

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099893.D
 Acq On : 27 Oct 2017 23:41
 Operator : SJ/JU
 Sample : I6029-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 28 01:53:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91750	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	382007	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	176954	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	319483	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180409	20.00	ng	0.00
86) Perylene-d12	15.46	264	162266	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	619299	105.97	ng	0.00
7) Phenol-d6	6.45	99	730957	105.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	423539	71.38	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	165818	102.83	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	858066	74.81	ng	0.00
78) Terphenyl-d14	12.92	244	717968	86.97	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	71683	27.78	ng	# 89
3) Pyridine	3.35	79	167437	26.98	ng	# 88
4) n-Nitrosodimethylamine	3.28	42	67231	30.32	ng	# 70
6) Aniline	6.47	93	181165	20.16	ng	95
8) 2-Chlorophenol	6.59	128	205323	32.96	ng	91
9) Benzaldehyde	6.36	77	104290	25.19	ng	85
10) Phenol	6.46	94	276553	36.35	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	183756	31.28	ng	94
12) 1,3-Dichlorobenzene	6.73	146	209469	29.95	ng	96
13) 1,4-Dichlorobenzene	6.81	146	211883	29.85	ng	98
14) 1,2-Dichlorobenzene	6.96	146	201147	31.09	ng	98
15) Benzyl Alcohol	6.95	79	143640	32.59	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	233750	35.82	ng	56
17) 2-Methylphenol	7.06	107	161301	30.96	ng	# 93
18) Hexachloroethane	7.30	117	67646	28.57	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	127808	31.47	ng	90
20) 3+4-Methylphenols	7.22	107	209523	34.54	ng	# 74
22) Acetophenone	7.21	105	269354	30.97	ng	# 95
24) Nitrobenzene	7.39	77	191589	32.05	ng	91
25) Isophorone	7.62	82	358688	33.31	ng	95
26) 2-Nitrophenol	7.70	139	114905	33.56	ng	# 82
27) 2,4-Dimethylphenol	7.74	122	172611	34.21	ng	94
28) bis(2-Chloroethoxy)methane	7.83	93	240822	31.94	ng	99
29) 2,4-Dichlorophenol	7.95	162	178554	34.07	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	174945	31.24	ng	99
31) Naphthalene	8.10	128	582554	31.59	ng	99
33) 4-Chloroaniline	8.16	127	133320	17.51	ng	95
34) Hexachlorobutadiene	8.21	225	85125	29.55	ng	98
35) Caprolactam	8.54	113	36309	22.03	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	174783	32.67	ng	93
37) 2-Methylnaphthalene	8.79	142	412976	33.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	168690	29.52	ng	98
40) Hexachlorocyclopentadiene	8.94	237	37585	41.93	ng	96
42) 2,4,6-Trichlorophenol	9.09	196	112790	32.63	ng	98

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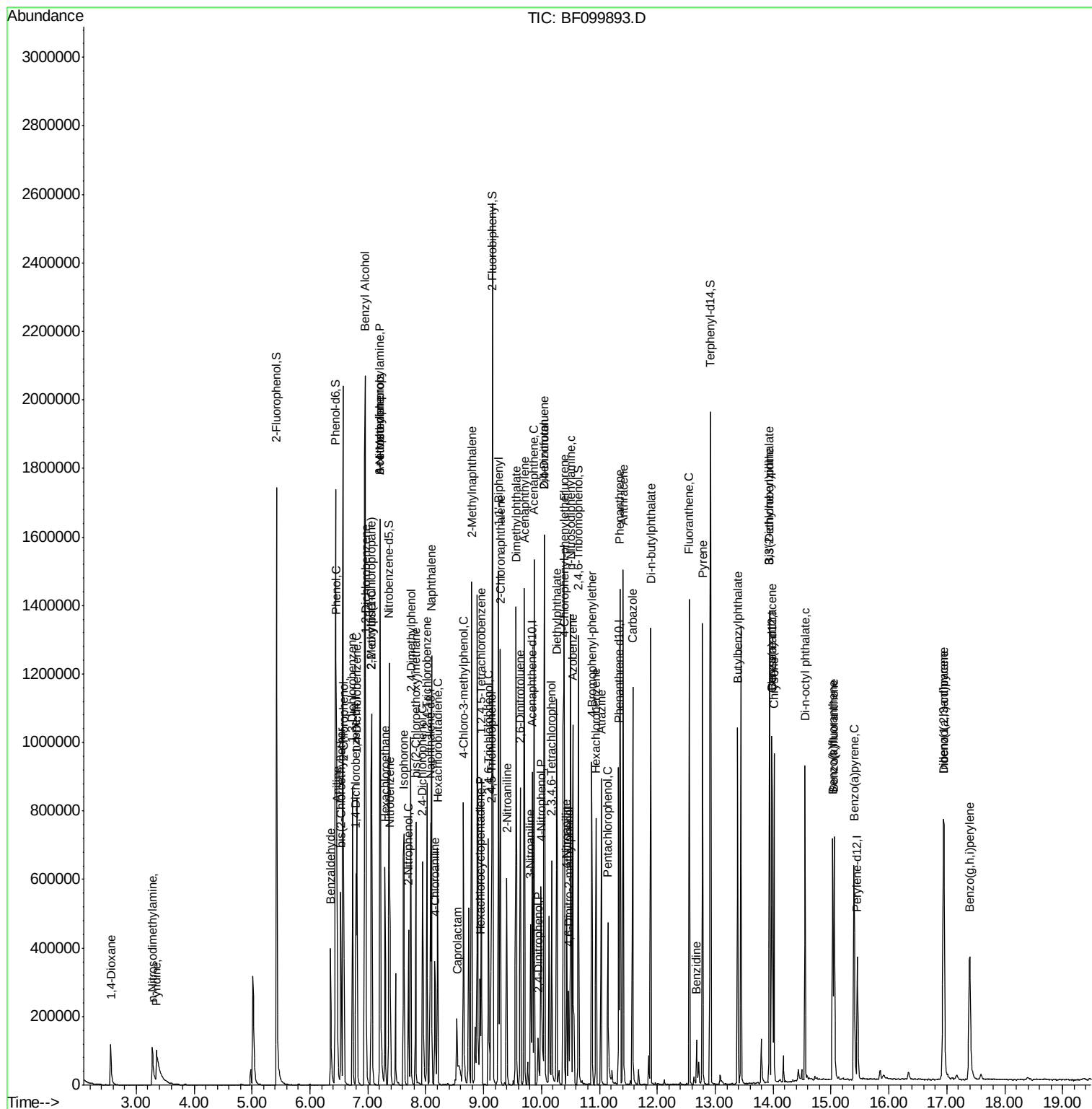
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	116437	31.74	nq	# 93
45) 1,1'-Biphenyl	9.26	154	476048	29.74	nq	98
46) 2-Chloronaphthalene	9.29	162	376964	32.43	nq	96
47) 2-Nitroaniline	9.40	65	99070	32.47	nq	# 82
48) Acenaphthylene	9.70	152	558337	31.18	nq	99
49) Dimethylphthalate	9.56	163	584863	41.74	nq	99
50) 2,6-Dinitrotoluene	9.64	165	97496	33.10	nq	# 77
51) Acenaphthene	9.87	154	336569	30.76	nq	99
52) 3-Nitroaniline	9.81	138	86455	24.91	nq	90
53) 2,4-Dinitrophenol	9.94	184	34412	33.22	nq	# 79
54) Dibenzofuran	10.05	168	499616	32.35	nq	99
55) 4-Nitrophenol	9.99	139	98137	54.11	nq	86
56) 2,4-Dinitrotoluene	10.05	165	120609	34.00	nq	# 90
57) Fluorene	10.39	166	406942	31.82	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	89369	34.75	nq	# 89
59) Diethylphthalate	10.26	149	428339	31.30	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	188841	31.38	nq	89
61) 4-Nitroaniline	10.43	138	95879	28.95	nq	85
62) Azobenzene	10.54	77	410586	35.79	nq	91
64) 4,6-Dinitro-2-methylphenol	10.47	198	47047	23.43	nq	# 71
65) n-Nitrosodiphenylamine	10.50	169	356675	30.24	nq	98
66) 4-Bromophenyl-phenylether	10.87	248	108399	32.23	nq	92
67) Hexachlorobenzene	10.95	284	108367	31.49	nq	# 88
68) Atrazine	11.03	200	112183	31.67	nq	99
69) Pentachlorophenol	11.15	266	70406	47.89	nq	99
70) Phenanthrene	11.36	178	568552	31.53	nq	98
71) Anthracene	11.41	178	586976	32.07	nq	99
72) Carbazole	11.57	167	531726	30.90	nq	98
73) Di-n-butylphthalate	11.89	149	670831	30.56	nq	98
74) Fluoranthene	12.55	202	547593	29.22	nq	99
76) Benzidine	12.68	184	65480	8.29	nq	98
77) Pyrene	12.78	202	543321	39.61	nq	99
79) Butylbenzylphthalate	13.39	149	246394	36.47	nq	92
80) Benzo(a)anthracene	13.97	228	355813	31.11	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	98586	23.75	nq	99
82) Chrysene	14.02	228	342747	31.88	nq	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	344168	36.28	nq	# 98
84) Di-n-octyl phthalate	14.55	149	476156	29.24	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.95	276	353489	35.81	nq	97
87) Benzo(b)fluoranthene	15.03	252	321231	31.35	nq	97
88) Benzo(k)fluoranthene	15.06	252	278127	28.79	nq	98
89) Benzo(a)pyrene	15.40	252	295167	32.07	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	292956	35.82	nq	98
91) Benzo(g,h,i)perylene	17.40	276	307684	38.45	nq	98

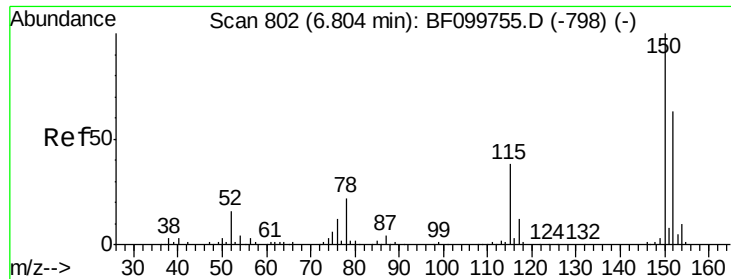
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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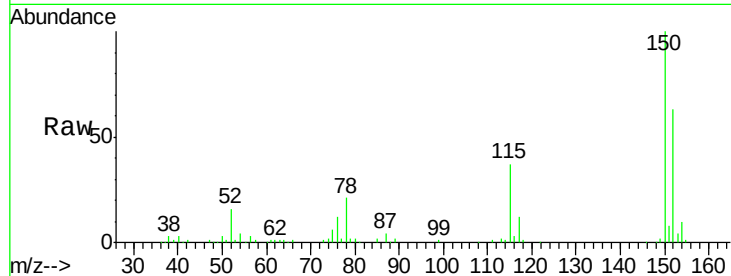


#1

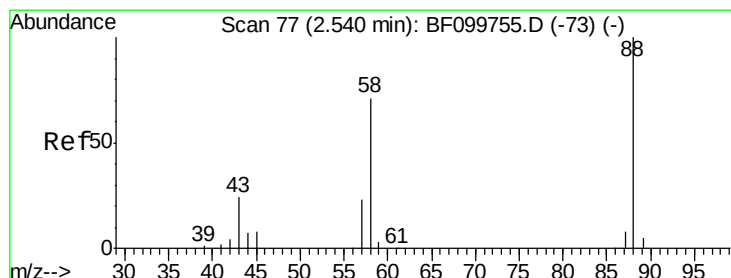
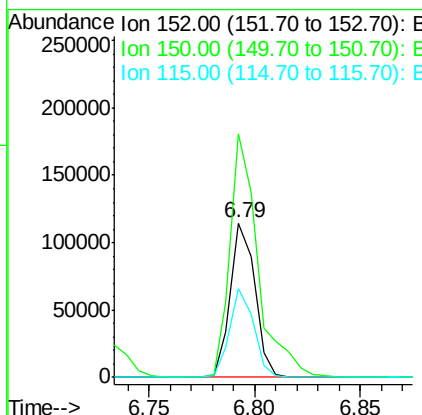
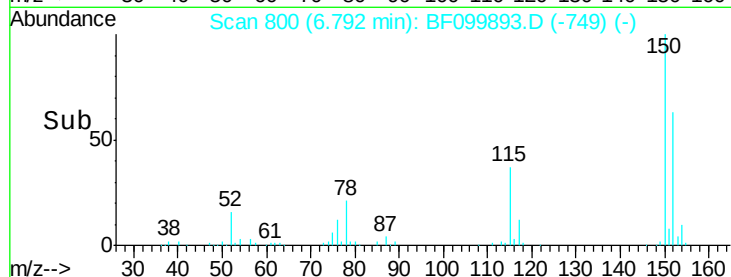
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 91750
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 57.9 50.1 75.1



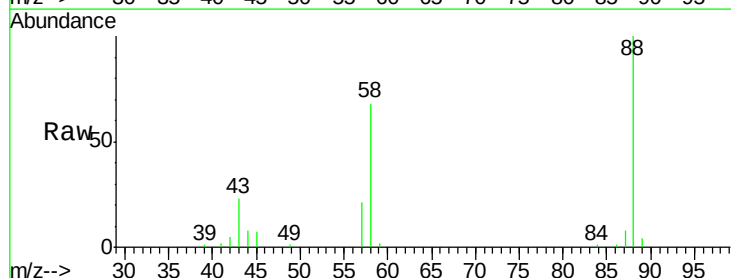
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



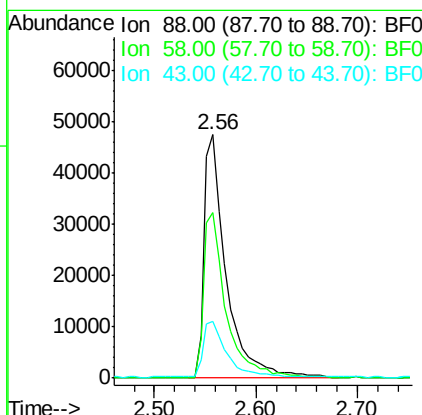
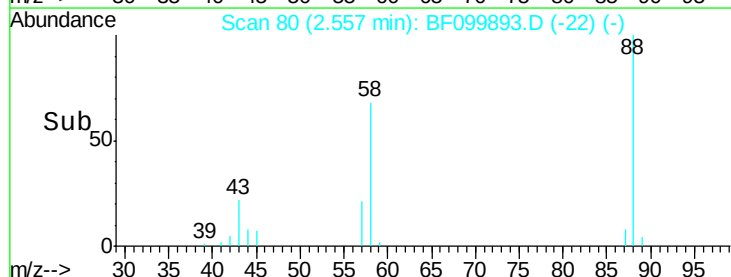
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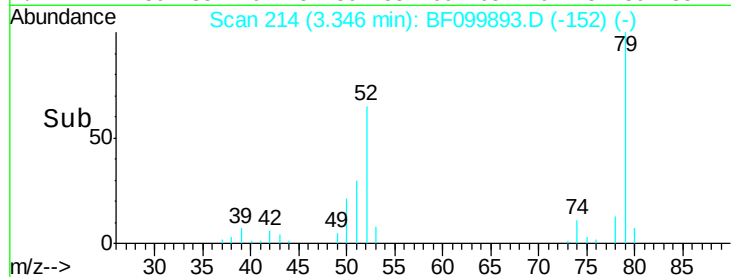
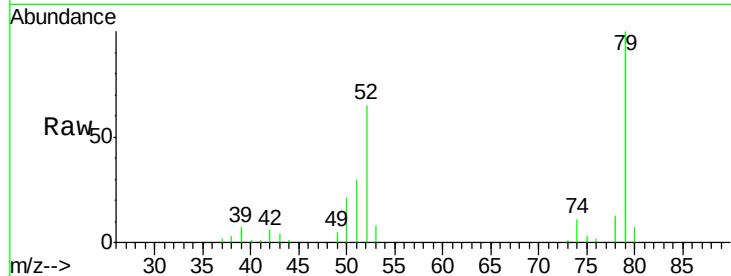
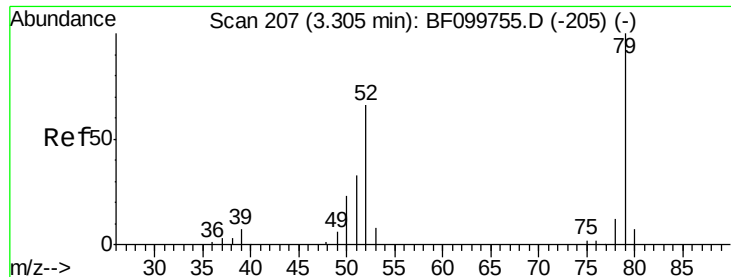
1,4-Dioxane
Concen: 27.78 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion: 88 Resp: 71683
Ion Ratio Lower Upper
88 100
58 69.6 62.6 93.8
43 23.8 24.6 37.0#



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

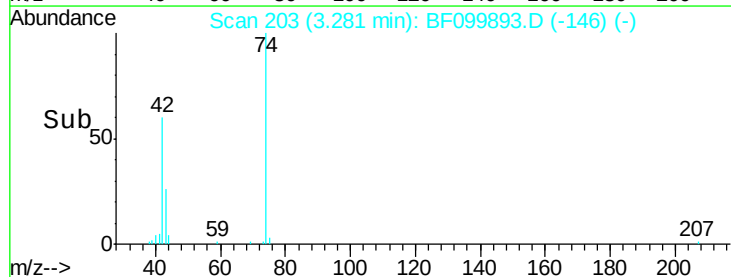
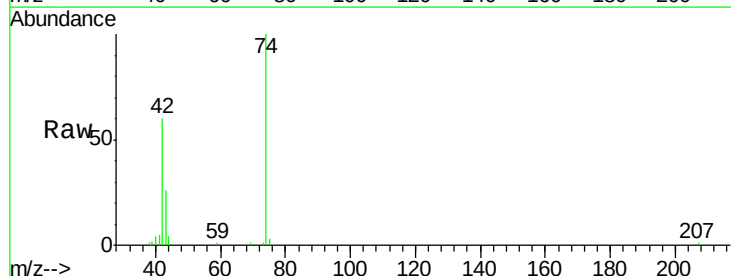
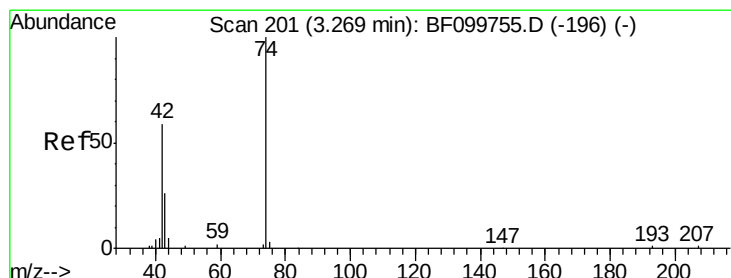
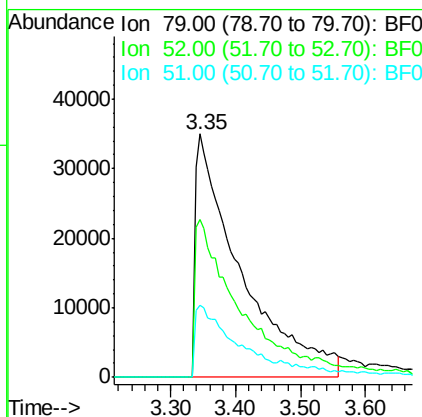




#3
 Pvridine
 Concen: 26.98 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.06 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

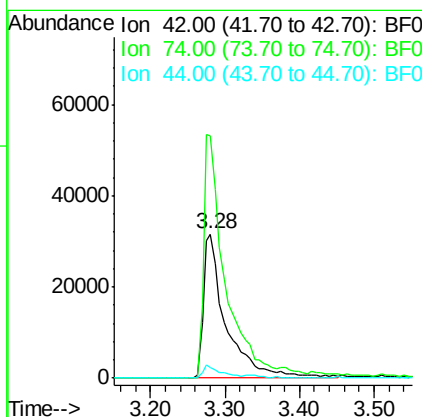
Instrument :
 BNA_F
 ClientSampled :

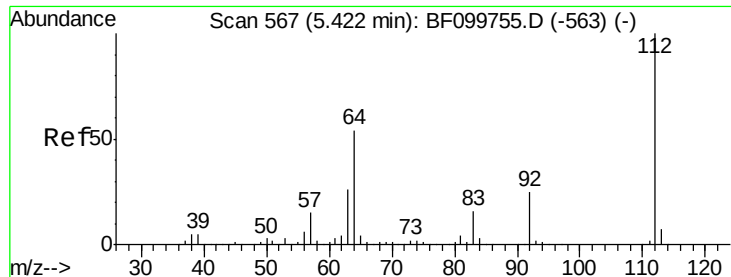
Tot Ion: 79 Resp: 167437
 Ion Ratio Lower Upper
 79 100
 52 64.7 59.8 89.6
 51 29.5 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 30.32 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.04 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion: 42 Resp: 67231
 Ion Ratio Lower Upper
 42 100
 74 167.9 104.9 157.3#
 44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 105.97 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

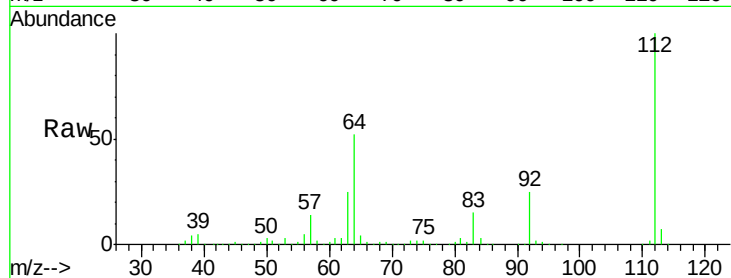
Tot Ion: 112 Resp: 619299

Ion Ratio Lower Upper

112 100

64 52.2 47.9 71.9

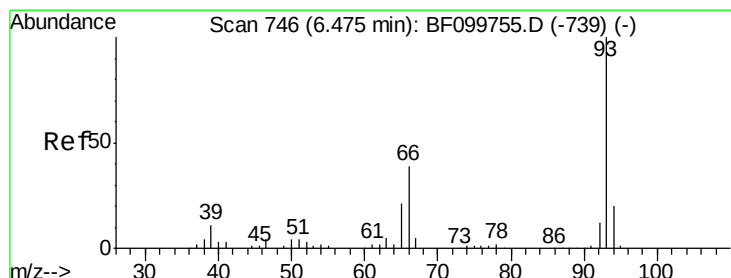
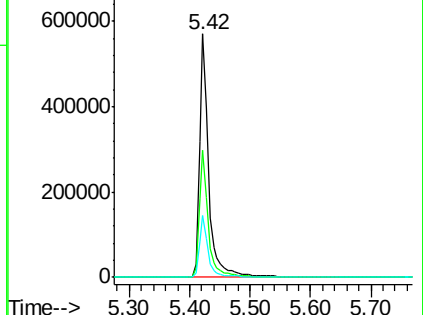
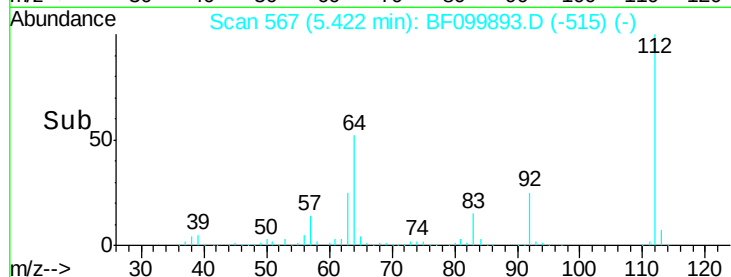
63 25.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.16 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

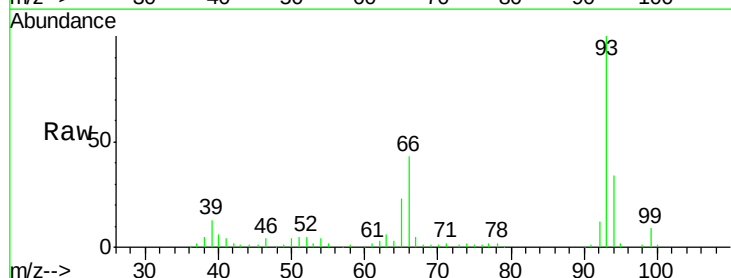
Tgt Ion: 93 Resp: 181165

Ion Ratio Lower Upper

93 100

66 43.1 32.2 48.2

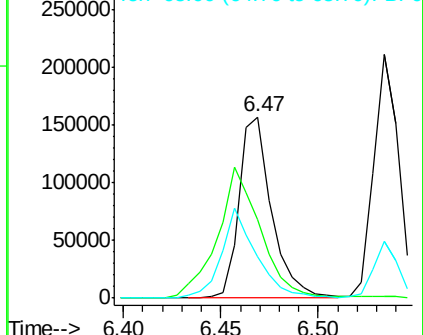
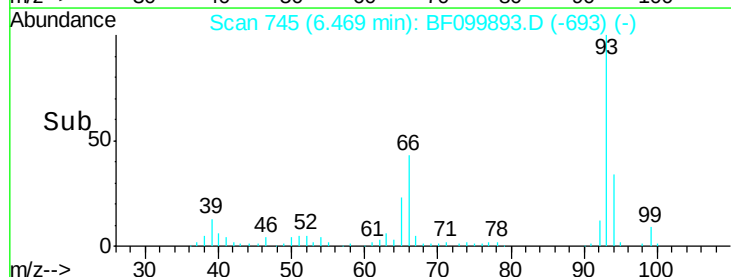
65 22.5 16.4 24.6

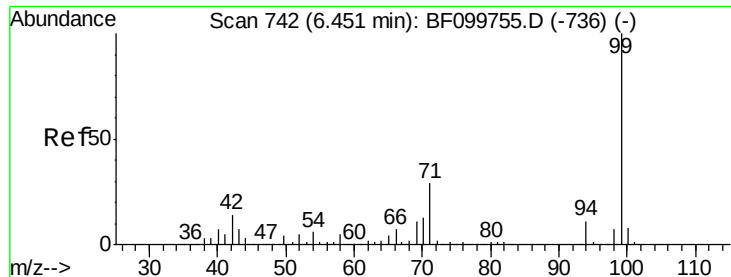


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.49 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

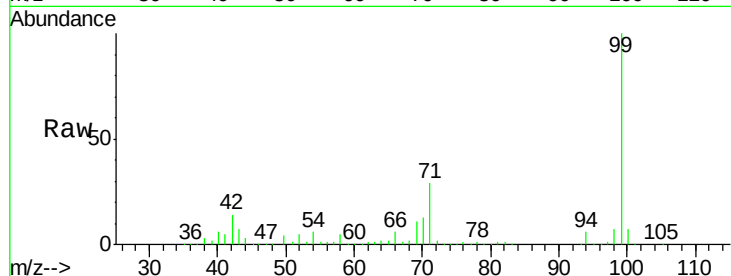
Tot Ion: 99 Resp: 730957

Ion Ratio Lower Upper

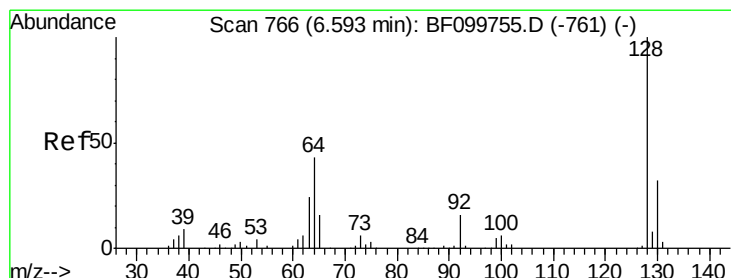
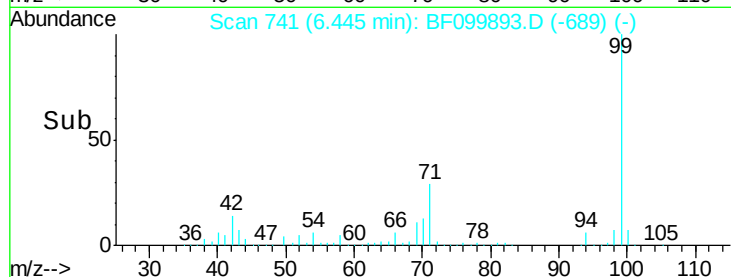
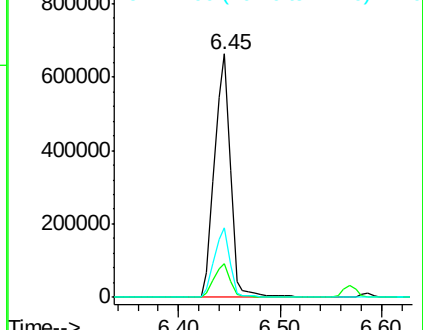
99 100

42 13.9 14.5 21.7#

71 28.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.96 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

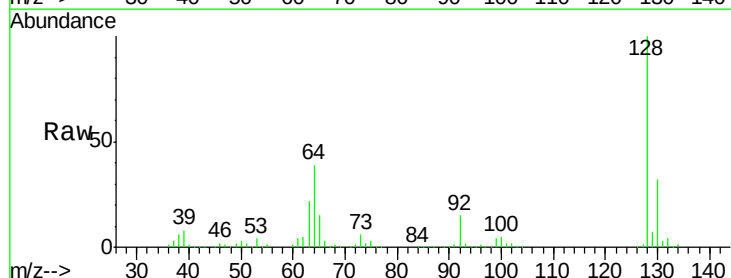
Tgt Ion: 128 Resp: 205323

Ion Ratio Lower Upper

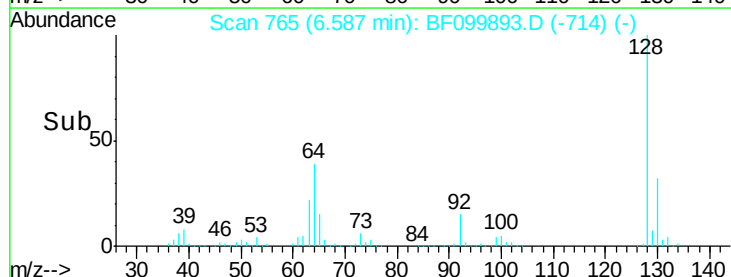
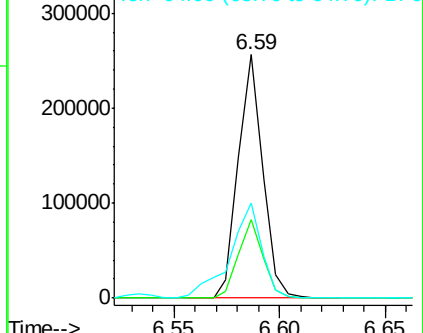
128 100

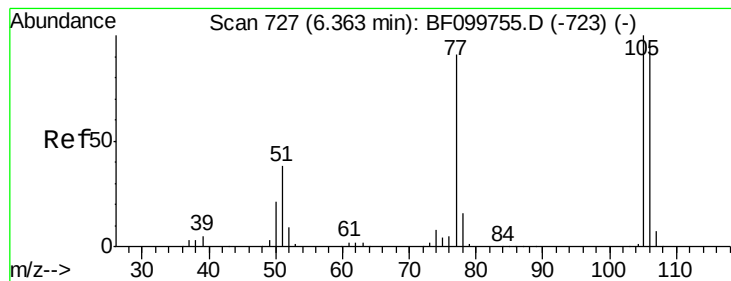
130 32.5 13.0 53.0

64 39.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.19 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

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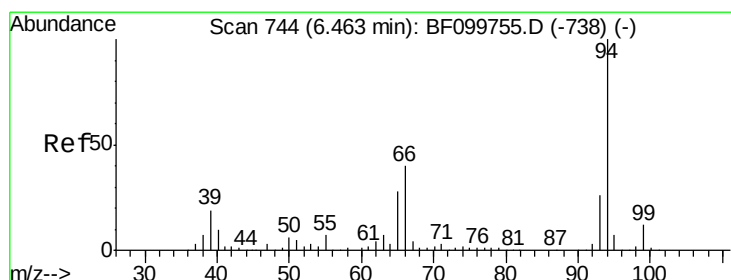
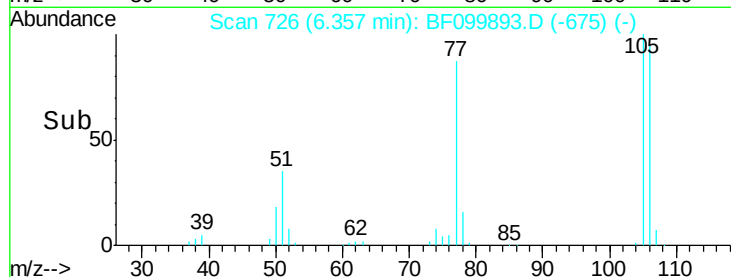
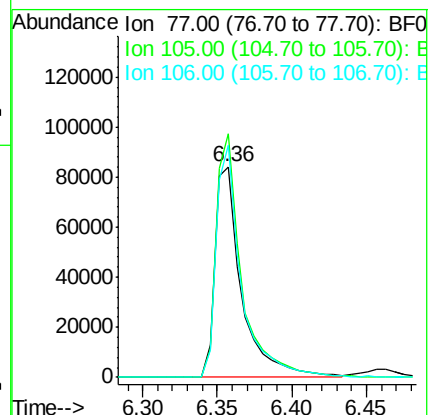
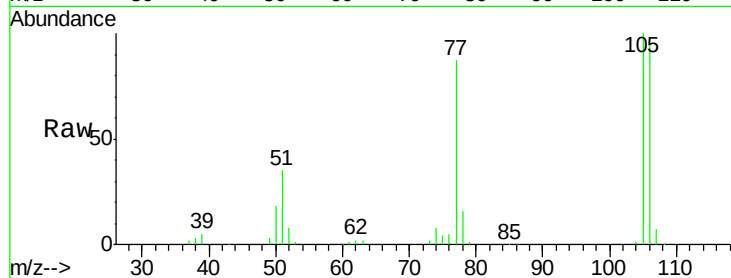
Tot Ion: 77 Resp: 104290

Ion Ratio Lower Upper

77 100

105 115.4 81.1 121.1

106 110.2 74.5 114.5



#10

Phenol

Concen: 36.35 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

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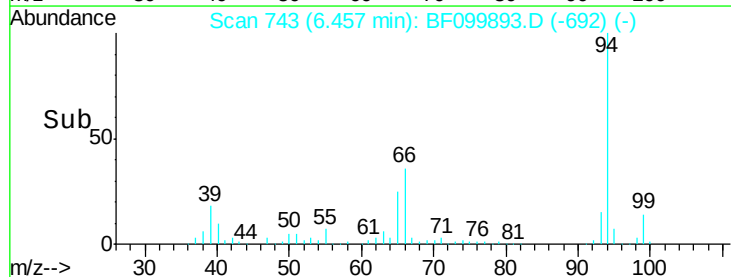
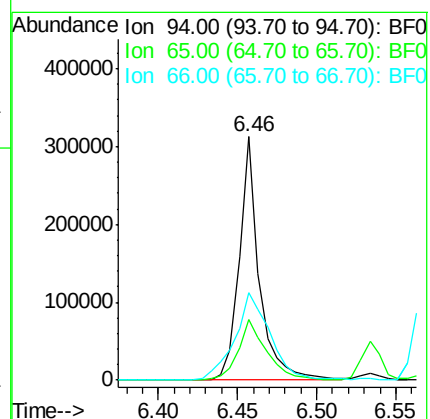
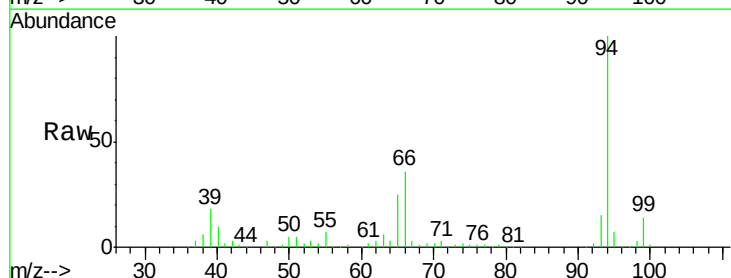
Tgt Ion: 94 Resp: 276553

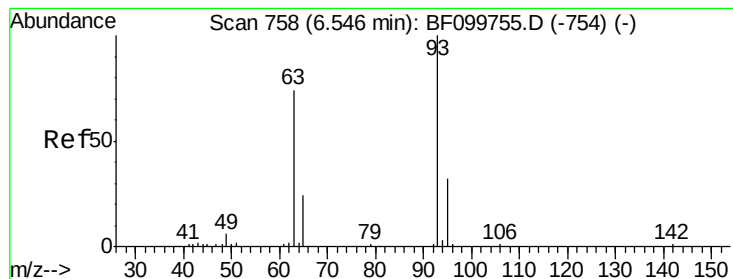
Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

66 36.2 16.2 56.2

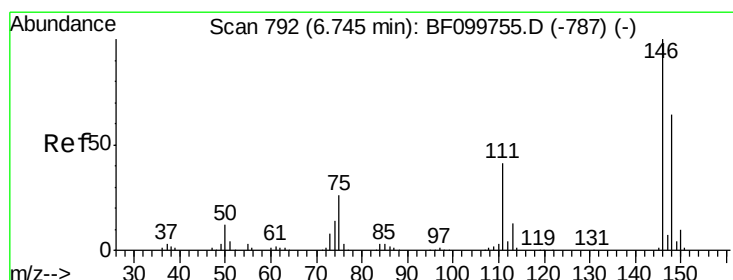
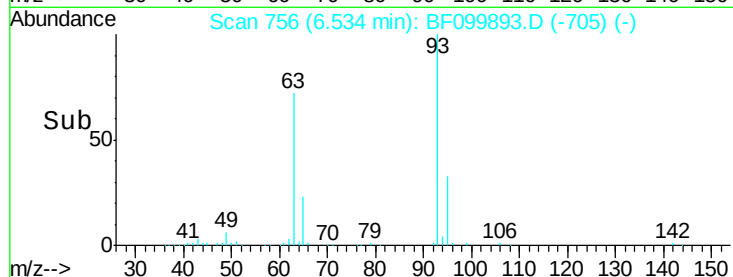
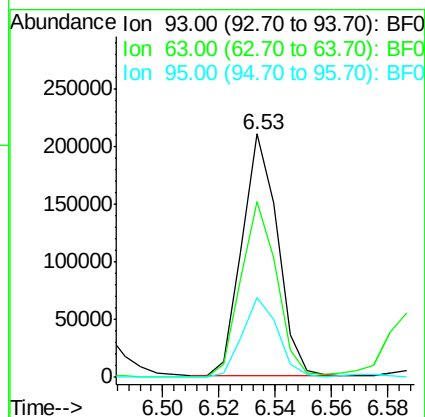
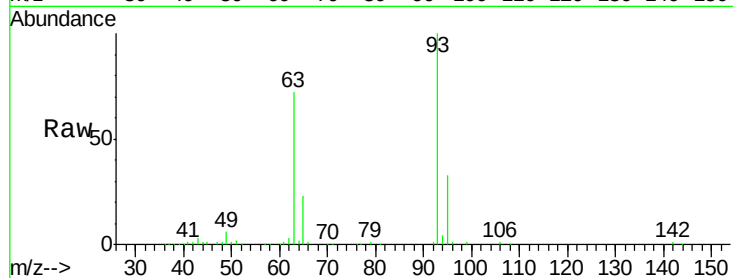




#11
bis(2-Chloroethyl)ether
Concen: 31.28 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

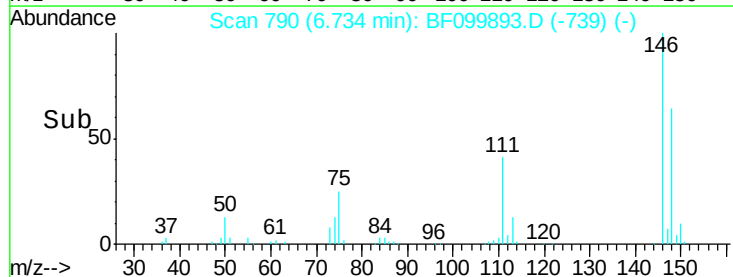
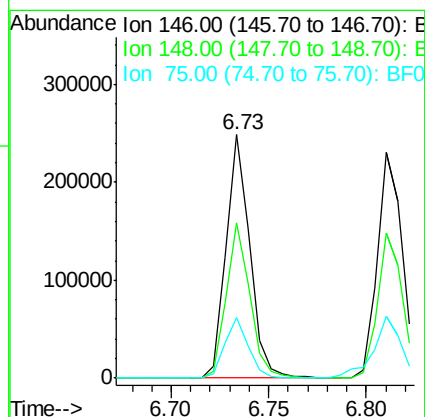
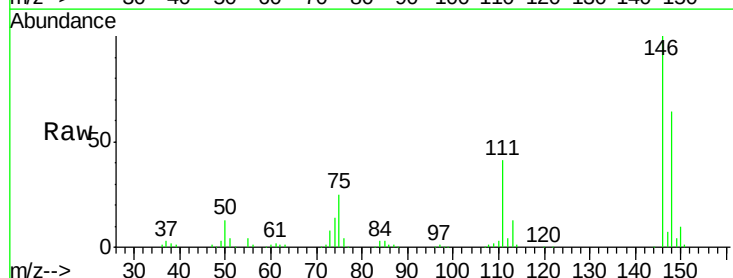
Instrument :
BNA_F
ClientSampleId :

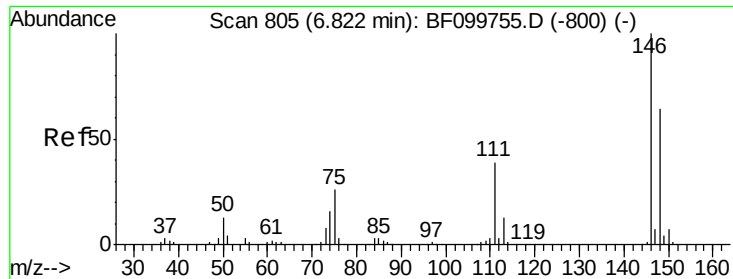
Tot Ion: 93 Resp: 183756
Ion Ratio Lower Upper
93 100
63 72.4 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 29.95 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion: 146 Resp: 209469
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 24.7 24.2 36.4

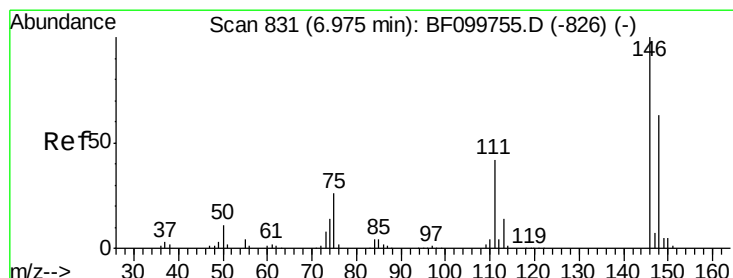
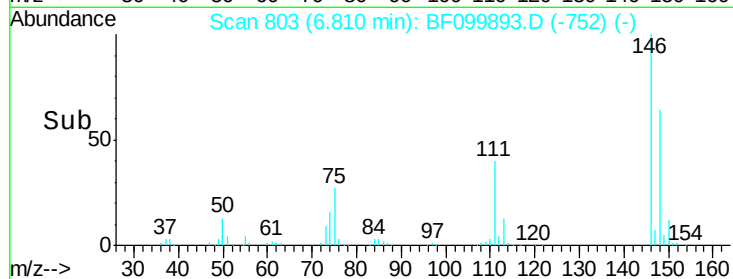
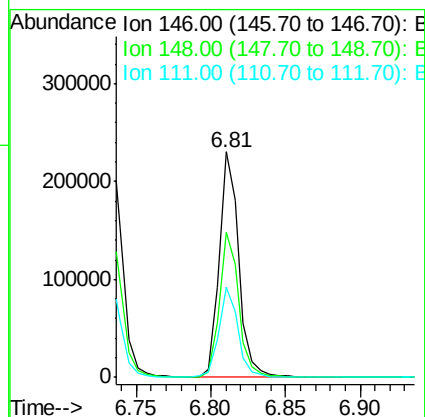
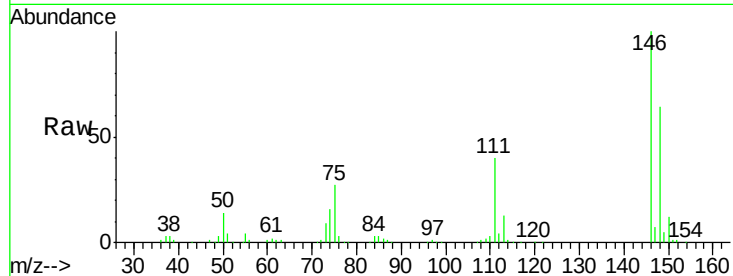




#13
 1,4-Dichlorobenzene
 Concen: 29.85 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

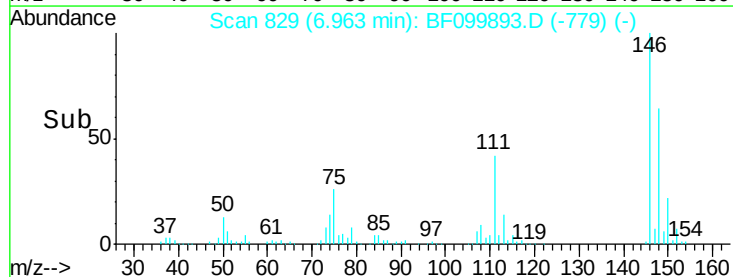
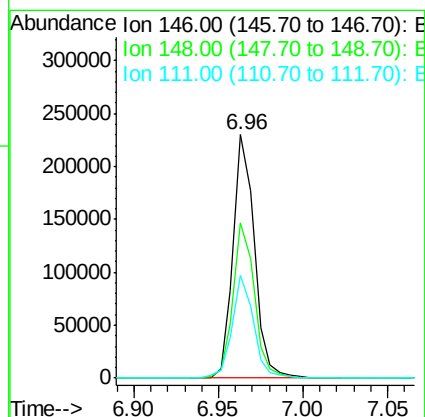
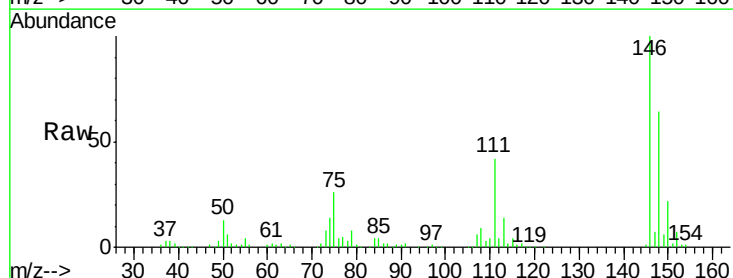
Instrument :
 BNA_F
 ClientSampleId :

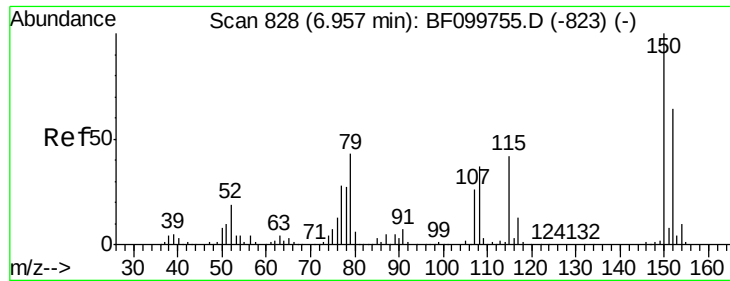
Tot Ion:146 Resp: 211883
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 40.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.09 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion:146 Resp: 201147
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 42.0 36.0 54.0

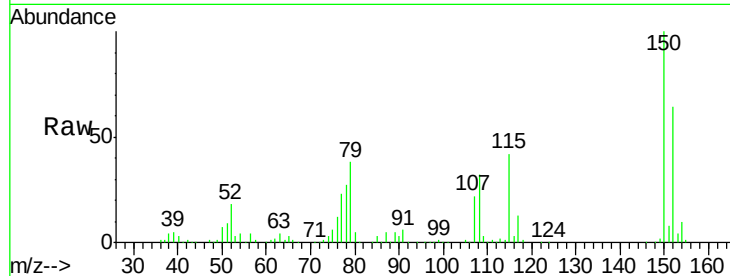




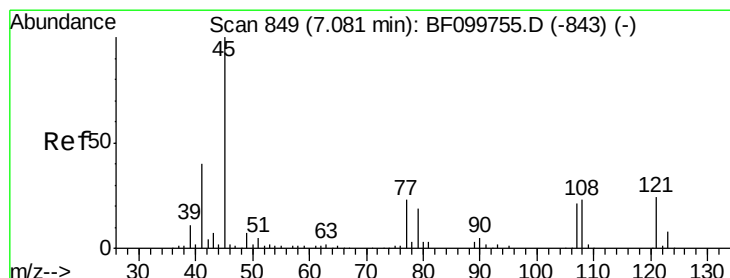
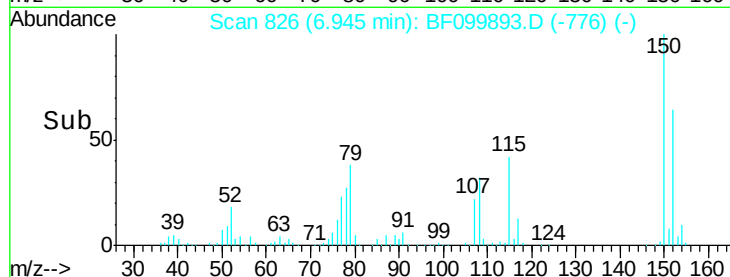
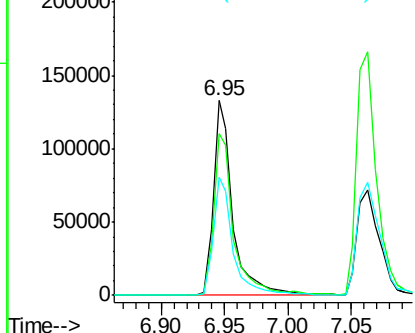
#15
Benzyl Alcohol
Concen: 32.59 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 143640
Ion Ratio Lower Upper
79 100
108 83.1 65.1 97.7
77 60.8 50.6 75.8

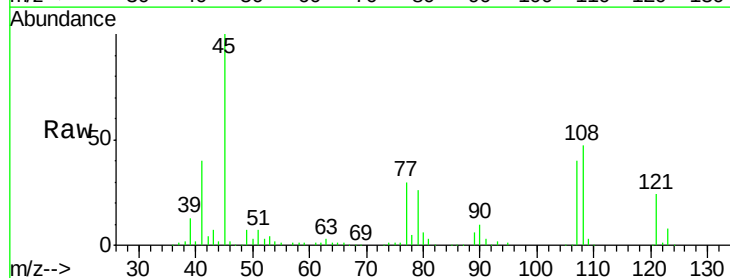


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

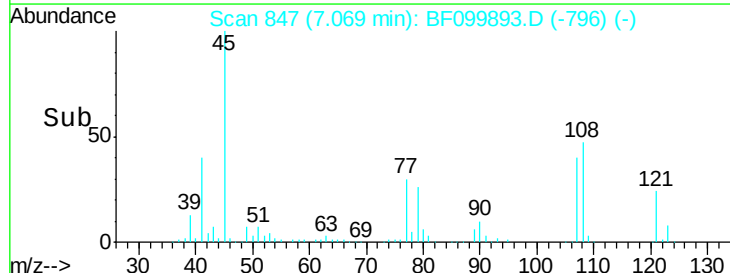
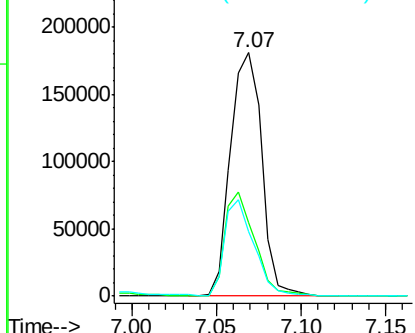


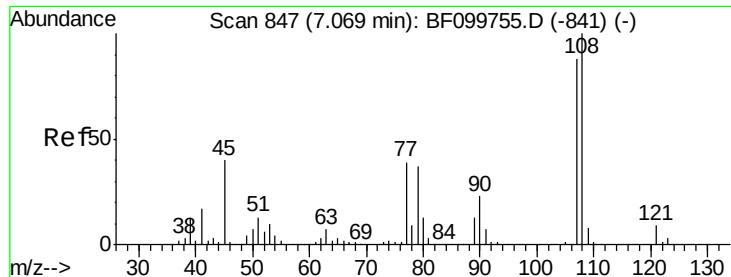
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.82 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion: 45 Resp: 233750
Ion Ratio Lower Upper
45 100
77 30.1 0.0 32.9
79 26.3 0.0 29.6



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

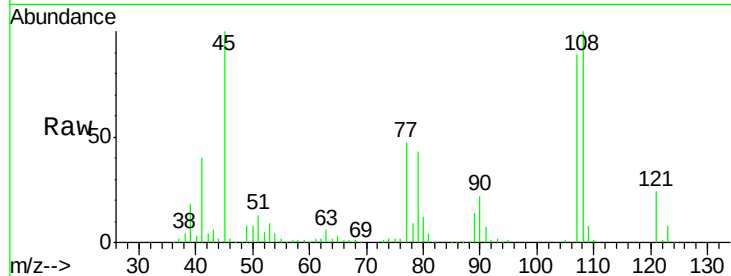




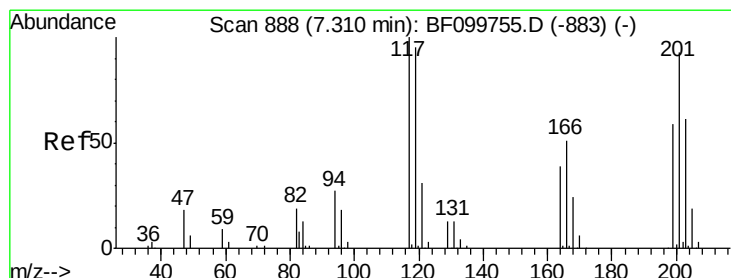
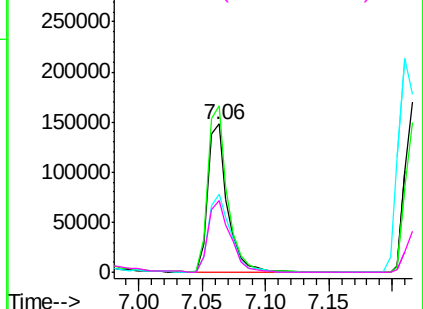
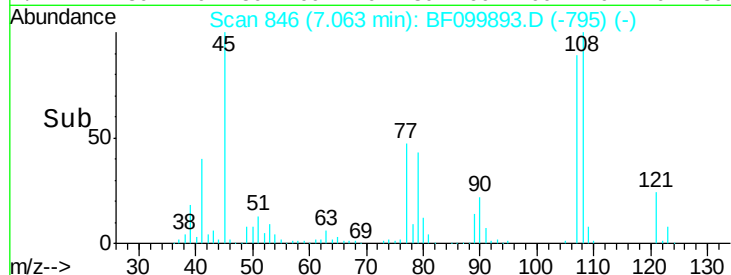
#17
2-Methylphenol
Concen: 30.96 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 161301
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 52.4 33.8 50.8#
79 48.5 33.8 50.8

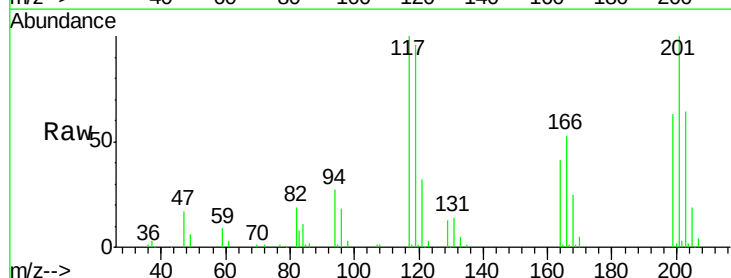


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

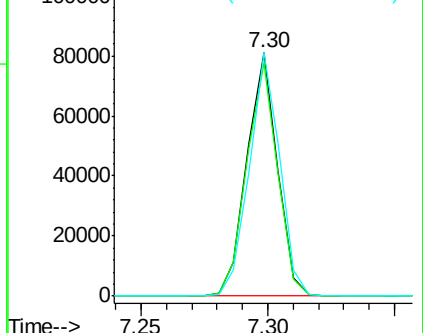
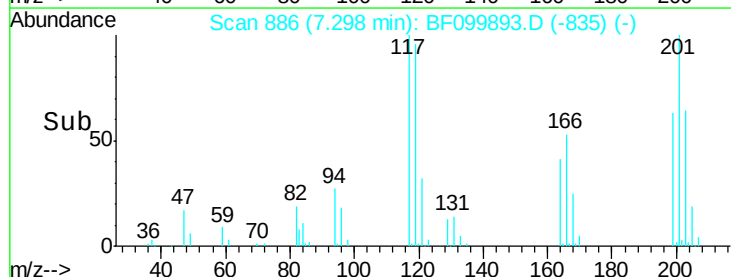


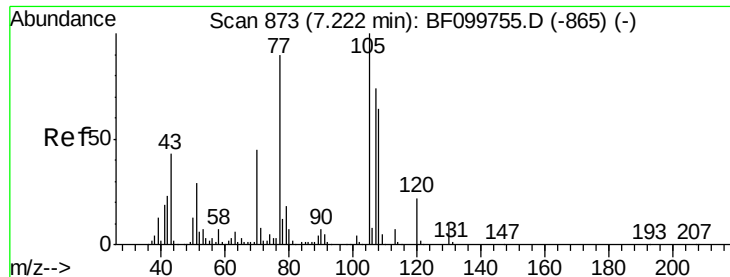
#18
Hexachloroethane
Concen: 28.57 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion:117 Resp: 67646
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 99.9 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

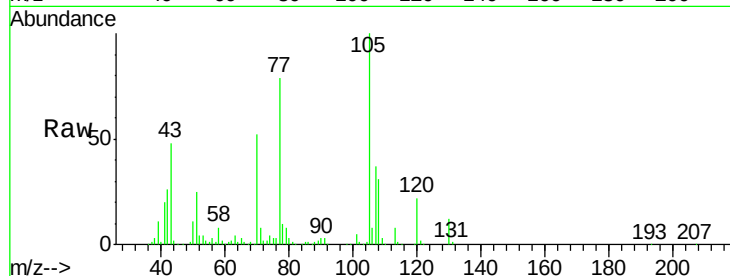




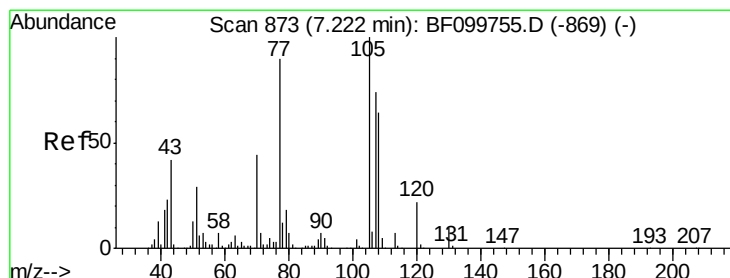
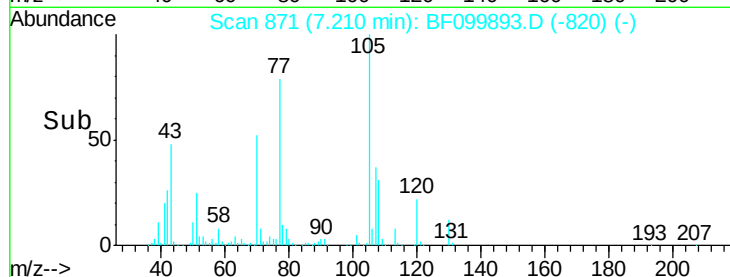
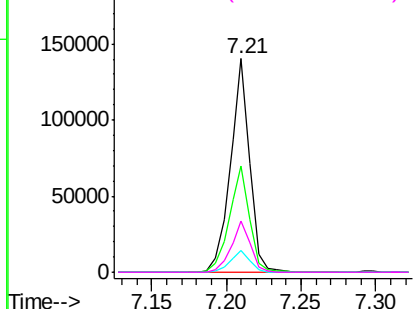
#19
n-Nitroso-di-n-propylamine
Concen: 31.47 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 127808
Ion Ratio Lower Upper
70 100
42 50.0 47.5 71.3
101 10.2 7.4 11.2
130 24.0 16.6 25.0



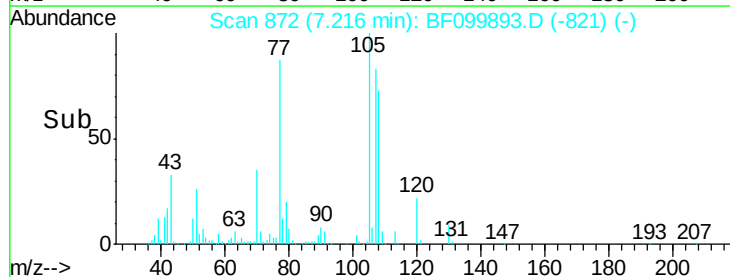
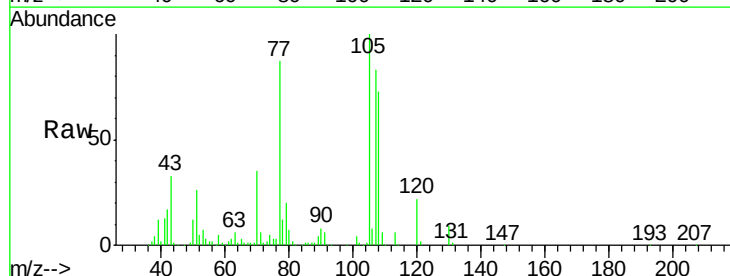
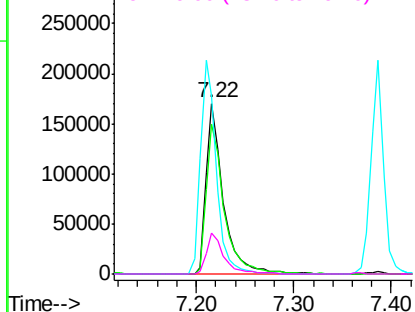
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

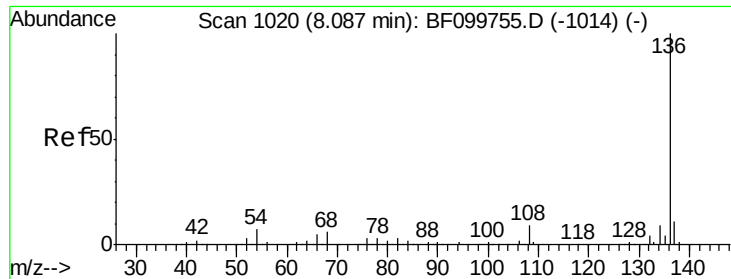


#20
3+4-Methylphenols
Concen: 34.54 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion: 107 Resp: 209523
Ion Ratio Lower Upper
107 100
108 87.3 68.2 108.2
77 104.1 26.7 66.7#
79 23.9 6.3 46.3

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

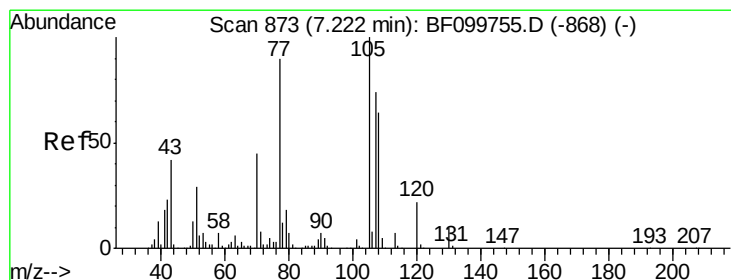
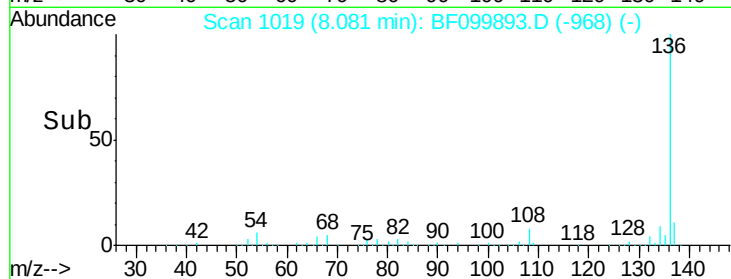
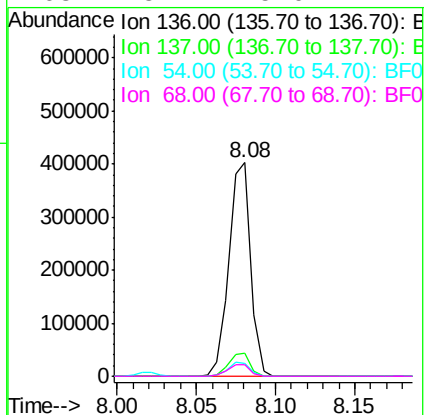
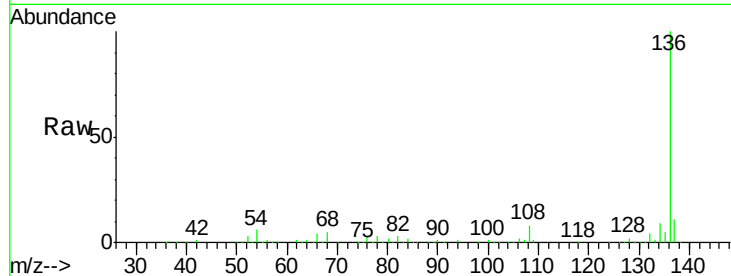




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

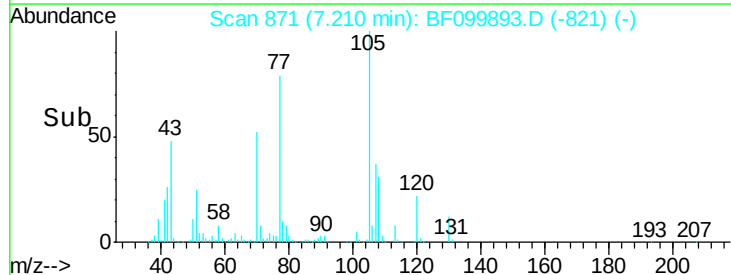
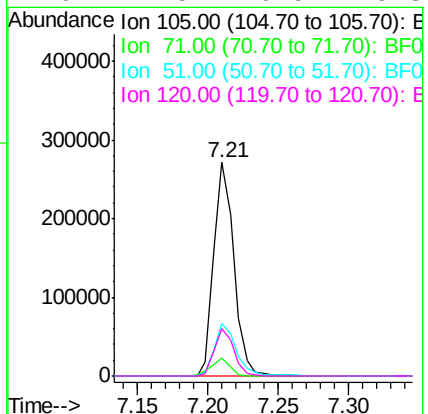
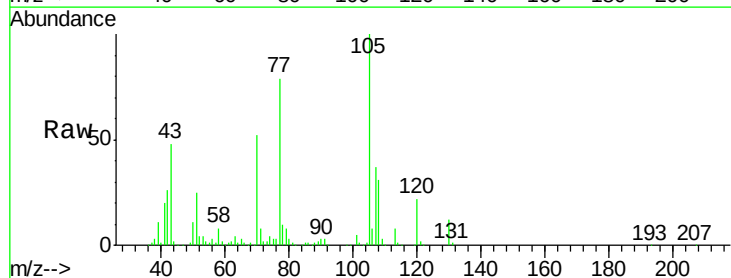
Instrument :
BNA_F
ClientSampleId :

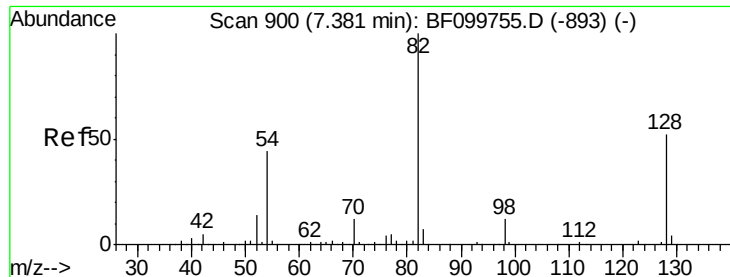
Tot Ion:136	Resp:	382007
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	5.8	6.6 9.8#
68	5.4	5.0 7.4



#22
Acetophenone
Concen: 30.97 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion:105	Resp:	269354
Ion Ratio	Lower	Upper
105	100	
71	8.5	4.4 6.6#
51	24.8	22.3 33.5
120	22.5	16.9 25.3

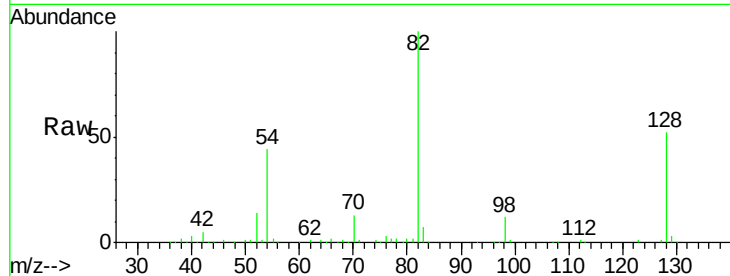




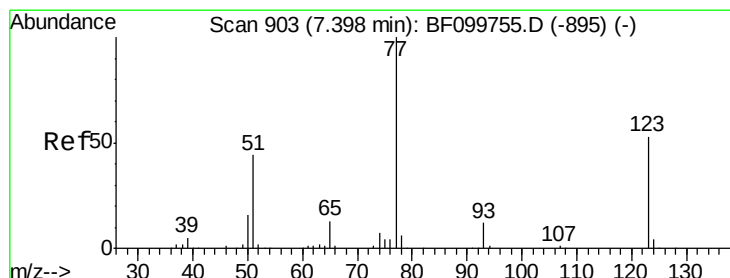
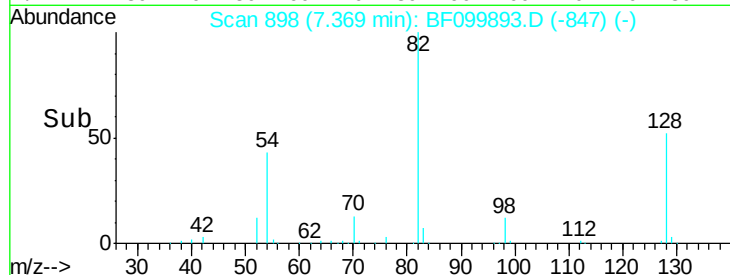
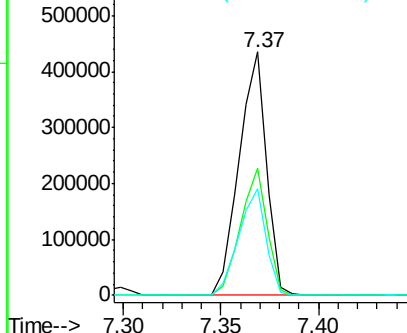
#23
 Nitrobenzene-d5
 Concen: 71.38 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 423539
 Ion Ratio Lower Upper
 82 100
 128 52.1 36.1 54.1
 54 43.6 41.4 62.2

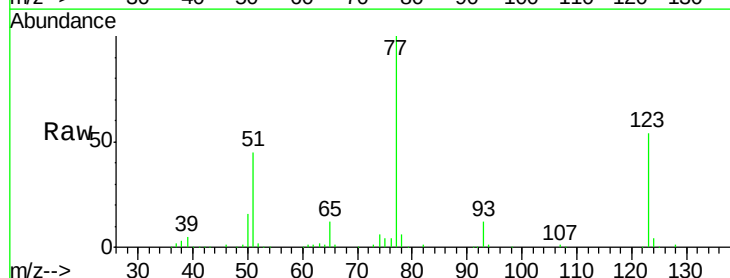


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

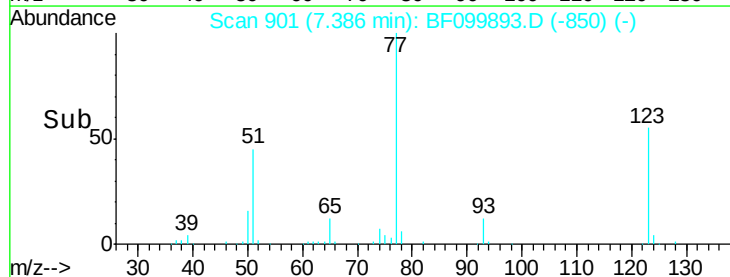
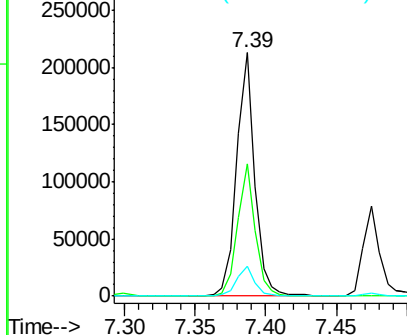


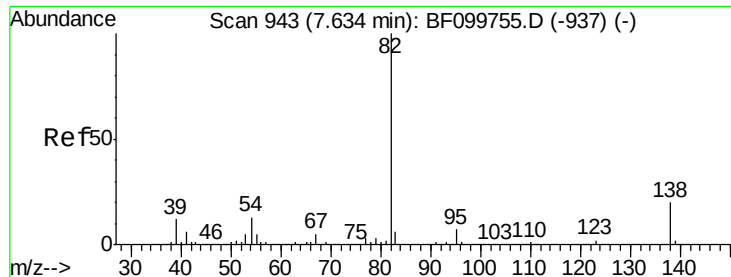
#24
 Nitrobenzene
 Concen: 32.05 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion: 77 Resp: 191589
 Ion Ratio Lower Upper
 77 100
 123 54.4 37.9 56.9
 65 12.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.31 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

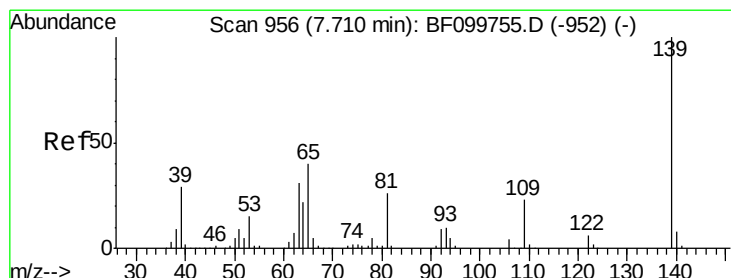
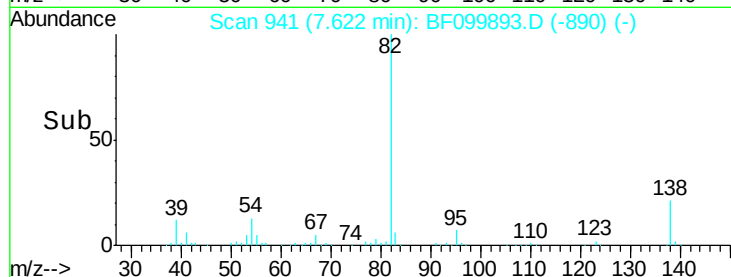
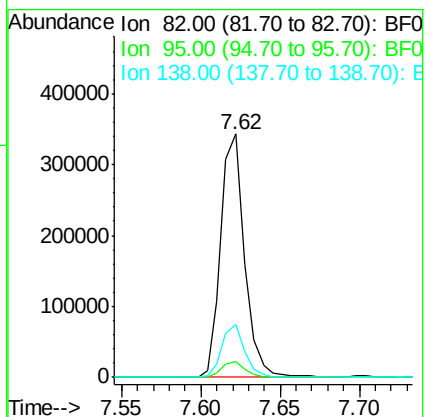
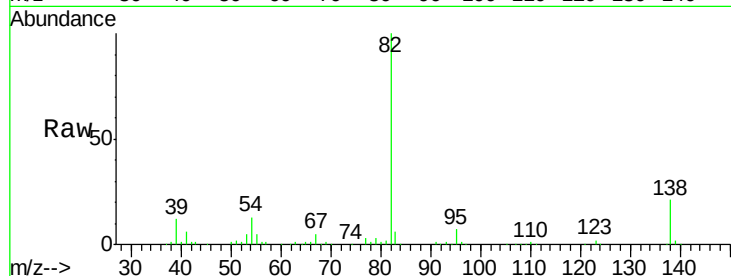
Tot Ion: 82 Resp: 358688

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 21.5 14.9 22.3



#26

2-Nitrophenol

Concen: 33.56 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

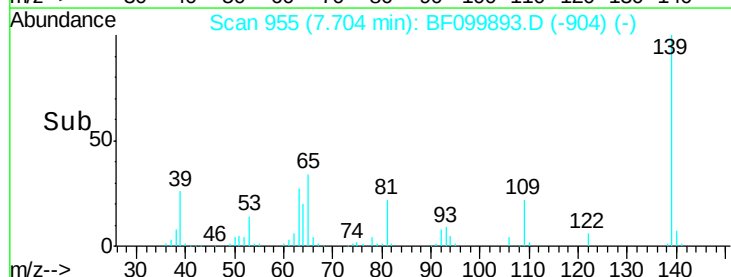
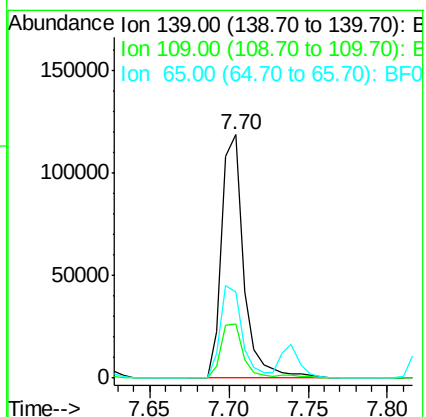
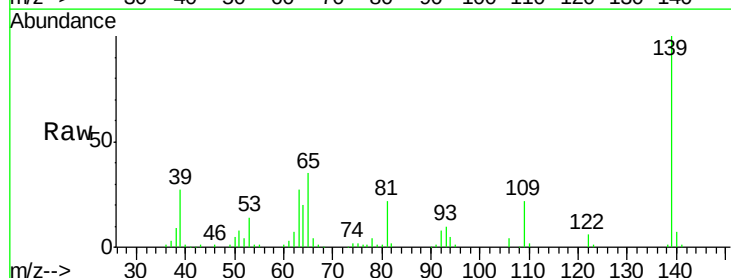
Tgt Ion: 139 Resp: 114905

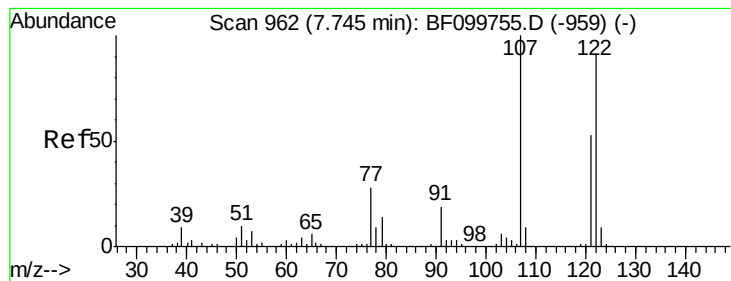
Ion Ratio Lower Upper

139 100

109 22.5 22.7 34.1#

65 35.3 40.5 60.7#

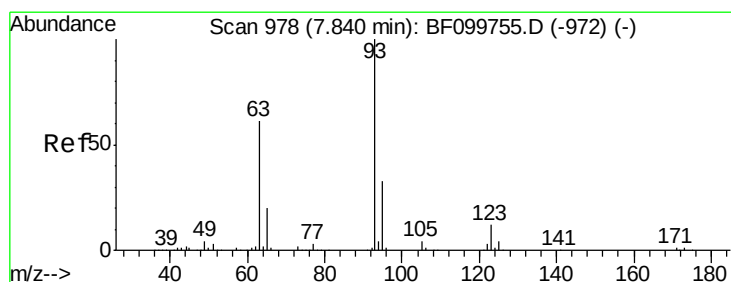
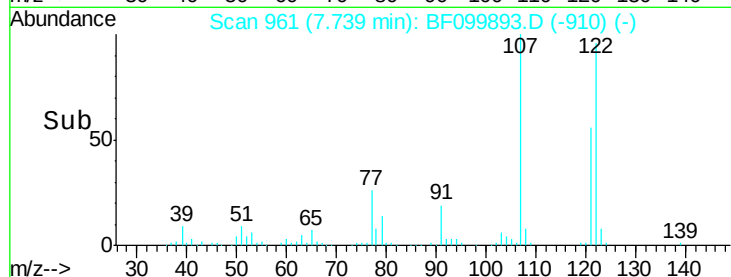
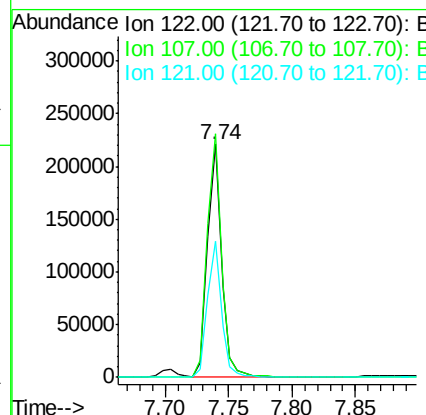
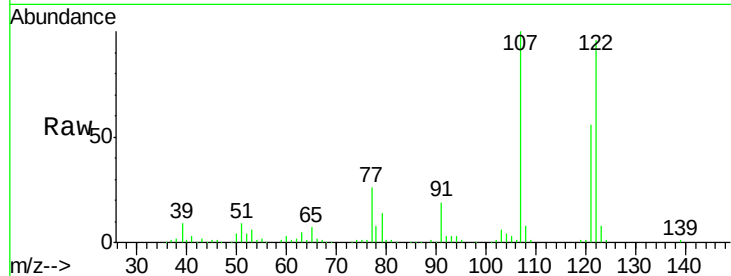




#27
 2,4-Dimethylphenol
 Concen: 34.21 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

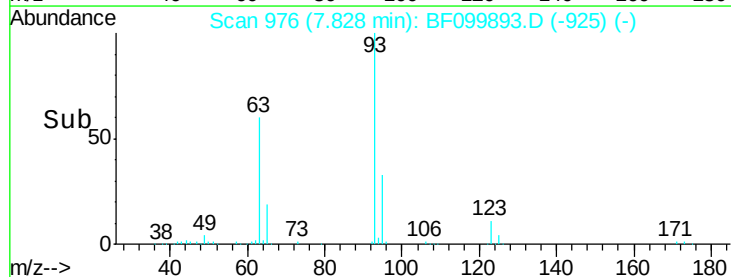
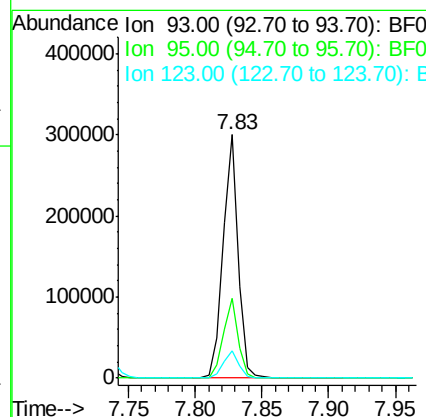
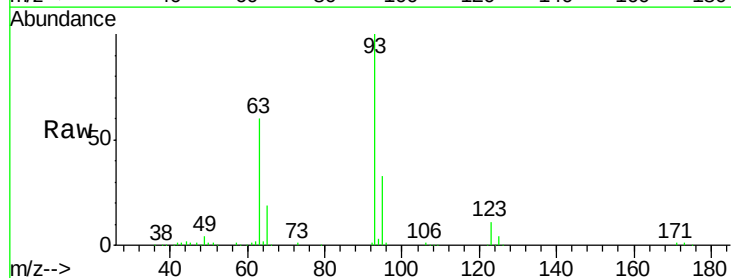
Instrument :
 BNA_F
 ClientSampleId :

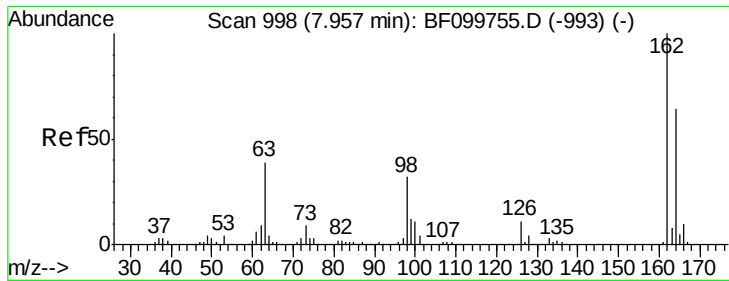
Tot Ion:122 Resp: 172611
 Ion Ratio Lower Upper
 122 100
 107 104.5 91.2 136.8
 121 58.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.94 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion: 93 Resp: 240822
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.2 9.8 14.6

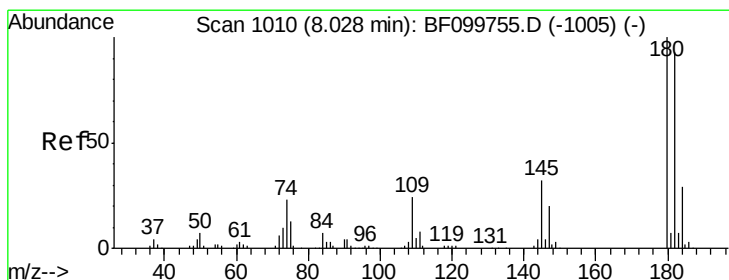
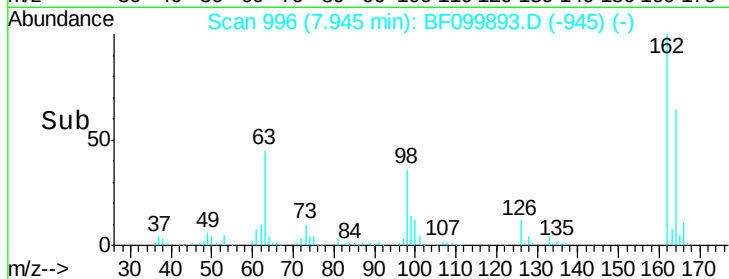
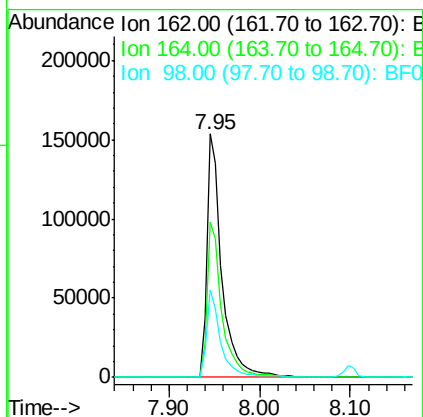
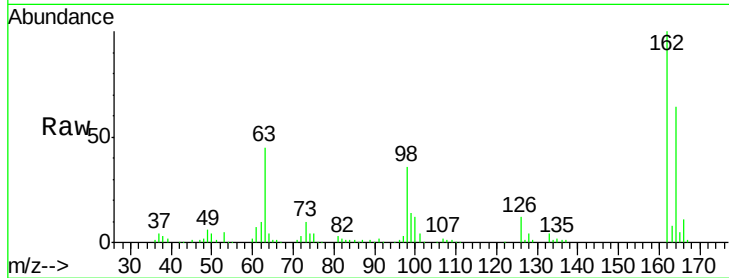




#29
 2,4-Dichlorophenol
 Concen: 34.07 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

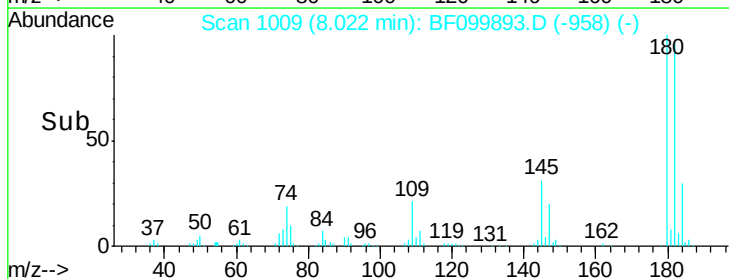
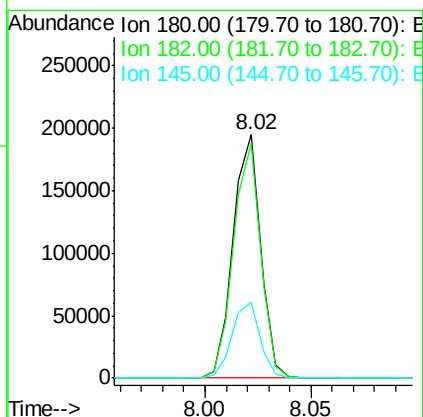
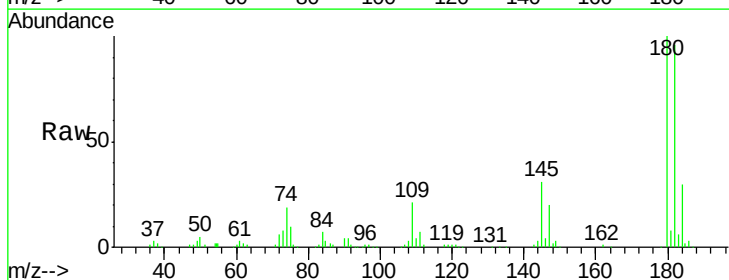
Instrument :
 BNA_F
 ClientSampled :

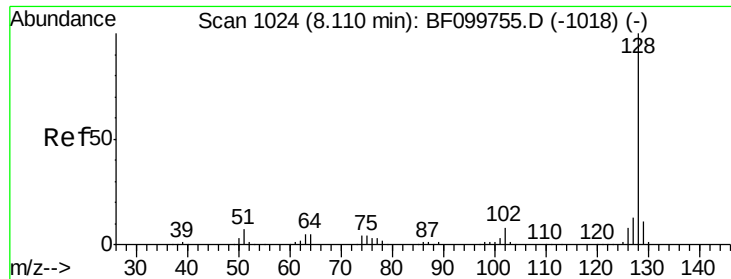
Tot Ion:162 Resp: 178554
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.7 82.7
 98 35.8 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 31.24 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion:180 Resp: 174945
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.8 115.2
 145 31.2 26.5 39.7





#31

Naphthalene

Concen: 31.59 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

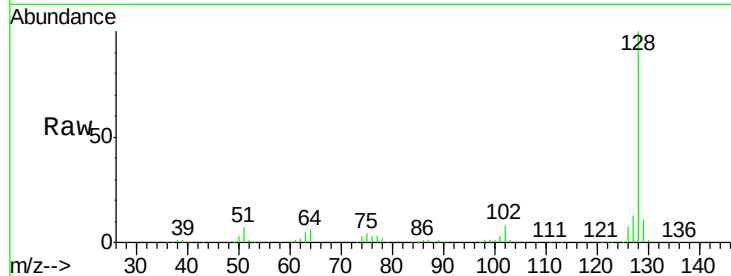
Tot Ion:128 Resp: 582554

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

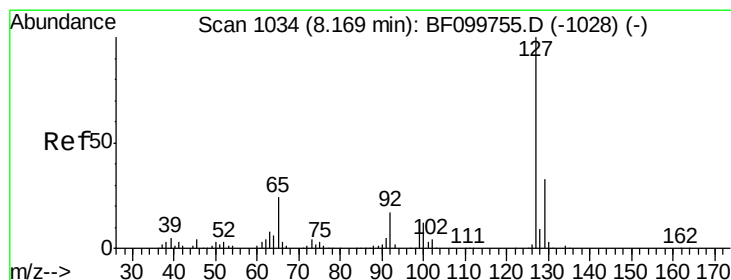
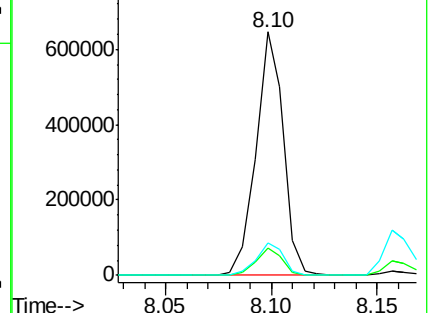
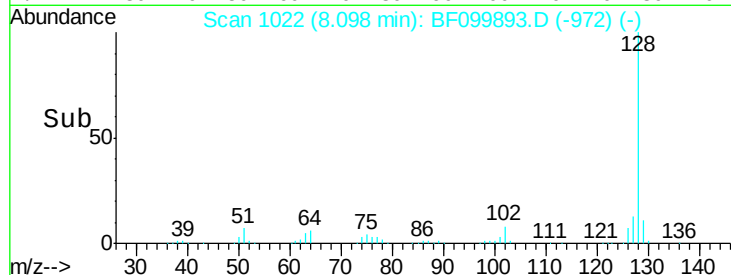
127 13.1 10.9 16.3



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



#33

4-Chloroaniline

Concen: 17.51 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Tgt Ion:127 Resp: 133320

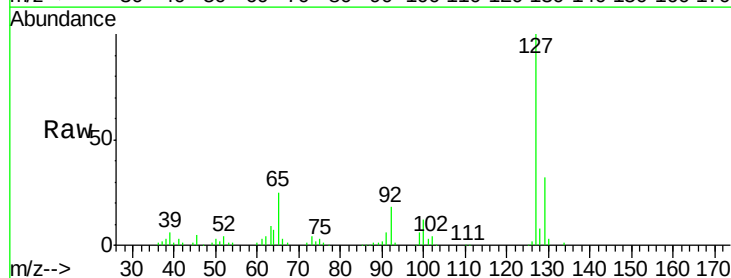
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 25.0 25.0 37.4

92 17.6 15.2 22.8

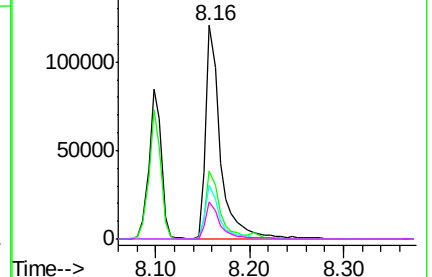
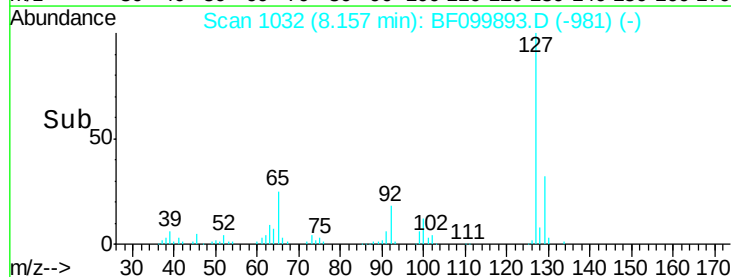


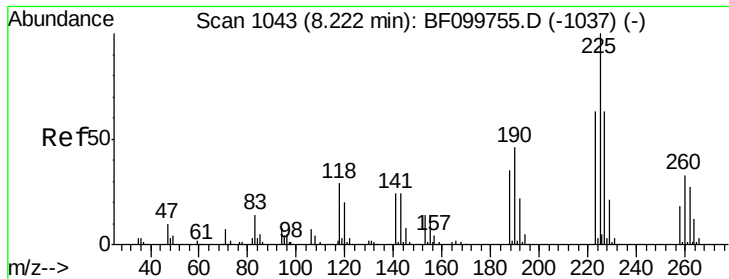
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

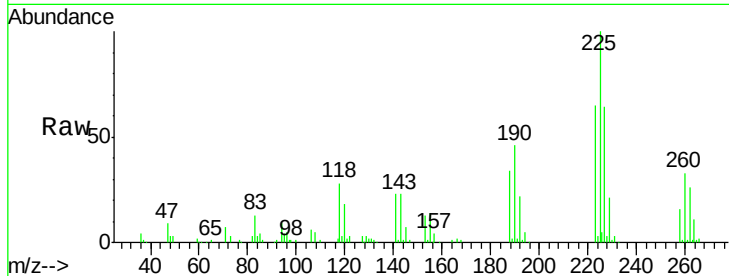




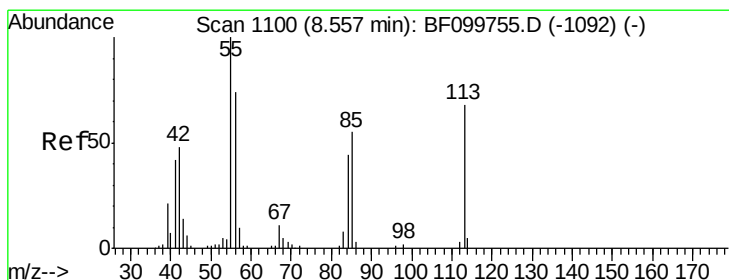
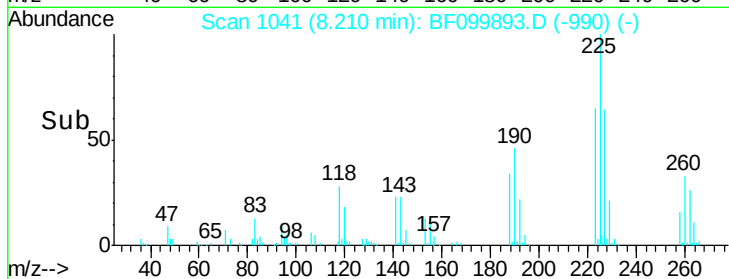
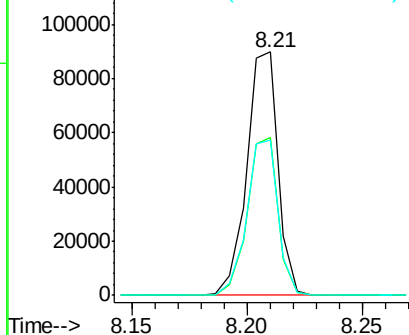
#34
Hexachlorobutadiene
Concen: 29.55 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	63.6	51.9	77.9

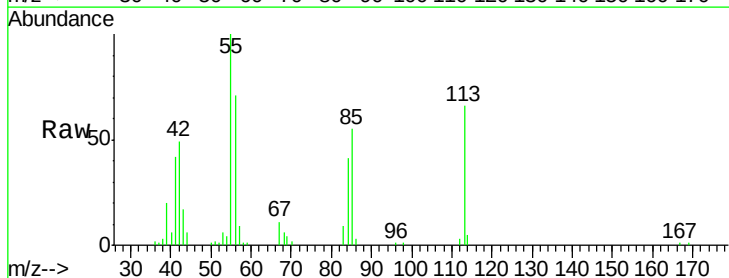


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

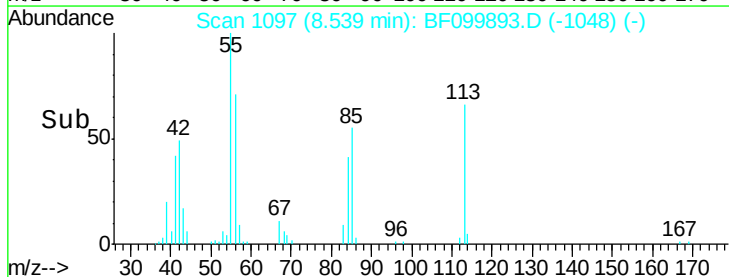
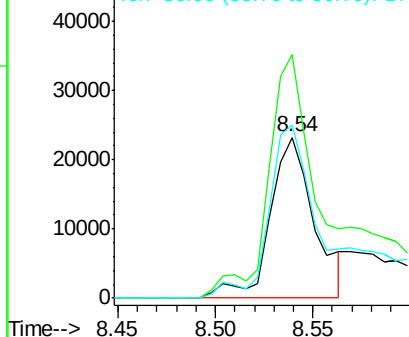


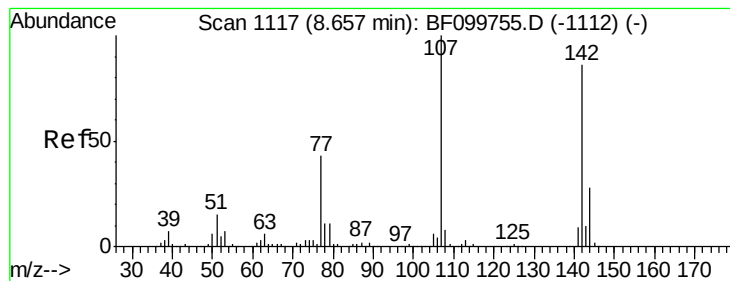
#35
Caprolactam
Concen: 22.03 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
113	100		
55	151.5	163.3	203.3#
56	107.5	115.7	155.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 32.67 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

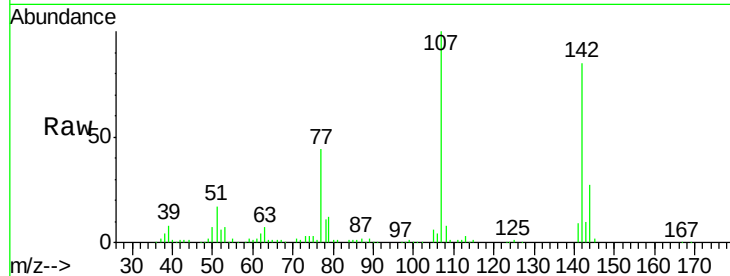
Tot Ion:107 Resp: 174783

Ion Ratio Lower Upper

107 100

144 27.1 20.5 30.7

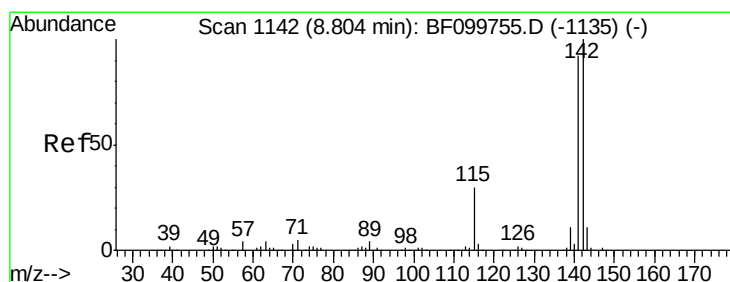
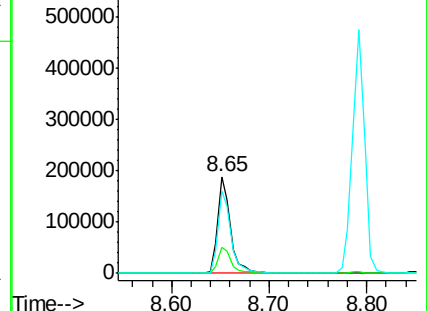
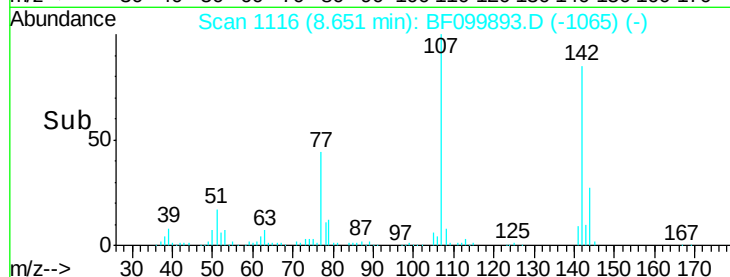
142 84.7 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 33.42 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

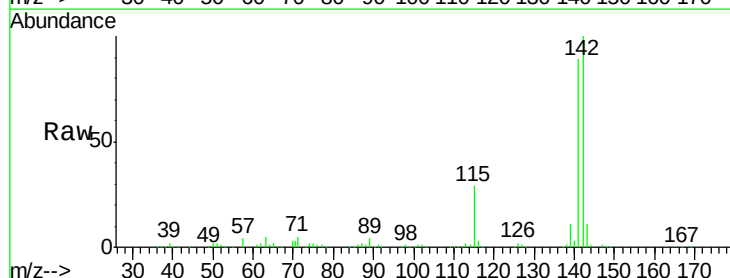
Tgt Ion:142 Resp: 412976

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

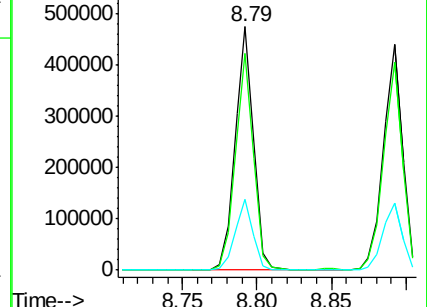
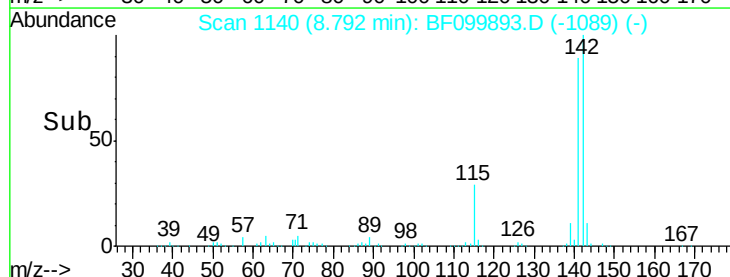
115 29.3 26.1 39.1

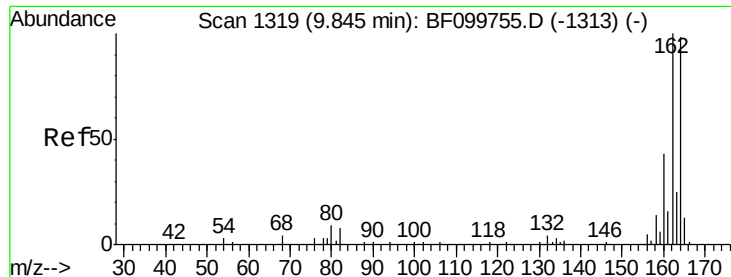


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

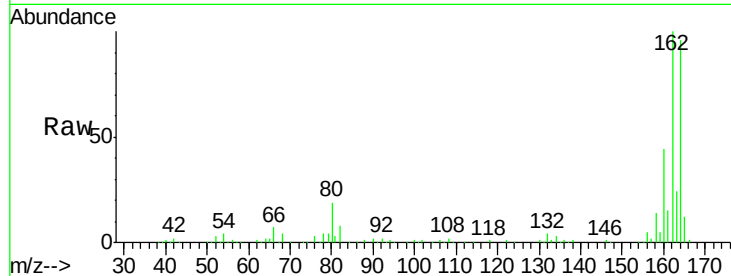




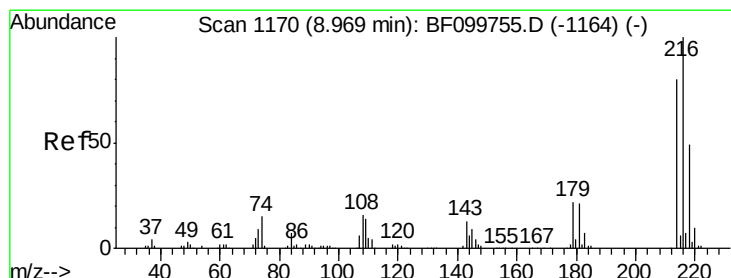
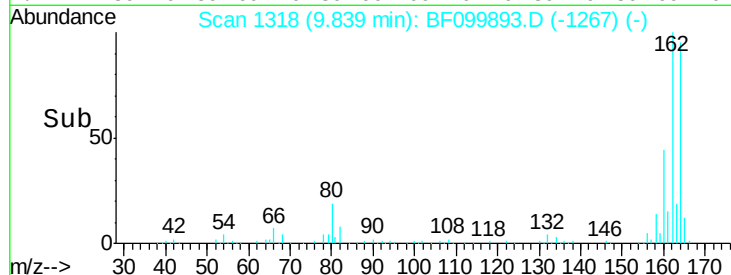
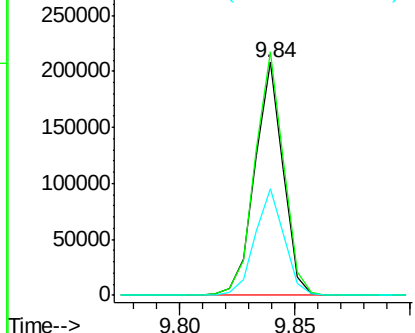
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 176954
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 45.7 38.3 57.5



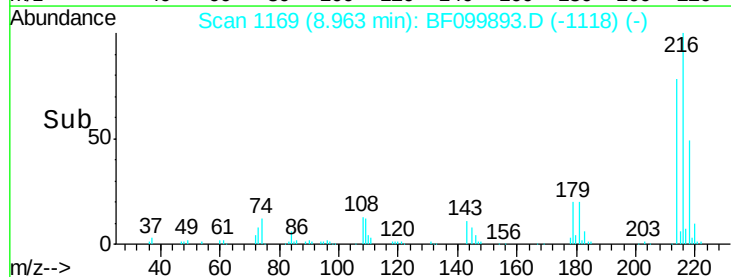
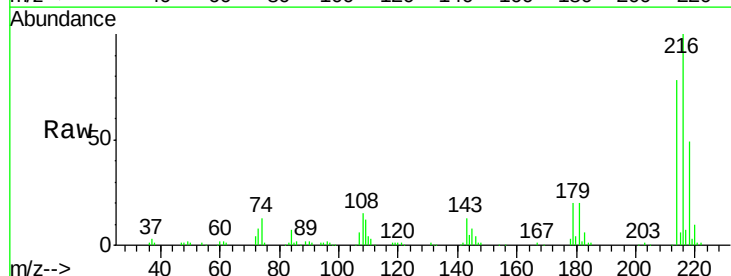
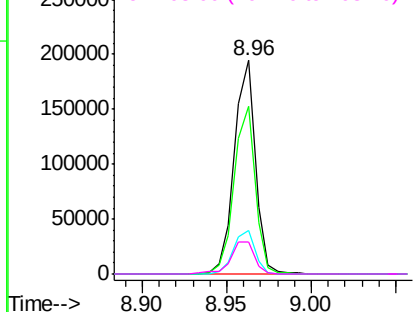
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

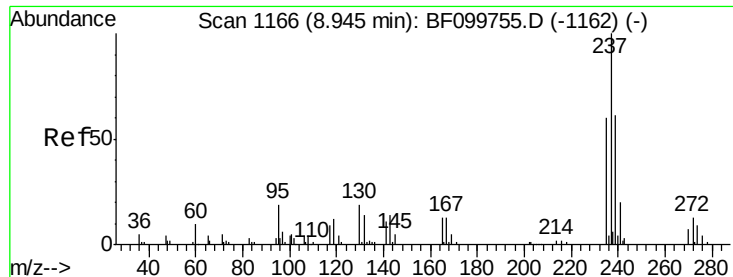


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.52 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion:216 Resp: 168690
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.0 94.4
 179 21.1 18.1 27.1
 108 17.4 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: 41.93 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

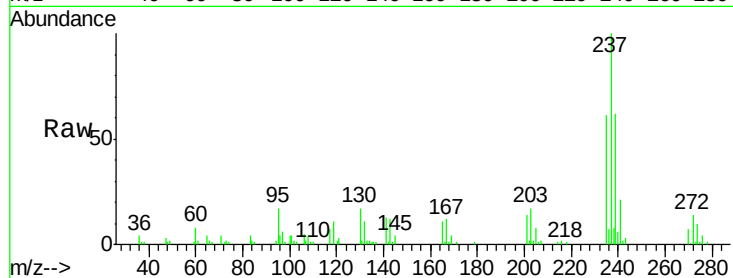
Tot Ion:237 Resp: 37585

Ion Ratio Lower Upper

237 100

235 61.4 44.8 84.8

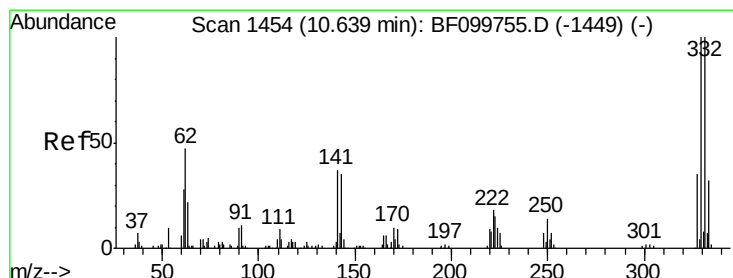
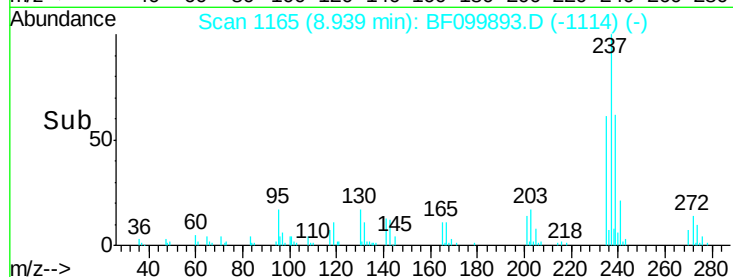
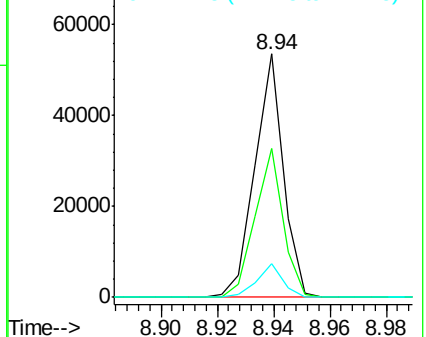
272 14.1 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 102.83 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

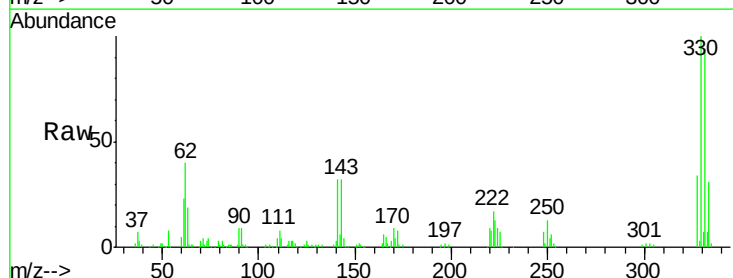
Tgt Ion:330 Resp: 165818

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

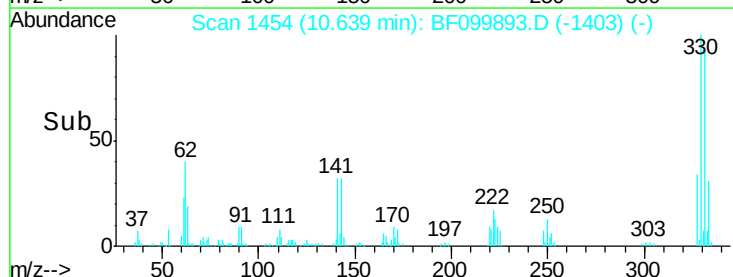
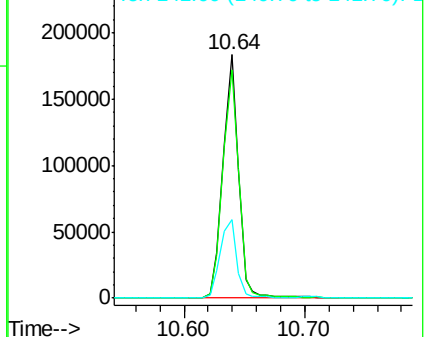
141 34.0 29.9 44.9

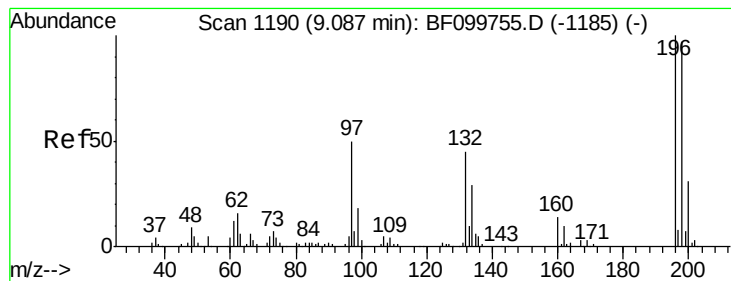


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

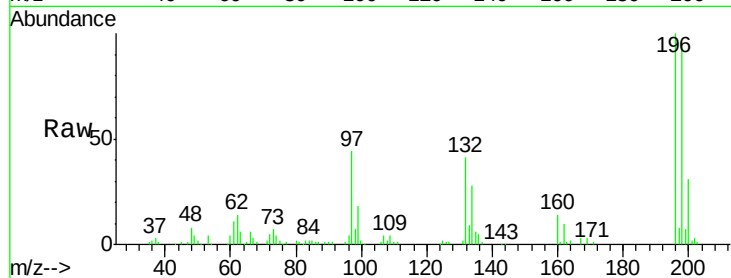




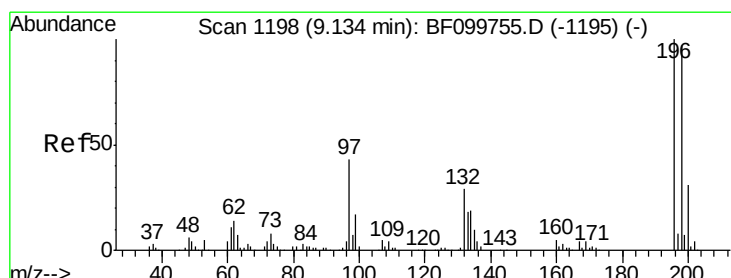
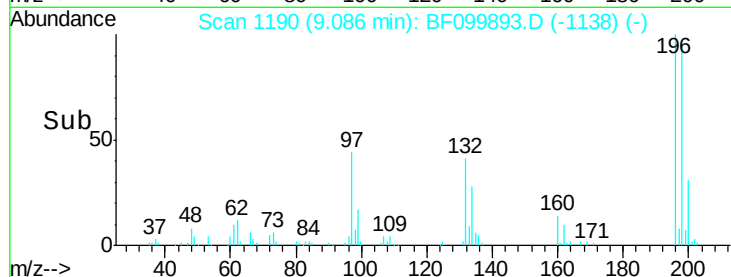
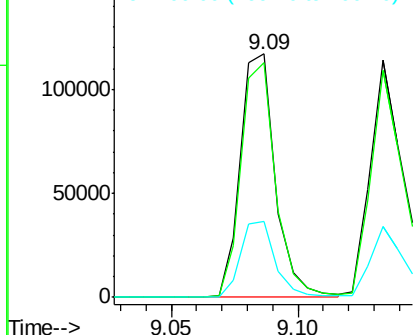
#42
 2,4,6-Trichlorophenol
 Concen: 32.63 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	112790
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.7	113.5
200	31.1	24.5	36.7



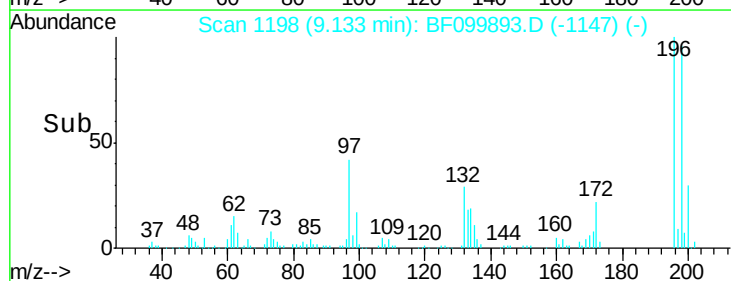
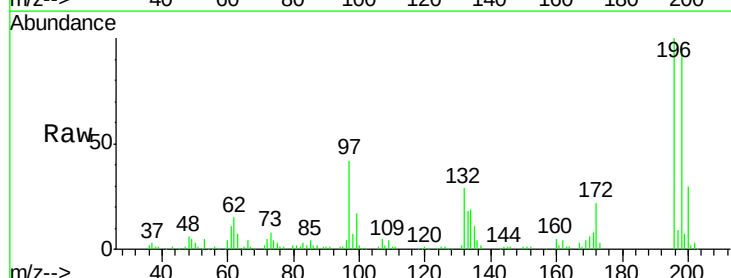
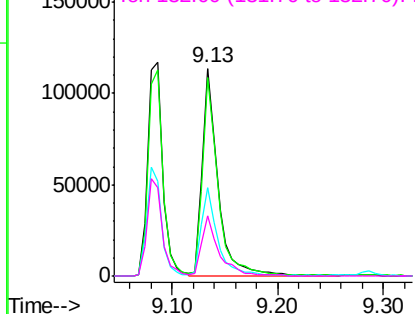
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

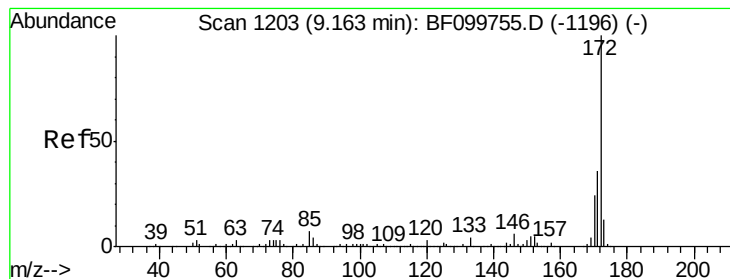


#43
 2,4,5-Trichlorophenol
 Concen: 31.74 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion	196	Resp	116437
Ion Ratio	Lower	Upper	
196	100		
198	95.7	74.6	112.0
97	42.3	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): BF0
 Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 74.81 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

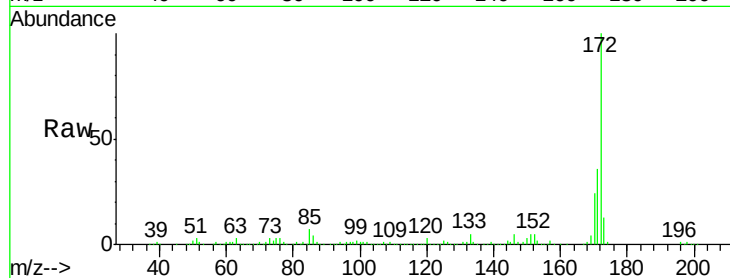
Tot Ion:172 Resp: 858066

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

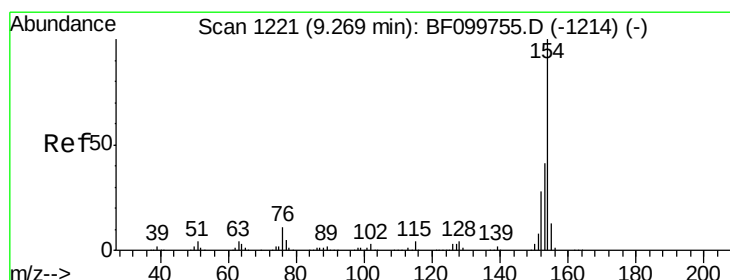
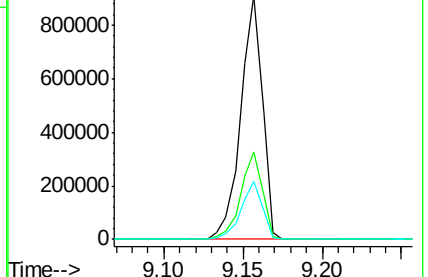
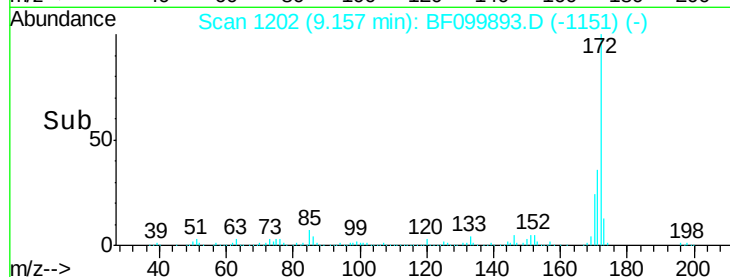
170 24.0 19.6 29.4



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: 29.74 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

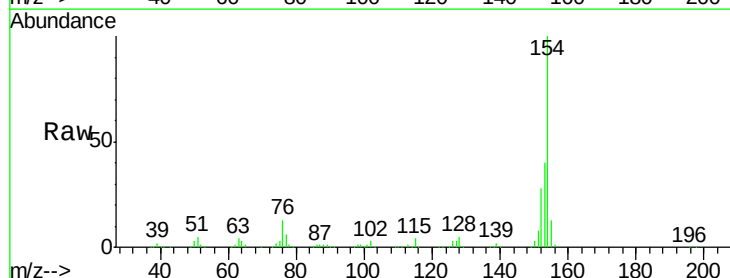
Tgt Ion:154 Resp: 476048

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

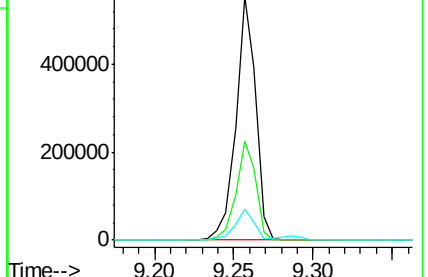
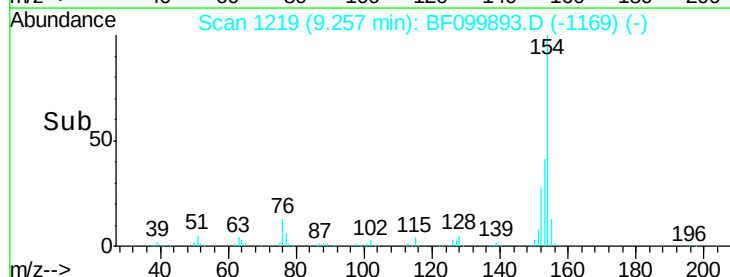
76 12.9 0.0 34.0

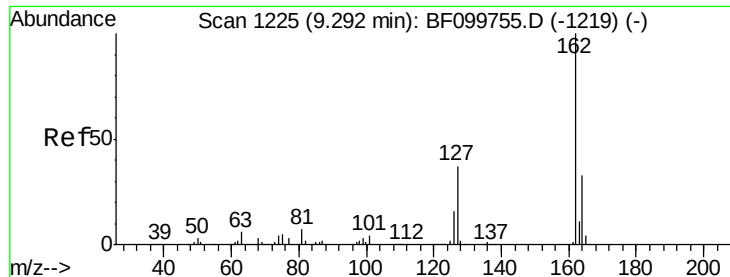


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

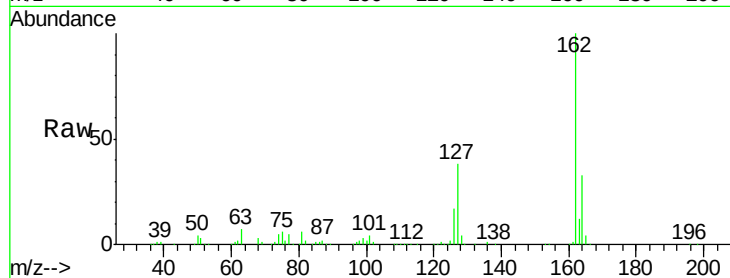




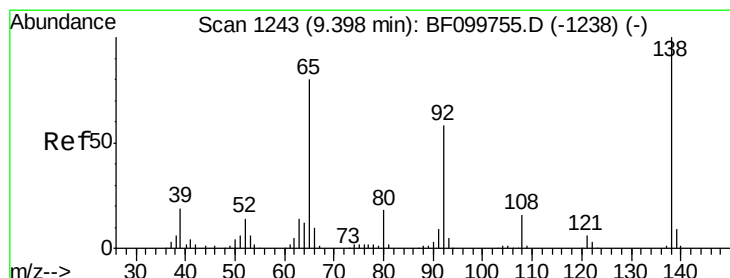
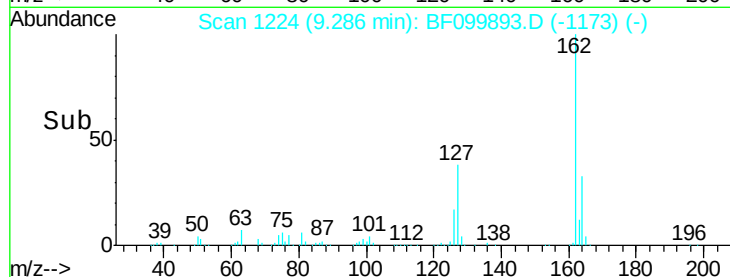
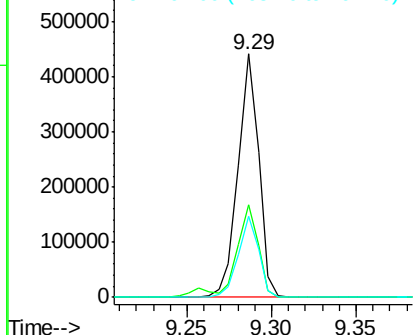
#46
 2-Chloronaphthalene
 Concen: 32.43 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	33.9	50.9
164	33.1	26.5	39.7

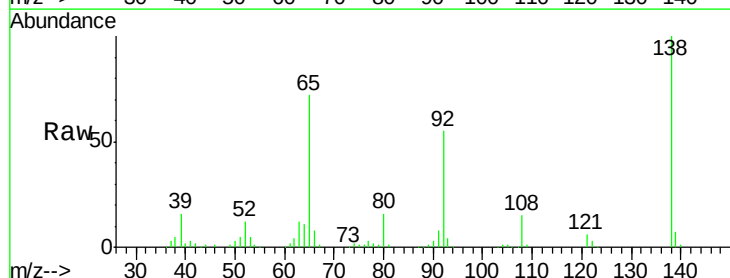


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

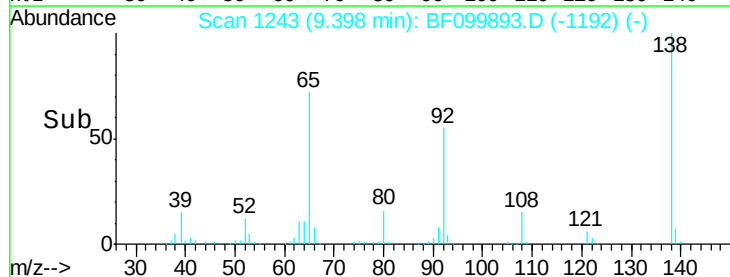
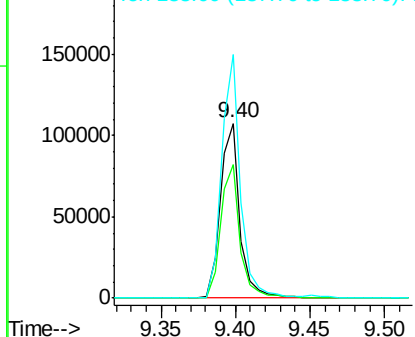


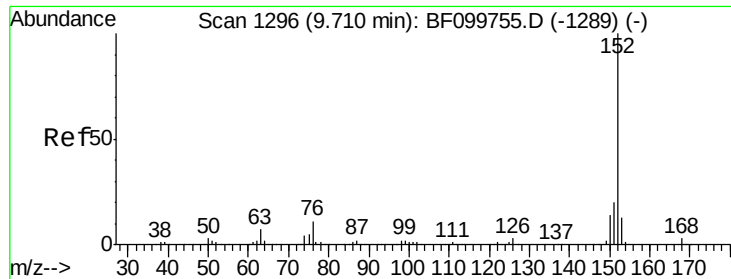
#47
 2-Nitroaniline
 Concen: 32.47 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	55.8	83.6
138	139.2	91.2	136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 31.18 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

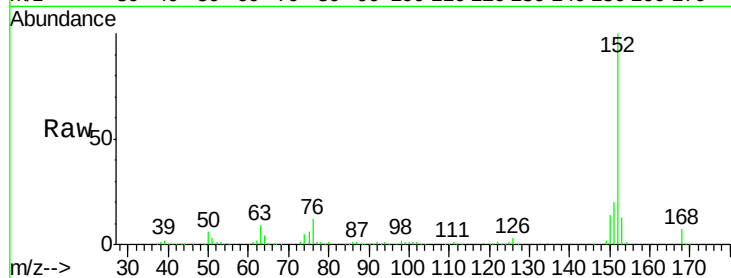
Tot Ion:152 Resp: 558337

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

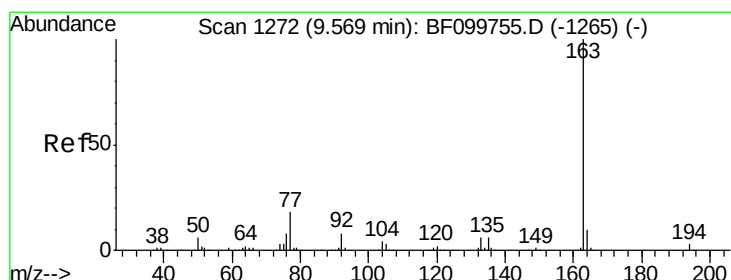
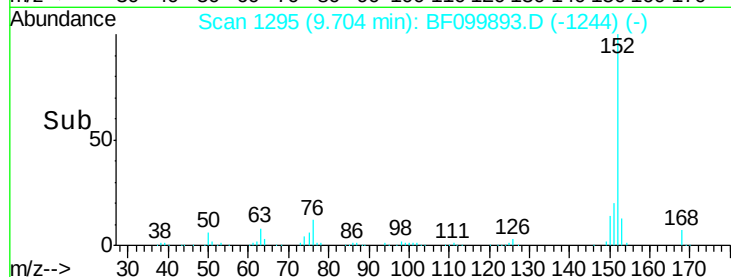
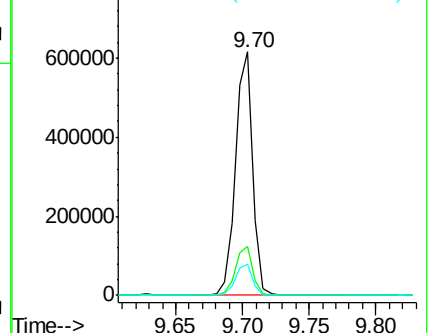
153 12.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.74 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

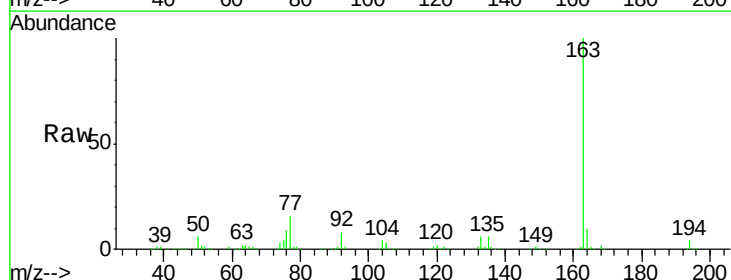
Tgt Ion:163 Resp: 584863

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

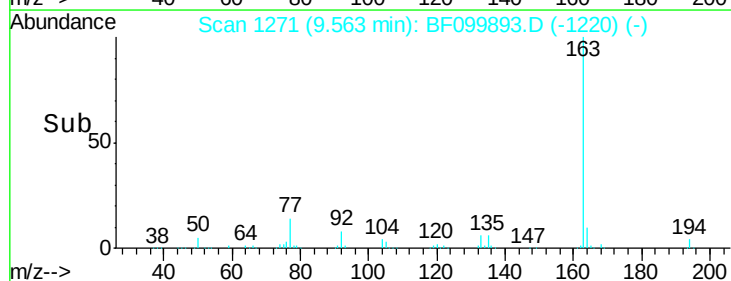
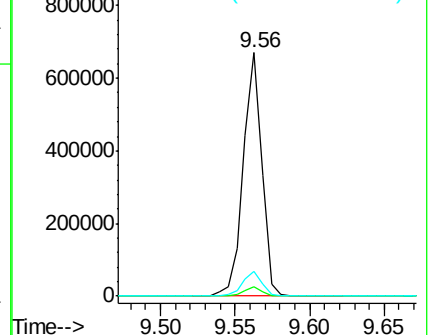
164 10.0 8.2 12.2

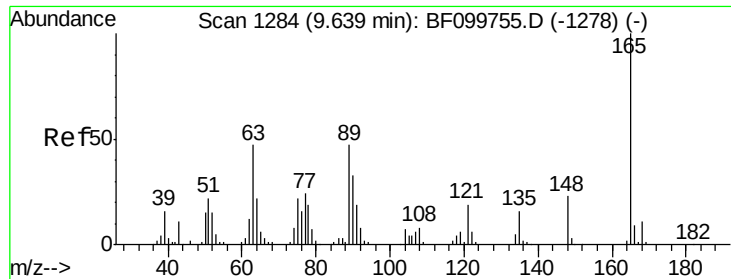


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

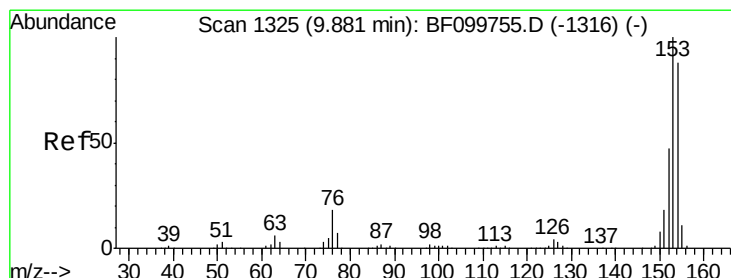
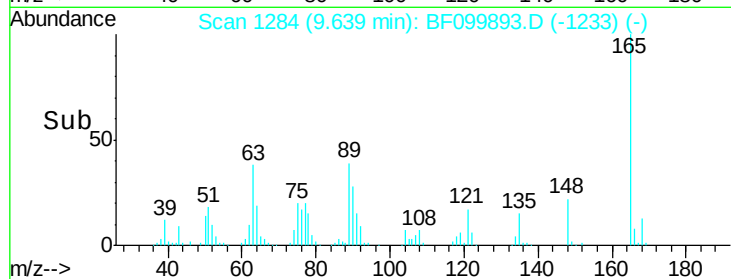
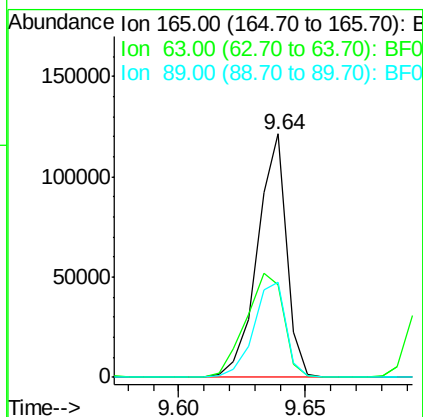
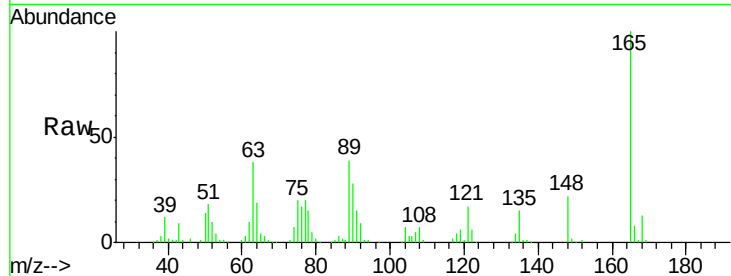




#50
2,6-Dinitrotoluene
Concen: 33.10 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

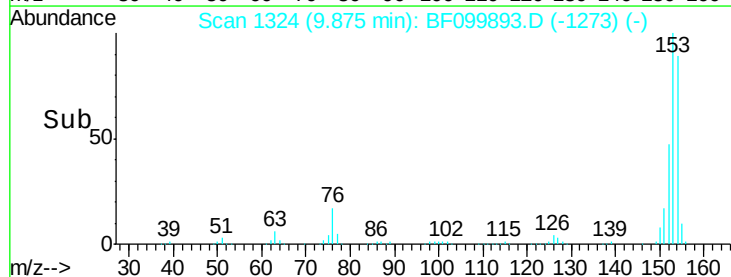
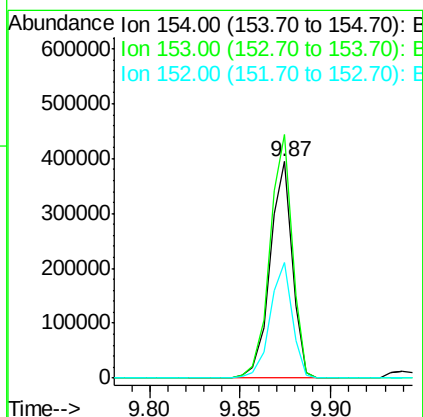
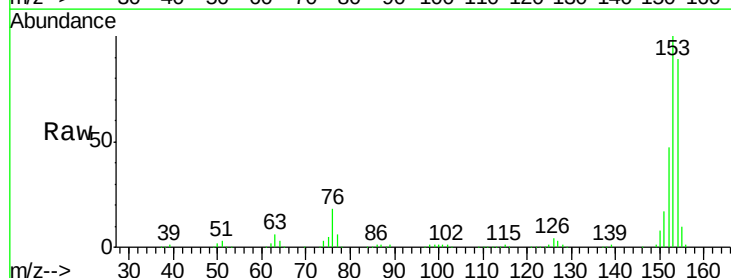
Instrument :
BNA_F
ClientSampleId :

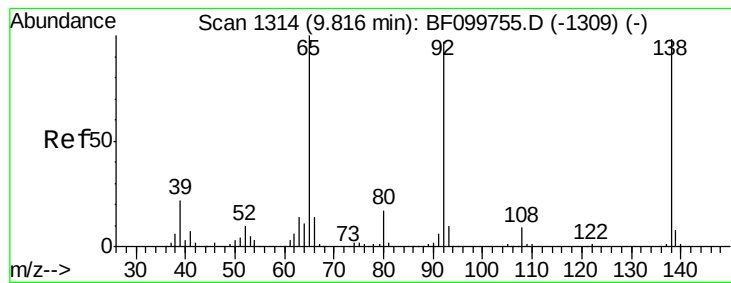
Tot Ion:165 Resp: 97496
Ion Ratio Lower Upper
165 100
63 38.2 44.7 67.1#
89 39.0 44.0 66.0#



#51
Acenaphthene
Concen: 30.76 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion:154 Resp: 336569
Ion Ratio Lower Upper
154 100
153 112.6 91.2 136.8
152 53.4 43.8 65.8





#52

3-Nitroaniline

Concen: 24.91 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

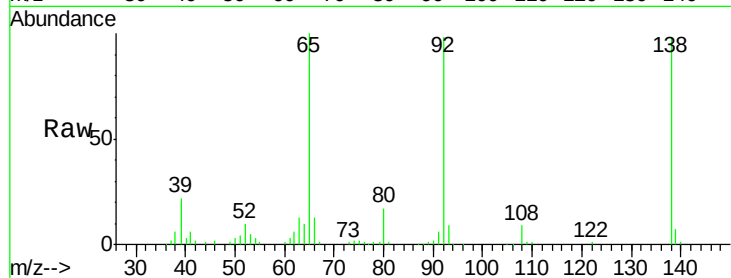
Tot Ion:138 Resp: 86455

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

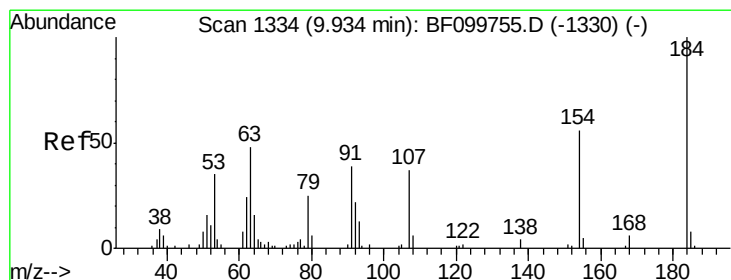
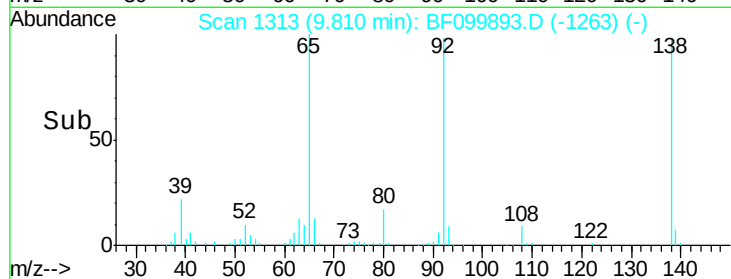
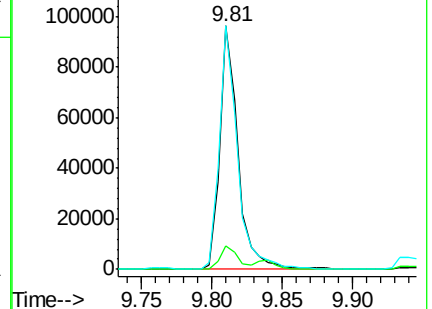
92 100.1 89.4 134.2



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): E



#53

2,4-Dinitrophenol

Concen: 33.22 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

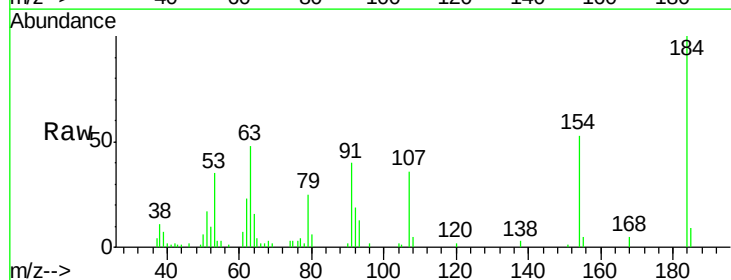
Tgt Ion:184 Resp: 34412

Ion Ratio Lower Upper

184 100

63 47.9 54.2 81.2#

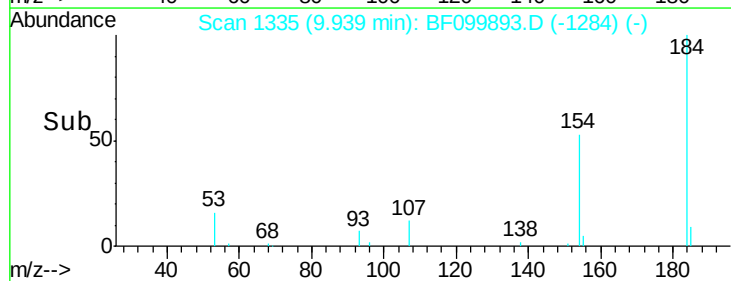
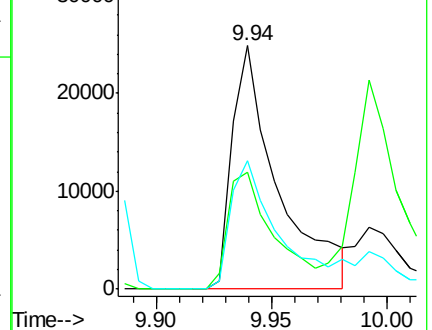
154 52.8 53.5 80.3#

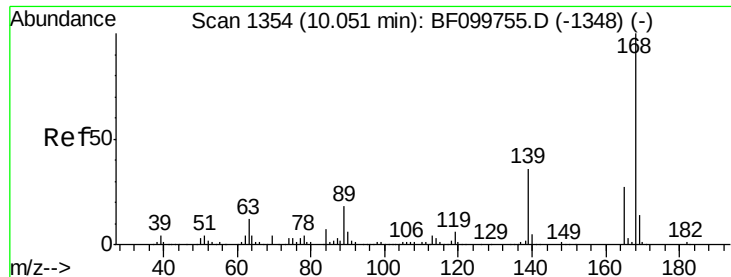


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 32.35 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

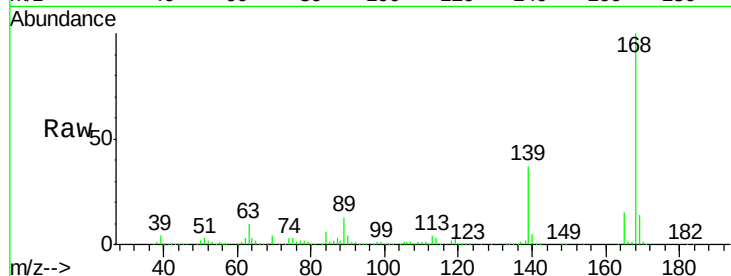
Tot Ion:168 Resp: 499616

Ion Ratio Lower Upper

168 100

139 36.9 30.1 45.1

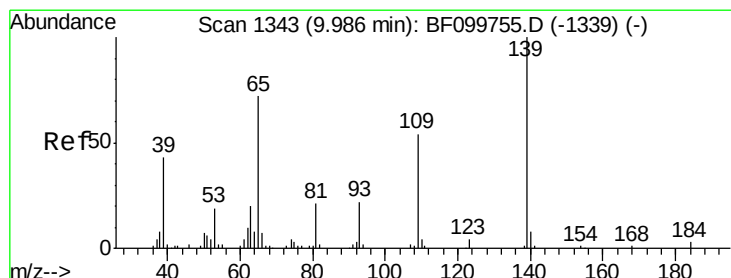
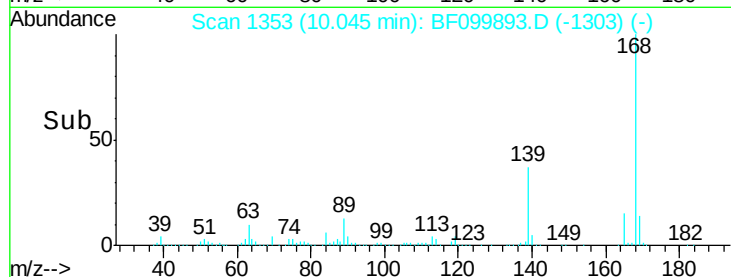
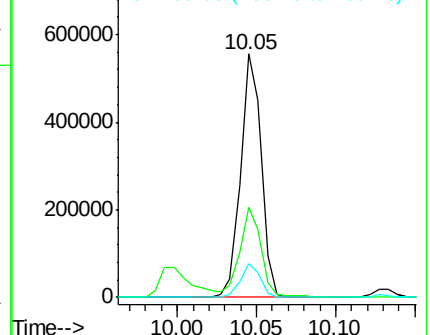
169 13.7 10.9 16.3



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: 54.11 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

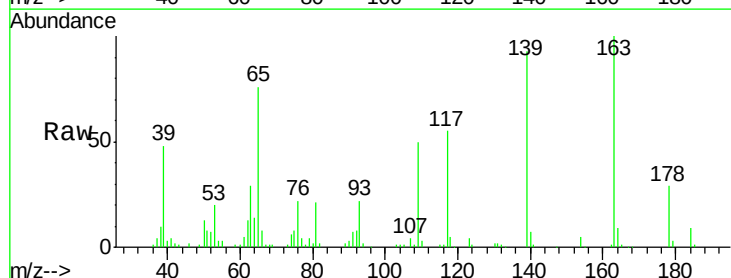
Tgt Ion:139 Resp: 98137

Ion Ratio Lower Upper

139 100

109 53.7 48.4 88.4

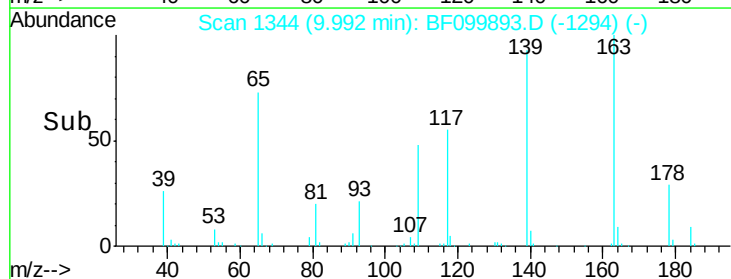
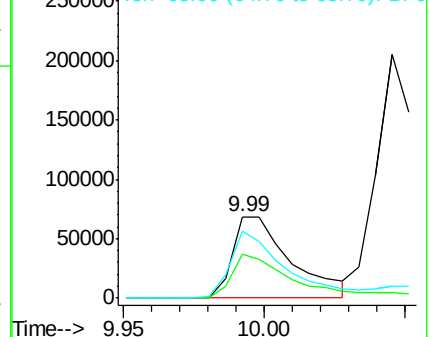
65 82.2 72.6 112.6

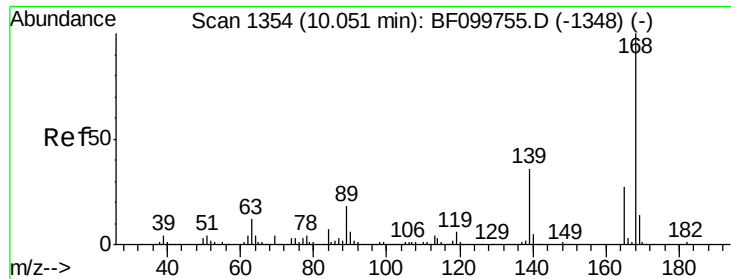


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

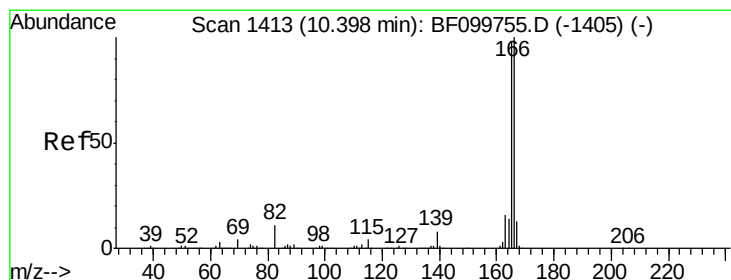
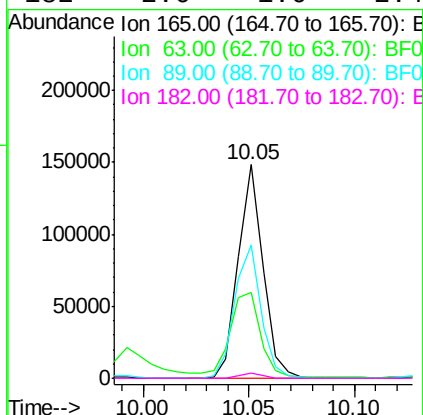
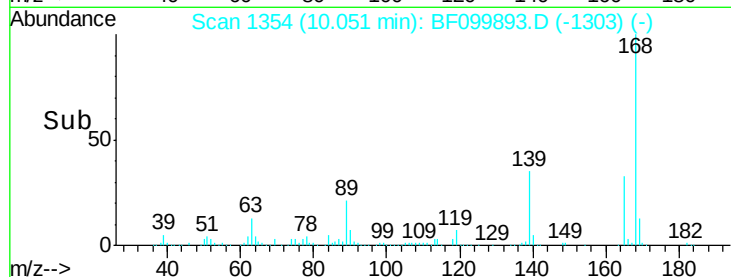
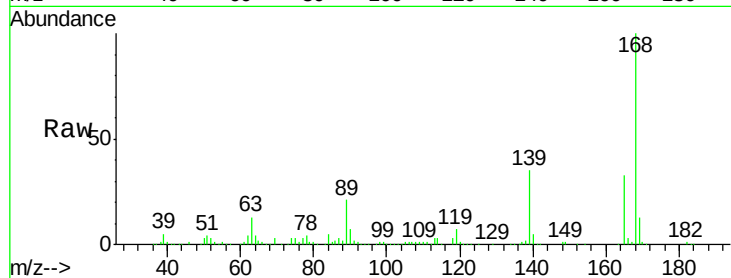




#56
2,4-Dinitrotoluene
Concen: 34.00 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

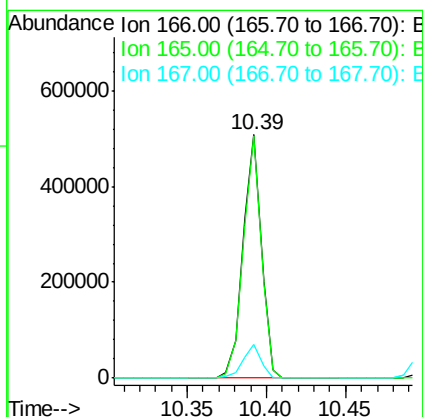
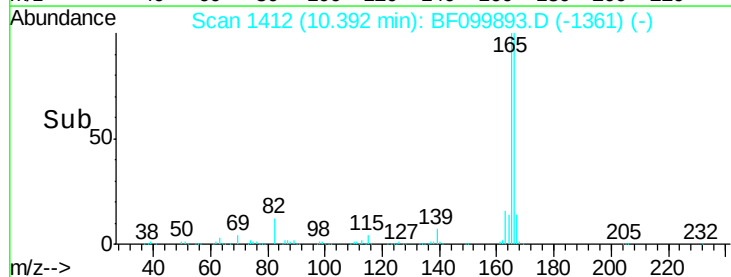
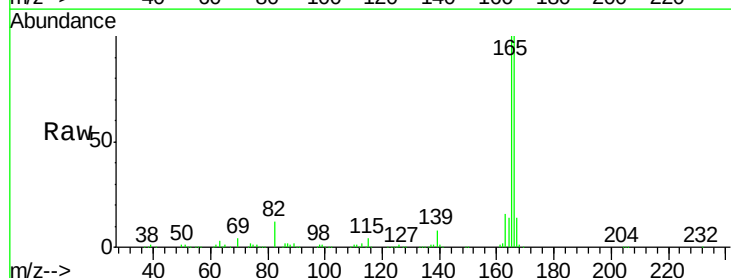
Instrument :
BNA_F
ClientSampleId :

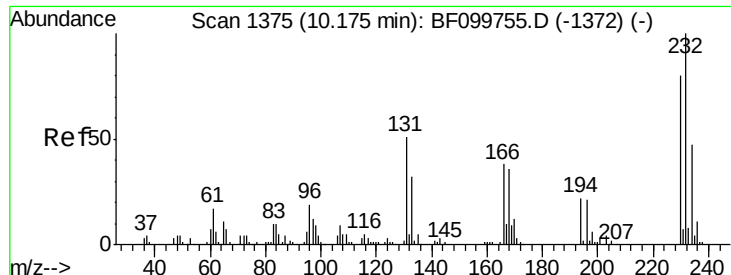
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	36.4	54.6
89	62.6	57.8	86.6
182	2.6	1.6	2.4



#57
Fluorene
Concen: 31.82 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.6	10.6	16.0

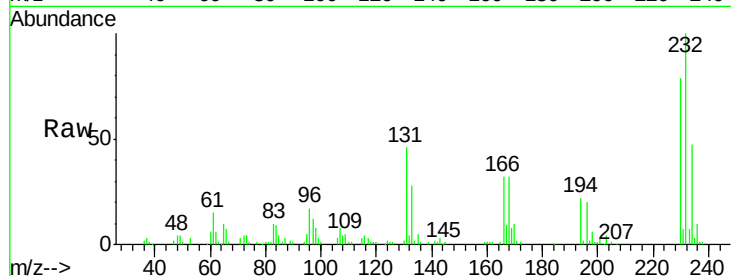




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.75 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	43.8	65.8
130	2.0	2.1	3.1
166	31.3	27.8	41.6



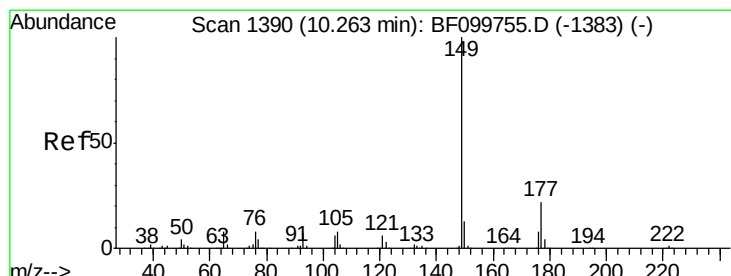
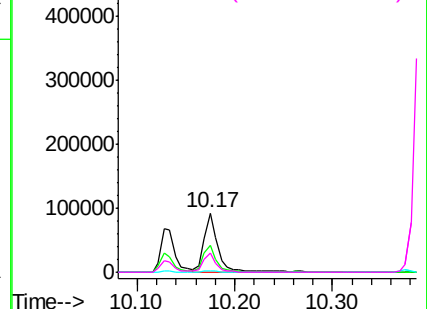
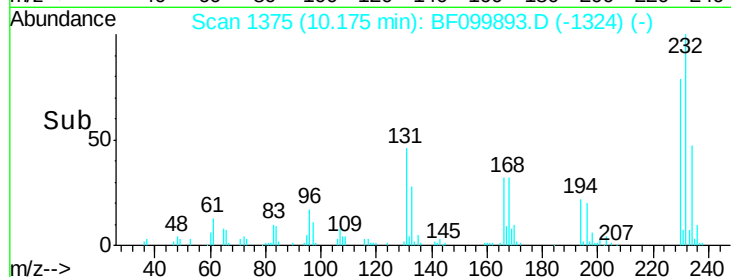
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

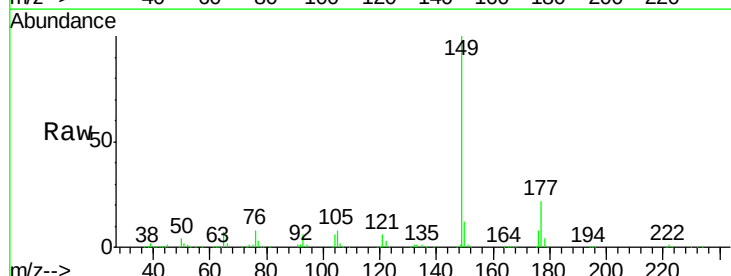
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 31.30 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.5	10.1	15.1

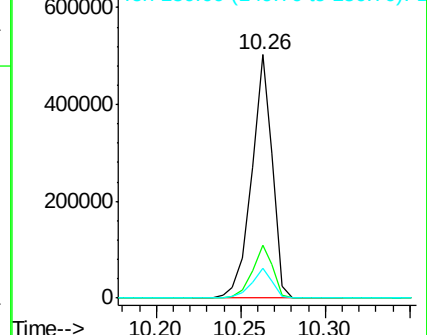
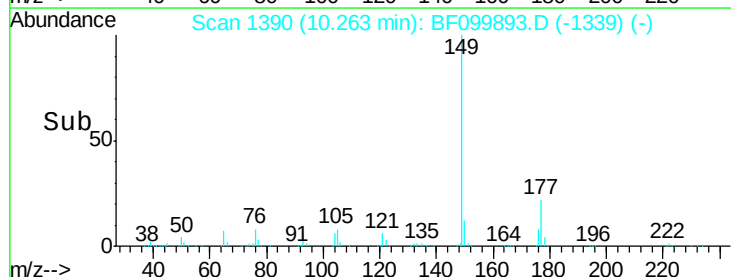


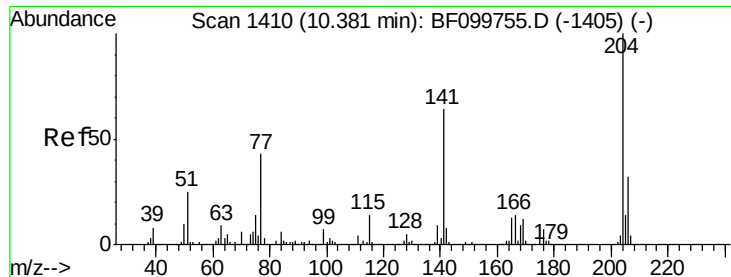
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

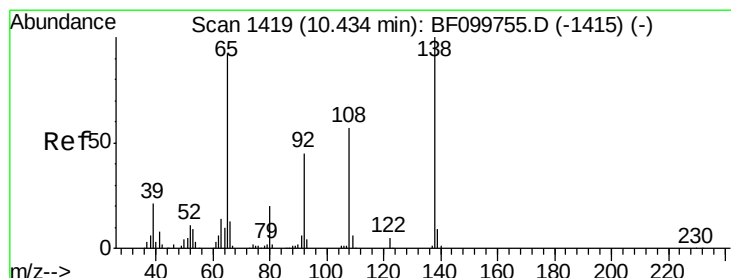
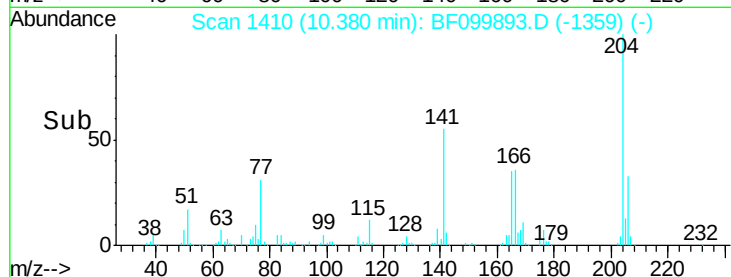
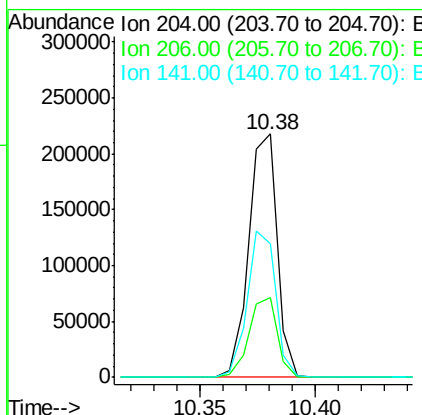
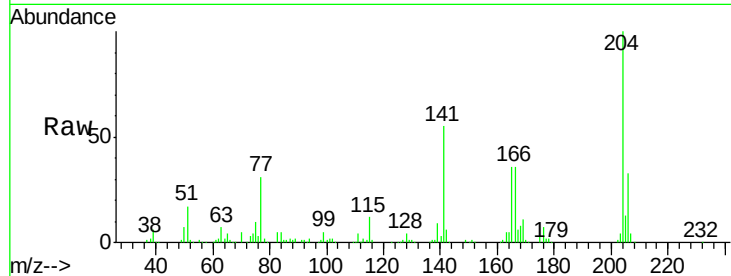




#60
 4-Chlorophenyl-phenylether
 Concen: 31.38 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

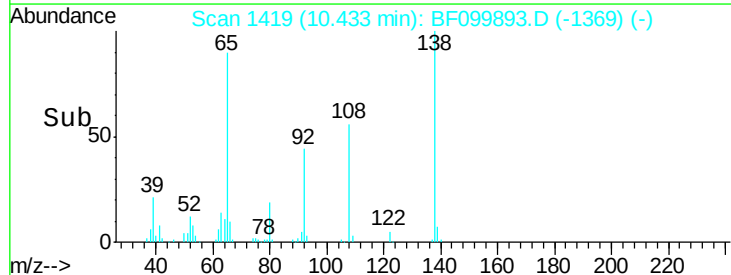
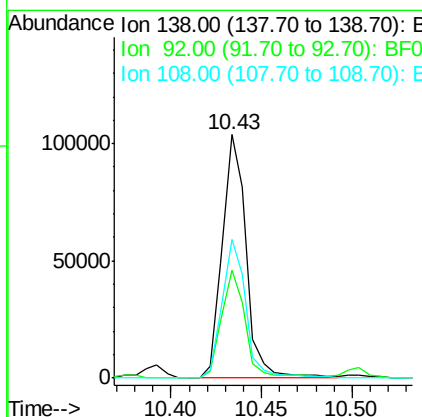
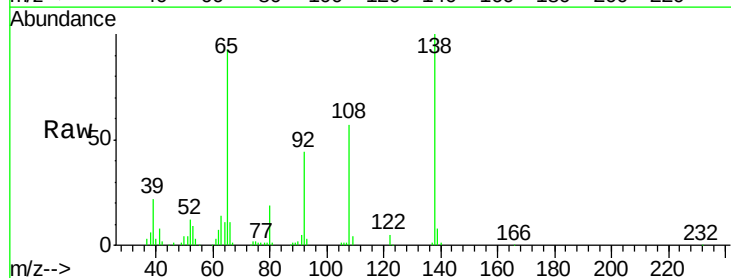
Instrument :
 BNA_F
 ClientSampleId :

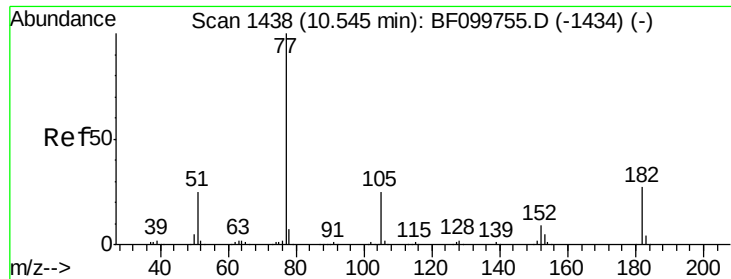
Tot Ion:	204	Resp:	188841
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	54.7	54.6	81.8



#61
 4-Nitroaniline
 Concen: 28.95 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion:	138	Resp:	95879
Ion	Ratio	Lower	Upper
138	100		
92	44.3	30.2	70.2
108	56.9	52.5	92.5





#62

Azobenzene

Concen: 35.79 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 410586

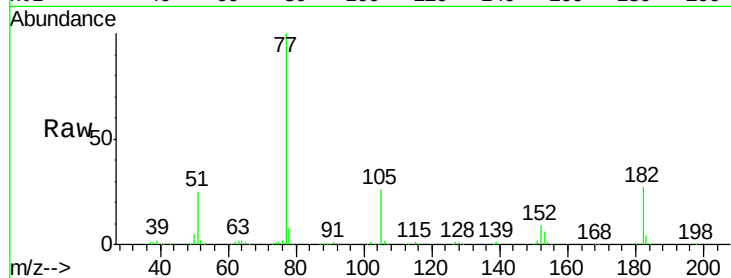
Ion Ratio Lower Upper

77 100

182 26.6 1.7 41.7

105 25.8 3.0 43.0

51 24.8 9.9 49.9

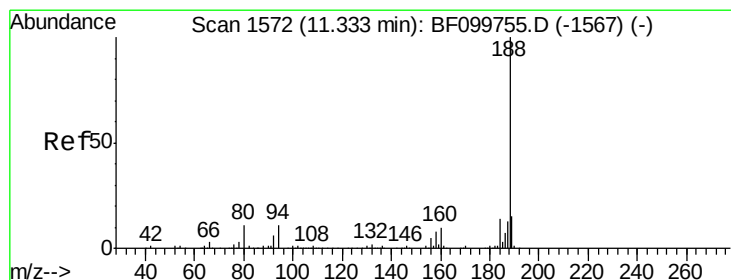
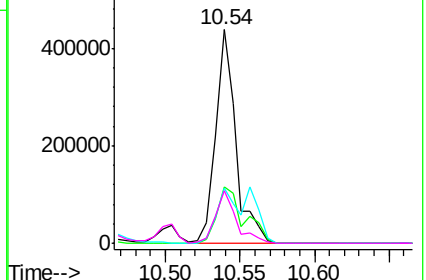
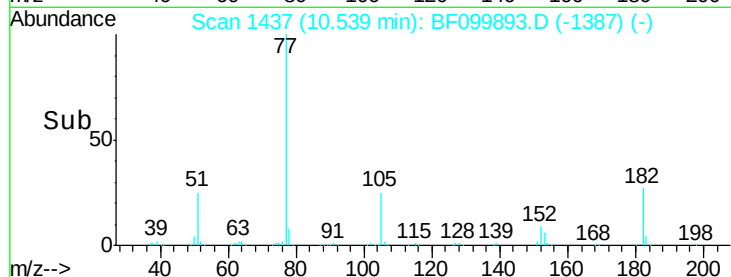


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

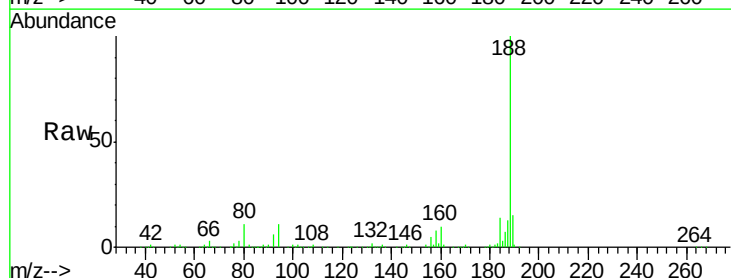
Tgt Ion: 188 Resp: 319483

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

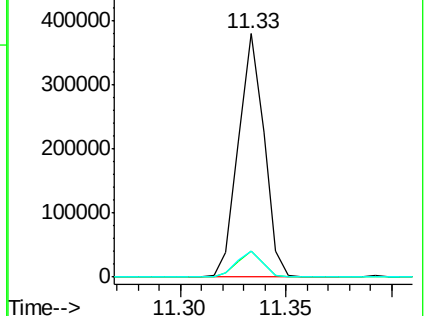
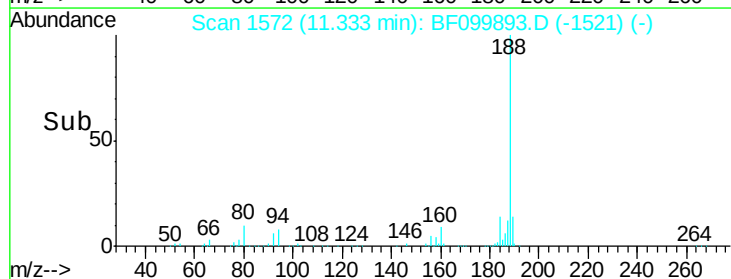
80 10.6 9.2 13.8

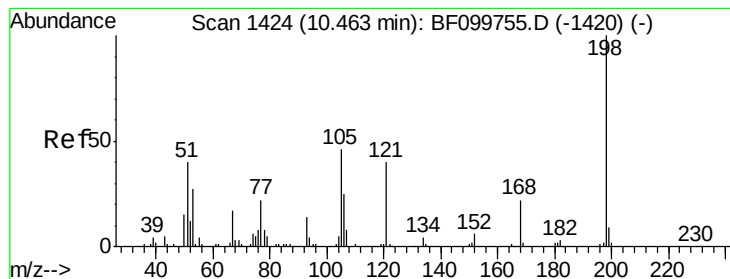


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 23.43 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

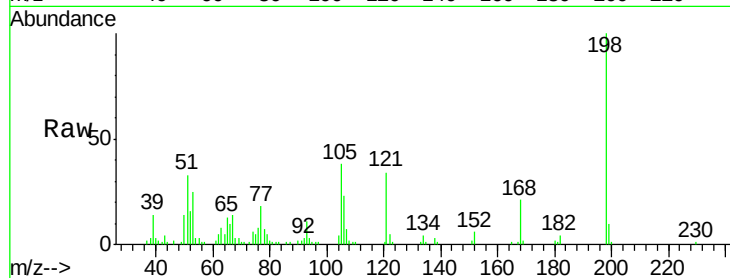
Tot Ion:198 Resp: 47047

Ion Ratio Lower Upper

198 100

51 32.8 37.7 77.7#

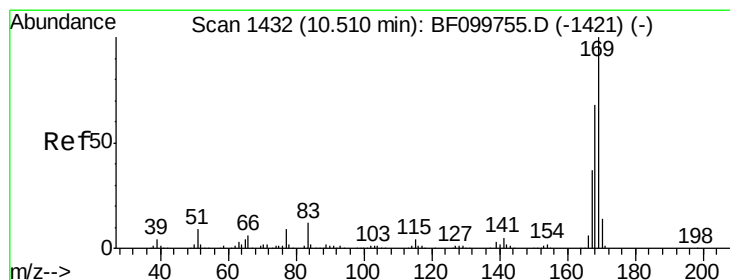
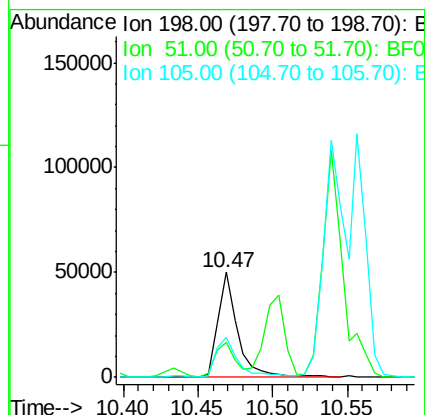
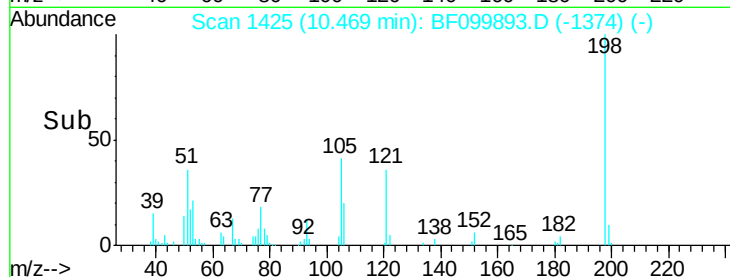
105 38.3 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 30.24 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

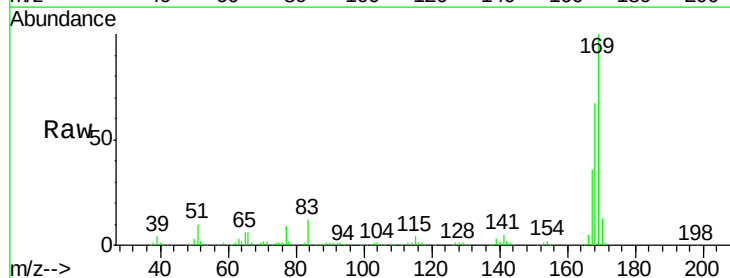
Tgt Ion:169 Resp: 356675

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

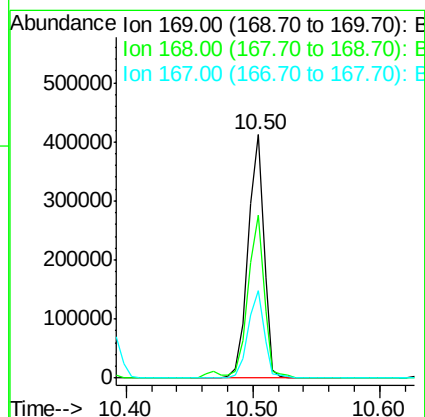
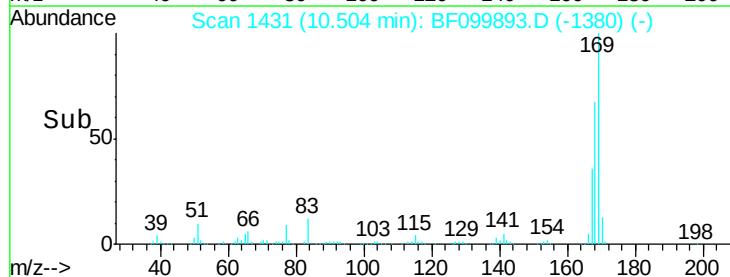
167 35.8 29.8 44.6

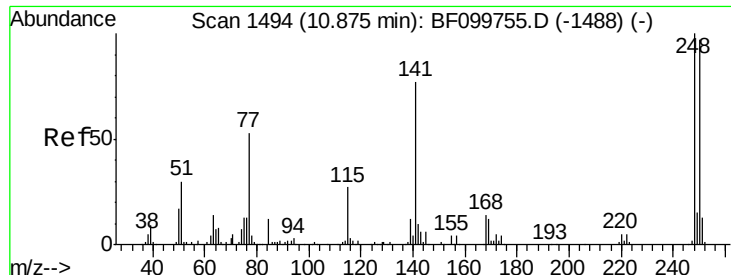


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

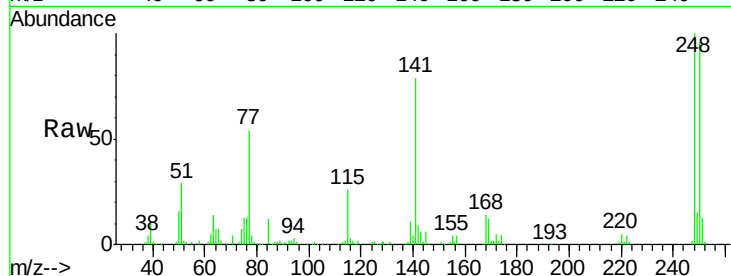




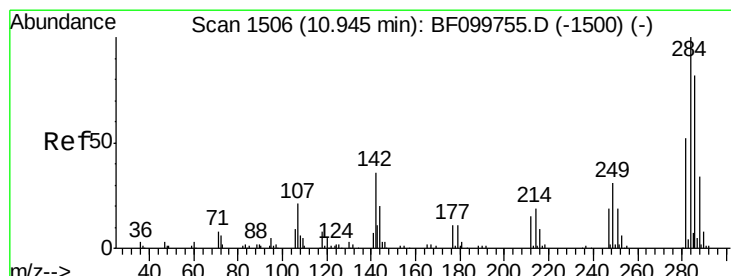
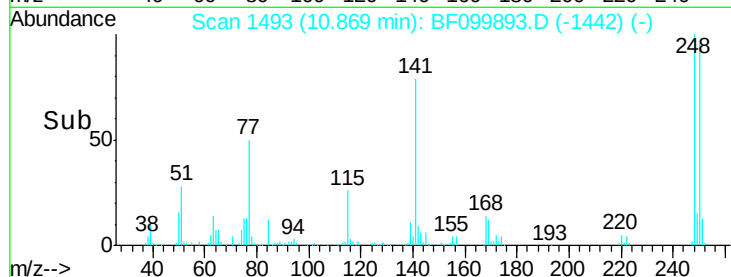
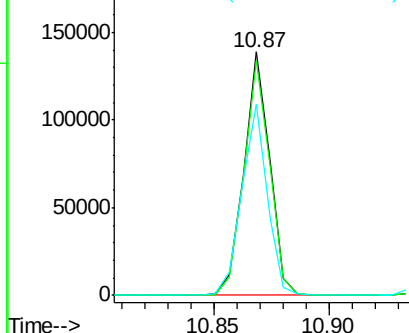
#66
4-Bromophenyl-phenylether
Concen: 32.23 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 108399
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 78.5 74.4 111.6

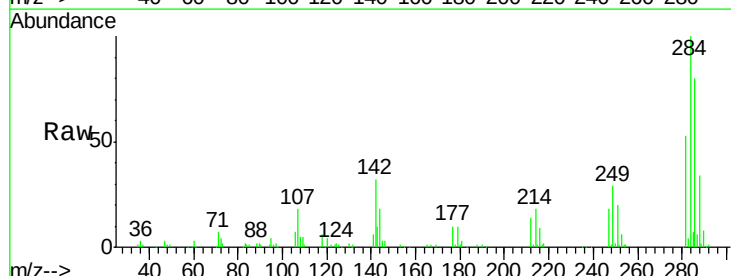


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

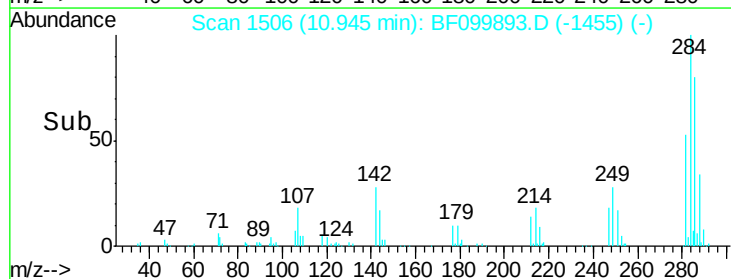
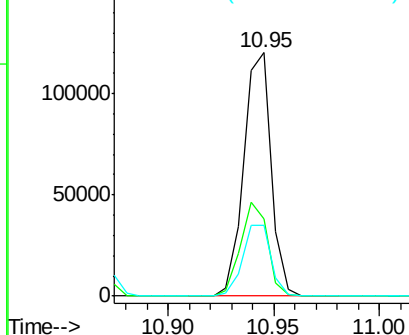


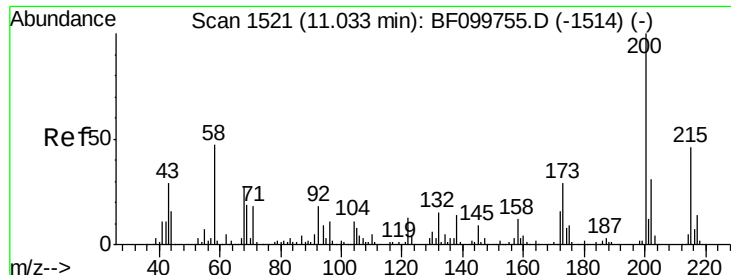
#67
Hexachlorobenzene
Concen: 31.49 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion:284 Resp: 108367
Ion Ratio Lower Upper
284 100
142 31.6 34.6 52.0#
249 29.0 24.8 37.2



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

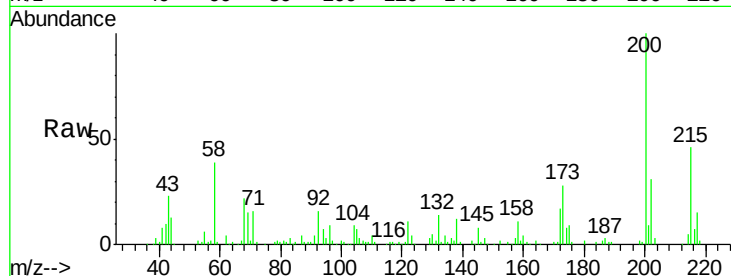




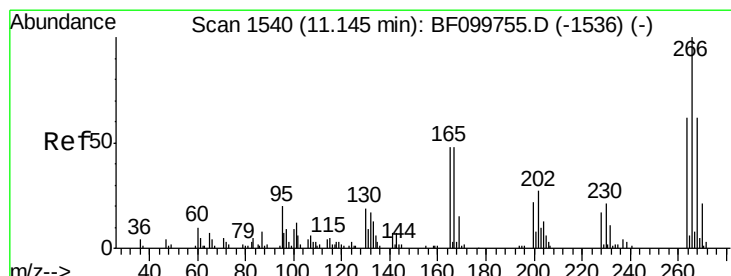
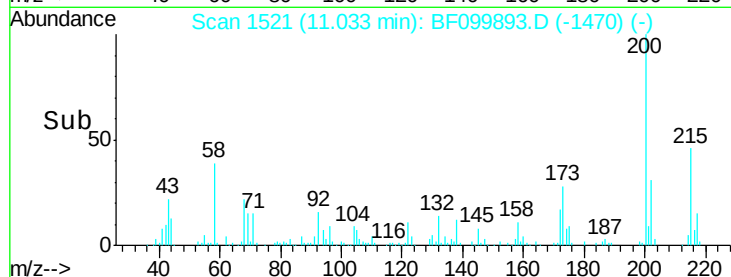
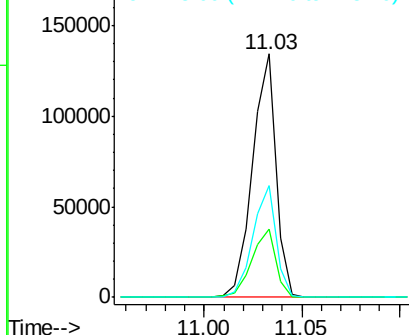
#68
Atrazine
Concen: 31.67 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 112183
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 46.1 25.1 65.1

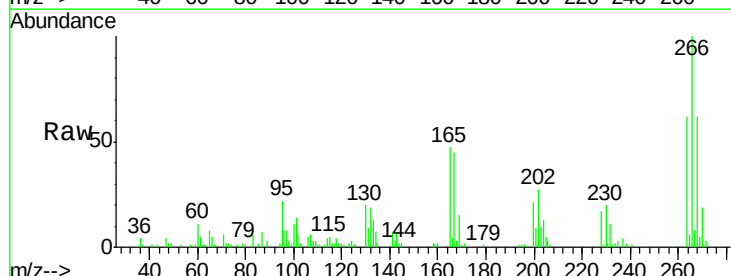


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

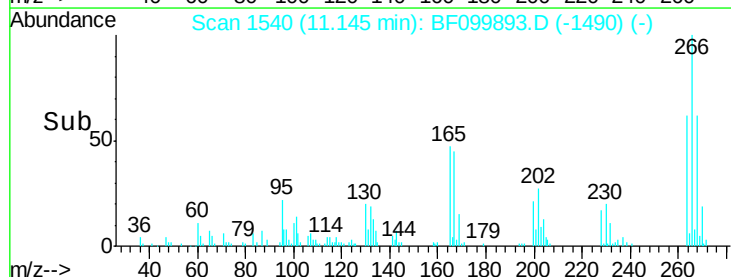
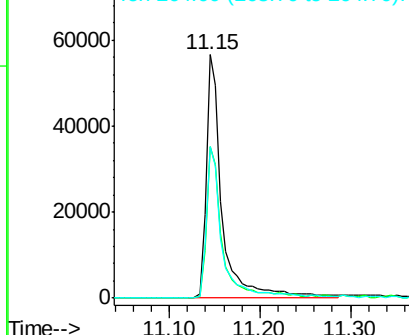


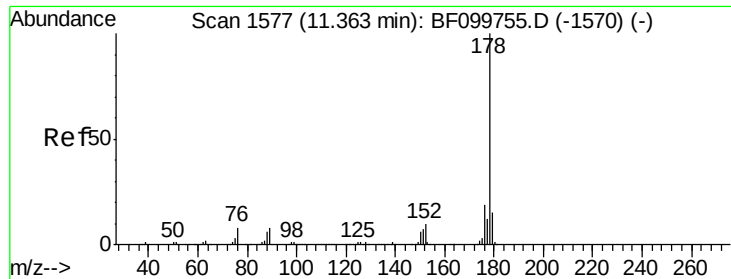
#69
Pentachlorophenol
Concen: 47.89 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion:266 Resp: 70406
Ion Ratio Lower Upper
266 100
268 62.4 51.1 76.7
264 62.2 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

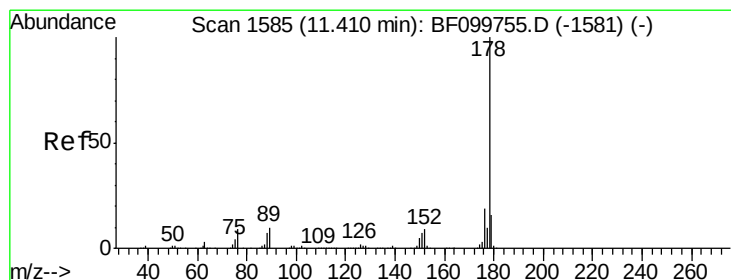
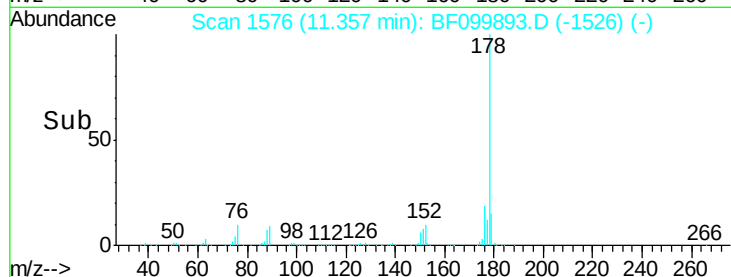
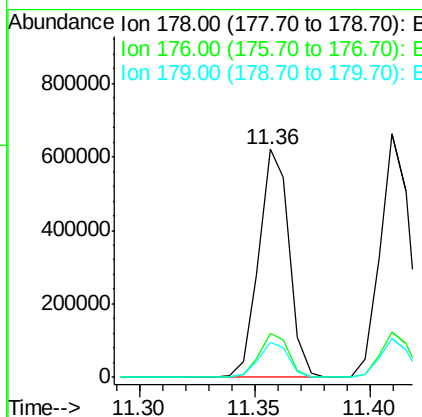
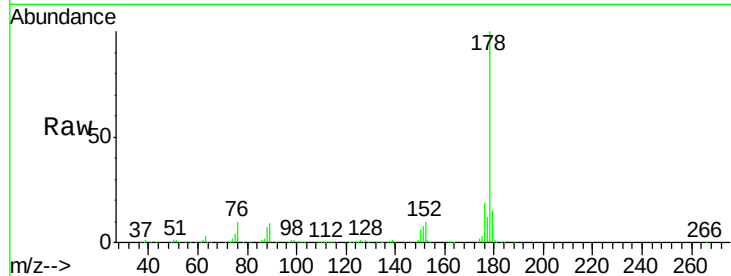




#70
Phenanthrene
Concen: 31.53 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

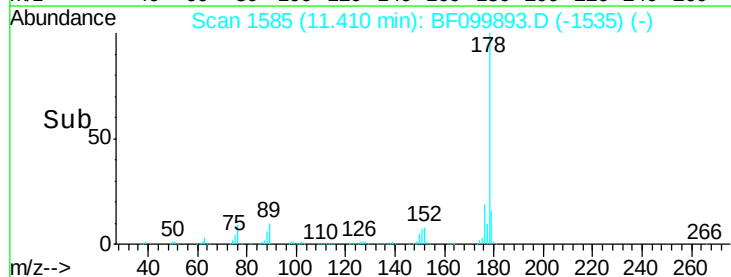
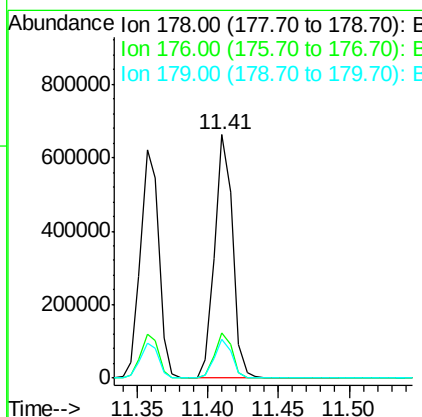
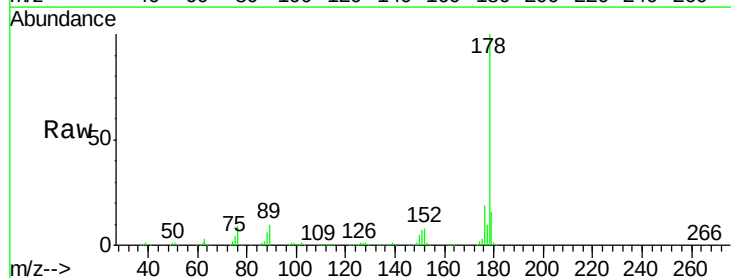
Instrument :
BNA_F
ClientSampleId :

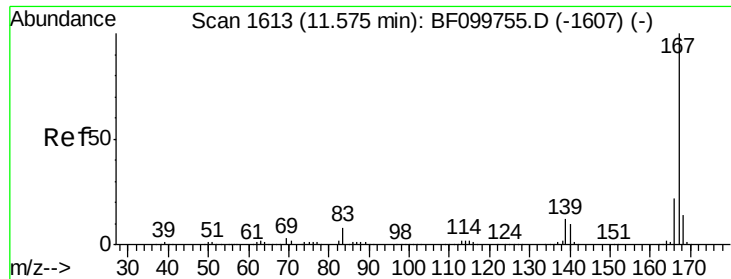
Tot Ion:178 Resp: 568552
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.1 13.0 19.6



#71
Anthracene
Concen: 32.07 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion:178 Resp: 586976
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.7 12.6 19.0





#72

Carbazole

Concen: 30.90 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

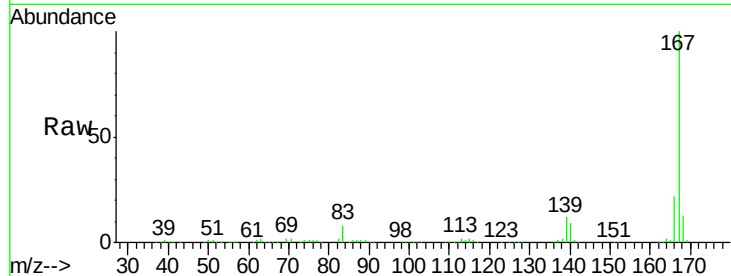
Tot Ion:167 Resp: 531726

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

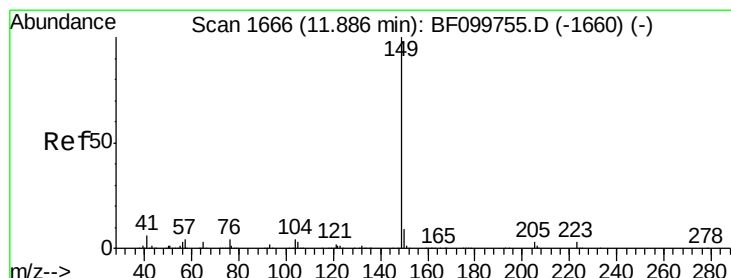
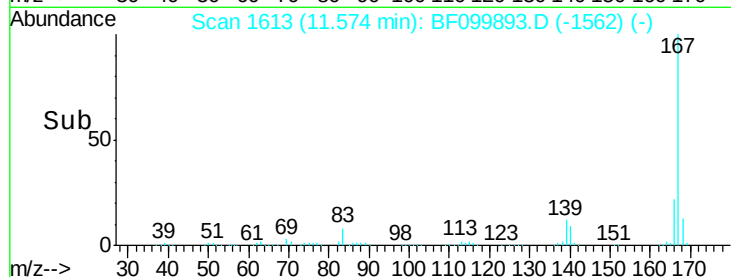
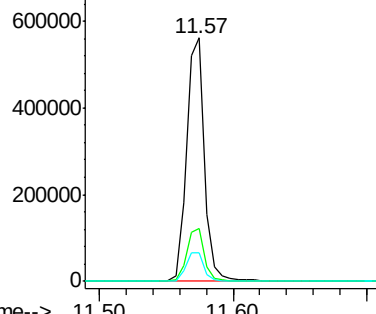
139 11.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 30.56 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

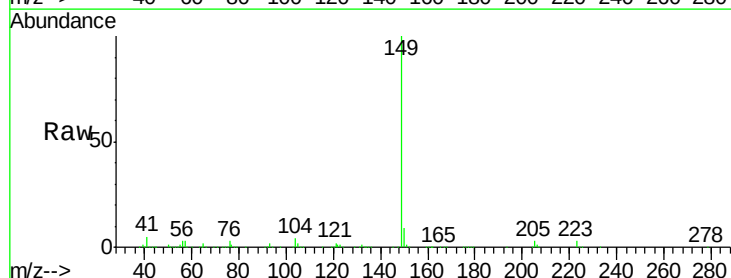
Tgt Ion:149 Resp: 670831

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

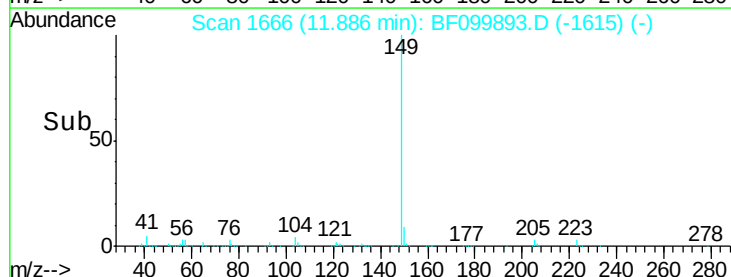
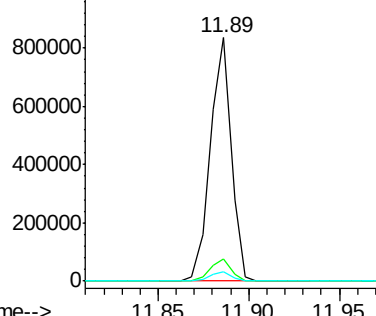
104 3.9 3.8 5.8

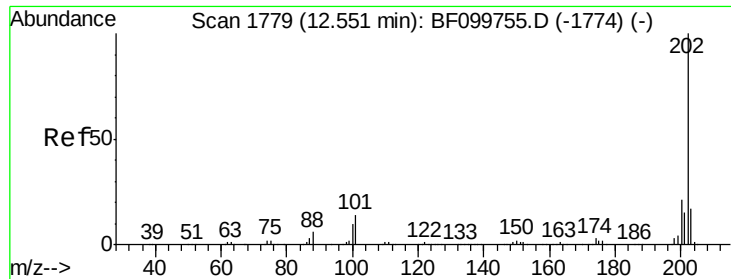


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

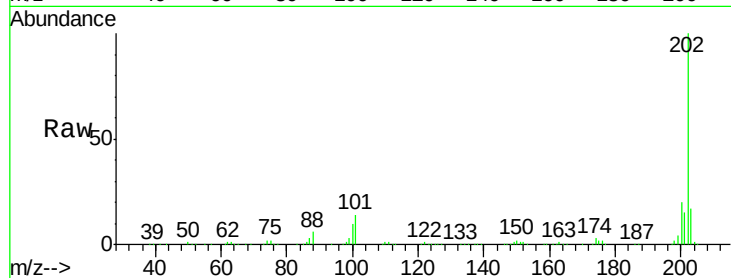




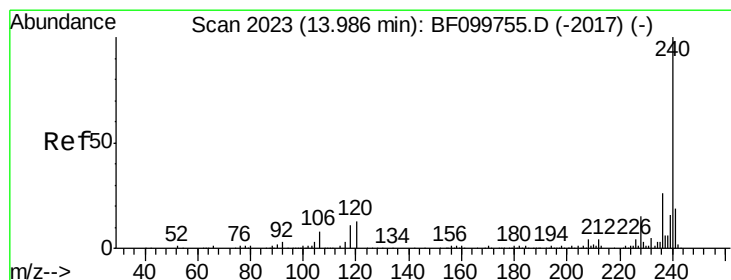
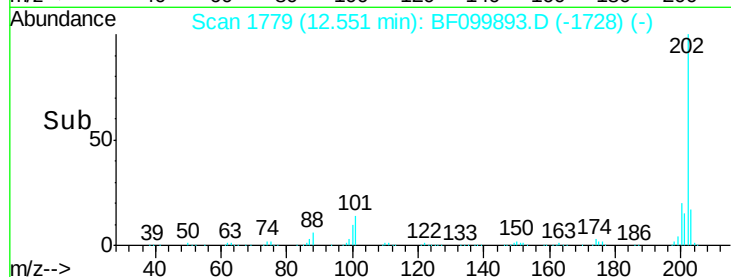
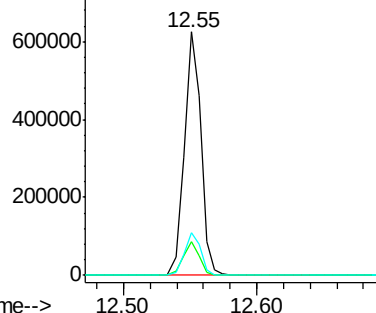
#74
 Fluoranthene
 Concen: 29.22 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 547593
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 34.1
 203 17.3 0.0 38.1

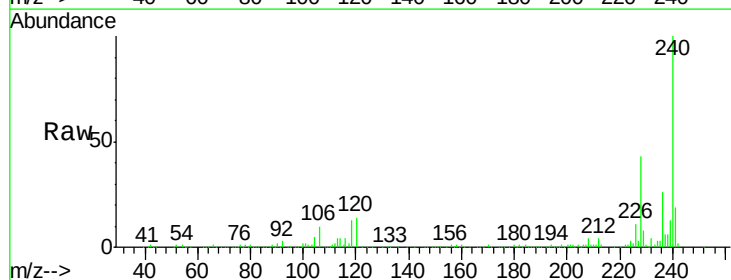


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

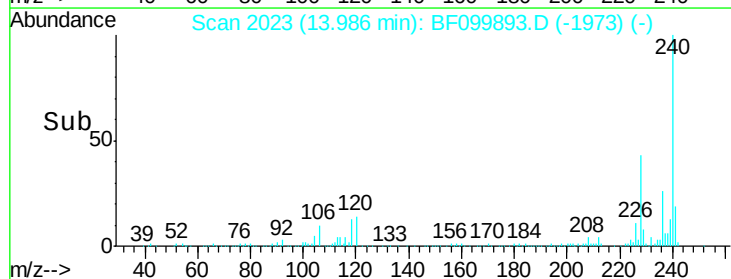
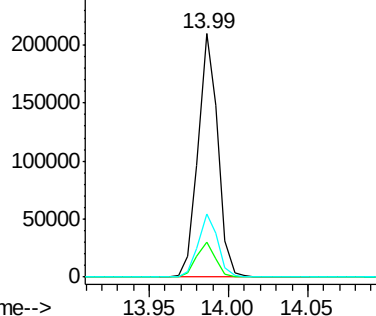


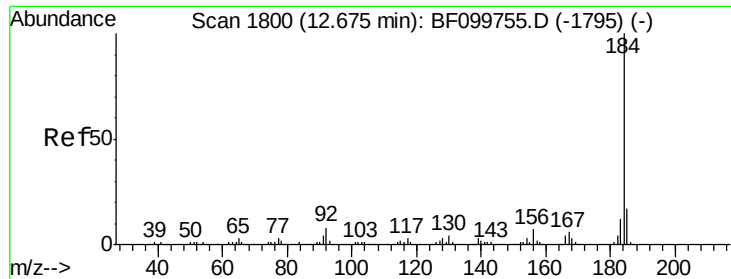
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion:240 Resp: 180409
 Ion Ratio Lower Upper
 240 100
 120 14.5 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: 8.29 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

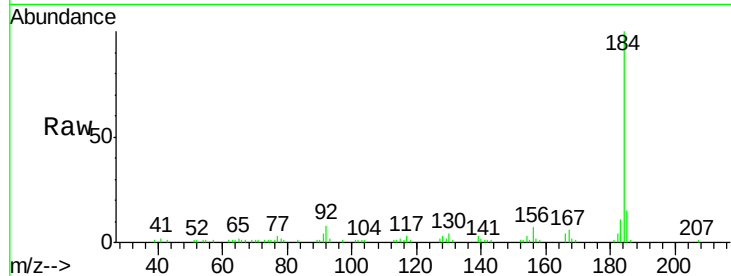
Tot Ion:184 Resp: 65480

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

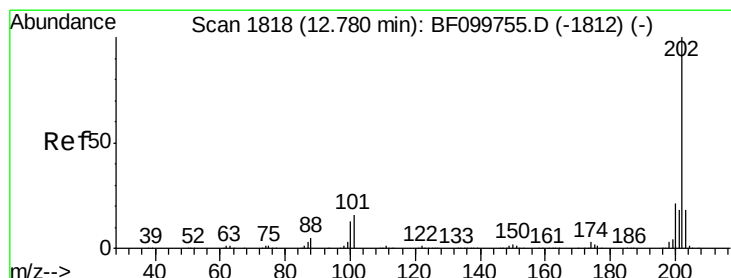
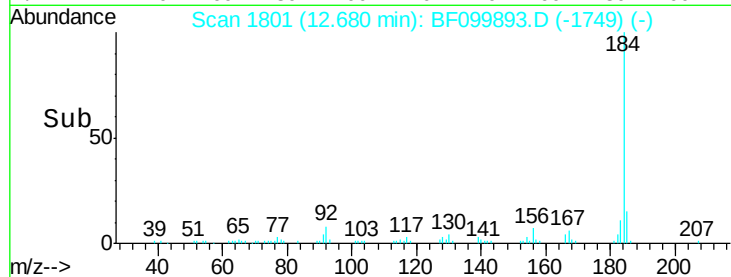
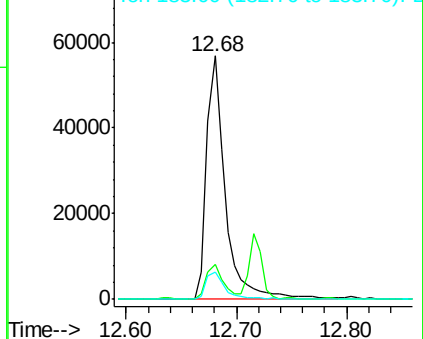
183 11.4 9.3 13.9



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

Pyrene

Concen: 39.61 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

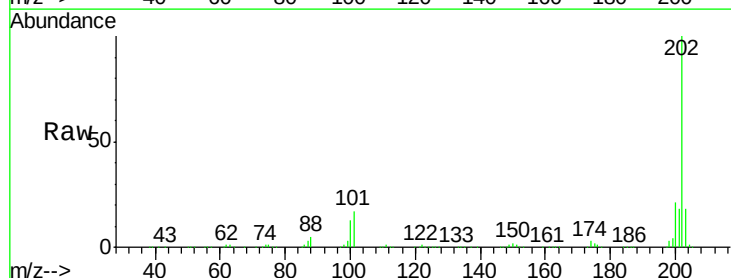
Tgt Ion:202 Resp: 543321

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

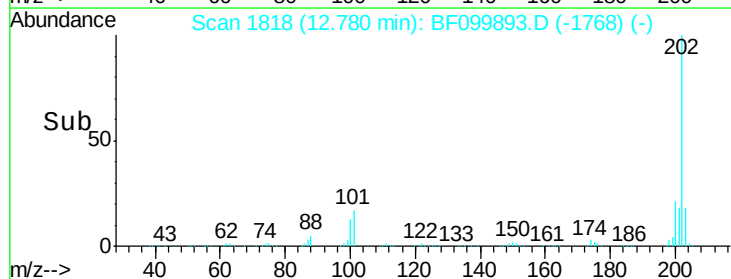
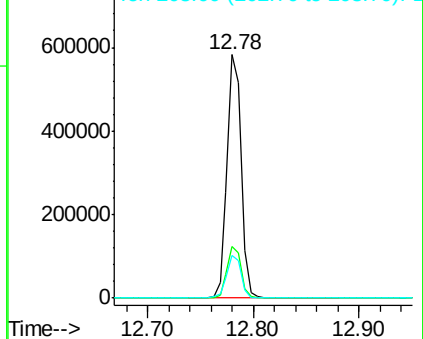
203 17.6 14.3 21.5

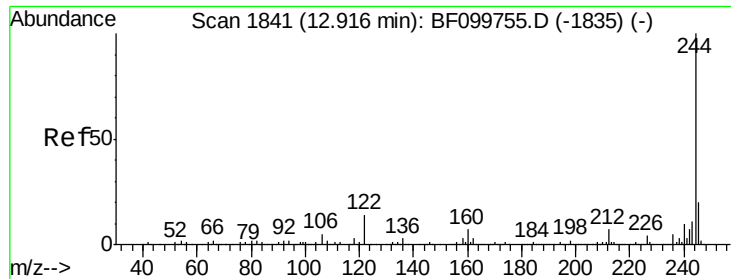


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

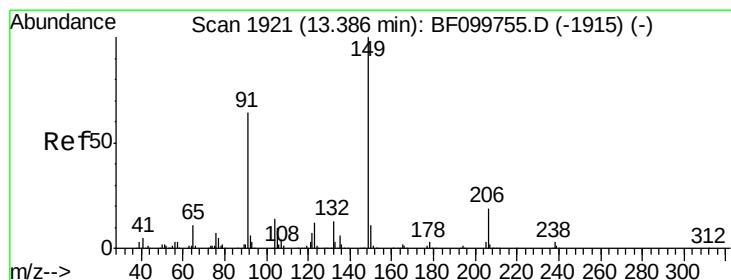
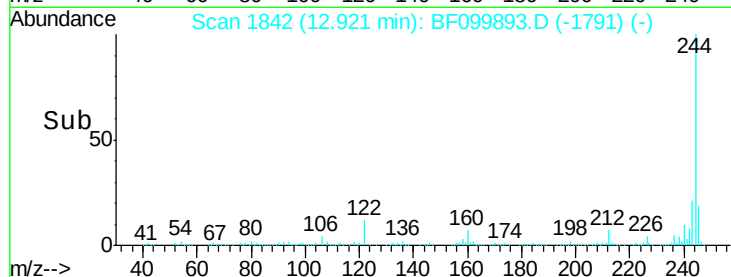
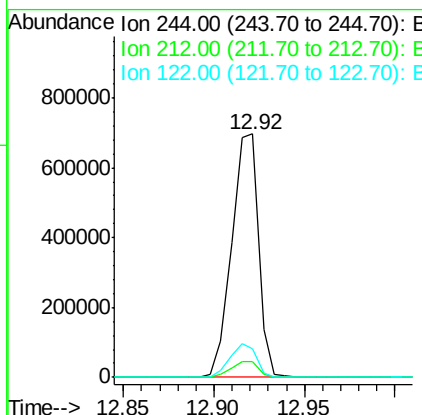
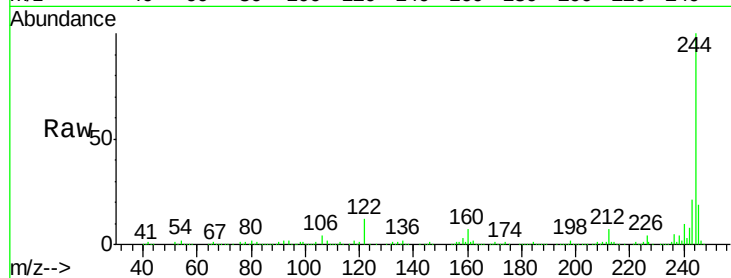




#78
 Terphenyl-d14
 Concen: 86.97 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

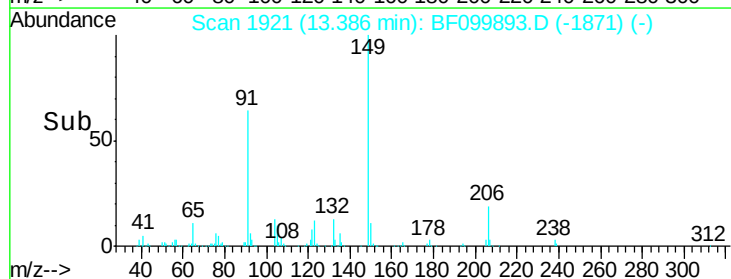
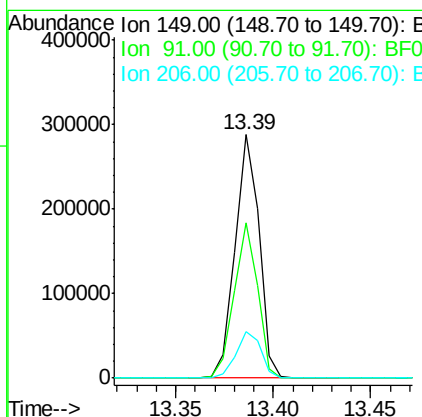
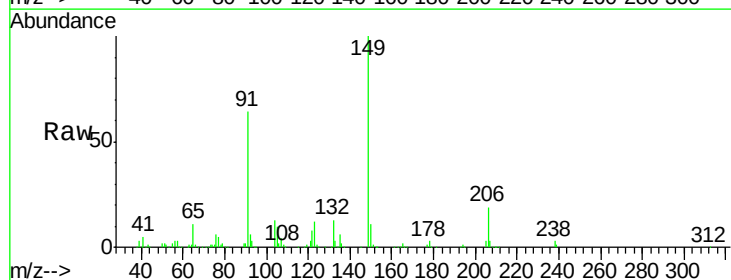
Instrument :
 BNA_F
 ClientSampleId :

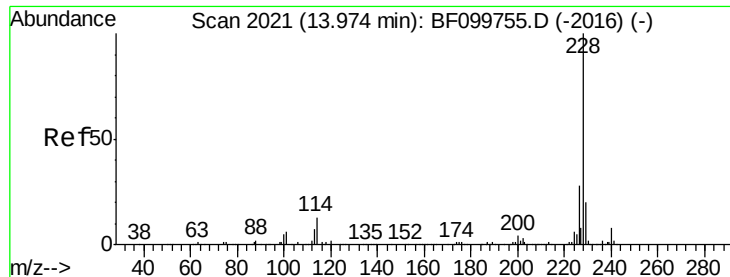
Tot Ion:244 Resp: 717968
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.6 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 36.47 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion:149 Resp: 246394
 Ion Ratio Lower Upper
 149 100
 91 63.9 56.8 85.2
 206 19.3 14.1 21.1





#80

Benzo(a)anthracene

Concen: 31.11 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampled :

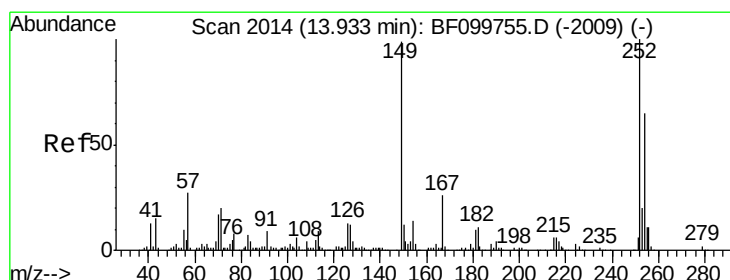
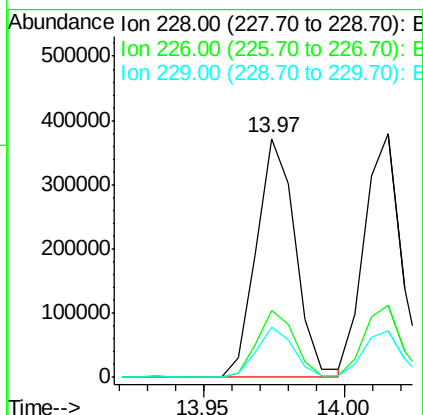
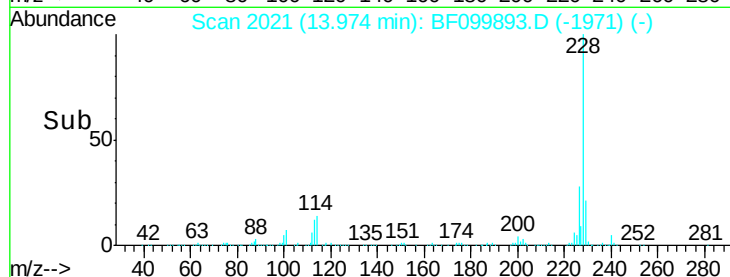
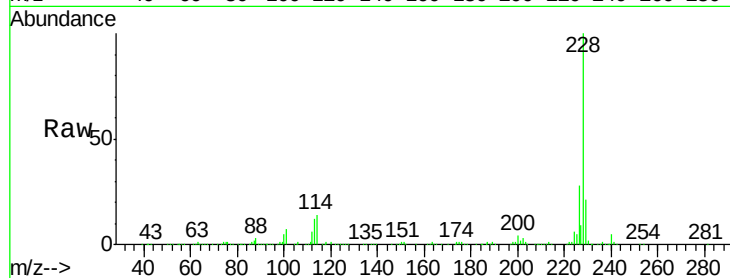
Tot Ion:228 Resp: 355813

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 21.2 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 23.75 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

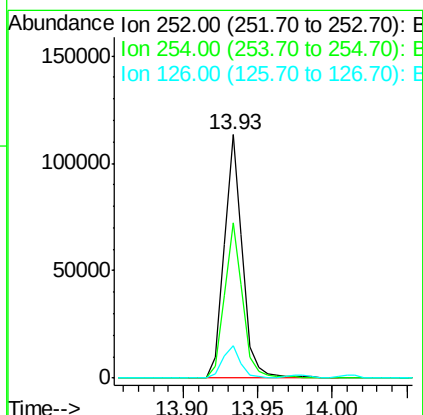
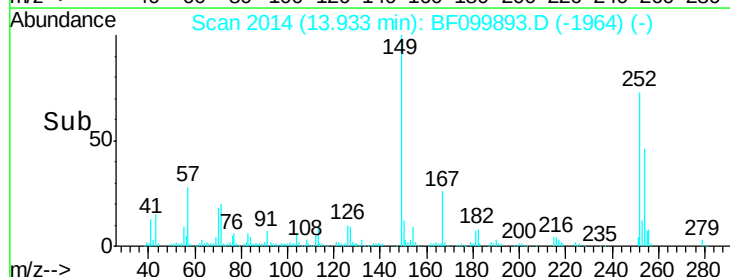
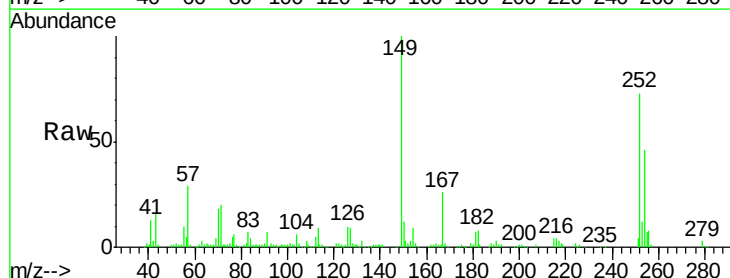
Tgt Ion:252 Resp: 98586

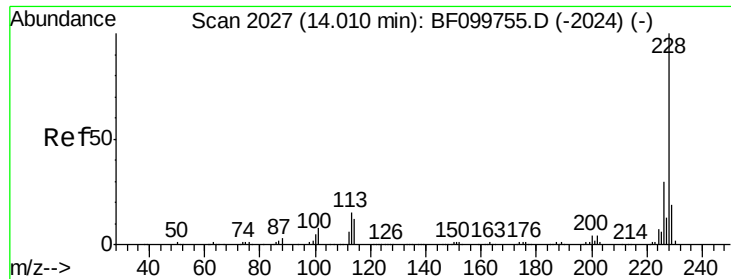
Ion Ratio Lower Upper

252 100

254 63.8 50.4 75.6

126 13.1 11.3 16.9

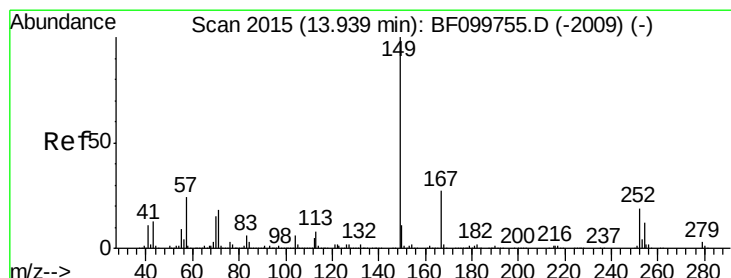
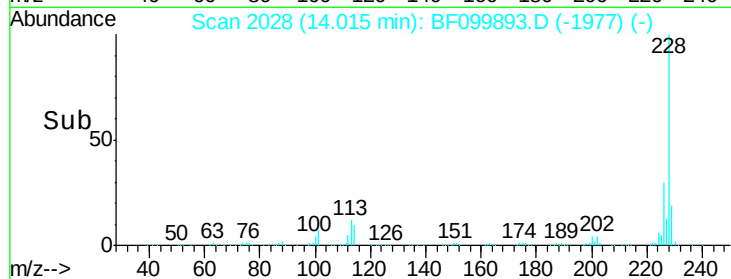
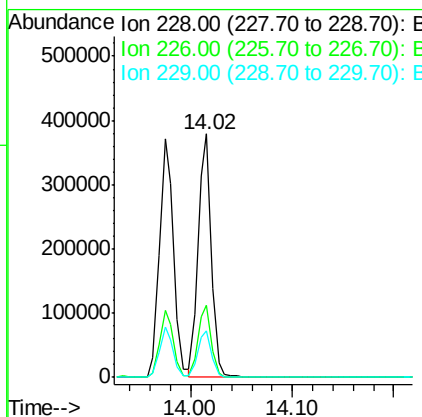
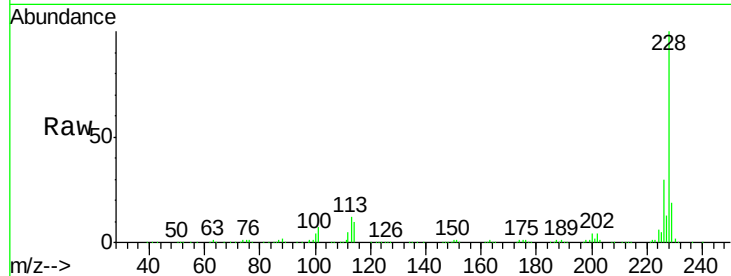




#82
Chrysene
Concen: 31.88 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

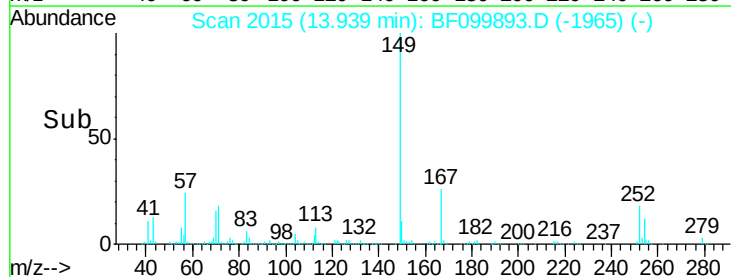
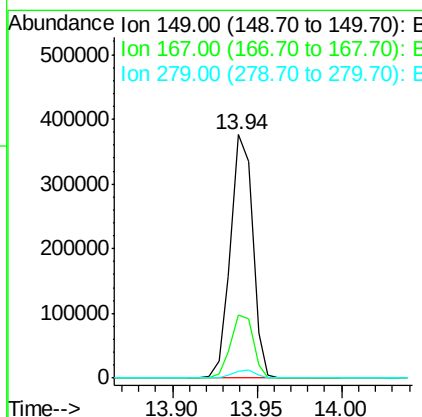
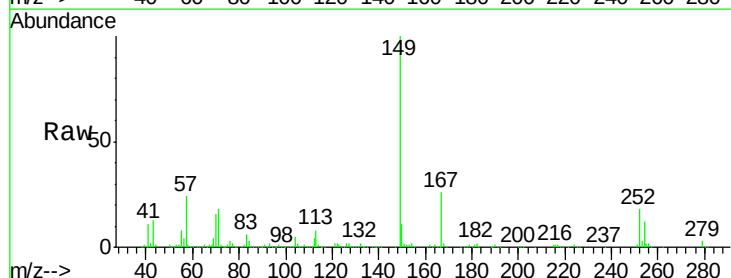
Instrument :
BNA_F
ClientSampled :

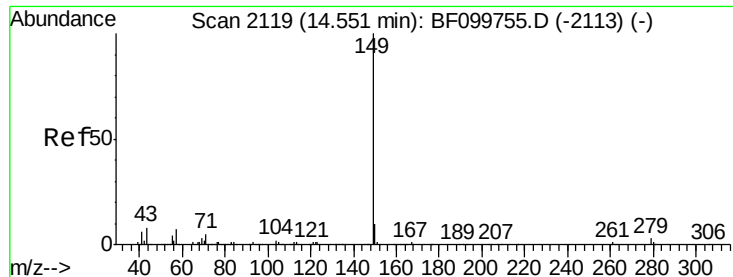
Tot Ion:228 Resp: 342747
Ion Ratio Lower Upper
228 100
226 29.6 25.0 37.6
229 19.3 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 36.28 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion:149 Resp: 344168
Ion Ratio Lower Upper
149 100
167 25.8 21.3 31.9
279 2.8 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 29.24 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

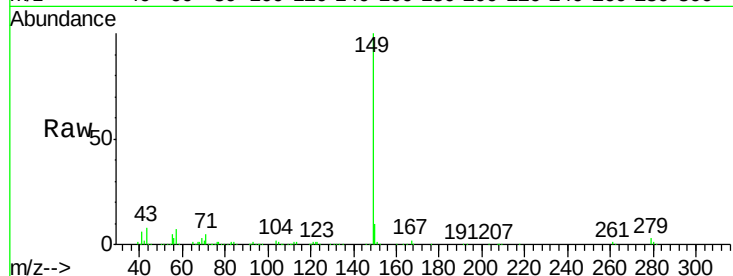
Tot Ion:149 Resp: 476156

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

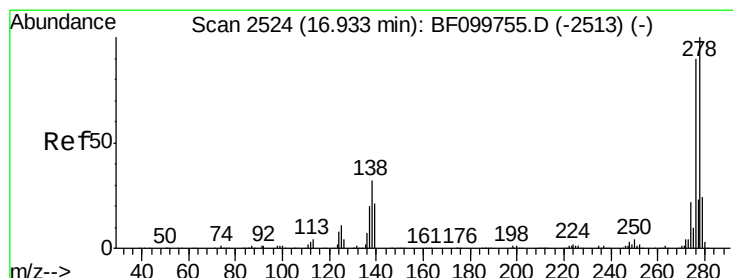
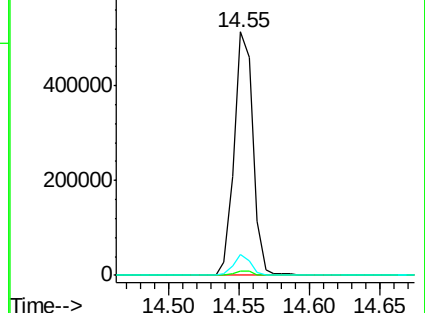
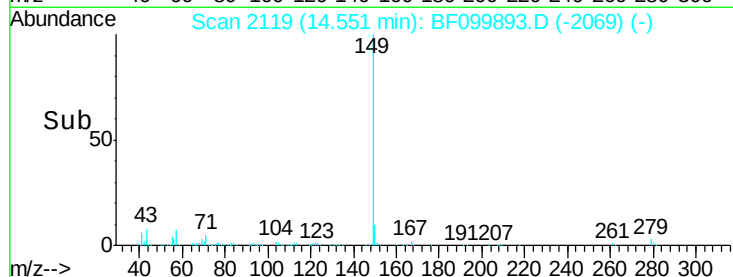
43 7.6 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 35.81 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

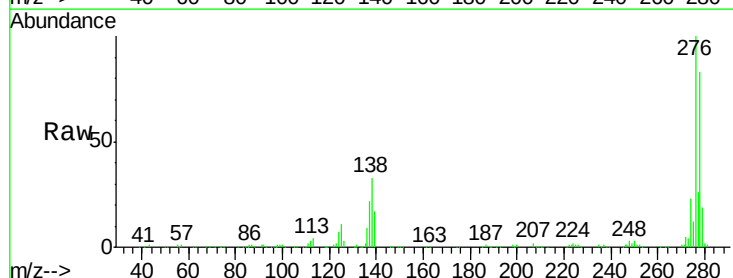
Tgt Ion:276 Resp: 353489

Ion Ratio Lower Upper

276 100

138 33.9 25.0 37.6

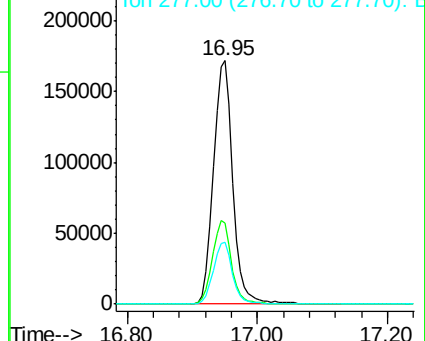
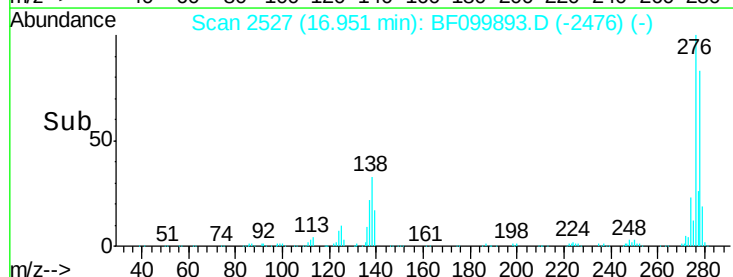
277 25.0 20.1 30.1

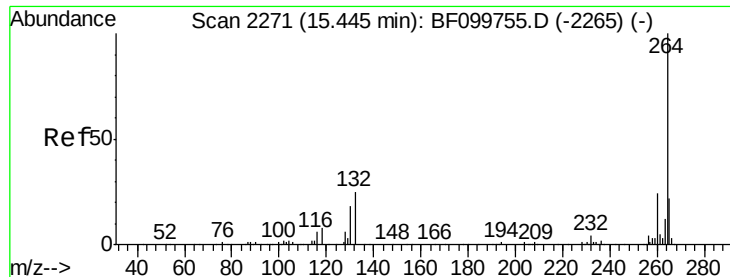


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

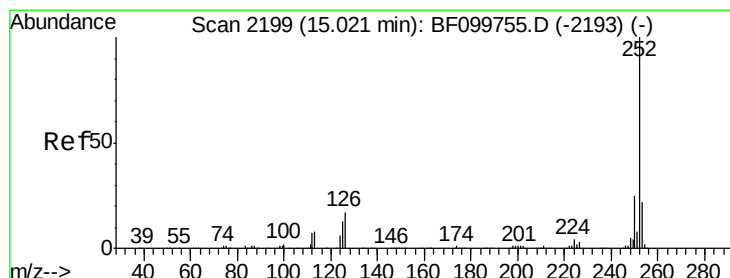
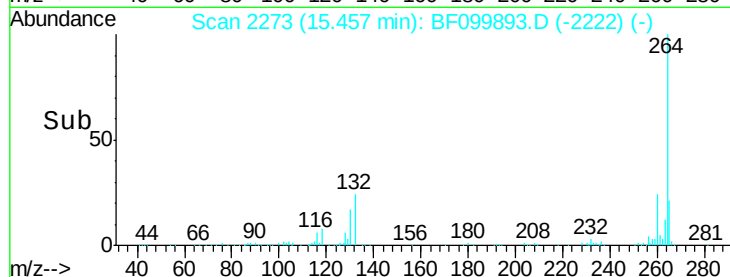
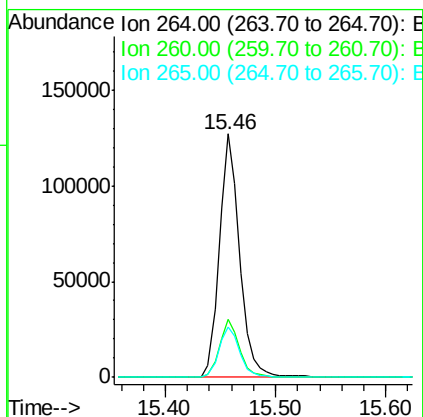
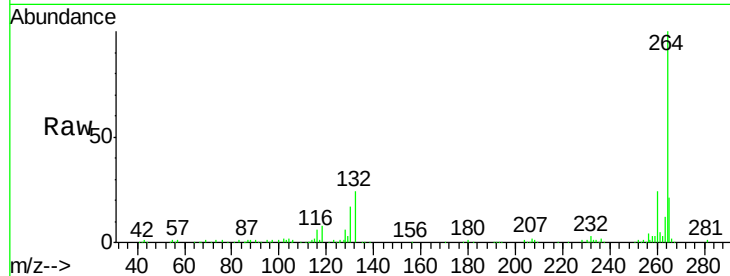




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

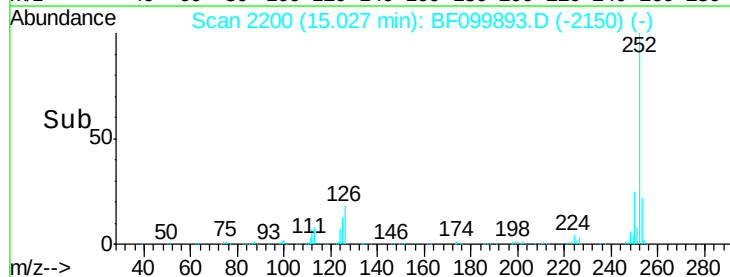
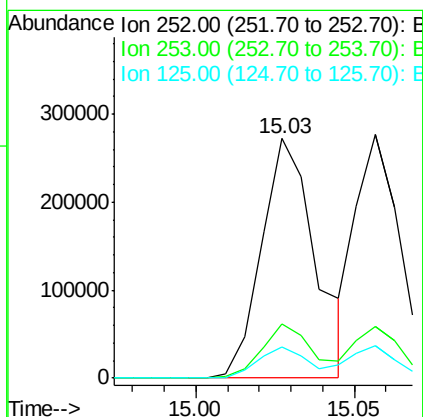
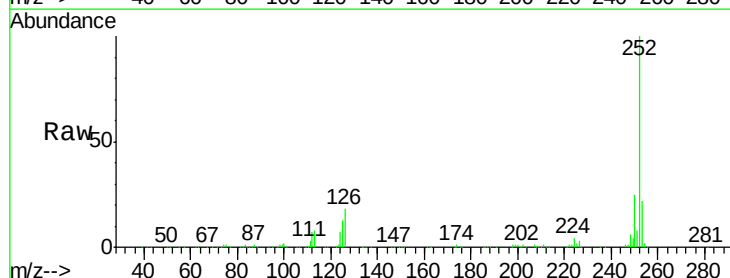
Instrument :
BNA_F
ClientSampleId :

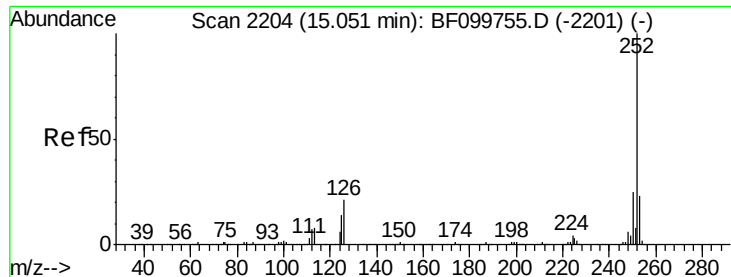
Tot Ion:264 Resp: 162266
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 20.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 31.35 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion:252 Resp: 321231
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 13.0 9.0 13.6

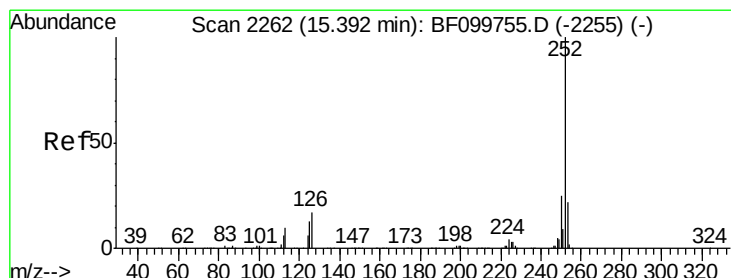
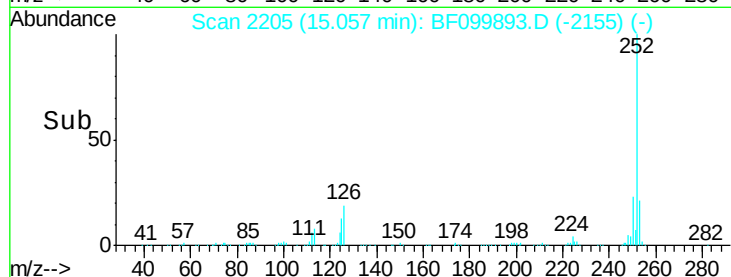
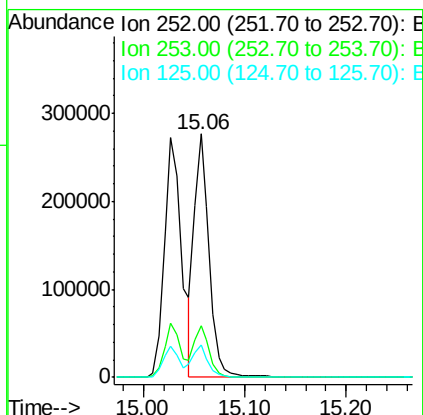
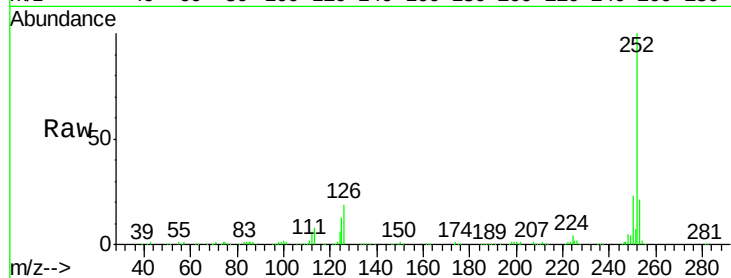




#88
Benzo(k)fluoranthene
Concen: 28.79 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

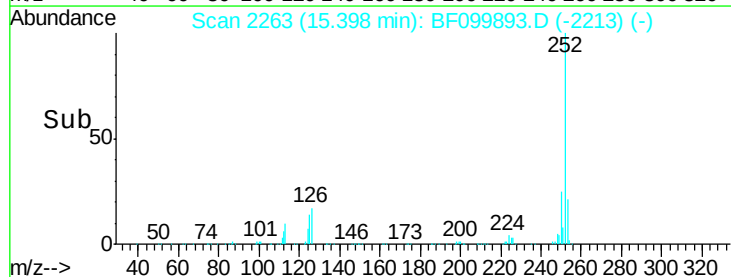
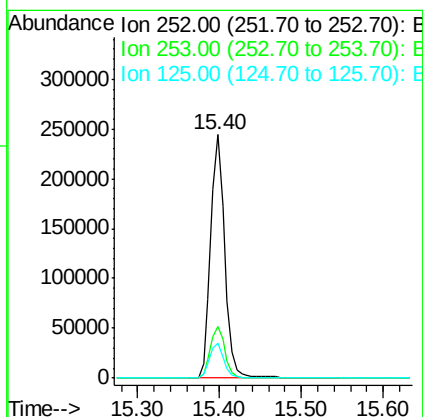
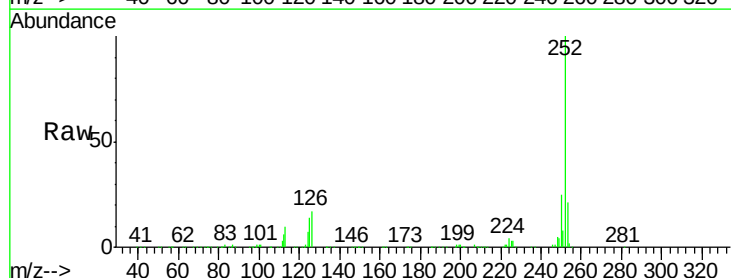
Instrument :
BNA_F
ClientSampleId :

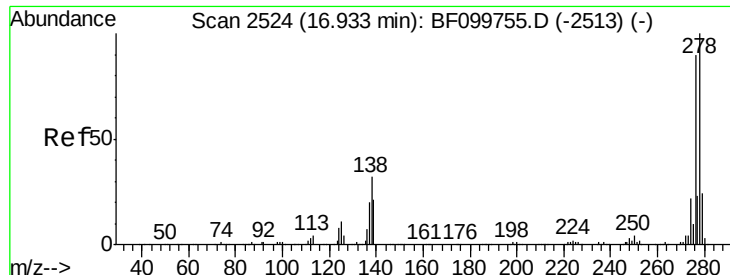
Tot Ion:252 Resp: 278127
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 13.1 10.2 15.2



#89
Benzo(a)pyrene
Concen: 32.07 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion:252 Resp: 295167
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 14.2 9.8 14.6

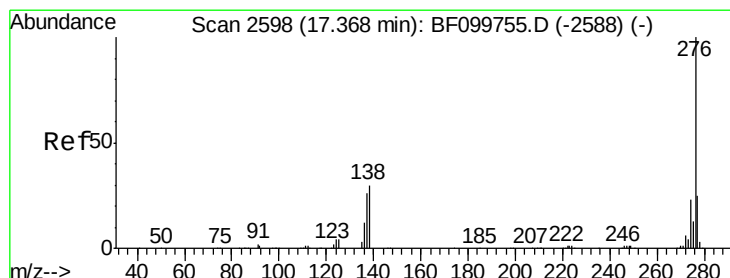
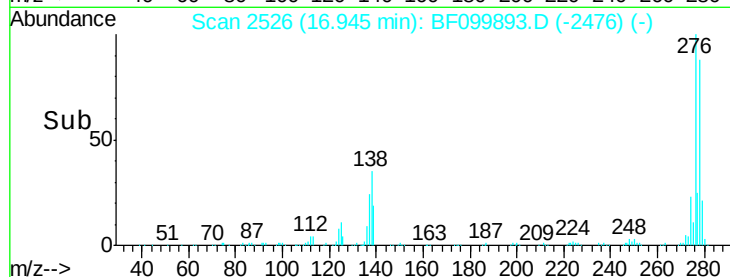
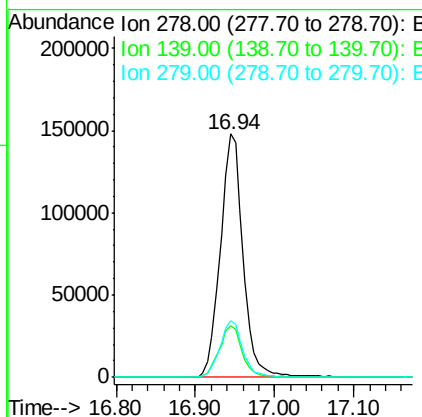
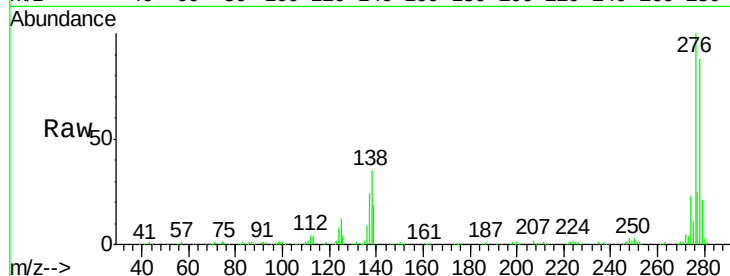




#90
Dibenzo(a,h)anthracene
Concen: 35.82 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.9	23.9
279	23.4	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 38.45 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	27.6	21.8	32.8

