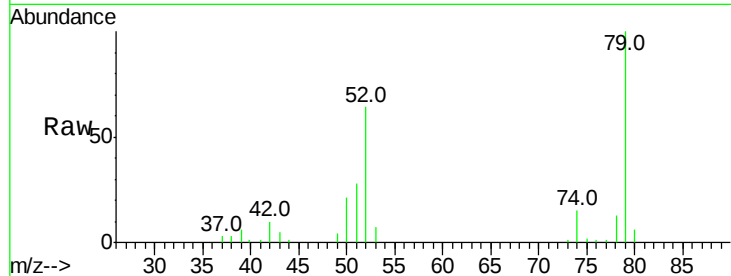




#3
 Pvrindine
 Concen: 26.522 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

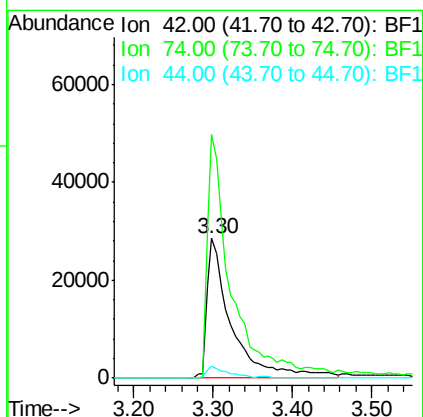
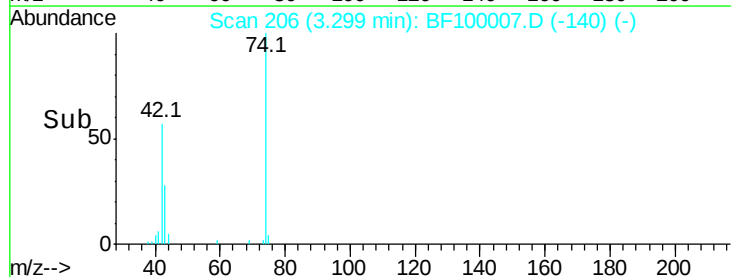
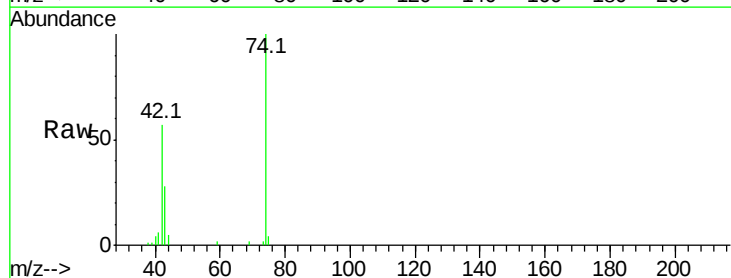
Instrument :
 BNA_F
 ClientSampleId :

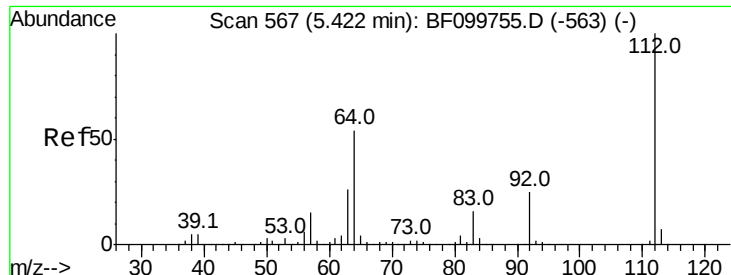
Tot Ion: 79 Resp: 152381
 Ion Ratio Lower Upper
 79 100
 52 64.1 59.8 89.6
 51 28.0 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 30.038 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.09 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion: 42 Resp: 61657
 Ion Ratio Lower Upper
 42 100
 74 174.5 104.9 157.3#
 44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 68.459 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampled :

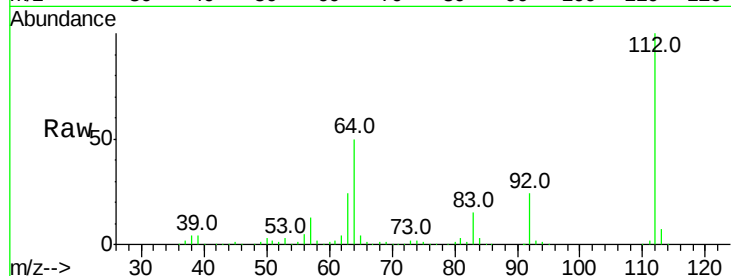
Tot Ion:112 Resp: 370393

Ion Ratio Lower Upper

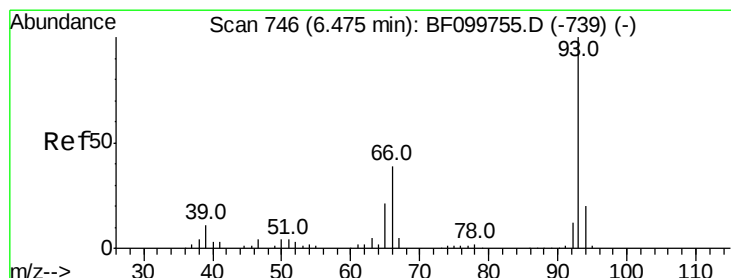
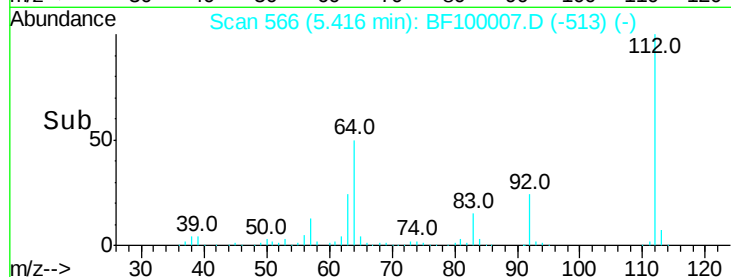
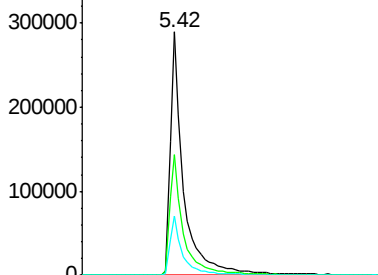
112 100

64 49.8 47.9 71.9

63 24.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.299 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

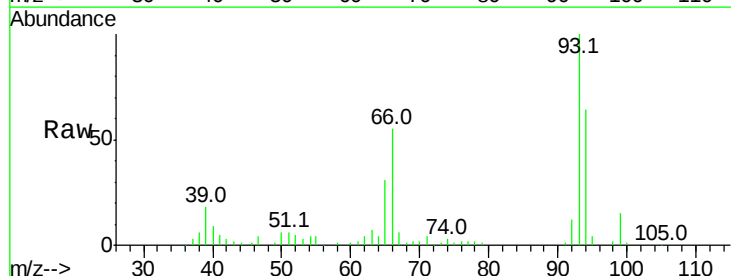
Tgt Ion: 93 Resp: 118943

Ion Ratio Lower Upper

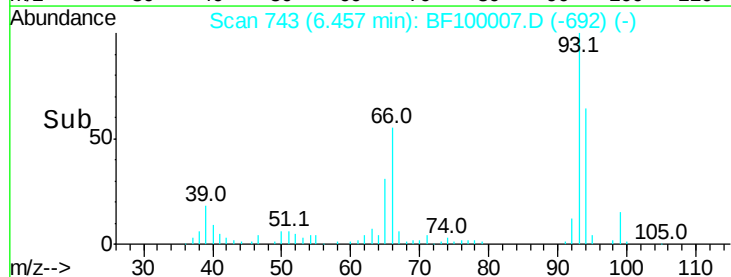
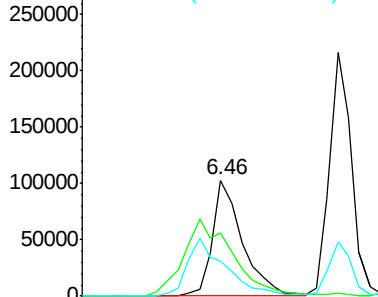
93 100

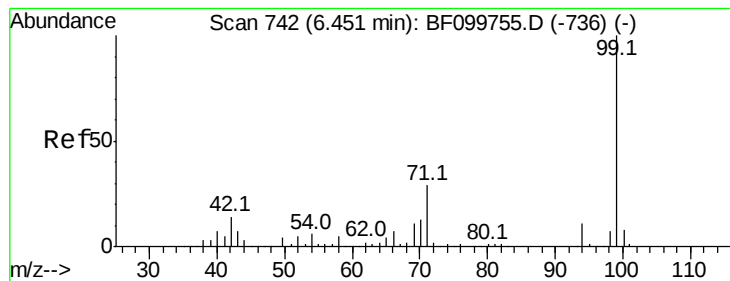
66 54.9 32.2 48.2#

65 30.5 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.151 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

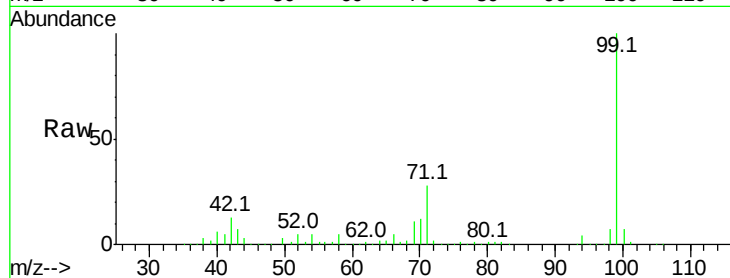
Tot Ion: 99 Resp: 437205

Ion Ratio Lower Upper

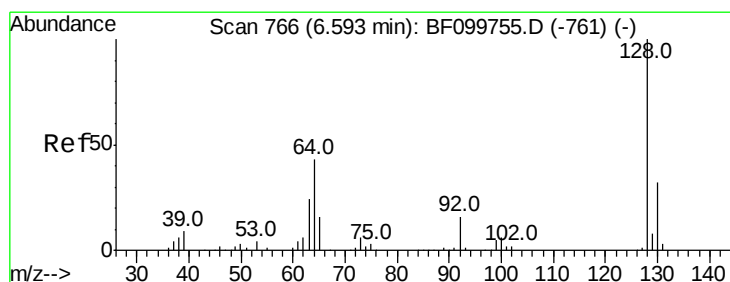
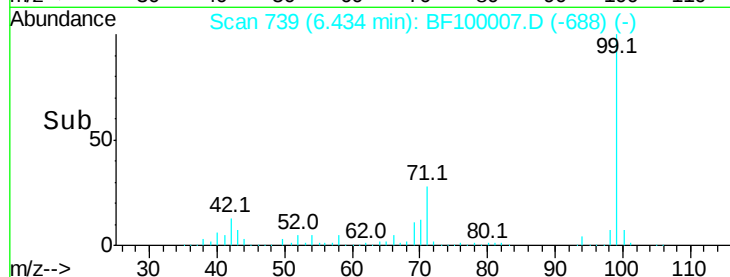
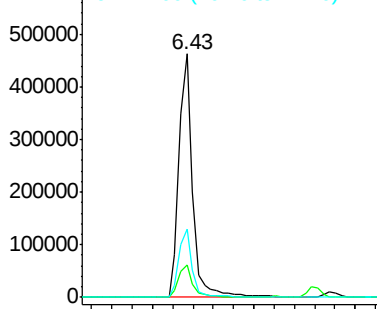
99 100

42 13.2 14.5 21.7#

71 28.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.130 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

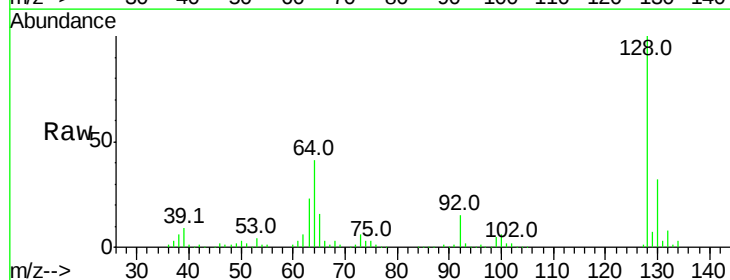
Tgt Ion: 128 Resp: 208341

Ion Ratio Lower Upper

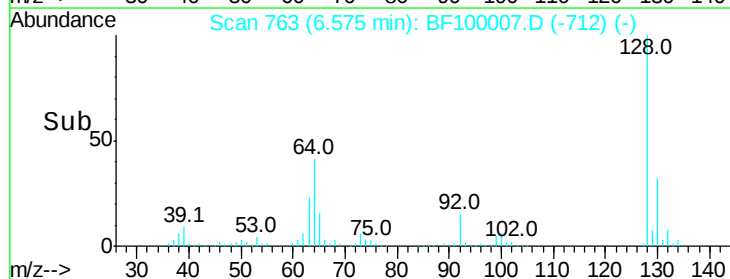
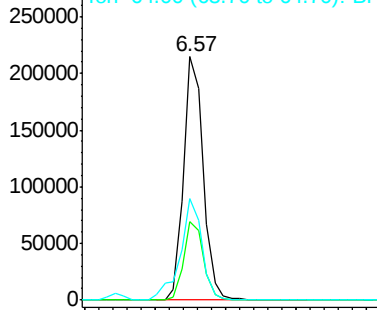
128 100

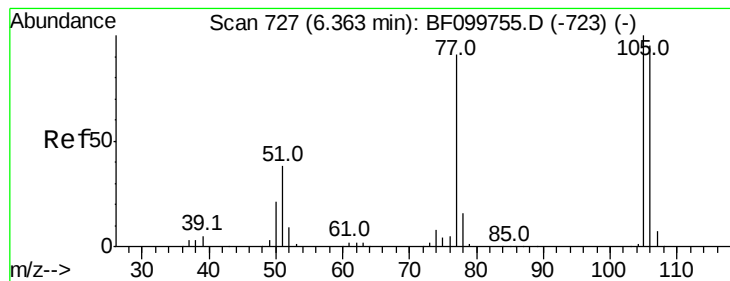
130 32.1 13.0 53.0

64 41.5 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): BF1





#9

Benzaldehyde

Concen: 20.915 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

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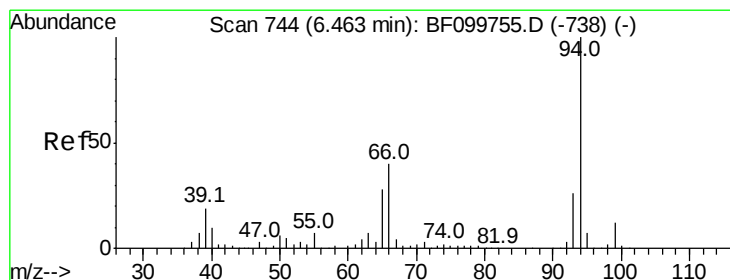
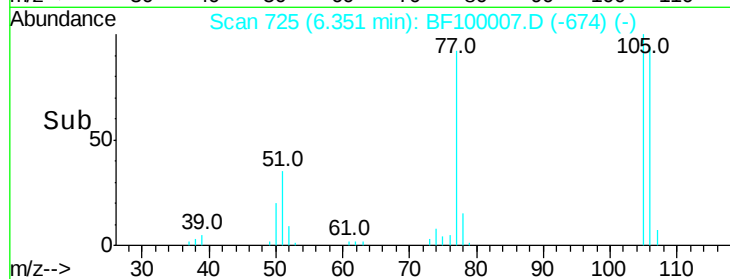
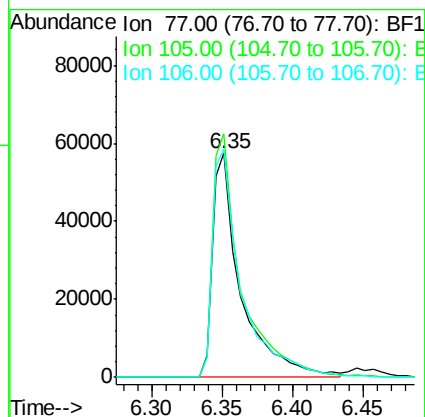
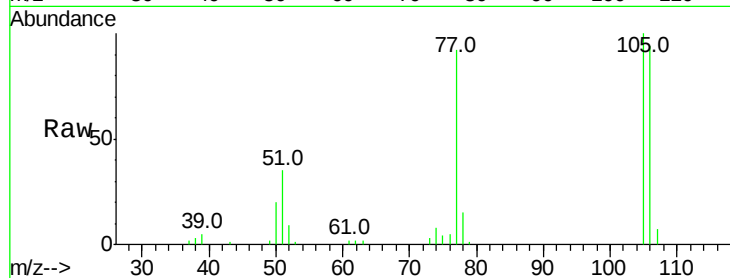
Tot Ion: 77 Resp: 80180

Ion Ratio Lower Upper

77 100

105 108.8 81.1 121.1

106 101.7 74.5 114.5



#10

Phenol

Concen: 34.394 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

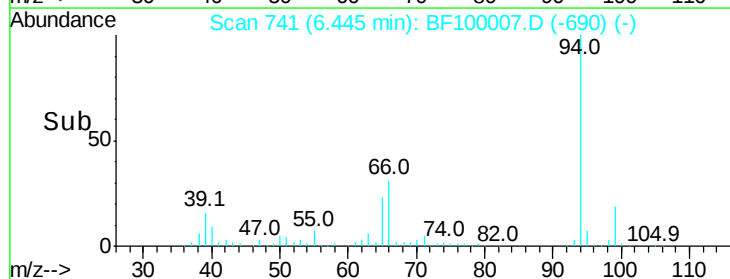
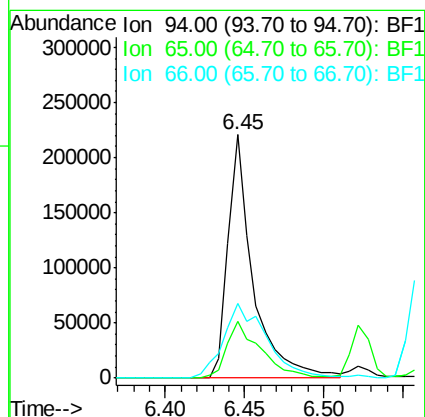
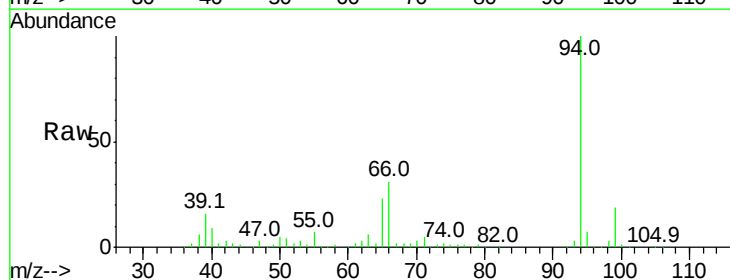
Tgt Ion: 94 Resp: 242256

Ion Ratio Lower Upper

94 100

65 23.2 7.9 47.9

66 30.9 16.2 56.2



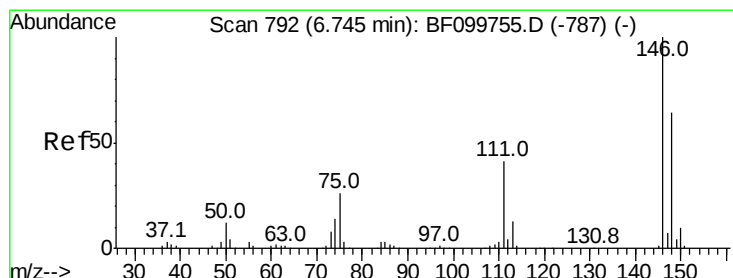
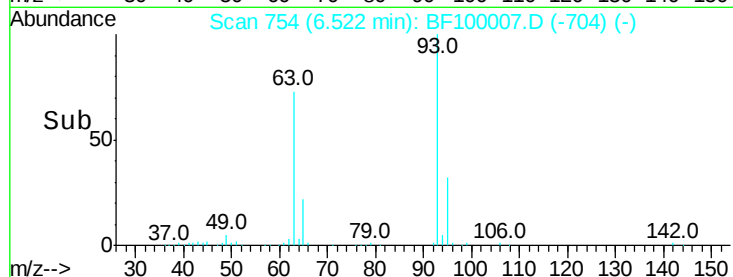
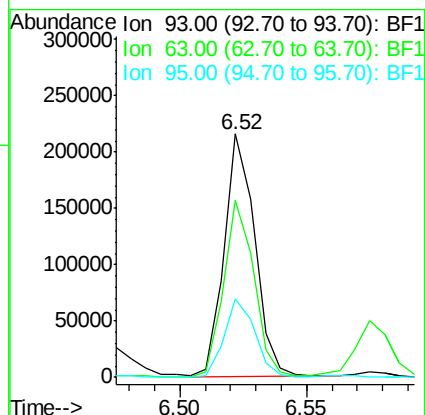
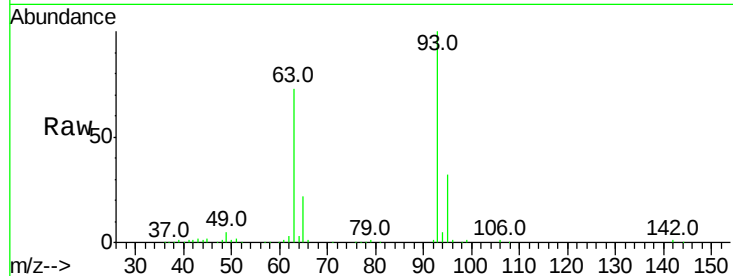


#11

bis(2-Chloroethyl)ether
Concen: 33.070 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampled :

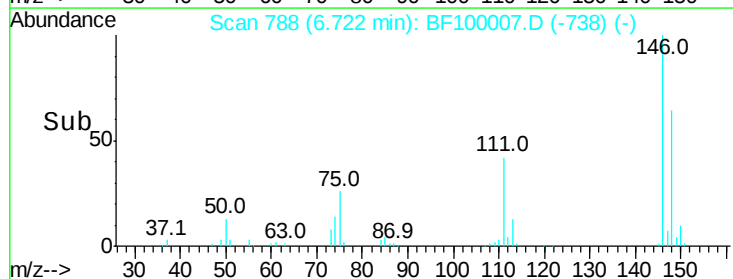
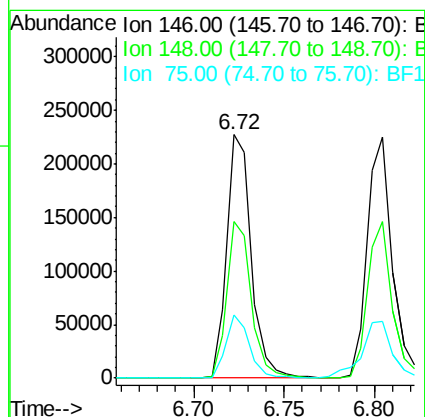
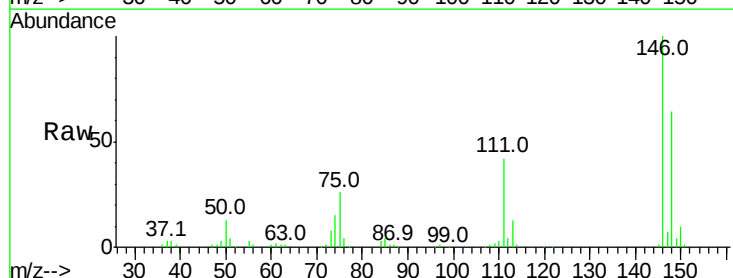
Tot Ion: 93 Resp: 179872
Ion Ratio Lower Upper
93 100
63 72.9 58.6 98.6
95 32.1 11.8 51.8

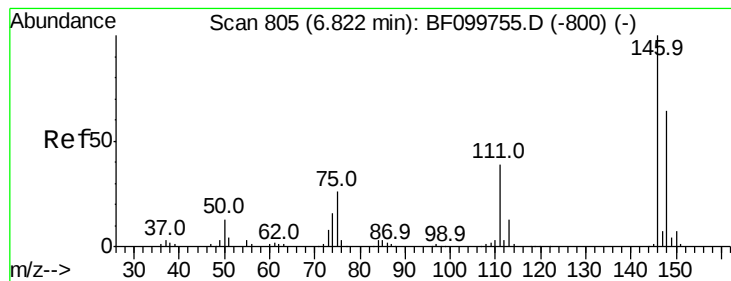


#12

1,3-Dichlorobenzene
Concen: 33.153 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion: 146 Resp: 214655
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 25.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 33.536 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

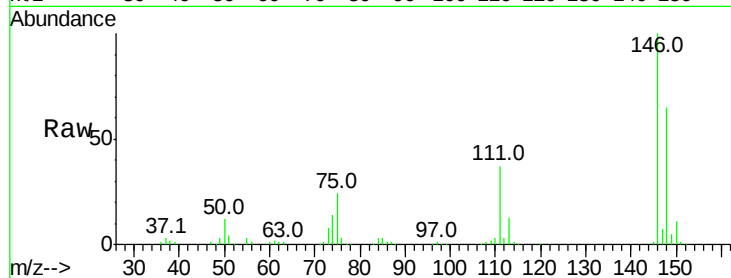
Tot Ion:146 Resp: 220373

Ion Ratio Lower Upper

146 100

148 64.9 50.8 76.2

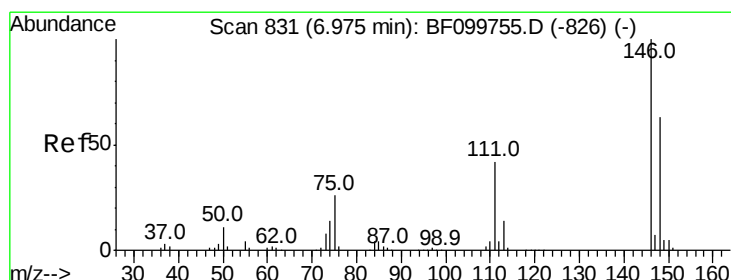
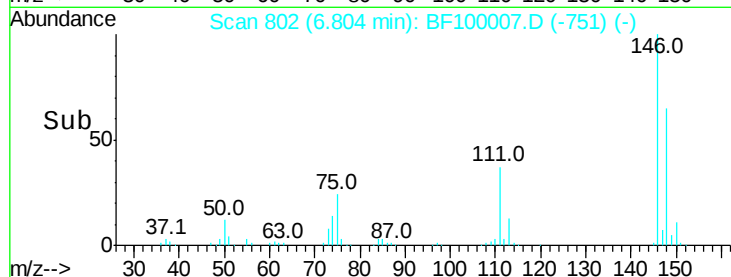
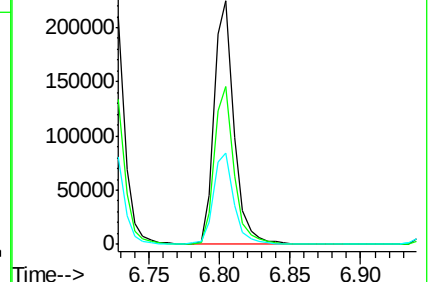
111 37.5 34.2 51.2



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: 33.965 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

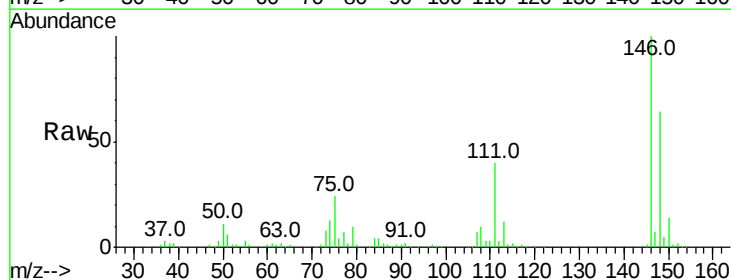
Tgt Ion:146 Resp: 203413

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

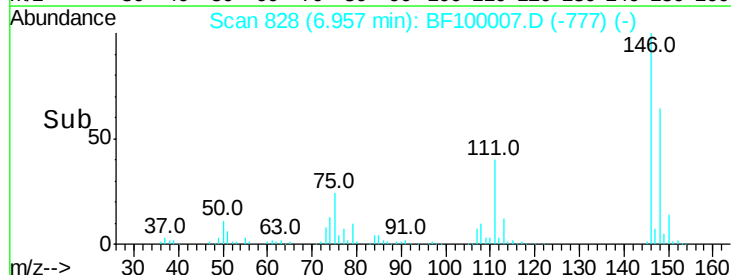
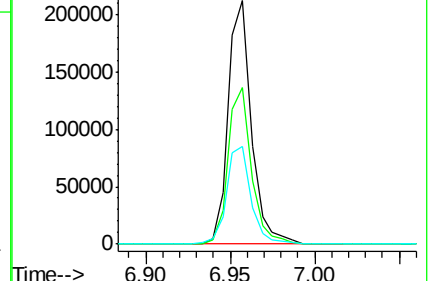
111 40.3 36.0 54.0

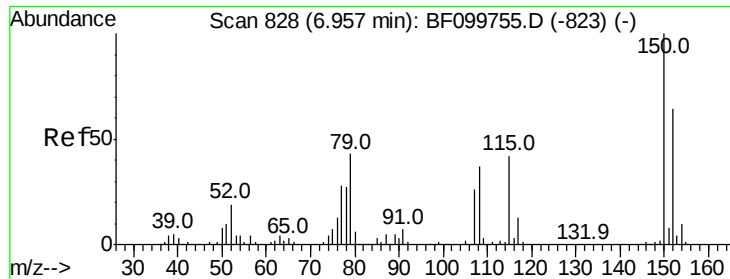


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

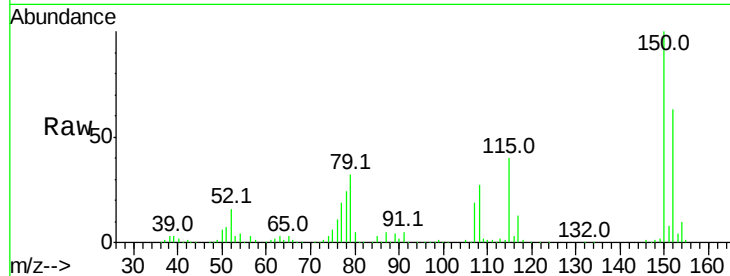




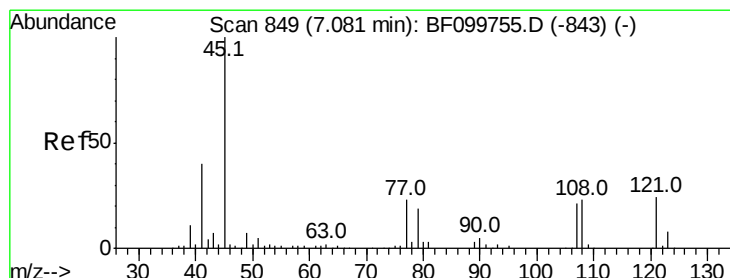
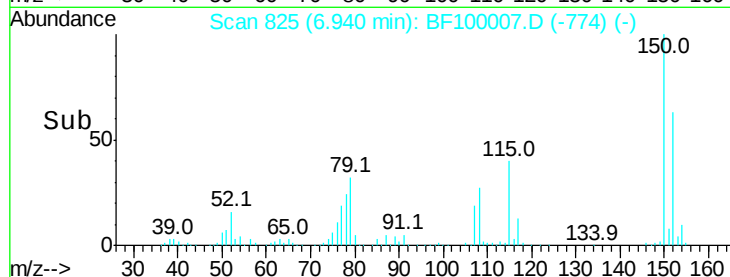
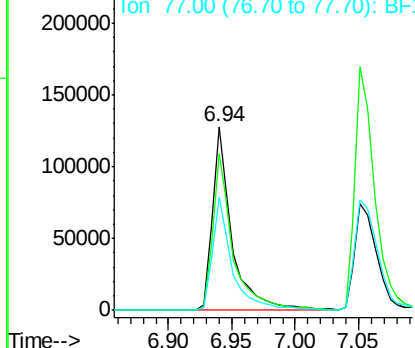
#15
Benzyl Alcohol
Concen: 34.316 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 140004
Ion Ratio Lower Upper
79 100
108 85.0 65.1 97.7
77 61.1 50.6 75.8

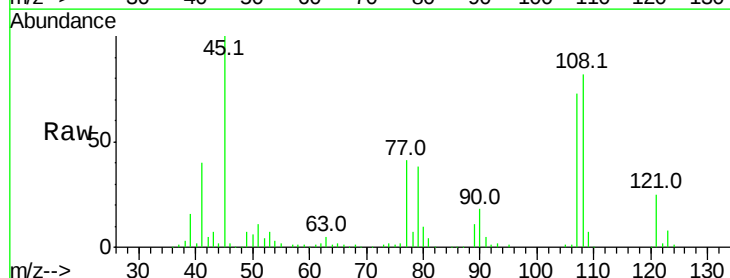


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

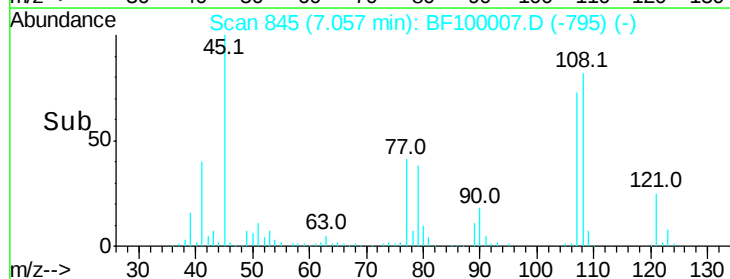
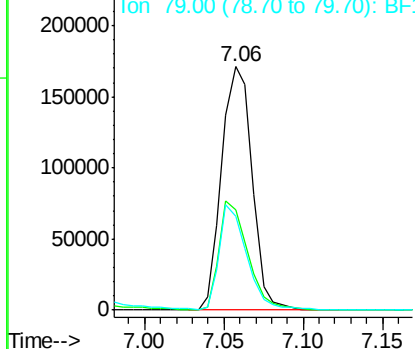


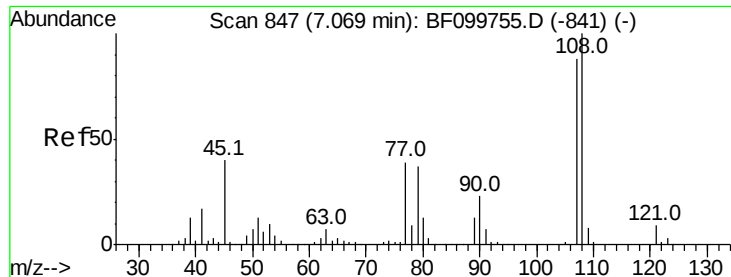
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.878 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion: 45 Resp: 228861
Ion Ratio Lower Upper
45 100
77 41.0 0.0 32.9#
79 38.5 0.0 29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.852 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 168107

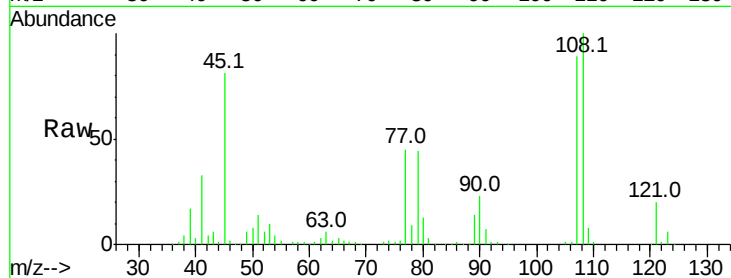
Ion Ratio Lower Upper

107 100

108 112.0 91.7 137.5

77 50.7 33.8 50.8

79 48.9 33.8 50.8

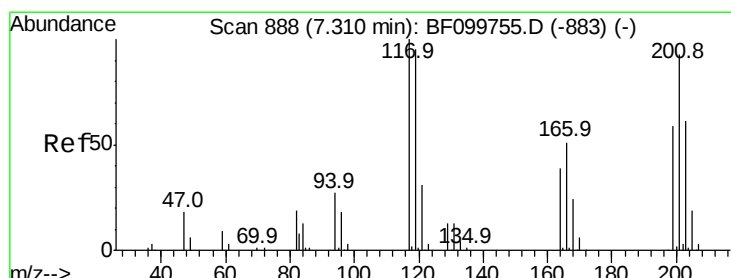
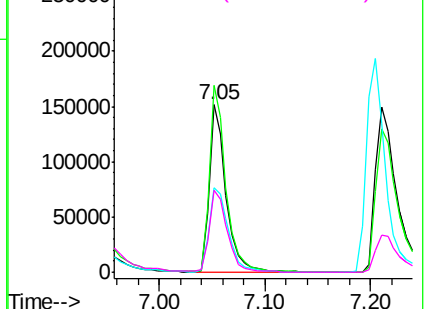
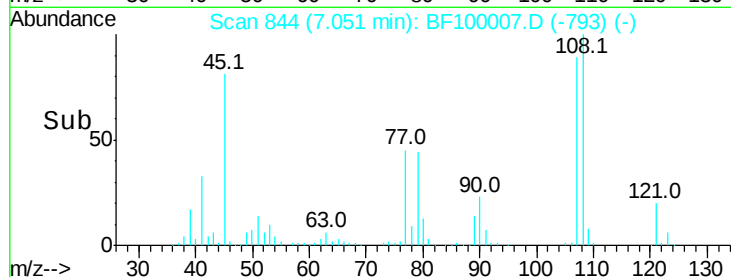


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 32.859 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

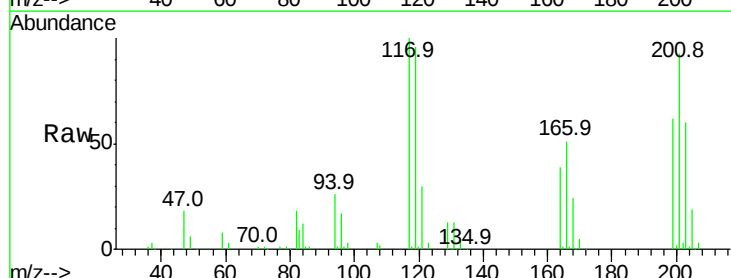
Tgt Ion:117 Resp: 72036

Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.8

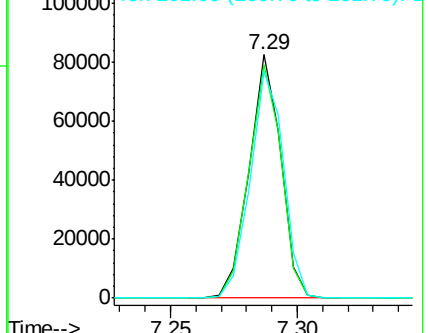
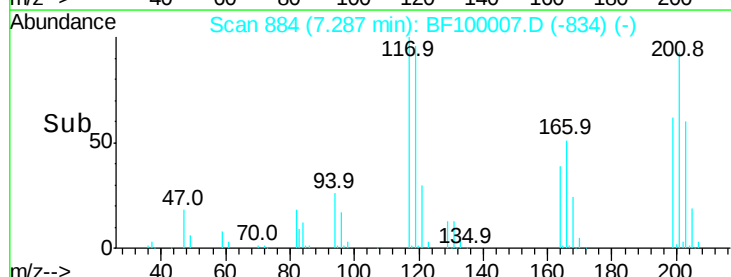
201 93.4 75.7 113.5

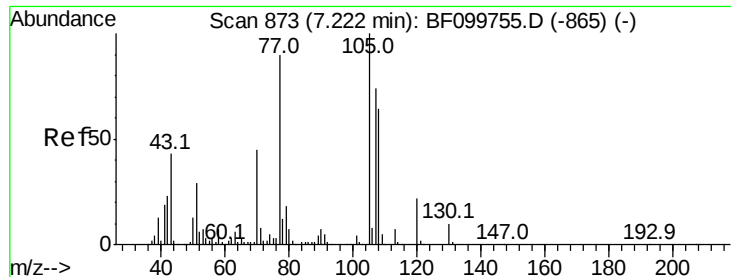


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

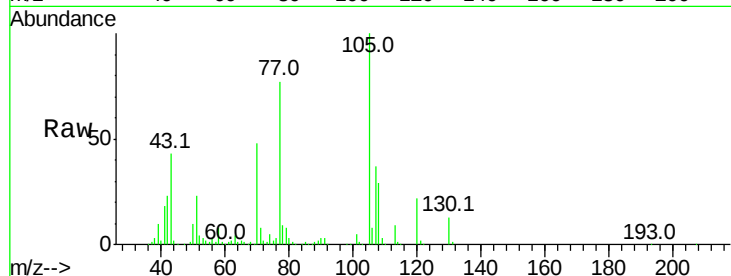




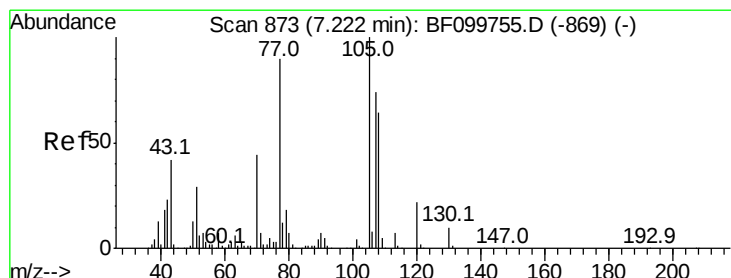
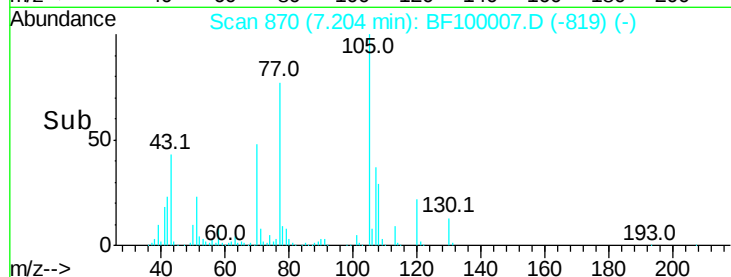
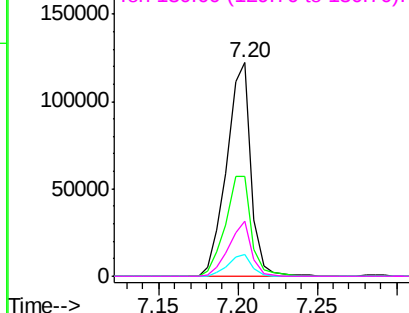
#19
n-Nitroso-di-n-propylamine
Concen: 34.419 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 129397
Ion Ratio Lower Upper
70 100
42 46.9 47.5 71.3#
101 10.1 7.4 11.2
130 26.0 16.6 25.0#

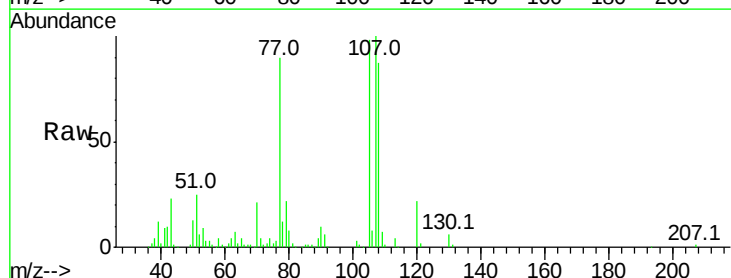


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

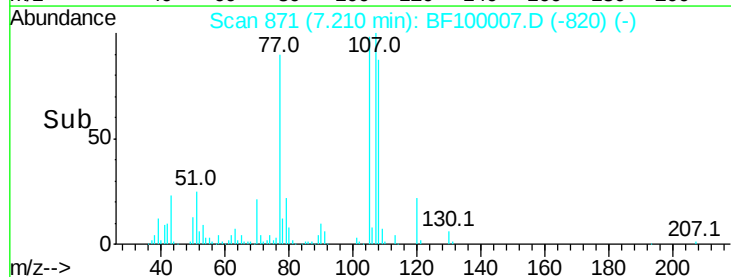
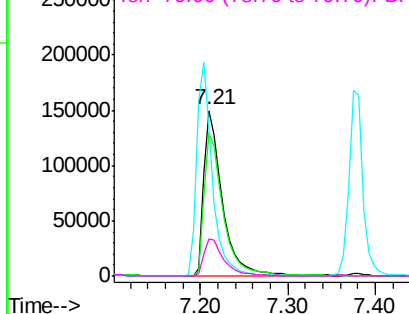


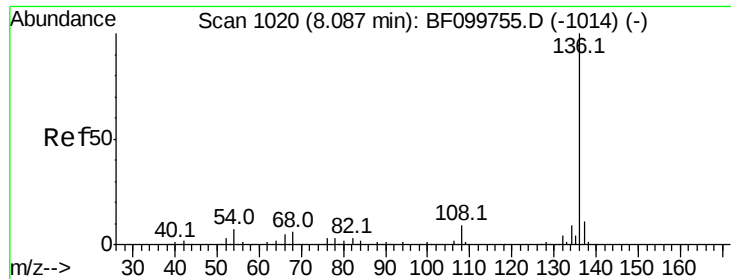
#20
3+4-Methylphenols
Concen: 39.582 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion: 107 Resp: 222303
Ion Ratio Lower Upper
107 100
108 86.8 68.2 108.2
77 89.6 26.7 66.7#
79 22.4 6.3 46.3



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

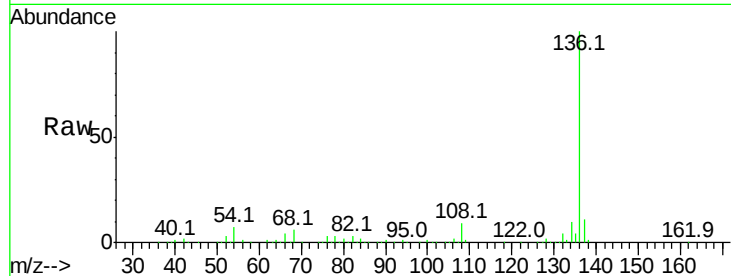




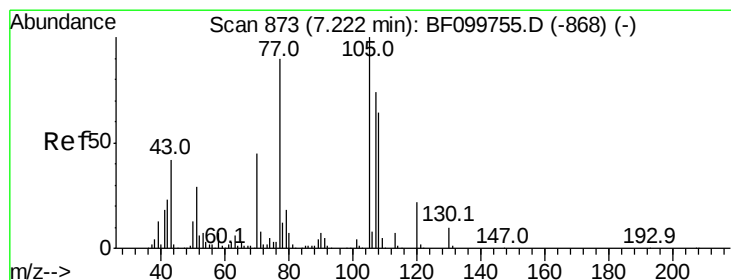
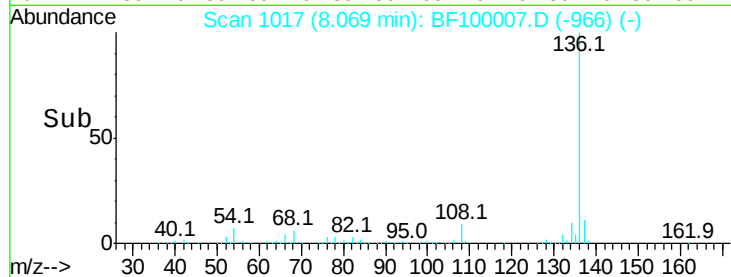
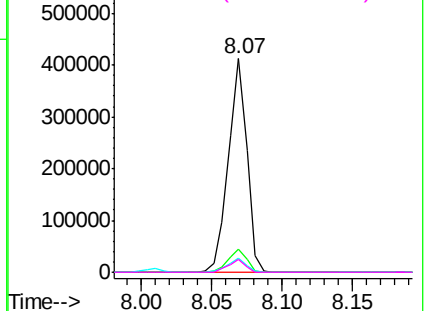
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	375930
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	6.6	9.8
68	5.8	5.0	7.4

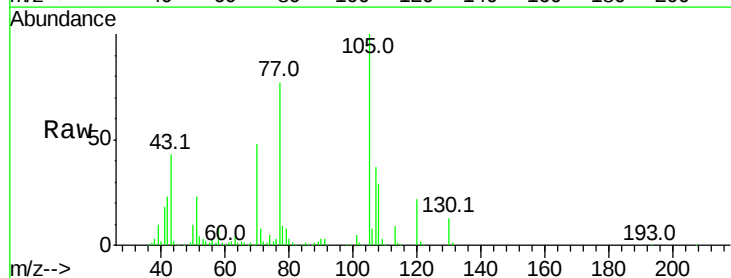


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

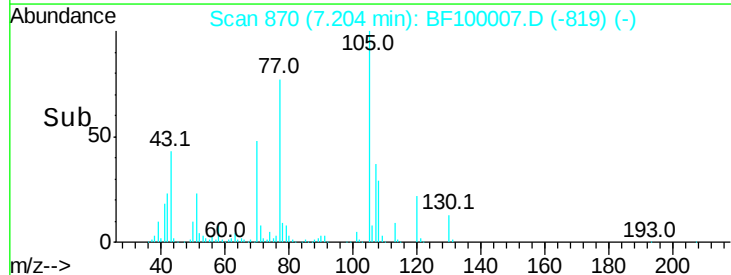
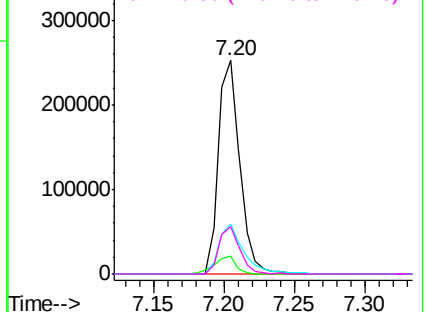


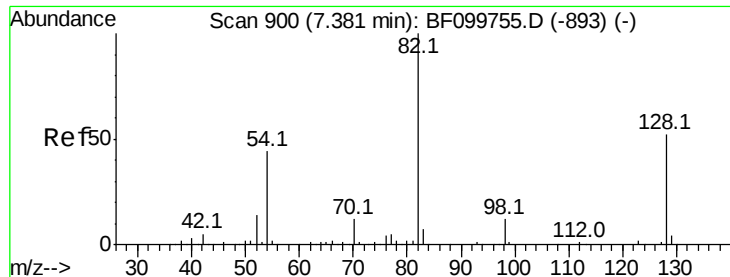
#22
Acetophenone
Concen: 31.167 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:	105	Resp:	266777
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	23.2	22.3	33.5
120	22.3	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

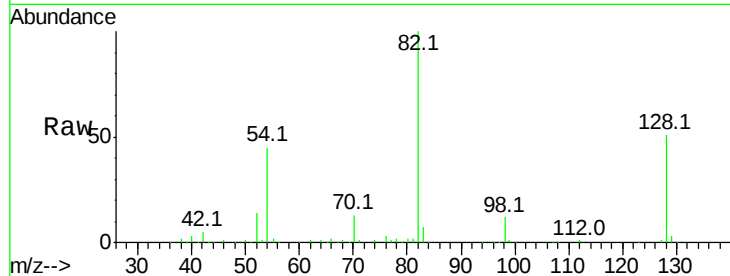




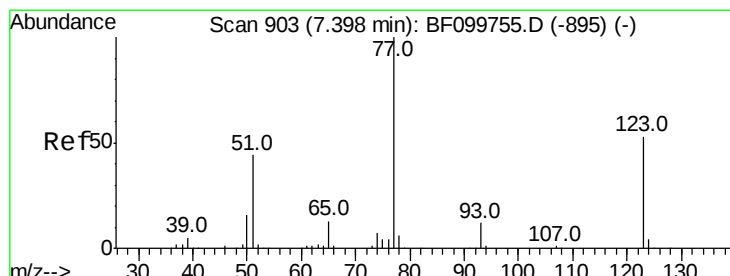
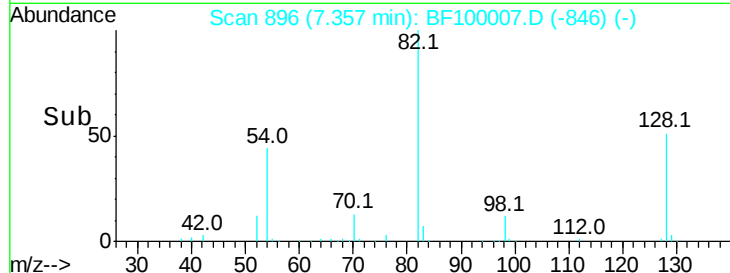
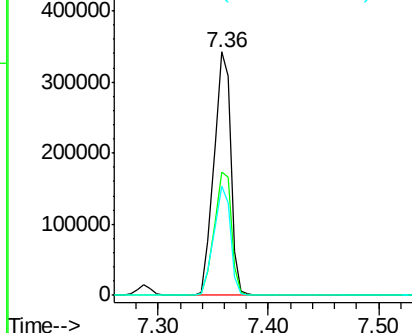
#23
 Nitrobenzene-d5
 Concen: 61.619 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 359804
 Ion Ratio Lower Upper
 82 100
 128 50.9 36.1 54.1
 54 45.0 41.4 62.2

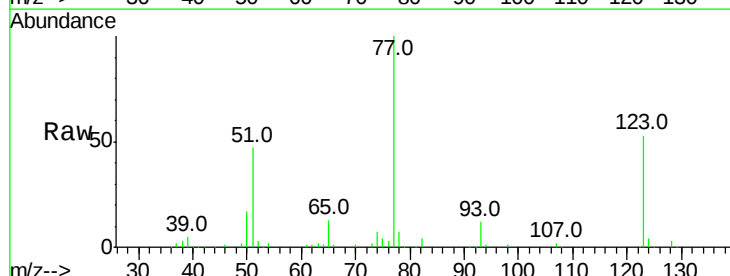


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

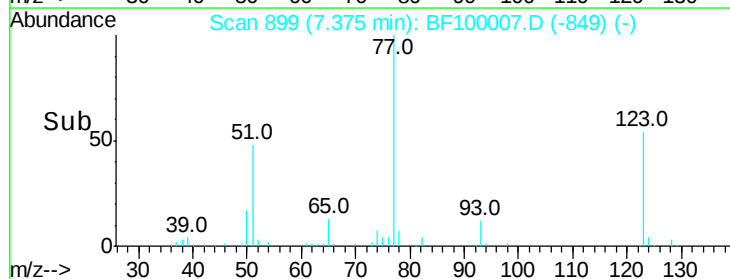
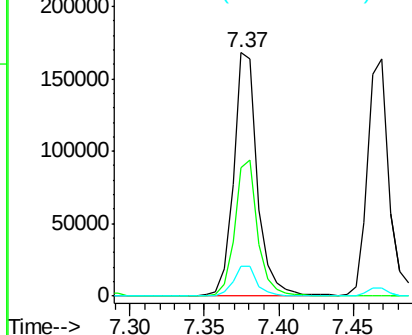


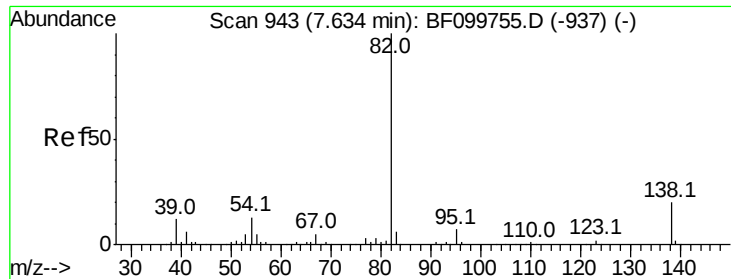
#24
 Nitrobenzene
 Concen: 32.015 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion: 77 Resp: 188361
 Ion Ratio Lower Upper
 77 100
 123 52.9 37.9 56.9
 65 12.5 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

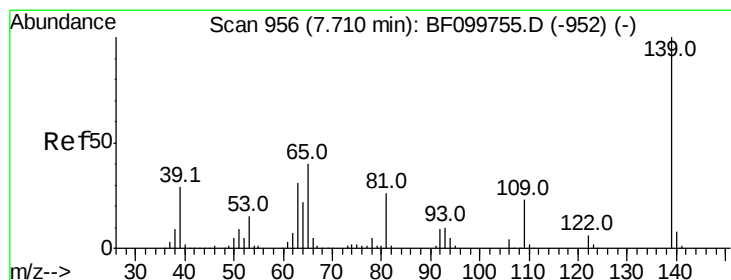
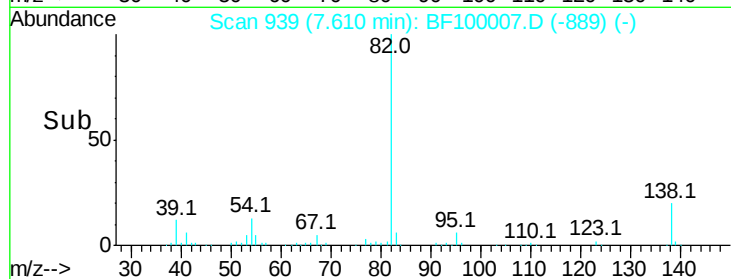
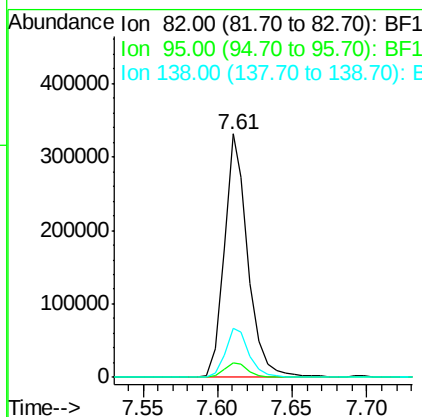
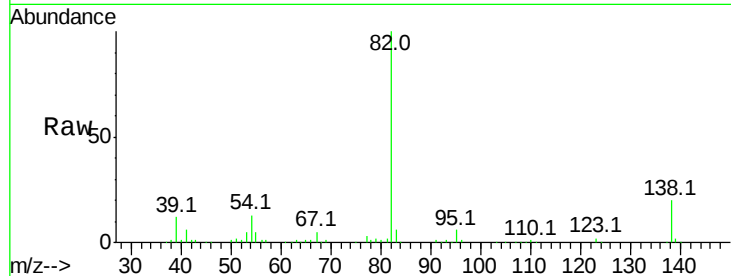




#25
Isophorone
Concen: 34.682 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

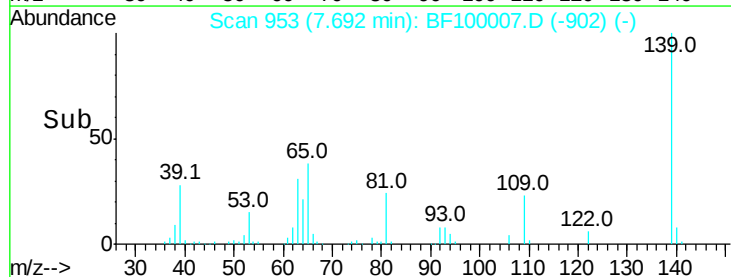
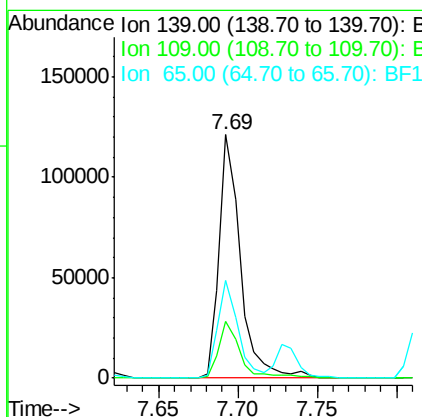
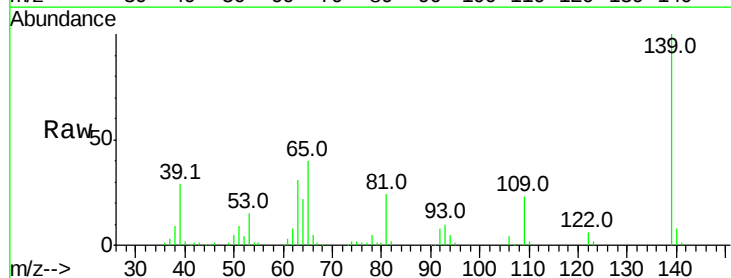
Instrument :
BNA_F
ClientSampleId :

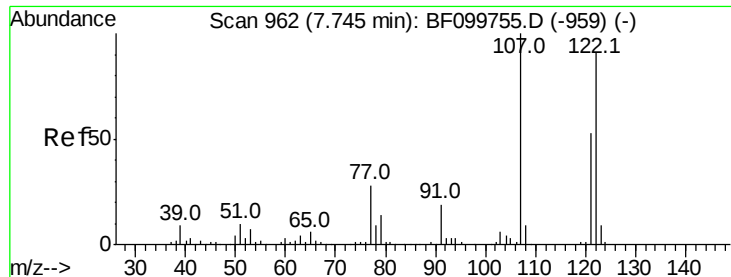
Tot Ion: 82 Resp: 367479
Ion Ratio Lower Upper
82 100
95 6.1 5.2 7.8
138 20.0 14.9 22.3



#26
2-Nitrophenol
Concen: 33.761 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion: 139 Resp: 113767
Ion Ratio Lower Upper
139 100
109 23.2 22.7 34.1
65 40.2 40.5 60.7#

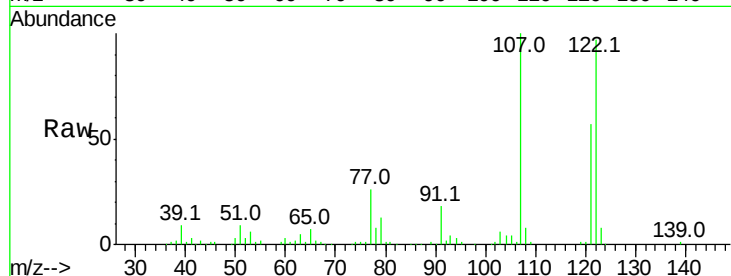




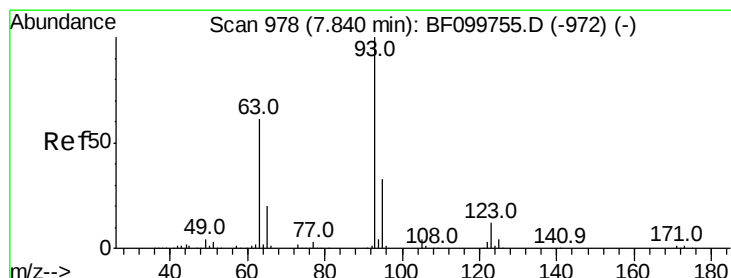
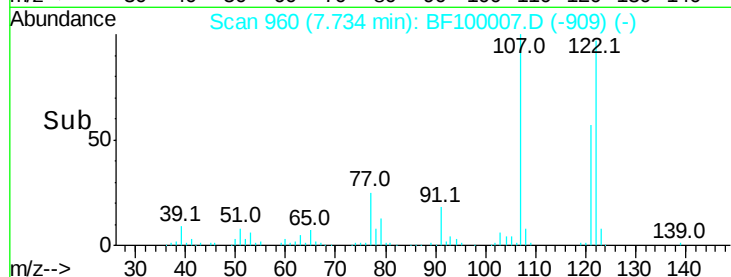
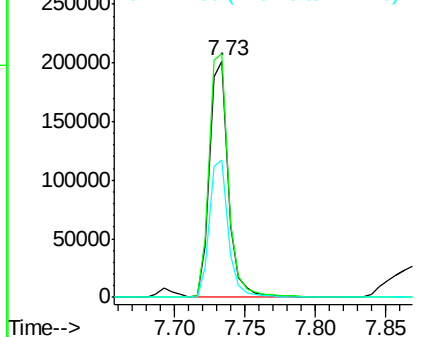
#27
2,4-Dimethylphenol
Concen: 37.847 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 187912
Ion Ratio Lower Upper
122 100
107 103.2 91.2 136.8
121 58.5 47.2 70.8

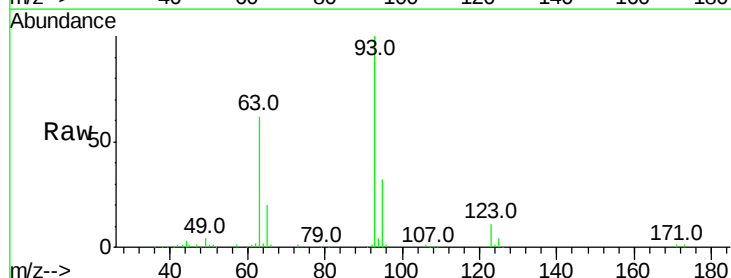


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

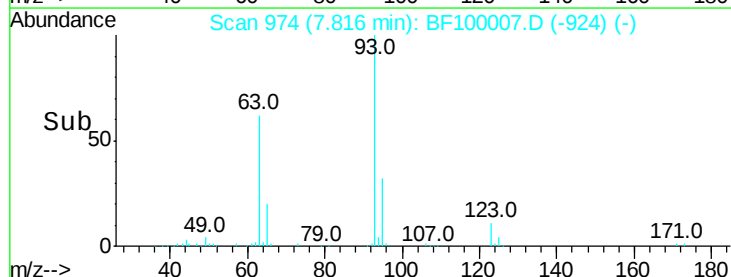
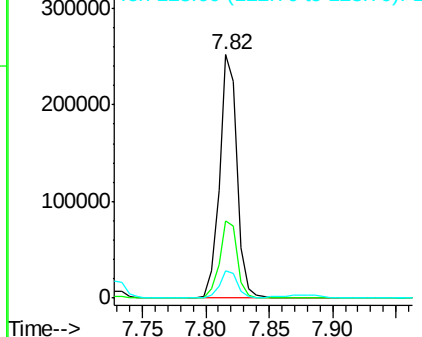


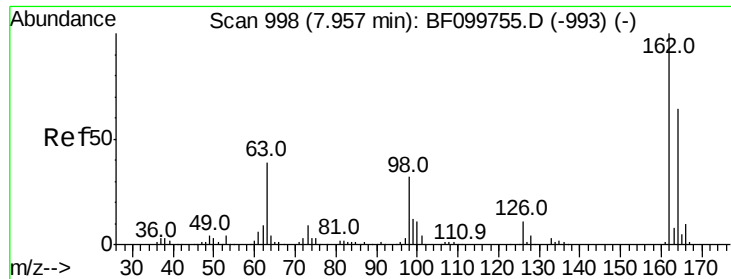
#28
bis(2-Chloroethoxy)methane
Concen: 32.832 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion: 93 Resp: 243629
Ion Ratio Lower Upper
93 100
95 31.7 26.3 39.5
123 11.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

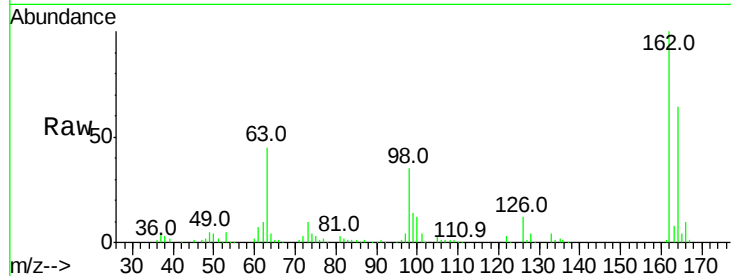




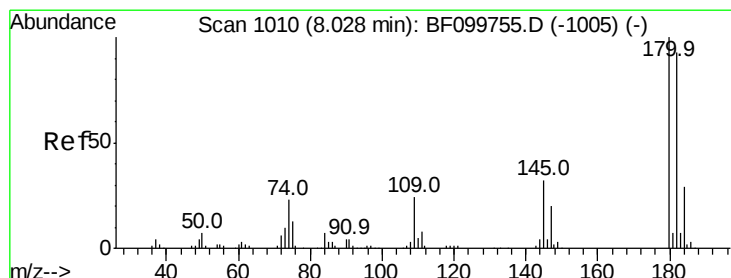
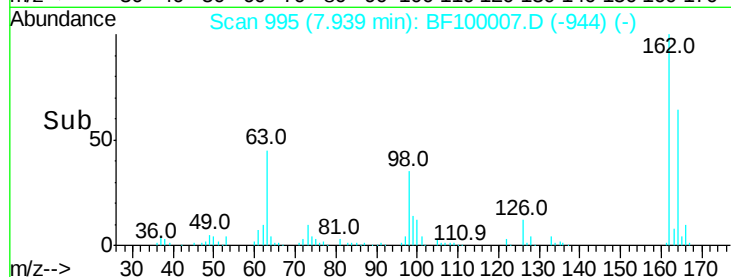
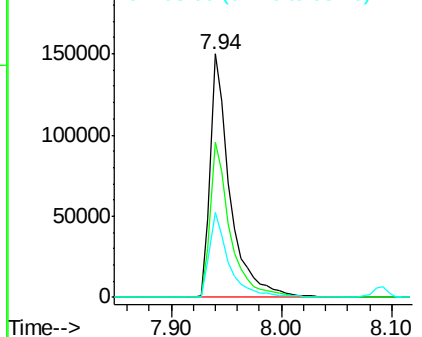
#29
 2,4-Dichlorophenol
 Concen: 35.494 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	35.1	18.1	58.1

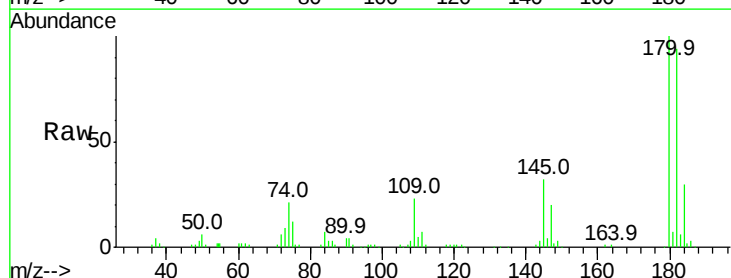


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

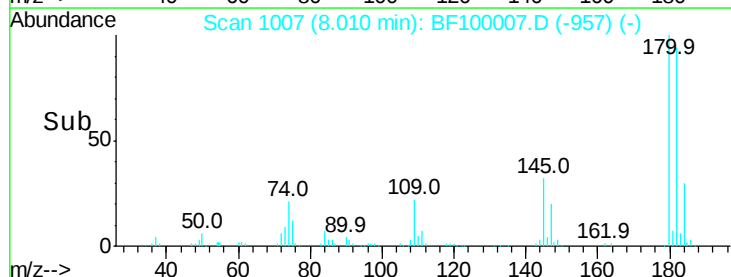
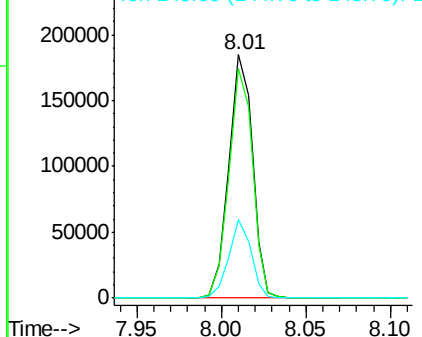


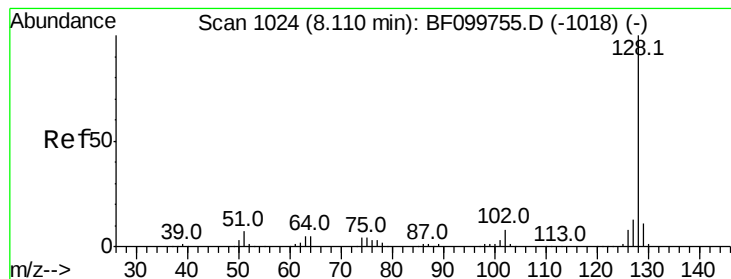
#30
 1,2,4-Trichlorobenzene
 Concen: 32.673 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	32.1	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: 32.671 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

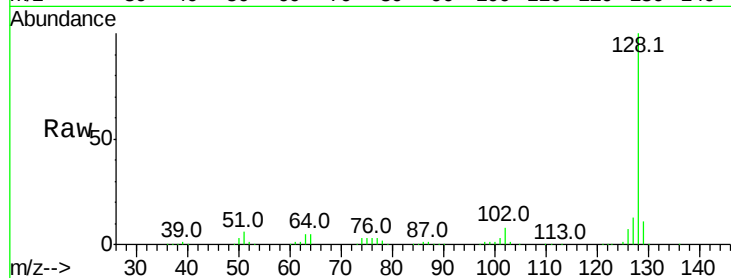
Tot Ion:128 Resp: 592869

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

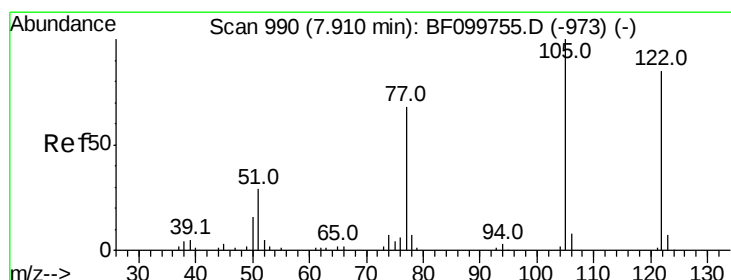
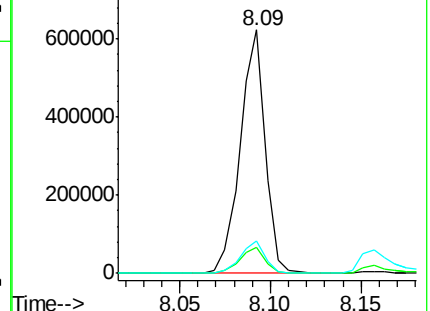
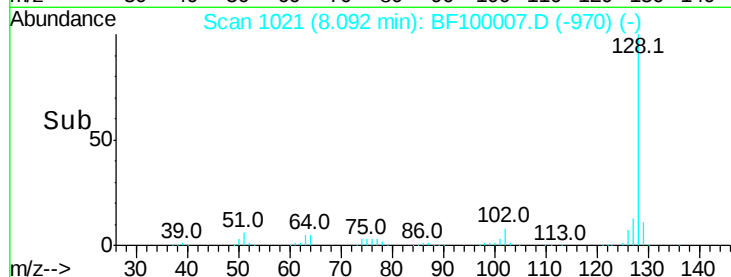
127 13.1 10.9 16.3



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: 19.597 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

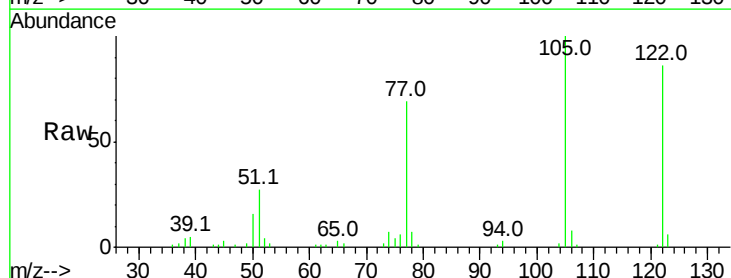
Tgt Ion:122 Resp: 85645

Ion Ratio Lower Upper

122 100

105 116.6 101.1 141.1

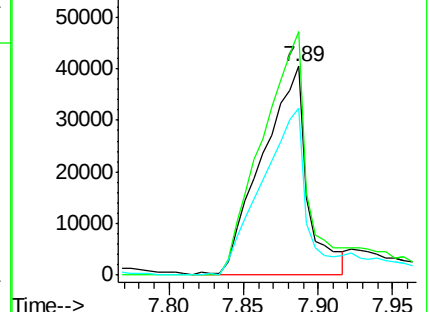
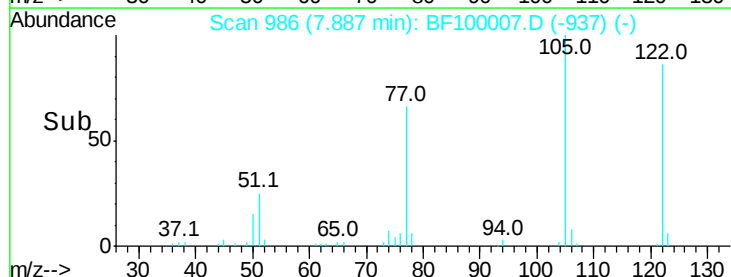
77 80.0 70.7 110.7

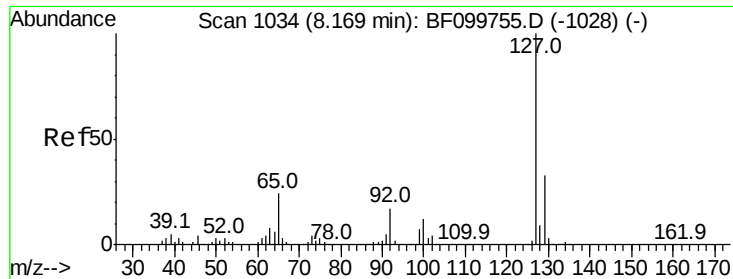


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

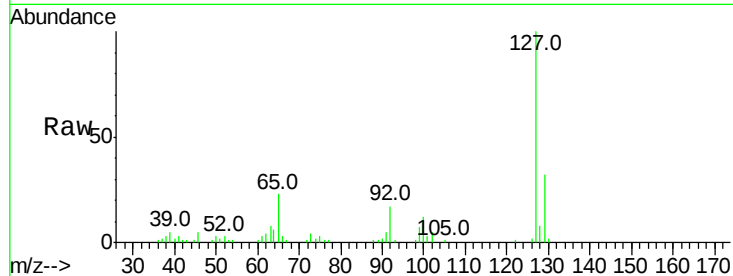




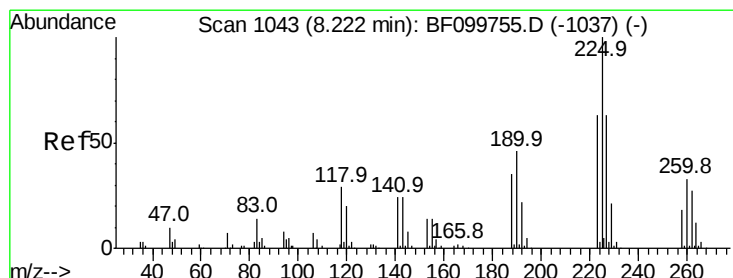
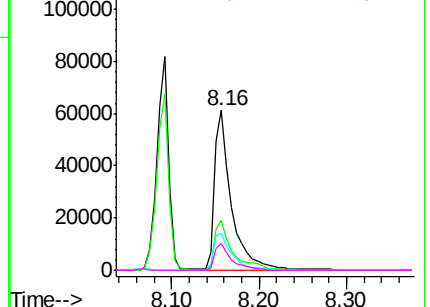
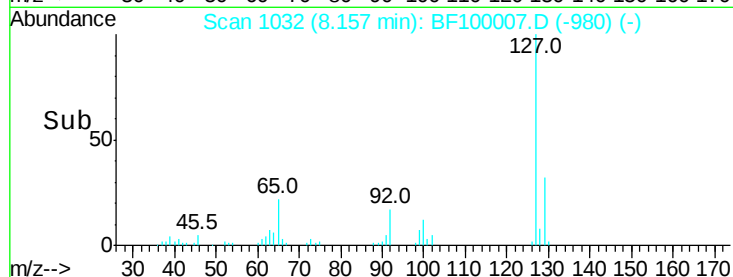
#33
4-Chloroaniline
Concen: 11.035 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 82691
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 23.1 25.0 37.4#
92 16.7 15.2 22.8

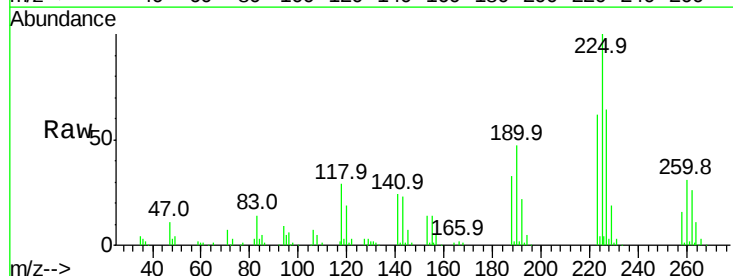


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

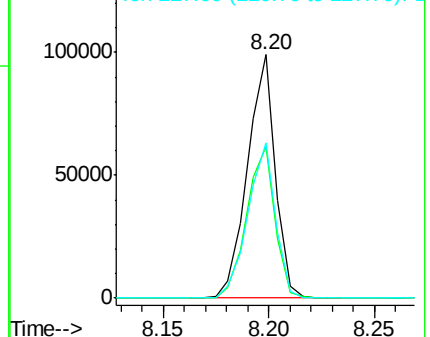
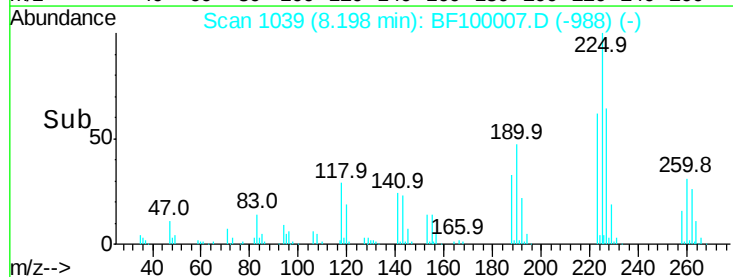


#34
Hexachlorobutadiene
Concen: 31.792 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:225 Resp: 90119
Ion Ratio Lower Upper
225 100
223 62.1 50.6 76.0
227 64.0 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

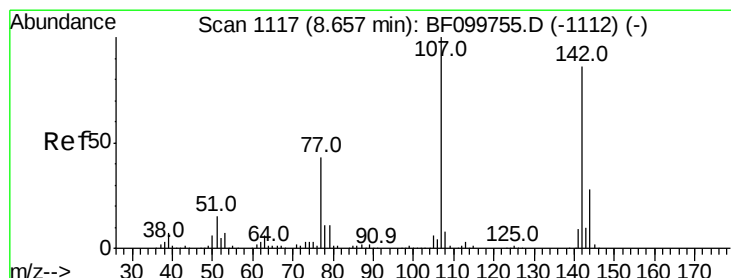
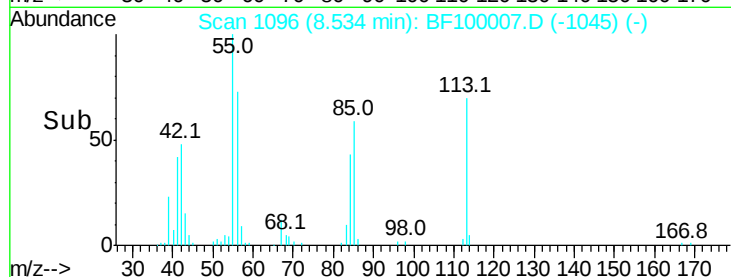
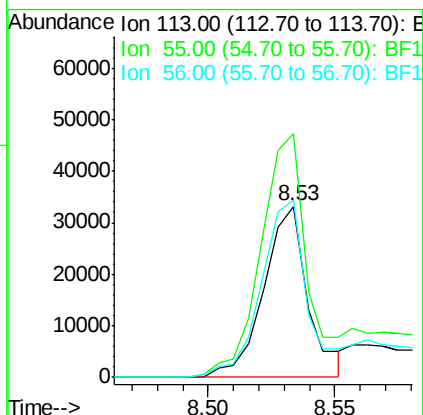
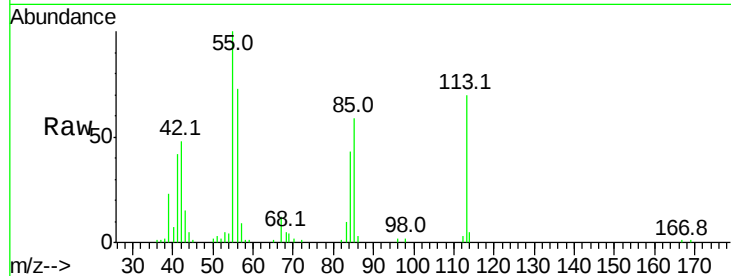




#35
Caprolactam
Concen: 24.661 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

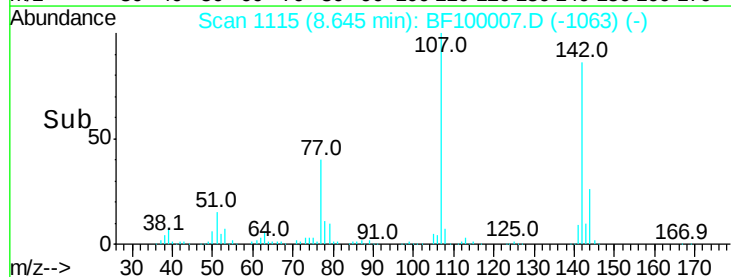
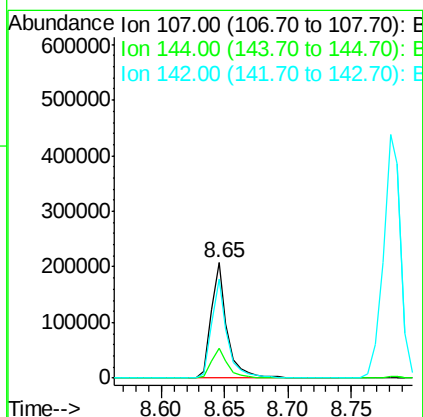
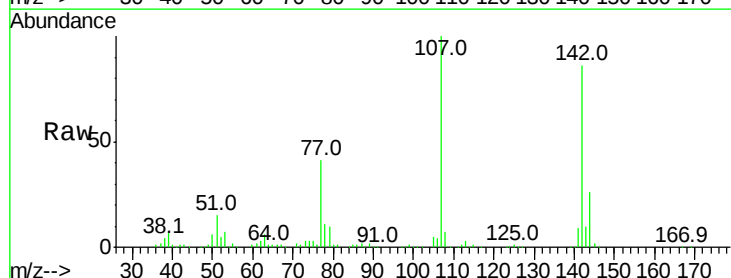
Instrument :
BNA_F
ClientSampled :

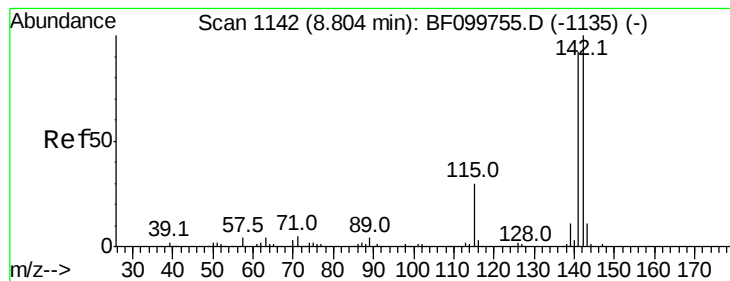
Tot Ion:113 Resp: 40000
Ion Ratio Lower Upper
113 100
55 142.5 163.3 203.3#
56 103.5 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 34.796 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:107 Resp: 183182
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 85.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 34.781 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampled :

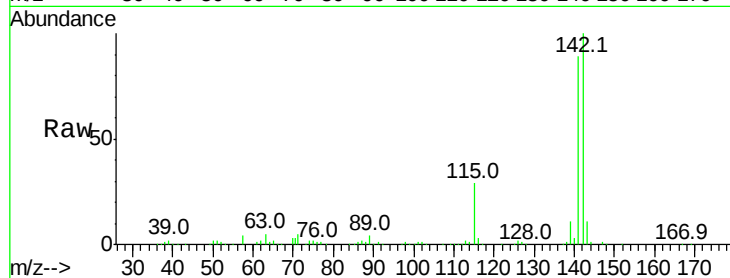
Tot Ion:142 Resp: 422959

Ion Ratio Lower Upper

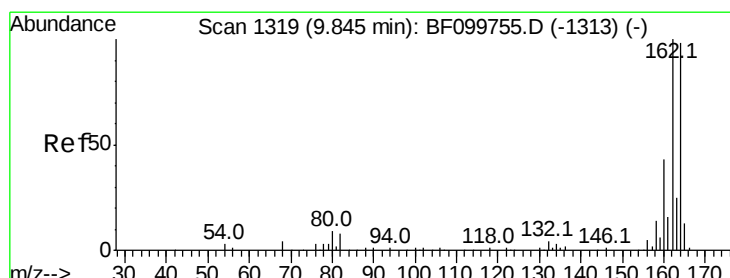
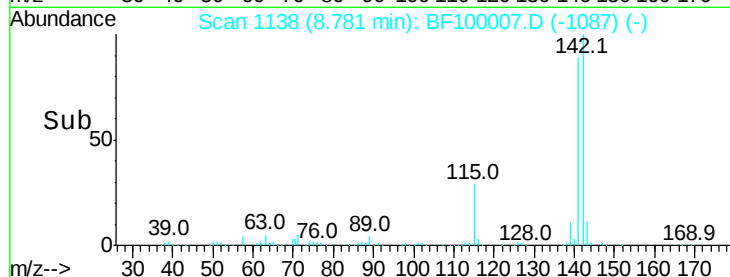
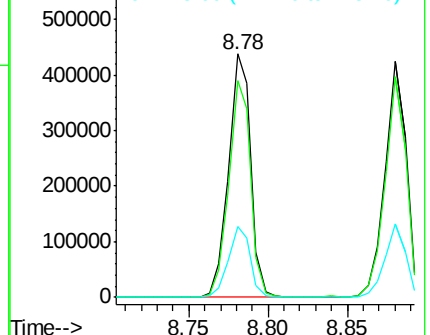
142 100

141 89.1 70.8 106.2

115 29.1 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

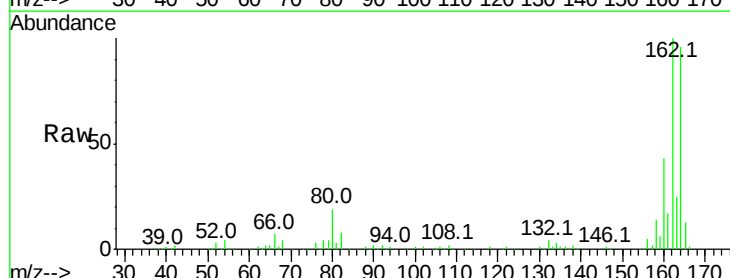
Tgt Ion:164 Resp: 189748

Ion Ratio Lower Upper

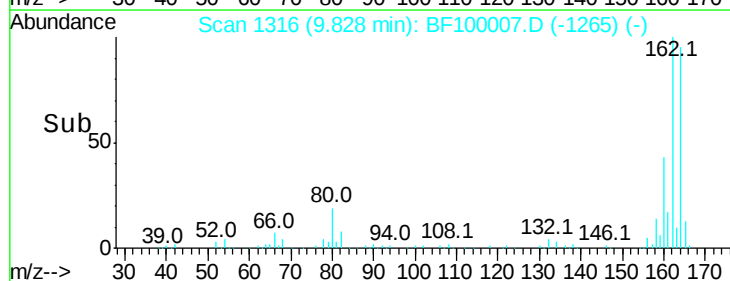
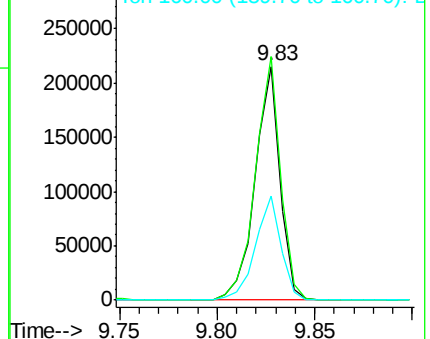
164 100

162 104.1 86.1 129.1

160 44.6 38.3 57.5



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

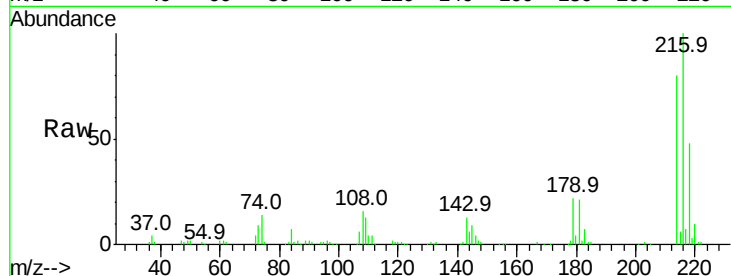




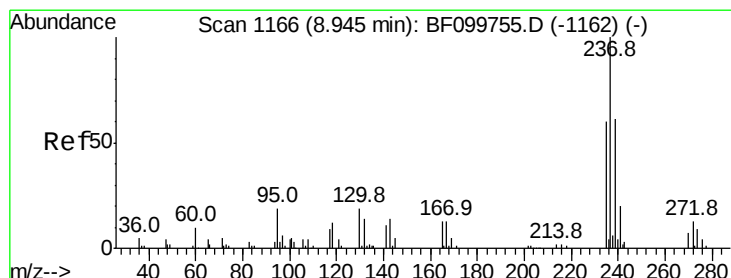
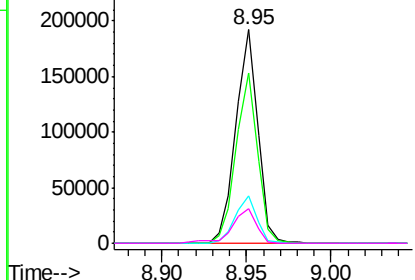
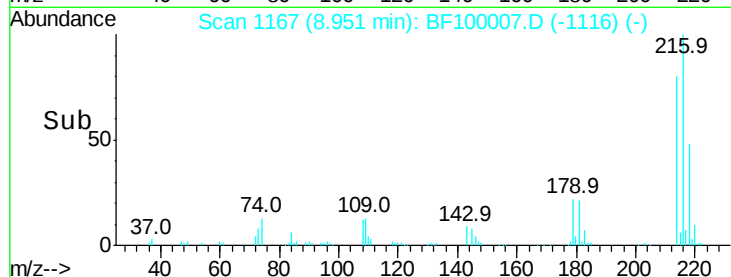
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.344 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	173703
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	21.8	18.1	27.1
108	17.6	17.2	25.8

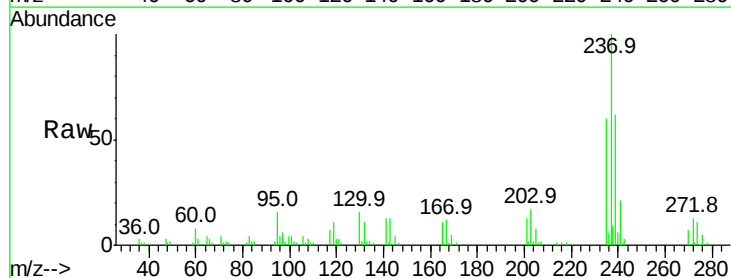


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

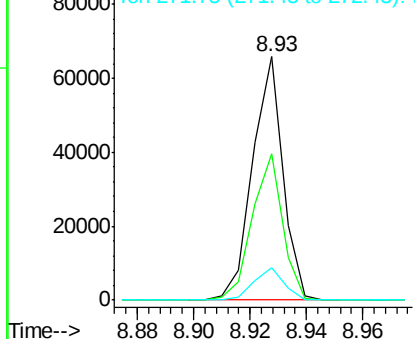
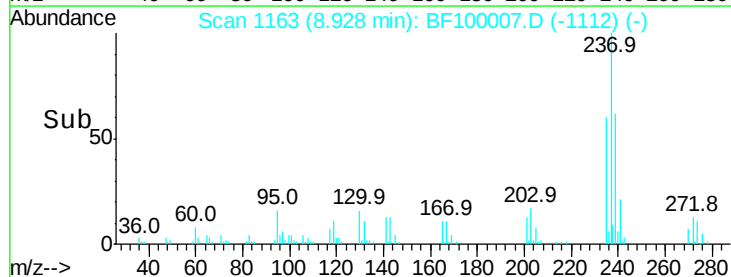


#40
 Hexachlorocyclopentadiene
 Concen: 47.528 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion:	237	Resp:	49097
Ion	Ratio	Lower	Upper
237	100		
235	60.2	44.8	84.8
272	13.2	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

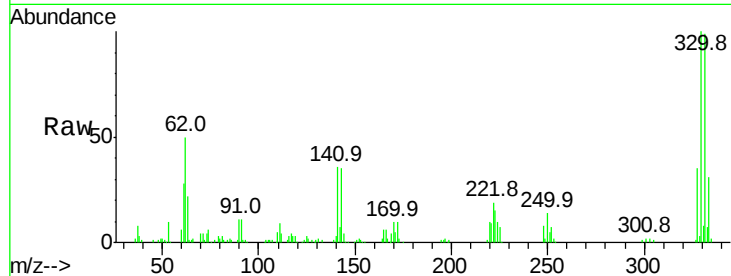




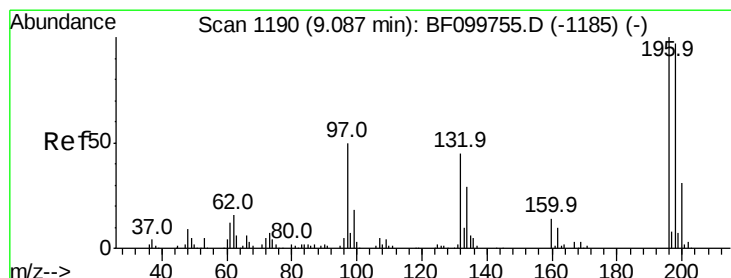
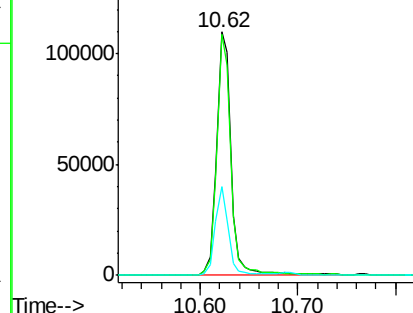
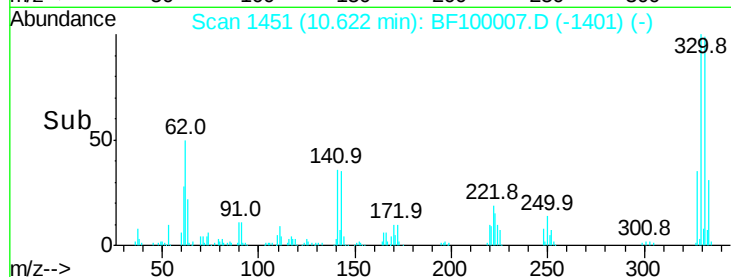
#41
 2,4,6-Tribromophenol
 Concen: 65.578 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.3	29.9	44.9

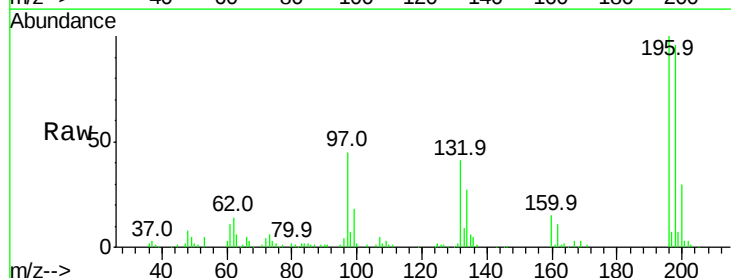


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

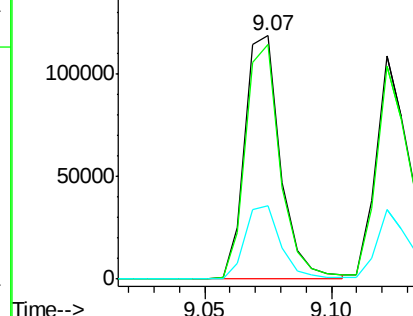
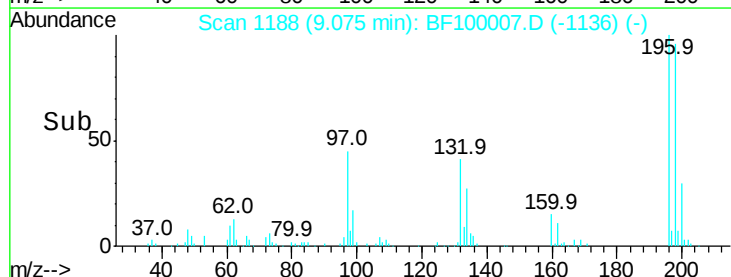


#42
 2,4,6-Trichlorophenol
 Concen: 31.343 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
200	29.9	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

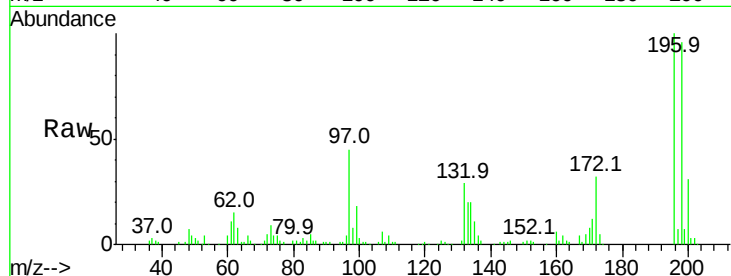




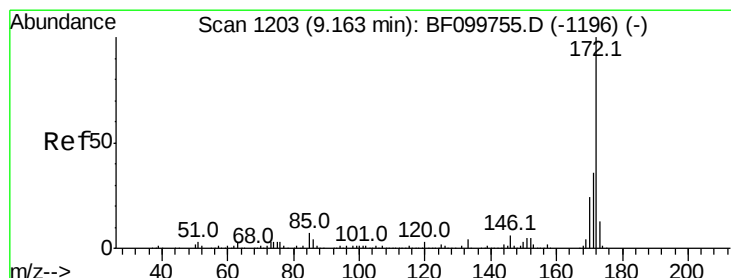
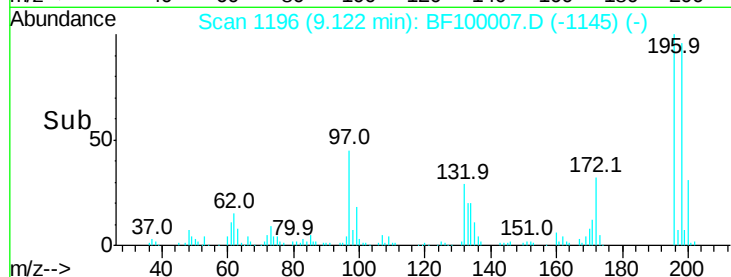
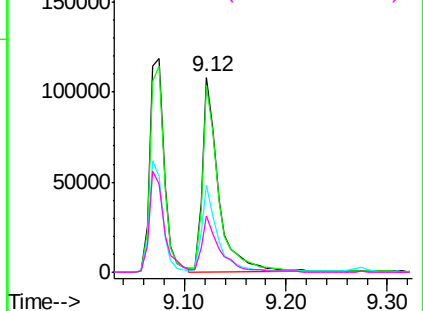
#43
 2,4,5-Trichlorophenol
 Concen: 30.361 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	119434
Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	44.6	42.9	64.3
132	29.0	26.3	39.5

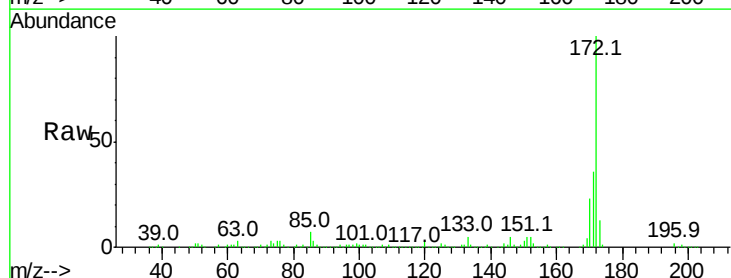


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

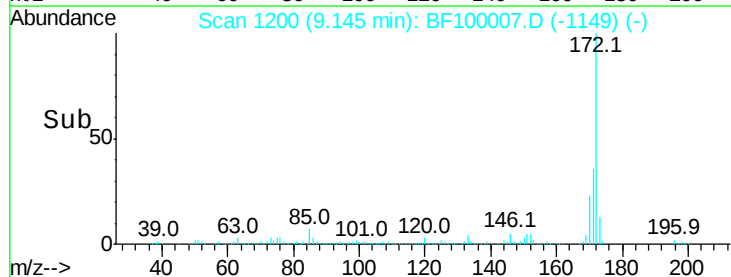
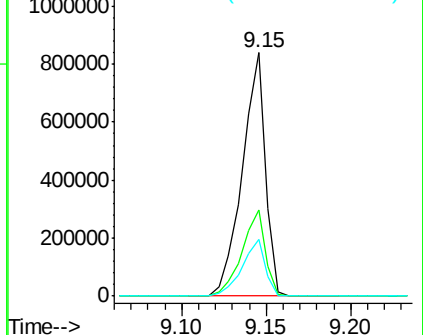


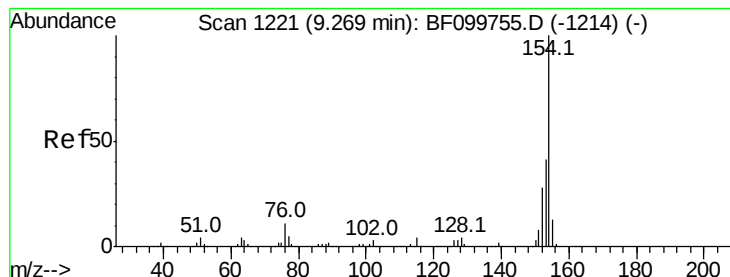
#44
 2-Fluorobiphenyl
 Concen: 65.434 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion:	172	Resp:	804749
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.1	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: 29.378 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

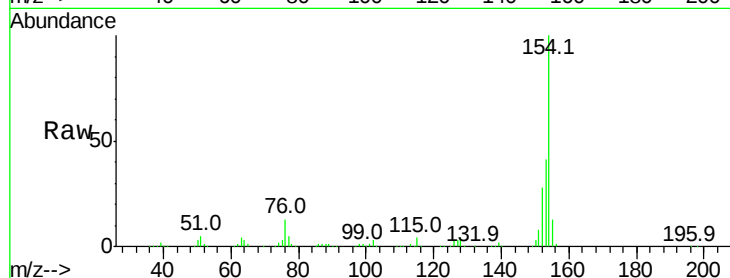
Tot Ion:154 Resp: 504296

Ion Ratio Lower Upper

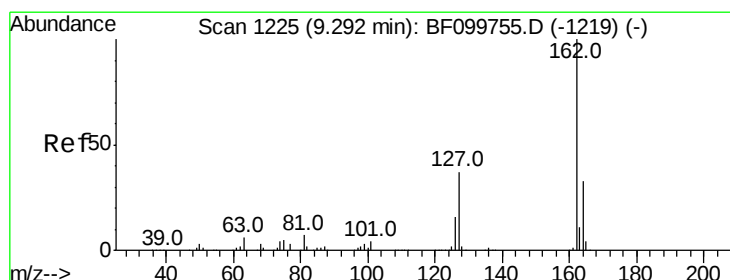
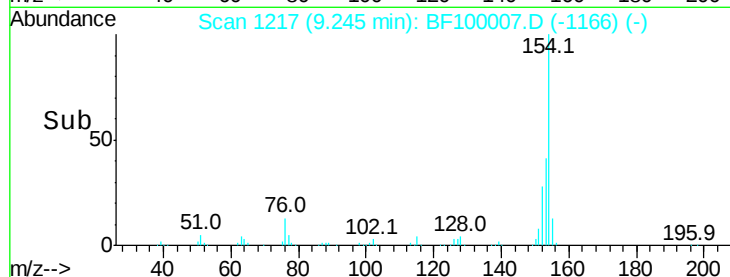
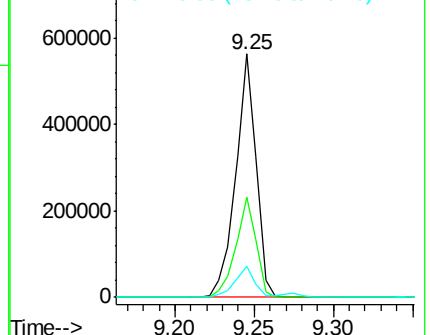
154 100

153 41.3 21.3 61.3

76 12.6 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): BF1



#46

2-Chloronaphthalene

Concen: 31.647 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

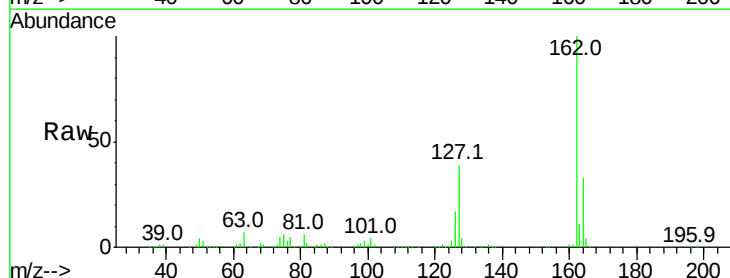
Tgt Ion:162 Resp: 394512

Ion Ratio Lower Upper

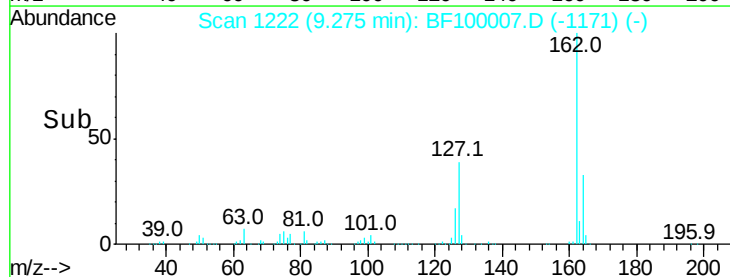
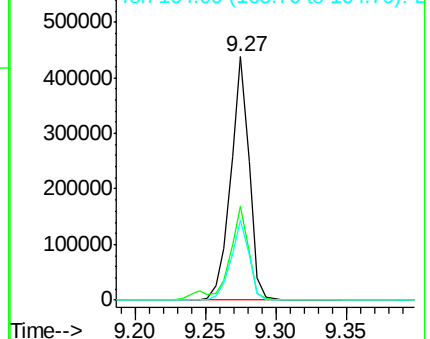
162 100

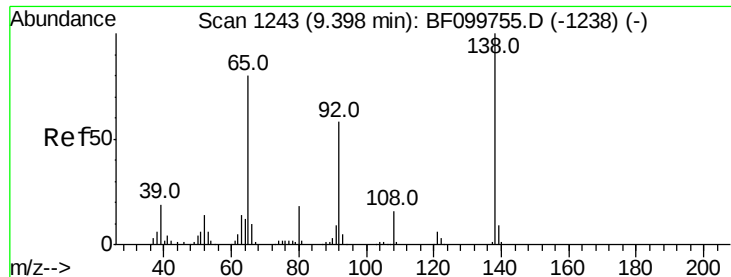
127 38.7 33.9 50.9

164 32.7 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

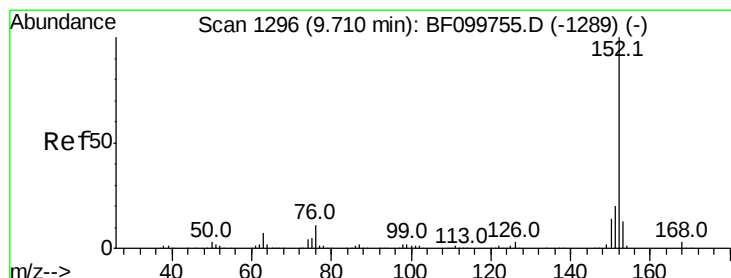
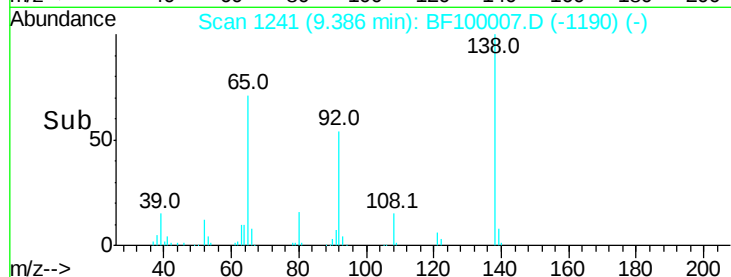
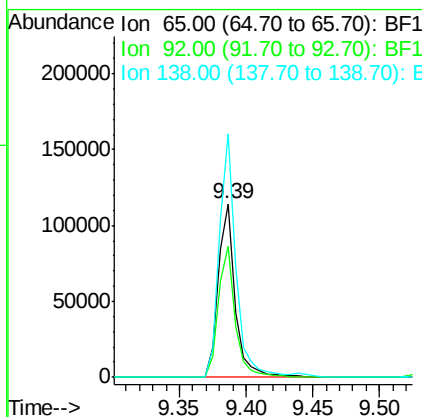
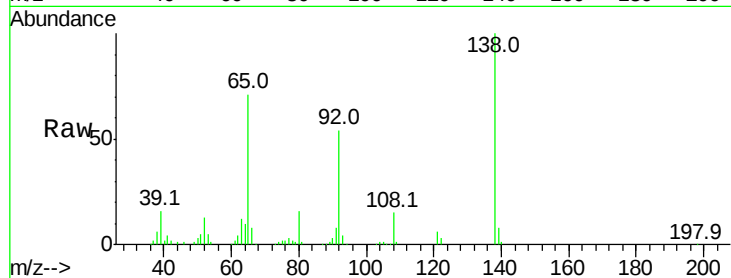




#47
2-Nitroaniline
Concen: 31.703 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

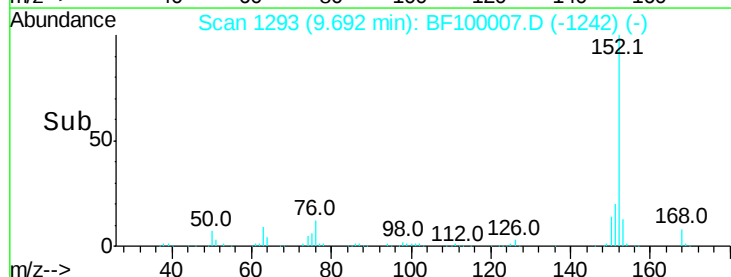
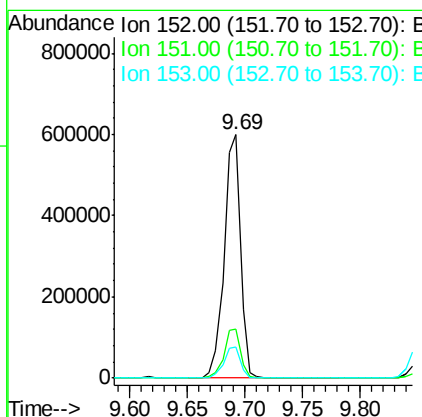
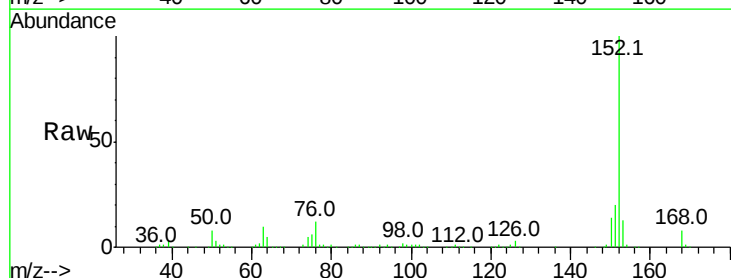
Instrument :
BNA_F
ClientSampleId :

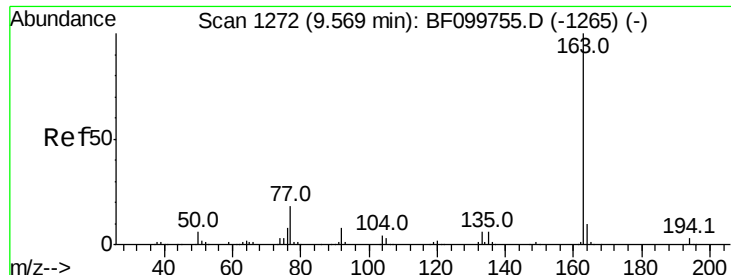
Tot Ion: 65 Resp: 103727
Ion Ratio Lower Upper
65 100
92 75.2 55.8 83.6
138 140.1 91.2 136.8#



#48
Acenaphthylene
Concen: 30.629 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion: 152 Resp: 588096
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 12.9 10.7 16.1

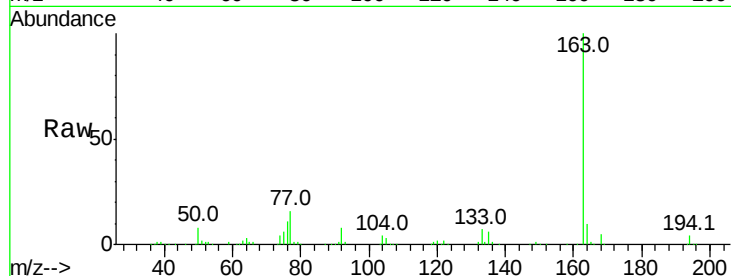




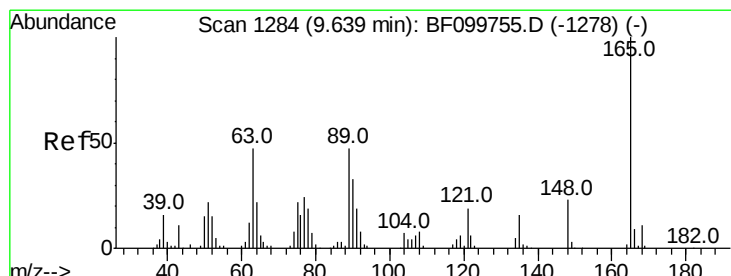
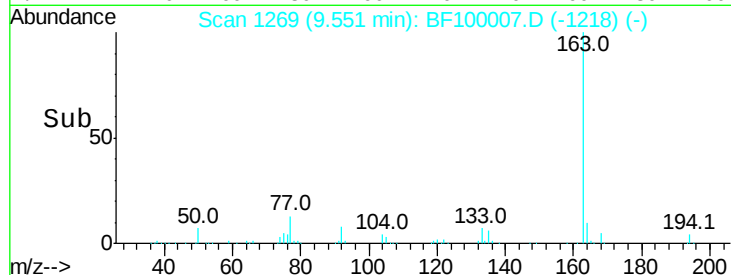
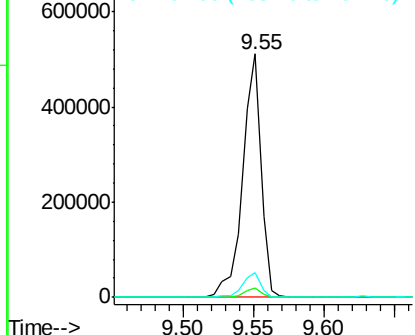
#49
Dimethylphthalate
Concen: 30.975 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 465448
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2

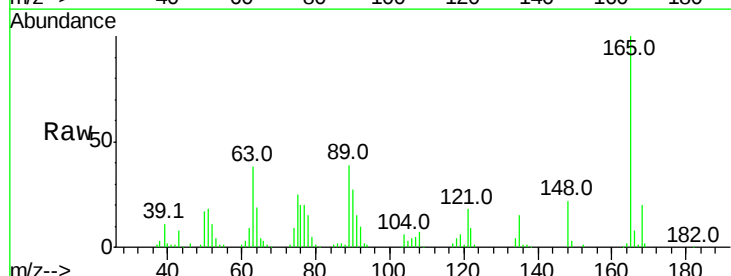


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

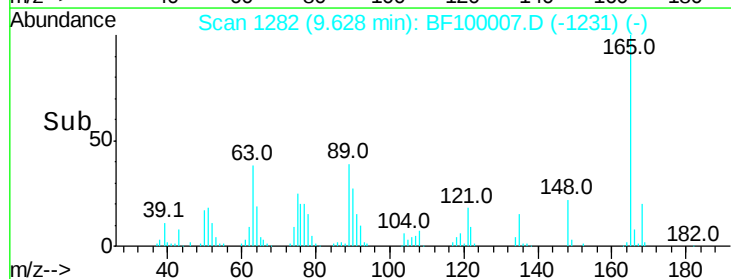
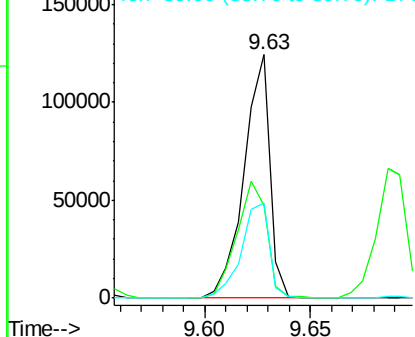


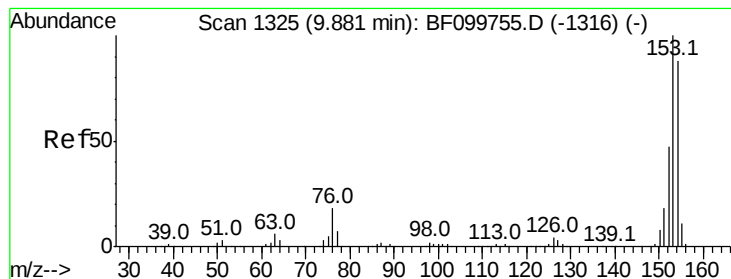
#50
2,6-Dinitrotoluene
Concen: 33.607 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:165 Resp: 106163
Ion Ratio Lower Upper
165 100
63 38.0 44.7 67.1#
89 39.3 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 30.460 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

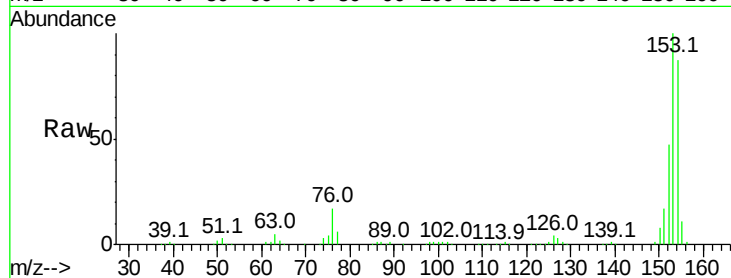
Tot Ion:154 Resp: 357351

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

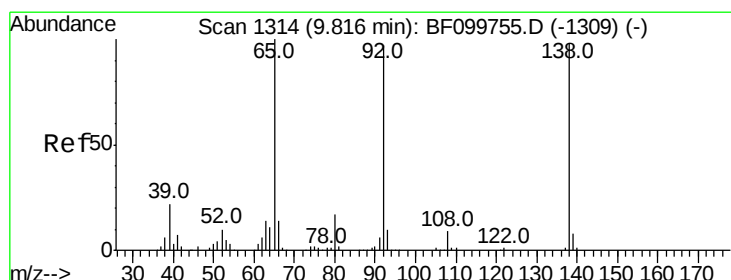
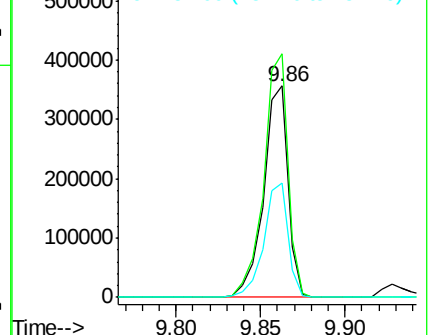
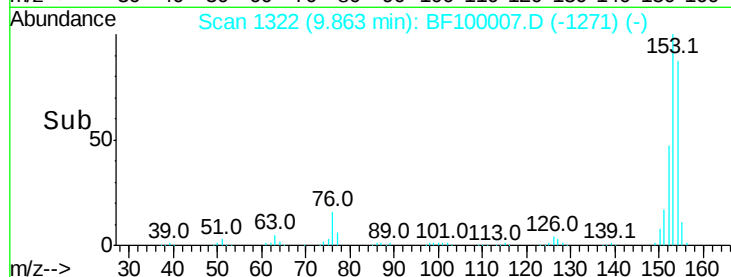
152 54.1 43.8 65.8



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: 14.286 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

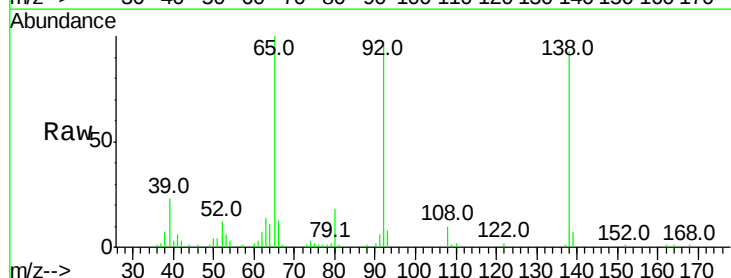
Tgt Ion:138 Resp: 53176

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

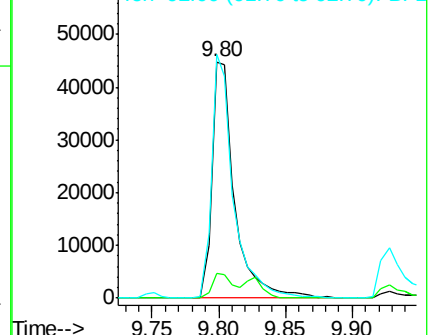
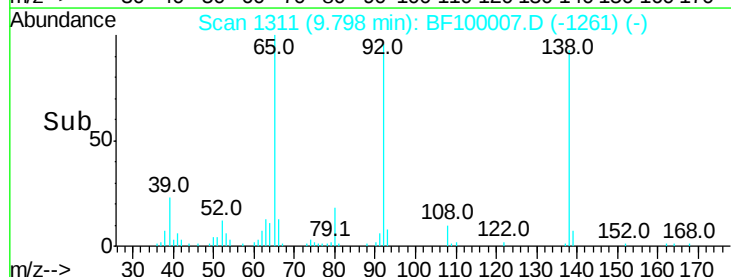
92 103.0 89.4 134.2

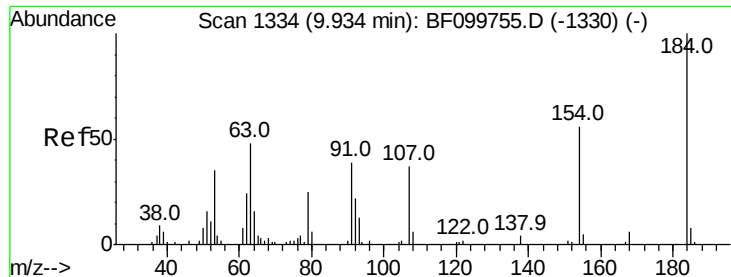


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

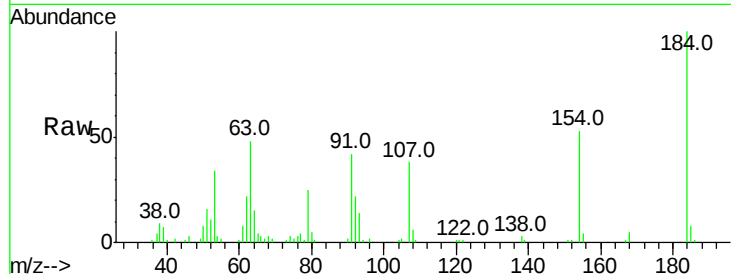




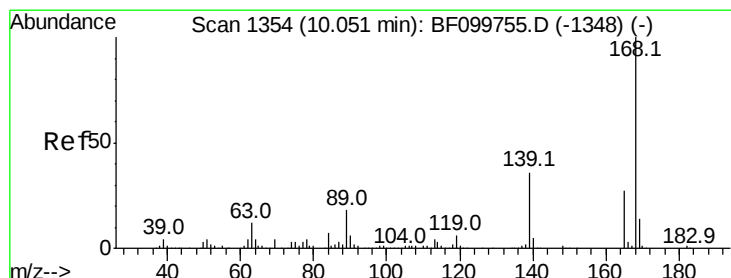
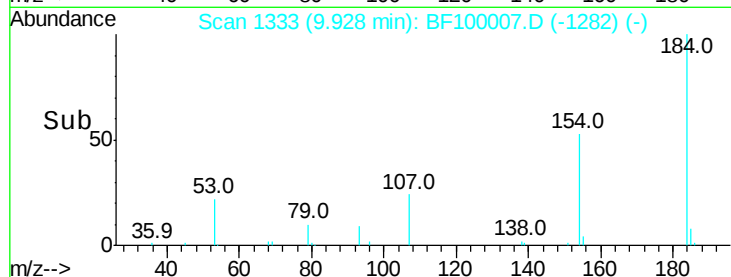
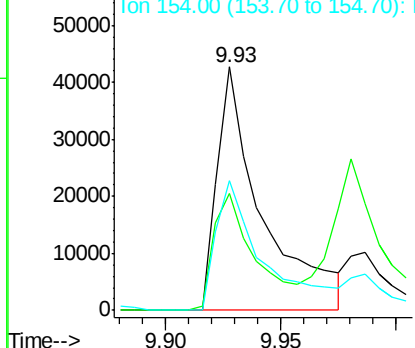
#53
 2,4-Dinitrophenol
 Concen: 48.713 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 57727
 Ion Ratio Lower Upper
 184 100
 63 47.8 54.2 81.2#
 154 53.1 53.5 80.3#

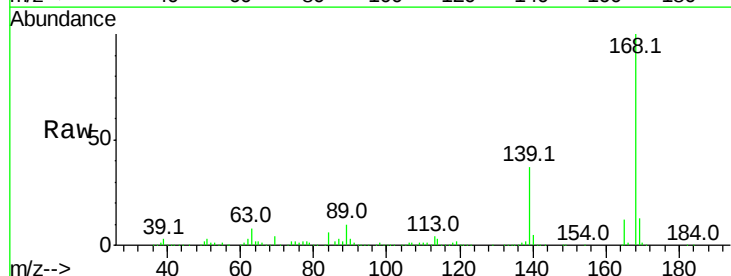


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

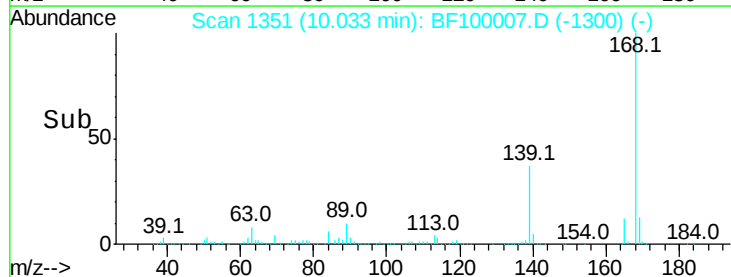
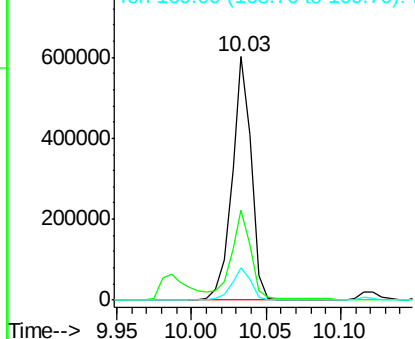


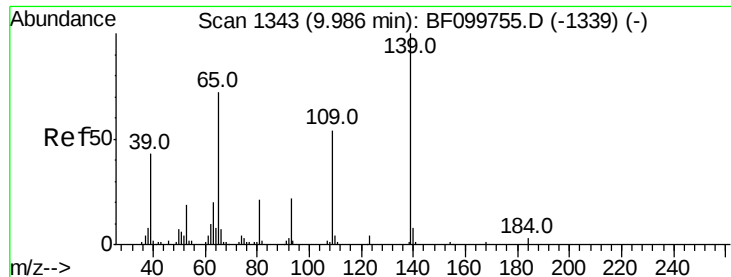
#54
 Dibenzofuran
 Concen: 32.713 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion:168 Resp: 541747
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.1 45.1
 169 13.1 10.9 16.3



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

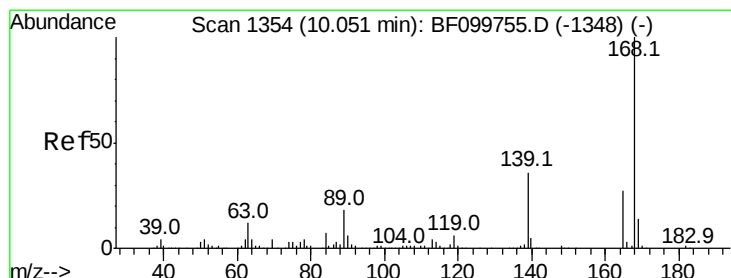
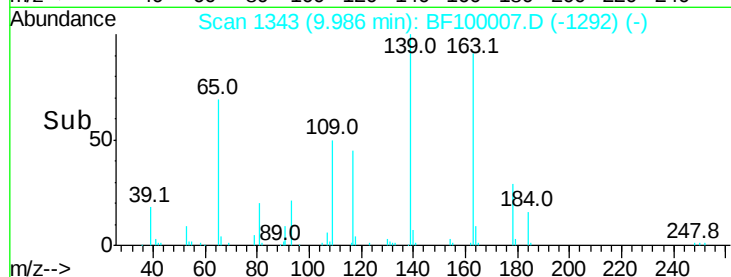
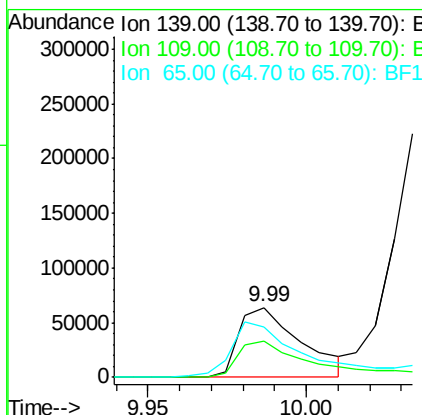
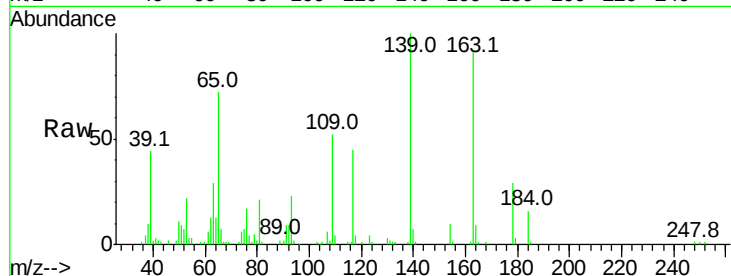




#55
4-Nitrophenol
Concen: 44.392 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

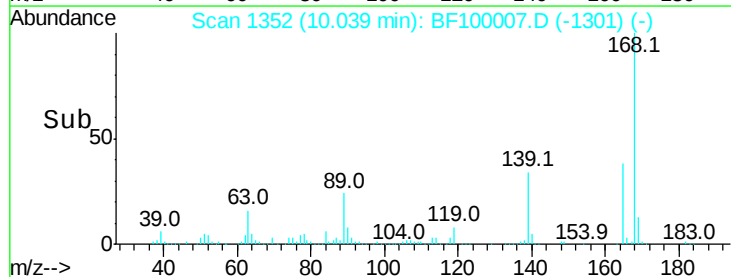
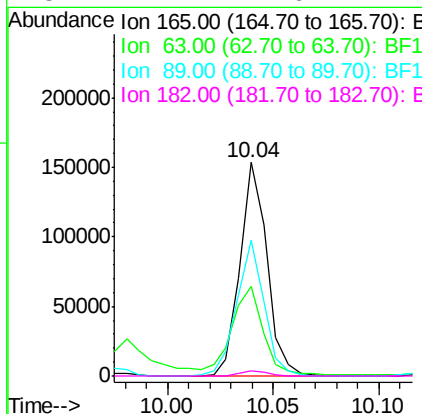
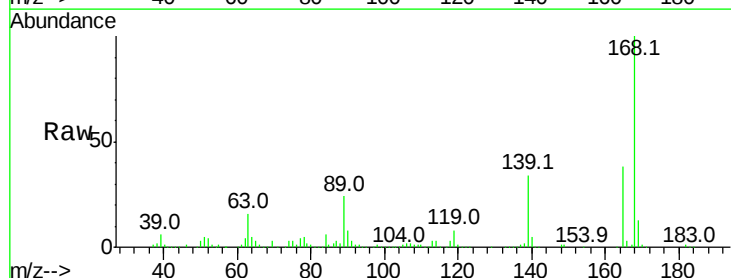
Instrument :
BNA_F
ClientSampleId :

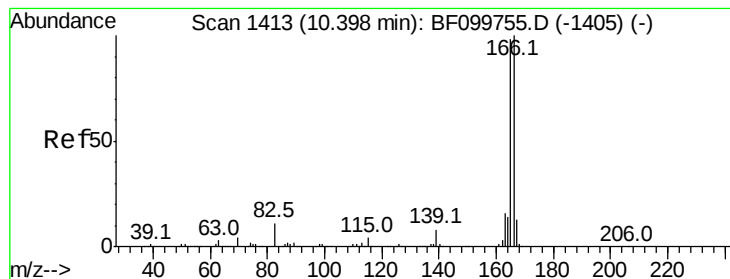
Tot Ion:139 Resp: 86335
Ion Ratio Lower Upper
139 100
109 51.8 48.4 88.4
65 72.1 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 35.479 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:165 Resp: 134970
Ion Ratio Lower Upper
165 100
63 42.1 36.4 54.6
89 63.3 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 32.301 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

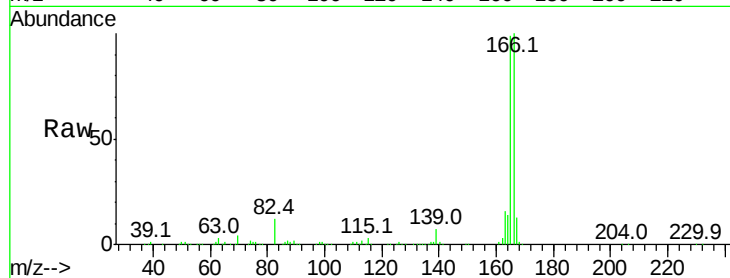
Tot Ion:166 Resp: 442900

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

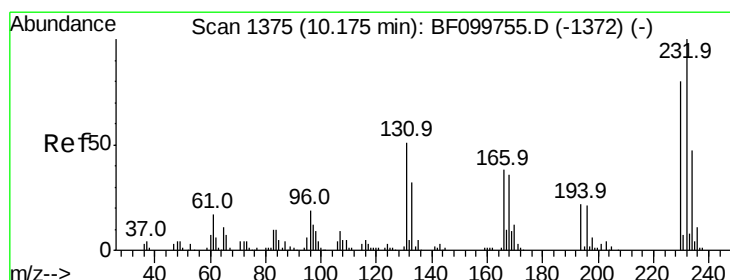
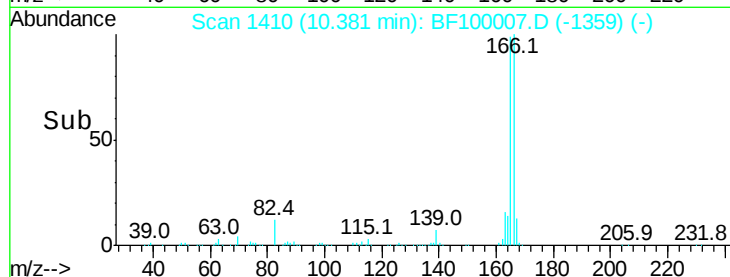
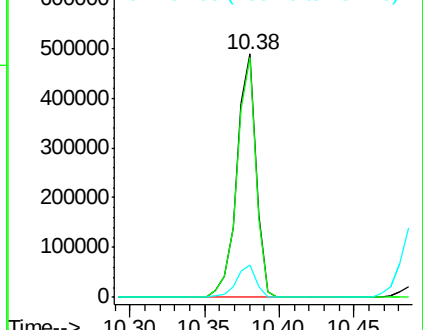
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.513 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion:232 Resp: 97947

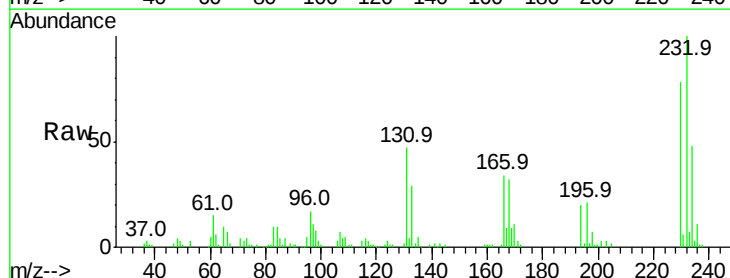
Ion Ratio Lower Upper

232 100

131 44.0 43.8 65.8

130 2.0 2.1 3.1#

166 32.1 27.8 41.6

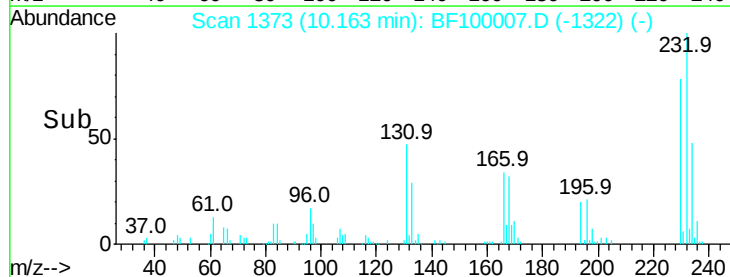
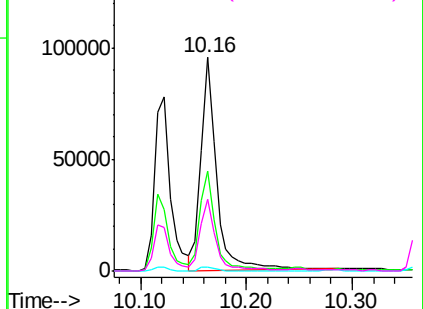


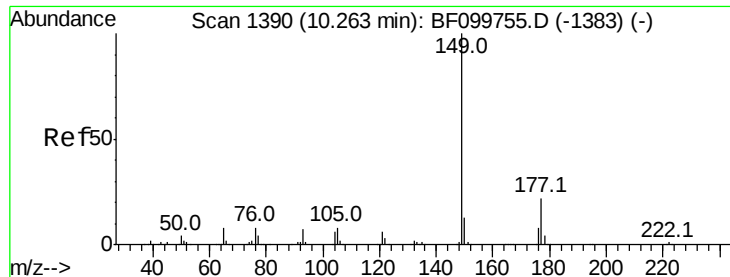
Abundance Ion 232.00 (231.70 to 232.70): E

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: 31.721 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

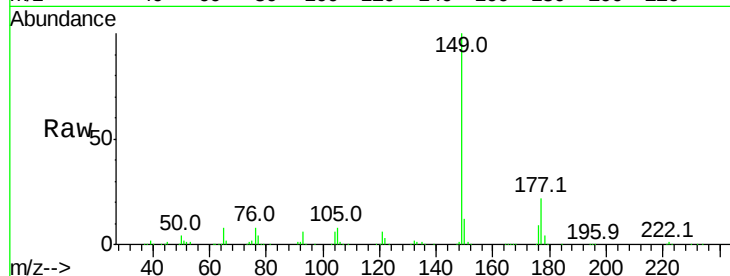
Tot Ion:149 Resp: 465470

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

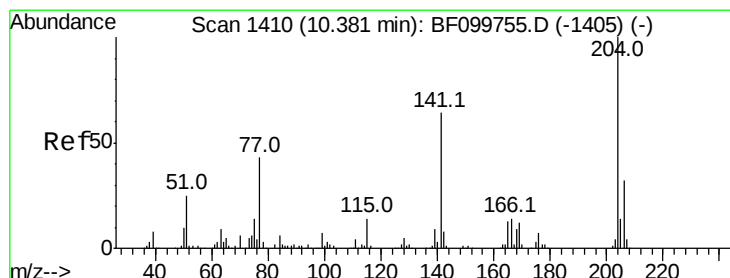
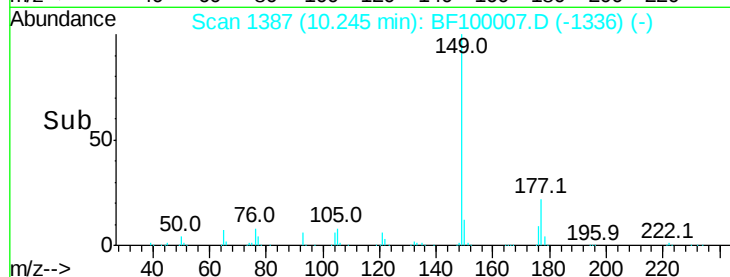
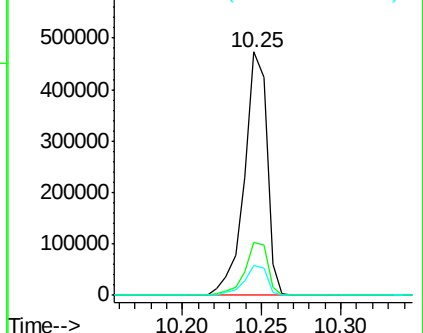
150 12.4 10.1 15.1



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: 31.463 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

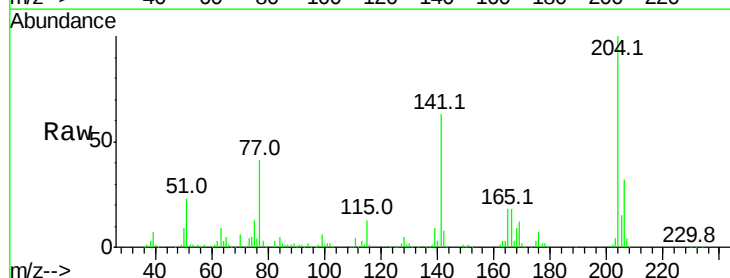
Tgt Ion:204 Resp: 203031

Ion Ratio Lower Upper

204 100

206 31.7 26.5 39.7

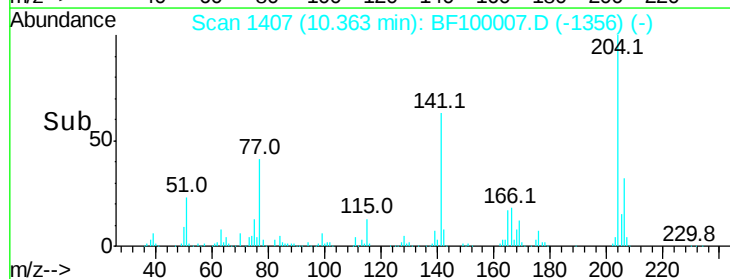
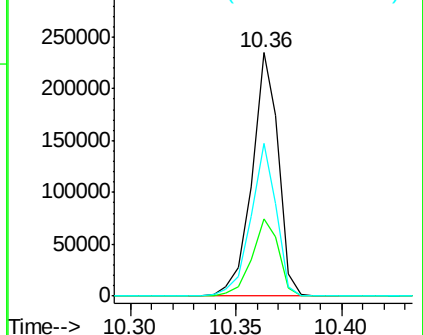
141 62.7 54.6 81.8

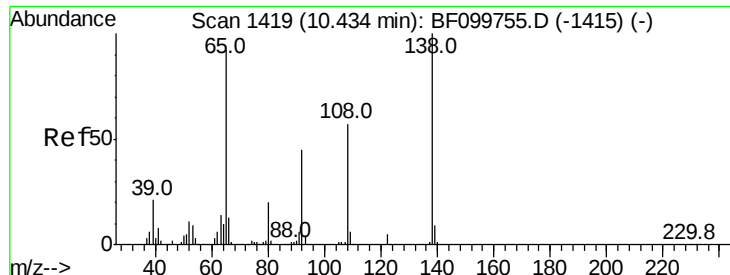


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

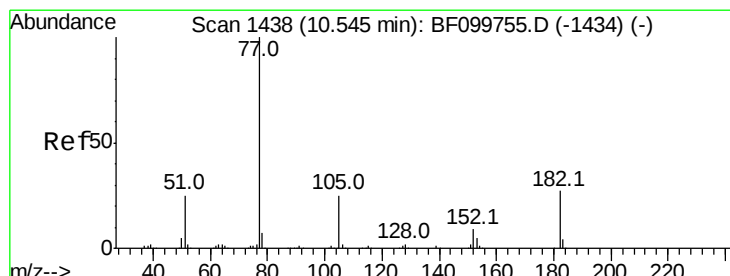
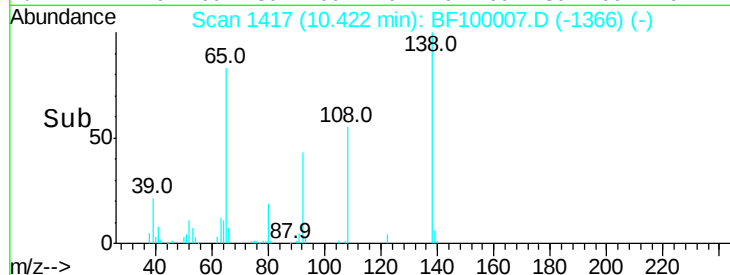
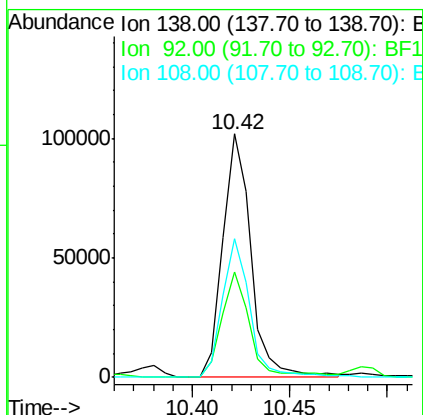
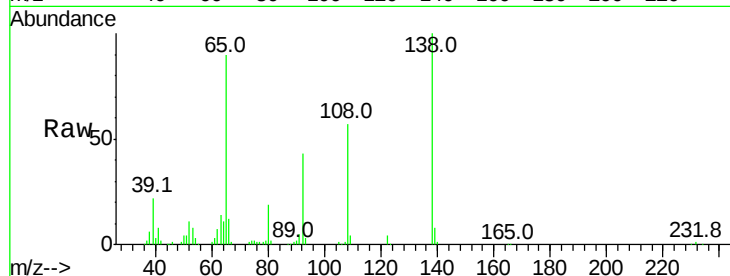




#61
4-Nitroaniline
Concen: 28.733 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

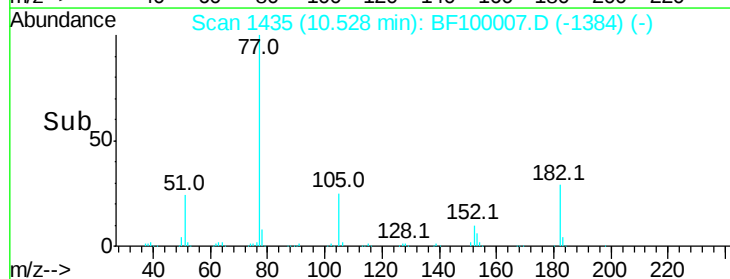
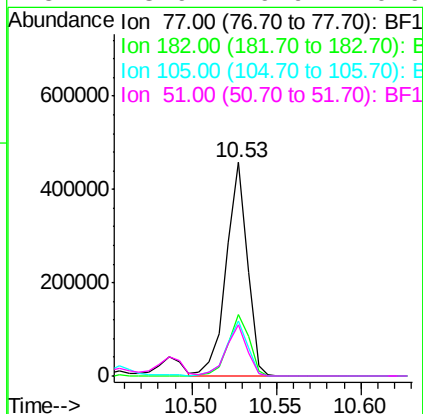
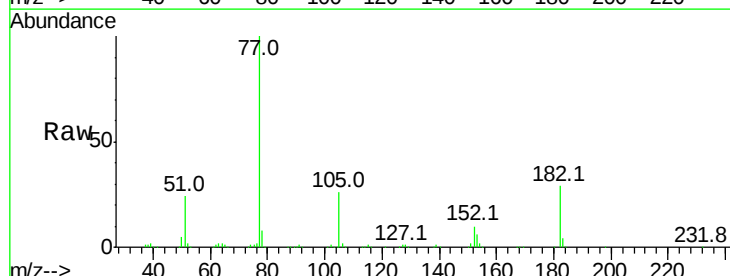
Instrument :
BNA_F
ClientSampleId :

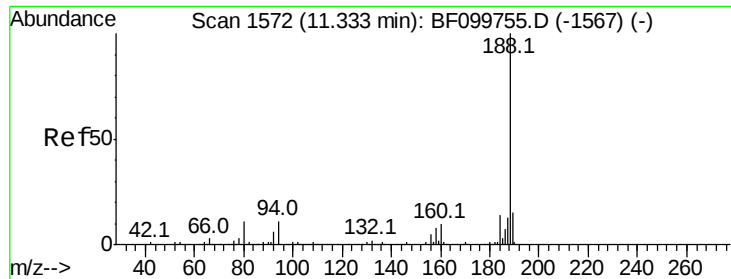
Tot Ion:138 Resp: 102035
Ion Ratio Lower Upper
138 100
92 43.3 30.2 70.2
108 56.8 52.5 92.5



#62
Azobenzene
Concen: 32.222 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion: 77 Resp: 396360
Ion Ratio Lower Upper
77 100
182 28.8 1.7 41.7
105 25.7 3.0 43.0
51 23.9 9.9 49.9

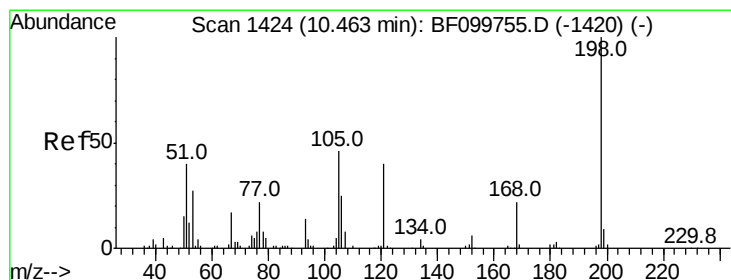
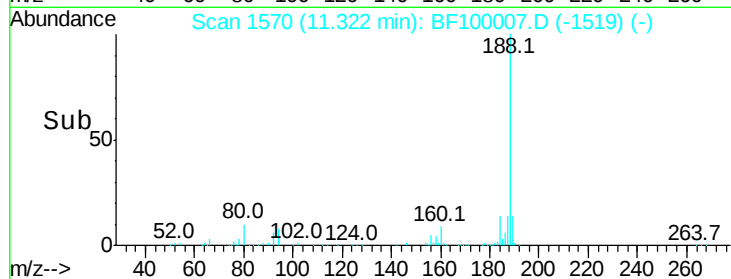
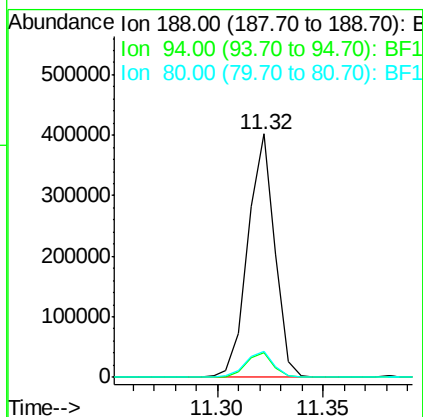
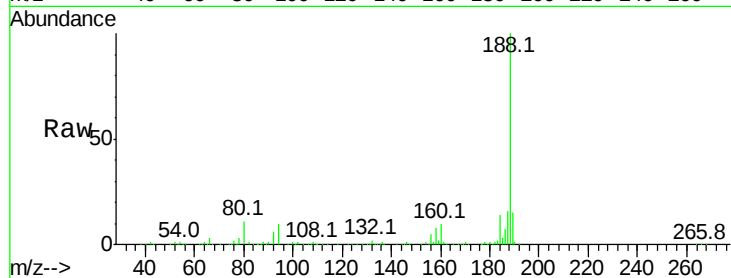




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

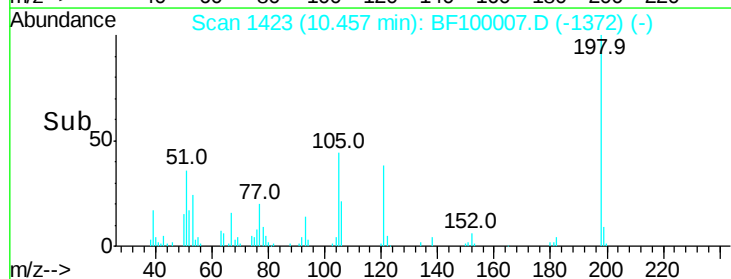
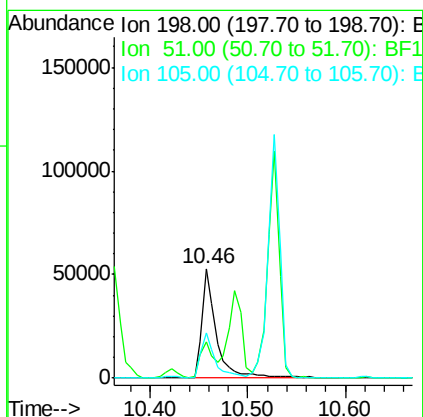
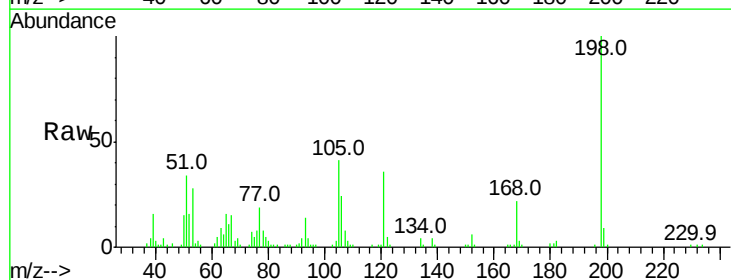
Instrument :
BNA_F
ClientSampled :

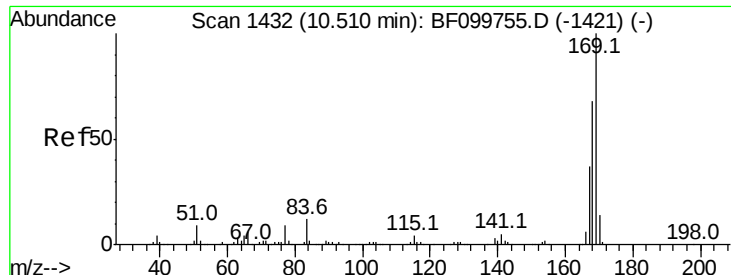
Tot Ion:188 Resp: 353526
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 24.643 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:198 Resp: 54763
Ion Ratio Lower Upper
198 100
51 33.8 37.7 77.7#
105 41.2 36.3 76.3

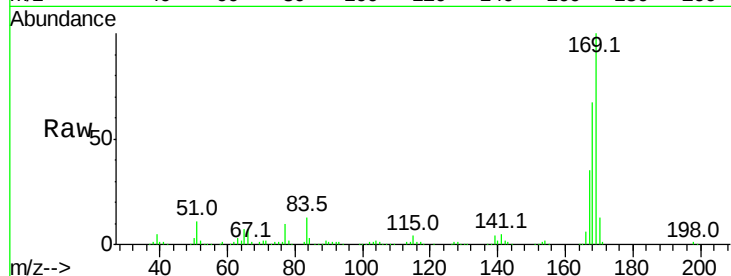




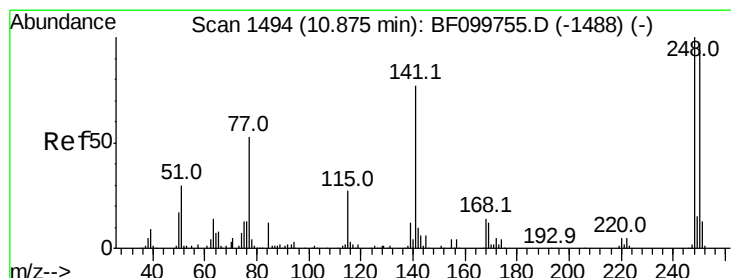
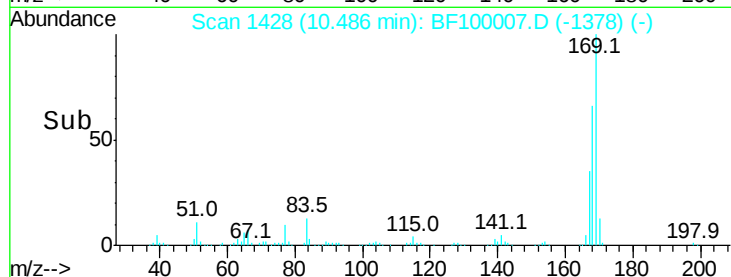
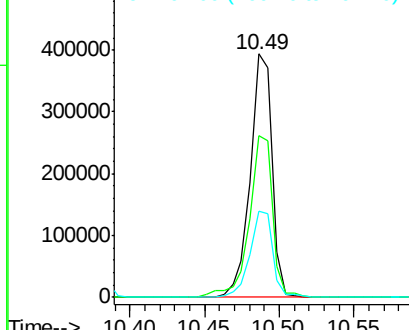
#65
n-Nitrosodiphenylamine
Concen: 30.328 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 395791
Ion Ratio Lower Upper
169 100
168 66.6 54.4 81.6
167 35.5 29.8 44.6

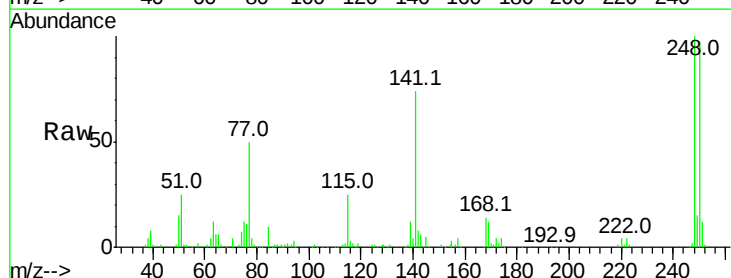


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

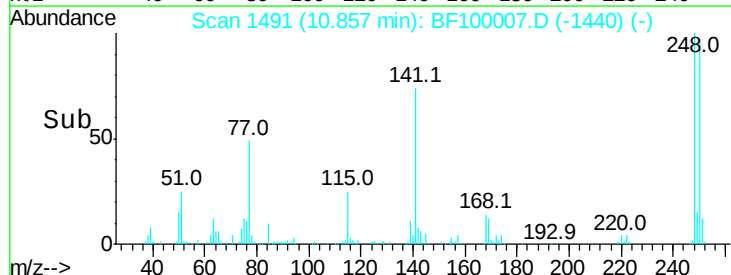
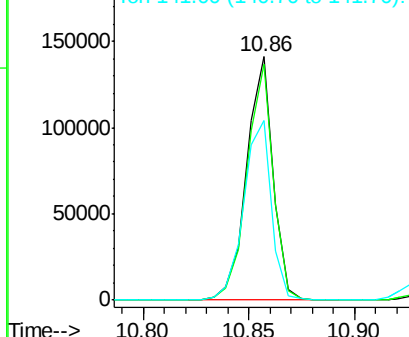


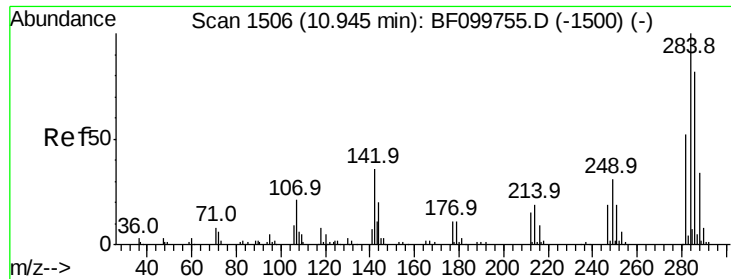
#66
4-Bromophenyl-phenylether
Concen: 33.010 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:248 Resp: 122857
Ion Ratio Lower Upper
248 100
250 96.6 76.9 115.3
141 73.7 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

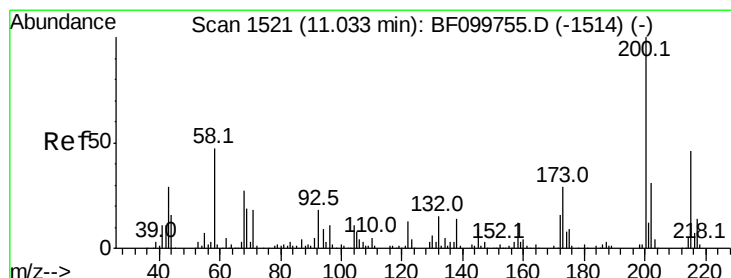
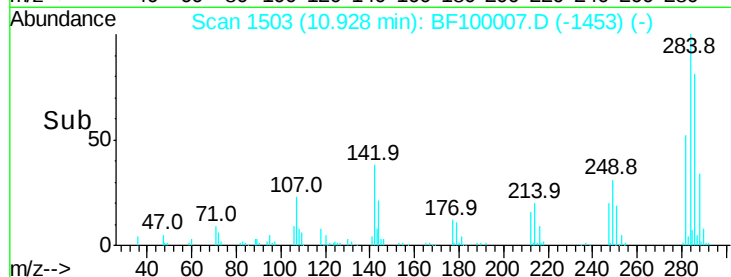
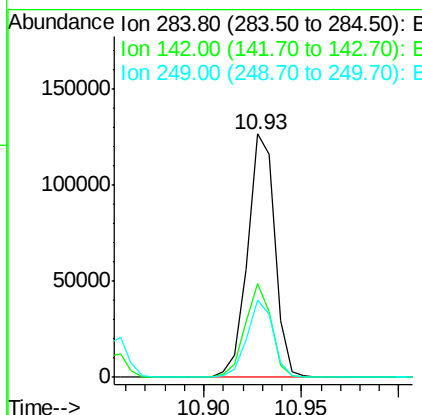
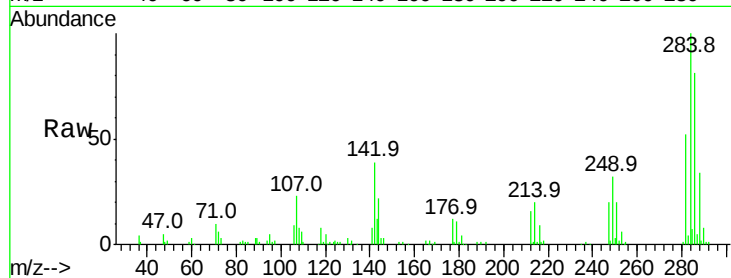




#67
Hexachlorobenzene
Concen: 32.272 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

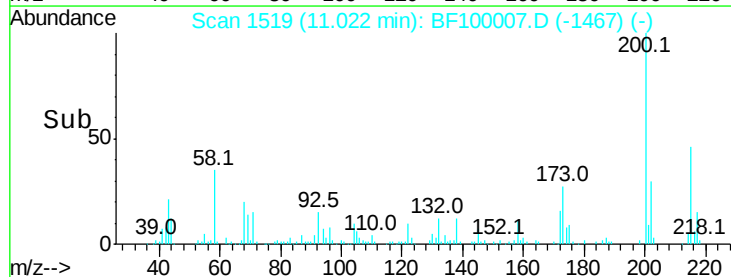
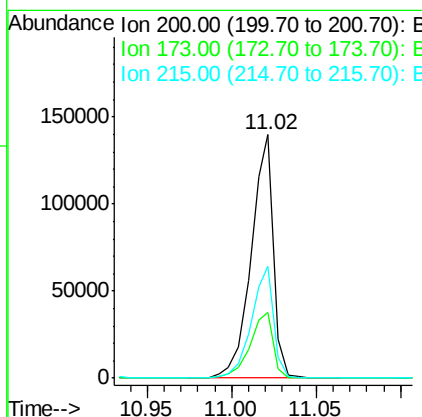
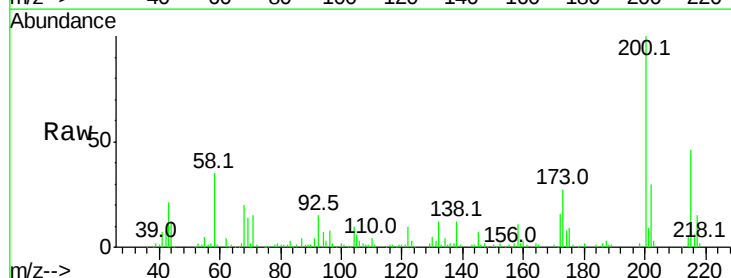
Instrument :
BNA_F
ClientSampleId :

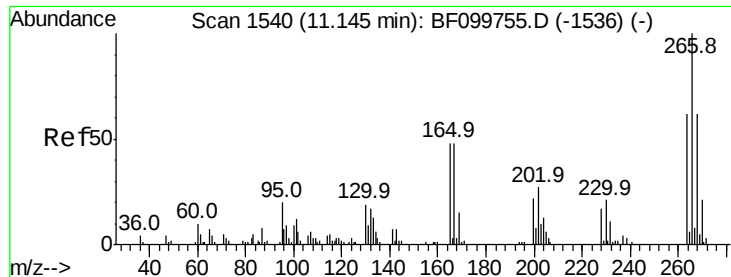
Tot Ion:284 Resp: 122879
Ion Ratio Lower Upper
284 100
142 38.7 34.6 52.0
249 31.6 24.8 37.2



#68
Atrazine
Concen: 32.665 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:200 Resp: 128050
Ion Ratio Lower Upper
200 100
173 27.1 8.6 48.6
215 46.1 25.1 65.1

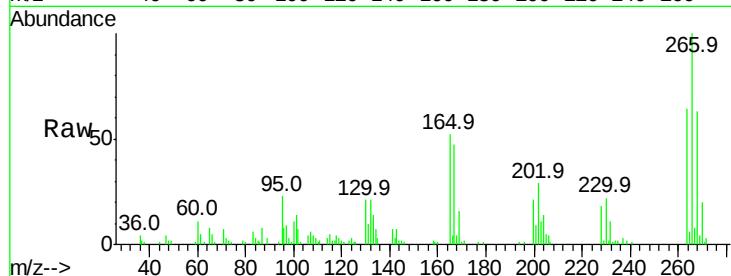




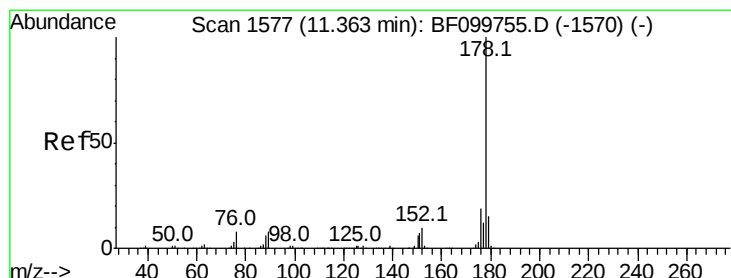
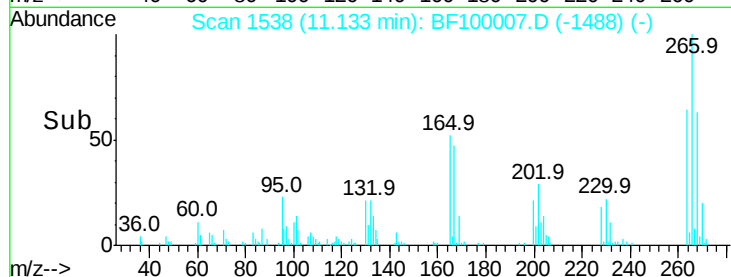
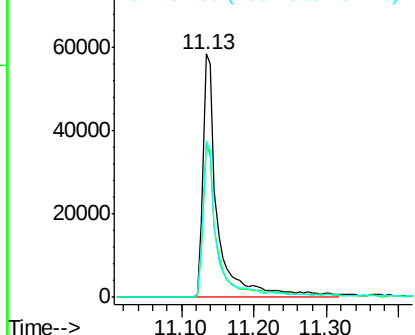
#69
 Pentachlorophenol
 Concen: 51.238 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 83363
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 64.2 49.5 74.3

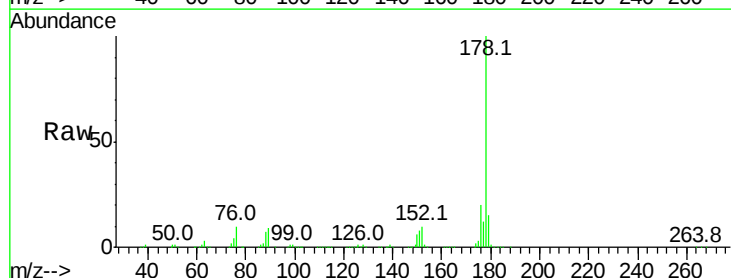


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

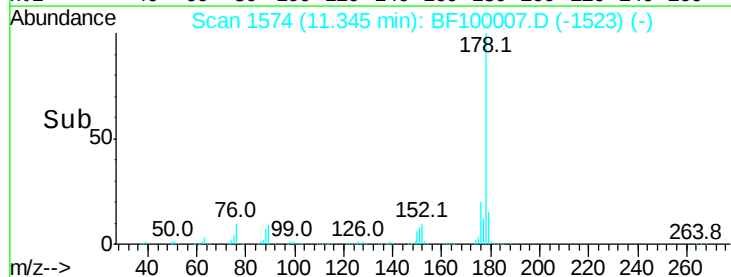
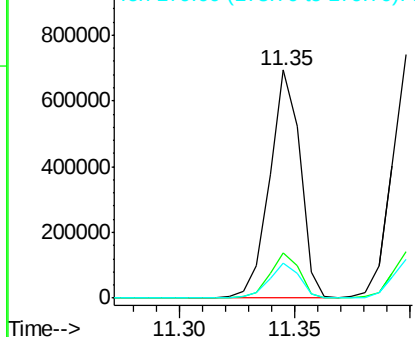


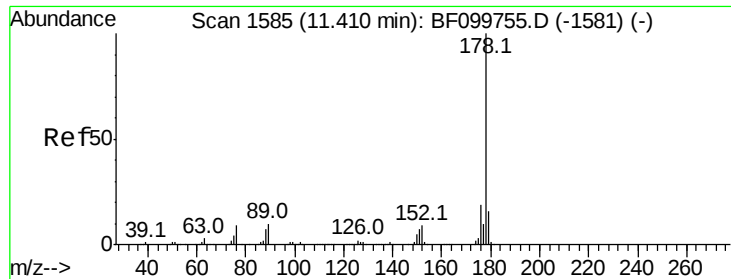
#70
 Phenanthrene
 Concen: 31.876 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion:178 Resp: 635965
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.3 13.0 19.6



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

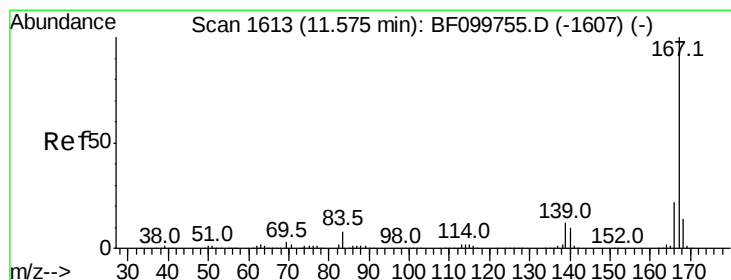
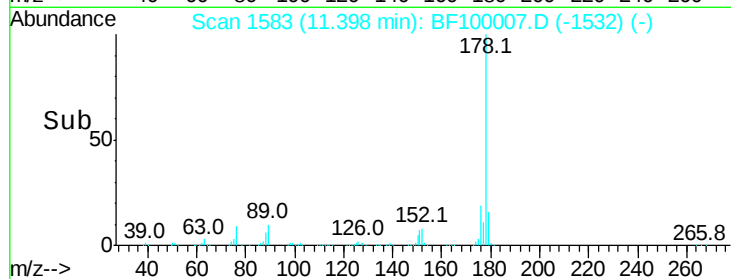
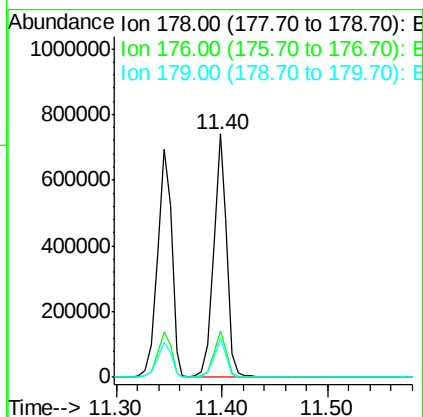
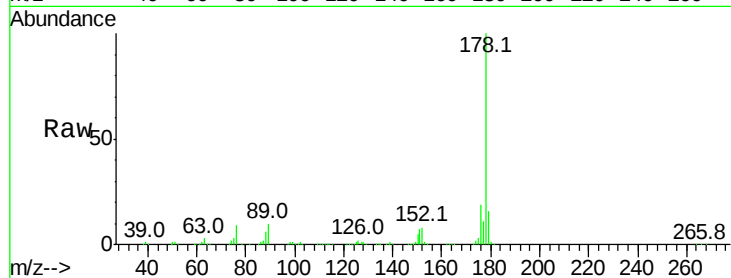




#71
 Anthracene
 Concen: 32.313 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

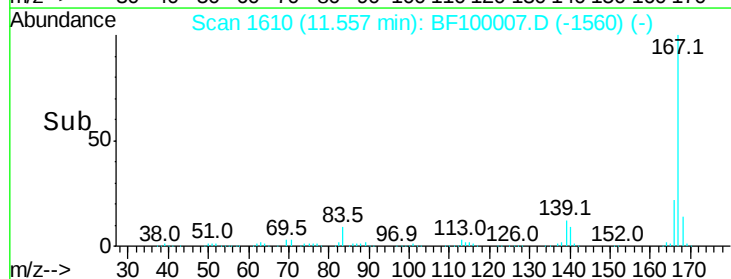
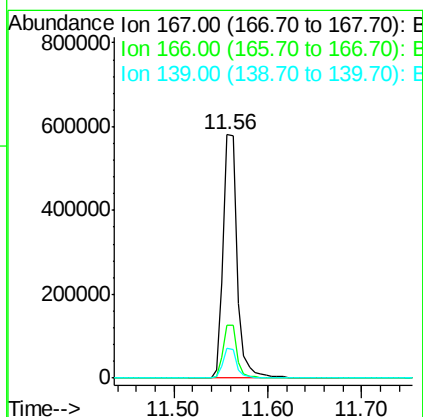
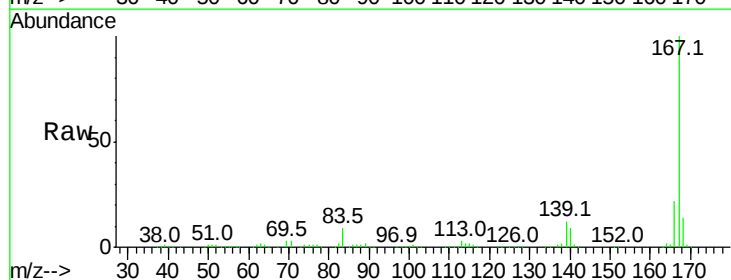
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 654383
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 31.821 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion:167 Resp: 606012
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 31.484 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

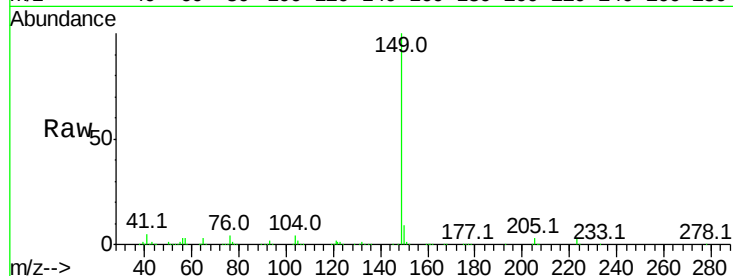
Tot Ion:149 Resp: 764774

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

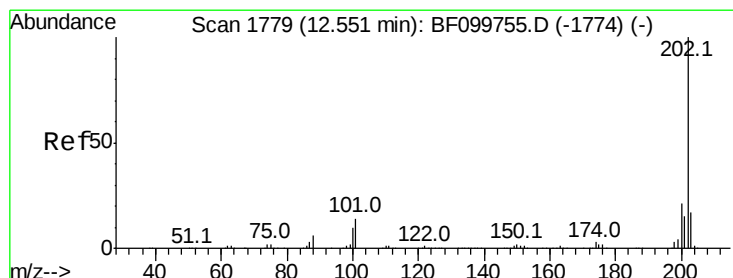
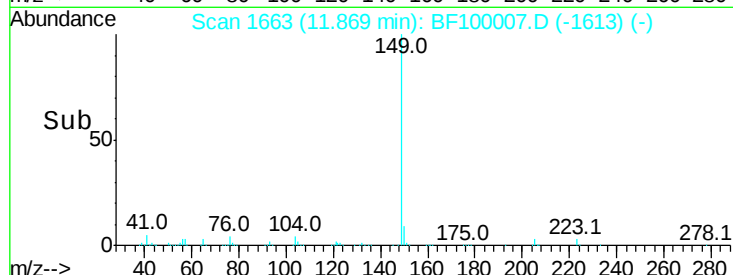
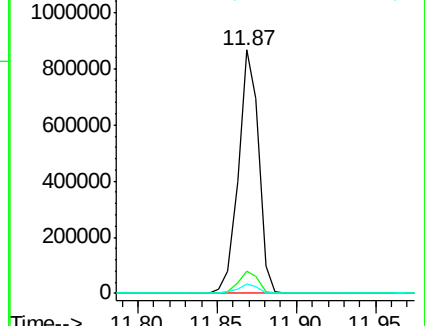
104 4.0 3.8 5.8



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: 31.957 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

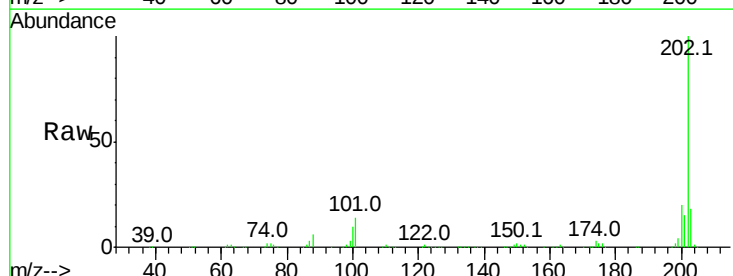
Tgt Ion:202 Resp: 662594

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

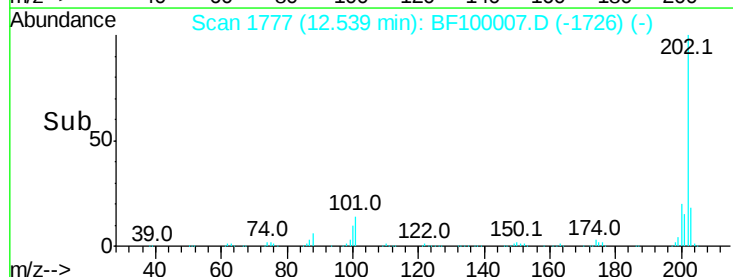
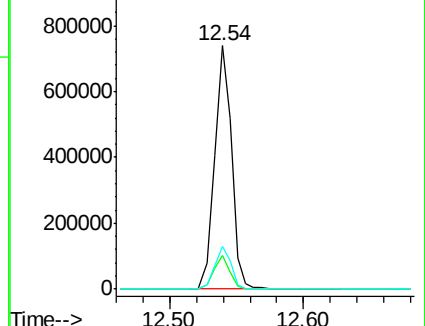
203 17.6 0.0 38.1

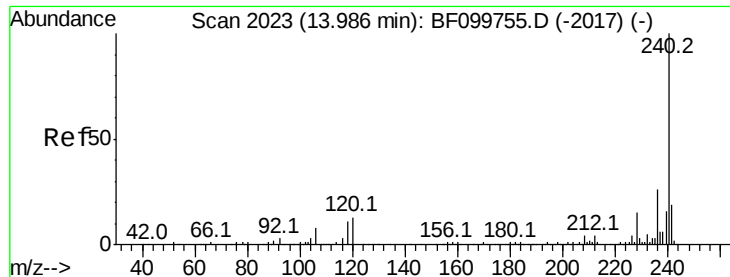


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

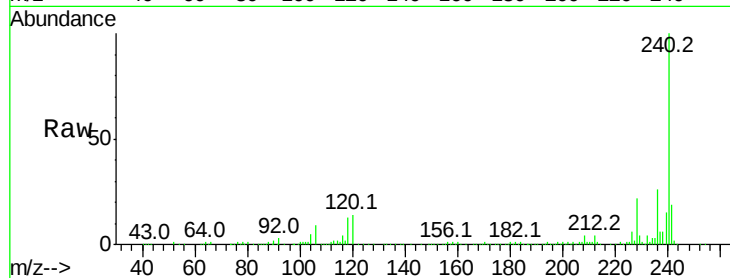
Tot Ion:240 Resp: 271776

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

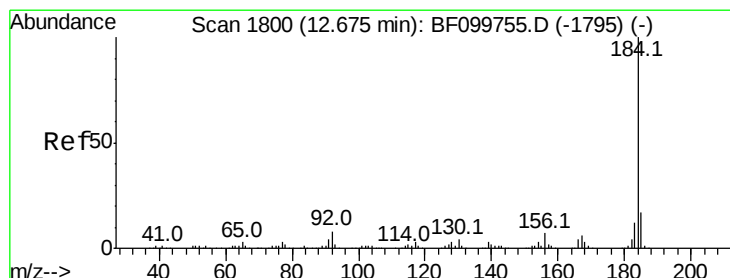
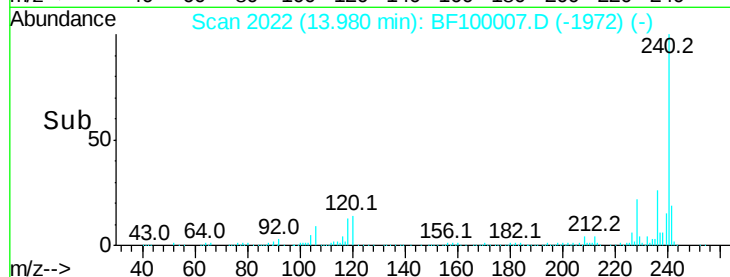
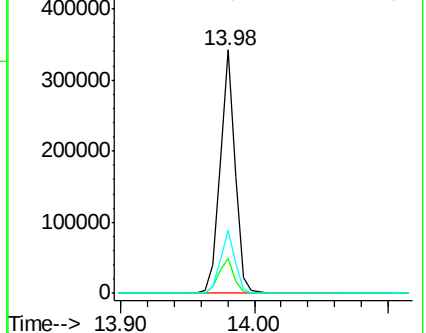
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.994 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

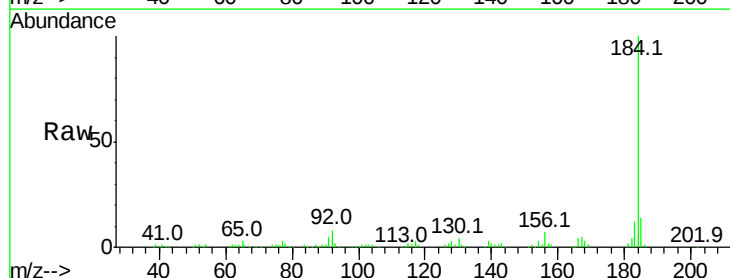
Tgt Ion:184 Resp: 190205

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

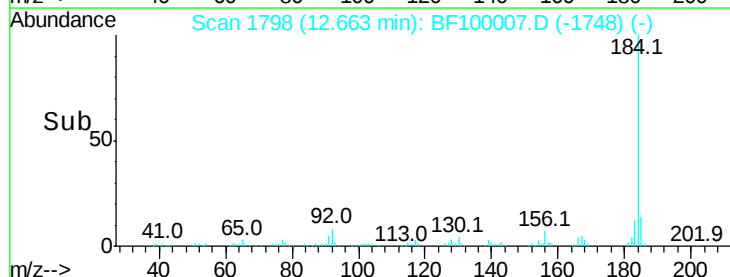
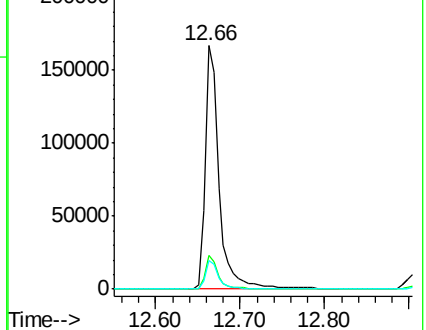
183 11.8 9.3 13.9

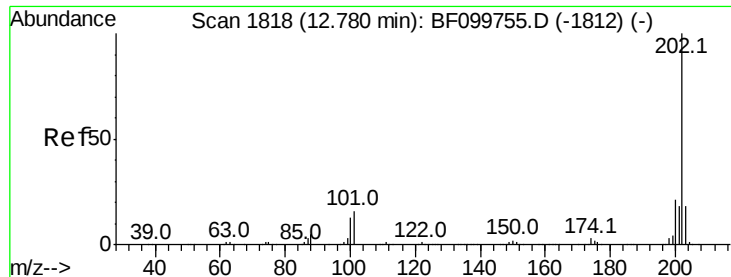


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

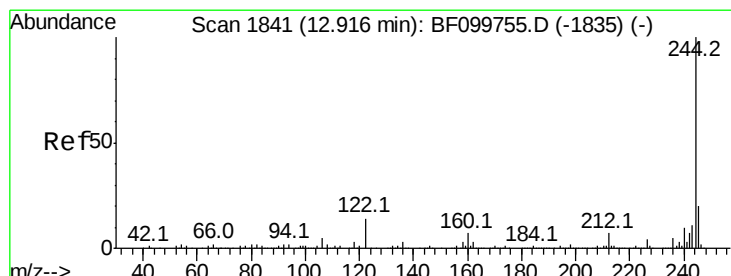
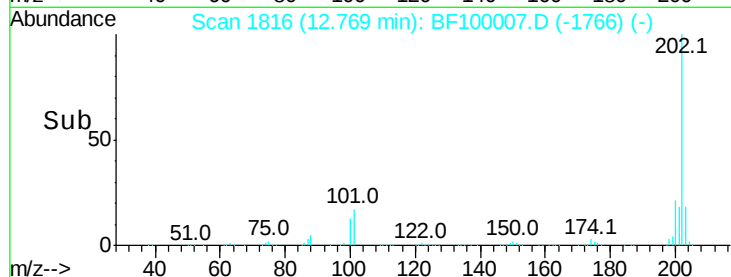
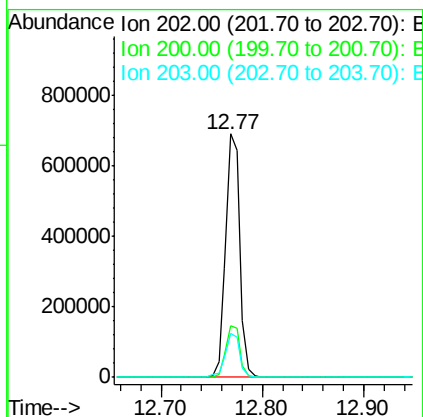
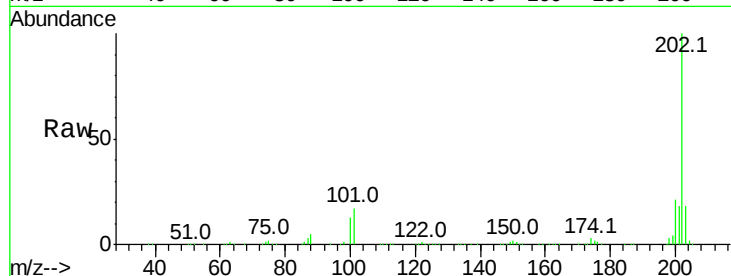




#77
Pvrene
Concen: 32.564 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

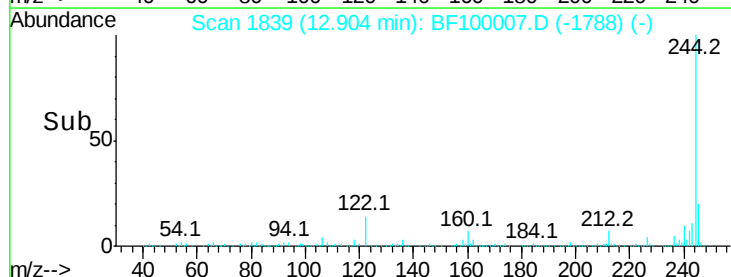
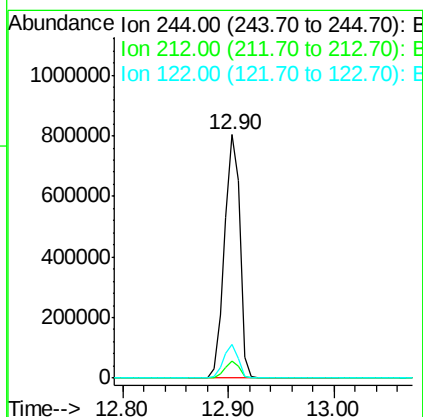
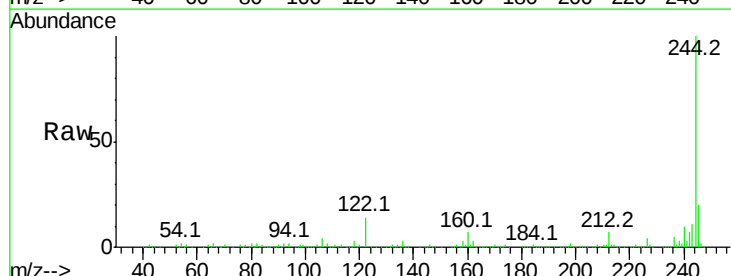
Instrument :
BNA_F
ClientSampleId :

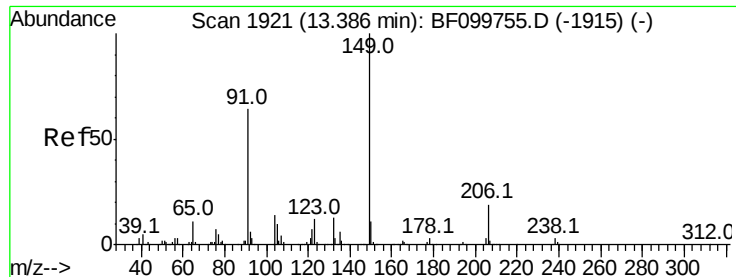
Tot Ion:202 Resp: 672962
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 65.705 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:244 Resp: 817111
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.9 11.0 16.4

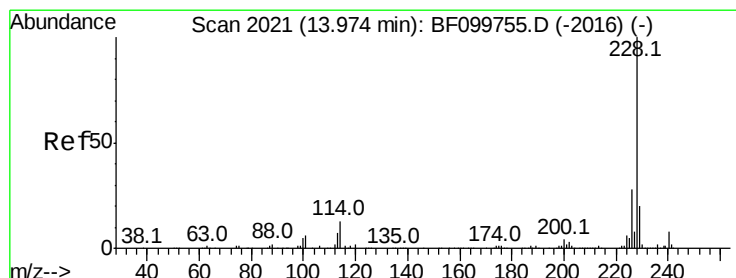
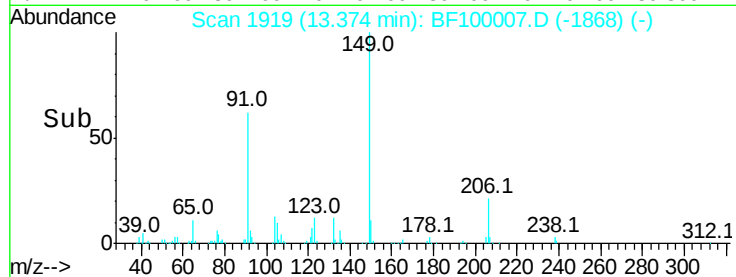
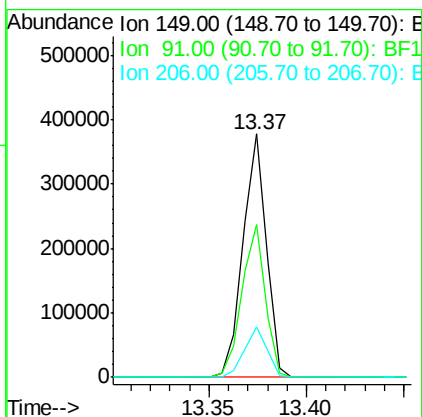
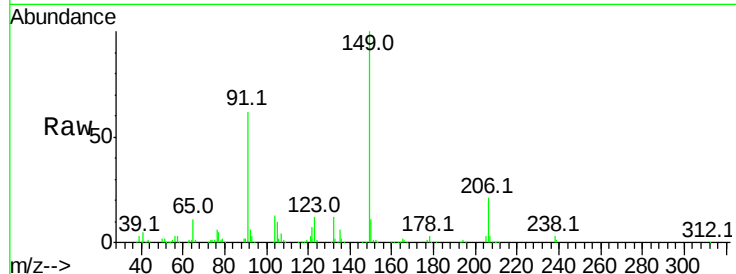




#79
 Butylbenzylphthalate
 Concen: 30.869 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

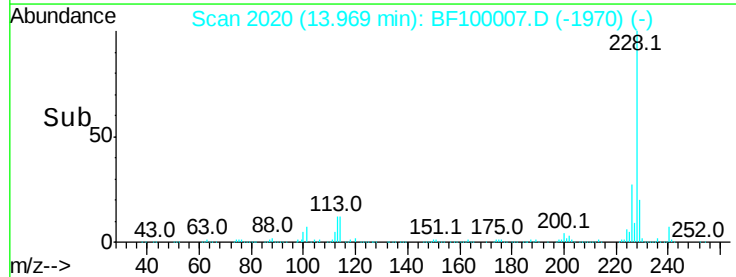
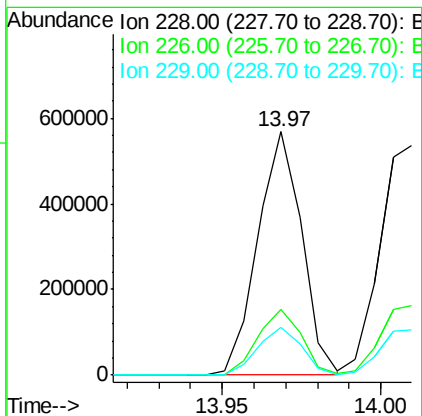
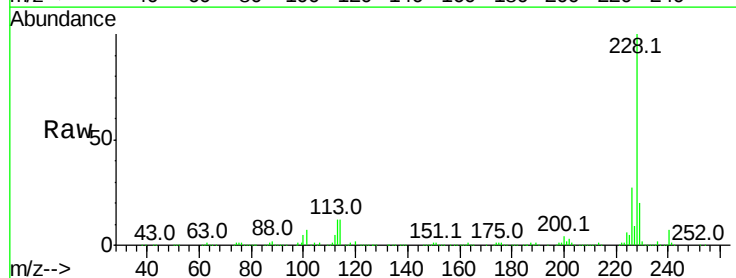
Instrument :
 BNA_F
 ClientSampleId :

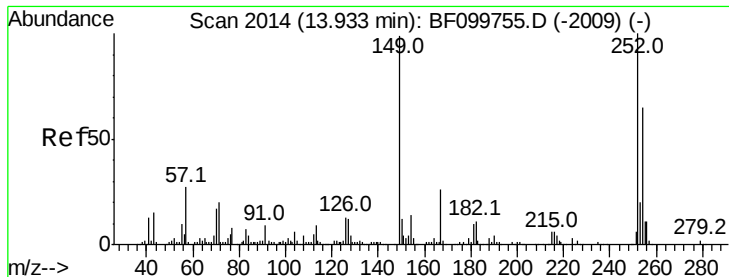
Tot Ion:149 Resp: 314140
 Ion Ratio Lower Upper
 149 100
 91 62.5 56.8 85.2
 206 20.6 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 31.808 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion:228 Resp: 548015
 Ion Ratio Lower Upper
 228 100
 226 27.1 22.6 33.8
 229 19.7 15.8 23.6

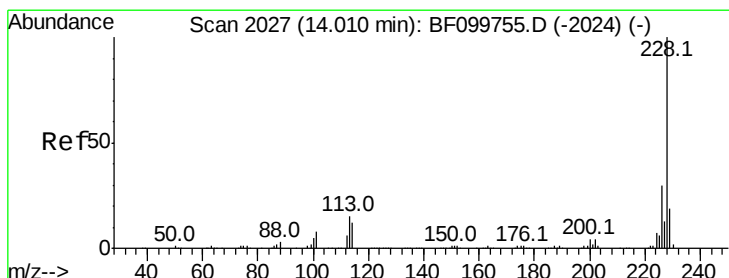
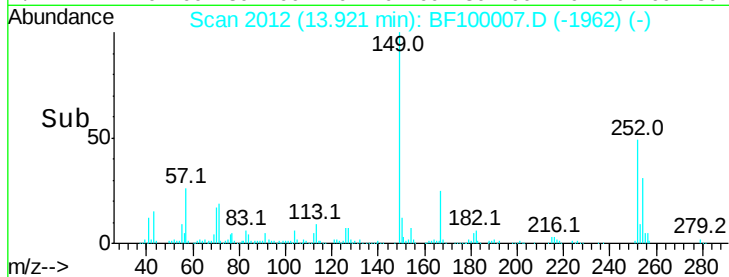
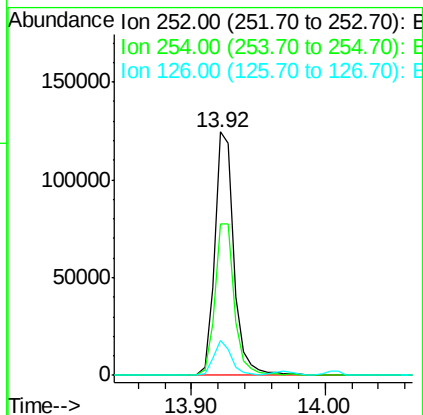
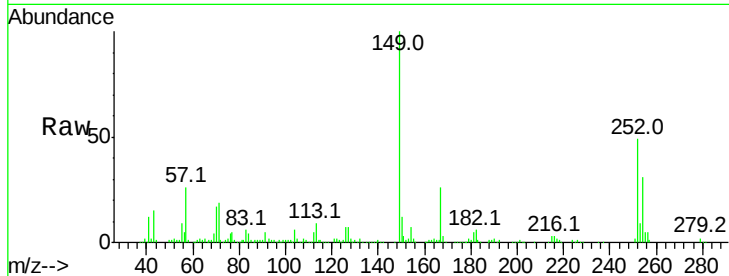




#81
 3,3'-Dichlorobenzidine
 Concen: 20.259 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

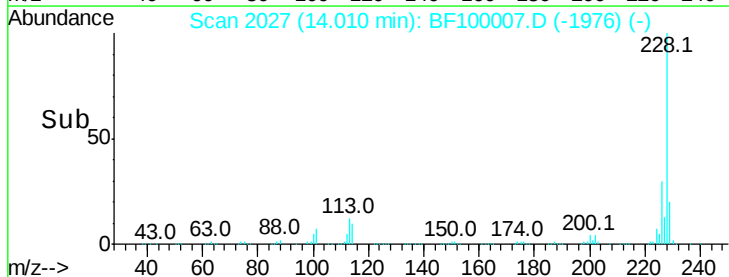
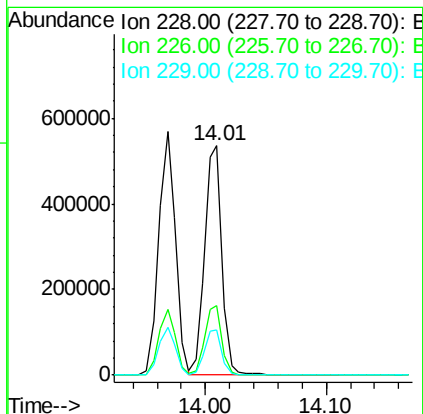
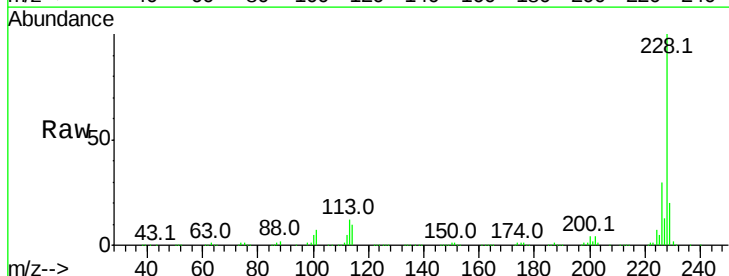
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 126702
 Ion Ratio Lower Upper
 252 100
 254 62.4 50.4 75.6
 126 14.3 11.3 16.9



#82
 Chrysene
 Concen: 32.640 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion:228 Resp: 528682
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.453 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

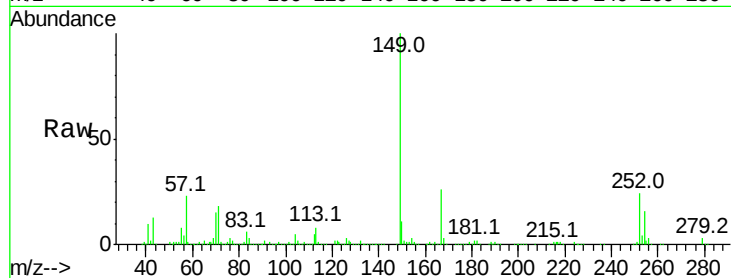
Tot Ion:149 Resp: 435194

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

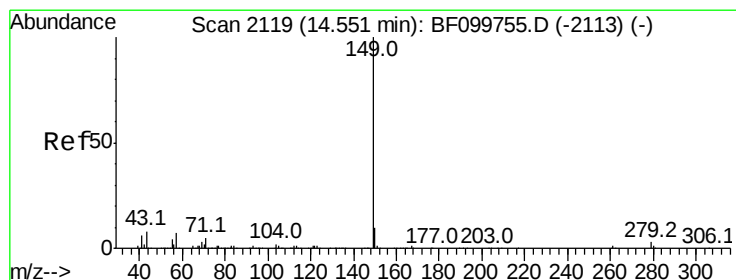
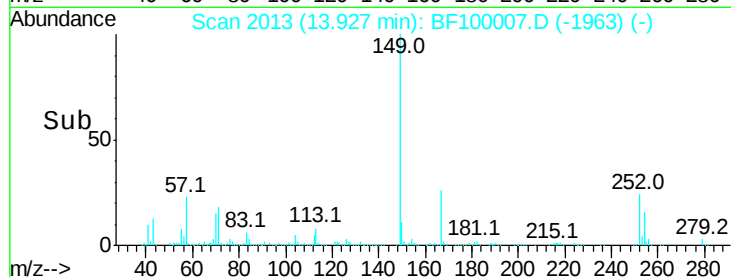
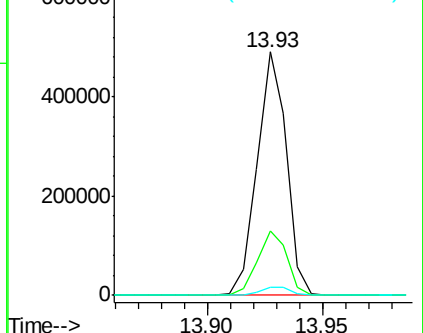
279 3.1 3.0 4.4



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: 30.872 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

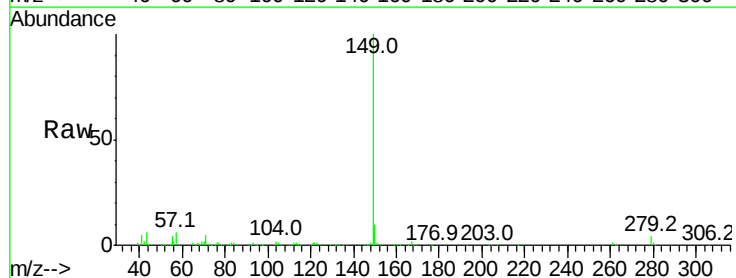
Tgt Ion:149 Resp: 757244

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

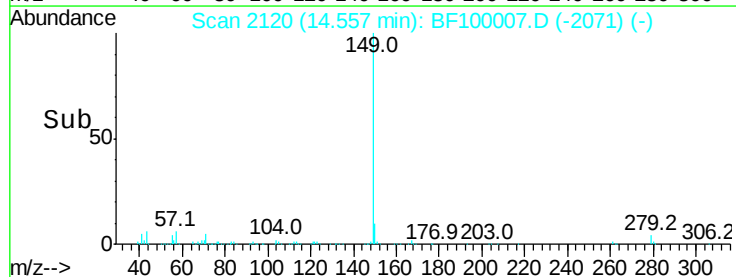
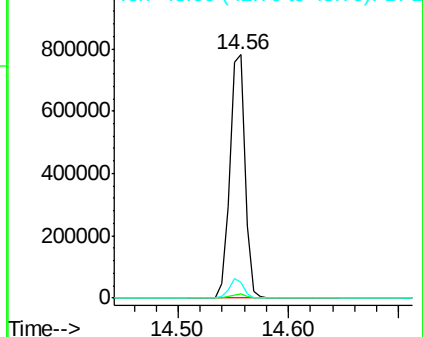
43 7.3 8.4 12.6#

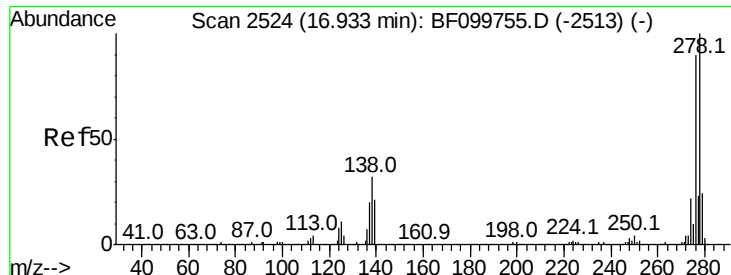


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

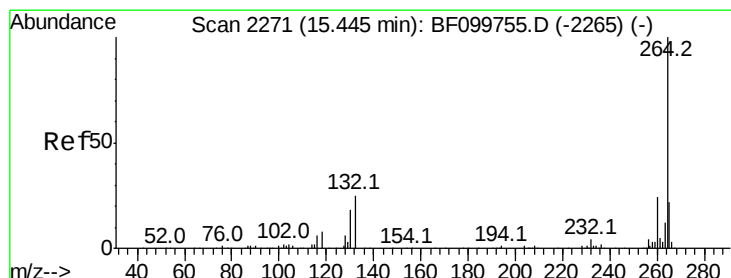
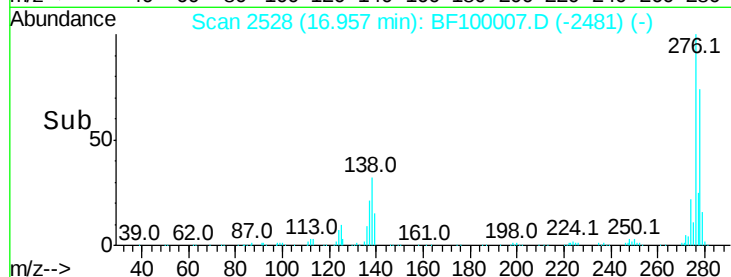
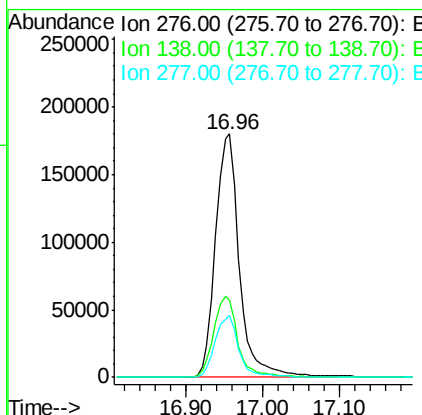
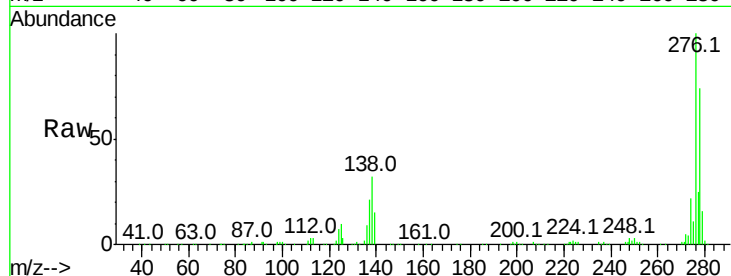




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.056 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

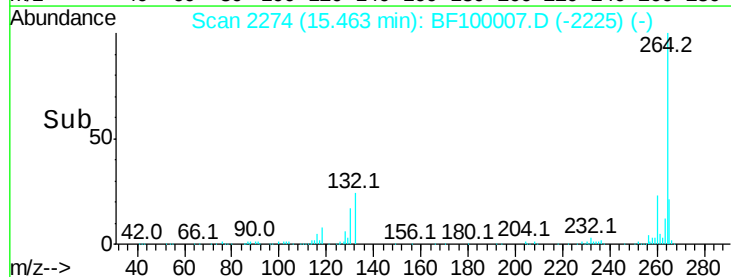
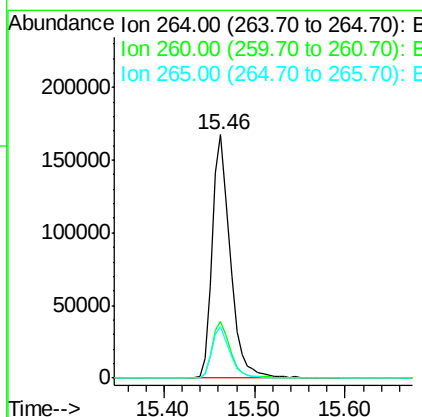
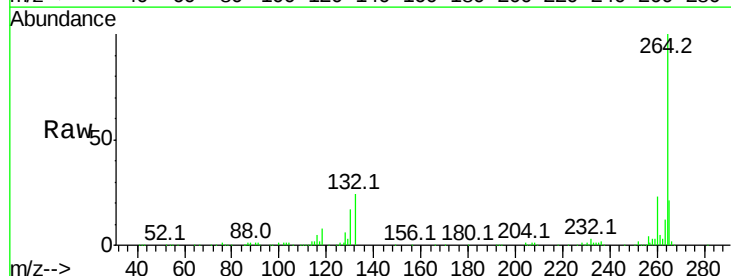
Instrument :
 BNA_F
 ClientSampleId :

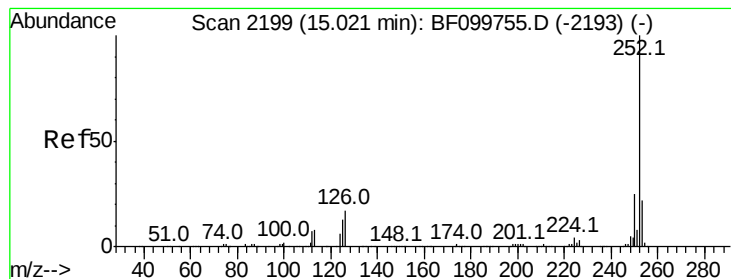
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 30.424 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampled :

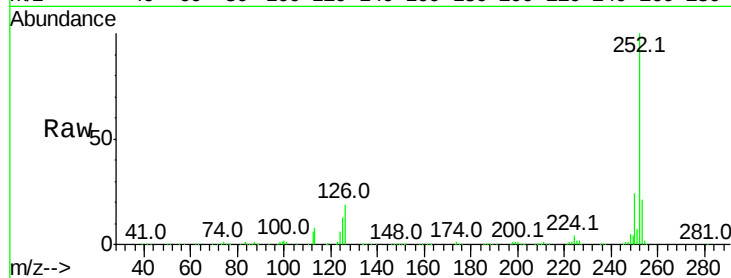
Tot Ion:252 Resp: 447889

Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.6

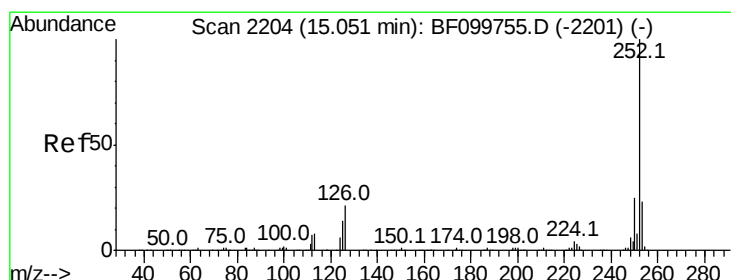
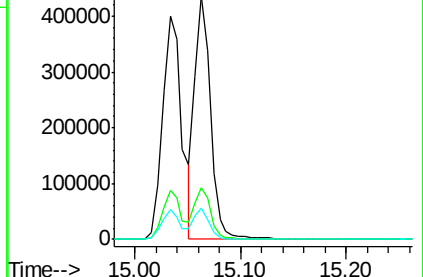
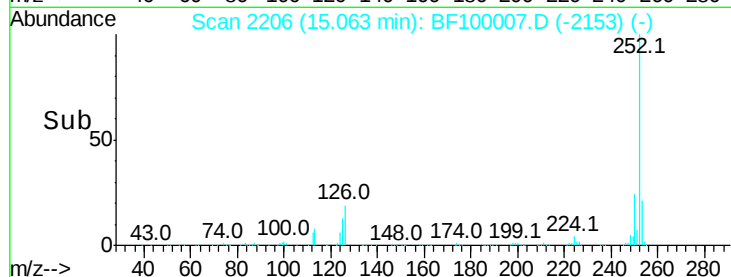
125 12.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.264 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

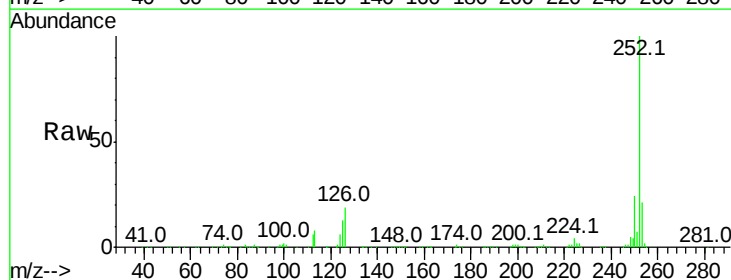
Tgt Ion:252 Resp: 447889

Ion Ratio Lower Upper

252 100

253 21.0 17.9 26.9

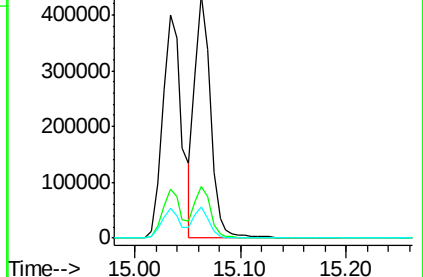
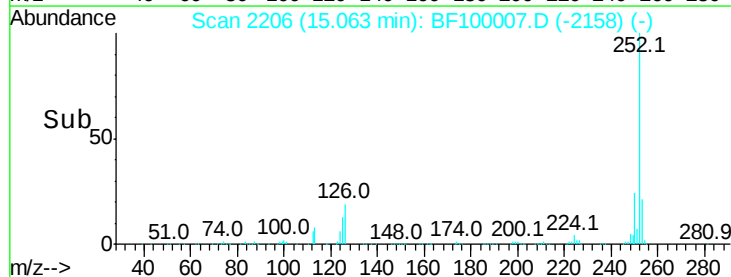
125 12.7 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 33.380 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

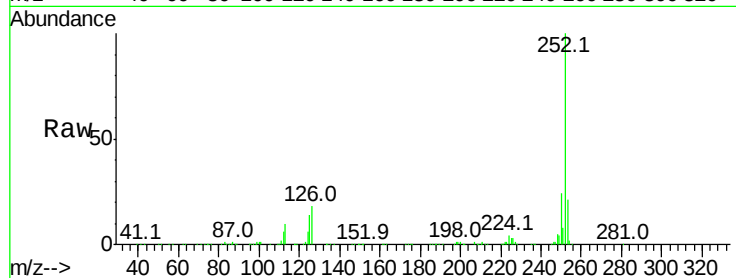
Tot Ion:252 Resp: 441424

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

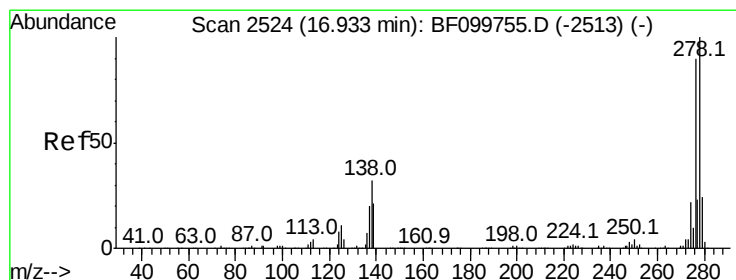
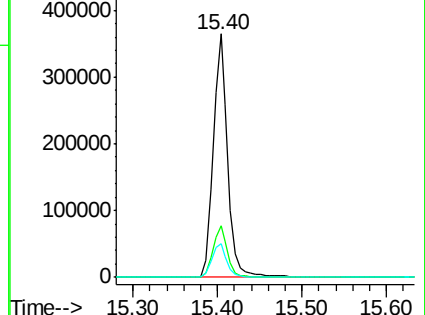
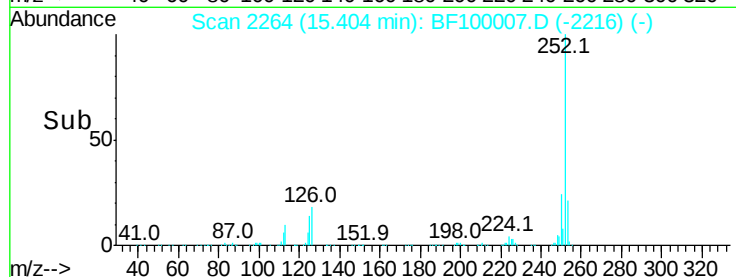
125 13.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 27.814 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

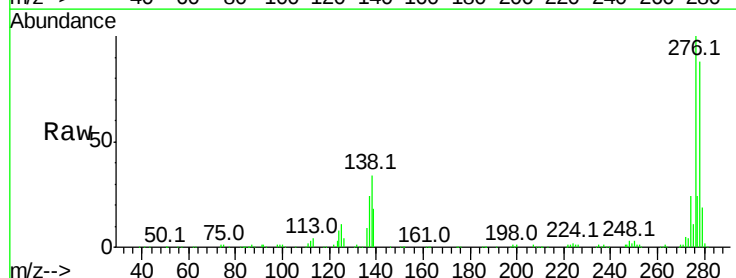
Tgt Ion:278 Resp: 326828

Ion Ratio Lower Upper

278 100

139 20.8 15.9 23.9

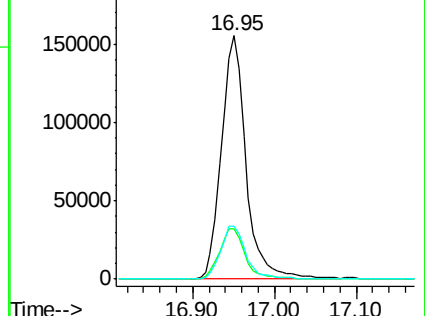
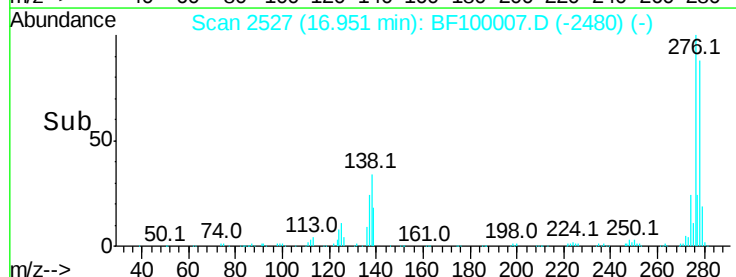
279 21.6 19.0 28.4

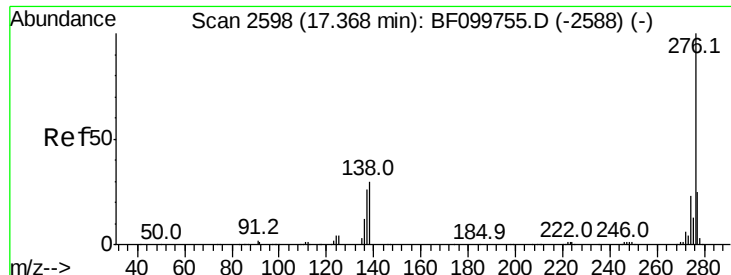


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 27.625 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.02 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

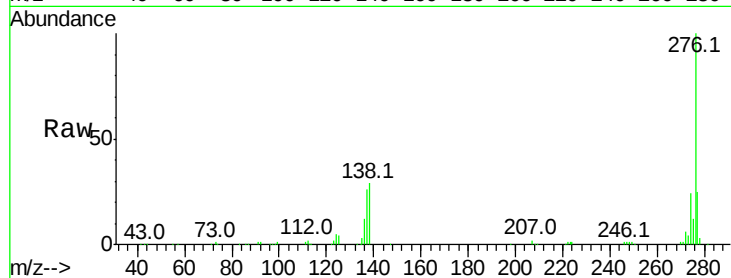
Tot Ion:276 Resp: 317581

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 29.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

