

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109973.D
 Acq On : 18 Oct 2018 21:52
 Operator : JU/SJ
 Sample : J5571-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:25:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	169805	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	620278	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	259116	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	404178	20.00	ng	0.00
76) Chrysene-d12	14.16	240	326287	20.00	ng	0.00
87) Perylene-d12	15.68	264	374869	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	559356	52.22	ng	0.00
7) Phenol-d6	6.59	99	432434	32.51	ng	-0.01
23) Nitrobenzene-d5	7.54	82	902753	98.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	285740	127.37	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1516739	93.40	ng	0.00
79) Terphenyl-d14	13.10	244	1152188	74.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.86	88	59383	9.760	ng	91
3) Pyridine	3.64	79	91605	6.753	ng	89
4) n-Nitrosodimethylamine	3.57	42	76656	13.853	ng	# 96
6) Aniline	6.64	93	143656	8.014	ng	# 51
8) 2-Chlorophenol	6.76	128	367148	30.597	ng	96
9) Benzaldehyde	6.53	77	166918	19.310	ng	95
10) Phenol	6.60	94	197887	13.779	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	425589	35.442	ng	93
12) 1,3-Dichlorobenzene	6.92	146	486737	36.992	ng	99
13) 1,4-Dichlorobenzene	6.99	146	492851	37.193	ng	98
14) 1,2-Dichlorobenzene	7.15	146	452810	37.108	ng	98
15) Benzyl Alcohol	7.11	79	209061	20.429	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	704449	35.742	ng	68
17) 2-Methylphenol	7.22	107	234597	24.245	ng	# 82
18) Hexachloroethane	7.49	117	267467	57.116	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	302935	35.469	ng	95
20) 3+4-Methylphenols	7.37	107	264734	21.561	ng	93
22) Acetophenone	7.38	105	602363	41.875	ng	98
24) Nitrobenzene	7.56	77	459850	45.972	ng	96
25) Isophorone	7.79	82	796360	44.016	ng	97
26) 2-Nitrophenol	7.87	139	227119	54.762	ng	92
27) 2,4-Dimethylphenol	7.90	122	346256	39.733	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	513516	41.357	ng	98
29) 2,4-Dichlorophenol	8.11	162	328889	38.904	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	389080	41.104	ng	94
31) Naphthalene	8.29	128	1411890	49.638	ng	99
32) Benzoic acid	8.01	122	90513	16.670	ng	96
33) 4-Chloroaniline	8.33	127	73629	5.759	ng	97
34) Hexachlorobutadiene	8.39	225	216135	41.408	ng	100
36) 4-Chloro-3-methylphenol	8.80	107	296052	33.196	ng	96
37) 2-Methylnaphthalene	8.97	142	1021254	55.448	ng	99
38) 1-Methylnaphthalene	8.97	142	1021254	57.222	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	350414	43.906	ng	# 96
41) Hexachlorocyclopentadiene	9.13	237	436226	113.243	ng	99

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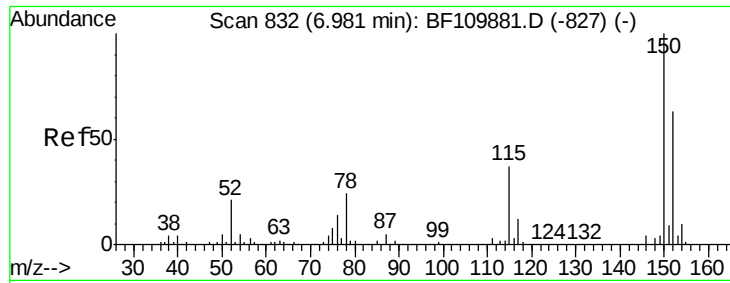
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:25:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,6-Trichlorophenol	9.25	196	219562	43.996	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	221301	42.726	ng	94
46) 1,1'-Biphenyl	9.44	154	980597	42.475	ng	100
47) 2-Chloronaphthalene	9.47	162	725771	42.679	ng	98
48) 2-Nitroaniline	9.56	65	203106	46.541	ng	90
49) Acenaphthylene	9.89	152	1097786	44.437	ng	97
50) Dimethylphthalate	9.74	163	792304	43.183	ng	99
51) 2,6-Dinitrotoluene	9.80	165	172995	49.642	ng	85
52) Acenaphthene	10.06	154	800486	50.896	ng	98
53) 3-Nitroaniline	9.97	138	48347	11.405	ng	# 83
54) 2,4-Dinitrophenol	10.07	184	143951	124.137	ng	91
55) Dibenzofuran	10.23	168	989076	44.096	ng	98
56) 4-Nitrophenol	10.13	139	102088	31.562	ng	95
57) 2,4-Dinitrotoluene	10.20	165	226134	51.048	ng	# 86
58) Fluorene	10.57	166	808358	49.507	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	178606	43.511	ng	# 91
60) Diethylphthalate	10.43	149	723889	39.946	ng	99
61) 4-Chlorophenyl-phenylether	10.56	204	353638	41.578	ng	96
62) 4-Nitroaniline	10.59	138	106921	26.645	ng	95
63) Azobenzene	10.72	77	711991	37.609	ng	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	97565	63.563	ng	79
66) n-Nitrosodiphenylamine	10.68	169	614583	45.655	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	199715	45.595	ng	# 89
68) Hexachlorobenzene	11.12	284	208490	44.635	ng	97
69) Atrazine	11.23	200	117571	27.960	ng	95
70) Pentachlorophenol	11.32	266	216464	81.431	ng	97
71) Phenanthrene	11.54	178	970759	46.393	ng	99
72) Anthracene	11.59	178	973747	46.288	ng	99
73) Carbazole	11.74	167	842439	40.747	ng	99
74) Di-n-butylphthalate	12.07	149	1008777	43.720	ng	99
75) Fluoranthene	12.73	202	906758	43.379	ng	99
78) Pyrene	12.96	202	909800	37.964	ng	98
80) Butylbenzylphthalate	13.57	149	425597	43.927	ng	98
81) Benzo(a)anthracene	14.15	228	888944	46.253	ng	100
83) Chrysene	14.19	228	832296	45.496	ng	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	614029	48.164	ng	95
85) Di-n-octyl phthalate	14.74	149	1083351	60.274	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1155125	78.424	ng	# 95
88) Benzo(b)fluoranthene	15.23	252	961644	44.496	ng	97
89) Benzo(k)fluoranthene	15.26	252	871235	40.899	ng	98
90) Benzo(a)pyrene	15.62	252	919796	46.274	ng	97
91) Dibenzo(a,h)anthracene	17.27	278	948804	53.862	ng	97
92) Benzo(g,h,i)perylene	17.73	276	987752	55.498	ng	# 95

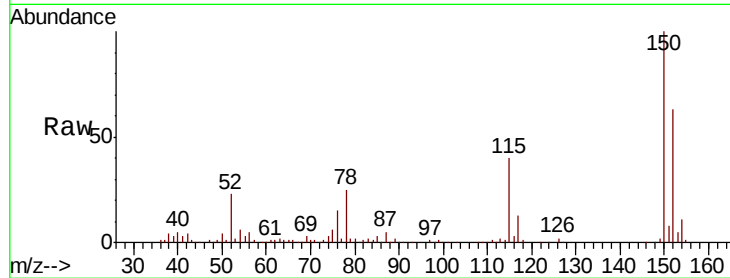
(#) = qualifier out of range (m) = manual integration (+) = signals summed



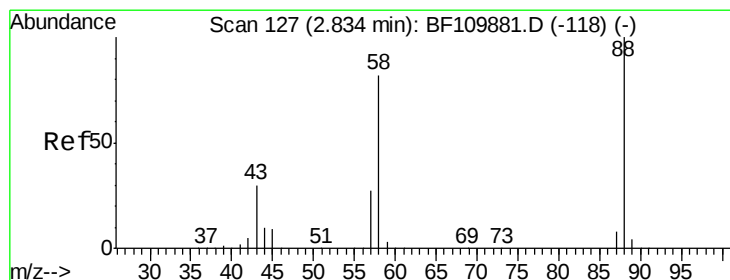
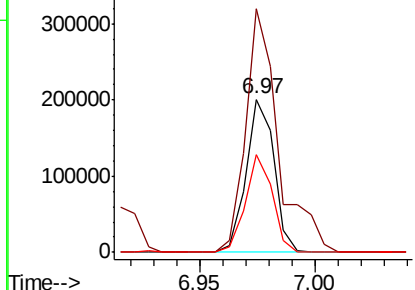
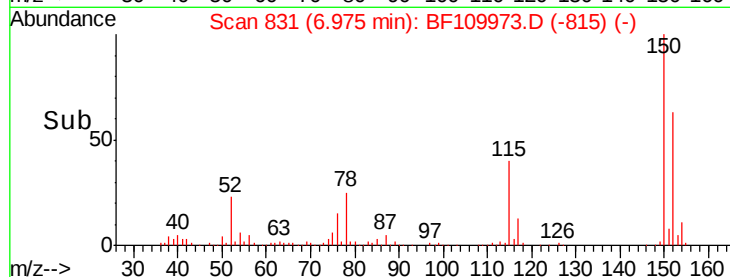
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 169805
 Ion Ratio Lower Upper
 152 100
 150 159.0 122.7 184.1
 115 63.4 49.1 73.7

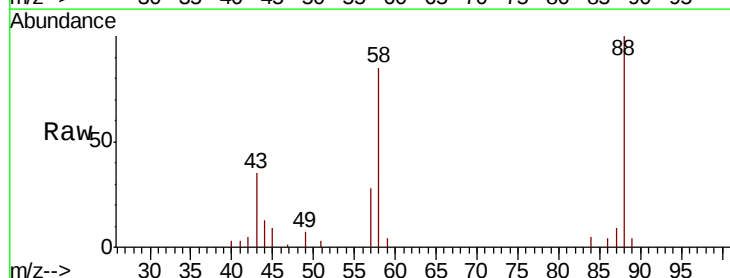


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

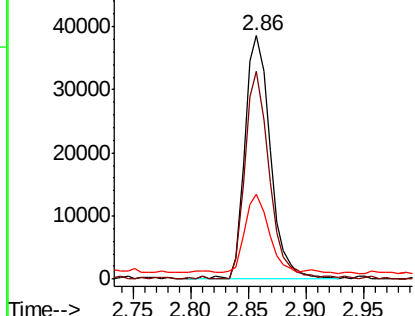
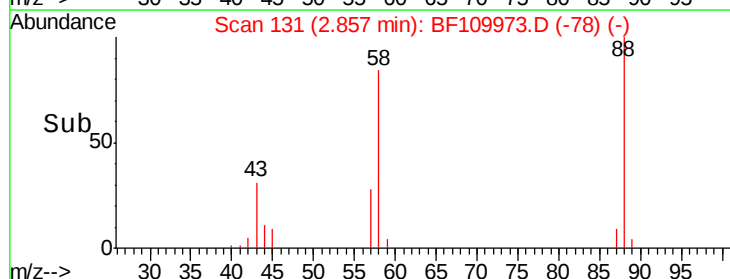


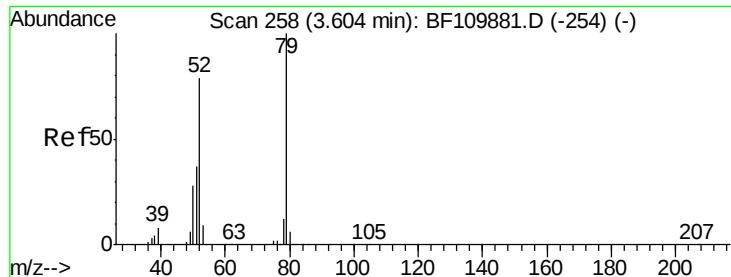
#2
 1,4-Dioxane
 Concen: 9.760 ng
 RT: 2.86 min Scan# 131
 Delta R.T. 0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion: 88 Resp: 59383
 Ion Ratio Lower Upper
 88 100
 58 82.1 57.1 85.7
 43 30.2 24.1 36.1



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

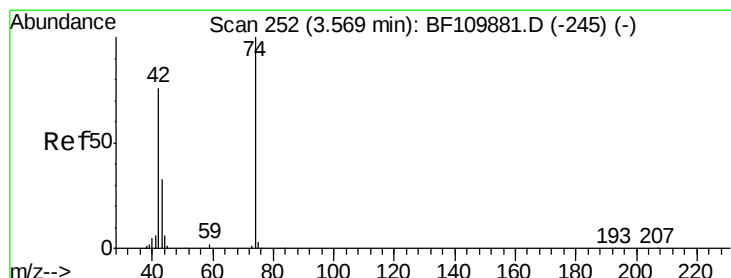
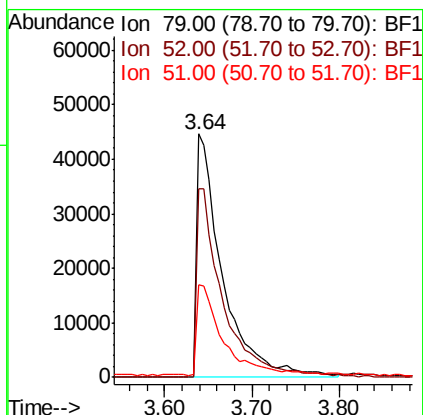
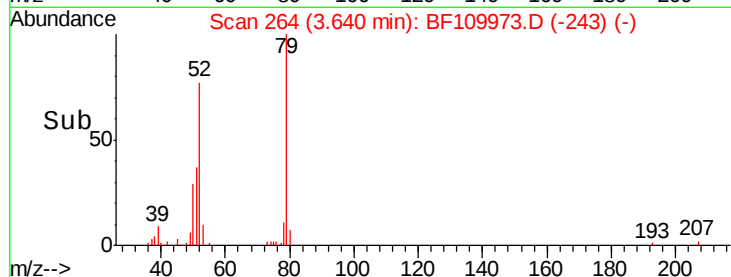
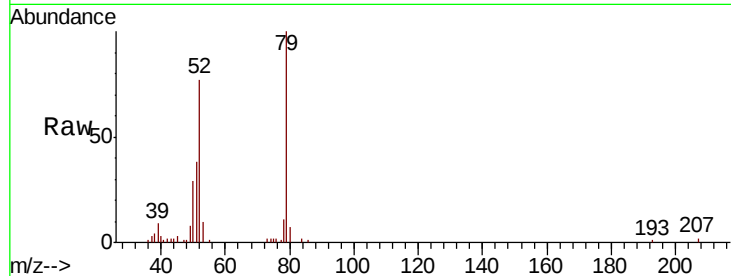




#3
 Pvridine
 Concen: 6.753 ng
 RT: 3.64 min Scan# 264
 Delta R.T. 0.02 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

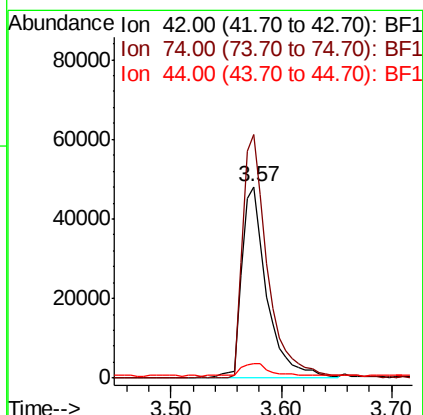
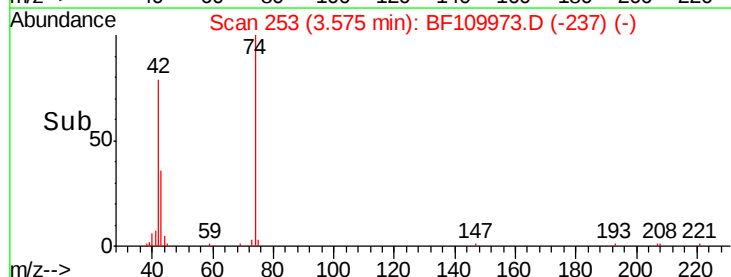
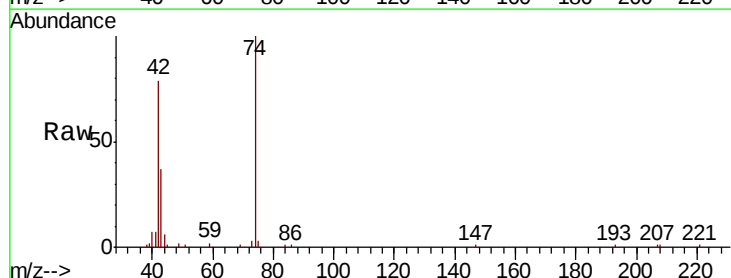
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 91605
 Ion Ratio Lower Upper
 79 100
 52 77.3 53.1 79.7
 51 38.1 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 13.853 ng
 RT: 3.57 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion: 42 Resp: 76656
 Ion Ratio Lower Upper
 42 100
 74 127.2 105.5 158.3
 44 7.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 52.216 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF109973.D

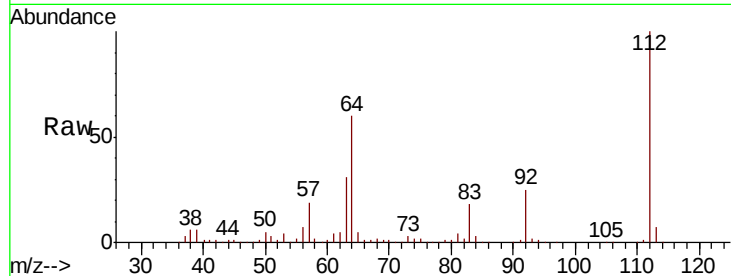
Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

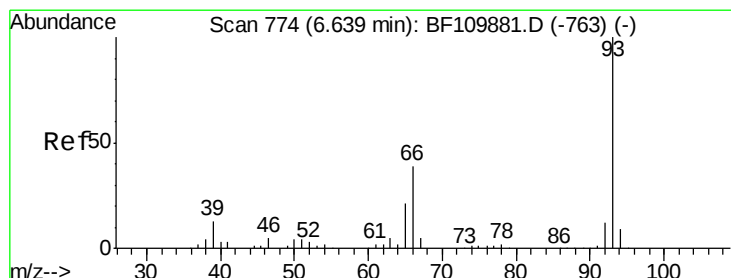
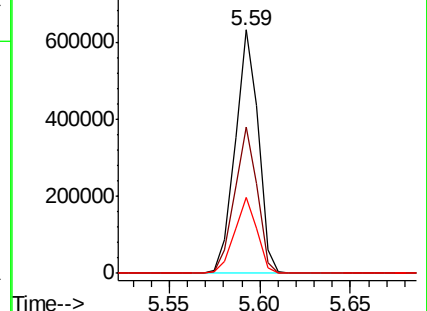
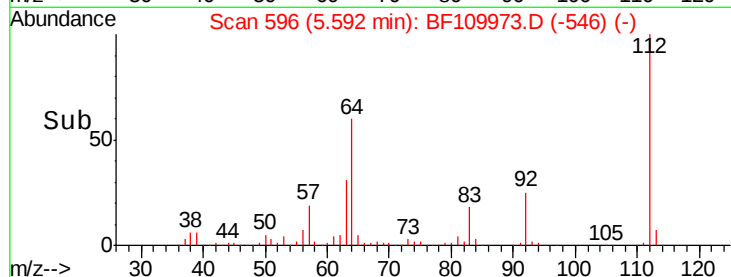
Tot Ion:112	Resp:	559356
Ion Ratio	Lower	Upper
112 100		
64 60.2	44.1	66.1
63 31.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.014 ng

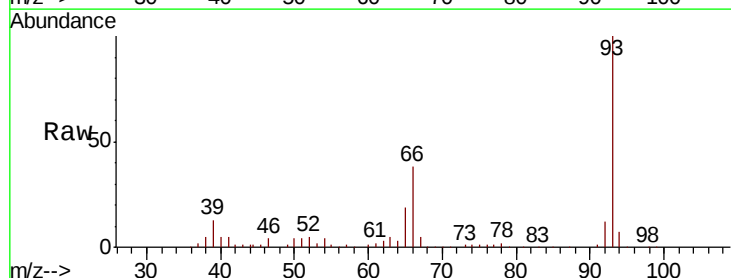
RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

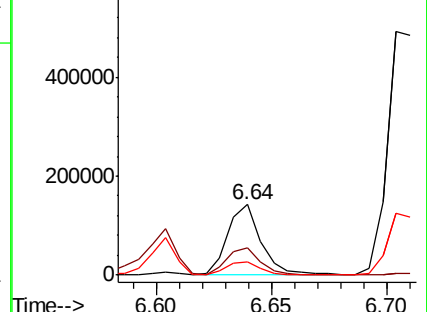
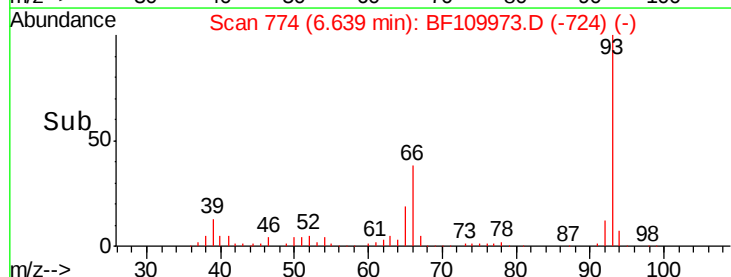
Tgt Ion: 93	Resp:	143656
Ion Ratio	Lower	Upper
93 100		
66 38.1	67.4	101.0#
65 19.0	41.0	61.4#

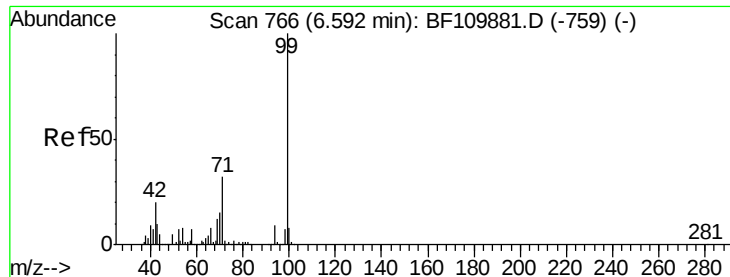


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 32.509 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

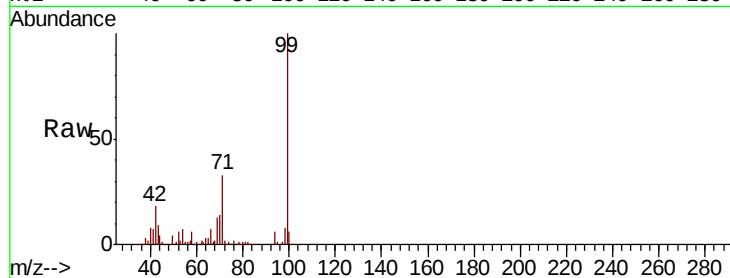
Tot Ion: 99 Resp: 432434

Ion Ratio Lower Upper

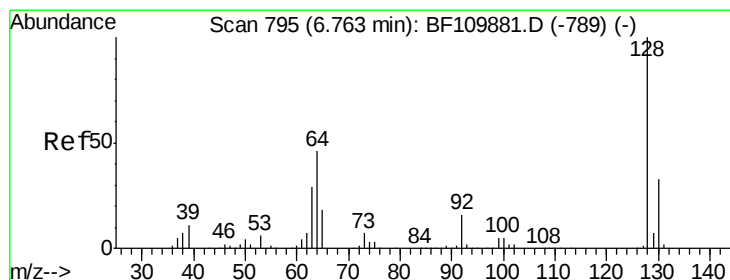
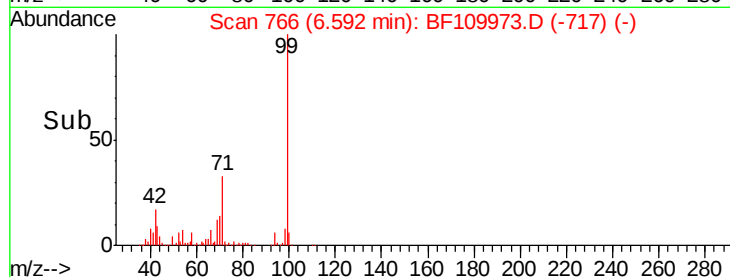
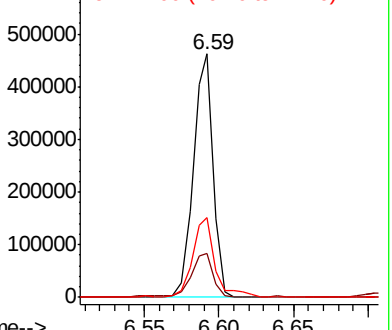
99 100

42 18.1 15.8 23.6

71 33.0 28.0 42.0



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



#8

2-Chlorophenol

Concen: 30.597 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

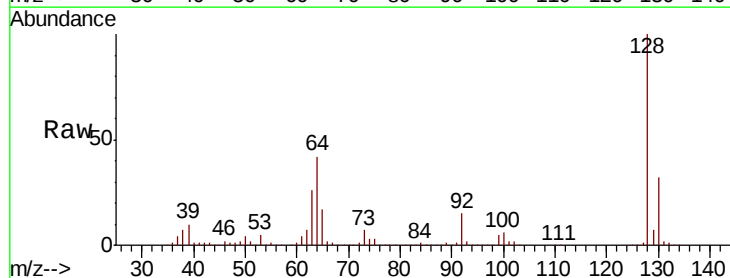
Tgt Ion: 128 Resp: 367148

Ion Ratio Lower Upper

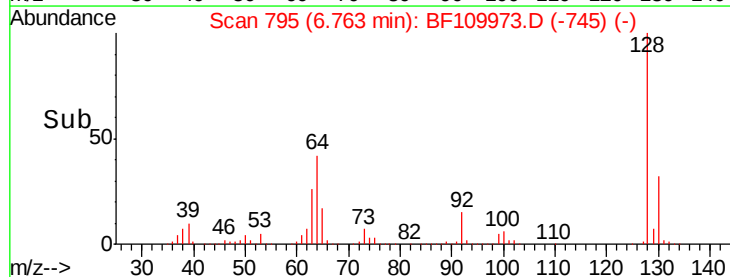
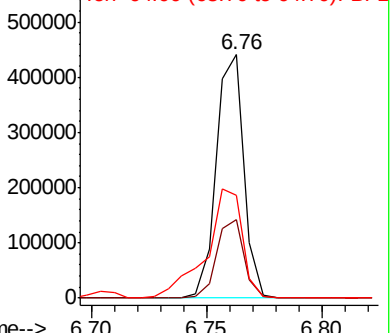
128 100

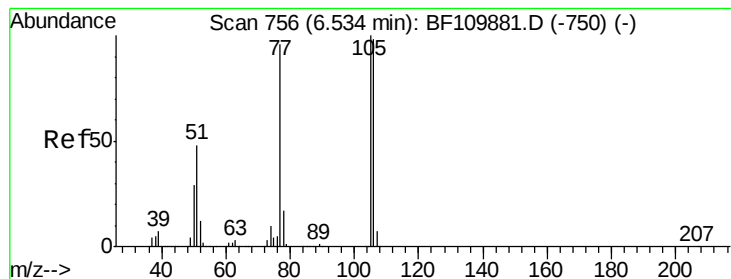
130 32.2 13.1 53.1

64 42.2 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.310 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampled :

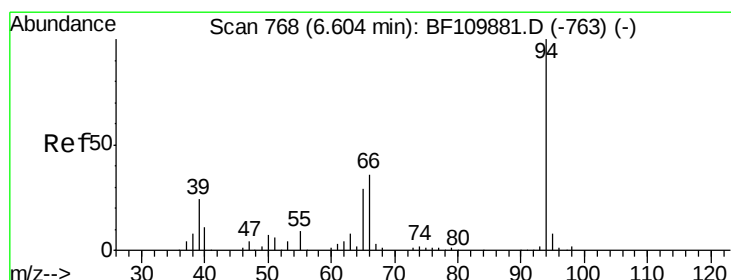
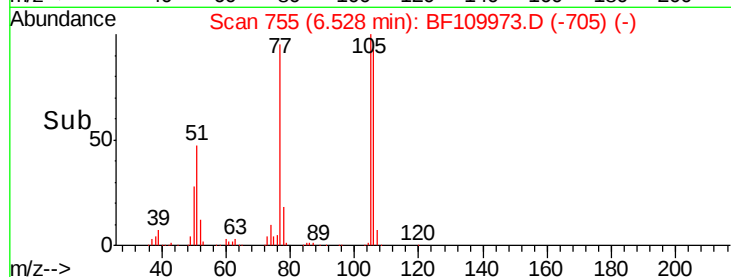
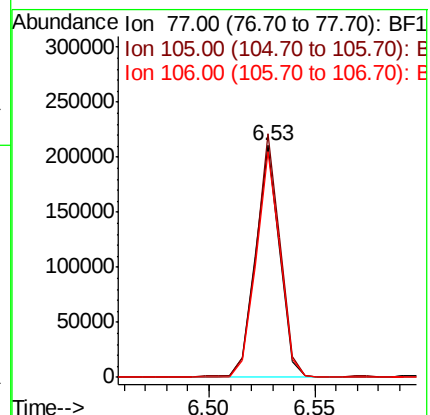
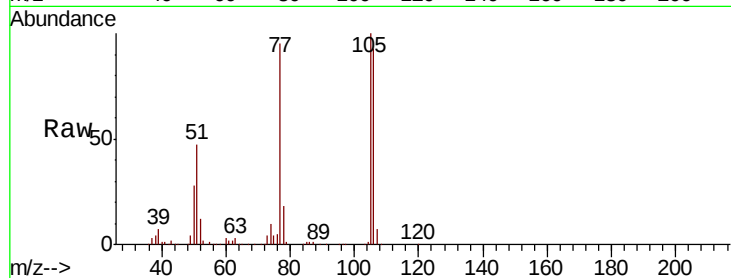
Tot Ion: 77 Resp: 166918

Ion Ratio Lower Upper

77 100

105 105.0 78.6 118.6

106 97.3 74.8 114.8



#10

Phenol

Concen: 13.779 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

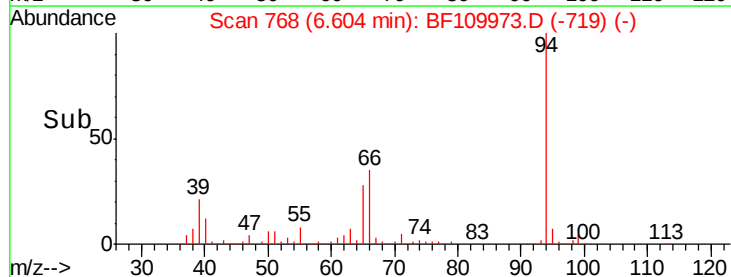
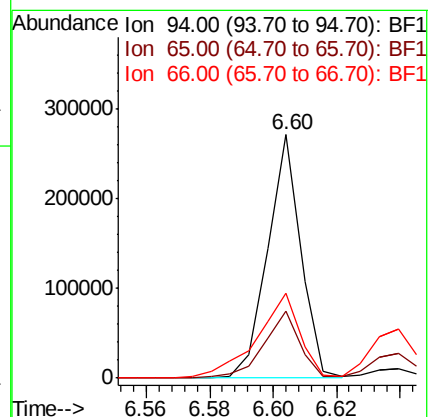
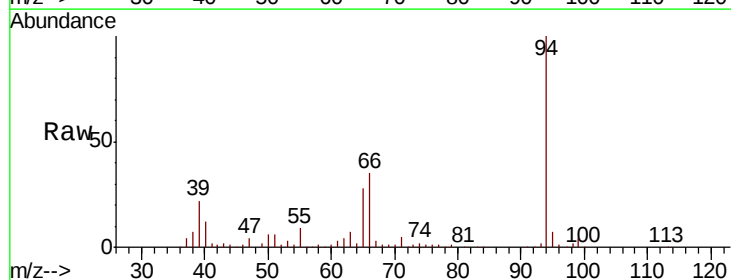
Tgt Ion: 94 Resp: 197887

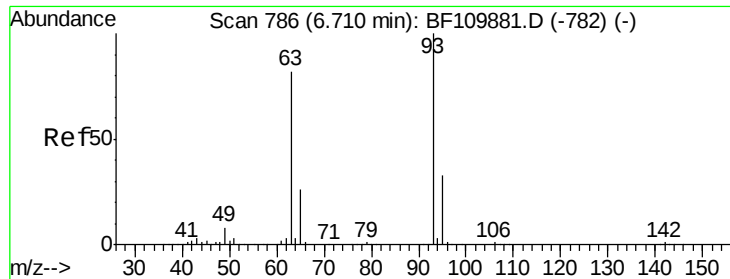
Ion Ratio Lower Upper

94 100

65 27.6 25.3 65.3

66 34.9 54.5 94.5#

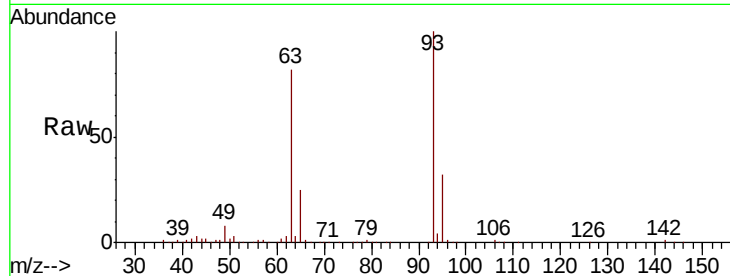




#11
 bis(2-Chloroethyl)ether
 Concen: 35.442 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.5	53.4	93.4
95	32.3	12.1	52.1

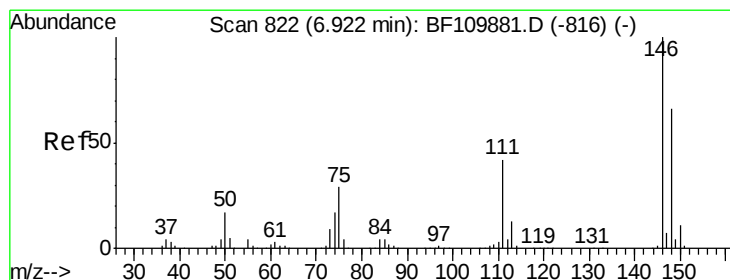
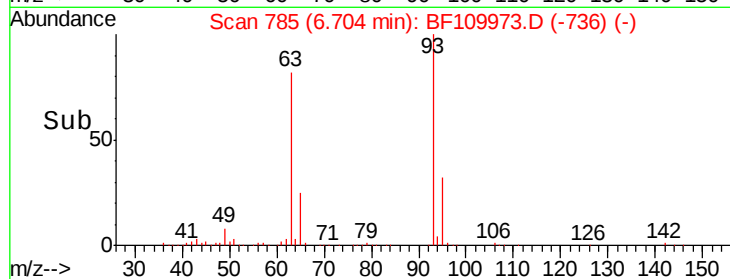
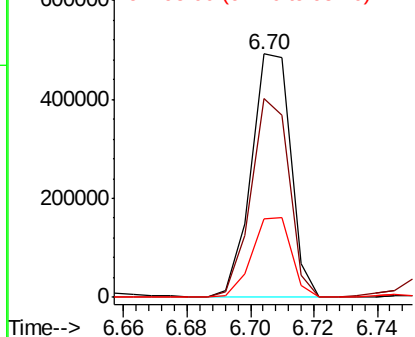


Abundance

Ion 93.00 (92.70 to 93.70): BF1

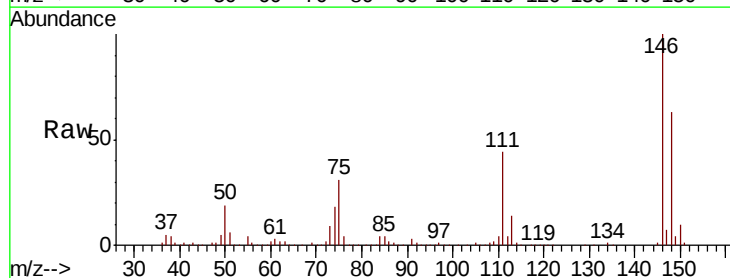
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
 1,3-Dichlorobenzene
 Concen: 36.992 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
75	30.9	25.8	38.6

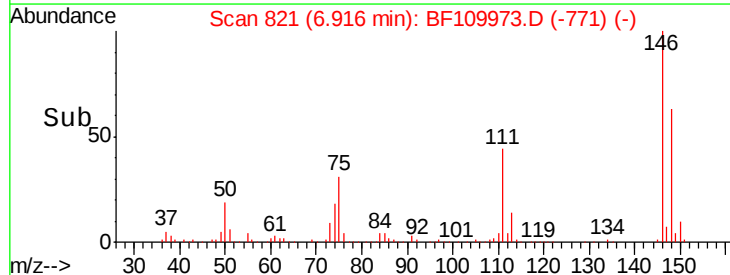
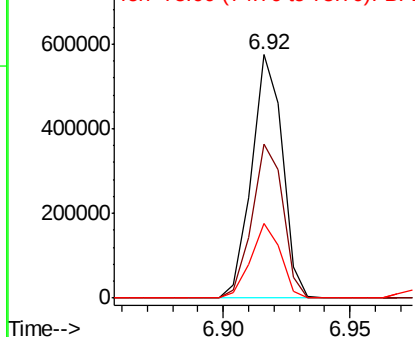


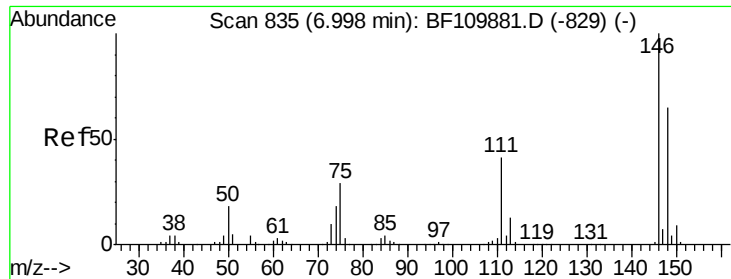
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

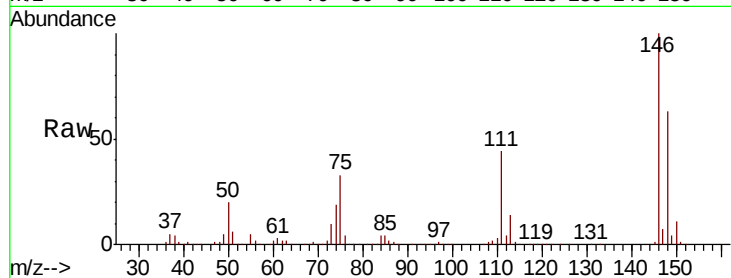




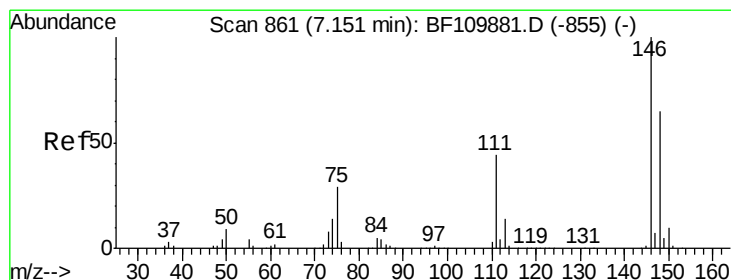
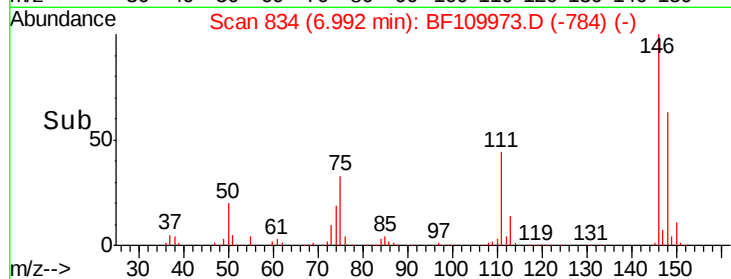
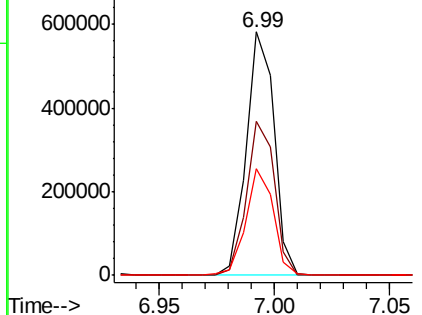
#13
 1,4-Dichlorobenzene
 Concen: 37.193 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.7	32.7	49.1

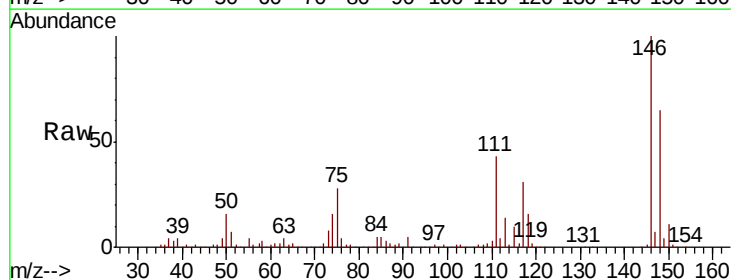


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

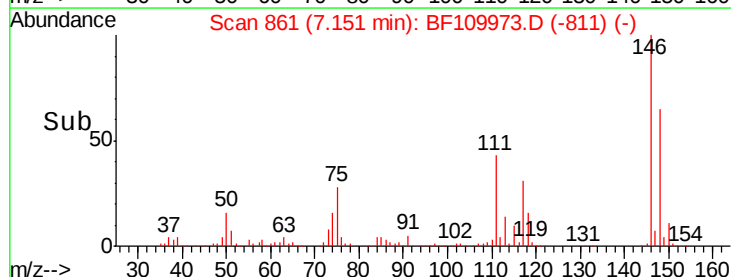
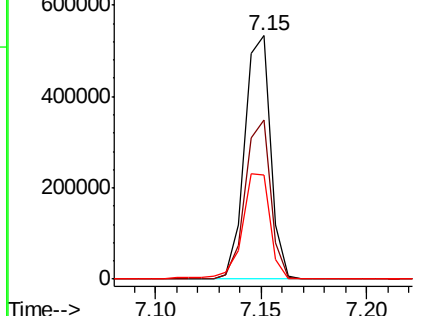


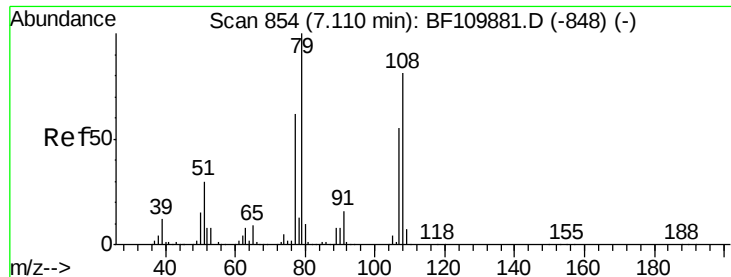
#14
 1,2-Dichlorobenzene
 Concen: 37.108 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	42.7	35.8	53.6



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





#15

Benzyl Alcohol

Concen: 20.429 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

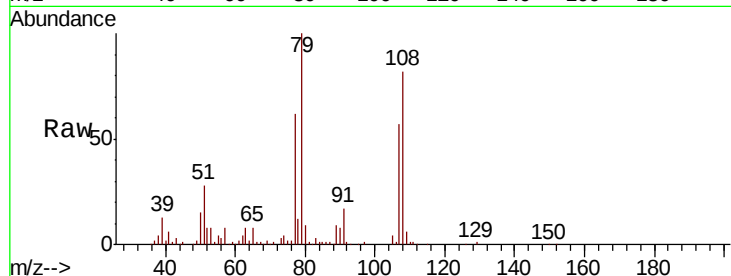
Tot Ion: 79 Resp: 209061

Ion Ratio Lower Upper

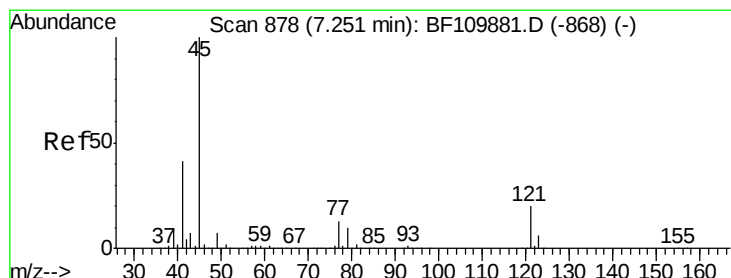
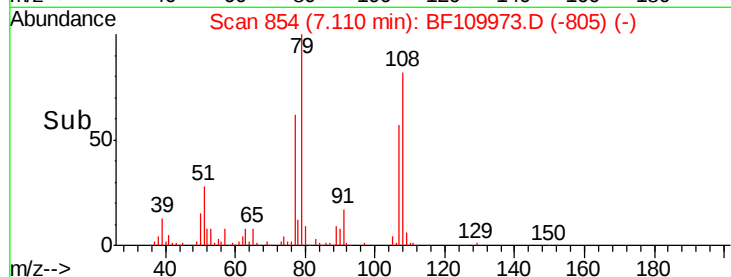
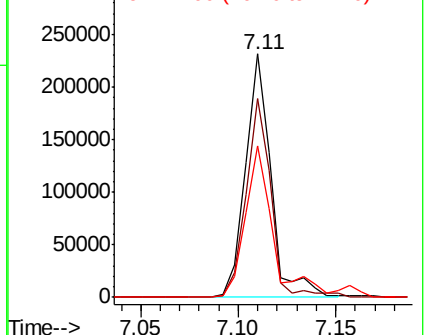
79 100

108 81.9 56.3 84.5

77 62.3 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.742 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

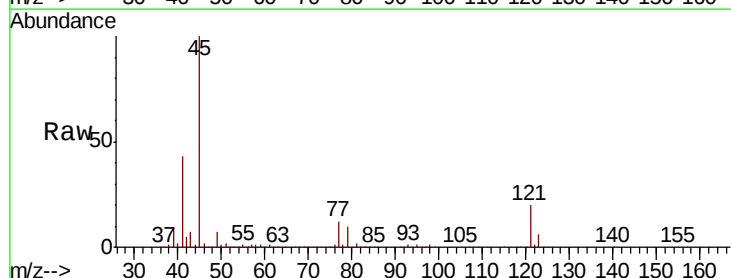
Tgt Ion: 45 Resp: 704449

Ion Ratio Lower Upper

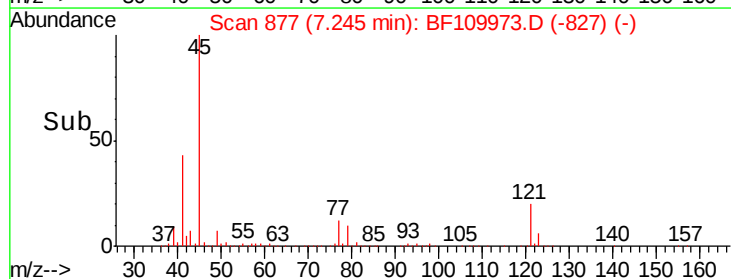
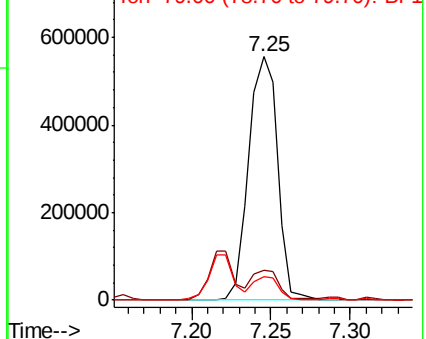
45 100

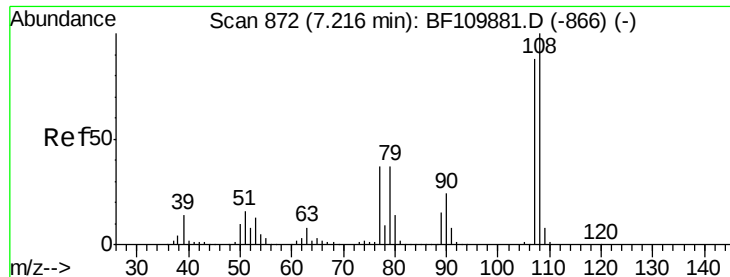
77 12.5 10.0 50.0

79 9.6 6.1 46.1



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

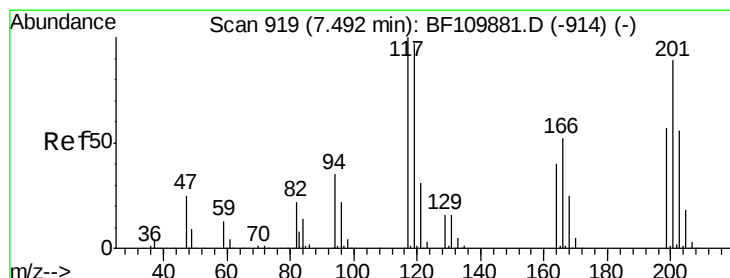
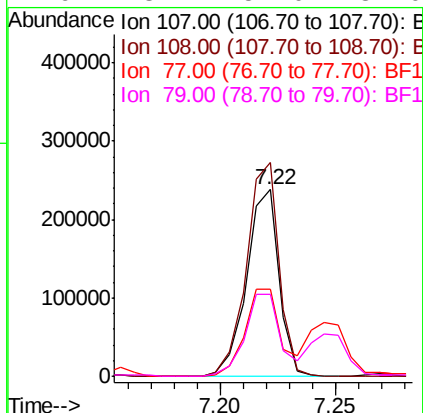
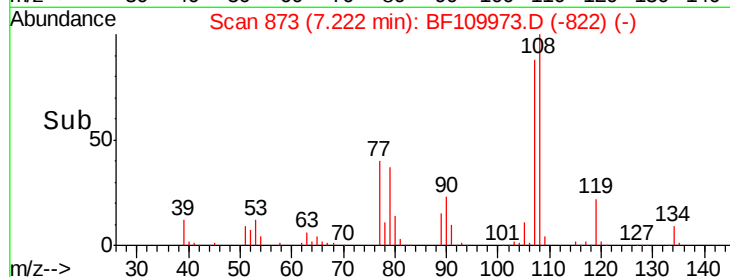
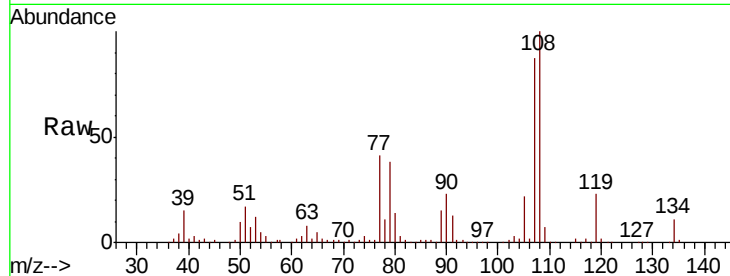




#17
2-Methylphenol
Concen: 24.245 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

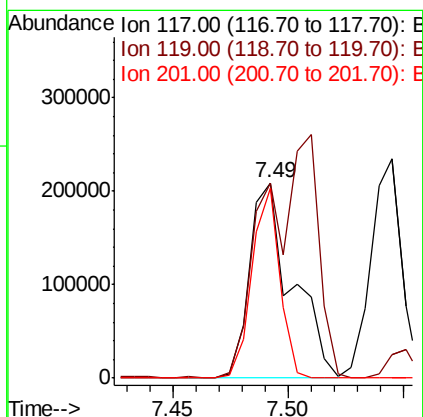
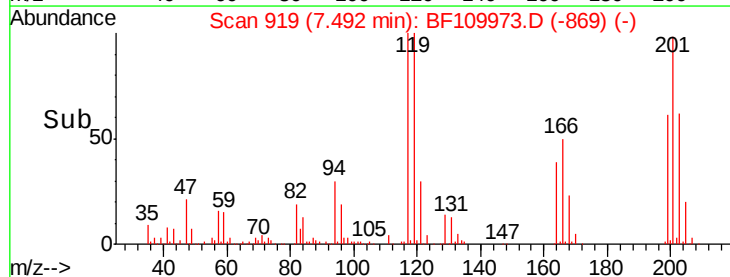
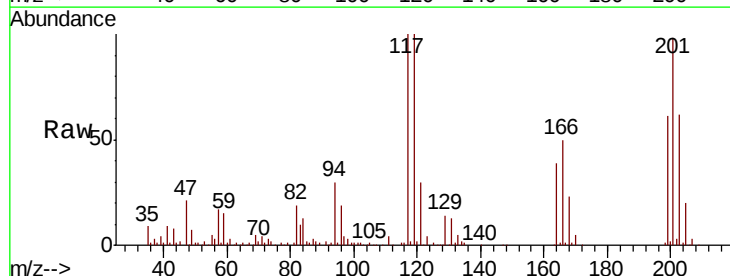
Instrument :
BNA_F
ClientSampleId :

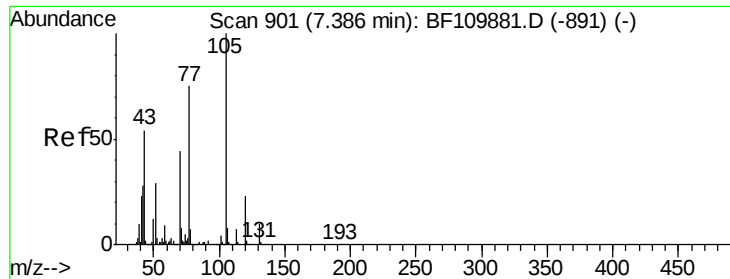
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.6	138.8
77	46.8	59.4	89.2#
79	43.7	54.0	81.0#



#18
Hexachloroethane
Concen: 57.116 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.0	112.6
201	97.5	79.2	118.8

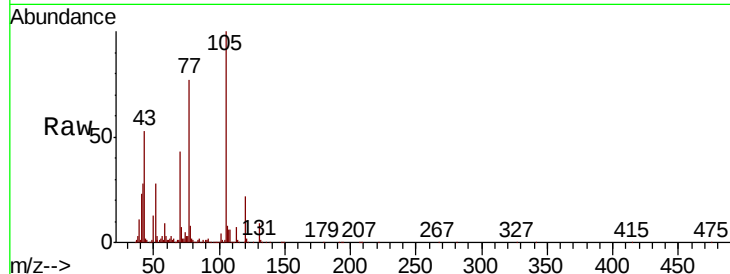




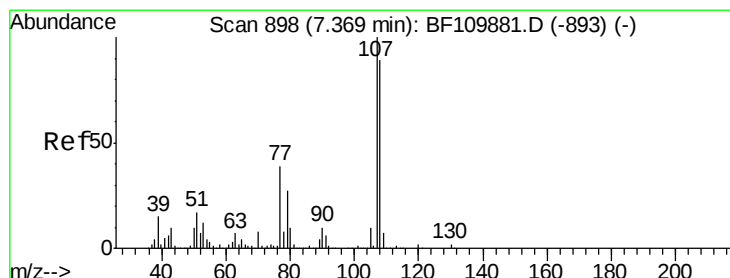
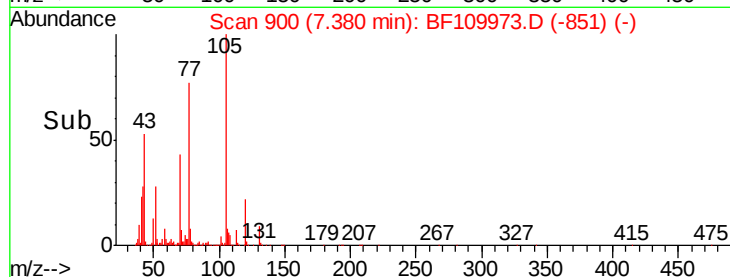
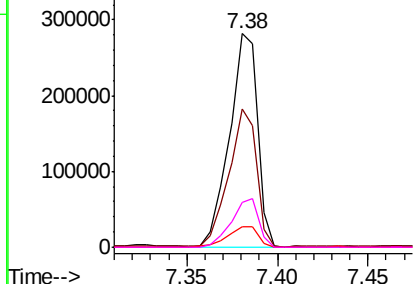
#19
n-Nitroso-di-n-propylamine
Concen: 35.469 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 302935
Ion Ratio Lower Upper
70 100
42 64.6 47.4 71.2
101 9.7 7.3 10.9
130 21.3 16.2 24.2

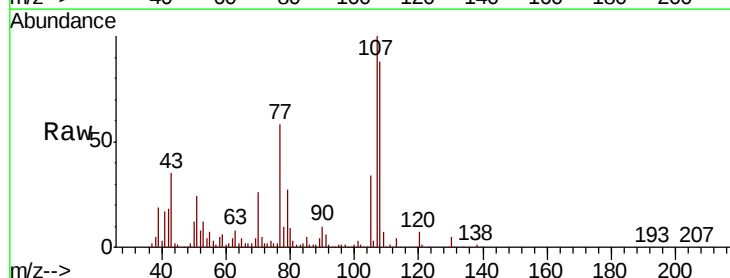


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

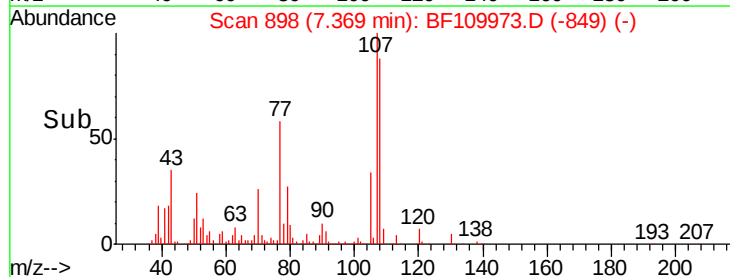
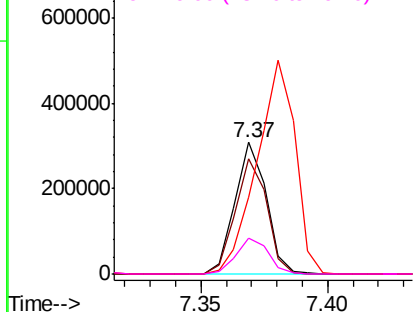


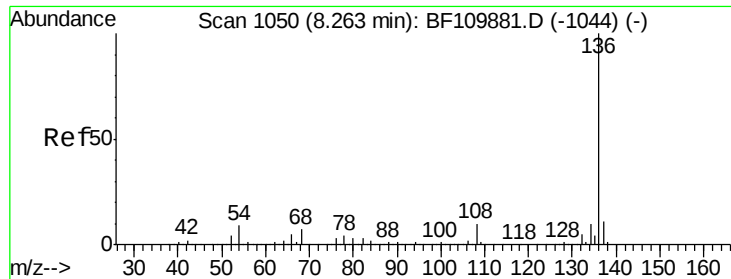
#20
3+4-Methylphenols
Concen: 21.561 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:107 Resp: 264734
Ion Ratio Lower Upper
107 100
108 87.9 71.4 111.4
77 58.0 47.3 87.3
79 27.0 10.9 50.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 620278

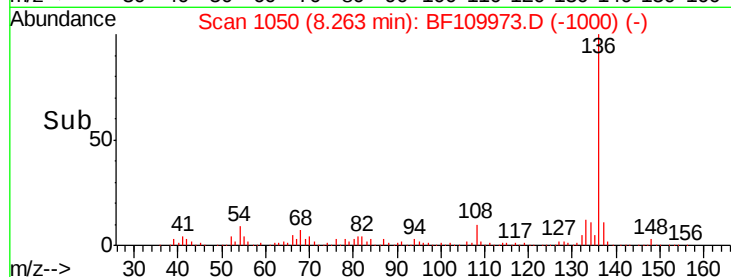
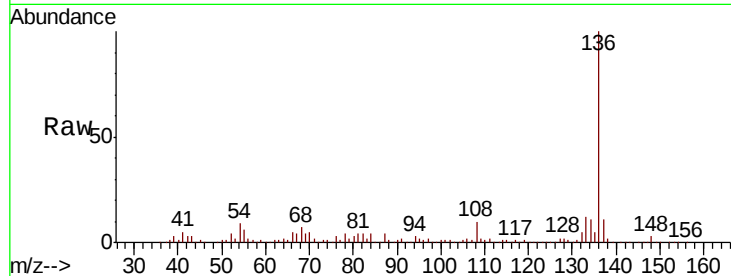
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.7 5.4 8.2#

68 6.8 4.2 6.2#

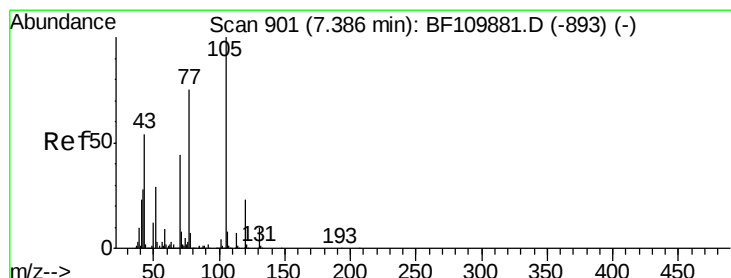
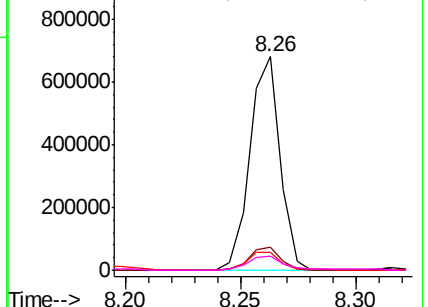


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.875 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:105 Resp: 602363

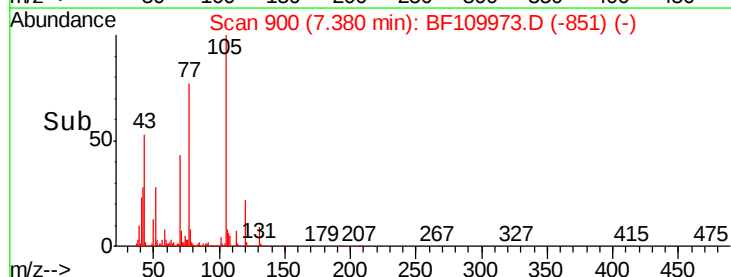
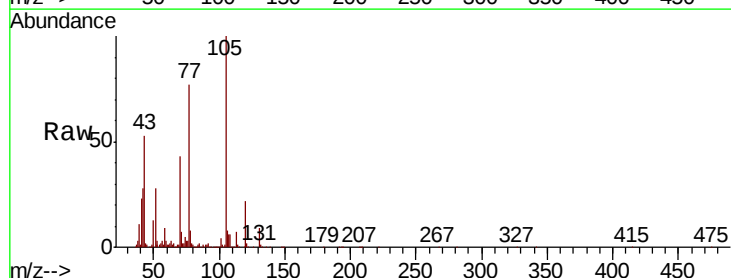
Ion Ratio Lower Upper

105 100

71 7.1 5.2 7.8

51 28.4 21.8 32.8

120 22.1 17.0 25.4

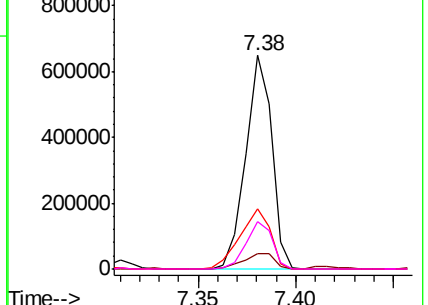


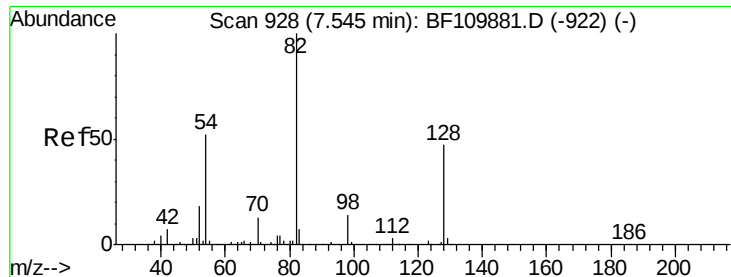
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

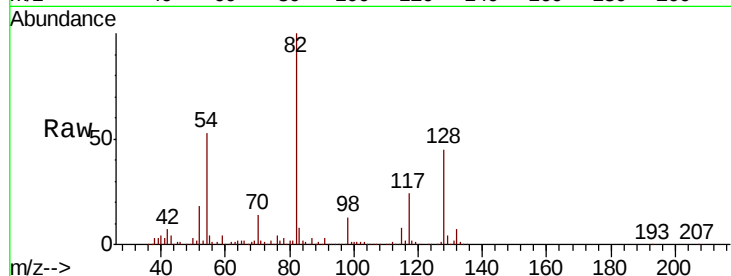




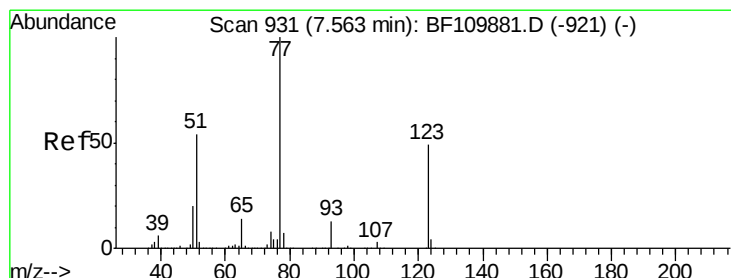
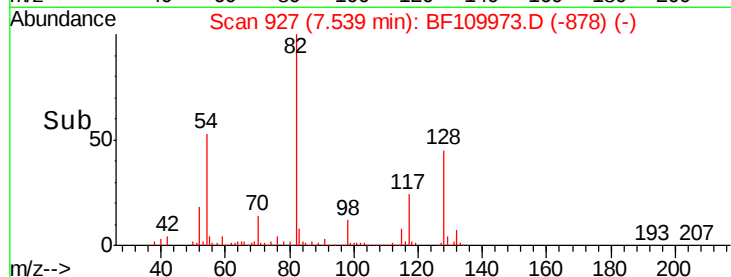
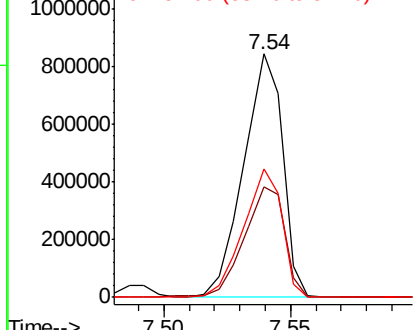
#23
Nitrobenzene-d5
Concen: 98.041 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	902753
Ion Ratio	100	Lower	Upper
128	45.4	34.2	51.2
54	52.9	38.6	58.0

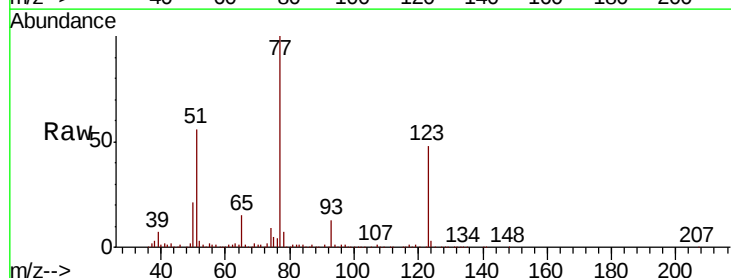


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

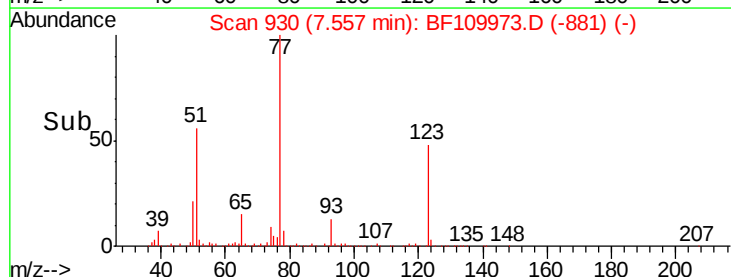
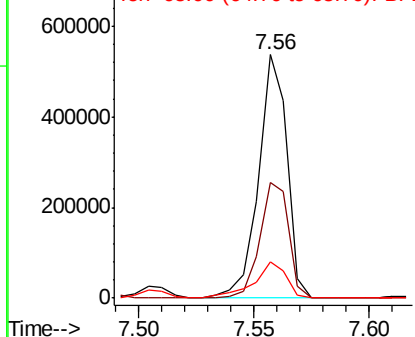


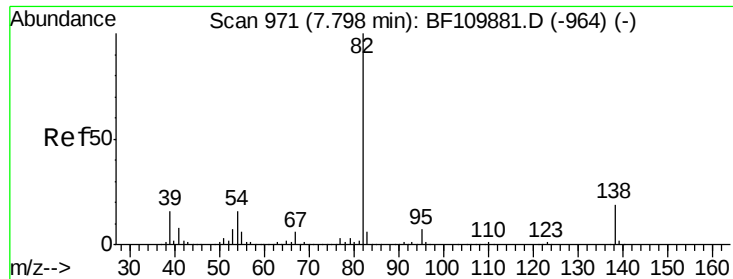
#24
Nitrobenzene
Concen: 45.972 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	77	Resp	459850
Ion Ratio	100	Lower	Upper
123	47.6	35.7	53.5
65	14.7	10.7	16.1



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

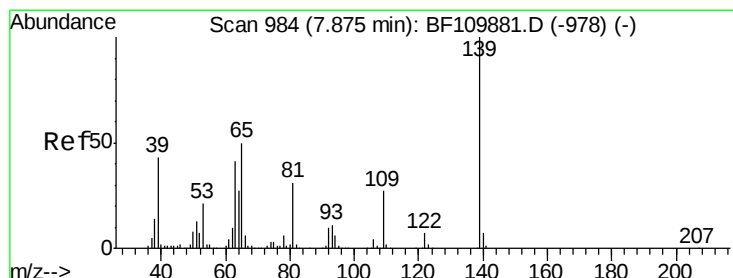
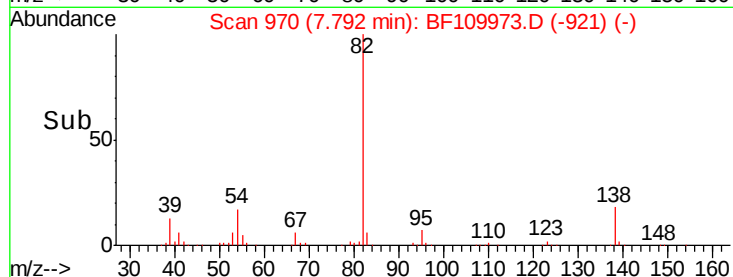
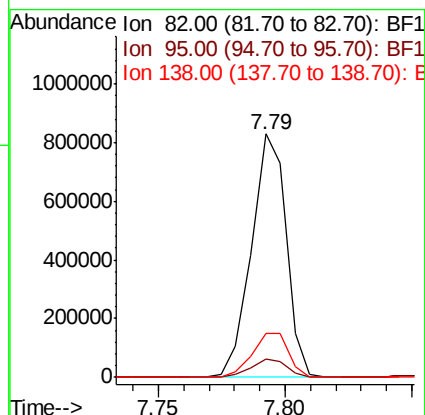
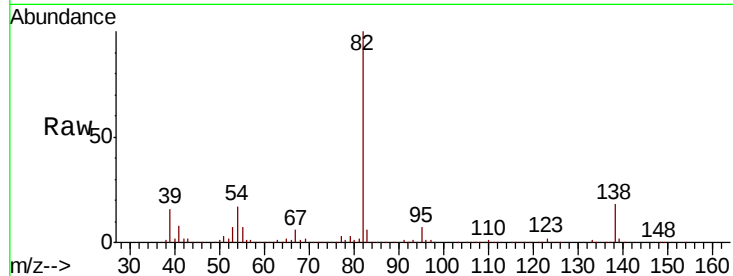




#25
Isophorone
Concen: 44.016 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

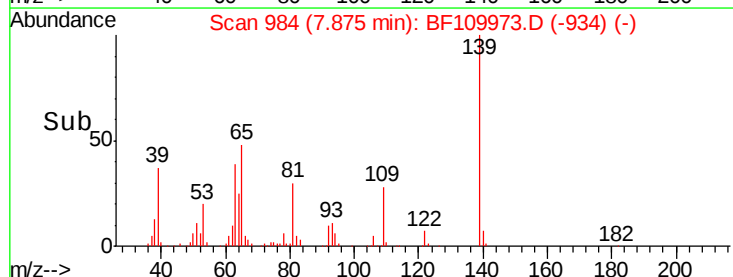
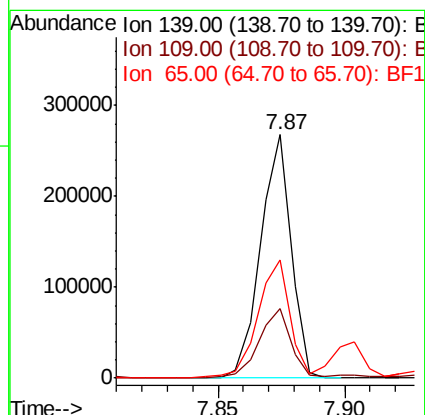
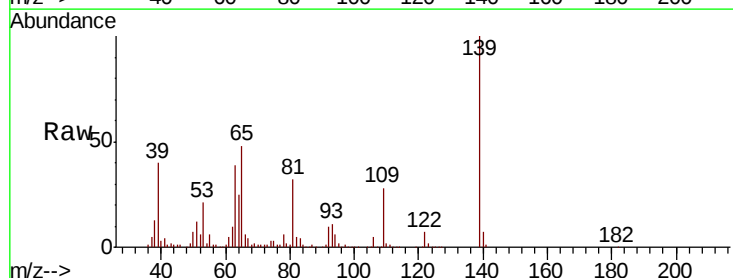
Instrument :
BNA_F
ClientSampled :

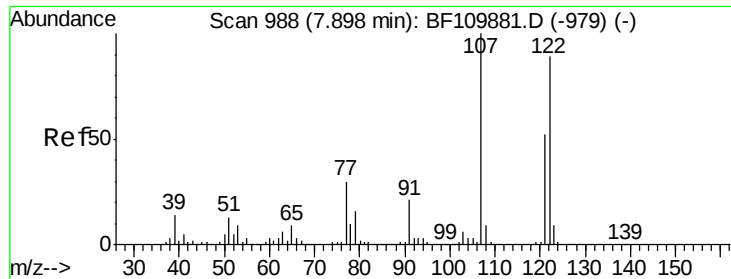
Tot Ion: 82 Resp: 796360
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.1 13.2 19.8



#26
2-Nitrophenol
Concen: 54.762 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion: 139 Resp: 227119
Ion Ratio Lower Upper
139 100
109 28.5 25.0 37.6
65 48.4 44.0 66.0

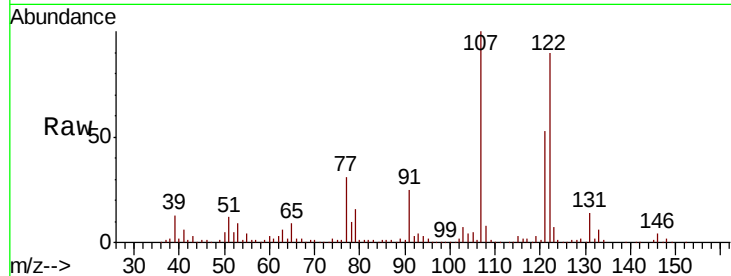




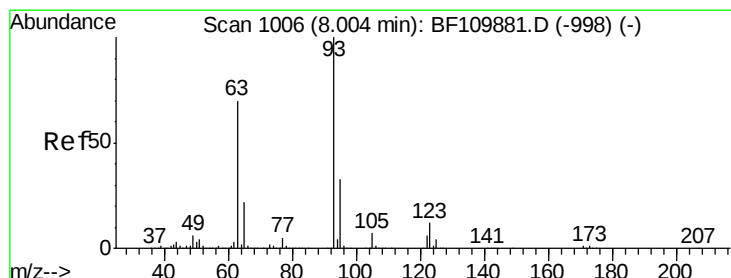
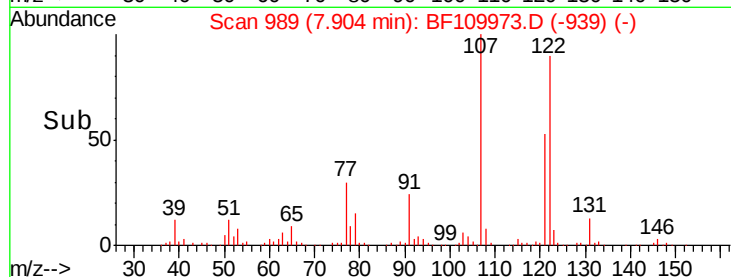
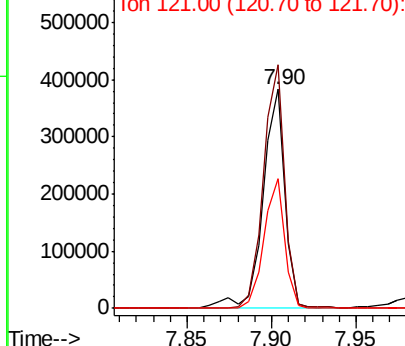
#27
2,4-Dimethylphenol
Concen: 39.733 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 346256
Ion Ratio Lower Upper
122 100
107 111.2 92.5 138.7
121 59.1 45.8 68.8

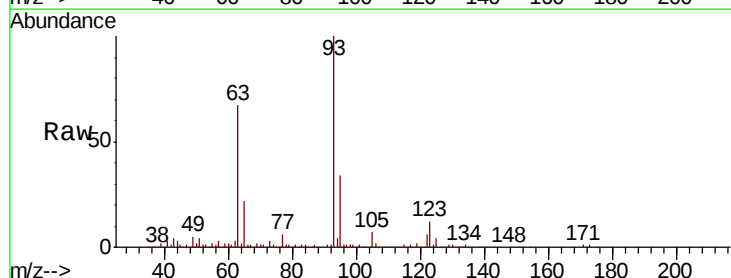


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

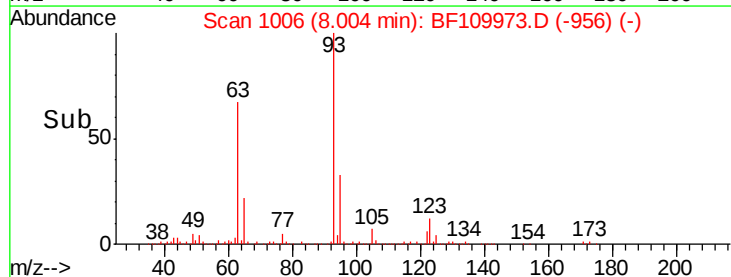
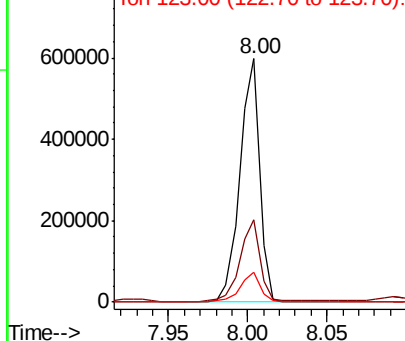


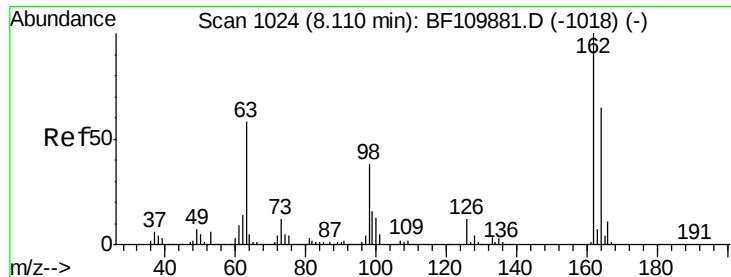
#28
bis(2-Chloroethoxy)methane
Concen: 41.357 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion: 93 Resp: 513516
Ion Ratio Lower Upper
93 100
95 33.8 26.4 39.6
123 12.3 9.0 13.6



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

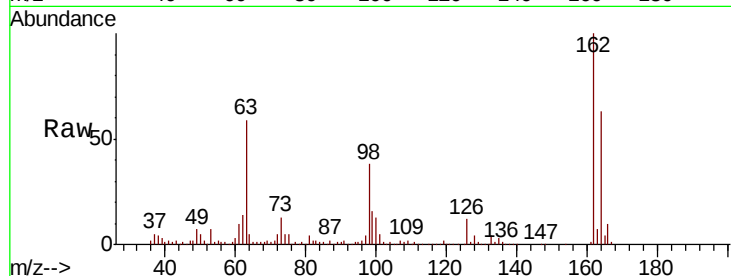




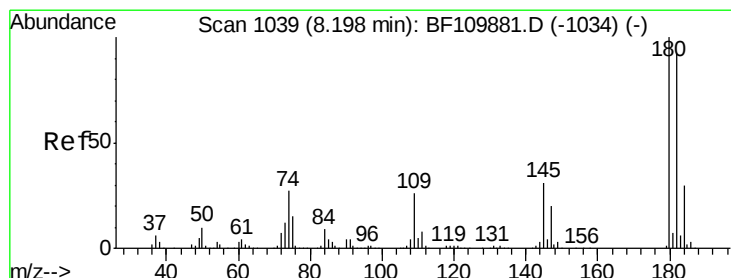
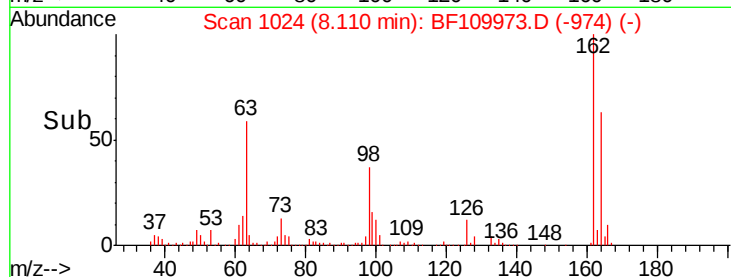
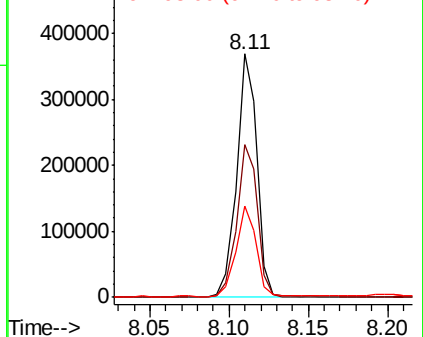
#29
 2,4-Dichlorophenol
 Concen: 38.904 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	37.6	17.4	57.4

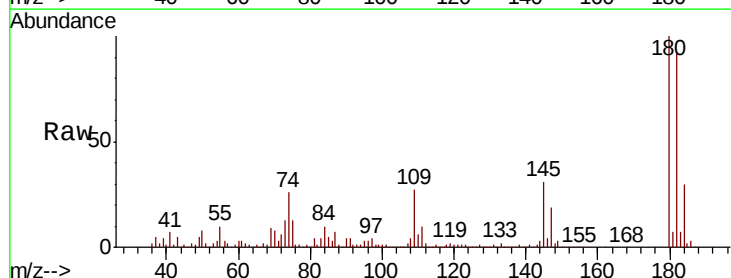


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

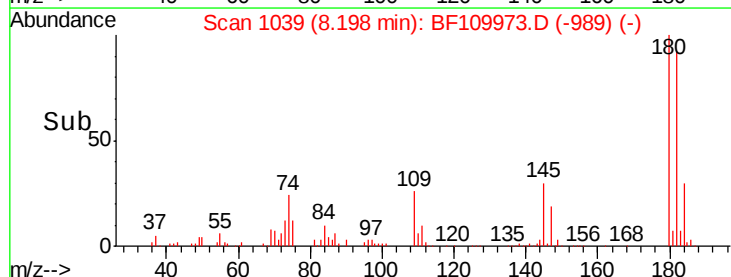
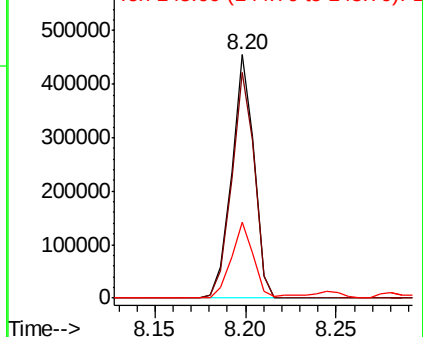


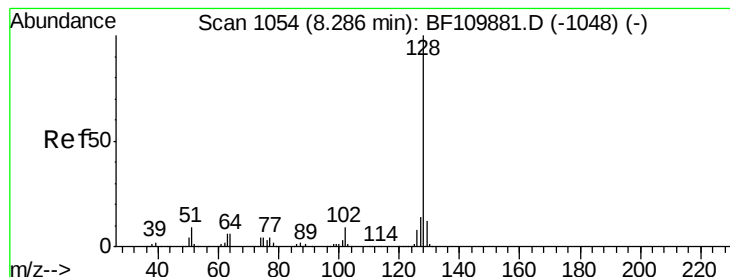
#30
 1,2,4-Trichlorobenzene
 Concen: 41.104 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	80.3	120.5
145	31.1	25.4	38.0



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





#31

Naphthalene

Concen: 49.638 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

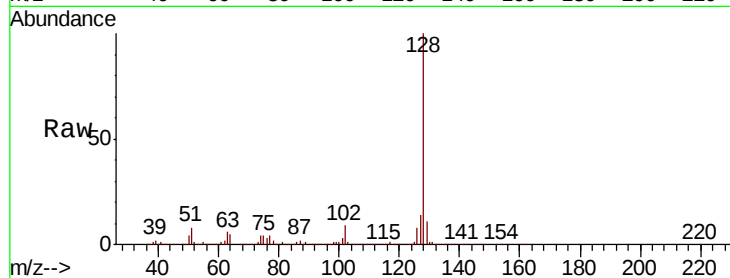
Tot Ion:128 Resp: 1411890

Ion Ratio Lower Upper

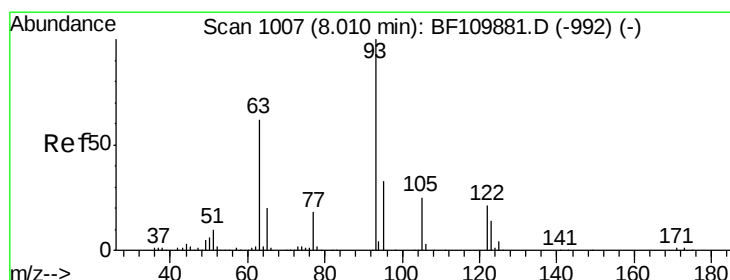
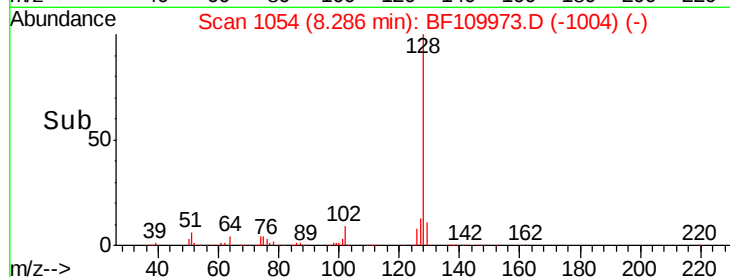
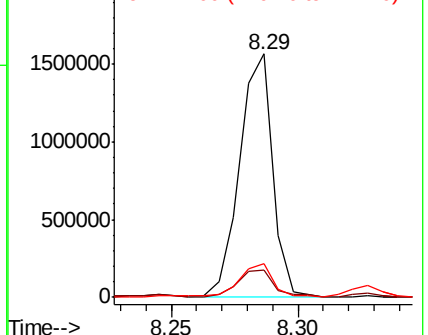
128 100

129 11.4 8.8 13.2

127 13.6 10.8 16.2



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



#32

Benzoic acid

Concen: 16.670 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

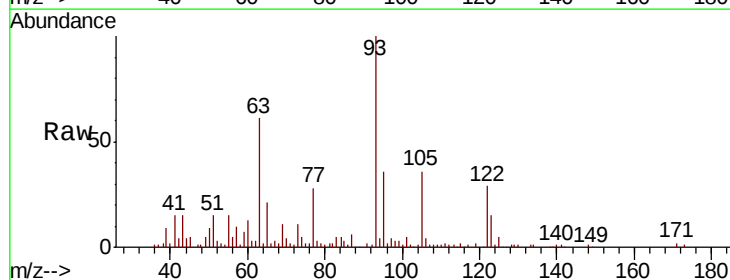
Tgt Ion:122 Resp: 90513

Ion Ratio Lower Upper

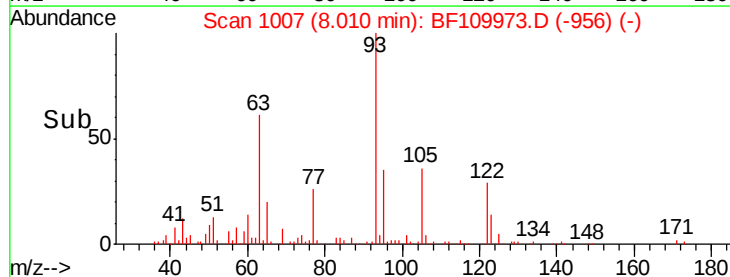
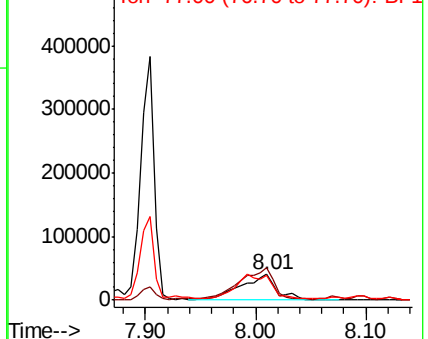
122 100

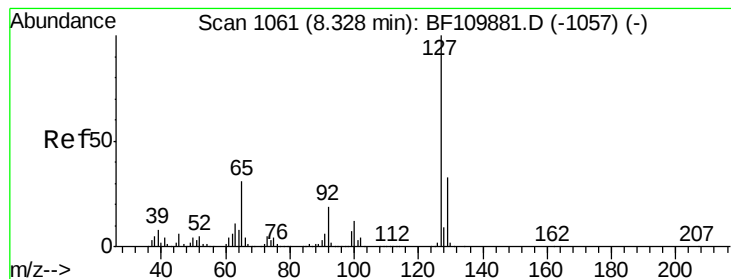
105 124.4 109.0 149.0

77 95.9 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 5.759 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 73629

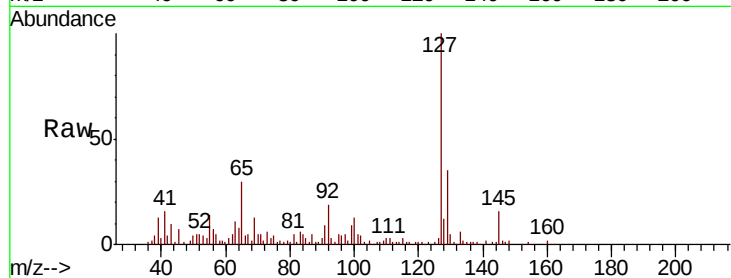
Ion Ratio Lower Upper

127 100

129 35.1 26.0 39.0

65 29.9 25.1 37.7

92 18.6 15.0 22.6

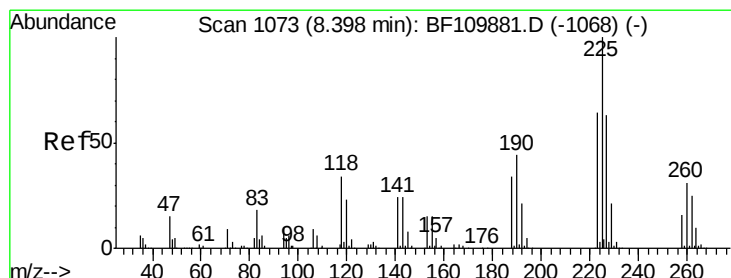
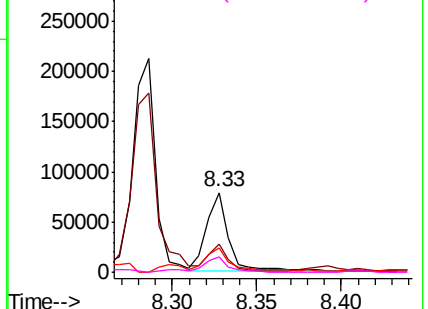
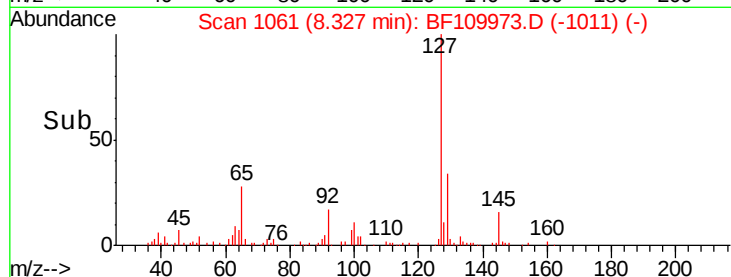


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.408 ng

RT: 8.39 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

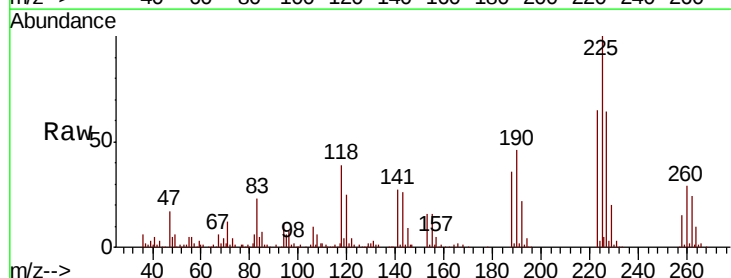
Tgt Ion:225 Resp: 216135

Ion Ratio Lower Upper

225 100

223 64.9 51.4 77.2

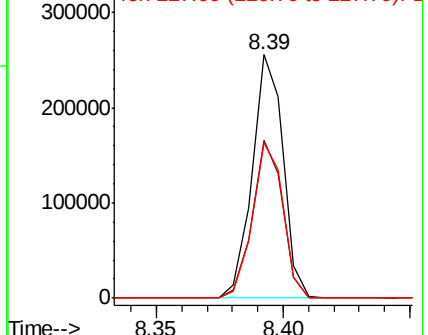
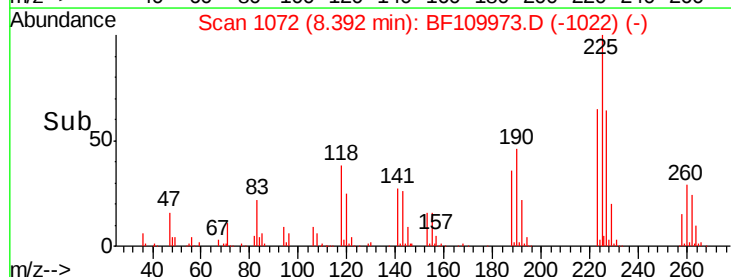
227 63.7 51.0 76.6

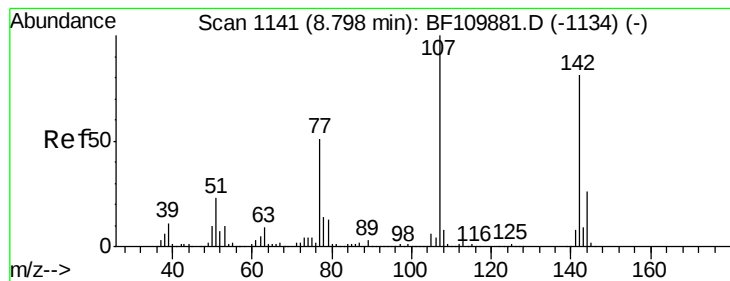


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#36

4-Chloro-3-methylphenol

Concen: 33.196 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

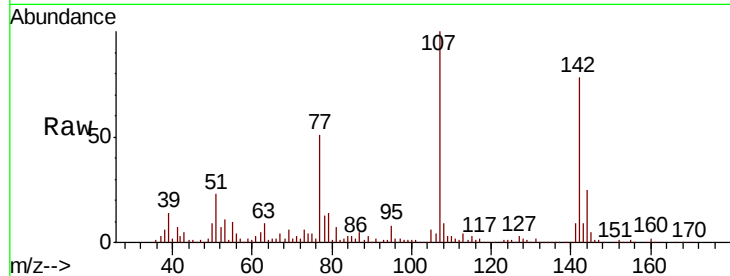
Tot Ion:107 Resp: 296052

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

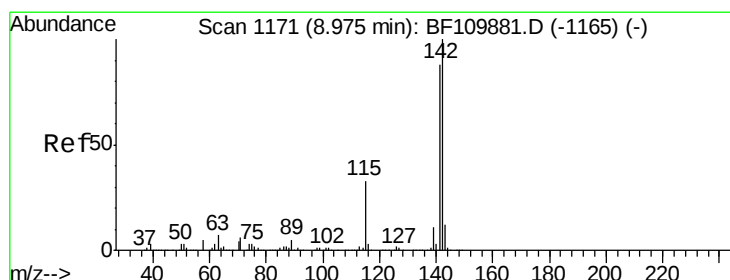
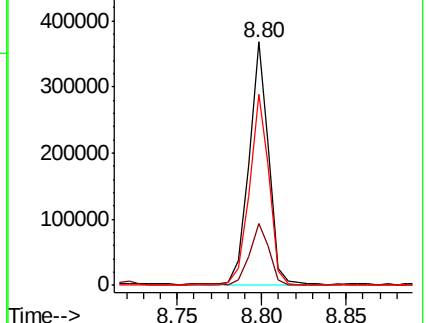
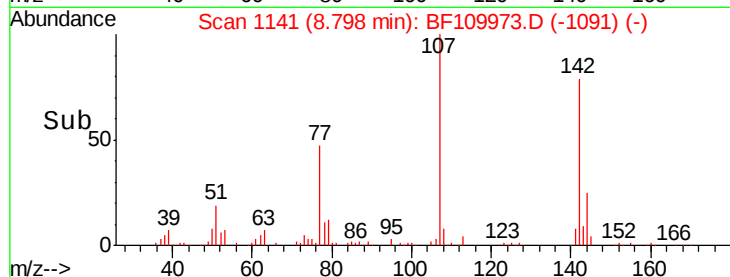
142 78.4 59.7 89.5



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: 55.448 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

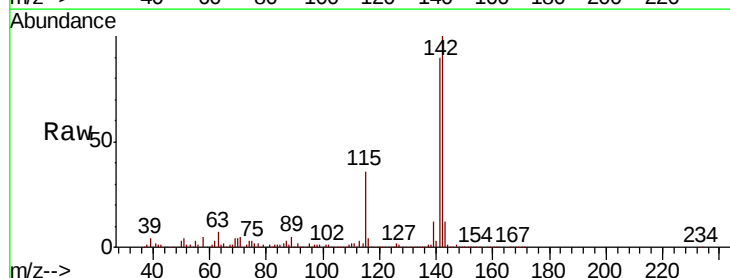
Tgt Ion:142 Resp: 1021254

Ion Ratio Lower Upper

142 100

141 90.1 71.4 107.2

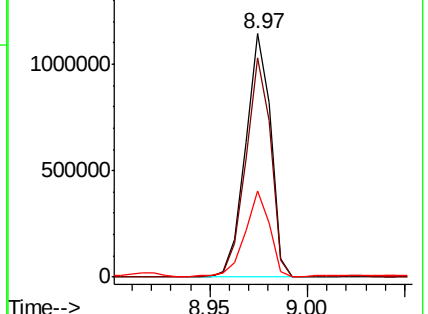
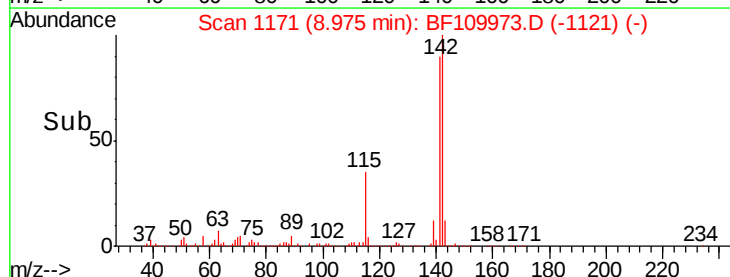
115 35.6 28.7 43.1

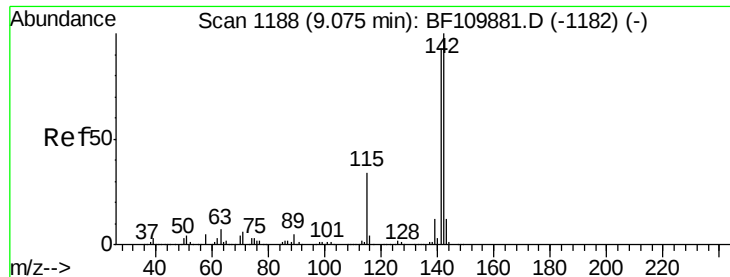


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

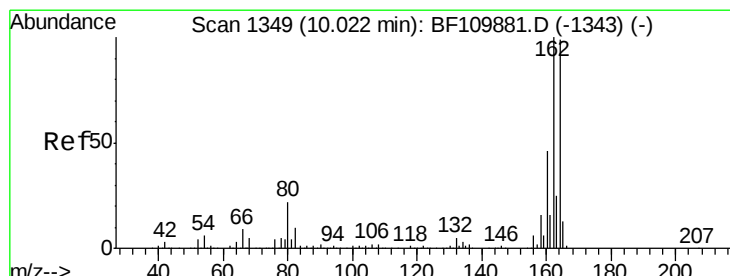
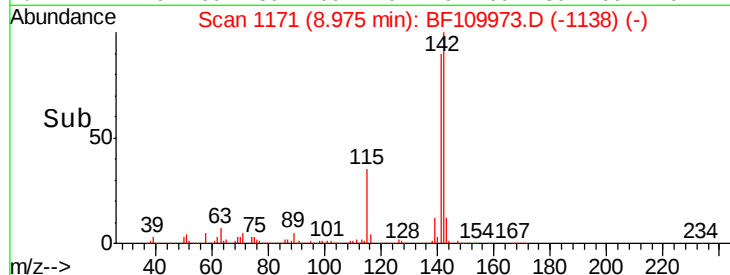
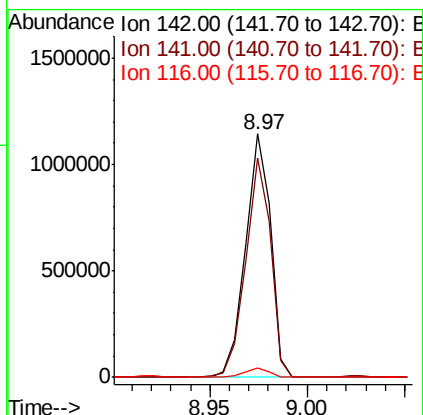
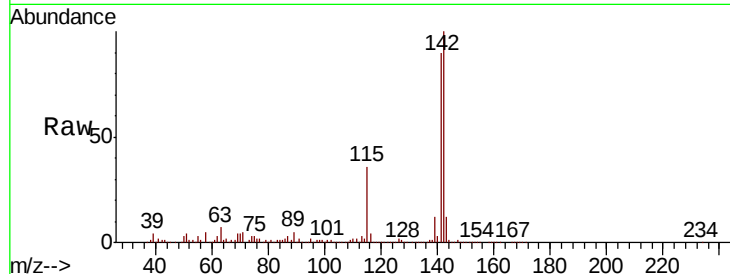




#38
 1-Methylnaphthalene
 Concen: 57.222 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.11 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

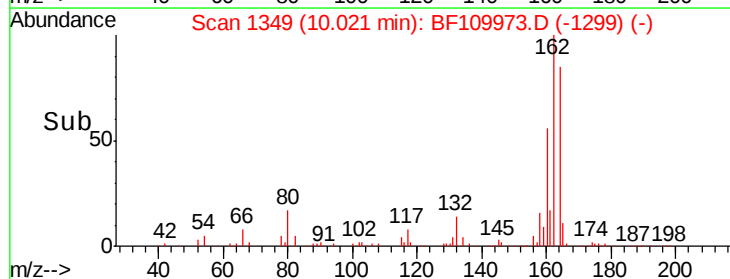
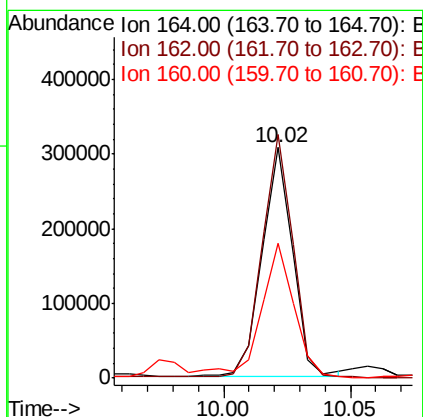
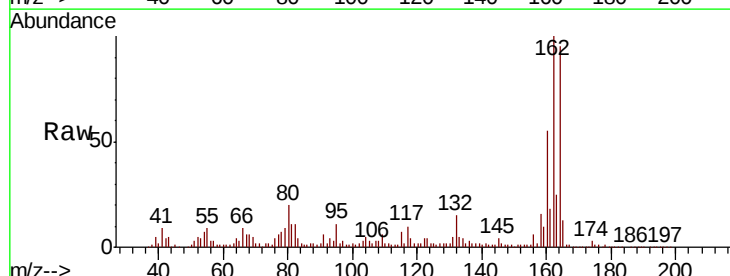
Instrument :
 BNA_F
 ClientSampleId :

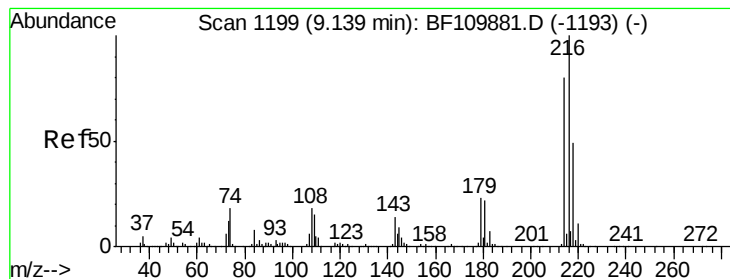
Tot Ion:142 Resp: 1021254
 Ion Ratio Lower Upper
 142 100
 141 90.1 74.2 111.4
 116 3.7 2.6 4.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:164 Resp: 259116
 Ion Ratio Lower Upper
 164 100
 162 105.6 83.0 124.6
 160 58.2 37.0 55.6#





#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.906 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF109973.D

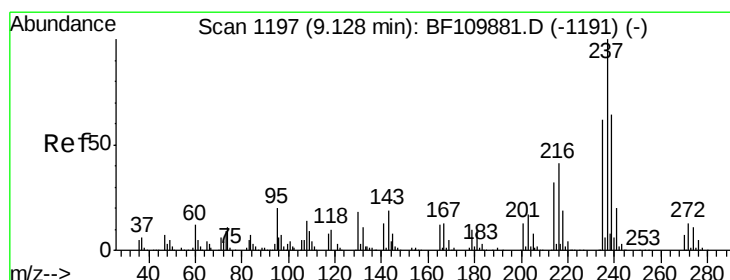
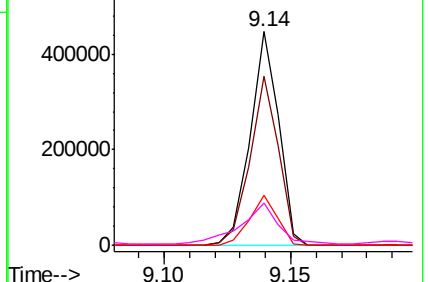
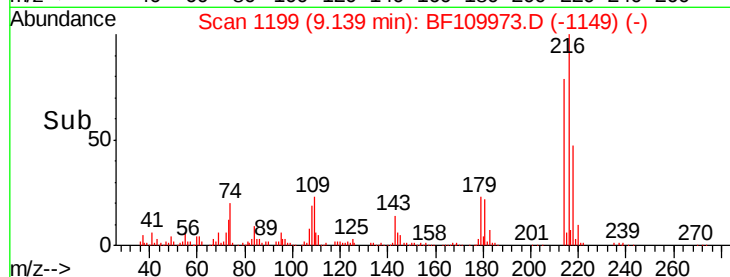
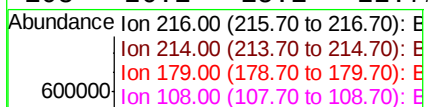
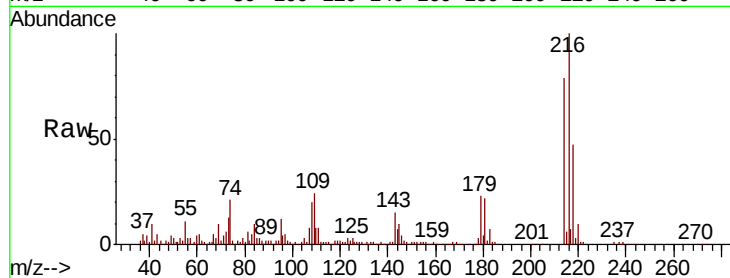
Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	350414
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.8	95.6
179	22.7	16.6	25.0
108	26.1	15.1	22.7#



#41

Hexachlorocyclopentadiene

Concen: 113.243 ng

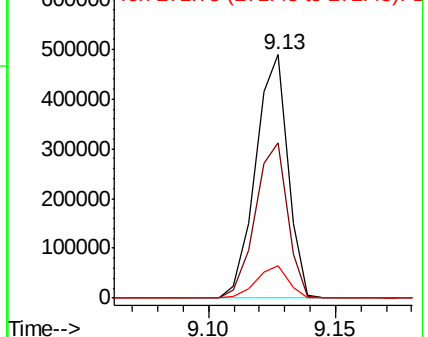
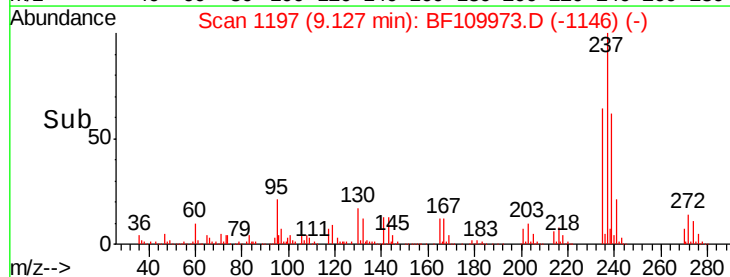
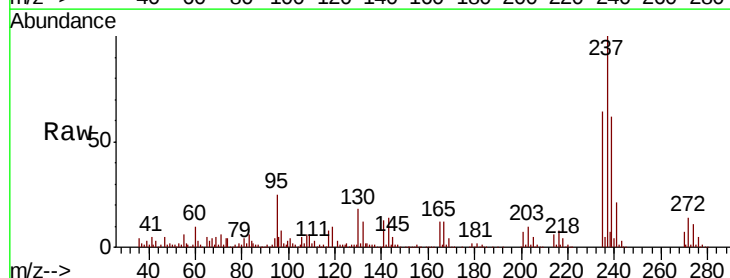
RT: 9.13 min Scan# 1197

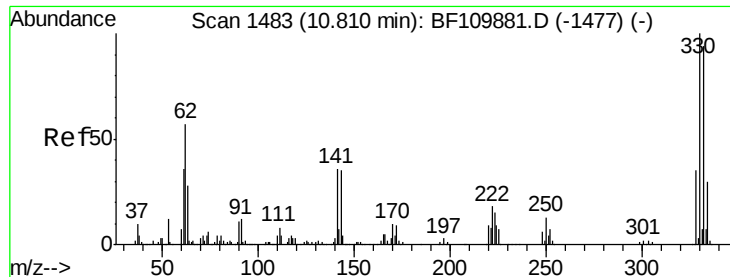
Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:	237	Resp:	436226
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.1	83.1
272	13.5	0.0	32.6

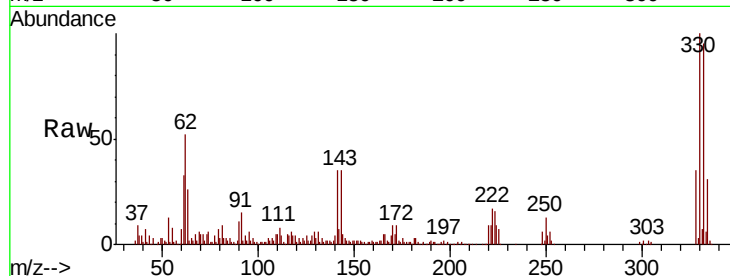




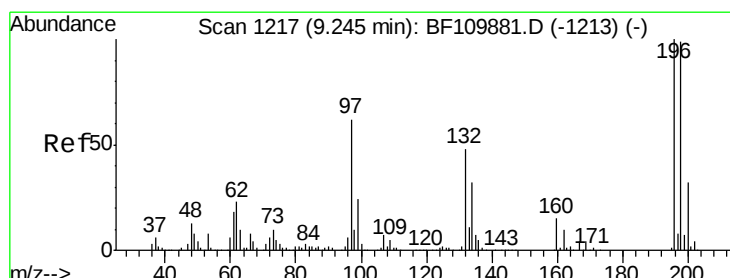
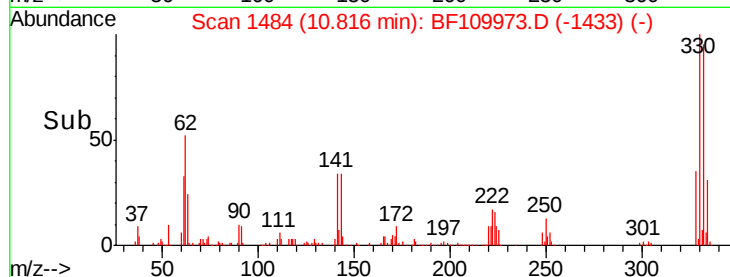
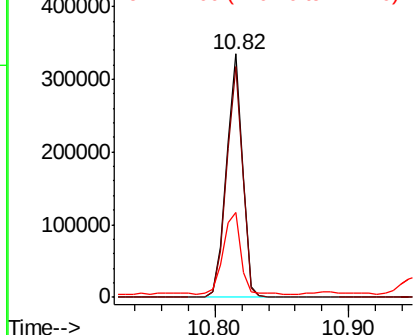
#42
 2,4,6-Tribromophenol
 Concen: 127.372 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	36.8	27.0	40.4

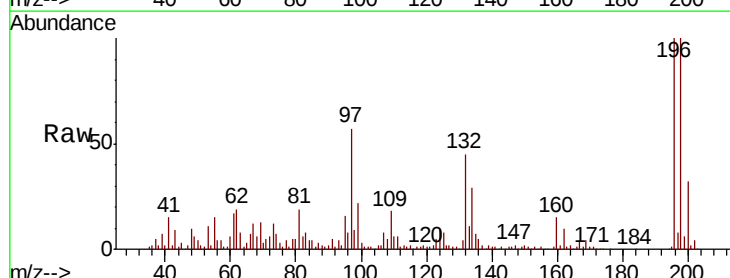


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

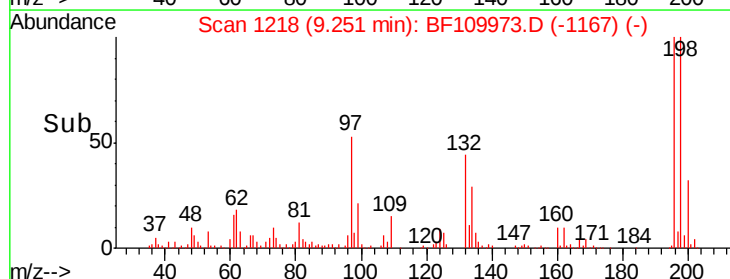
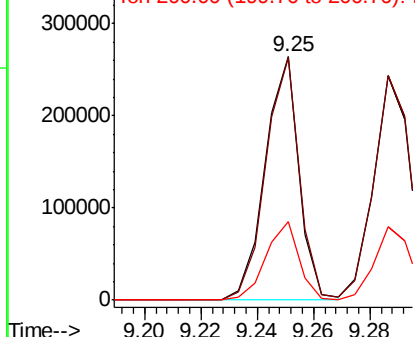


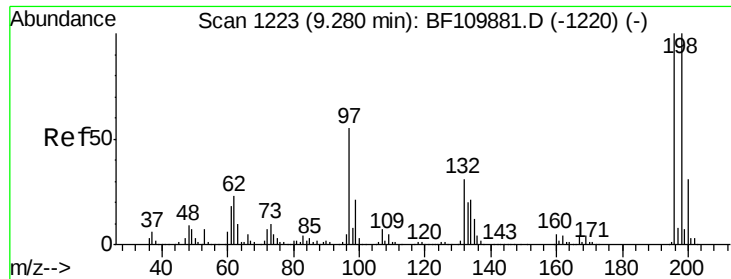
#43
 2,4,6-Trichlorophenol
 Concen: 43.996 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	76.2	114.4
200	32.1	24.4	36.6



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

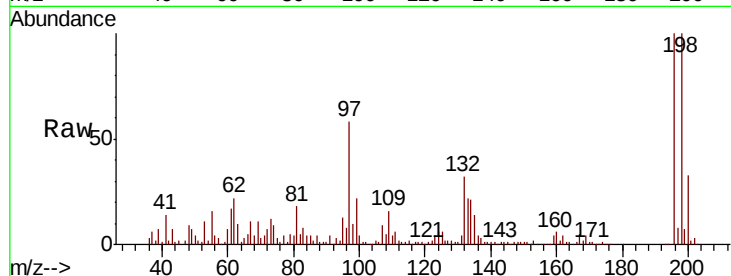




#44
 2,4,5-Trichlorophenol
 Concen: 42.726 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	221301
Ion	Ratio	Lower	Upper
196	100		
198	99.9	75.8	113.6
97	57.7	42.4	63.6
132	32.2	22.8	34.2



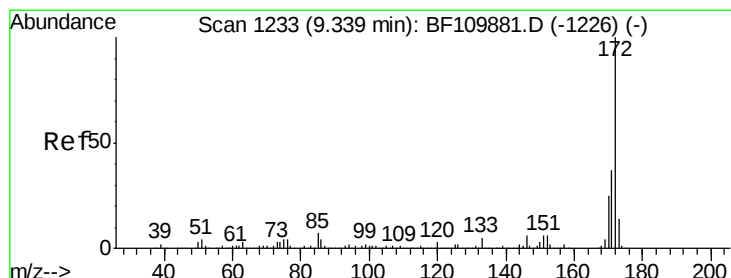
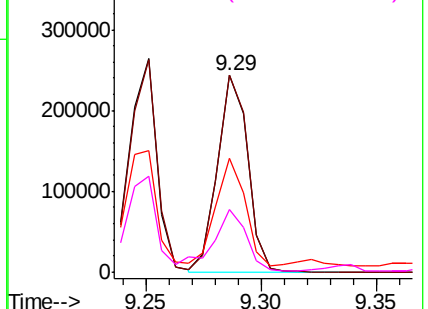
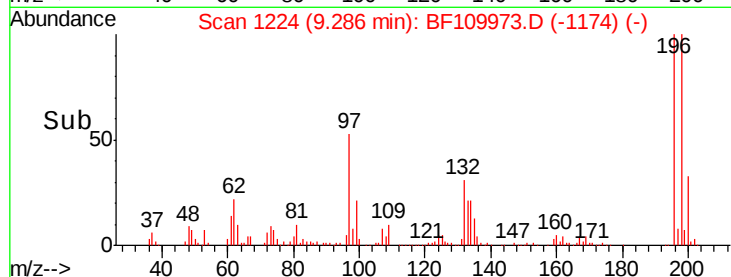
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

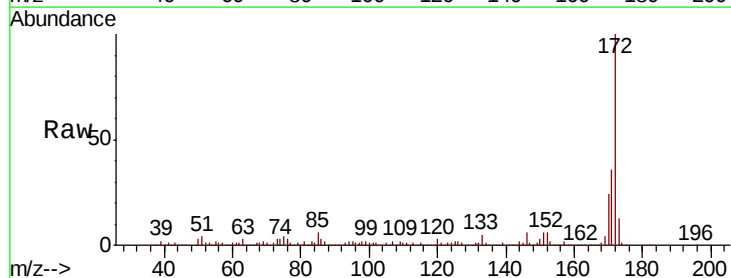
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.402 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:	172	Resp:	1516739
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.7	19.7	29.5

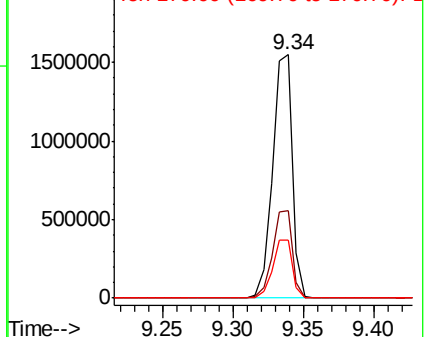
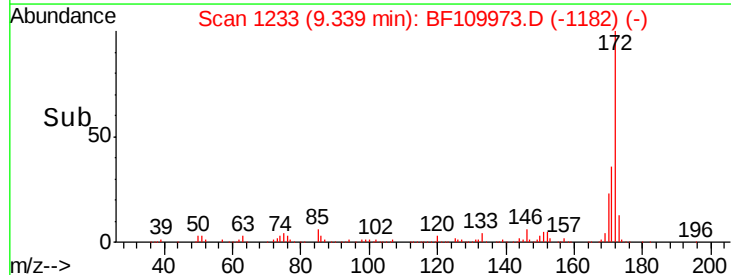


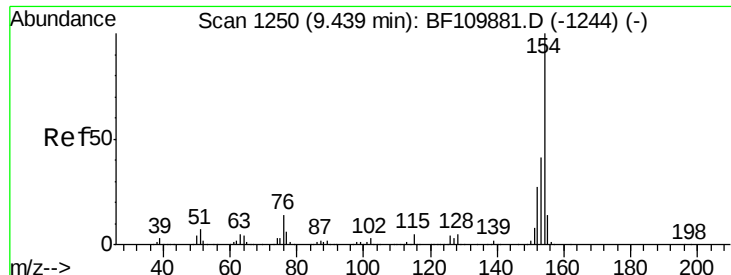
Abundance

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

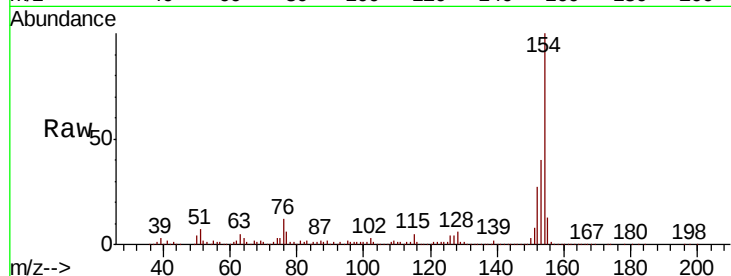




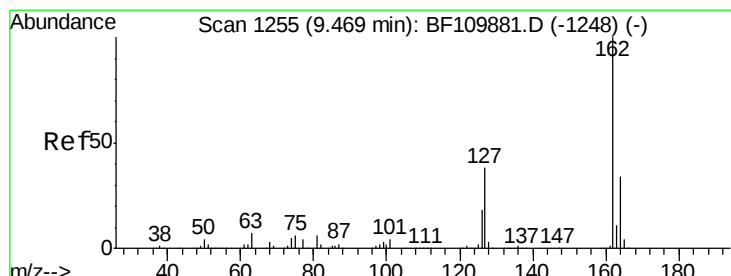
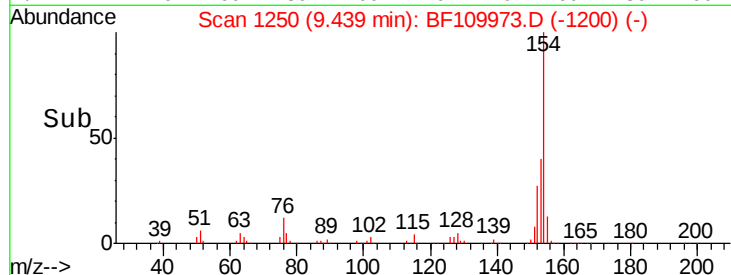
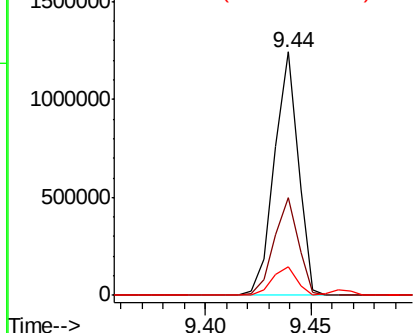
#46
 1,1'-Biphenyl
 Concen: 42.475 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	11.9	0.0	31.9

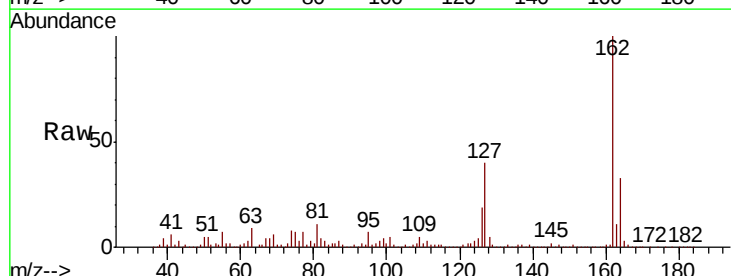


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

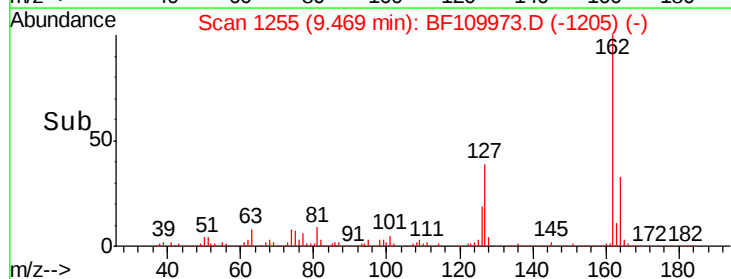
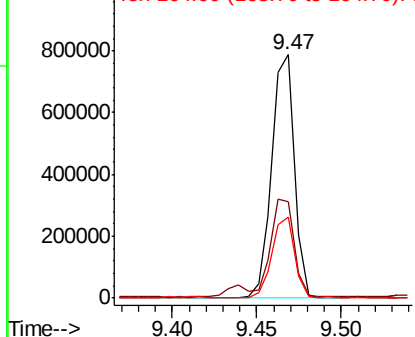


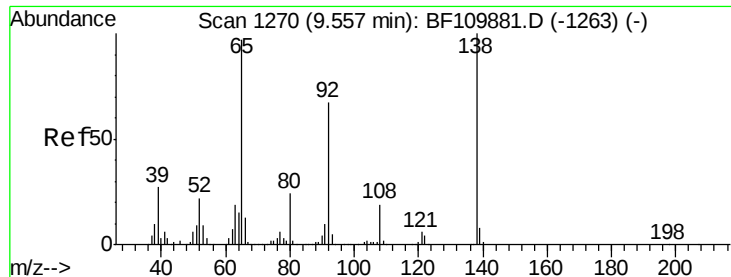
#47
 2-Chloronaphthalene
 Concen: 42.679 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	33.4	25.9	38.9



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

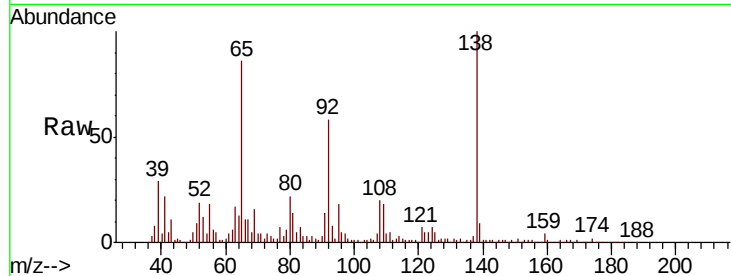




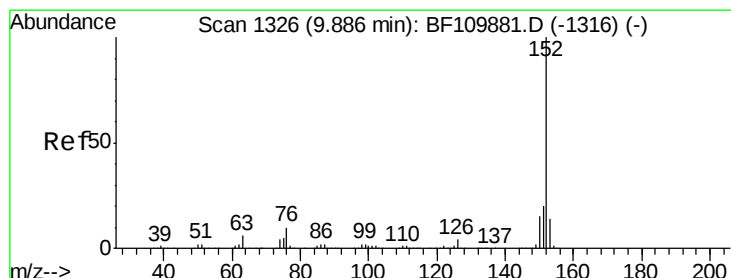
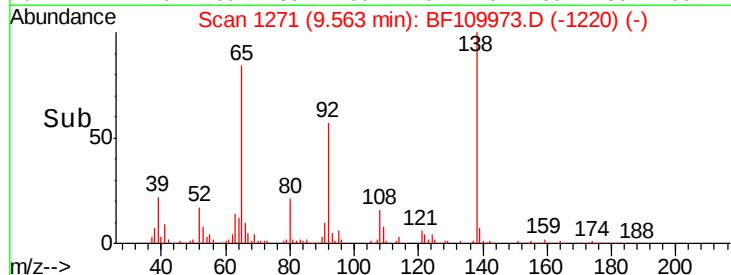
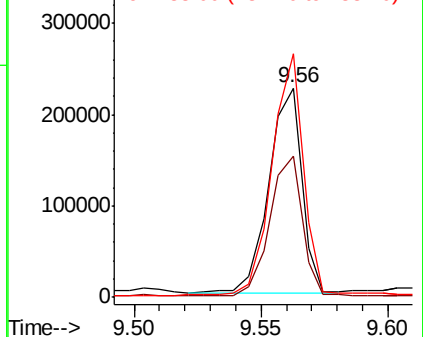
#48
2-Nitroaniline
Concen: 46.541 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 203106
Ion Ratio Lower Upper
65 100
92 67.1 54.6 81.8
138 116.1 80.3 120.5

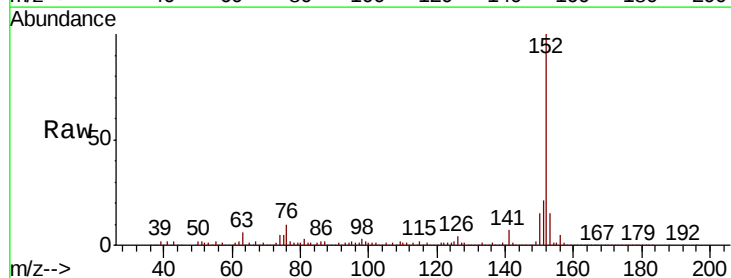


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

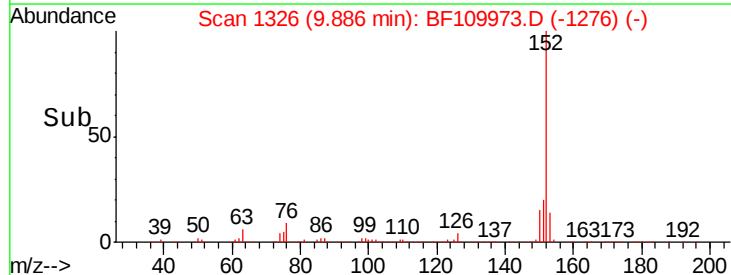
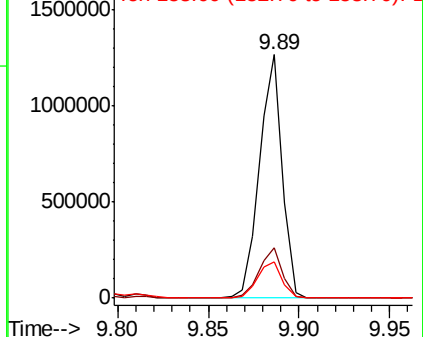


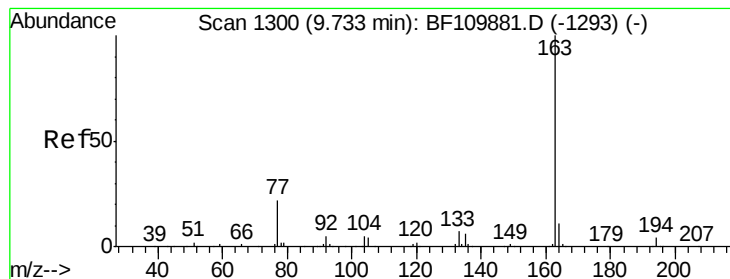
#49
Acenaphthylene
Concen: 44.437 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion: 152 Resp: 1097786
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.8
153 14.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#50

Dimethylphthalate

Concen: 43.183 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

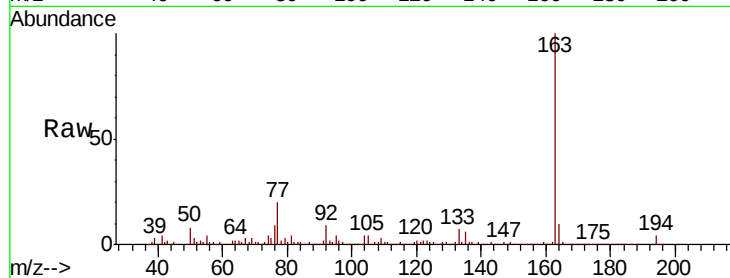
Tot Ion:163 Resp: 792304

Ion Ratio Lower Upper

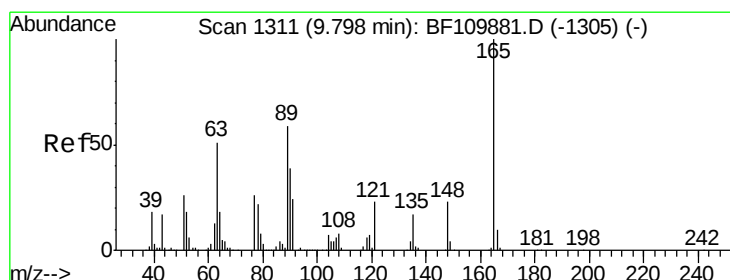
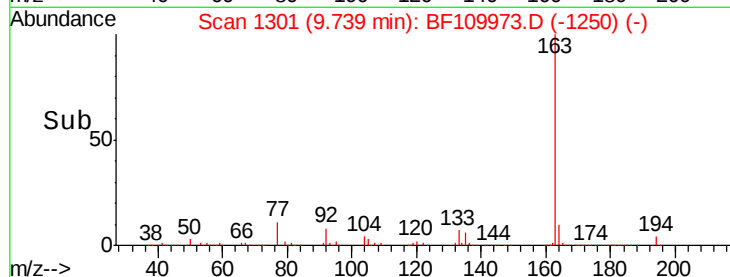
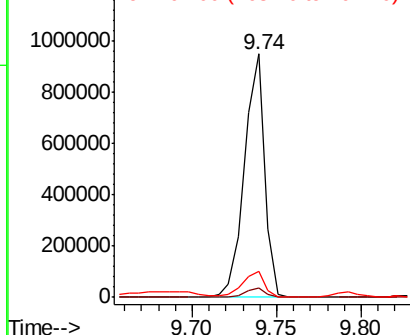
163 100

194 3.7 3.2 4.8

164 10.4 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 49.642 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

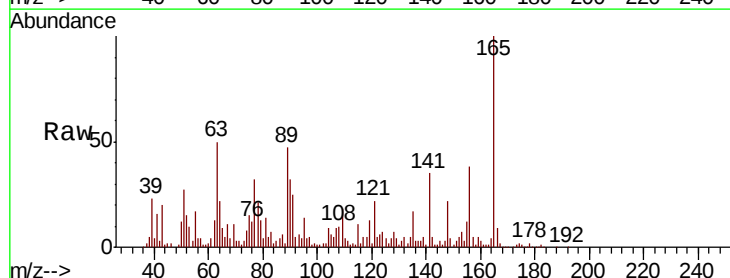
Tgt Ion:165 Resp: 172995

Ion Ratio Lower Upper

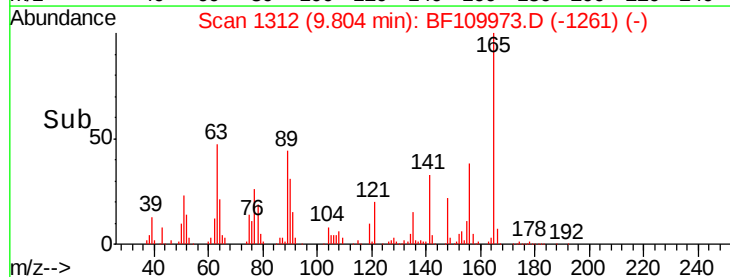
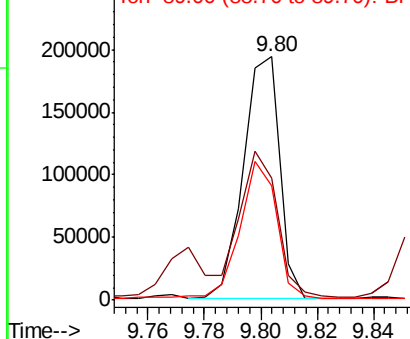
165 100

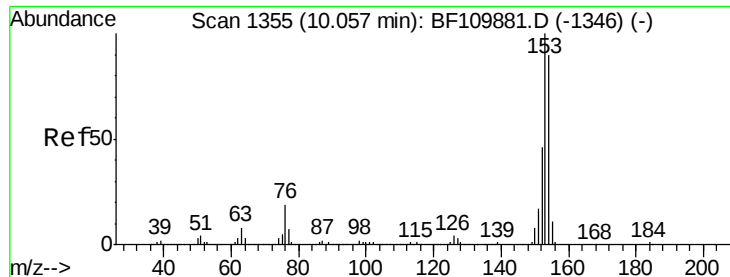
63 50.2 48.9 73.3

89 46.7 46.6 69.8



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





#52

Acenaphthene

Concen: 50.896 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

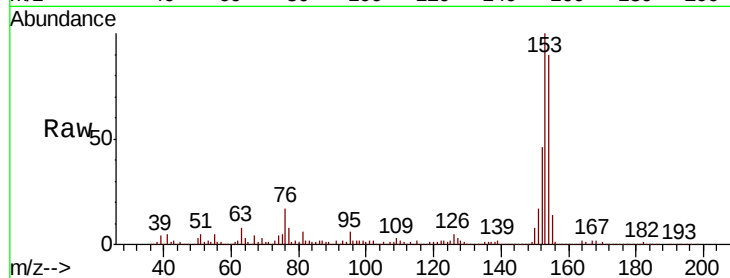
Tot Ion:154 Resp: 800486

Ion Ratio Lower Upper

154 100

153 111.5 90.1 135.1

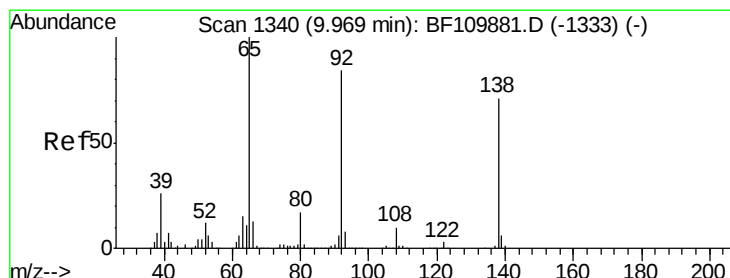
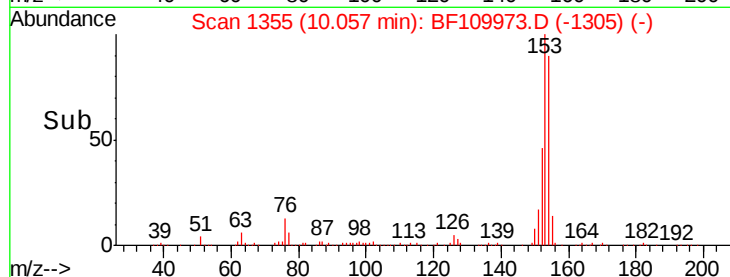
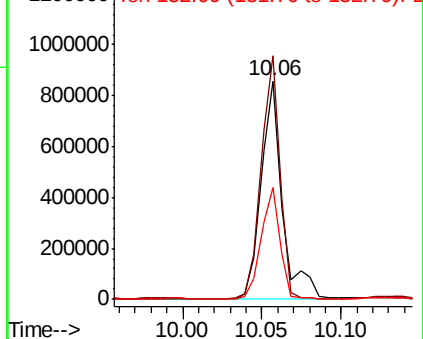
152 51.0 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 11.405 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

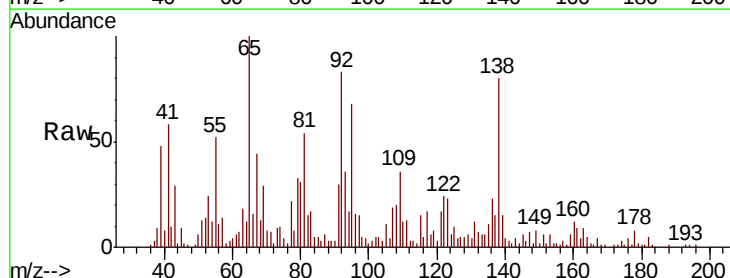
Tgt Ion:138 Resp: 48347

Ion Ratio Lower Upper

138 100

108 24.6 8.7 13.1#

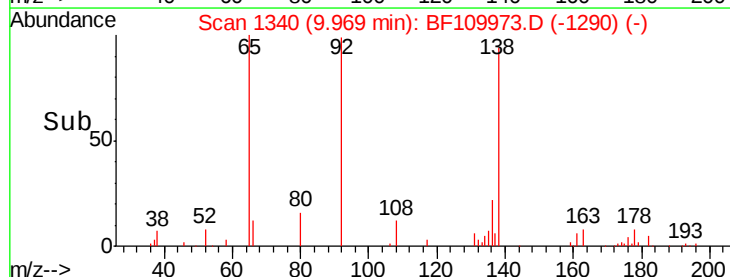
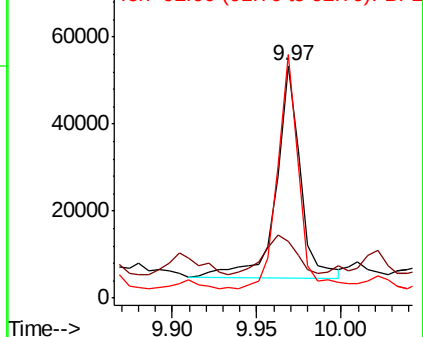
92 104.6 97.0 145.4

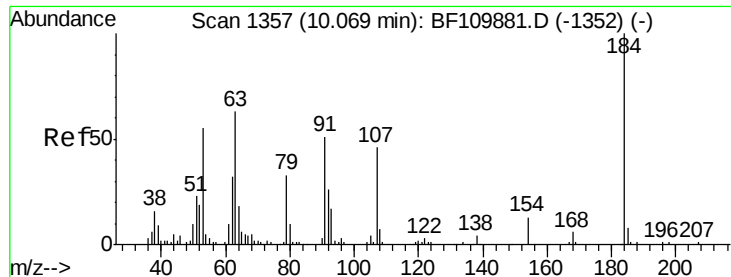


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

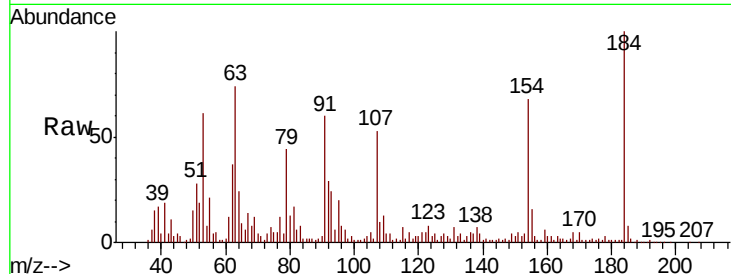




#54
2,4-Dinitrophenol
Concen: 124.137 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.5	55.8	83.6
154	68.1	63.2	94.8

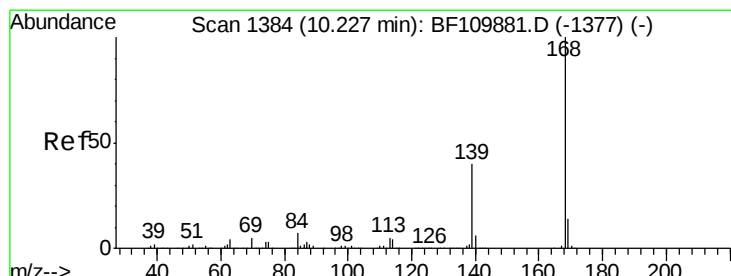
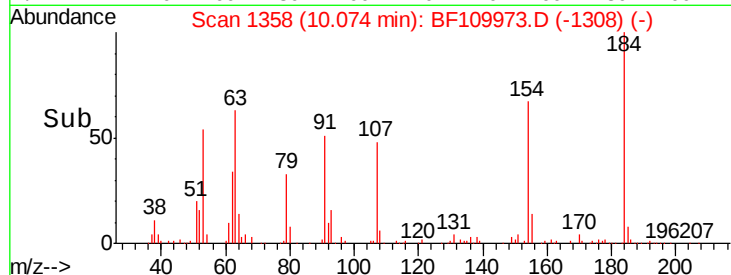
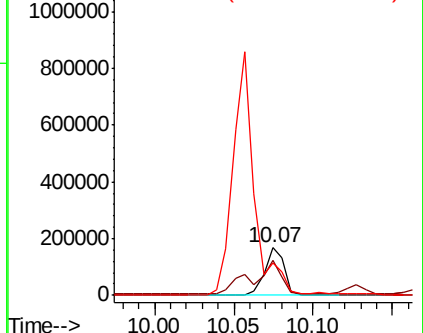


Abundance

Ion 184.00 (183.70 to 184.70): E

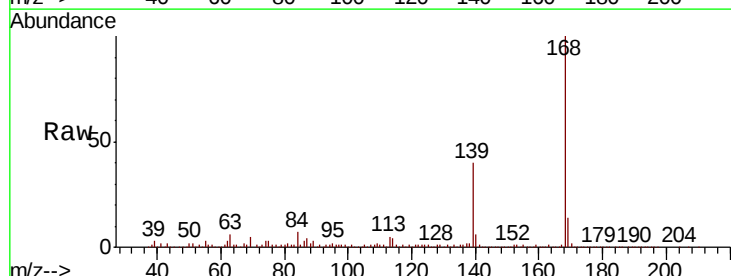
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 44.096 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	33.0	49.6
169	14.0	11.3	16.9

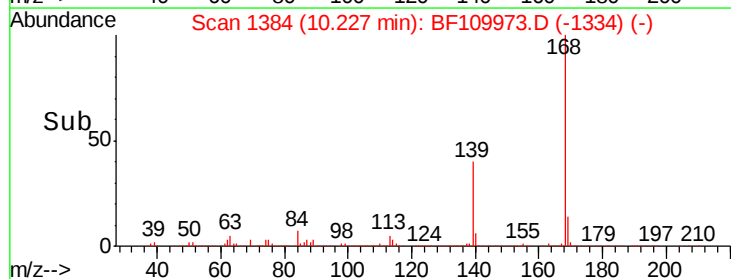
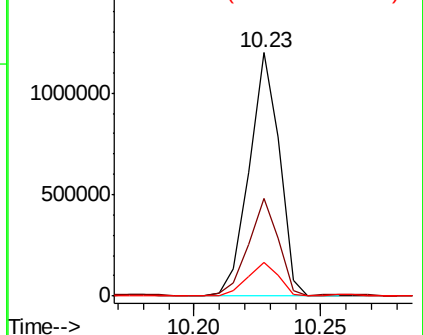


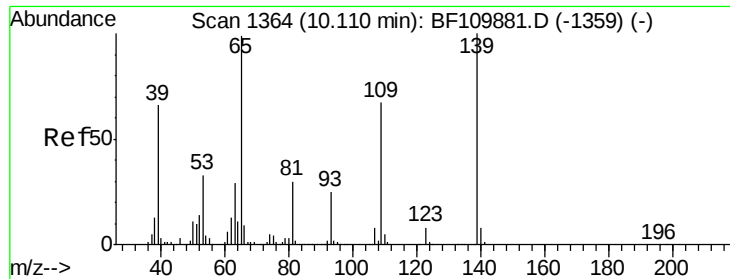
Abundance

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





#56

4-Nitrophenol

Concen: 31.562 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

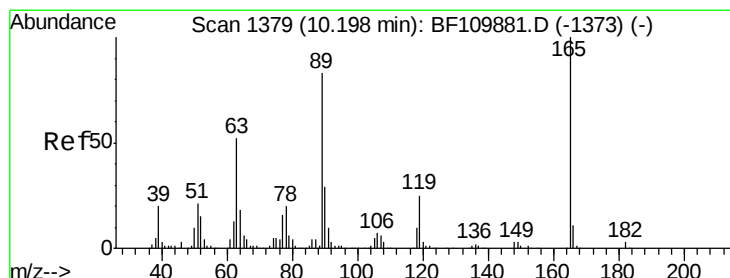
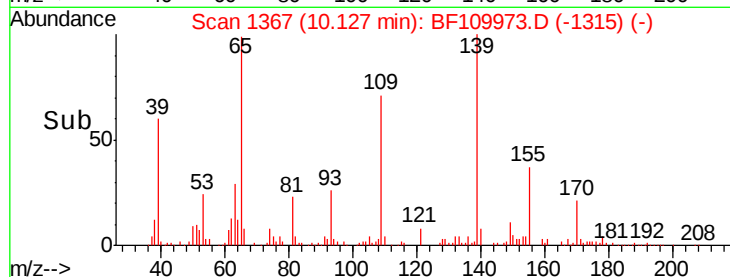
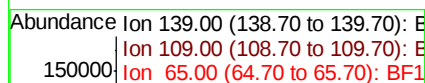
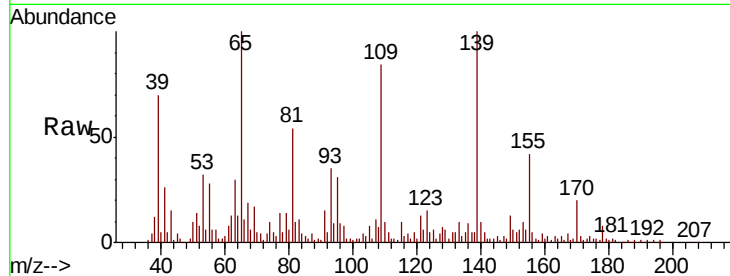
Tot Ion:139 Resp: 102088

Ion Ratio Lower Upper

139 100

109 84.0 55.8 95.8

65 100.0 77.9 117.9



#57

2,4-Dinitrotoluene

Concen: 51.048 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:165 Resp: 226134

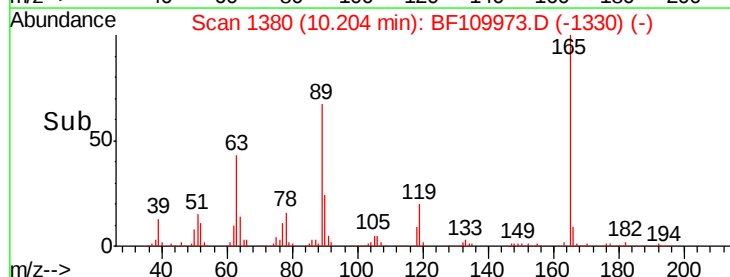
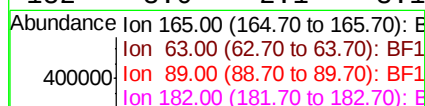
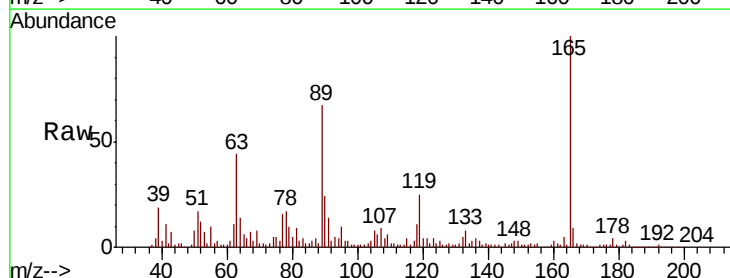
Ion Ratio Lower Upper

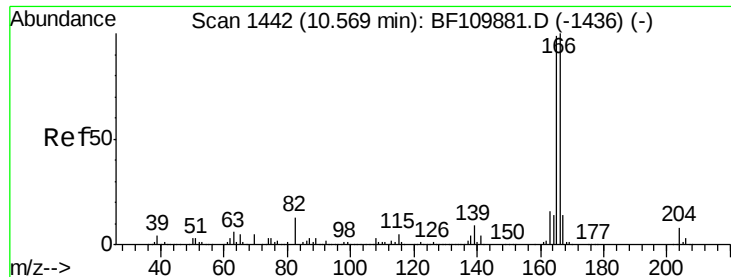
165 100

63 44.0 44.8 67.2#

89 67.4 62.2 93.4

182 3.0 2.1 3.1

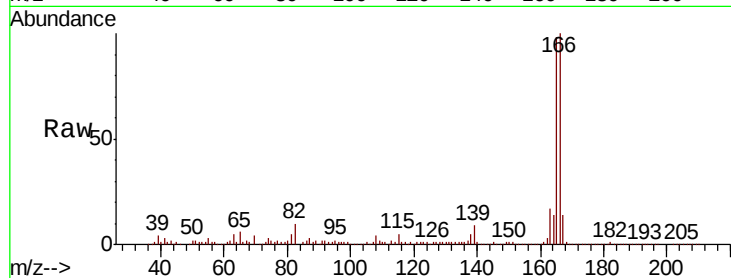




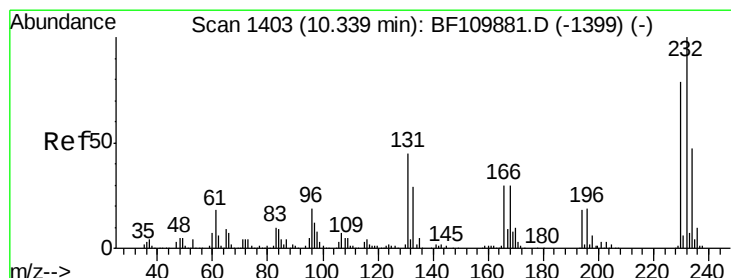
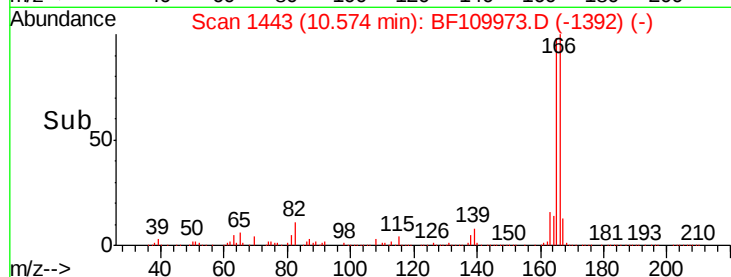
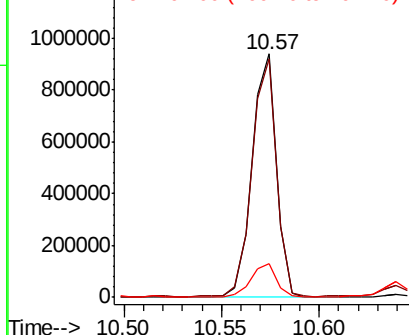
#58
 Fluorene
 Concen: 49.507 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 808358
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.6 117.8
 167 13.6 10.8 16.2

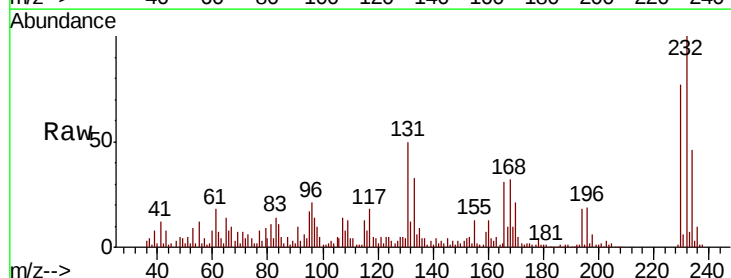


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

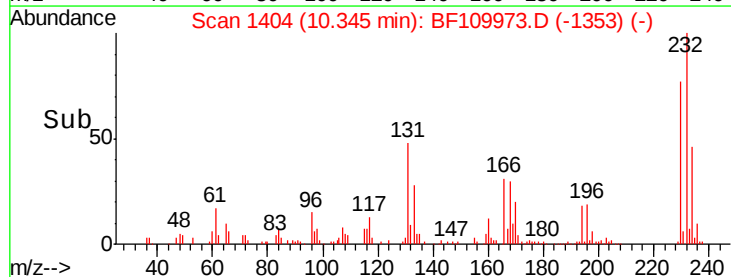
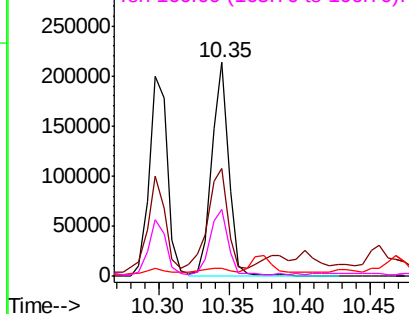


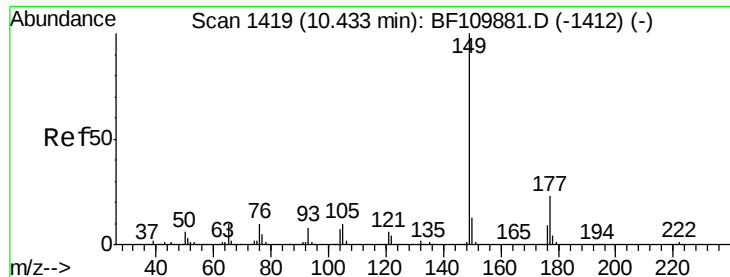
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.511 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:232 Resp: 178606
 Ion Ratio Lower Upper
 232 100
 131 53.0 37.0 55.4
 130 3.1 1.8 2.6#
 166 31.8 22.0 33.0



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

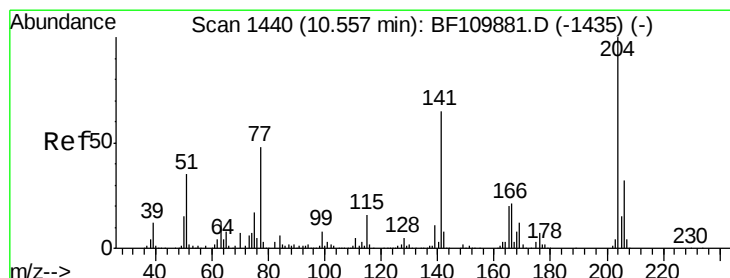
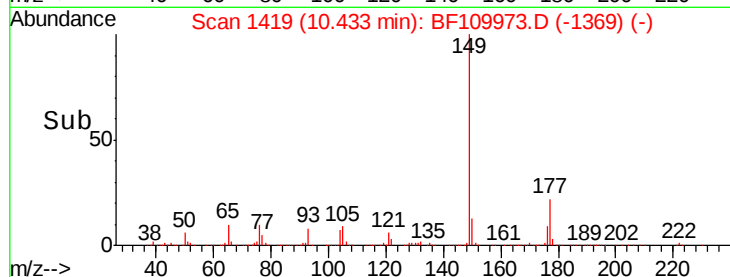
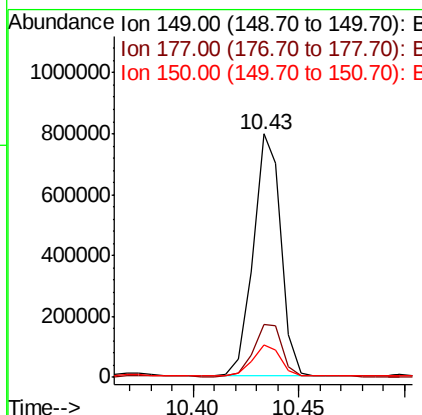
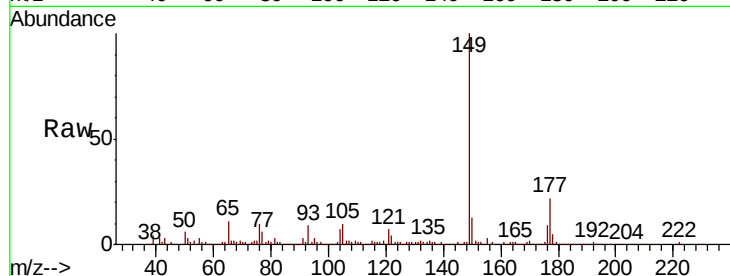




#60
Diethylphthalate
Concen: 39.946 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

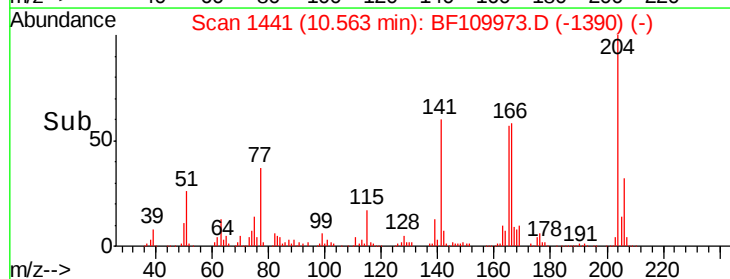
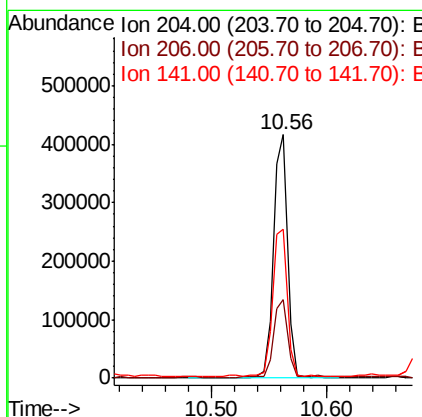
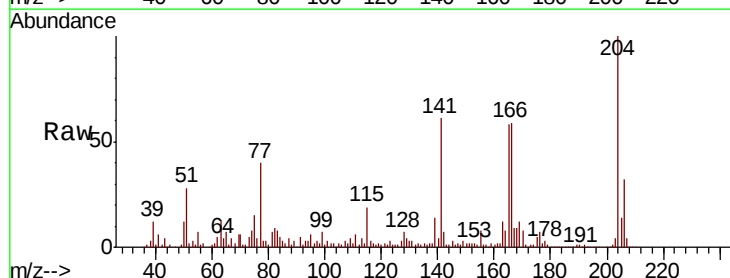
Instrument :
BNA_F
ClientSampled :

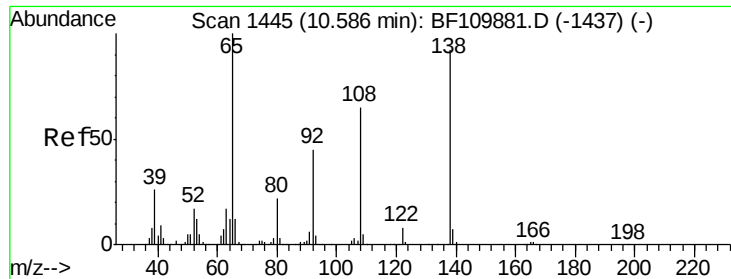
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	13.1	9.8	14.8



#61
4-Chlorophenyl-phenylether
Concen: 41.578 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	61.2	51.8	77.8

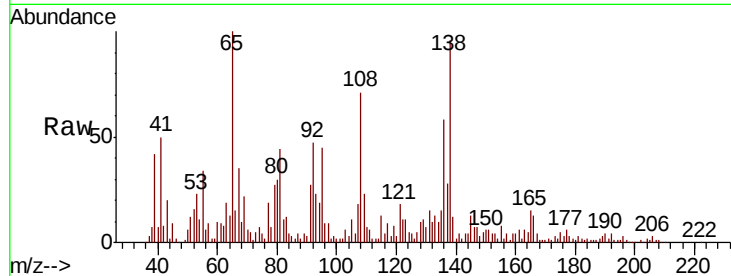




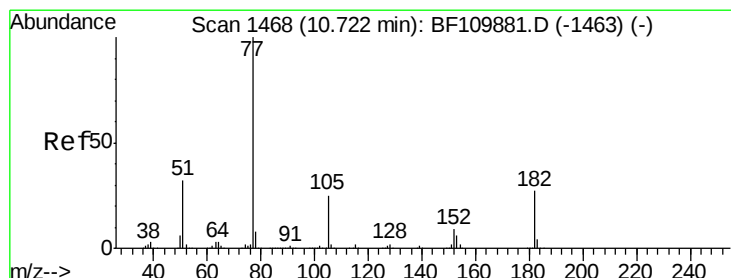
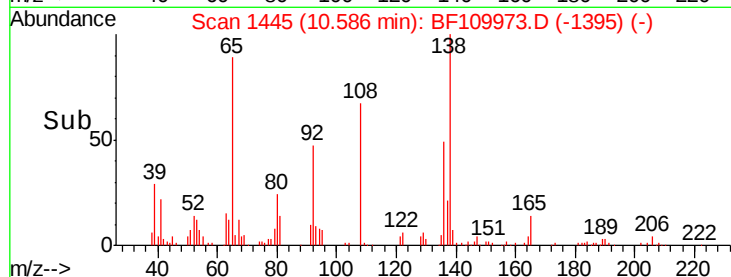
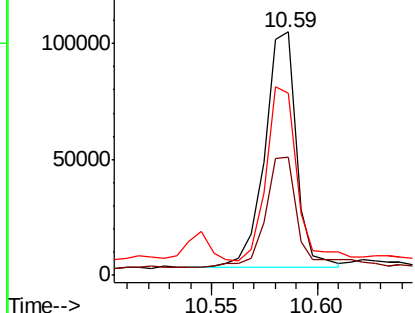
#62
4-Nitroaniline
Concen: 26.645 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 106921
Ion Ratio Lower Upper
138 100
92 48.7 31.7 71.7
108 74.8 59.3 99.3

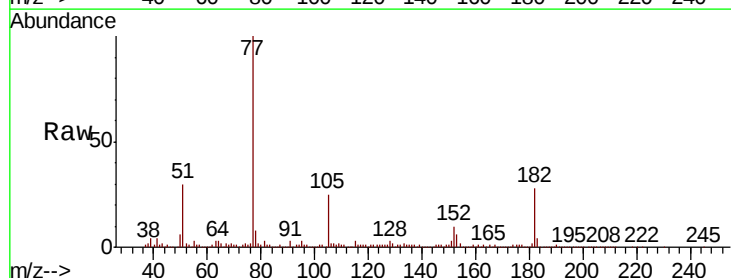


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

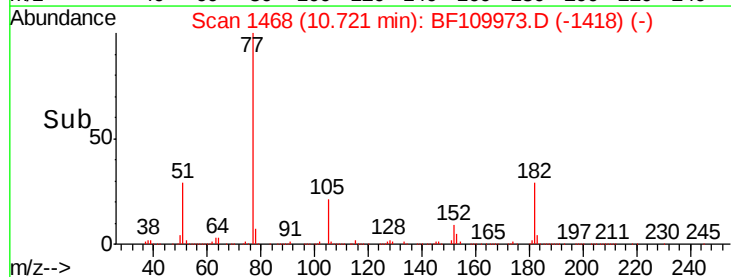
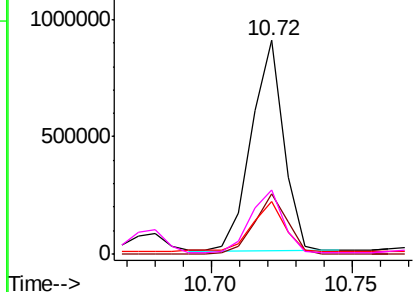


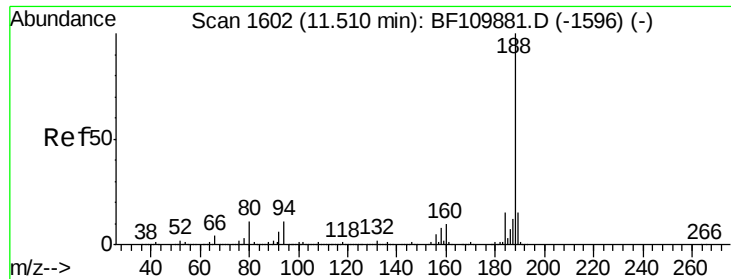
#63
Azobenzene
Concen: 37.609 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion: 77 Resp: 711991
Ion Ratio Lower Upper
77 100
182 28.1 4.3 44.3
105 24.6 1.3 41.3
51 30.2 9.0 49.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
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): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

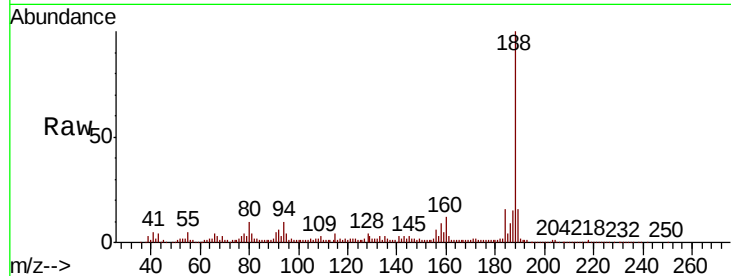
Tot Ion:188 Resp: 404178

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

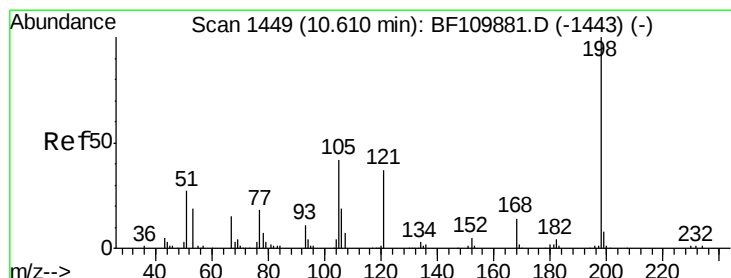
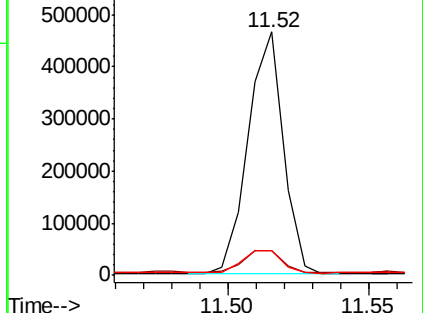
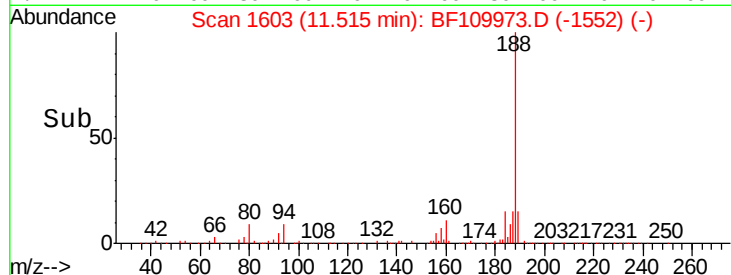
80 10.2 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 63.563 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

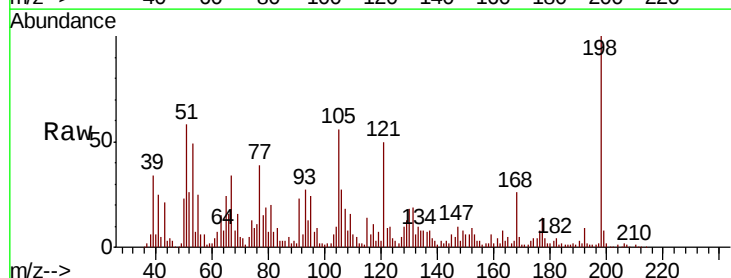
Tgt Ion:198 Resp: 97565

Ion Ratio Lower Upper

198 100

51 57.6 22.8 62.8

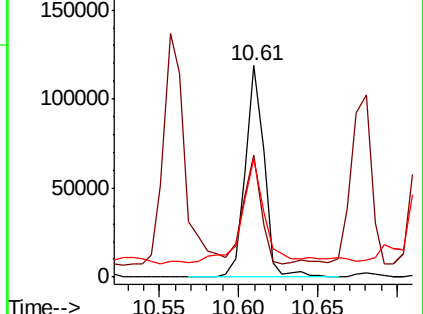
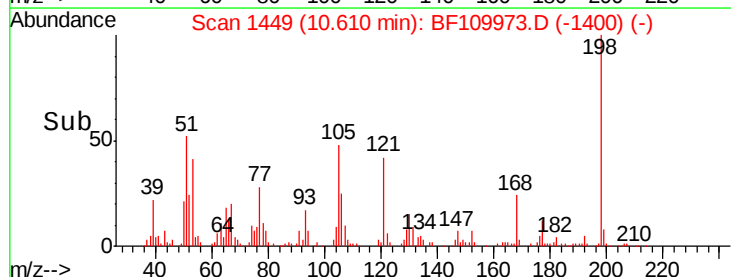
105 56.0 23.6 63.6

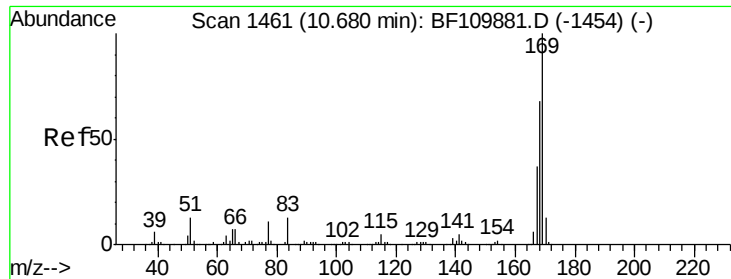


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

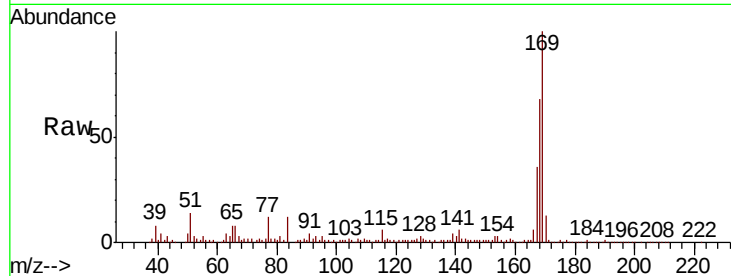




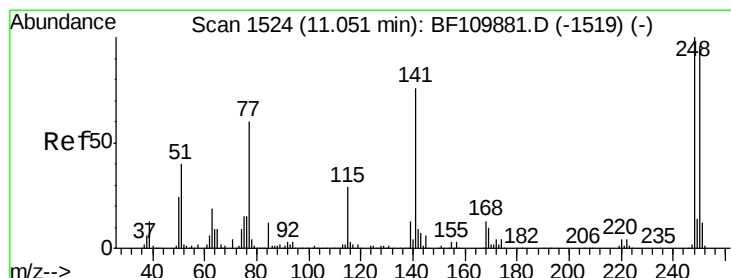
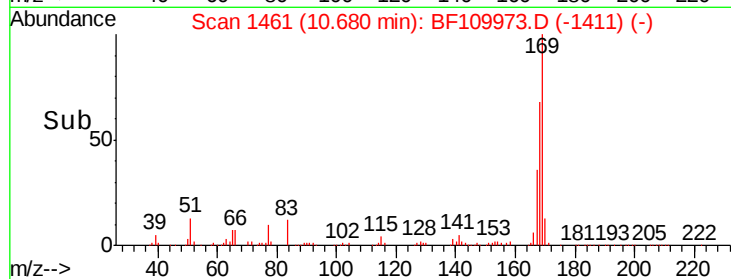
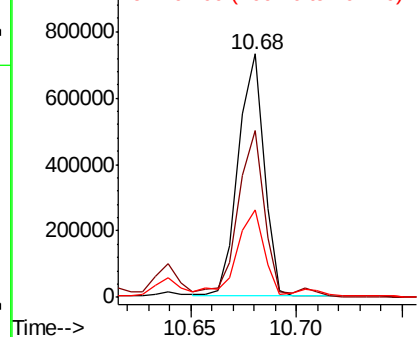
#66
 n-Nitrosodiphenylamine
 Concen: 45.655 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 614583
 Ion Ratio Lower Upper
 169 100
 168 68.3 51.2 76.8
 167 35.9 27.8 41.6

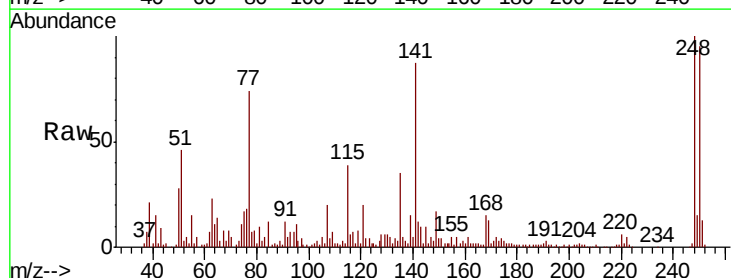


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

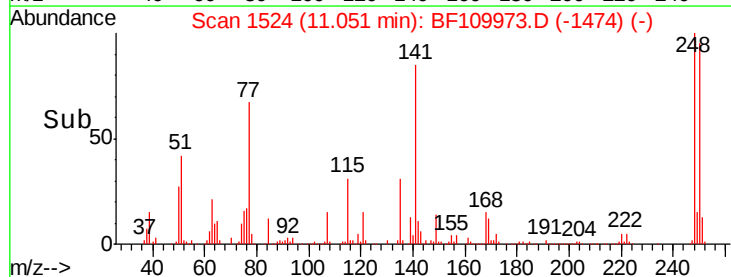
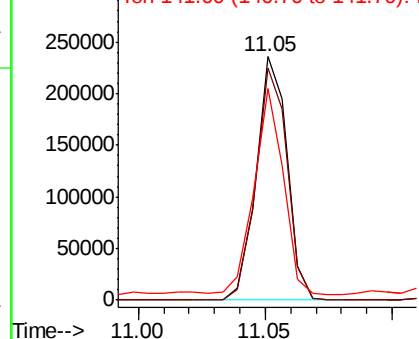


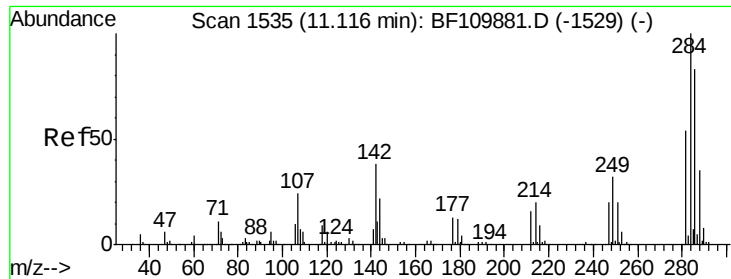
#67
 4-Bromophenyl-phenylether
 Concen: 45.595 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:248 Resp: 199715
 Ion Ratio Lower Upper
 248 100
 250 95.4 79.4 119.2
 141 86.9 55.9 83.9#



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

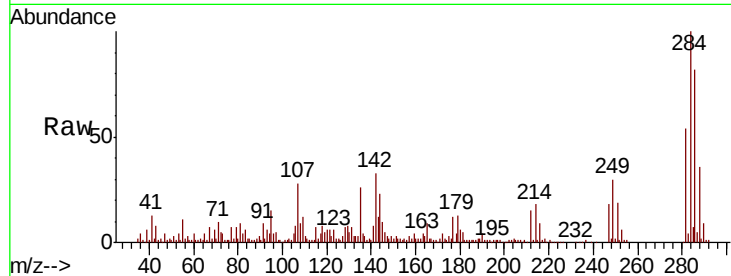




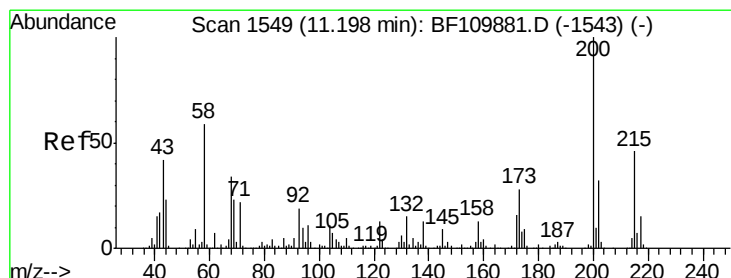
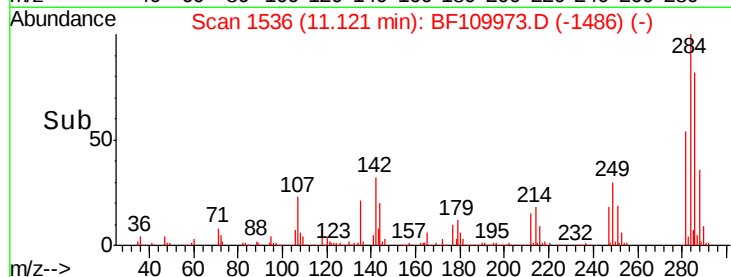
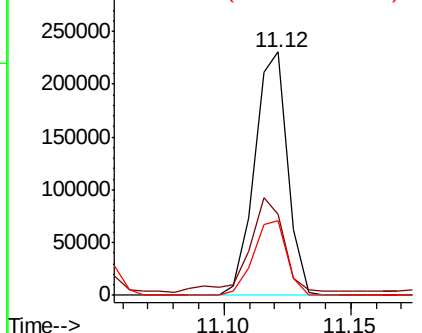
#68
Hexachlorobenzene
Concen: 44.635 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 208490
Ion Ratio Lower Upper
284 100
142 33.0 23.9 35.9
249 30.5 24.2 36.2

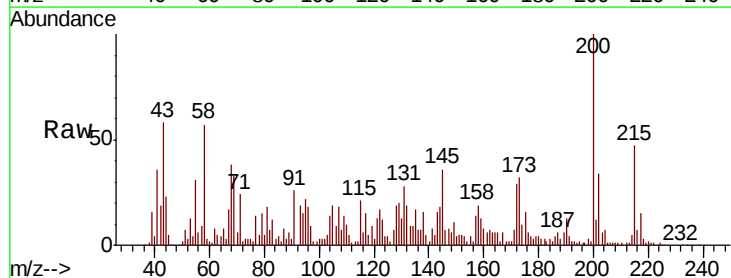


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

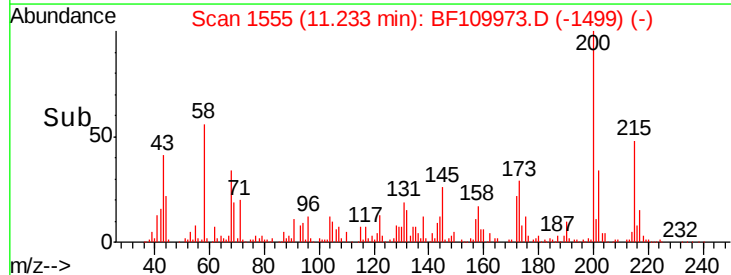
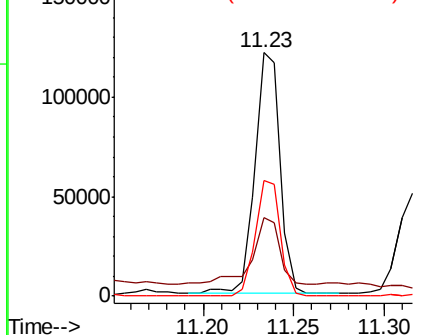


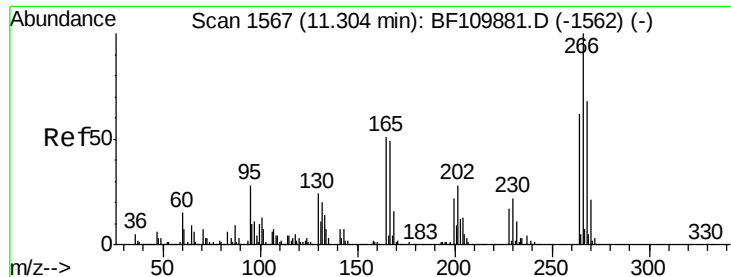
#69
Atrazine
Concen: 27.960 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.03 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:200 Resp: 117571
Ion Ratio Lower Upper
200 100
173 32.4 6.6 46.6
215 47.4 26.3 66.3



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

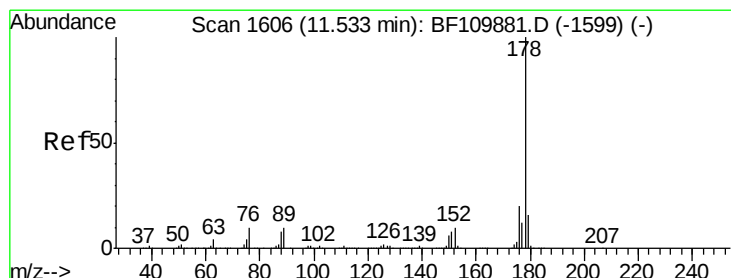
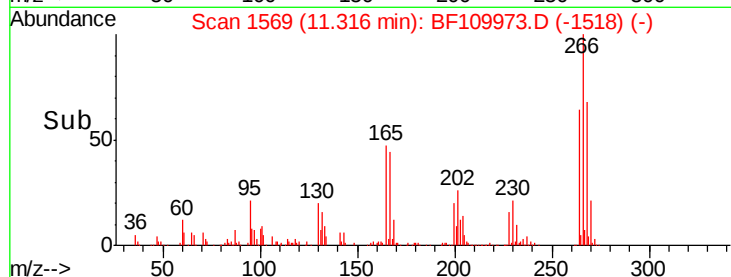
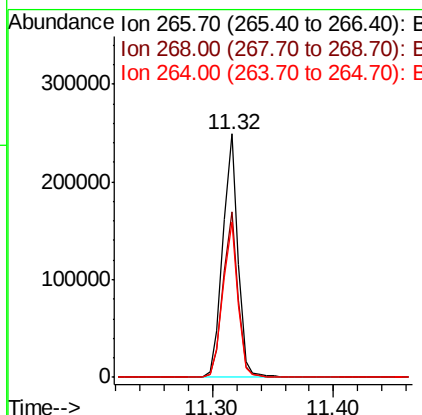
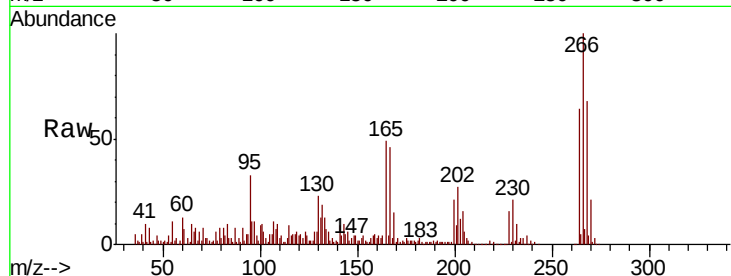




#70
 Pentachlorophenol
 Concen: 81.431 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

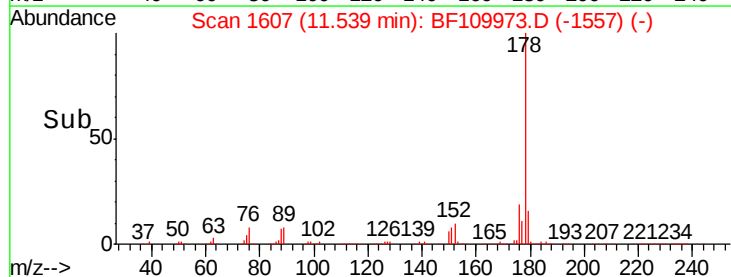
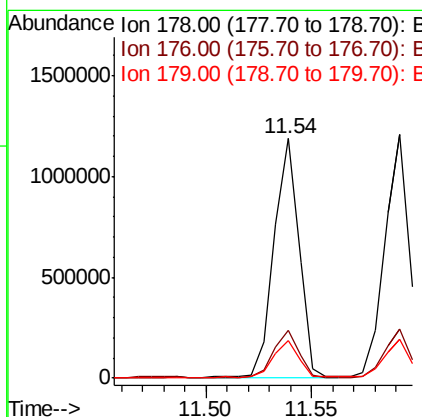
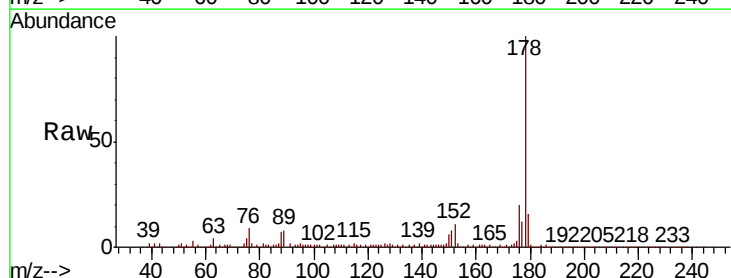
Instrument :
 BNA_F
 ClientSampleId :

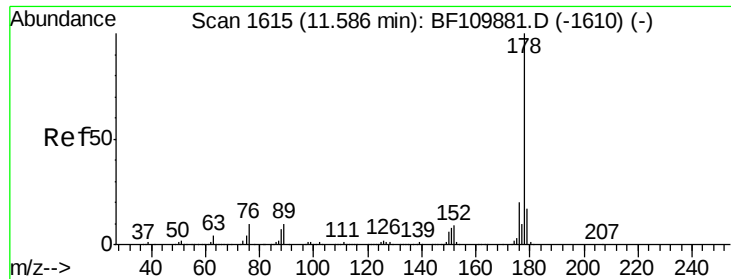
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	50.6	75.8
264	63.7	50.6	75.8



#71
 Phenanthrene
 Concen: 46.393 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.9	12.5	18.7



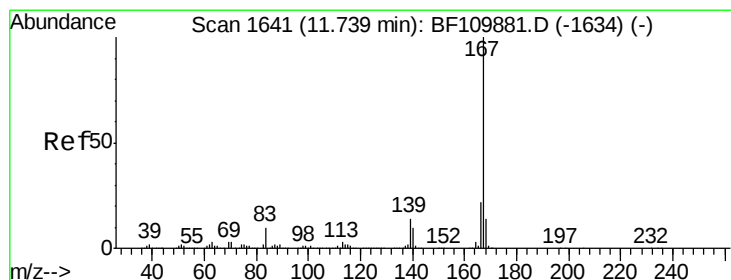
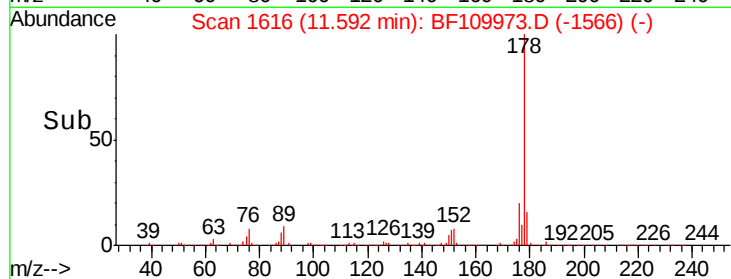
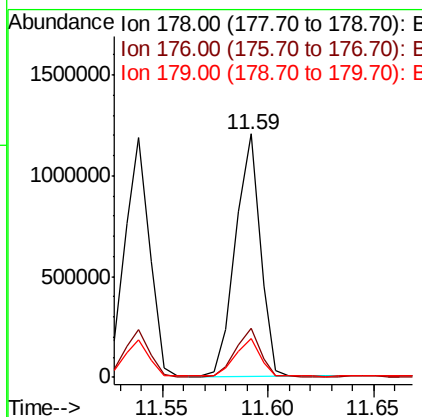
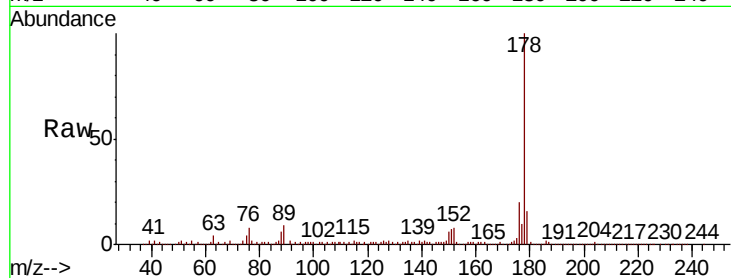


#72
 Anthracene
 Concen: 46.288 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 973747

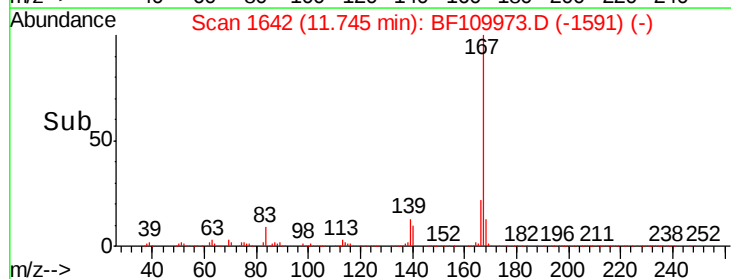
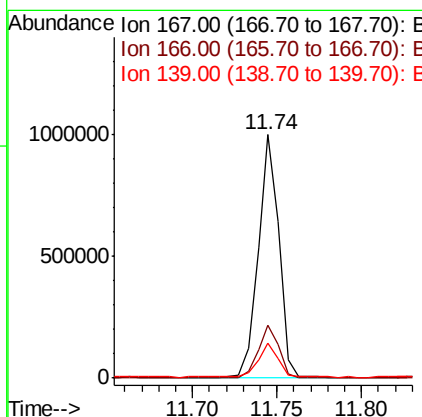
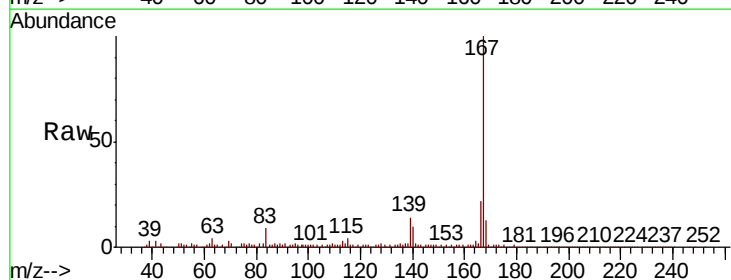
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.8	12.6	18.8

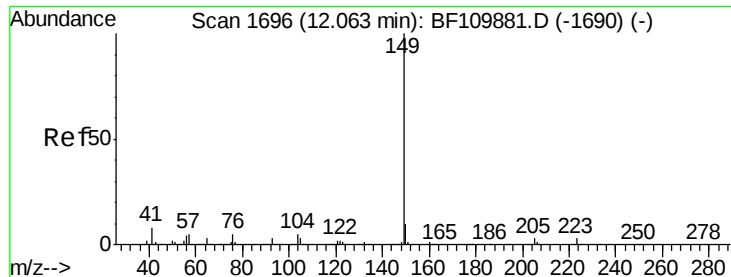


#73
 Carbazole
 Concen: 40.747 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:167 Resp: 842439

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	14.1	10.9	16.3

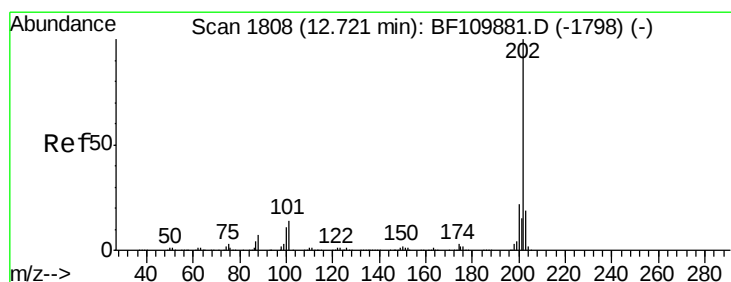
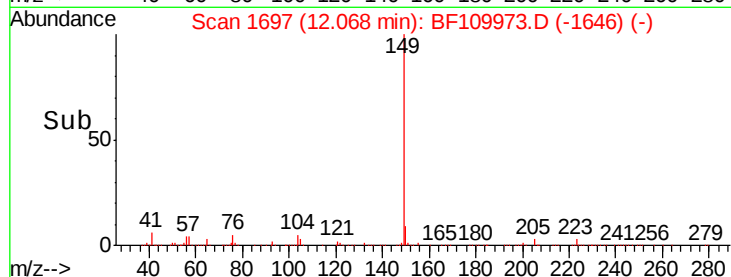
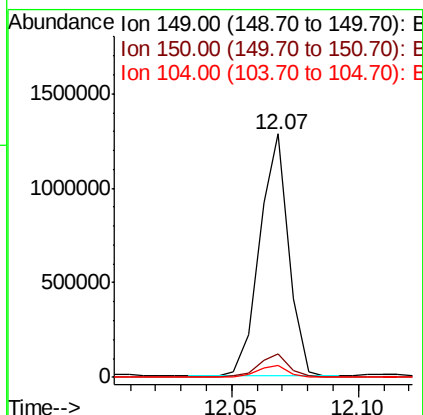
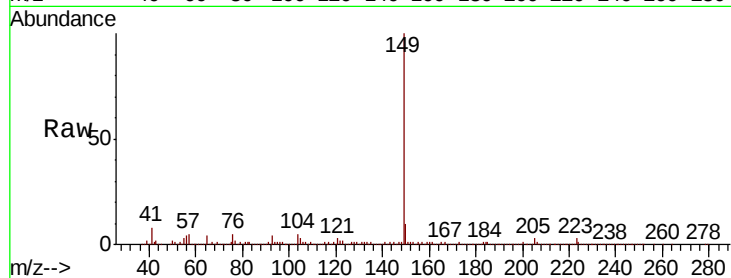




#74
Di-n-butylphthalate
Concen: 43.720 ng
RT: 12.07 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

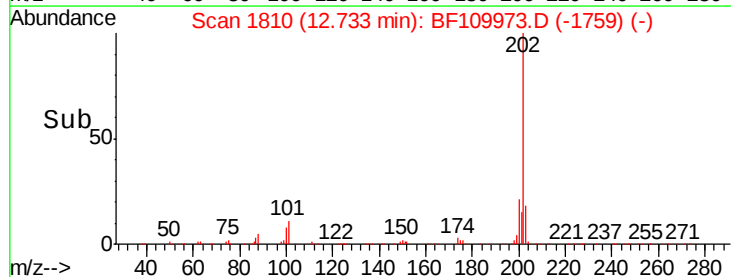
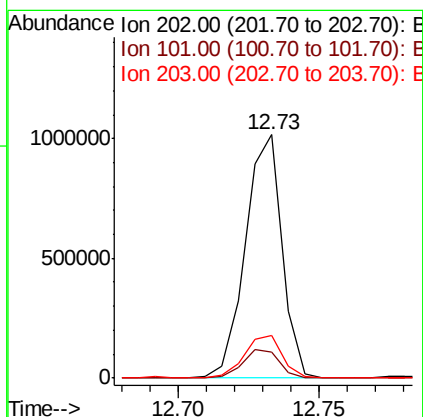
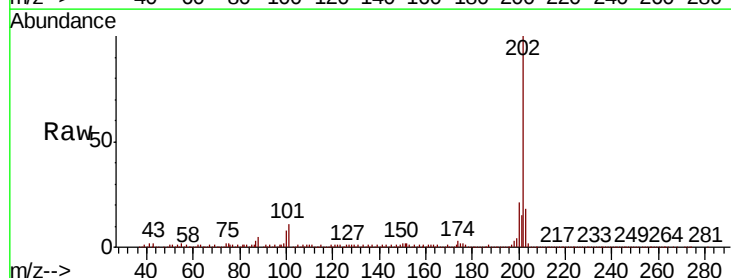
Instrument :
BNA_F
ClientSampleId :

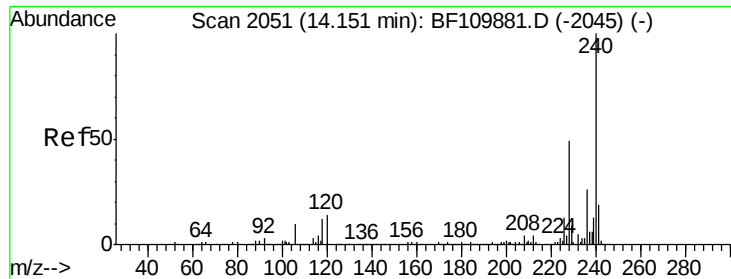
Tot Ion:149 Resp: 1008777
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 4.9 4.2 6.4



#75
Fluoranthene
Concen: 43.379 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:202 Resp: 906758
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 17.8 0.0 37.7

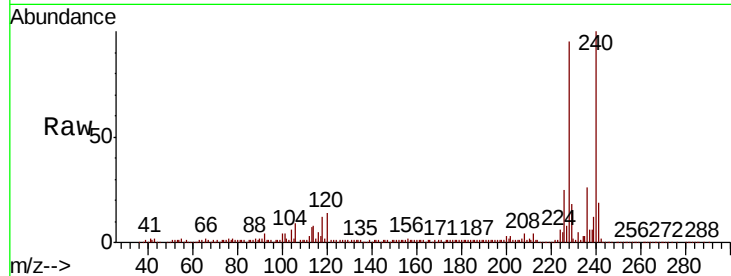




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	8.3	12.5#
236	26.0	21.2	31.8

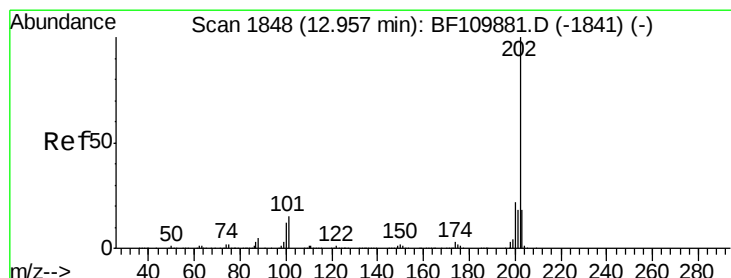
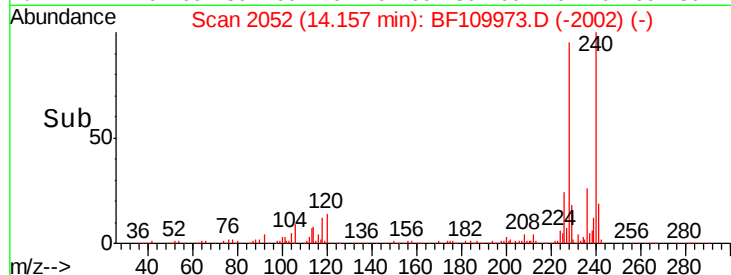
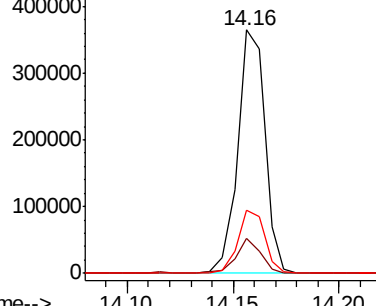


Abundance

Ion 240.00 (239.70 to 240.70): E

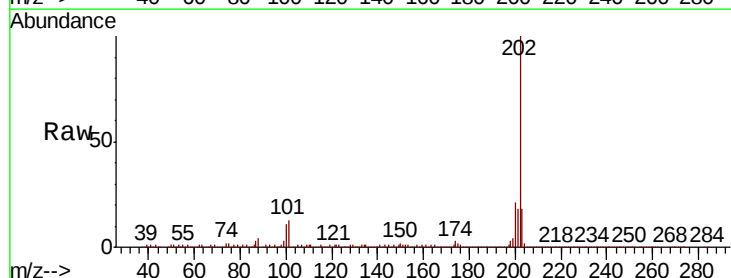
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
 Pyrene
 Concen: 37.964 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	18.0	14.2	21.4

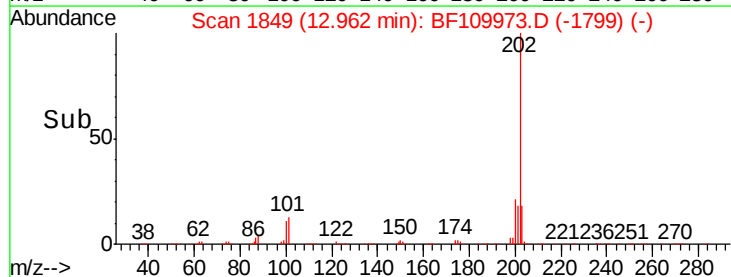
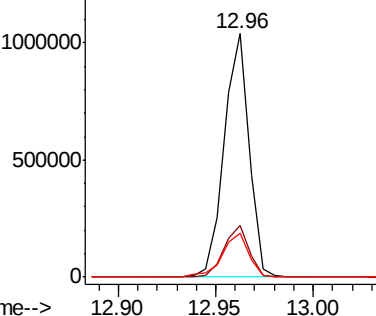


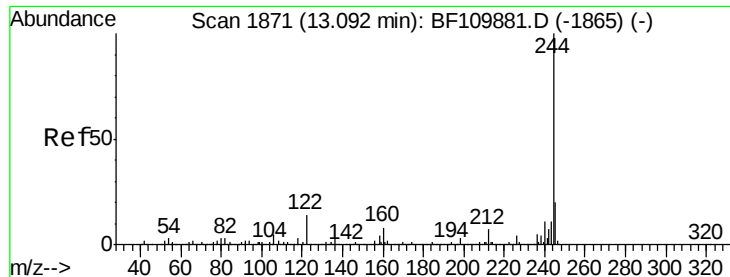
Abundance

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





#79

Terphenyl-d14

Concen: 74.153 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

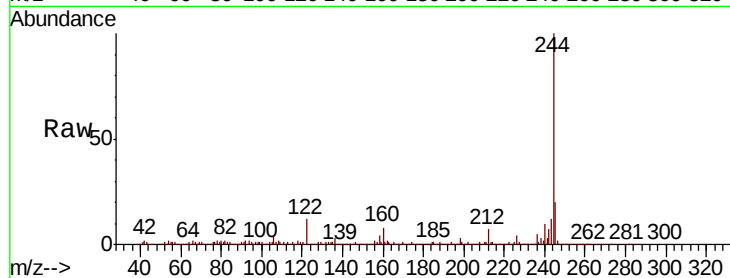
Tot Ion:244 Resp: 1152188

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

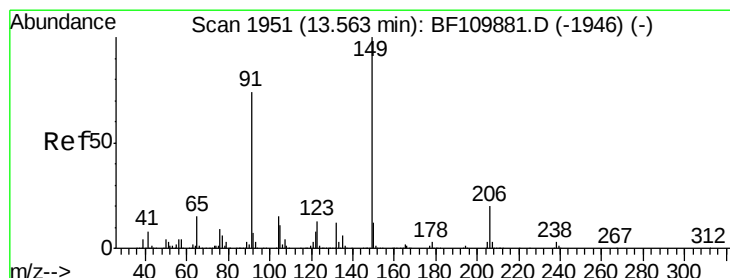
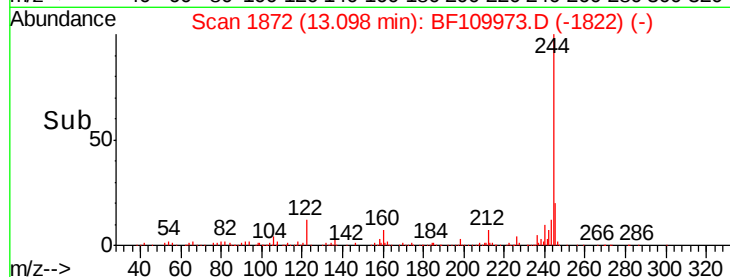
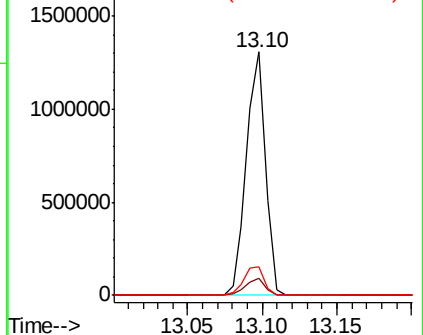
122 11.8 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.927 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

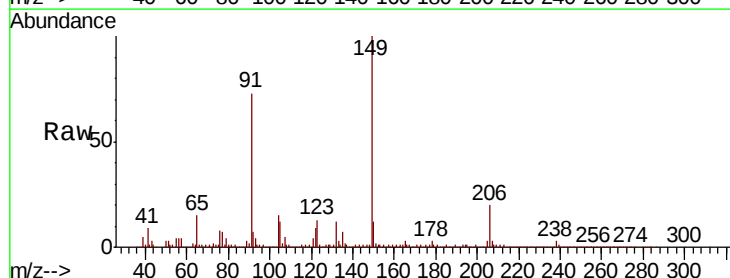
Tgt Ion:149 Resp: 425597

Ion Ratio Lower Upper

149 100

91 73.5 57.2 85.8

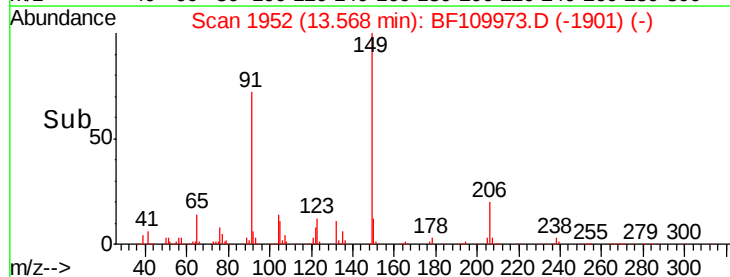
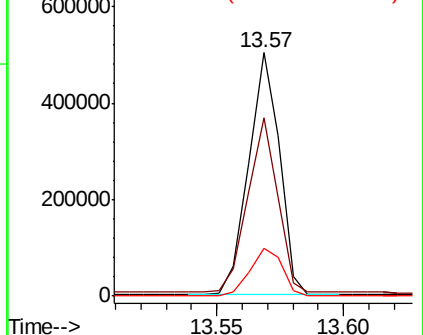
206 19.8 15.7 23.5

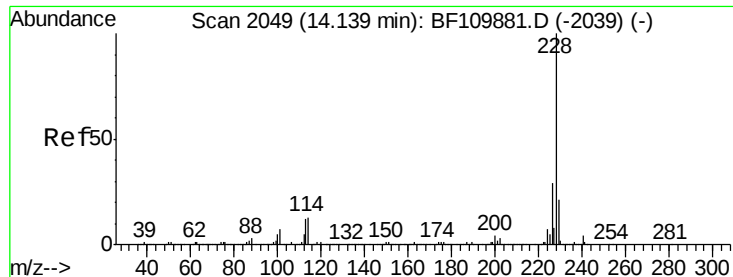


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

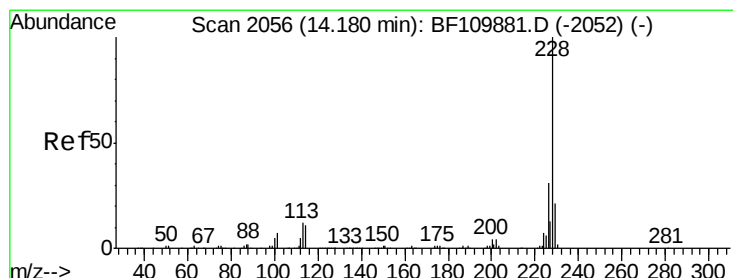
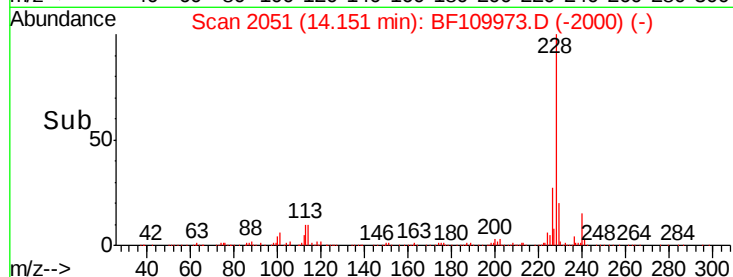
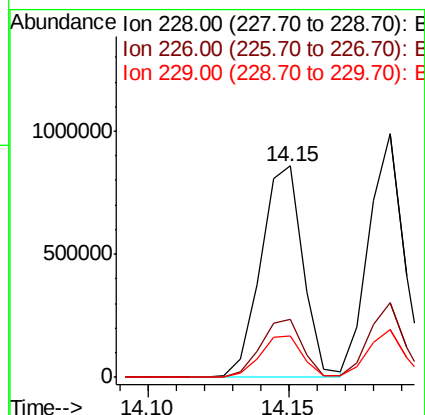
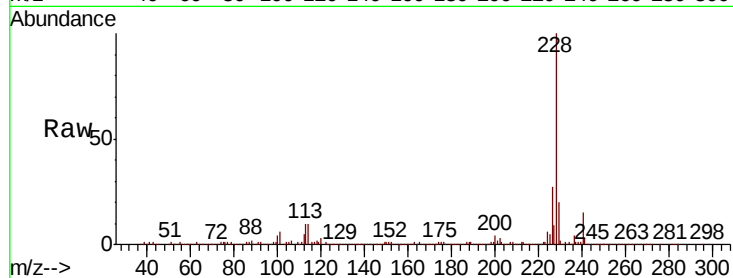




#81
Benzo(a)anthracene
Concen: 46.253 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

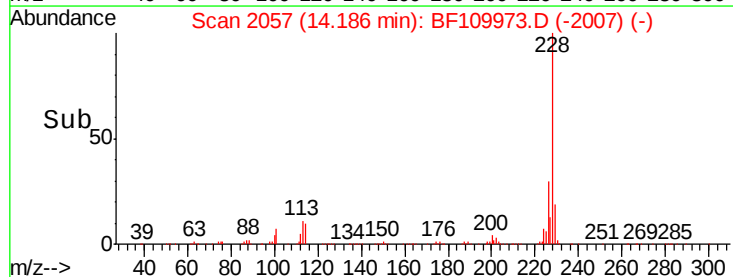
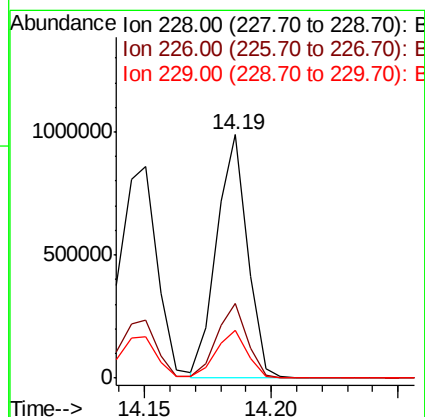
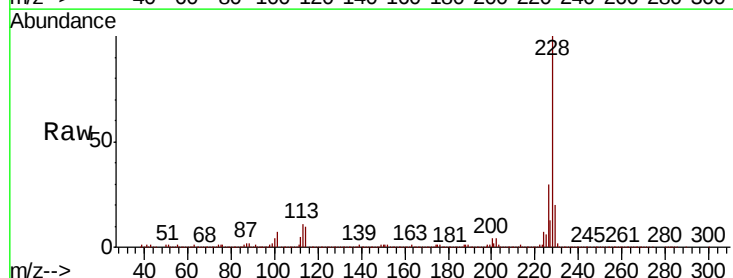
Instrument :
BNA_F
ClientSampleId :

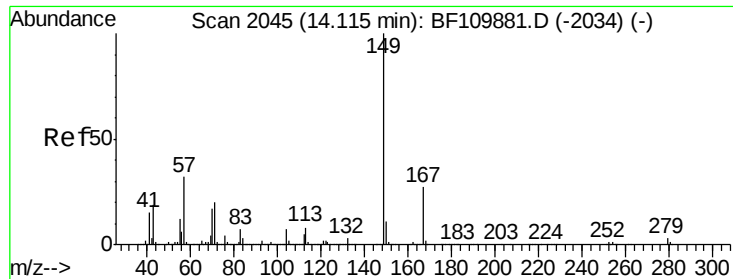
Tot Ion:228 Resp: 888944
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.7 15.6 23.4



#83
Chrysene
Concen: 45.496 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:228 Resp: 832296
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.5 15.9 23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 48.164 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

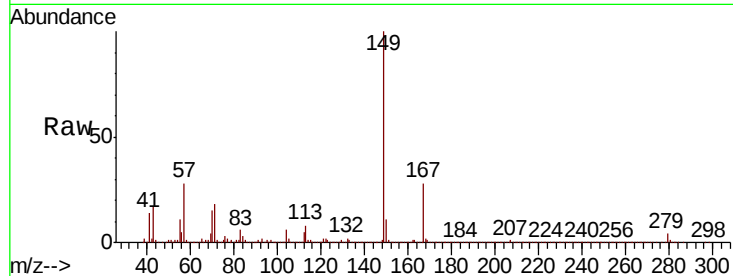
Tot Ion:149 Resp: 614029

Ion Ratio Lower Upper

149 100

167 27.7 19.8 29.8

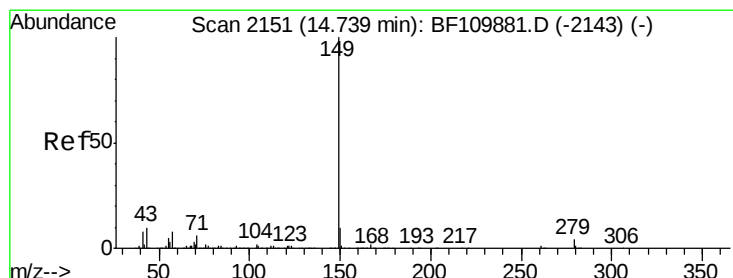
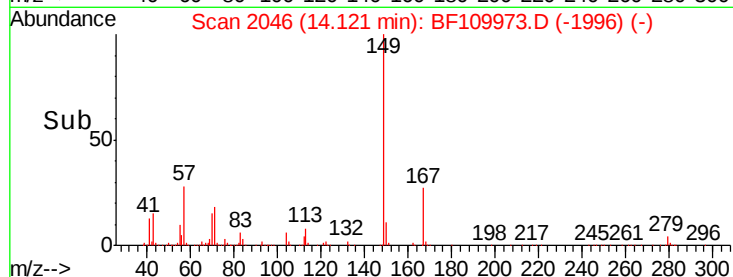
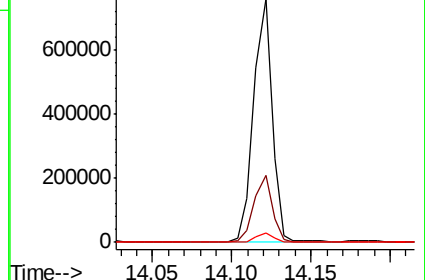
279 3.9 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 60.274 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

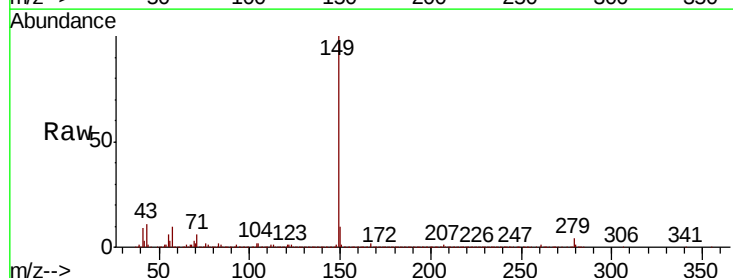
Tgt Ion:149 Resp: 1083351

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

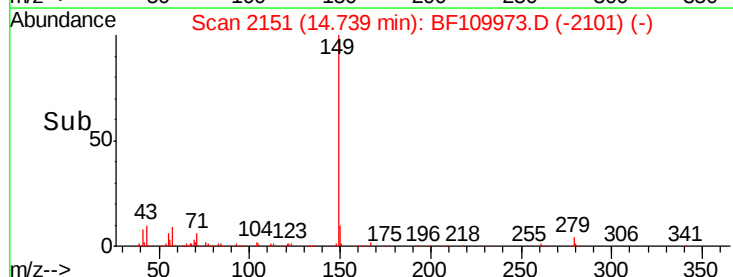
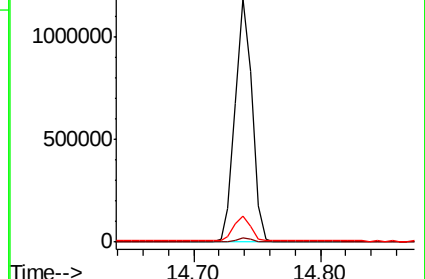
43 10.2 7.8 11.8

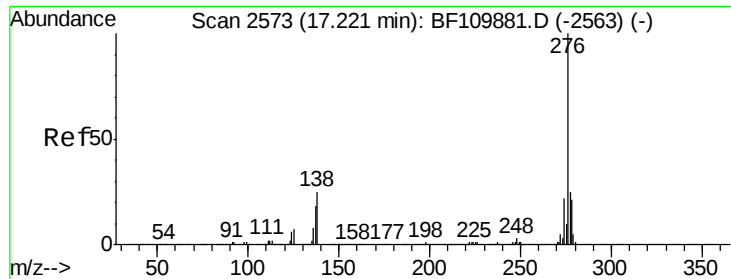


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

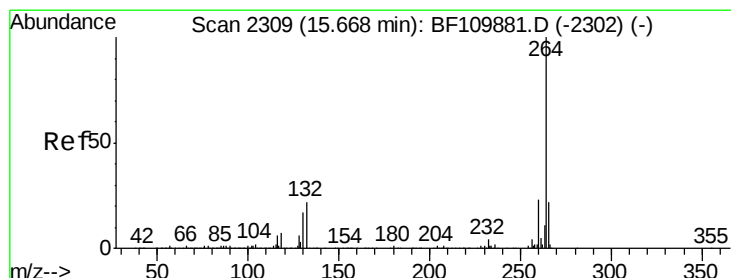
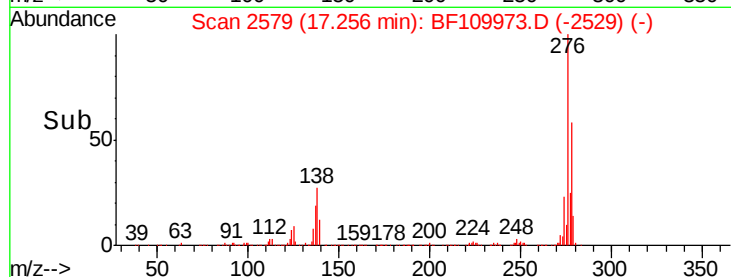
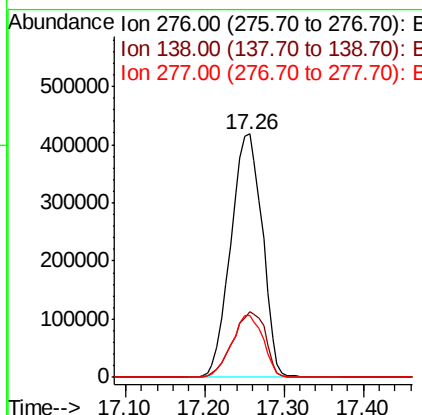
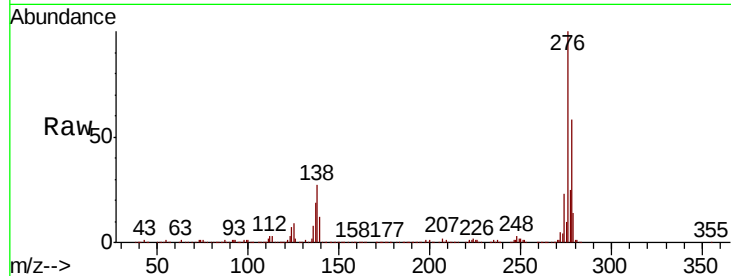




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 78.424 ng
 RT: 17.26 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

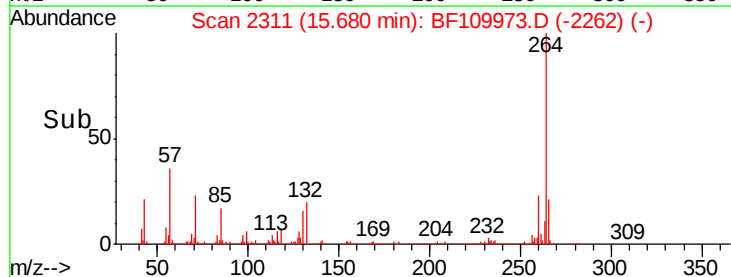
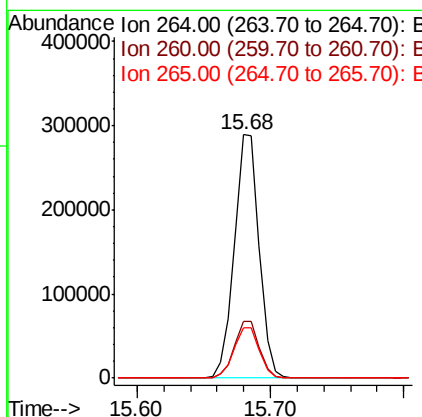
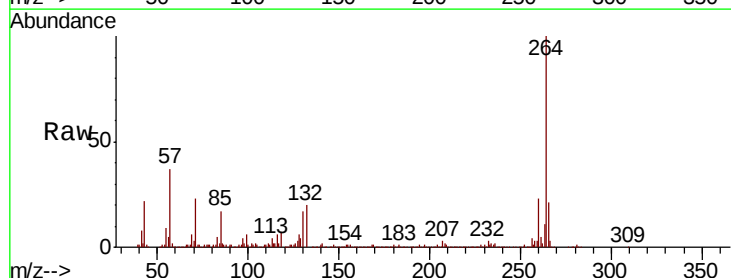
Instrument :
 BNA_F
 ClientSampleId :

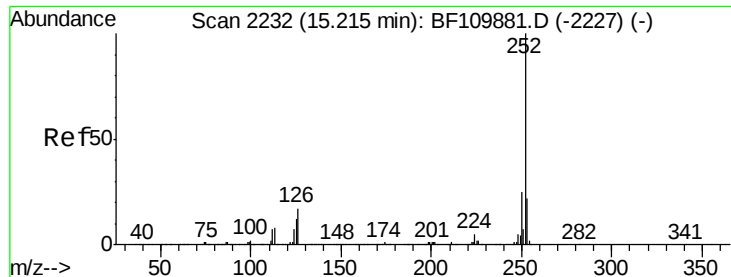
Tot Ion:276 Resp: 1155125
 Ion Ratio Lower Upper
 276 100
 138 28.0 18.5 27.7#
 277 25.6 20.0 30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:264 Resp: 374869
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.6 16.7 25.1

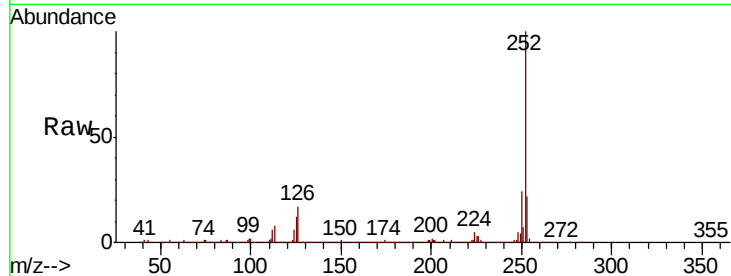




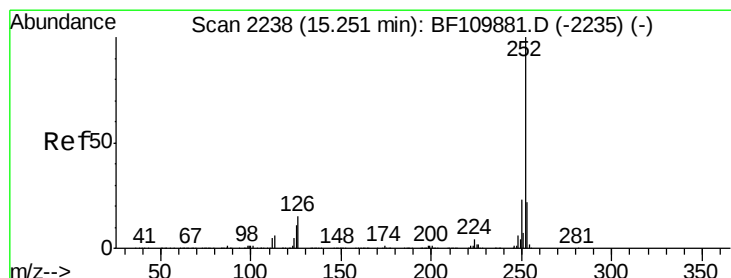
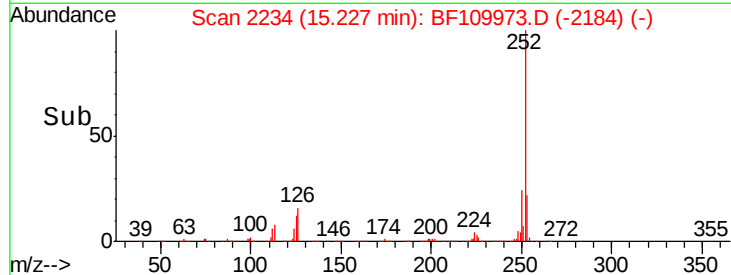
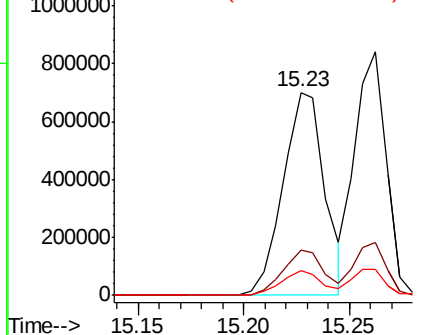
#88
Benzo(b)fluoranthene
Concen: 44.496 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 961644
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.9 8.2 12.4

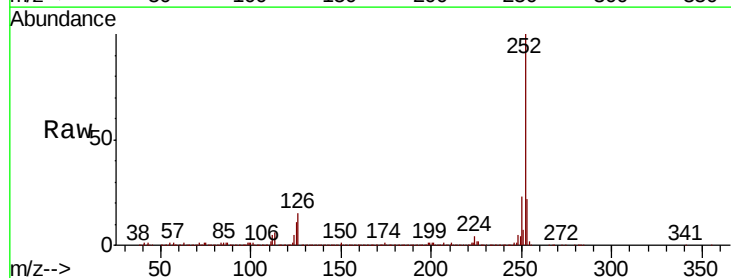


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

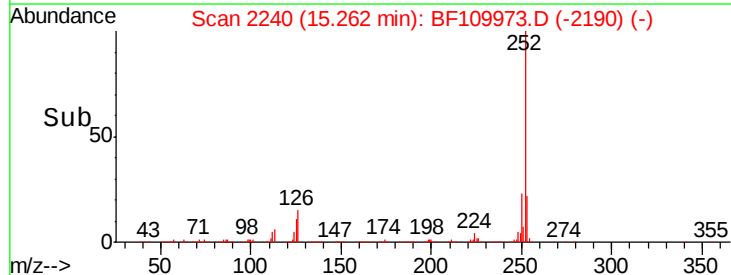
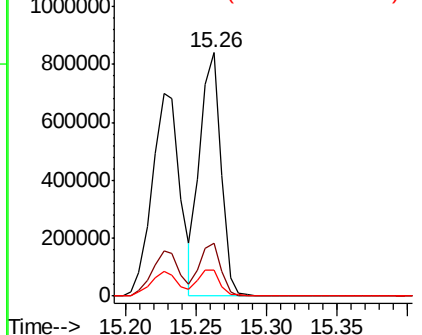


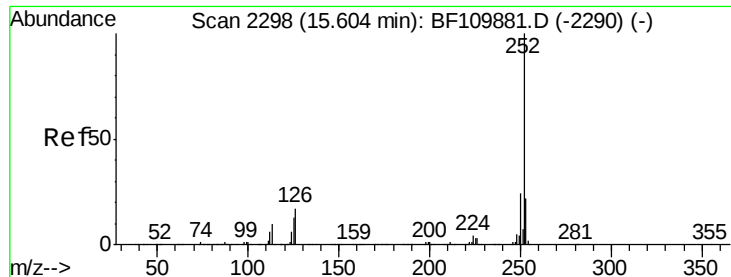
#89
Benzo(k)fluoranthene
Concen: 40.899 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:252 Resp: 871235
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.9 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

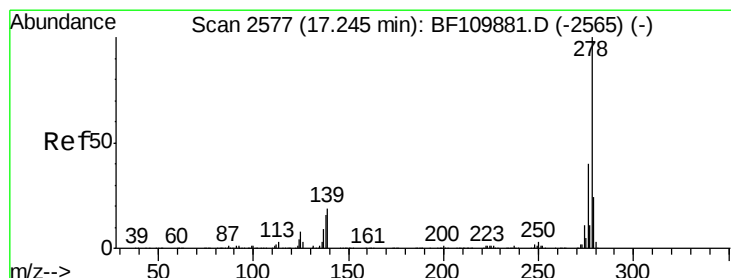
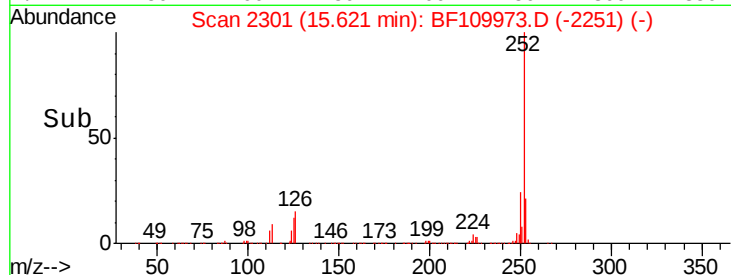
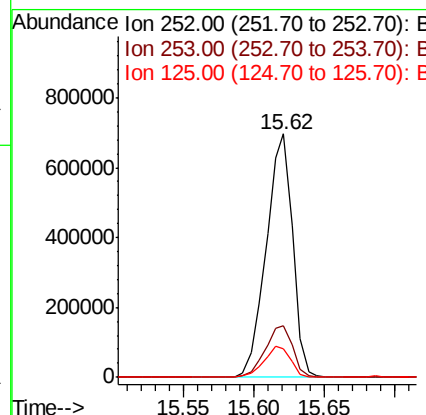
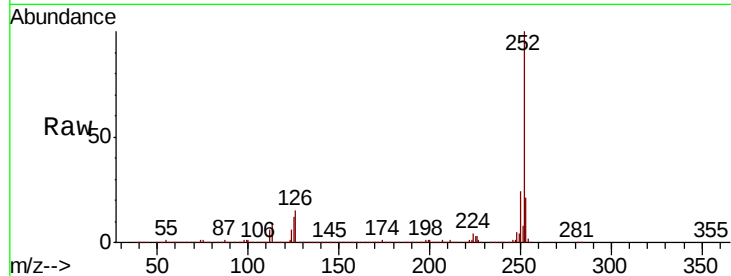




#90
Benzo(a)pyrene
Concen: 46.274 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

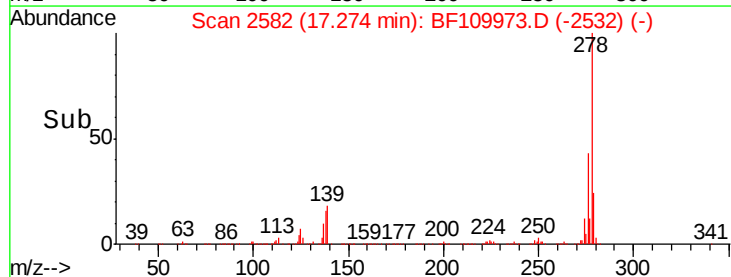
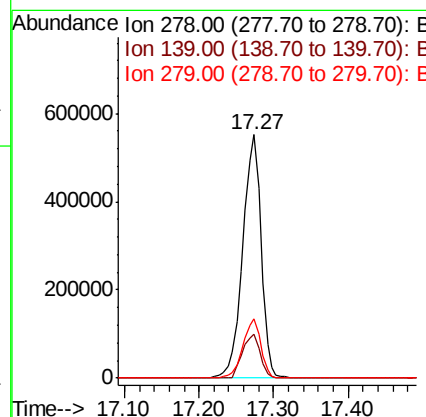
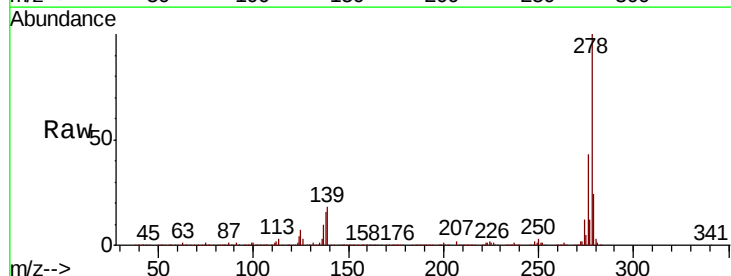
Instrument :
BNA_F
ClientSampleId :

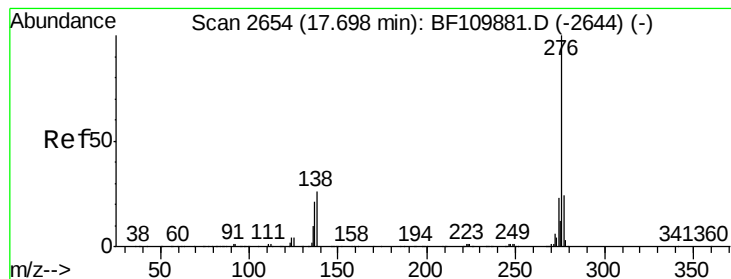
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	12.0	9.0	13.6



#91
Dibenzo(a,h)anthracene
Concen: 53.862 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.7	19.1
279	24.2	19.0	28.4





#92

Benzo(a,h,i)perylene

Concen: 55.498 ng

RT: 17.73 min Scan# 2660

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 987752

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 24.2 16.0 24.0#

