

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099661.D
 Acq On : 19 Oct 2017 17:04
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:47:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	98253	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	418008	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	193404	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	350555	20.00	ng	0.00
75) Chrysene-d12	13.99	240	248902	20.00	ng	-0.01
86) Perylene-d12	15.44	264	186257	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	515587	83.54	ng	-0.01
7) Phenol-d6	6.46	99	628150	82.50	ng	-0.02
23) Nitrobenzene-d5	7.39	82	512307	78.60	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	134567	85.03	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	973904	84.07	ng	-0.01
78) Terphenyl-d14	12.92	244	913114	83.43	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	117306	39.787	ng	# 91
3) Pyridine	3.33	79	301860	37.847	ng	91
4) n-Nitrosodimethylamine	3.30	42	112058	33.132	ng	# 75
6) Aniline	6.49	93	398394	38.769	ng	92
8) 2-Chlorophenol	6.61	128	292843	41.897	ng	92
9) Benzaldehyde	6.37	77	142315	32.223	ng	95
10) Phenol	6.48	94	364427	42.797	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	266548	40.265	ng	95
12) 1,3-Dichlorobenzene	6.76	146	311338	42.532	ng	97
13) 1,4-Dichlorobenzene	6.84	146	314454	42.222	ng	96
14) 1,2-Dichlorobenzene	6.99	146	286994	41.704	ng	96
15) Benzyl Alcohol	6.97	79	195469	34.995	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	336874	32.663	ng	80
17) 2-Methylphenol	7.08	107	227339	39.751	ng	98
18) Hexachloroethane	7.33	117	104501	39.037	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	169184	34.803	ng	93
20) 3+4-Methylphenols	7.23	107	274816	37.984	ng	# 69
22) Acetophenone	7.23	105	375564	37.083	ng	# 97
24) Nitrobenzene	7.41	77	283837	38.388	ng	93
25) Isophorone	7.65	82	501748	37.232	ng	98
26) 2-Nitrophenol	7.72	139	162762	45.776	ng	90
27) 2,4-Dimethylphenol	7.76	122	252927	37.667	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	326549	38.883	ng	100
29) 2,4-Dichlorophenol	7.97	162	242256	42.021	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	243083	42.158	ng	99
31) Naphthalene	8.12	128	805063	41.007	ng	99
32) Benzoic acid	7.92	122	205658	37.286	ng	96
33) 4-Chloroaniline	8.18	127	336814	41.083	ng	# 93
34) Hexachlorobutadiene	8.23	225	120692	40.638	ng	99
35) Caprolactam	8.56	113	50048	27.063	ng	# 83
36) 4-Chloro-3-methylphenol	8.66	107	260750	40.239	ng	96
37) 2-Methylnaphthalene	8.82	142	526040	41.217	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	241048	41.792	ng	98
40) Hexachlorocyclopentadiene	8.96	237	90371	34.285	ng	98

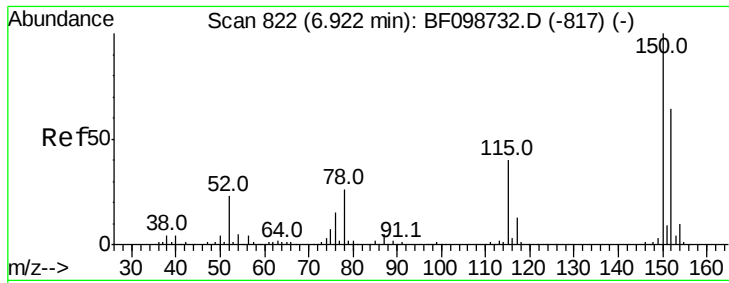
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099661.D
 Acq On : 19 Oct 2017 17:04
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	160930	39.384	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	162554	39.852	ng	96
45) 1,1'-Biphenyl	9.28	154	683023	41.092	ng	98
46) 2-Chloronaphthalene	9.30	162	513995	41.185	ng	96
47) 2-Nitroaniline	9.41	65	144896	37.917	ng	87
48) Acenaphthylene	9.72	152	772138	40.416	ng	100
49) Dimethylphthalate	9.58	163	601700	41.221	ng	99
50) 2,6-Dinitrotoluene	9.65	165	138243	43.502	ng	# 80
51) Acenaphthene	9.89	154	459260	37.949	ng	99
52) 3-Nitroaniline	9.82	138	160928	43.431	ng	92
53) 2,4-Dinitrophenol	9.94	184	52858	35.448	ng	# 82
54) Dibenzofuran	10.06	168	629310	39.055	ng	99
55) 4-Nitrophenol	10.00	139	157798	50.363	ng	# 81
56) 2,4-Dinitrotoluene	10.06	165	168922	40.958	ng	97
57) Fluorene	10.40	166	551836	42.609	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	110909	39.361	ng	95
59) Diethylphthalate	10.27	149	560146	39.271	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	241776	41.559	ng	95
61) 4-Nitroaniline	10.44	138	153626	42.974	ng	87
62) Azobenzene	10.56	77	474802	36.203	ng	89
64) 4,6-Dinitro-2-methylphenol	10.47	198	94047	44.094	ng	# 71
65) n-Nitrosodiphenylamine	10.52	169	484255	39.875	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	139731	40.722	ng	96
67) Hexachlorobenzene	10.96	284	152715	41.670	ng	# 88
68) Atrazine	11.04	200	137001	37.495	ng	98
69) Pentachlorophenol	11.15	266	77096	33.801	ng	99
70) Phenanthrene	11.37	178	762945	40.659	ng	99
71) Anthracene	11.42	178	776046	40.420	ng	100
72) Carbazole	11.58	167	748176	39.794	ng	98
73) Di-n-butylphthalate	11.89	149	880780	38.920	ng	99
74) Fluoranthene	12.56	202	772796	40.672	ng	99
76) Benzidine	12.68	184	333604	36.238	ng	100
77) Pyrene	12.79	202	800626	42.183	ng	100
79) Butylbenzylphthalate	13.39	149	369745	41.451	ng	92
80) Benzo(a)anthracene	13.97	228	621558	41.240	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	207080	37.480	ng	98
82) Chrysene	14.02	228	594508	41.432	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	497454	40.501	ng	99
84) Di-n-octyl phthalate	14.56	149	854610	43.212	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	424860	37.014	ng	97
87) Benzo(b)fluoranthene	15.02	252	494705	43.199	ng	97
88) Benzo(k)fluoranthene	15.05	252	477276	42.196	ng	99
89) Benzo(a)pyrene	15.39	252	435518	41.431	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	349088	41.496	ng	98
91) Benzo(g,h,i)perylene	17.36	276	366595	44.084	ng	96

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

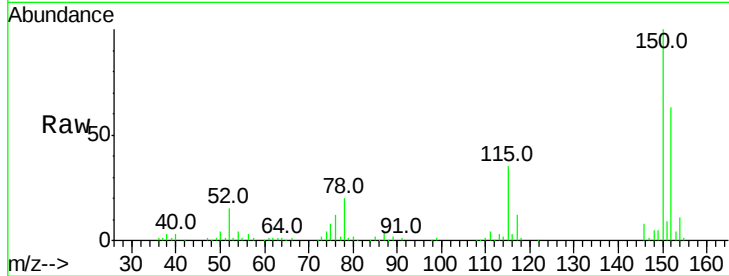


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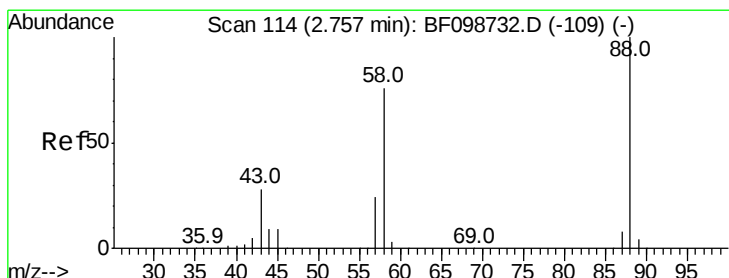
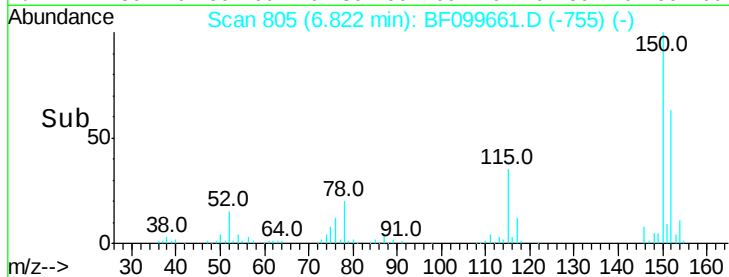
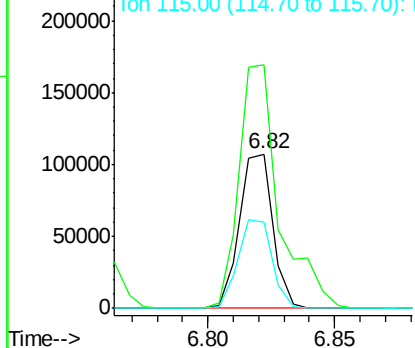
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 98253
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 55.8 50.1 75.1



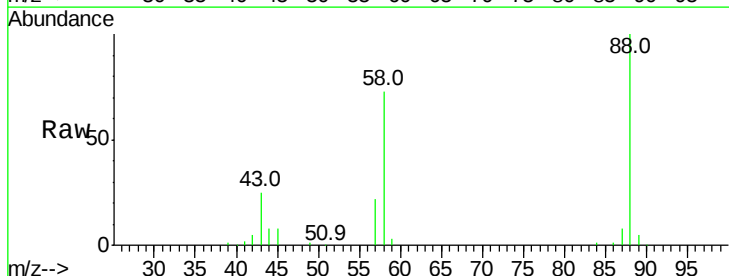
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



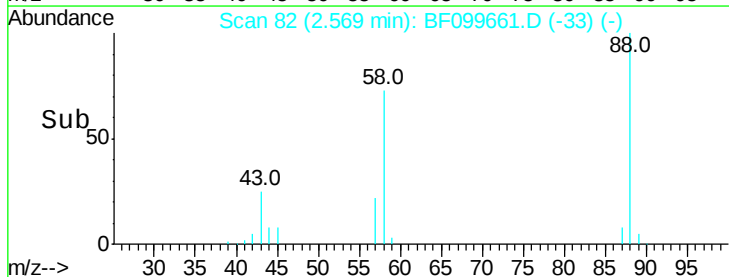
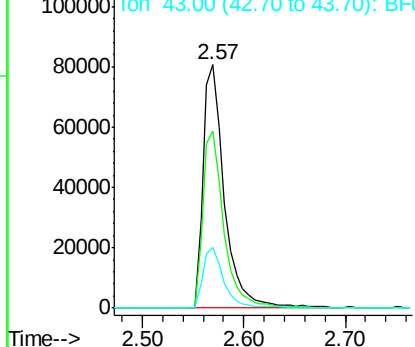
#2

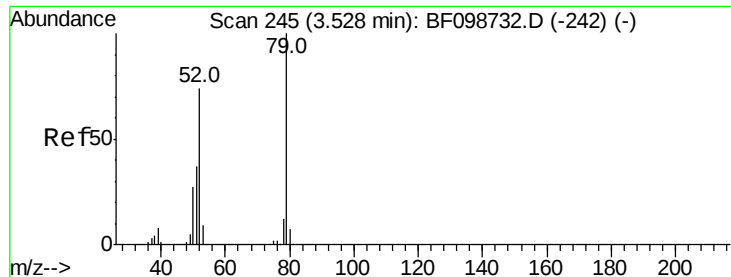
1,4-Dioxane
Concen: 39.787 ng
RT: 2.57 min Scan# 82
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion: 88 Resp: 117306
Ion Ratio Lower Upper
88 100
58 71.0 62.6 93.8
43 24.5 24.6 37.0#



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





#3

Pvrirdine

Concen: 37.847 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.02 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

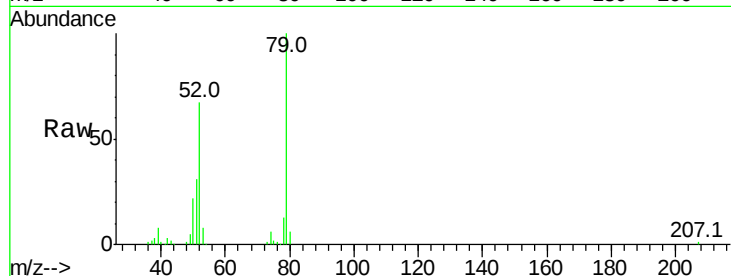
Tot Ion: 79 Resp: 301860

Ion Ratio Lower Upper

79 100

52 67.4 59.8 89.6

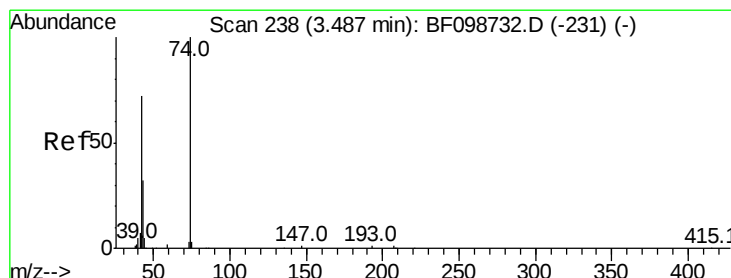
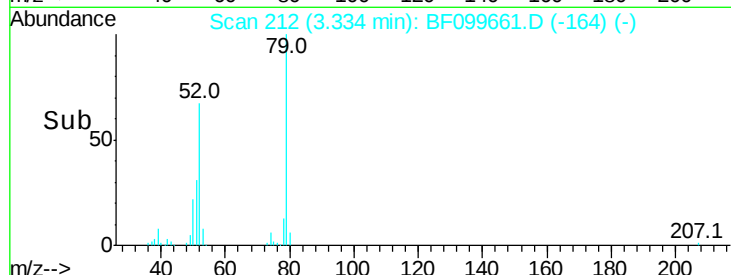
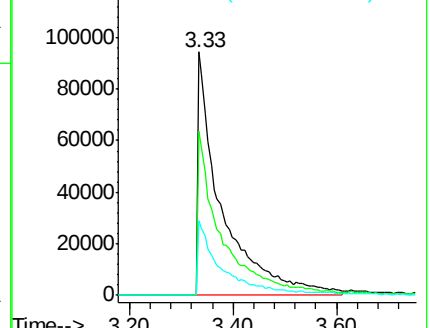
51 30.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.132 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.02 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

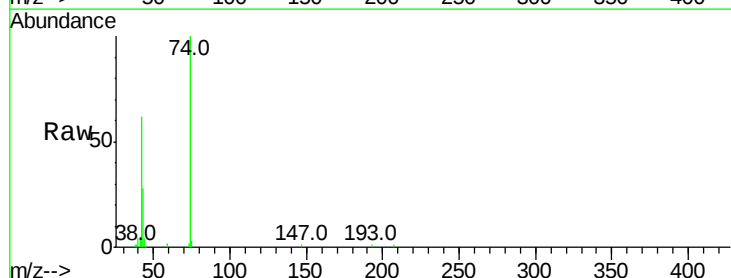
Tgt Ion: 42 Resp: 112058

Ion Ratio Lower Upper

42 100

74 161.4 104.9 157.3#

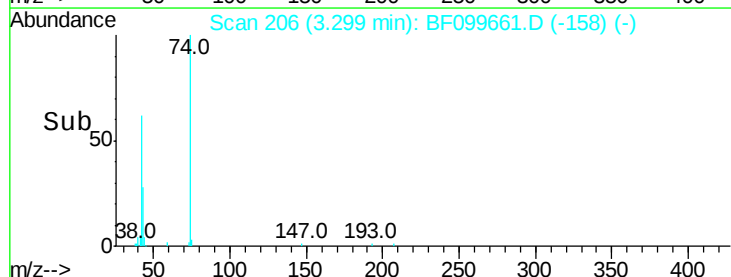
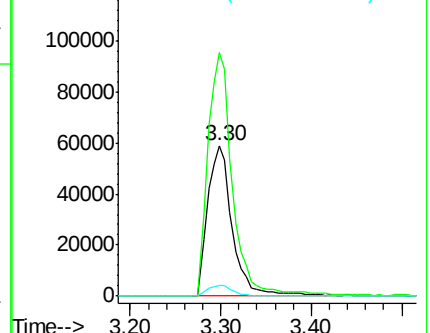
44 6.7 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.536 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

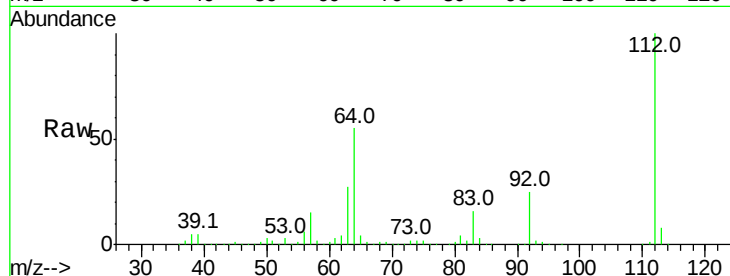
Tot Ion:112 Resp: 515587

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

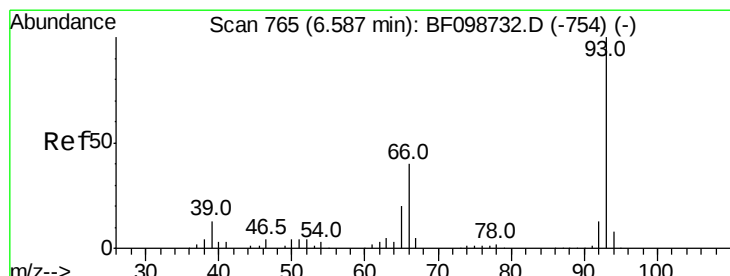
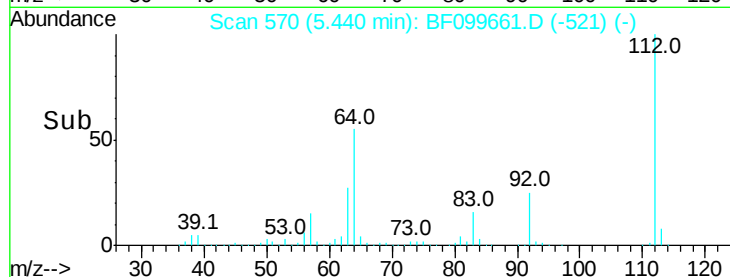
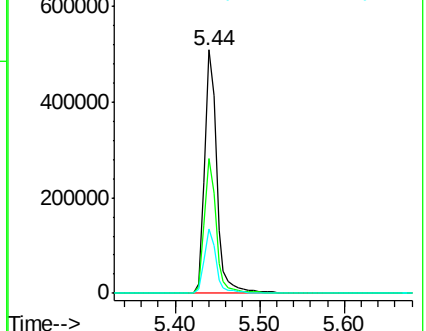
63 26.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.769 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

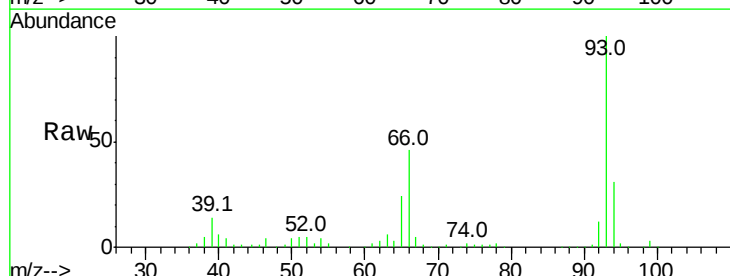
Tgt Ion: 93 Resp: 398394

Ion Ratio Lower Upper

93 100

66 45.6 32.2 48.2

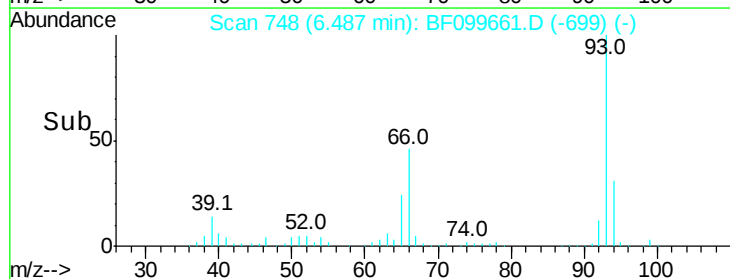
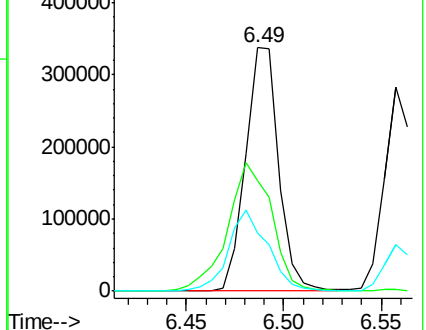
65 23.7 16.4 24.6

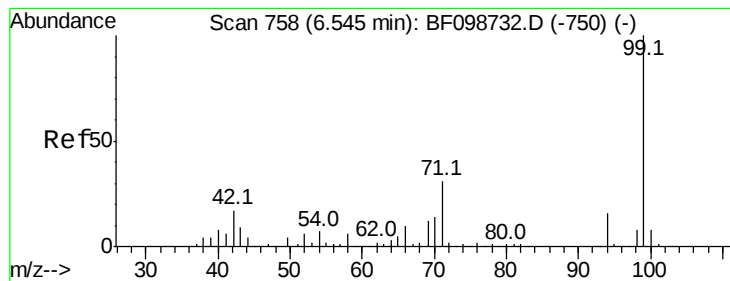


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.500 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

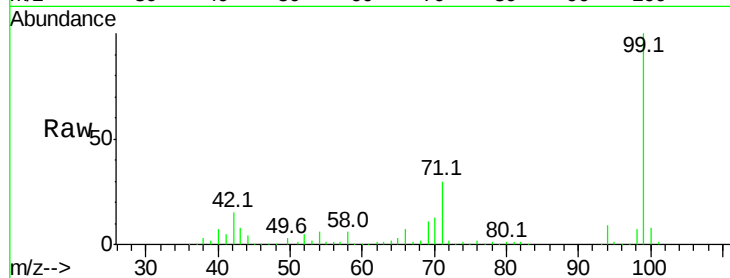
Tot Ion: 99 Resp: 628150

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

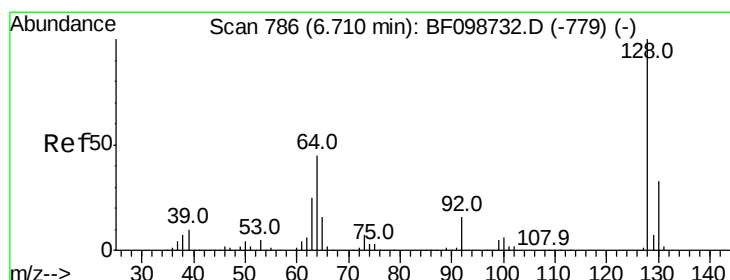
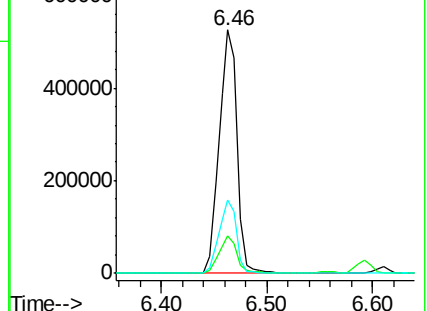
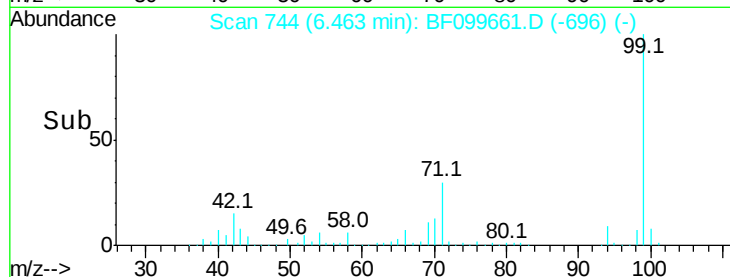
71 29.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.897 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

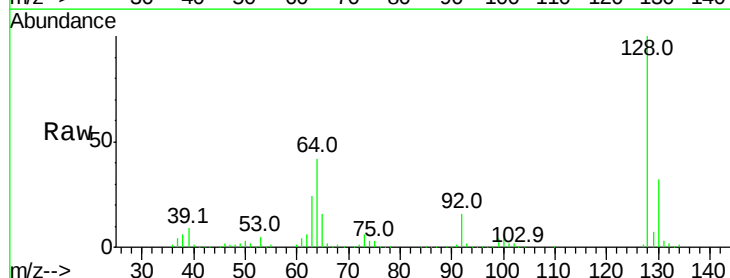
Tgt Ion: 128 Resp: 292843

Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

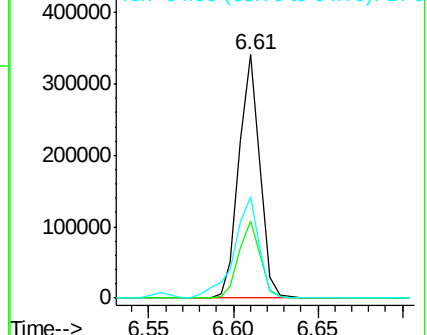
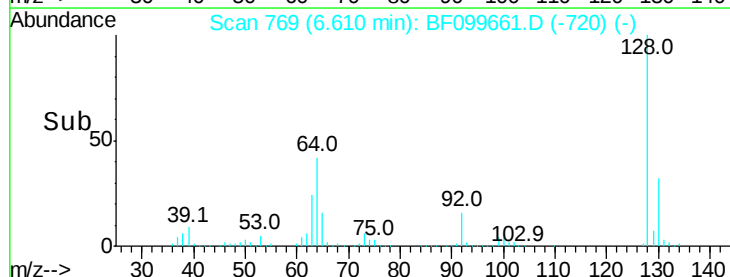
64 41.7 29.4 69.4

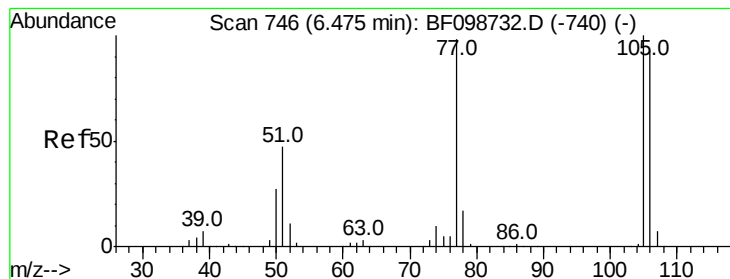


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.223 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

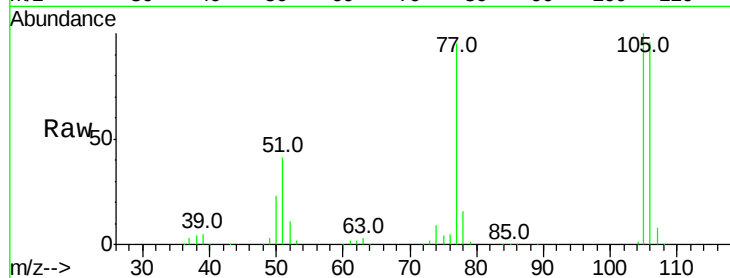
Tot Ion: 77 Resp: 142315

Ion Ratio Lower Upper

77 100

105 105.0 81.1 121.1

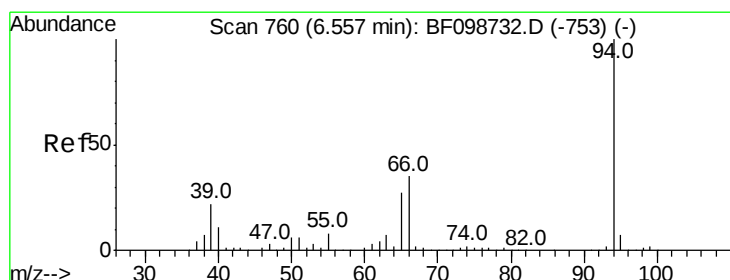
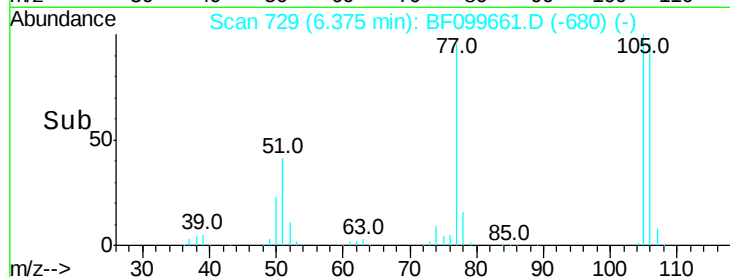
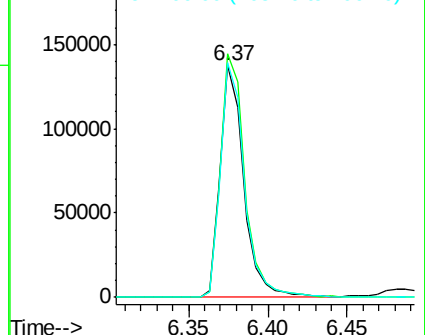
106 101.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.797 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

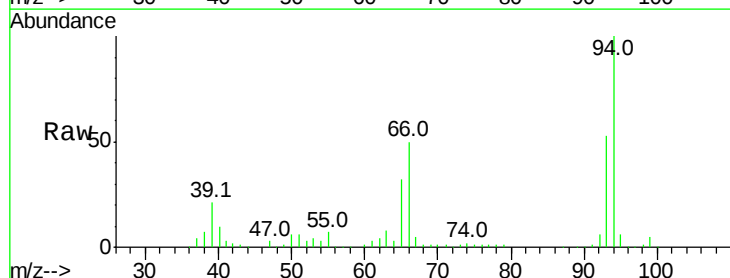
Tgt Ion: 94 Resp: 364427

Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

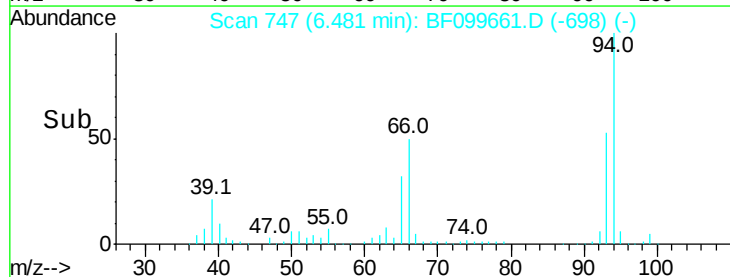
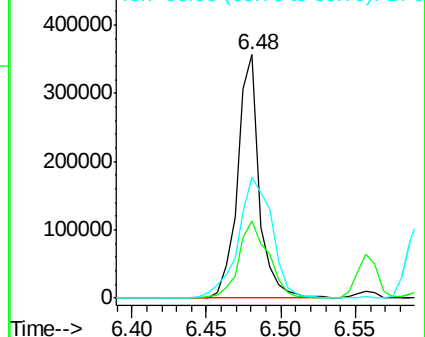
66 49.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

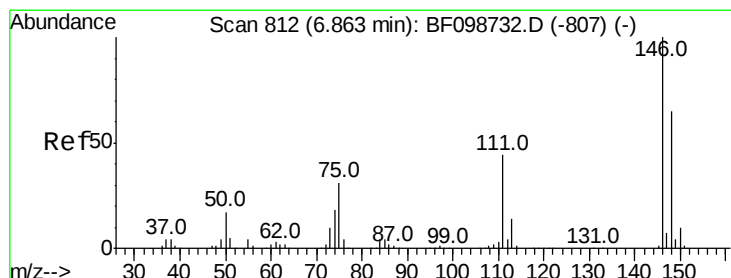
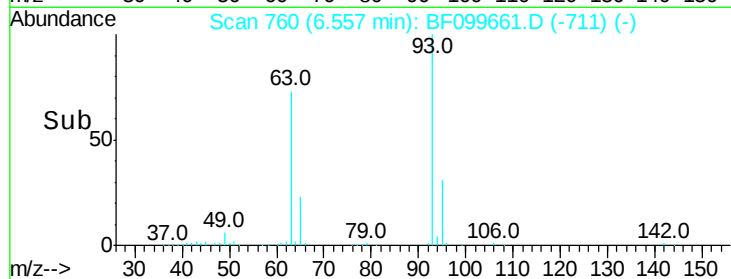
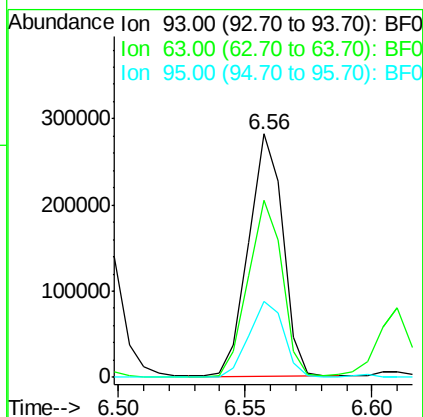
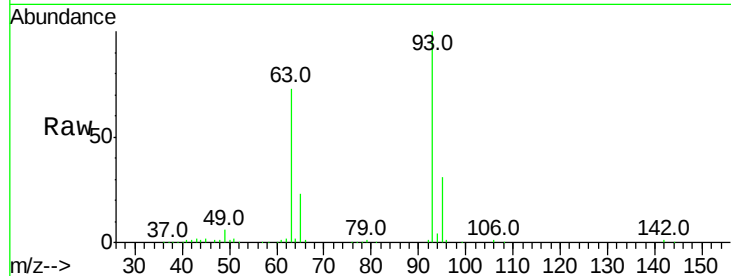




#11
 bis(2-Chloroethyl)ether
 Concen: 40.265 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

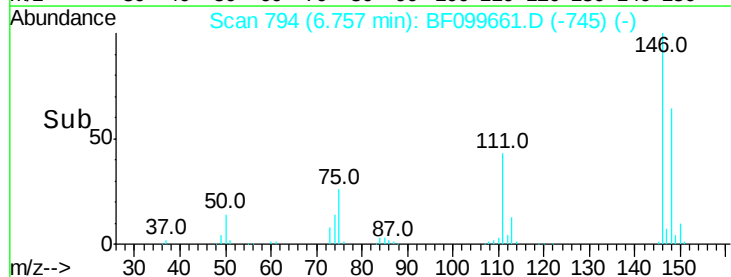
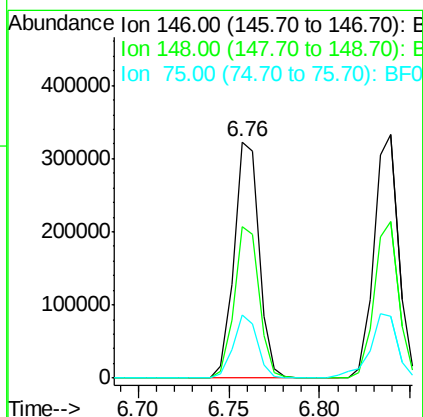
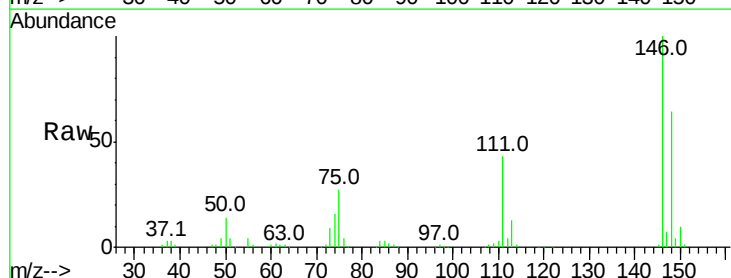
Instrument :
 BNA_F
 ClientSampleId :

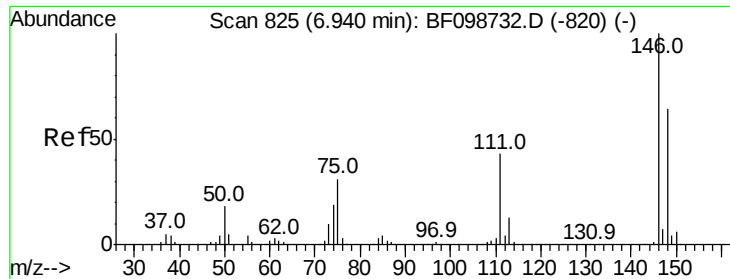
Tot Ion:	93	Resp:	266548
Ion	Ratio	Lower	Upper
93	100		
63	72.9	58.6	98.6
95	31.3	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.532 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion:	146	Resp:	311338
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	26.7	24.2	36.4

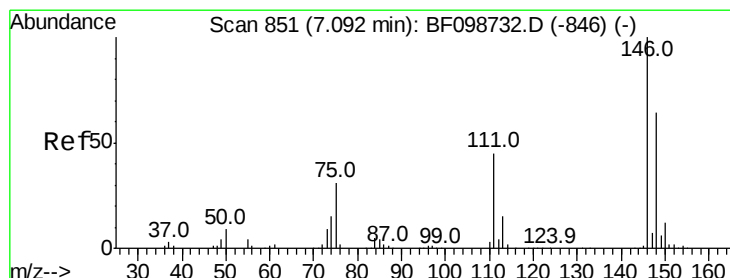
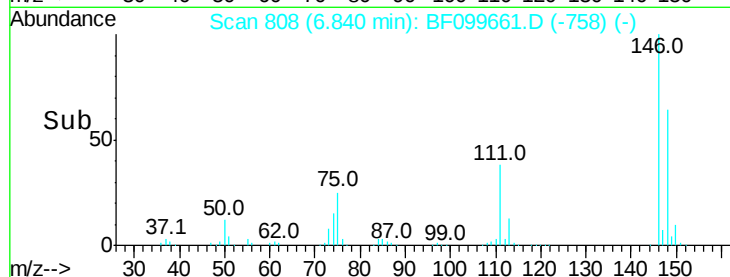
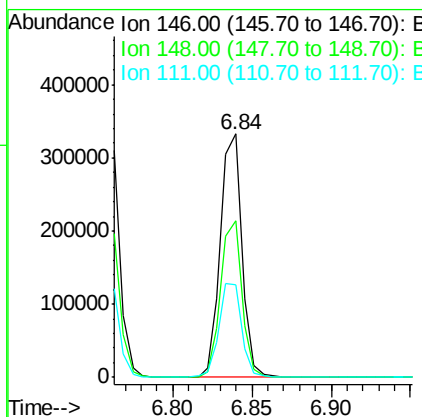
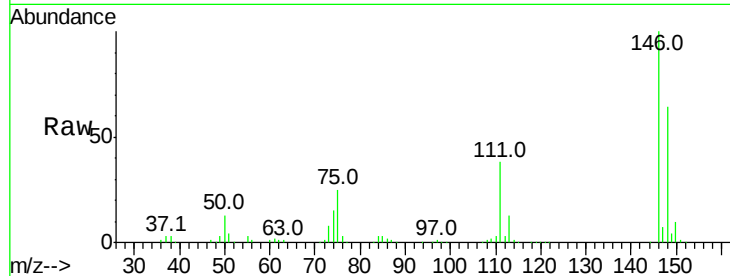




#13
 1,4-Dichlorobenzene
 Concen: 42.222 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

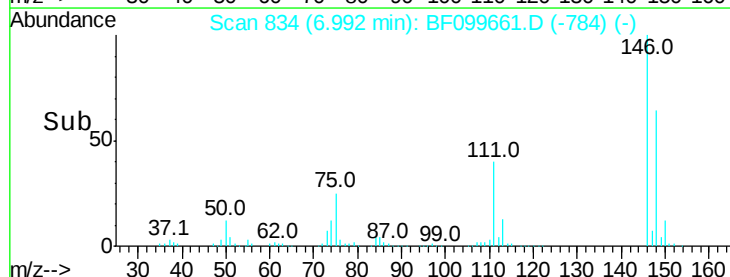
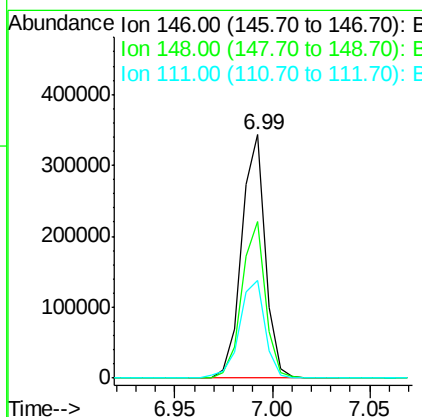
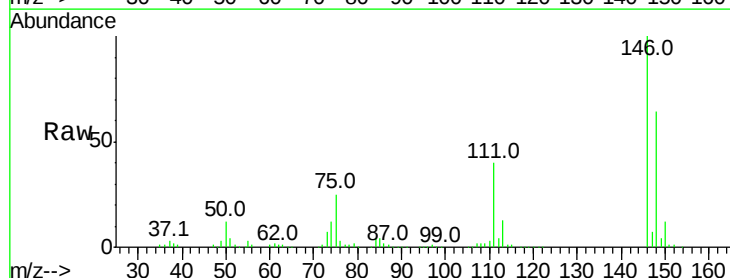
Instrument :
 BNA_F
 ClientSampled :

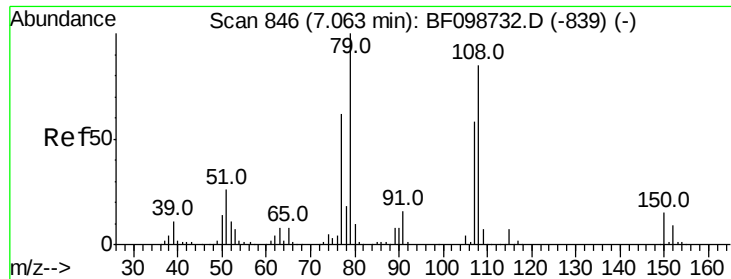
Tot Ion:146 Resp: 314454
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 37.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.704 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion:146 Resp: 286994
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 40.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.995 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

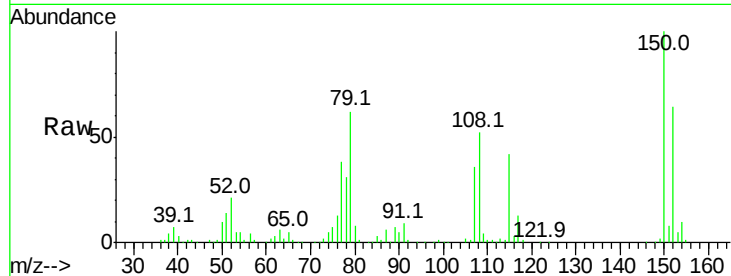
Tot Ion: 79 Resp: 195469

Ion Ratio Lower Upper

79 100

108 83.7 65.1 97.7

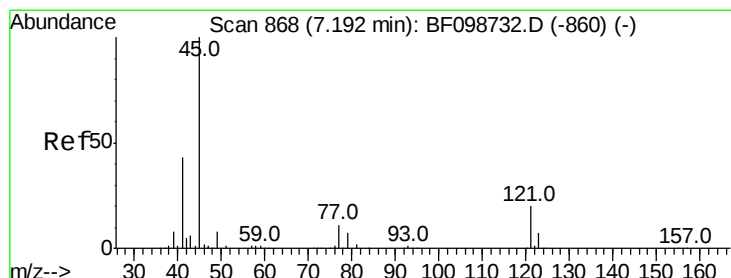
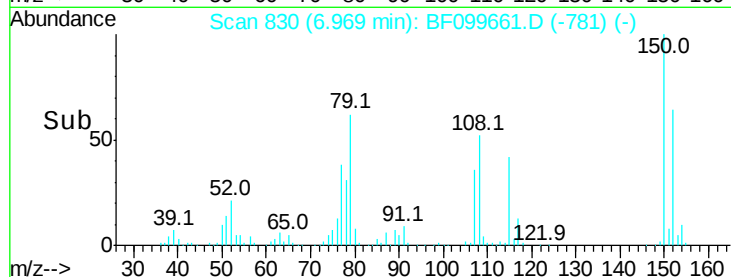
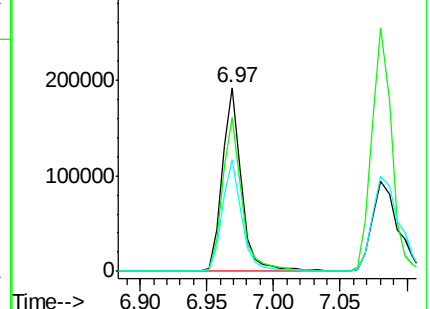
77 60.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.663 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

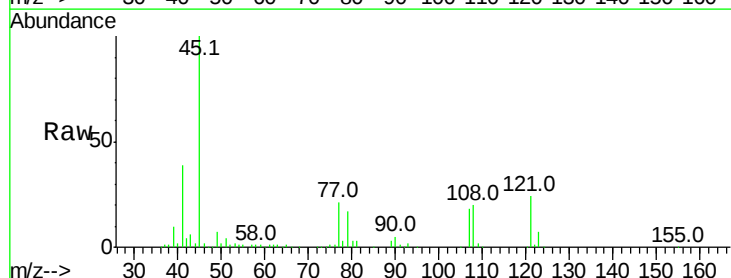
Tgt Ion: 45 Resp: 336874

Ion Ratio Lower Upper

45 100

77 20.9 0.0 32.9

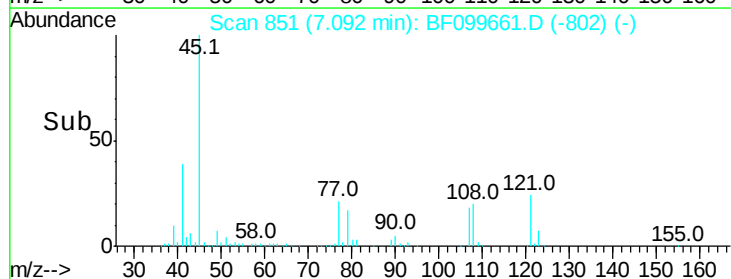
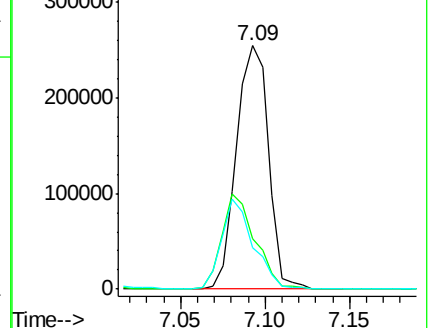
79 17.2 0.0 29.6

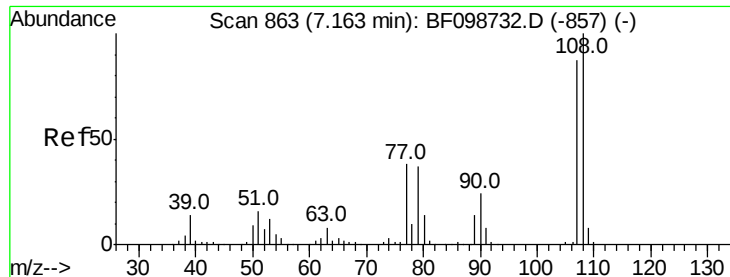


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.751 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 227339

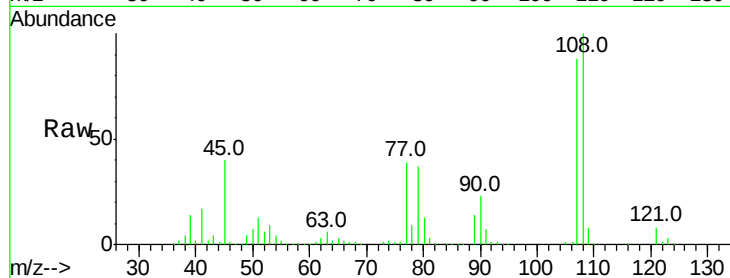
Ion Ratio Lower Upper

107 100

108 113.2 91.7 137.5

77 44.3 33.8 50.8

79 41.9 33.8 50.8

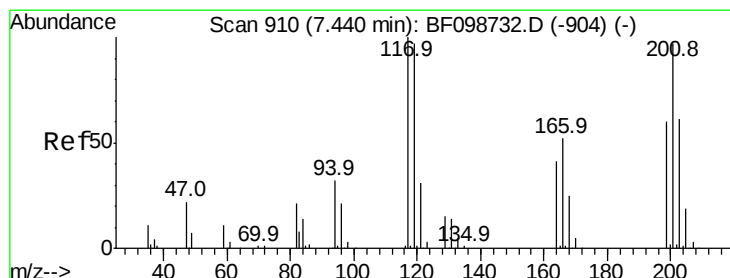
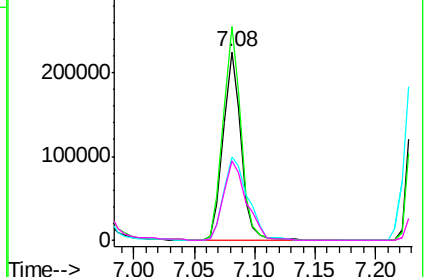
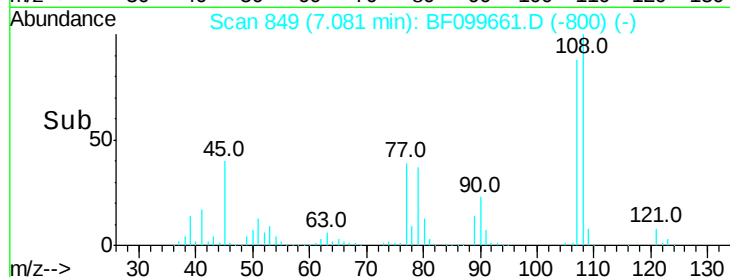


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.037 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

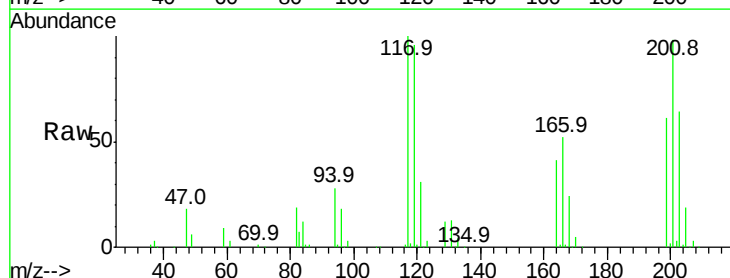
Tgt Ion:117 Resp: 104501

Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.8

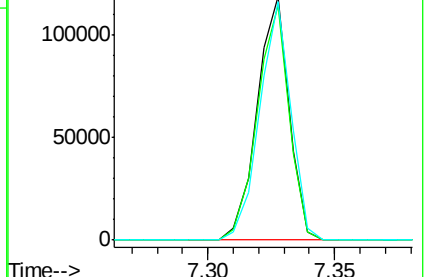
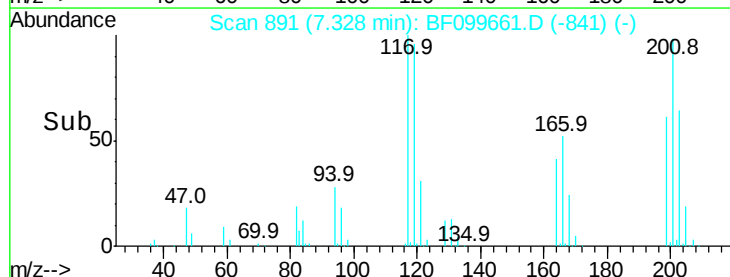
201 98.1 75.7 113.5

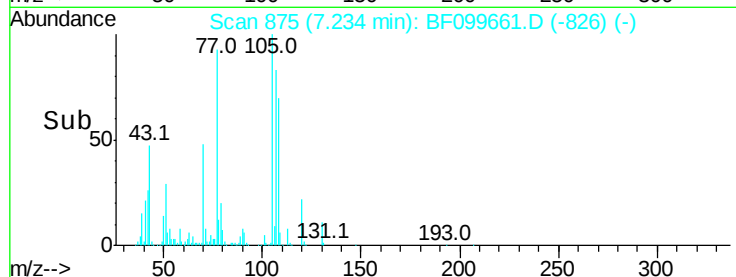
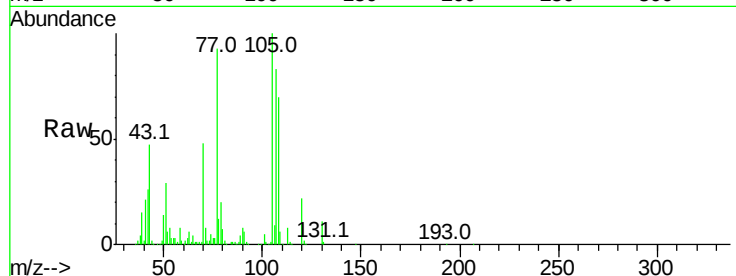
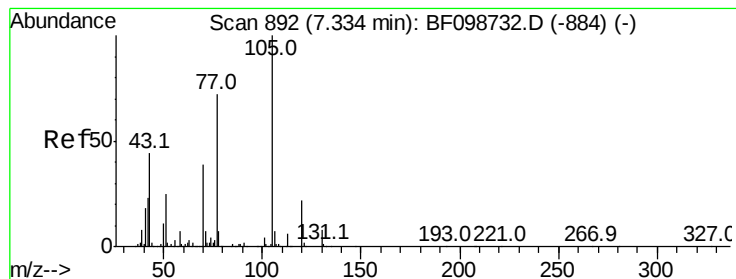


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.803 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 169184

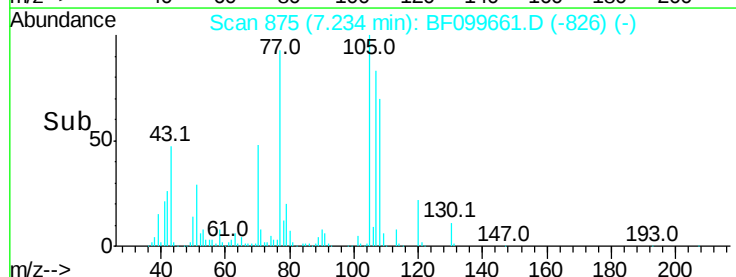
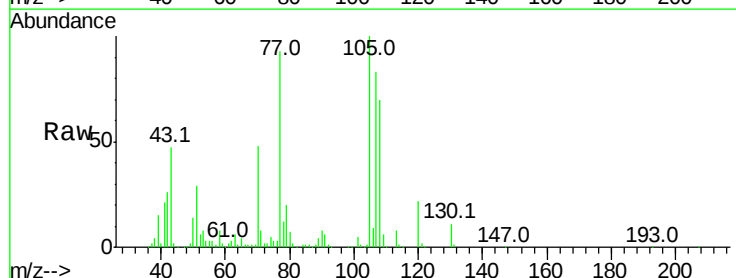
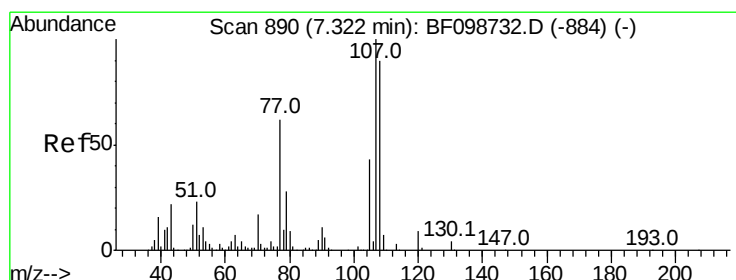
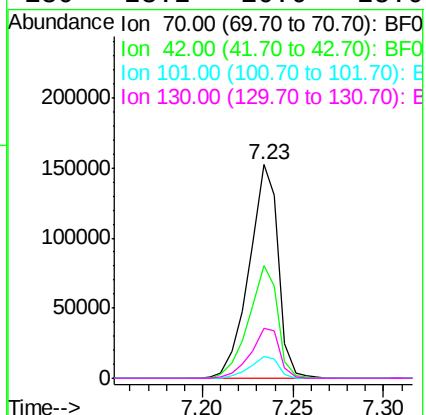
Ion Ratio Lower Upper

70 100

42 52.9 47.5 71.3

101 9.9 7.4 11.2

130 23.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.984 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Tgt Ion:107 Resp: 274816

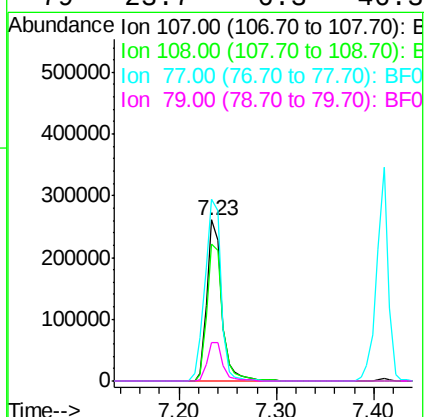
Ion Ratio Lower Upper

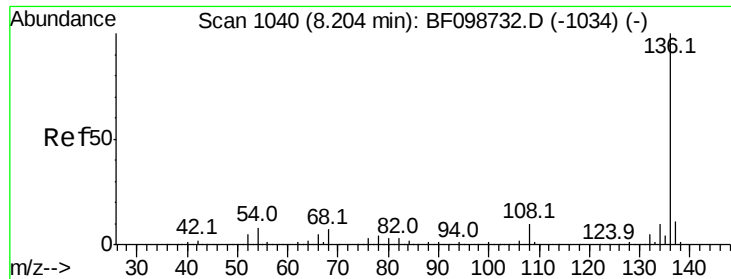
107 100

108 85.3 68.2 108.2

77 112.6 26.7 66.7#

79 23.7 6.3 46.3

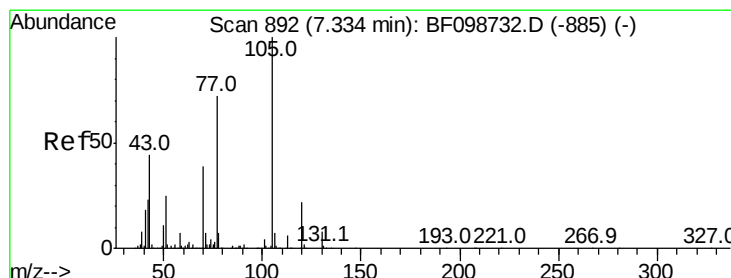
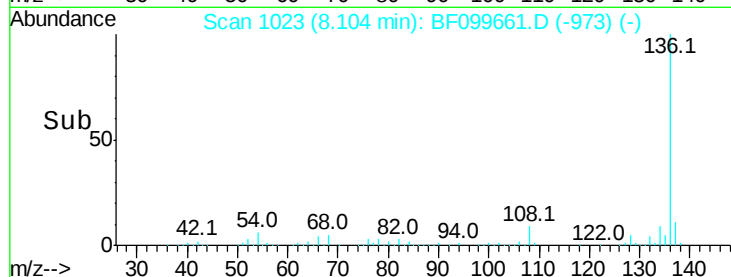
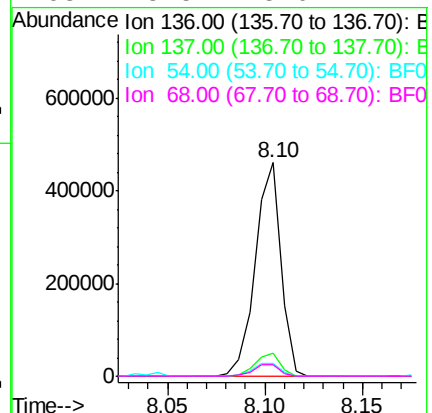
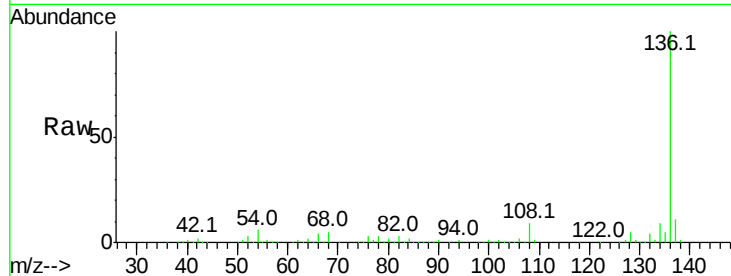




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

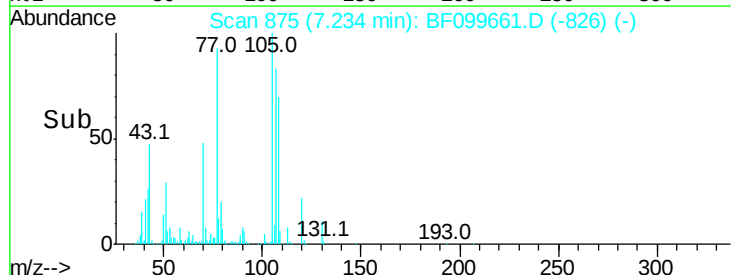
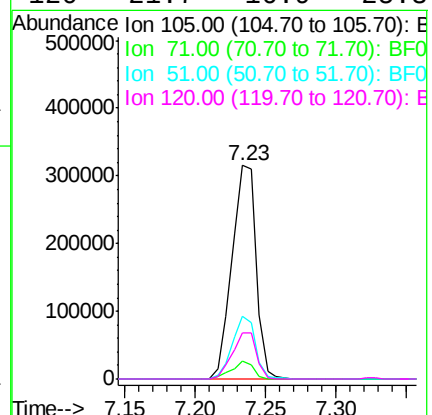
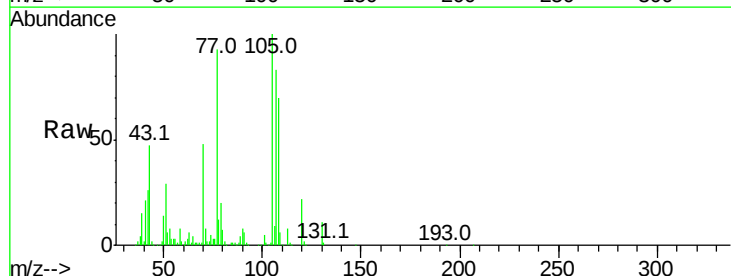
Instrument :
BNA_F
ClientSampleId :

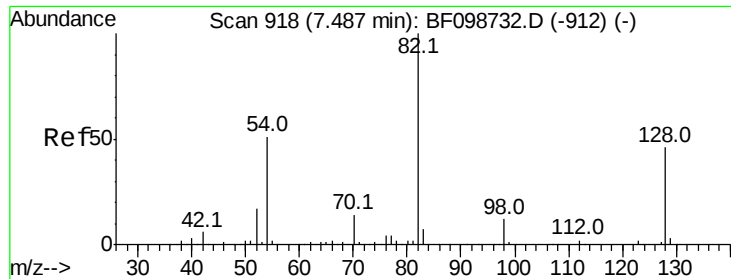
Tot Ion:	136	Resp:	418008
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4



#22
Acetophenone
Concen: 37.083 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion:	105	Resp:	375564
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	29.3	22.3	33.5
120	21.7	16.9	25.3

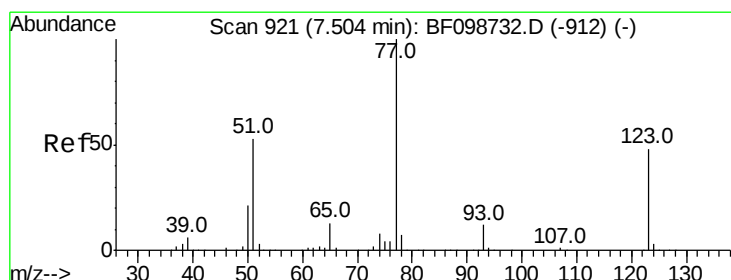
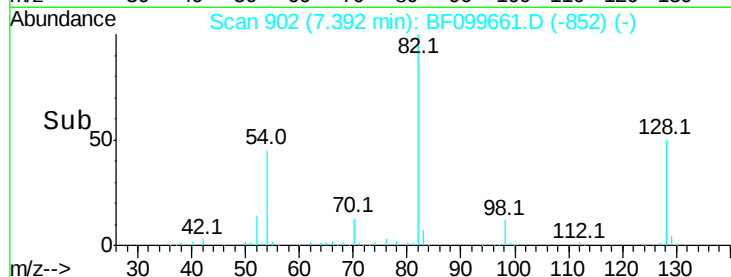
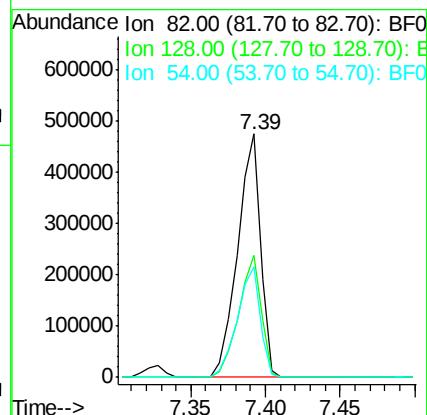
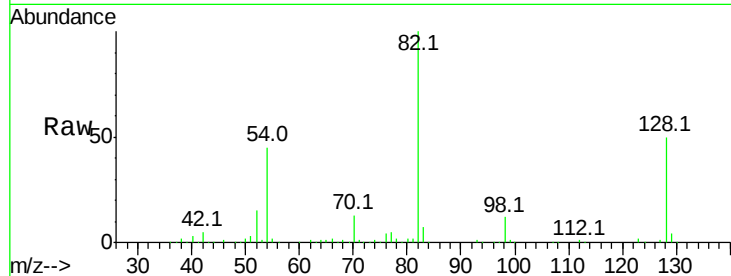




#23
 Nitrobenzene-d5
 Concen: 78.597 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

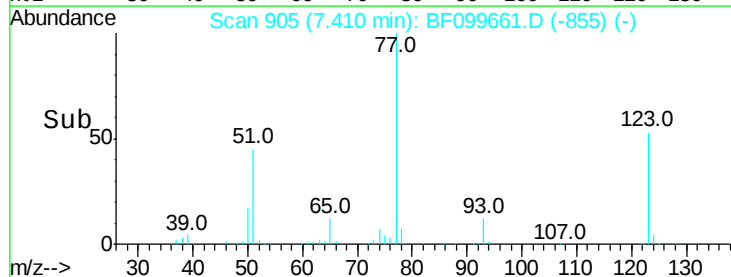
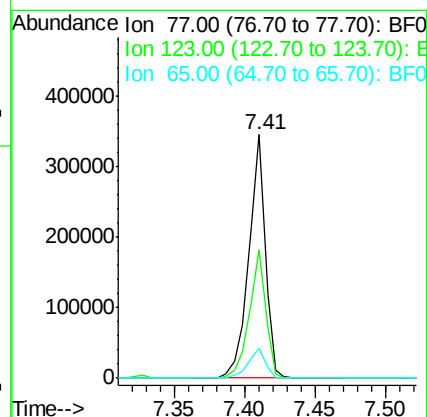
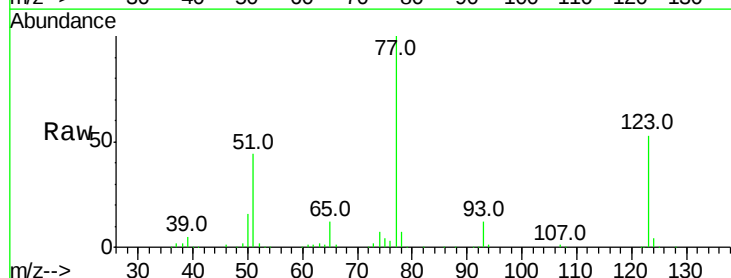
Instrument :
 BNA_F
 ClientSampleId :

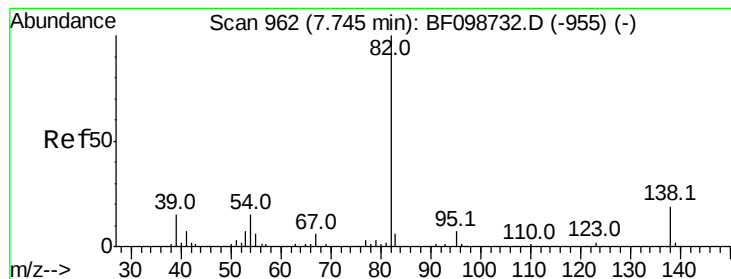
Tot Ion	82	Resp	512307
Ion Ratio	100	Lower	Upper
128	50.3	36.1	54.1
54	45.4	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.388 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion	77	Resp	283837
Ion Ratio	100	Lower	Upper
123	52.7	37.9	56.9
65	12.3	11.0	16.4





#25

Isophorone

Concen: 37.232 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

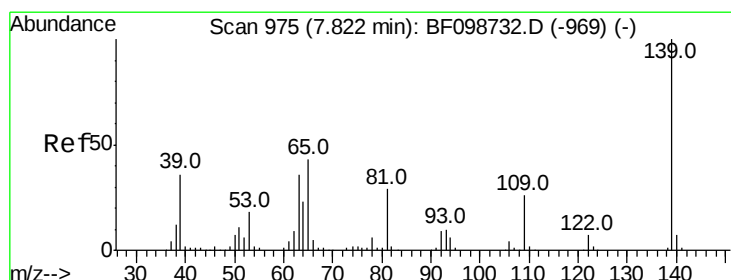
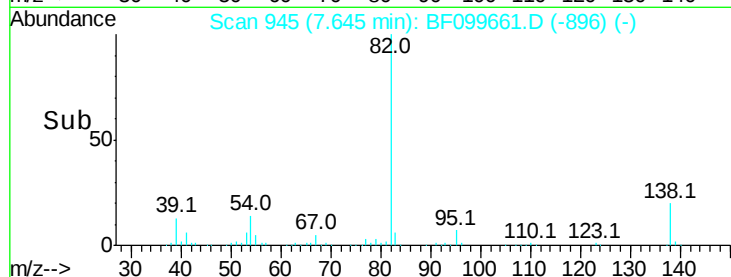
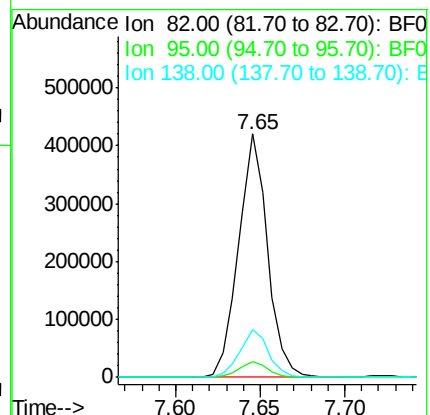
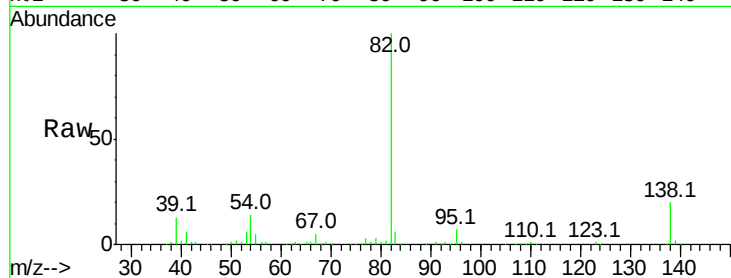
Tot Ion: 82 Resp: 501748

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 45.776 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

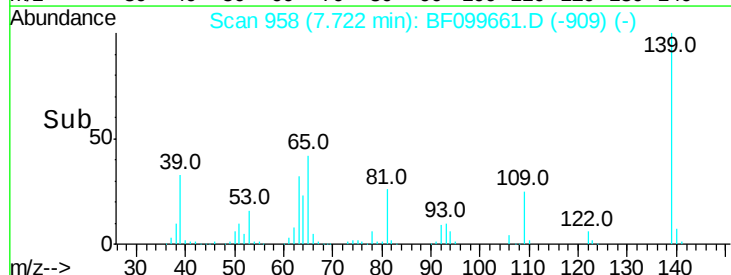
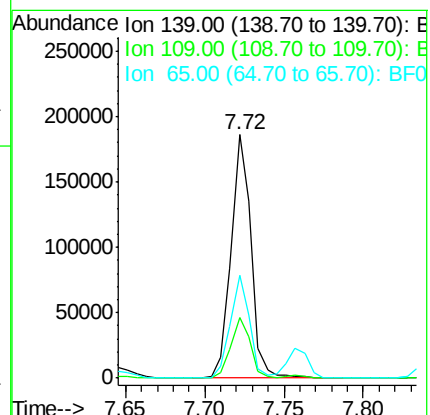
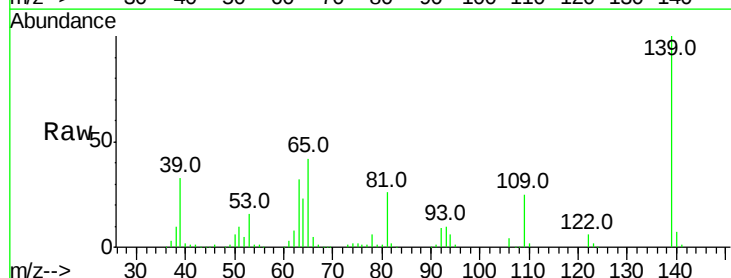
Tgt Ion: 139 Resp: 162762

Ion Ratio Lower Upper

139 100

109 24.7 22.7 34.1

65 42.2 40.5 60.7

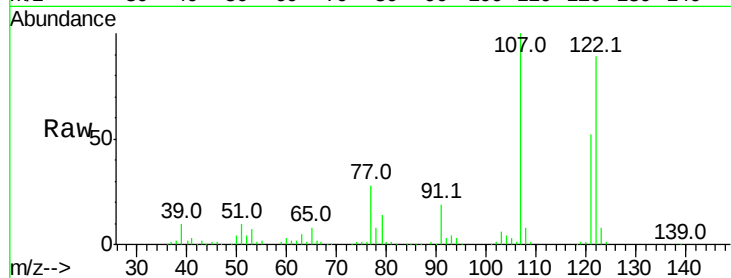




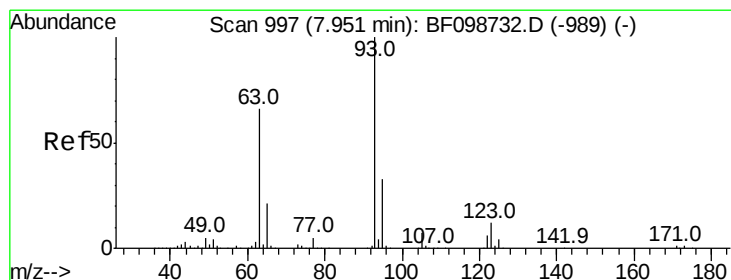
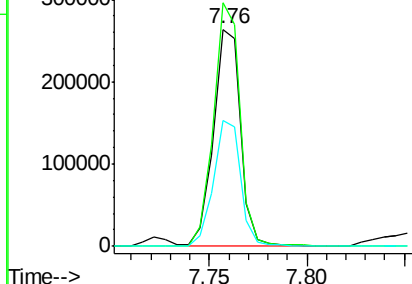
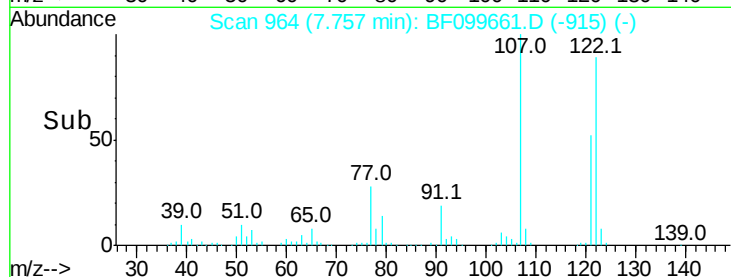
#27
 2,4-Dimethylphenol
 Concen: 37.667 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 252927
 Ion Ratio Lower Upper
 122 100
 107 112.2 91.2 136.8
 121 58.1 47.2 70.8

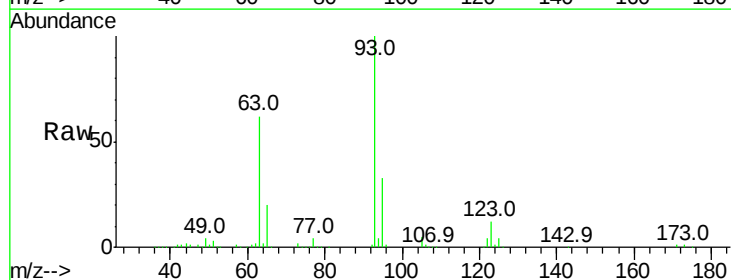


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

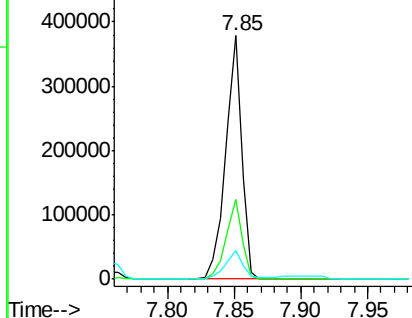
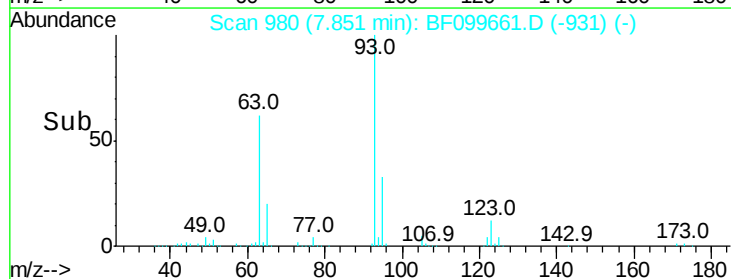


#28
 bis(2-Chloroethoxy)methane
 Concen: 38.883 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion: 93 Resp: 326549
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

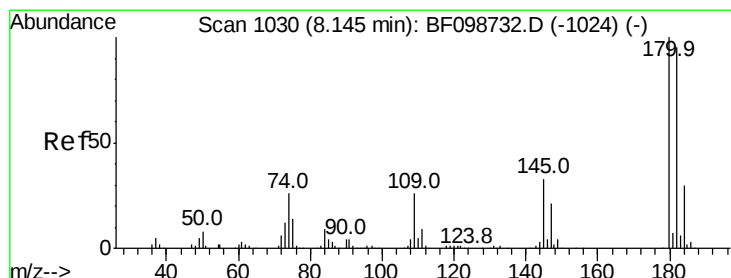
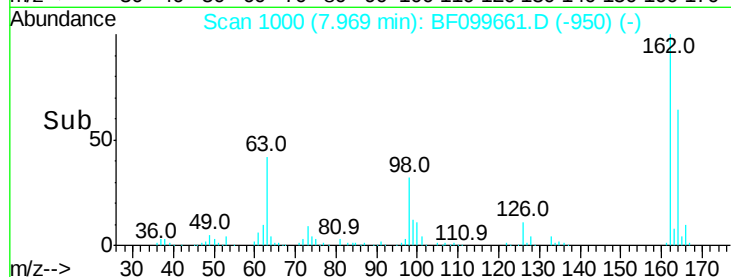
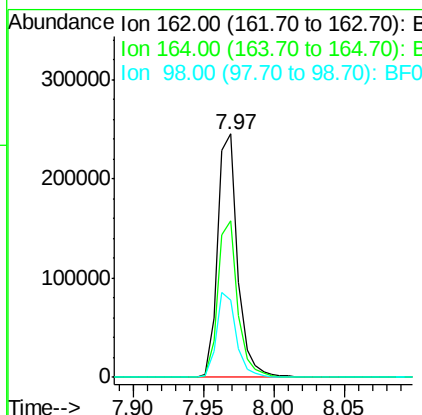
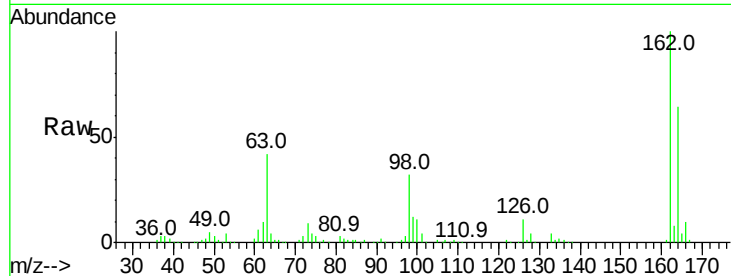




#29
 2,4-Dichlorophenol
 Concen: 42.021 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

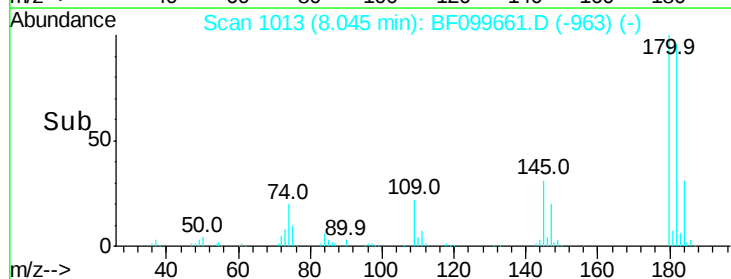
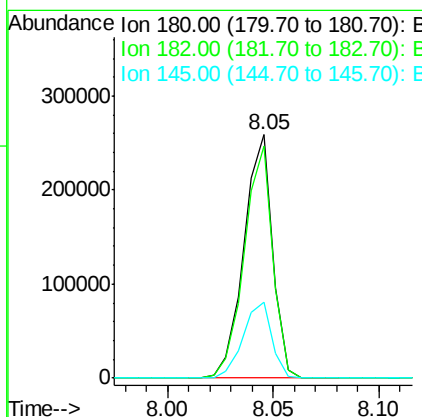
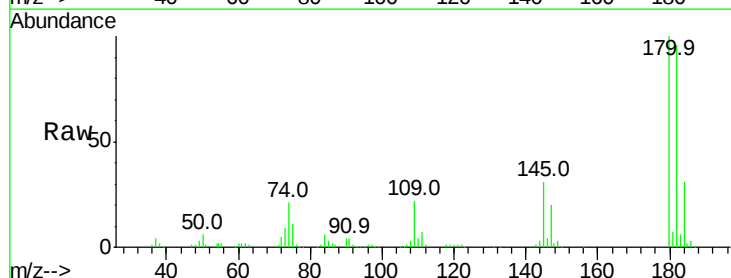
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	31.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.158 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	30.9	26.5	39.7





#31

Naphthalene

Concen: 41.007 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

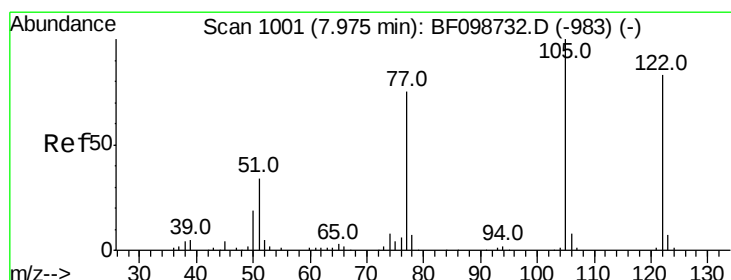
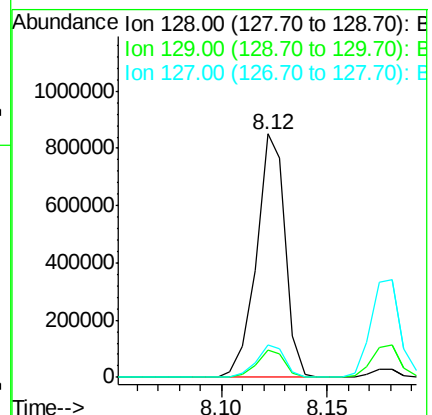
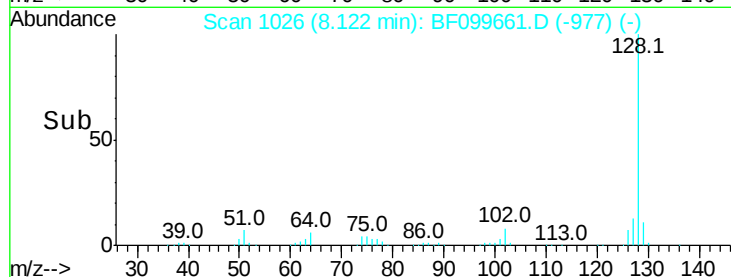
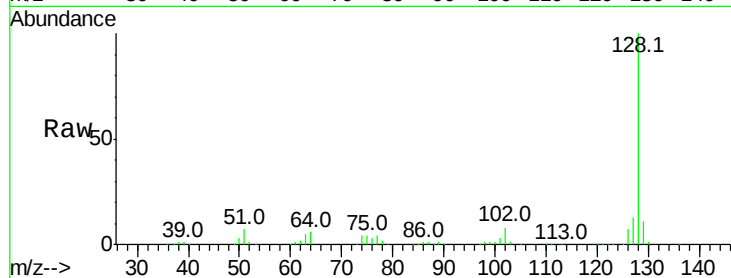
Tot Ion:128 Resp: 805063

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.1 10.9 16.3



#32

Benzoic acid

Concen: 37.286 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

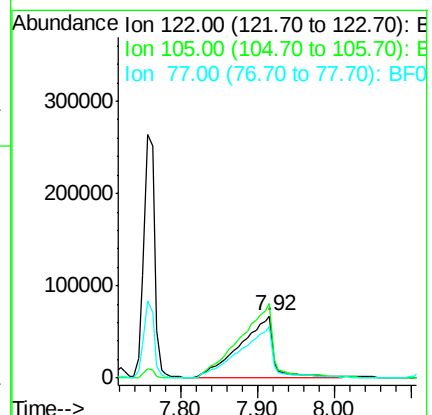
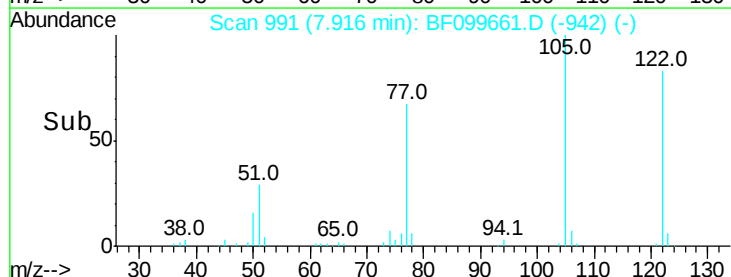
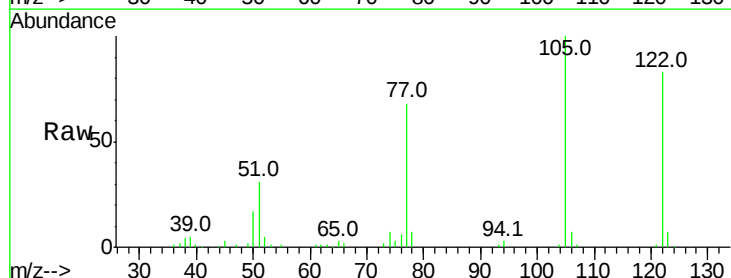
Tgt Ion:122 Resp: 205658

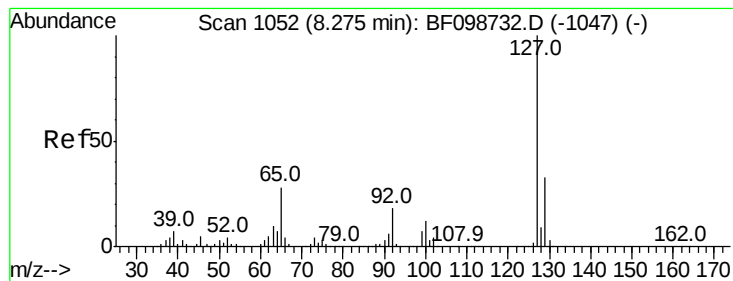
Ion Ratio Lower Upper

122 100

105 120.8 101.1 141.1

77 82.3 70.7 110.7





#33

4-Chloroaniline

Concen: 41.083 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 336814

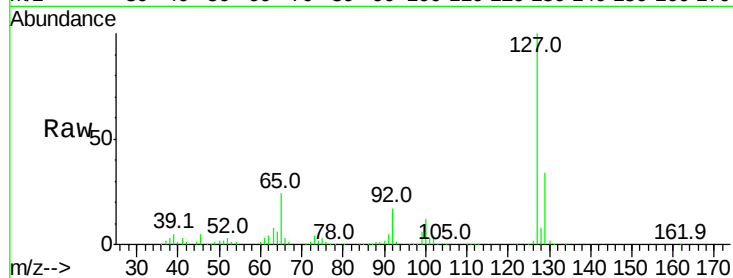
Ion Ratio Lower Upper

127 100

129 33.8 25.9 38.9

65 24.0 25.0 37.4#

92 17.2 15.2 22.8

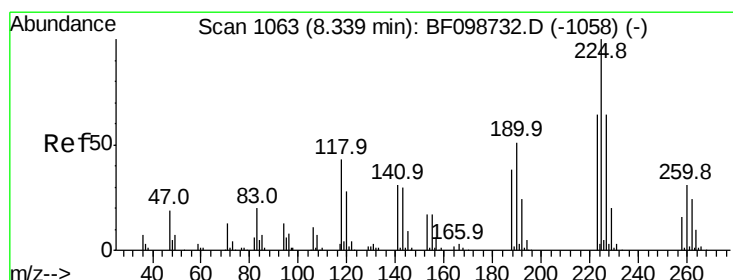
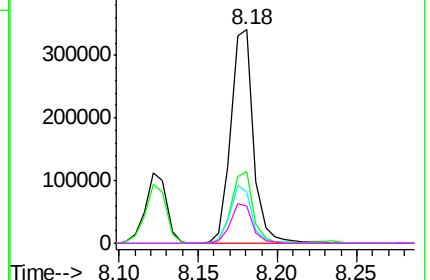
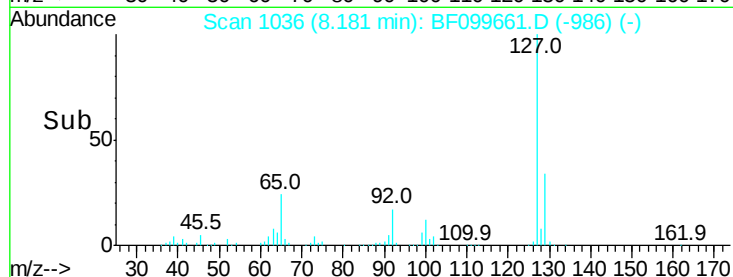


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.638 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

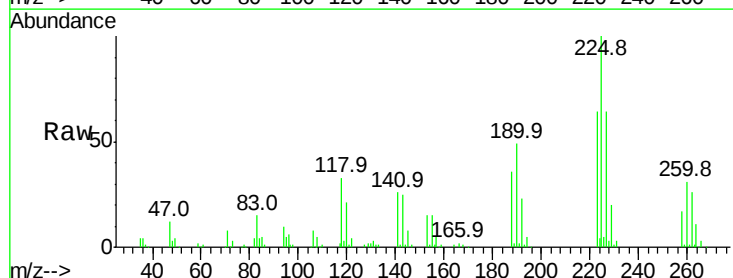
Tgt Ion:225 Resp: 120692

Ion Ratio Lower Upper

225 100

223 64.2 50.6 76.0

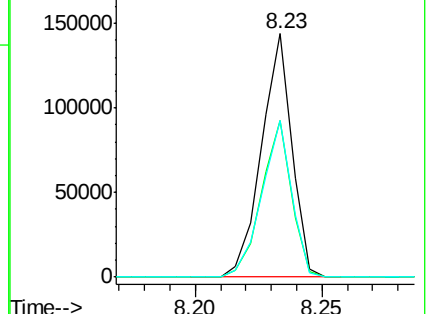
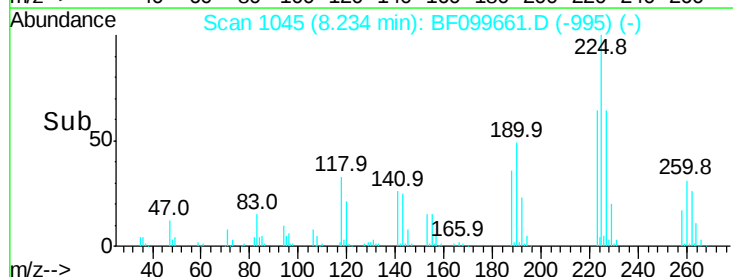
227 64.4 51.9 77.9

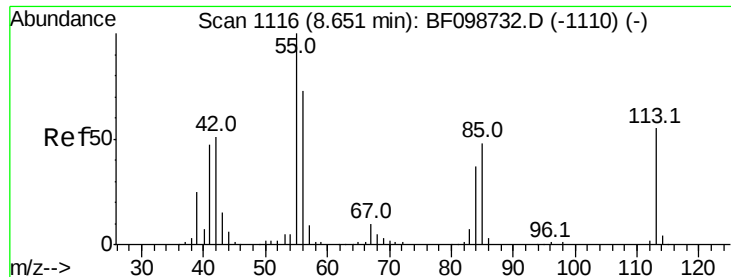


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

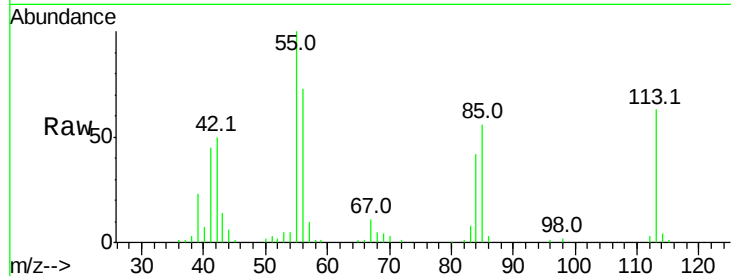




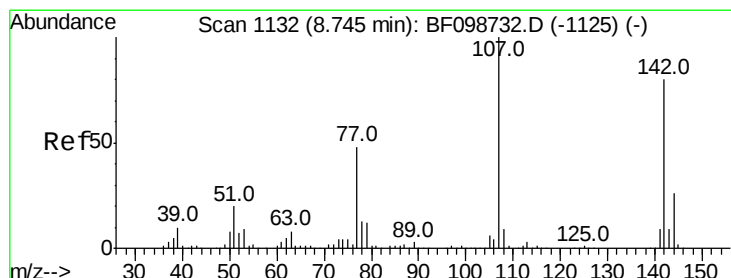
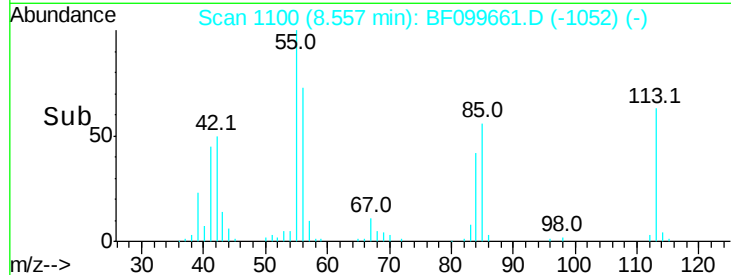
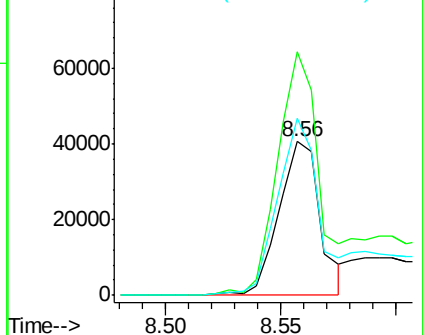
#35
 Caprolactam
 Concen: 27.063 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 50048
 Ion Ratio Lower Upper
 113 100
 55 158.4 163.3 203.3#
 56 115.0 115.7 155.7#

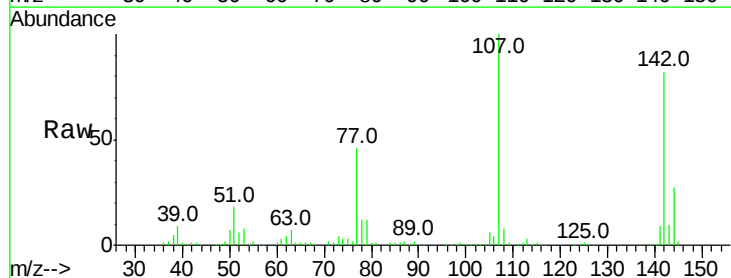


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

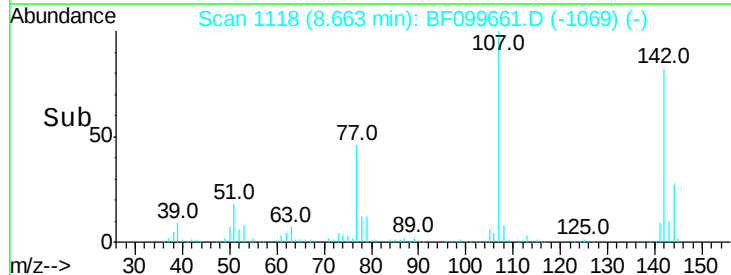
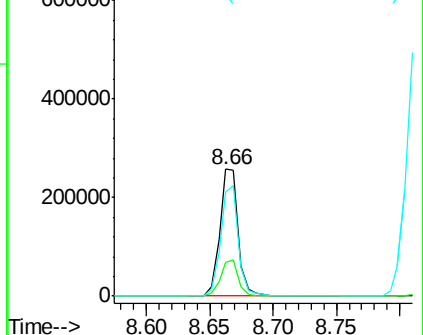


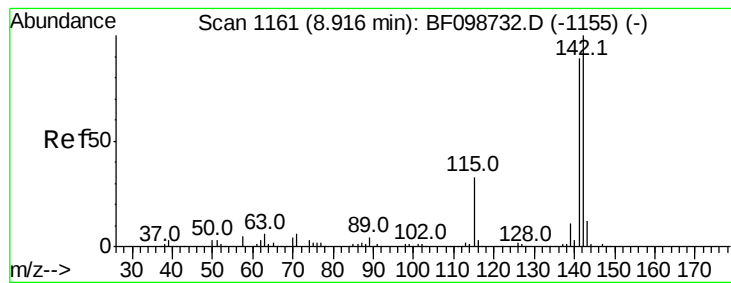
#36
 4-Chloro-3-methylphenol
 Concen: 40.239 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion:107 Resp: 260750
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 81.8 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

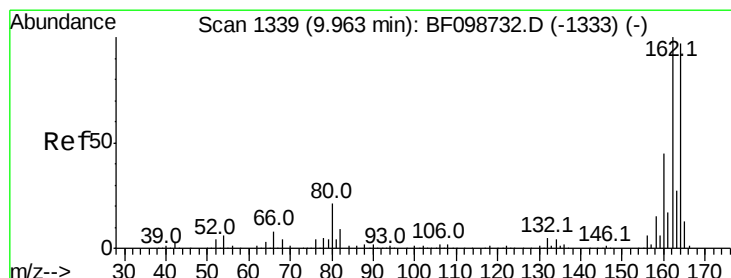
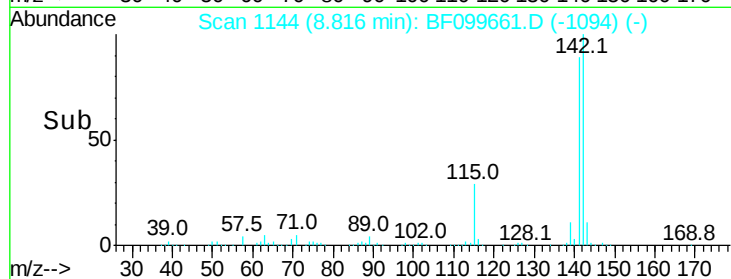
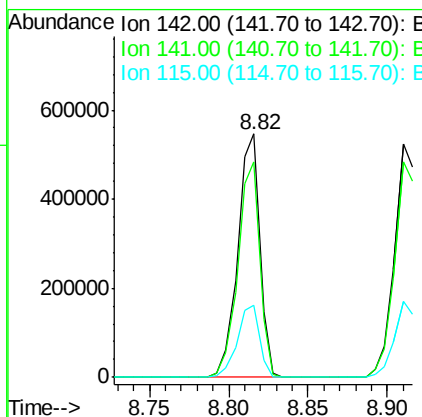
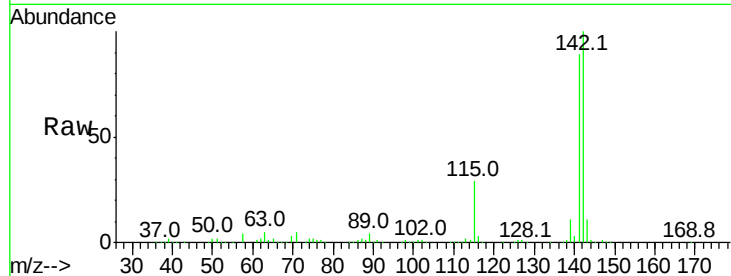




#37
2-Methylnaphthalene
Concen: 41.217 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

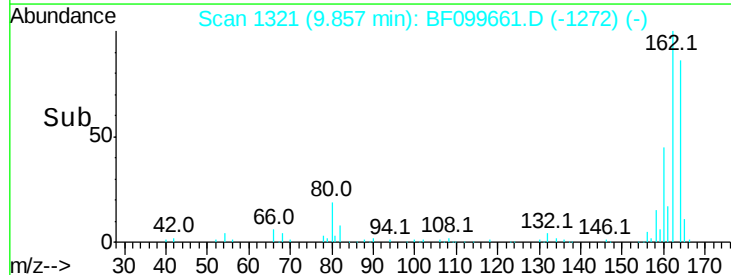
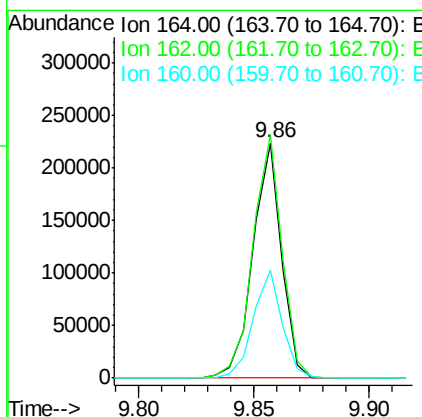
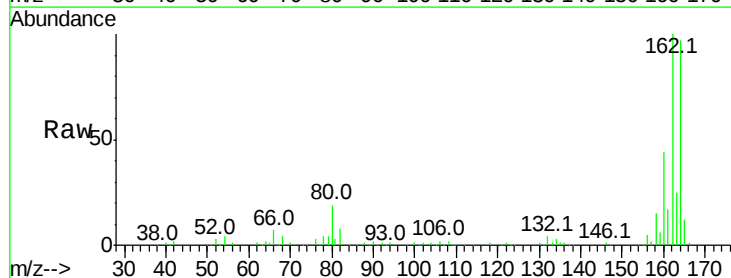
Instrument :
BNA_F
ClientSampleId :

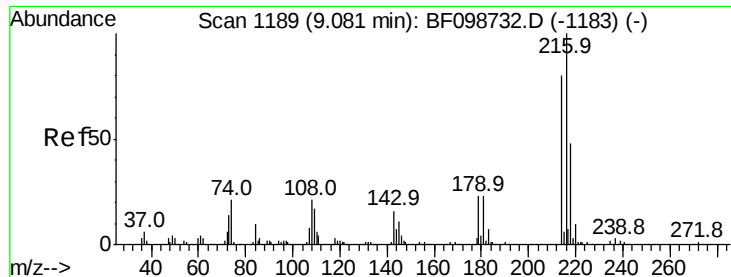
Tot Ion:142 Resp: 526040
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 29.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion:164 Resp: 193404
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 45.9 38.3 57.5

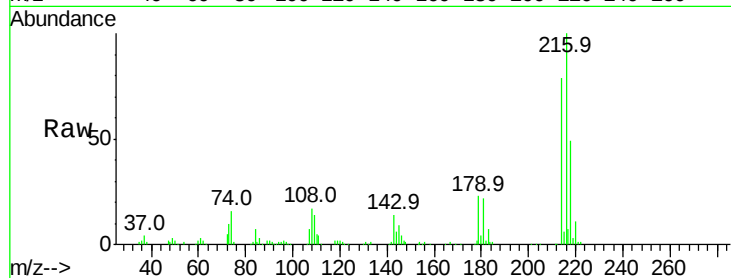




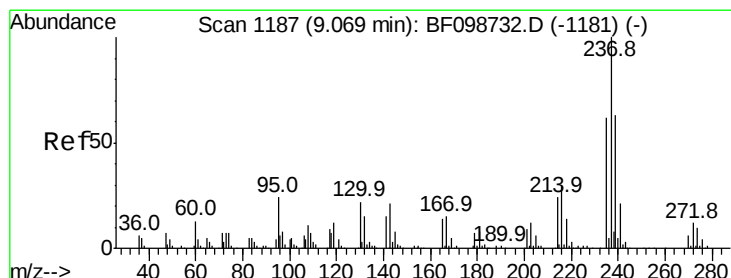
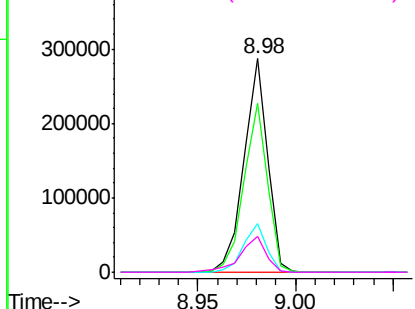
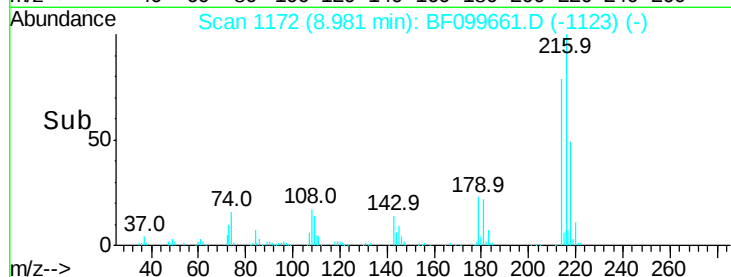
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.792 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	241048
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.4
179	22.4	18.1	27.1
108	18.5	17.2	25.8

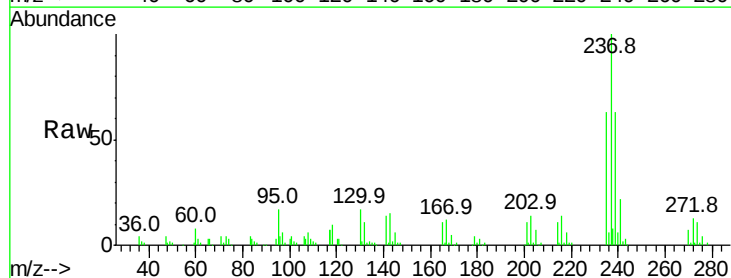


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

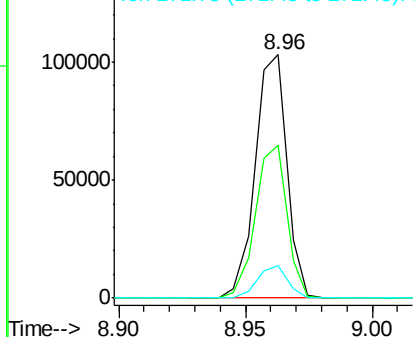
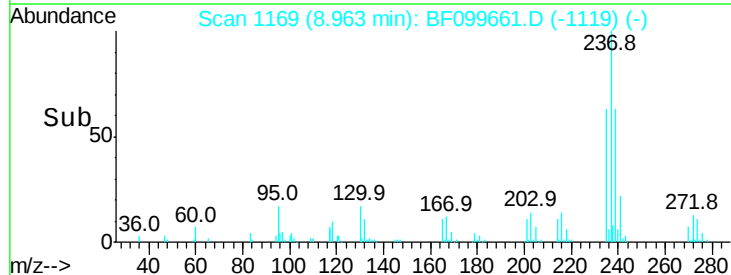


#40
 Hexachlorocyclopentadiene
 Concen: 34.285 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion:	237	Resp:	90371
Ion Ratio	Lower	Upper	
237	100		
235	62.9	44.8	84.8
272	13.5	0.0	33.3



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

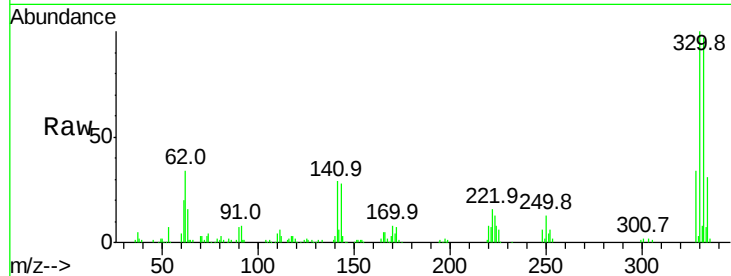




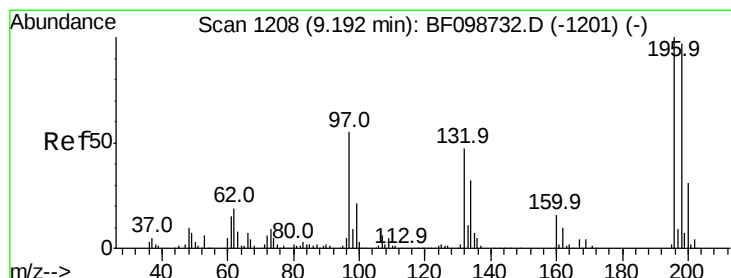
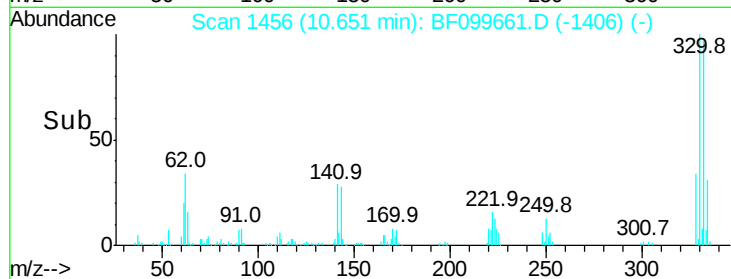
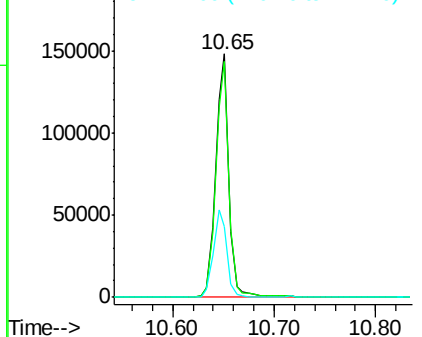
#41
 2,4,6-Tribromophenol
 Concen: 85.031 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.1	29.9	44.9

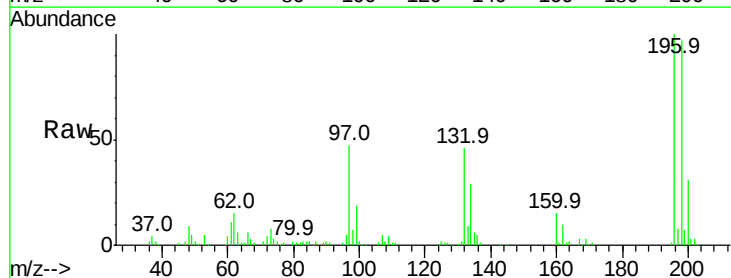


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

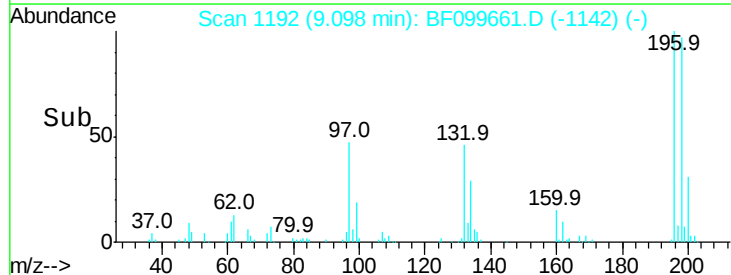
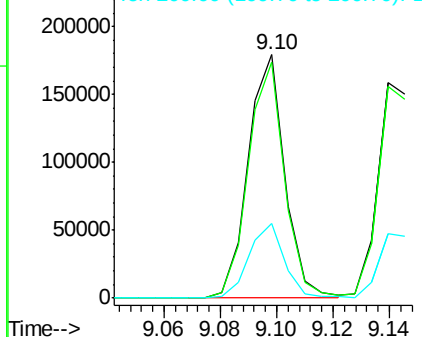


#42
 2,4,6-Trichlorophenol
 Concen: 39.384 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.7	113.5
200	30.9	24.5	36.7



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

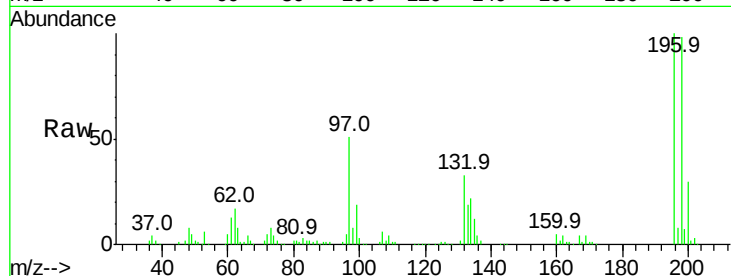




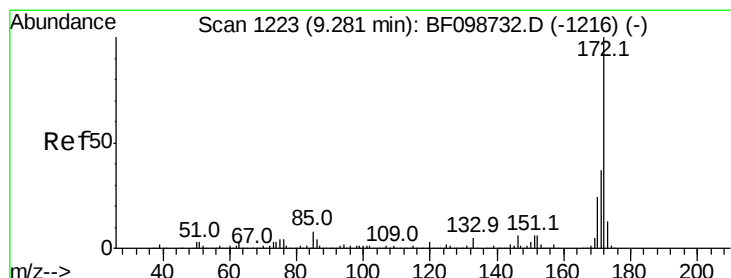
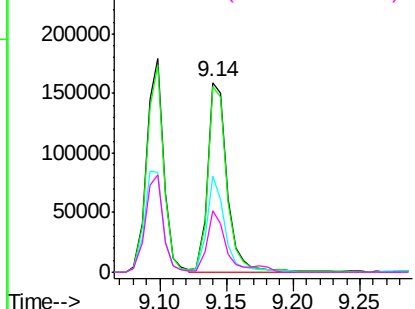
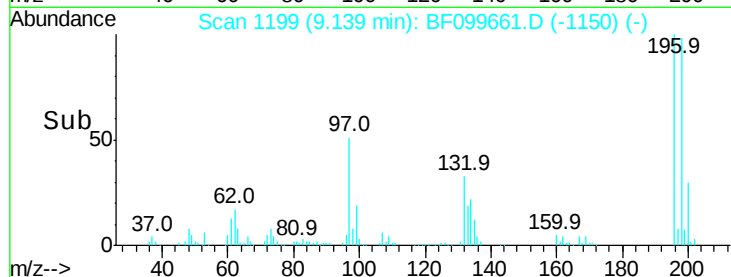
#43
 2,4,5-Trichlorophenol
 Concen: 39.852 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	162554
Ion	Ratio	Lower	Upper
196	100		
198	98.1	74.6	112.0
97	50.6	42.9	64.3
132	32.7	26.3	39.5

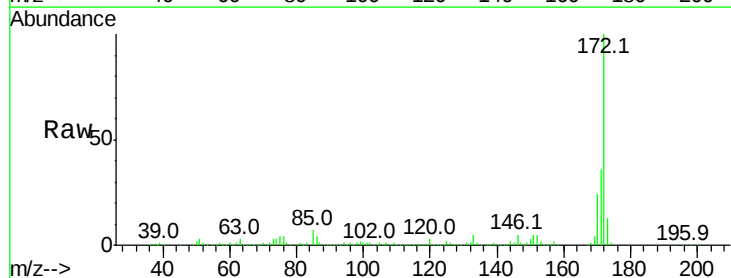


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

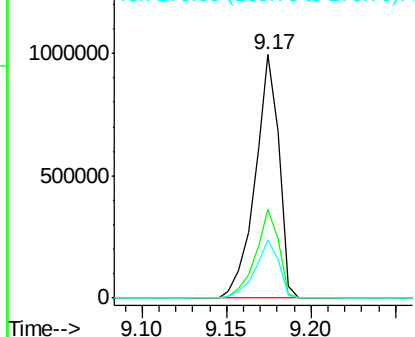
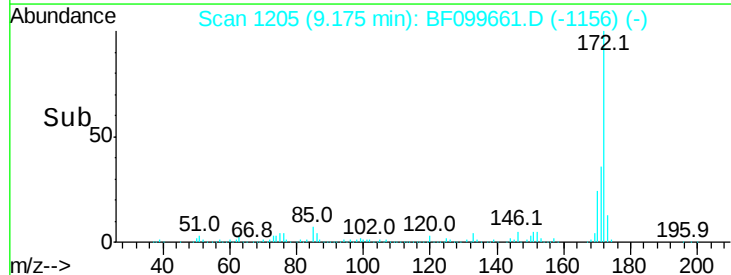


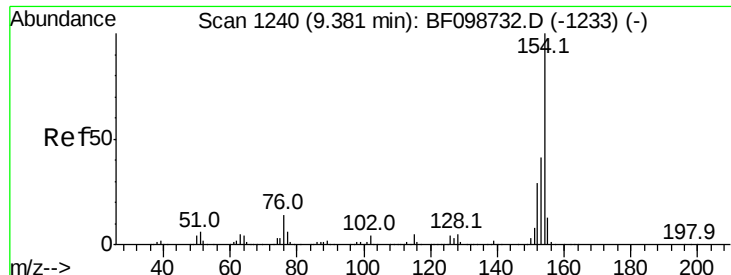
#44
 2-Fluorobiphenyl
 Concen: 84.065 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion:	172	Resp:	973904
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

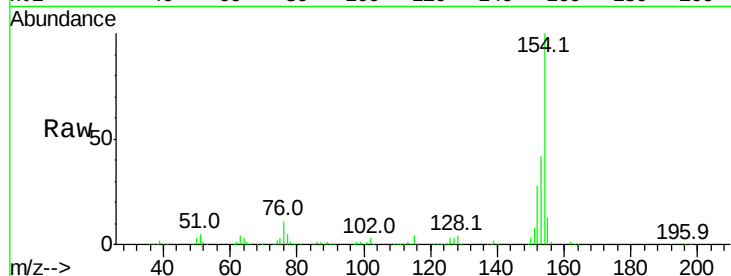




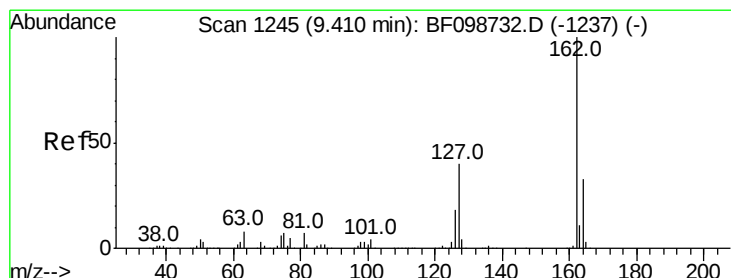
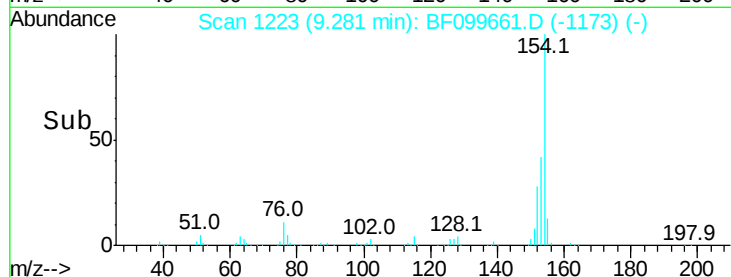
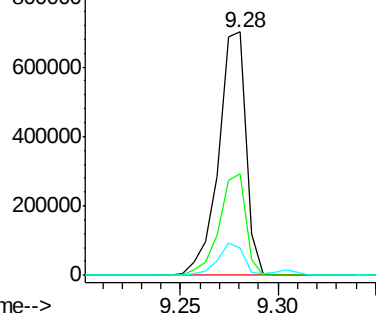
#45
 1,1'-Biphenyl
 Concen: 41.092 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 683023
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 11.5 0.0 34.0

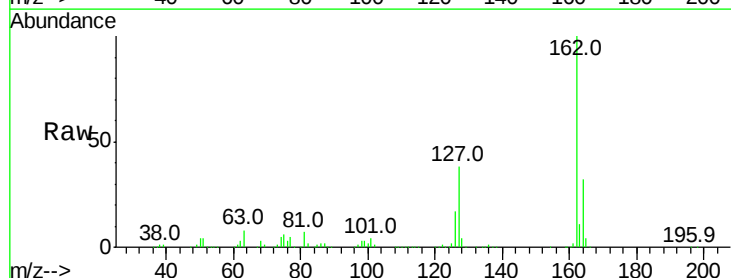


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

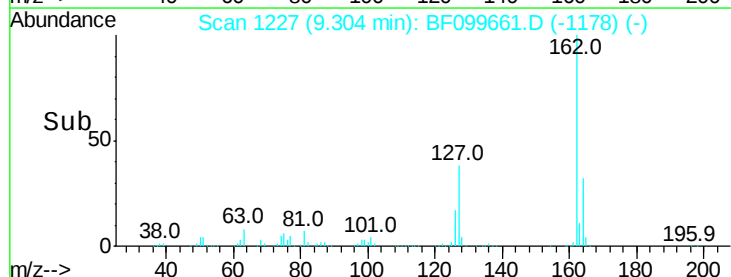
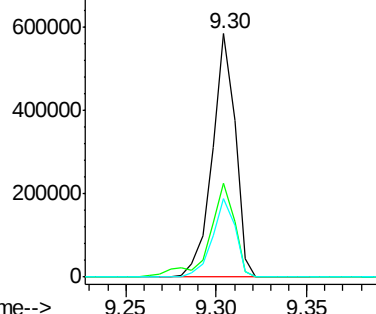


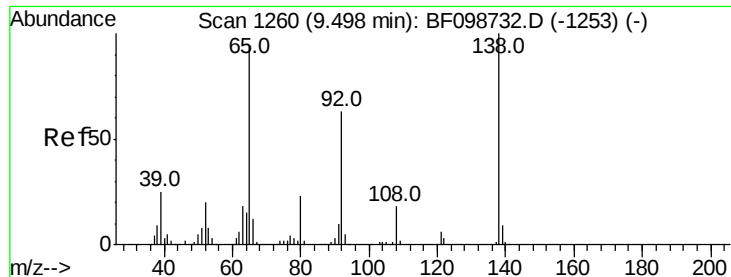
#46
 2-Chloronaphthalene
 Concen: 41.185 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion:162 Resp: 513995
 Ion Ratio Lower Upper
 162 100
 127 38.5 33.9 50.9
 164 32.5 26.5 39.7



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





#47

2-Nitroaniline

Concen: 37.917 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampled :

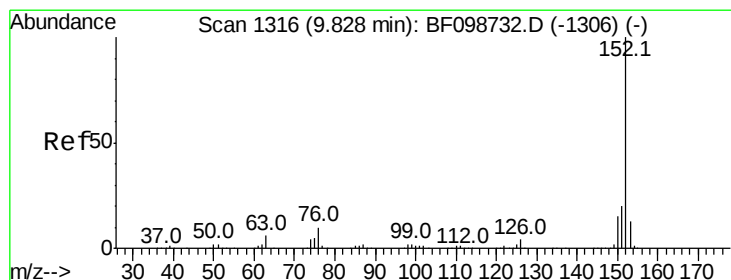
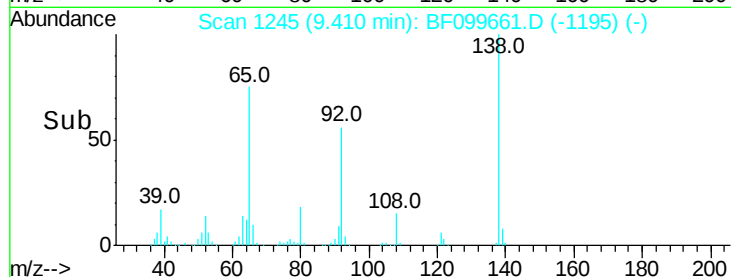
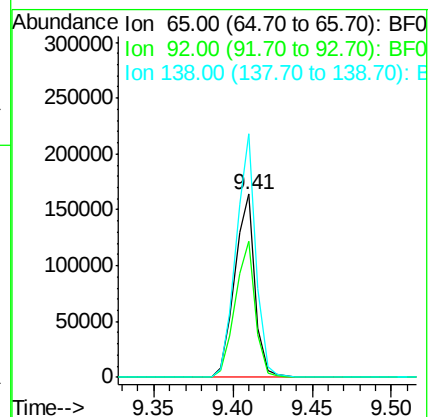
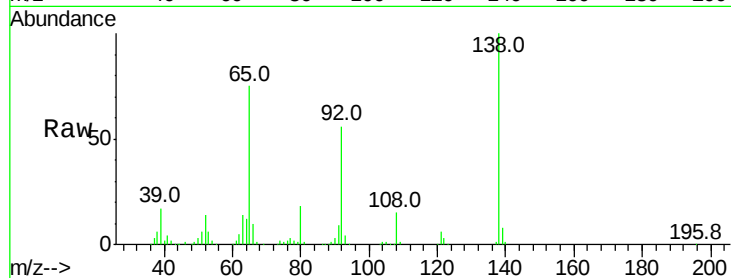
Tot Ion: 65 Resp: 144896

Ion Ratio Lower Upper

65 100

92 74.4 55.8 83.6

138 133.1 91.2 136.8



#48

Acenaphthylene

Concen: 40.416 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

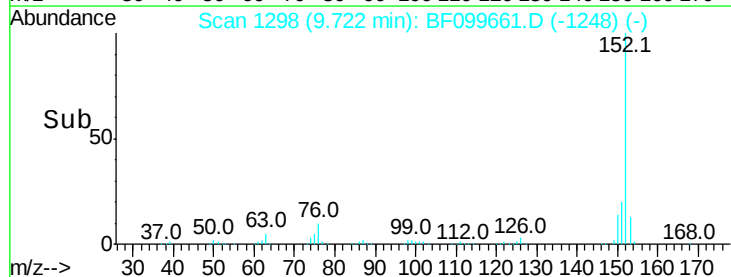
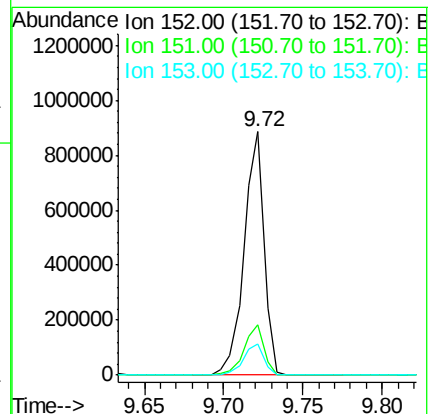
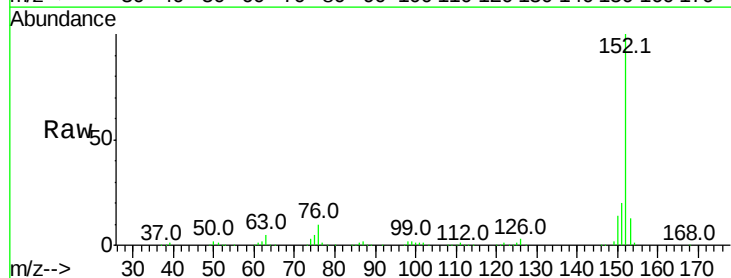
Tgt Ion: 152 Resp: 772138

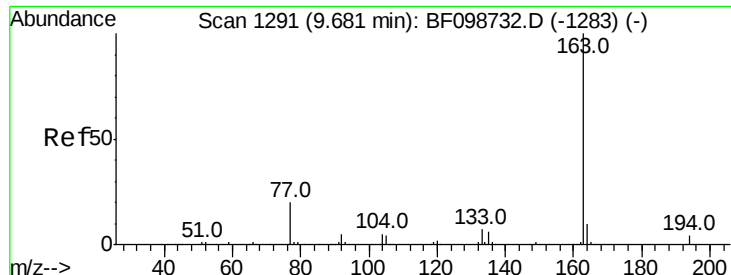
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.0 10.7 16.1

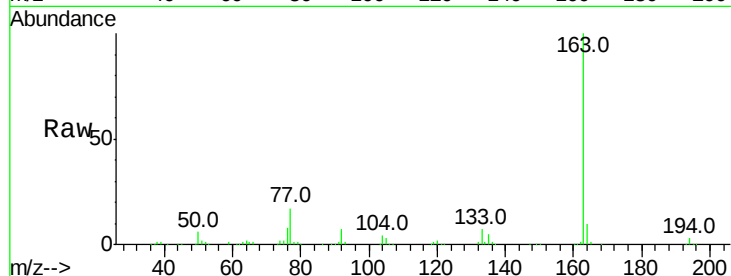




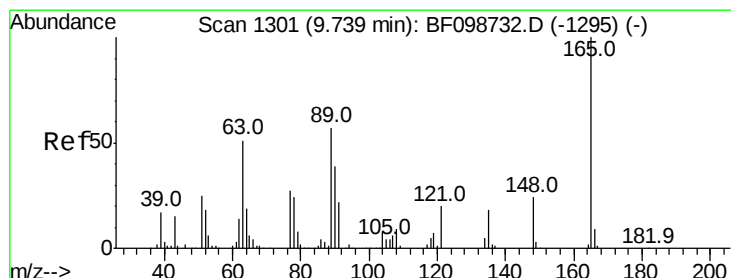
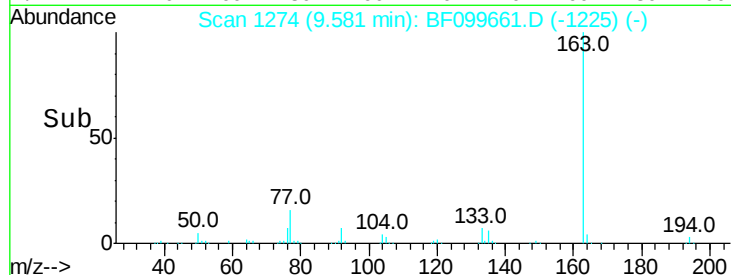
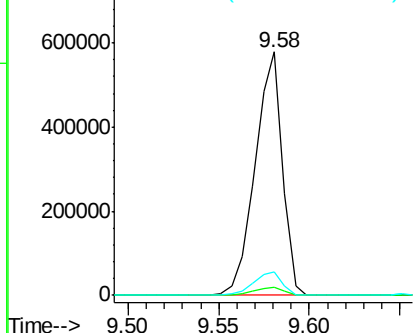
#49
Dimethylphthalate
Concen: 41.221 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 601700
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 8.2 12.2

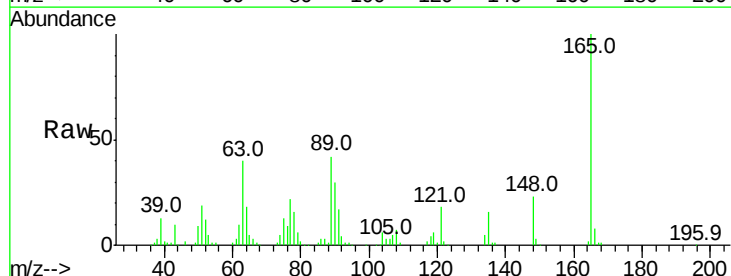


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

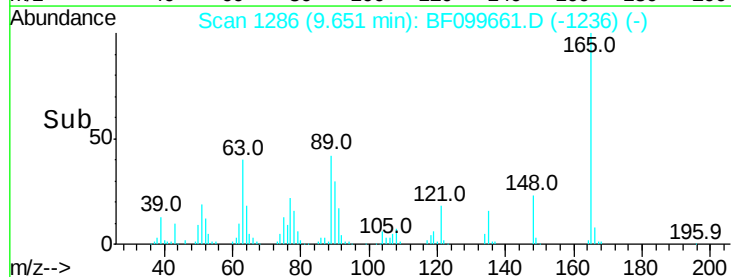
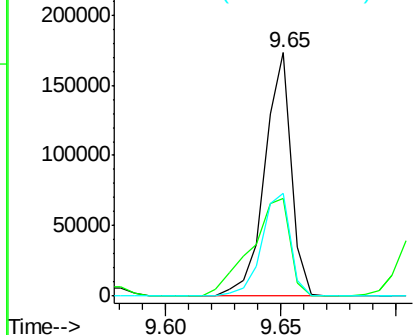


#50
2,6-Dinitrotoluene
Concen: 43.502 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion:165 Resp: 138243
Ion Ratio Lower Upper
165 100
63 40.1 44.7 67.1#
89 42.2 44.0 66.0#



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





#51

Acenaphthene

Concen: 37.949 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

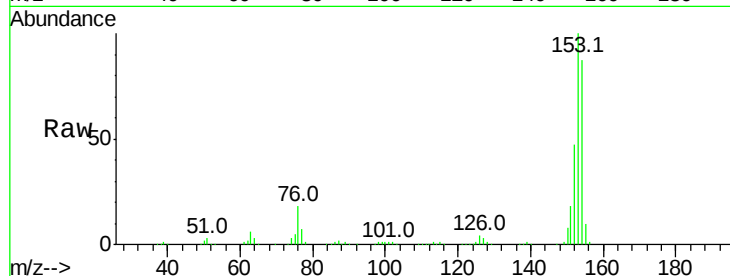
Tot Ion:154 Resp: 459260

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

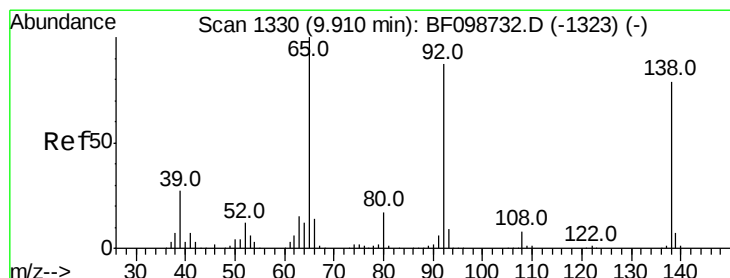
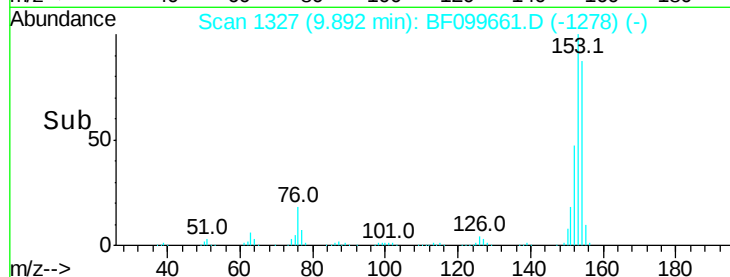
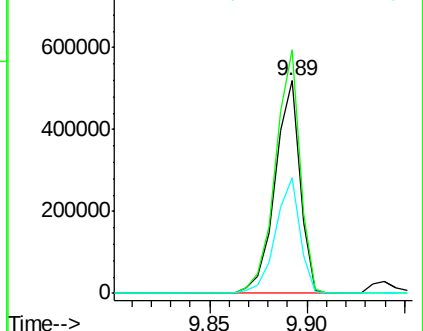
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.431 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

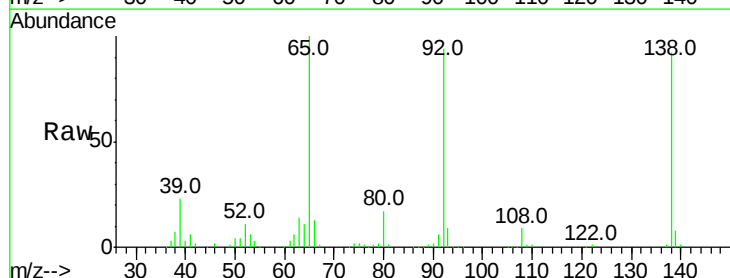
Tgt Ion:138 Resp: 160928

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

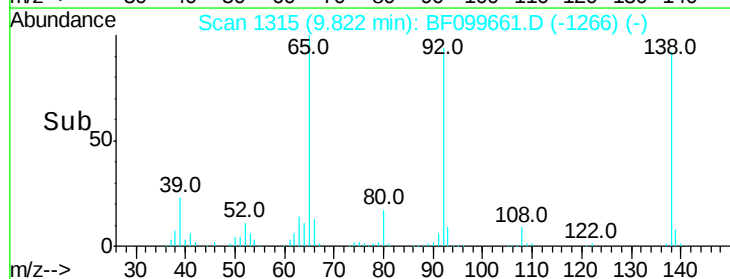
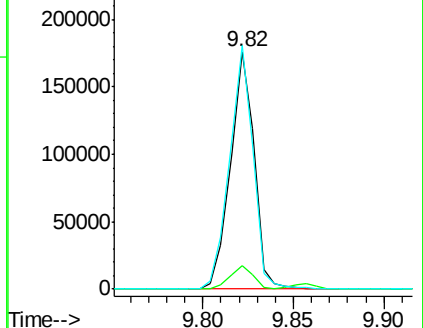
92 102.5 89.4 134.2

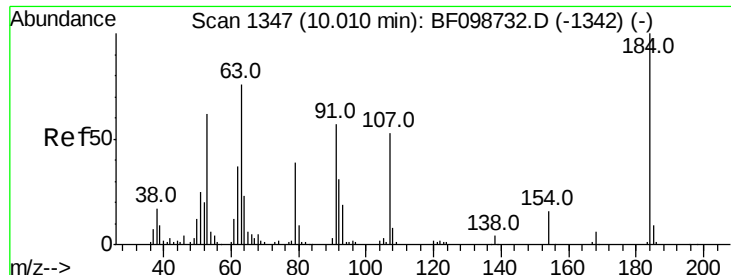


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

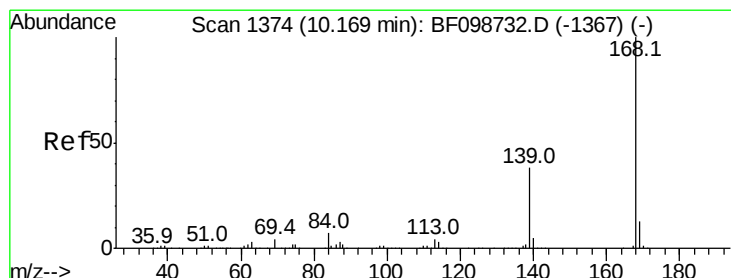
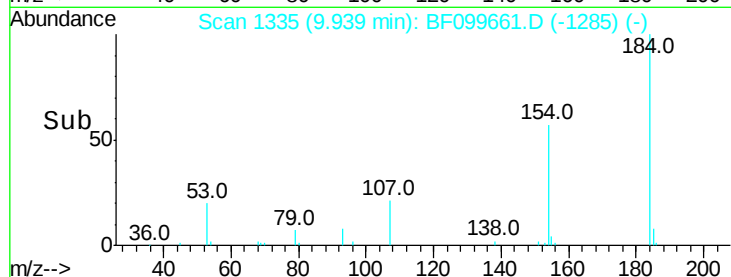
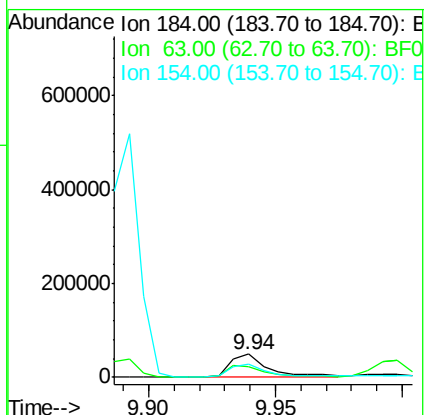
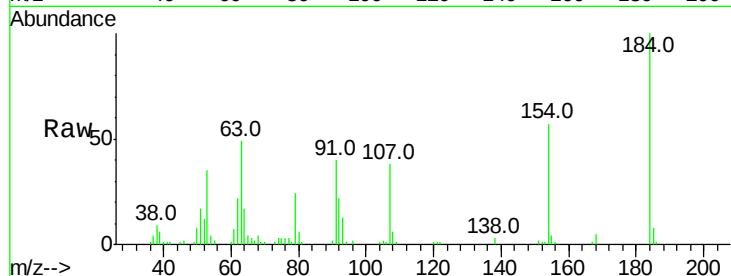




#53
 2,4-Dinitrophenol
 Concen: 35.448 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

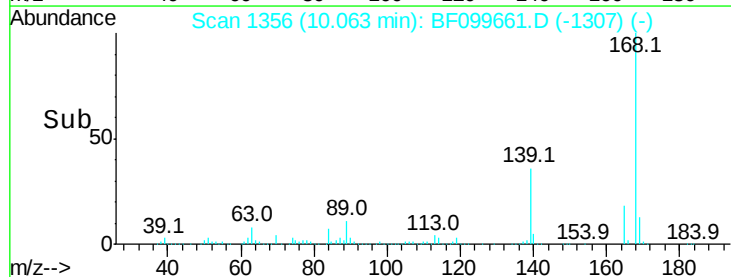
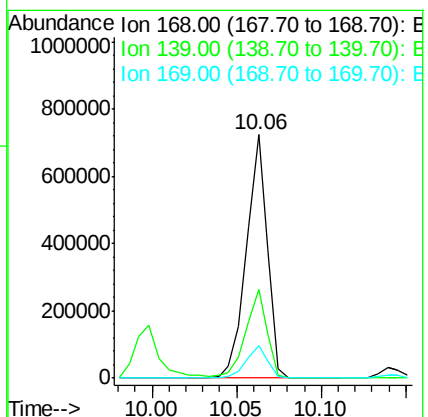
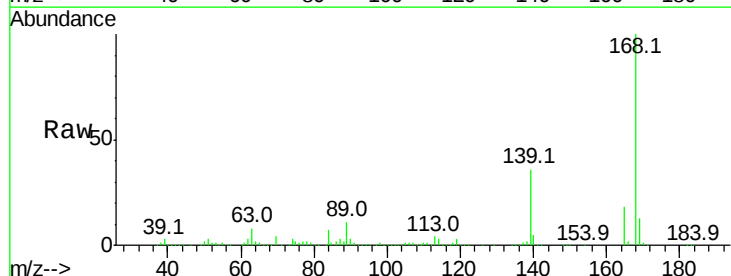
Instrument :
 BNA_F
 ClientSampleId :

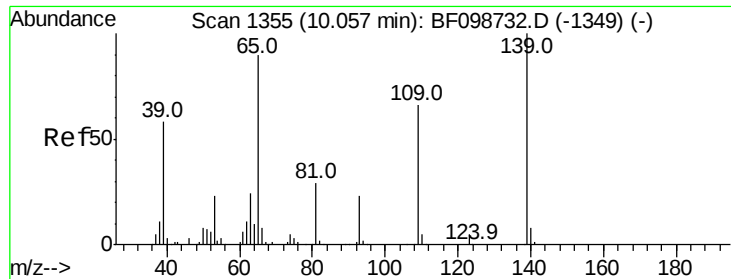
Tot Ion:184 Resp: 52858
 Ion Ratio Lower Upper
 184 100
 63 48.7 54.2 81.2#
 154 56.7 53.5 80.3



#54
 Dibenzofuran
 Concen: 39.055 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion:168 Resp: 629310
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.1 45.1
 169 13.5 10.9 16.3

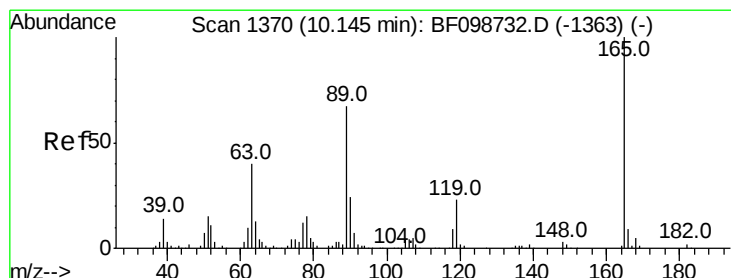
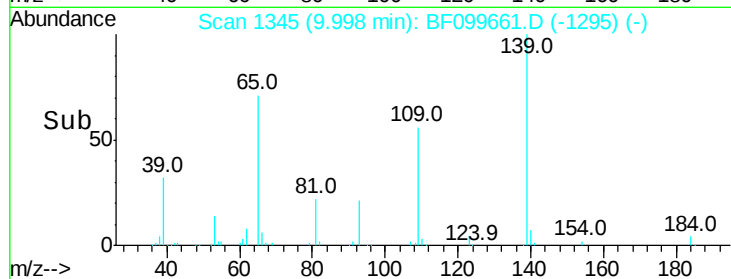
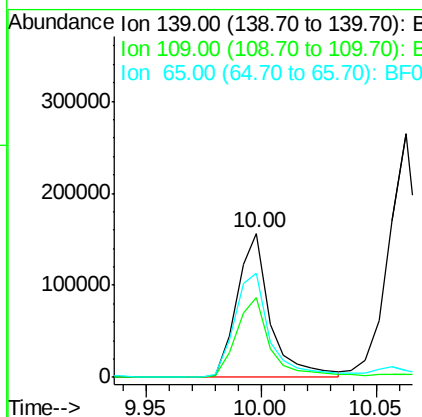
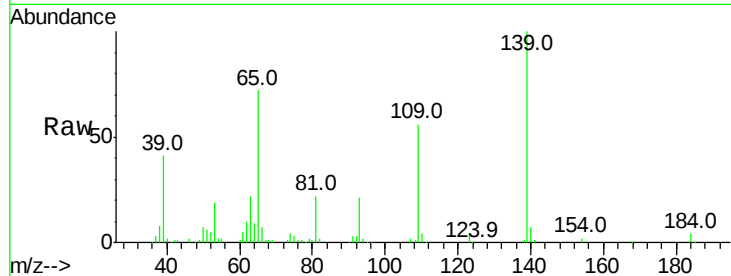




#55
4-Nitrophenol
Concen: 50.363 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

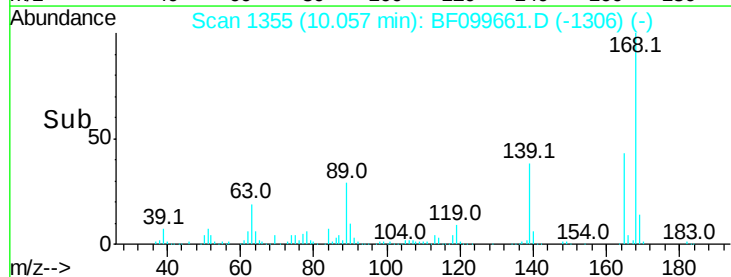
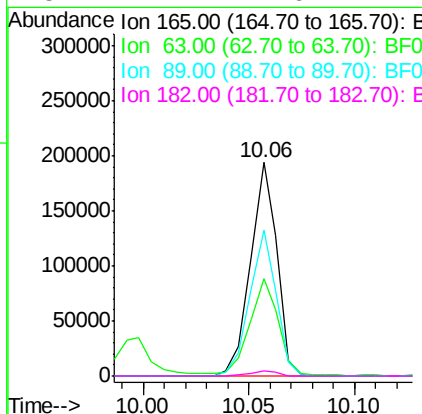
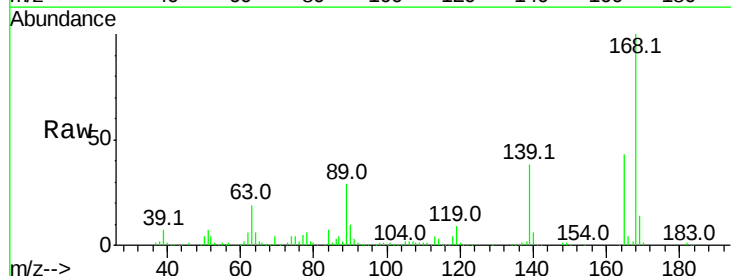
Instrument :
BNA_F
ClientSampleId :

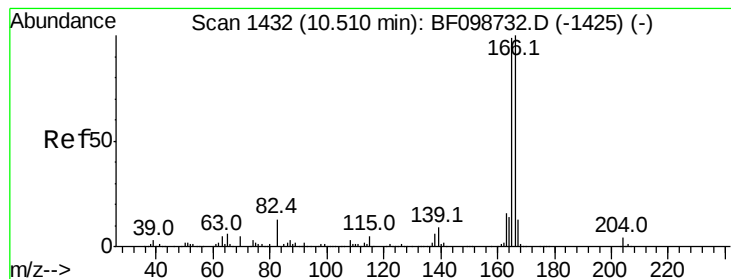
Tot Ion:139 Resp: 157798
Ion Ratio Lower Upper
139 100
109 55.6 48.4 88.4
65 71.8 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 40.958 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion:165 Resp: 168922
Ion Ratio Lower Upper
165 100
63 45.4 36.4 54.6
89 68.2 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 42.609 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

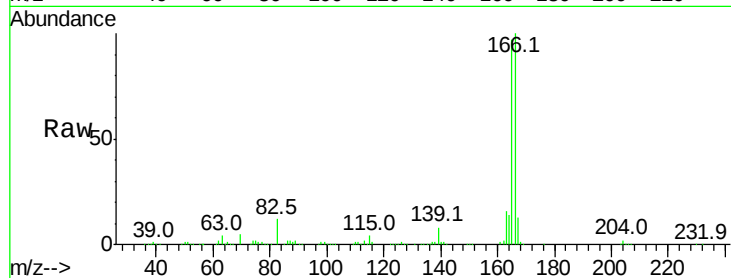
Tot Ion:166 Resp: 551836

Ion Ratio Lower Upper

166 100

165 97.1 79.8 119.8

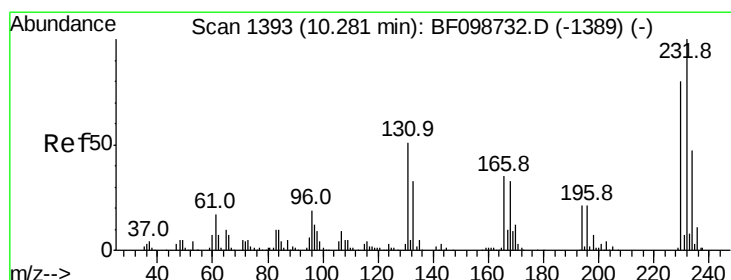
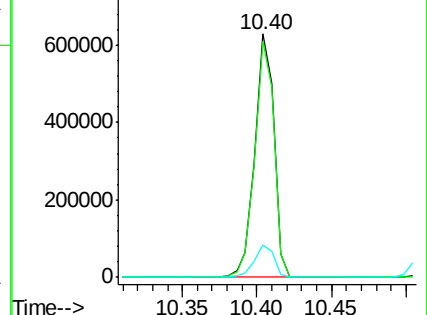
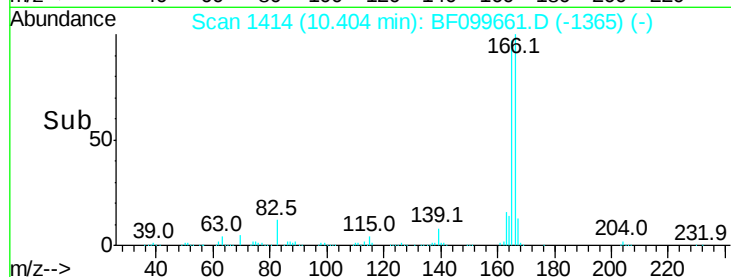
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.361 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Tgt Ion:232 Resp: 110909

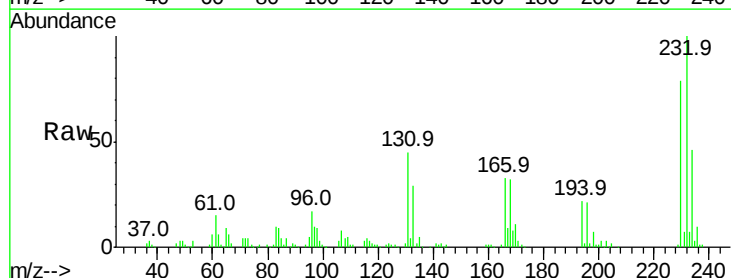
Ion Ratio Lower Upper

232 100

131 49.2 43.8 65.8

130 2.3 2.1 3.1

166 33.6 27.8 41.6

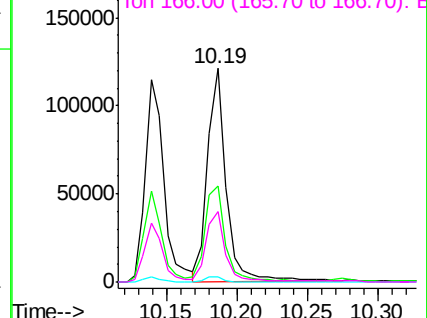
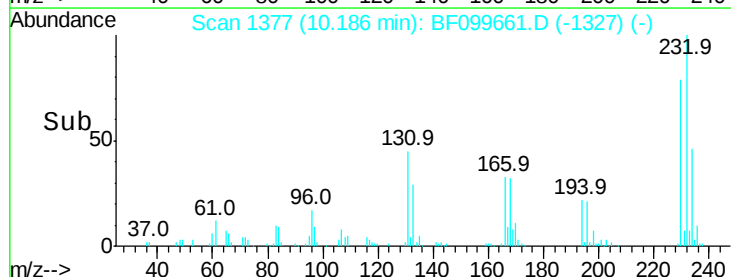


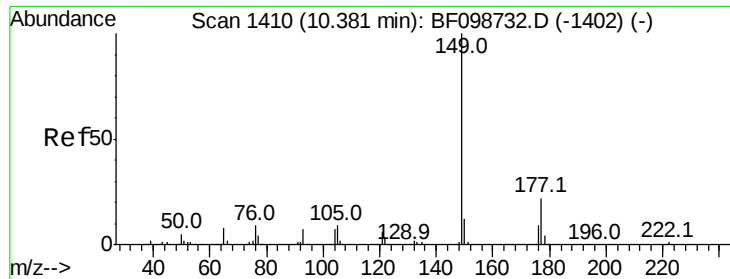
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

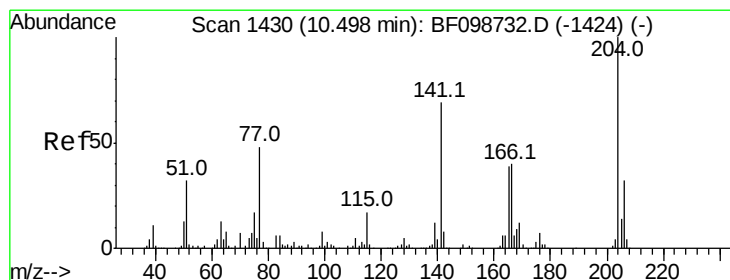
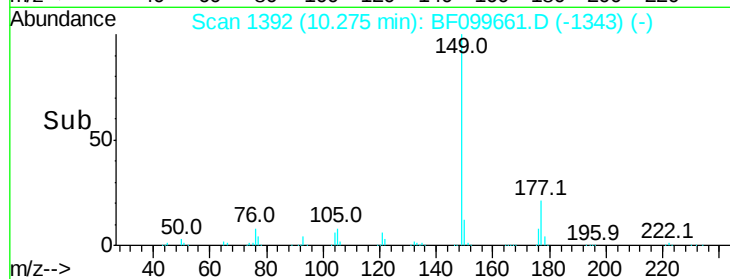
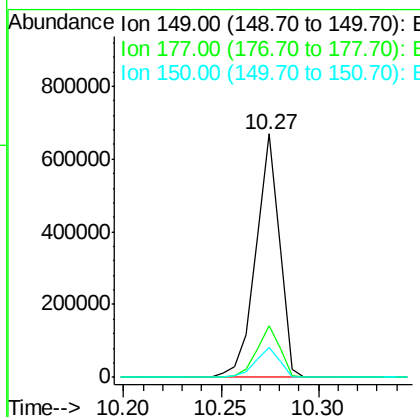
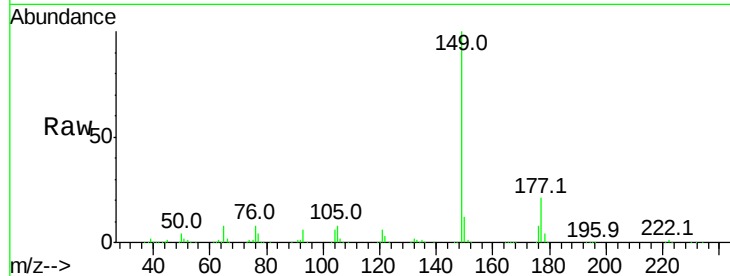




#59
Diethylphthalate
Concen: 39.271 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

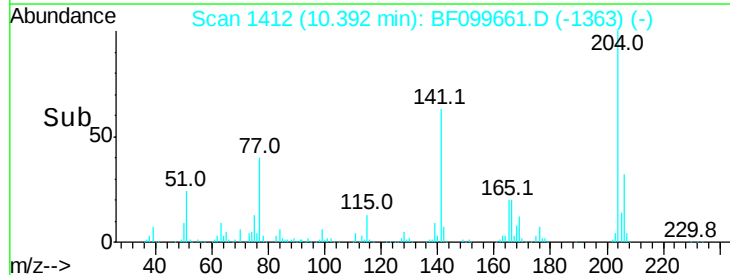
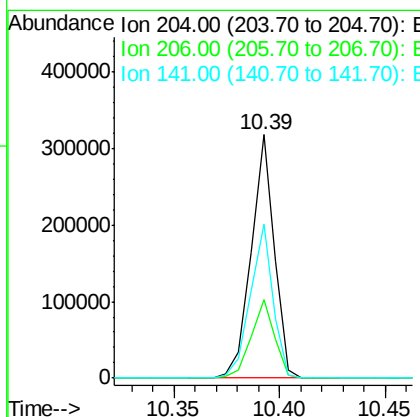
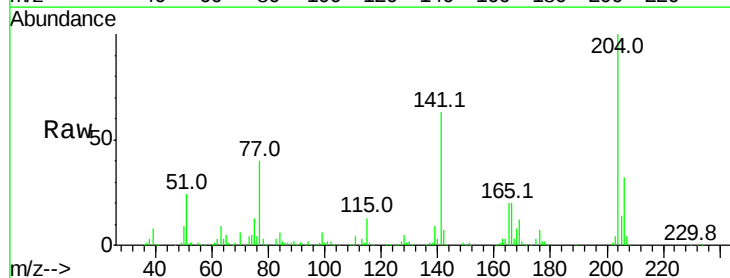
Instrument :
BNA_F
ClientSampleId :

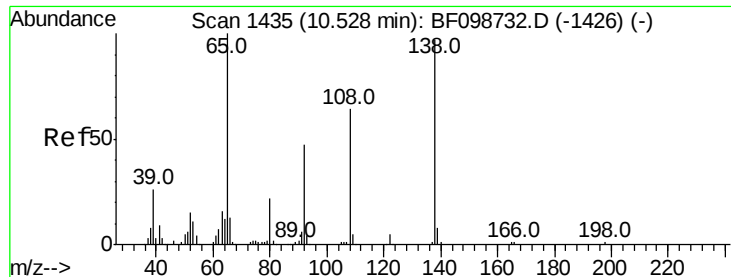
Tot Ion:149 Resp: 560146
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.559 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion:204 Resp: 241776
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 63.1 54.6 81.8

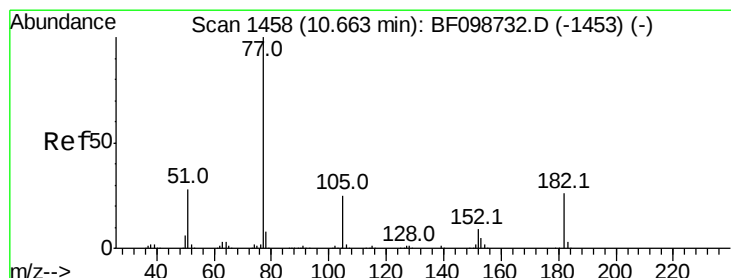
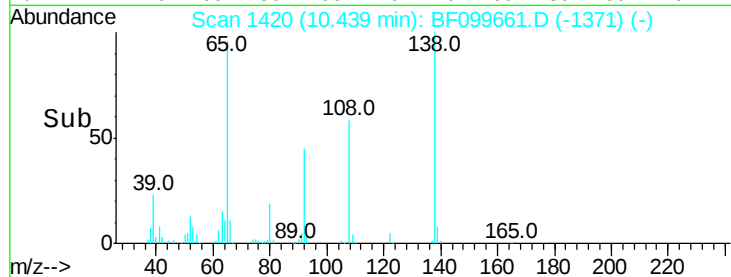
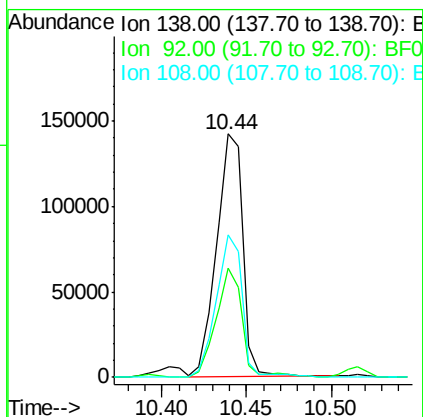
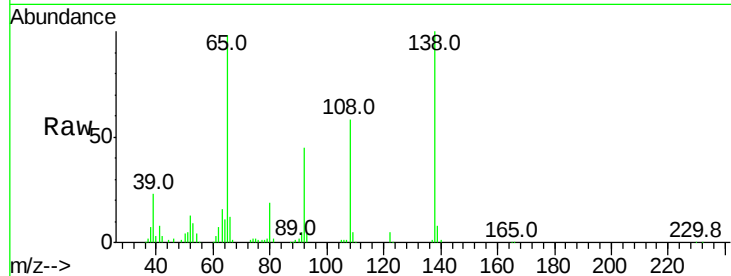




#61
4-Nitroaniline
Concen: 42.974 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

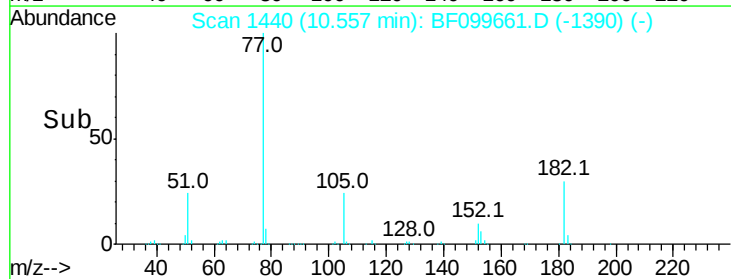
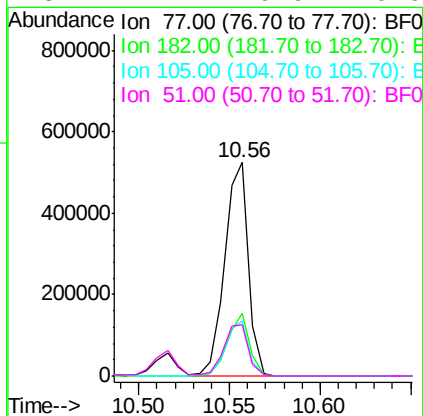
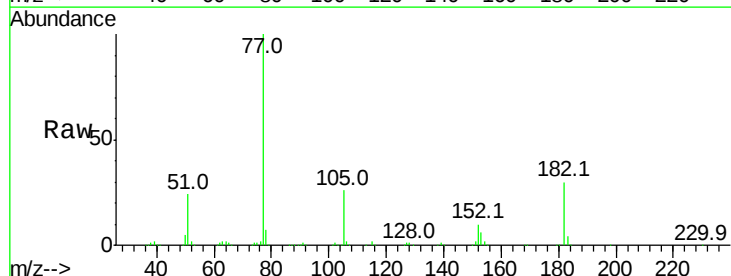
Instrument :
BNA_F
ClientSampleId :

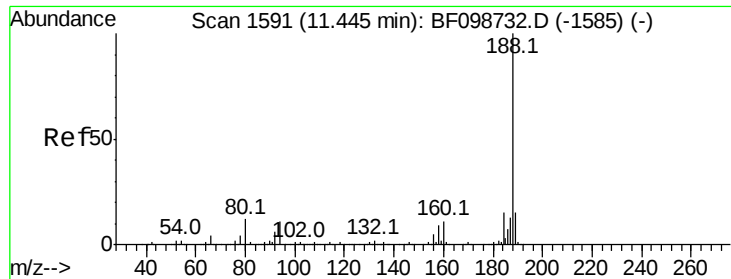
Tot Ion:138 Resp: 153626
Ion Ratio Lower Upper
138 100
92 45.1 30.2 70.2
108 58.4 52.5 92.5



#62
Azobenzene
Concen: 36.203 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion: 77 Resp: 474802
Ion Ratio Lower Upper
77 100
182 29.5 1.7 41.7
105 26.0 3.0 43.0
51 24.1 9.9 49.9

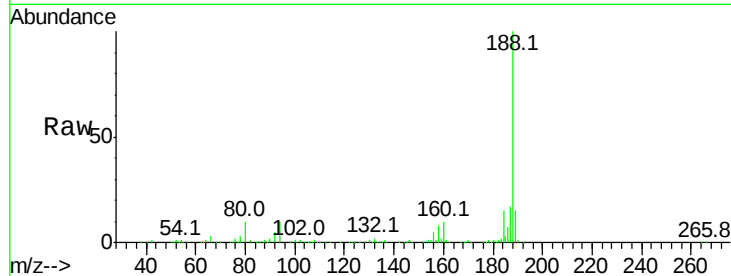




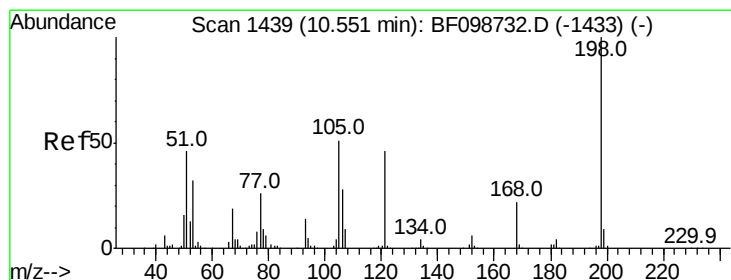
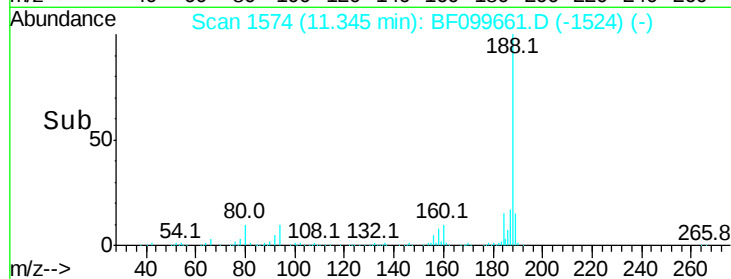
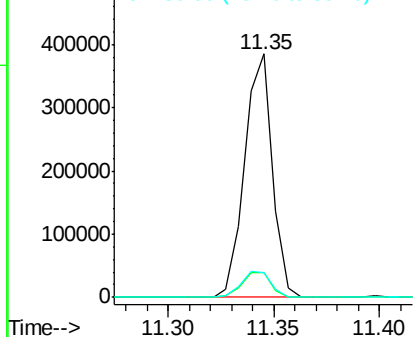
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 350555
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.4 9.2 13.8

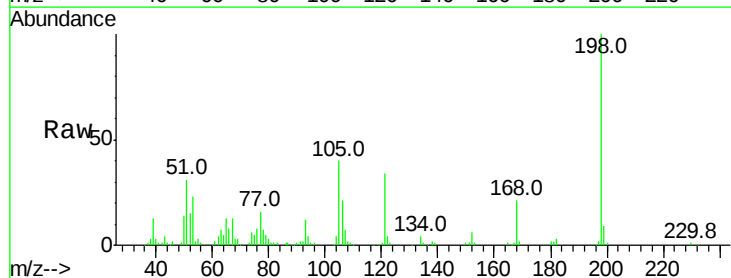


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

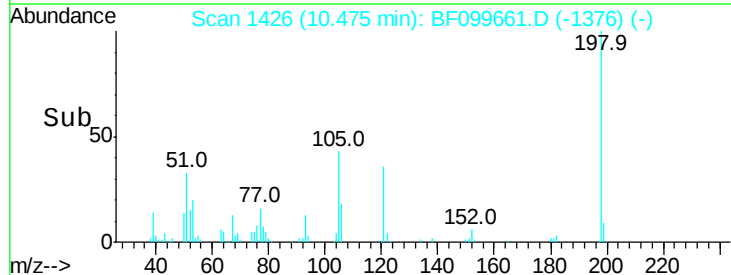
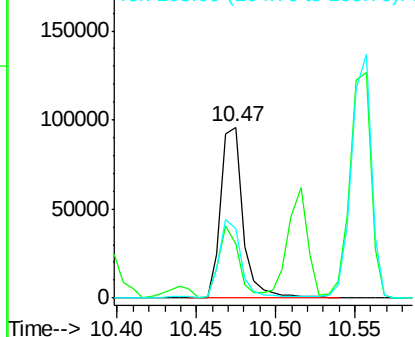


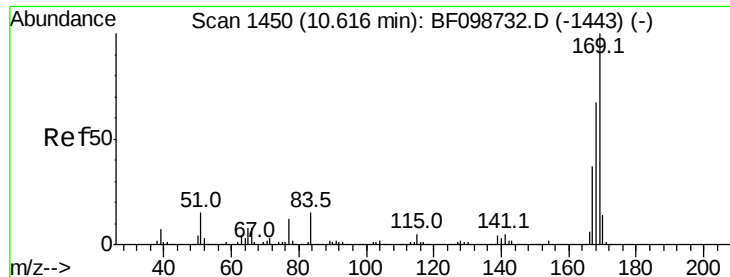
#64
4,6-Dinitro-2-methylphenol
Concen: 44.094 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion:198 Resp: 94047
Ion Ratio Lower Upper
198 100
51 31.4 37.7 77.7#
105 40.4 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.875 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

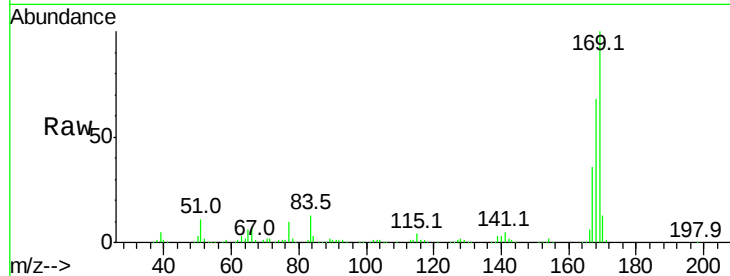
Tot Ion:169 Resp: 484255

Ion Ratio Lower Upper

169 100

168 67.5 54.4 81.6

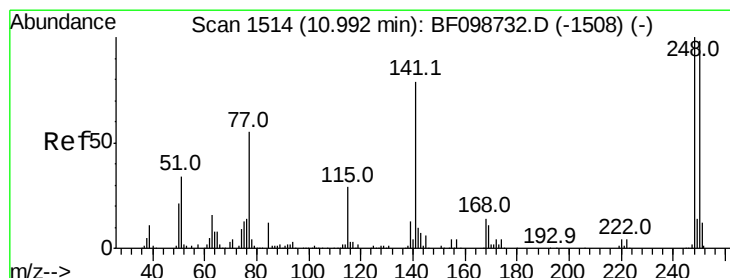
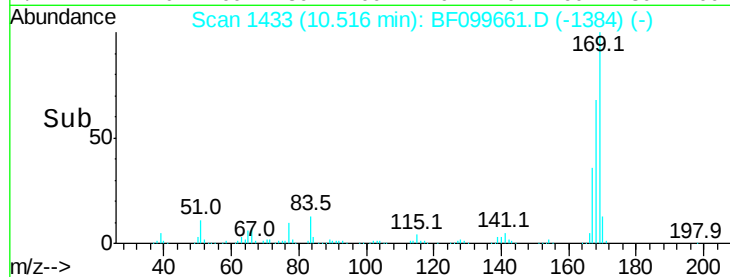
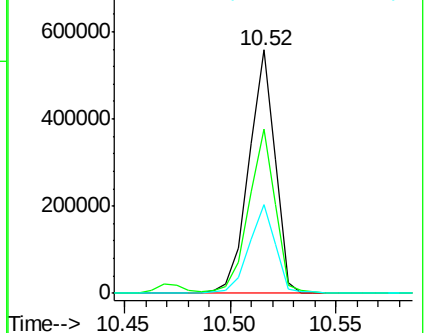
167 36.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.722 ng

RT: 10.88 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

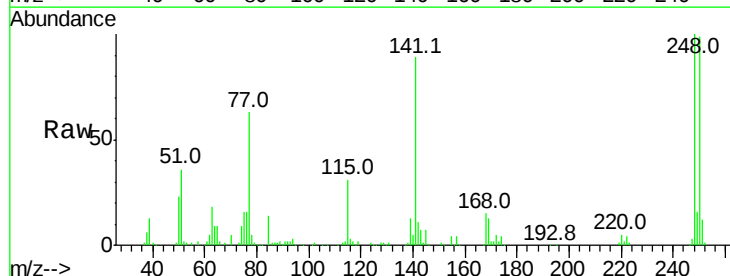
Tgt Ion:248 Resp: 139731

Ion Ratio Lower Upper

248 100

250 98.8 76.9 115.3

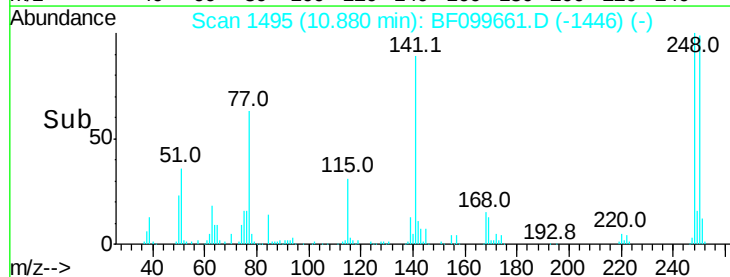
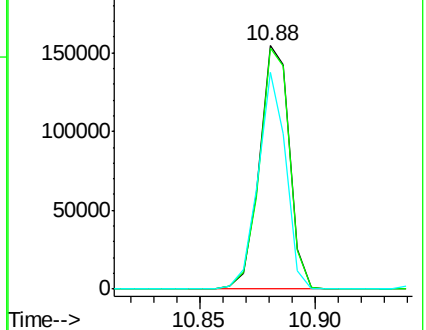
141 88.8 74.4 111.6

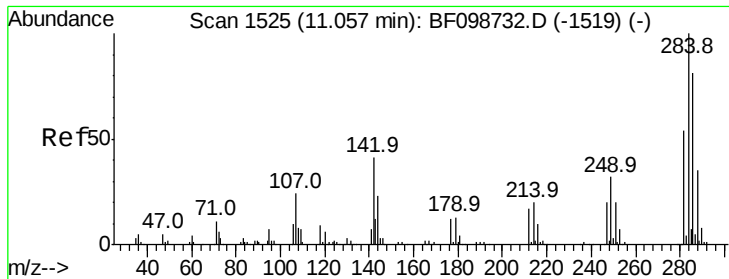


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

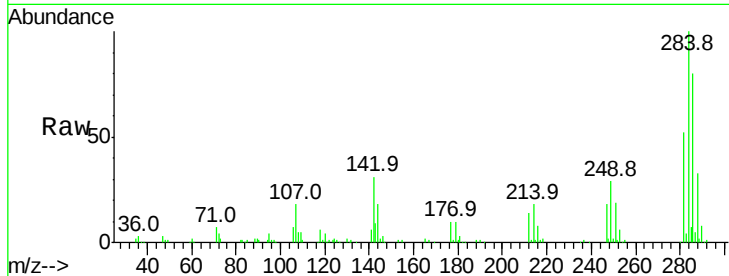




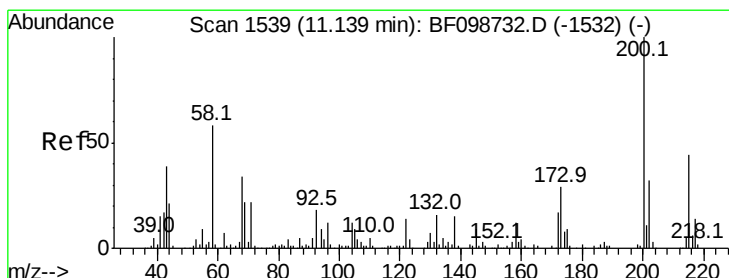
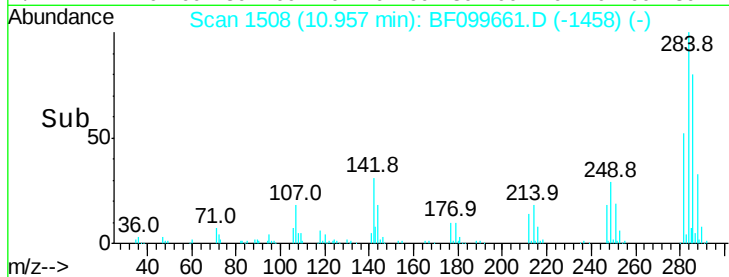
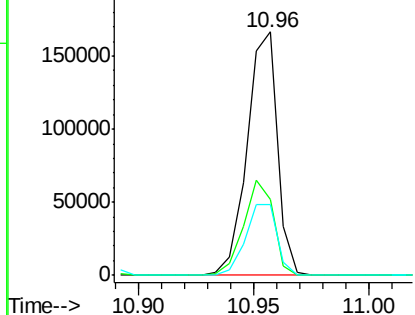
#67
Hexachlorobenzene
Concen: 41.670 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 152715
Ion Ratio Lower Upper
284 100
142 31.0 34.6 52.0#
249 29.3 24.8 37.2

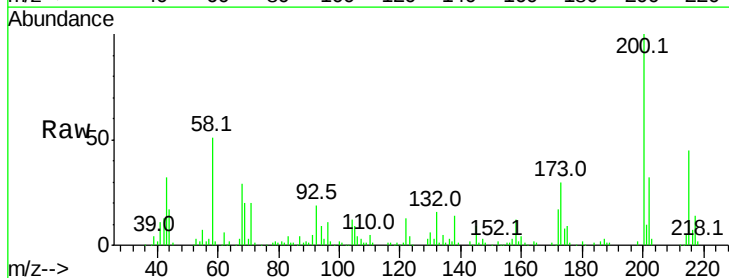


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

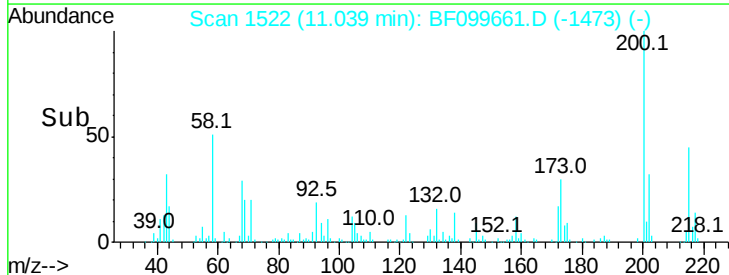
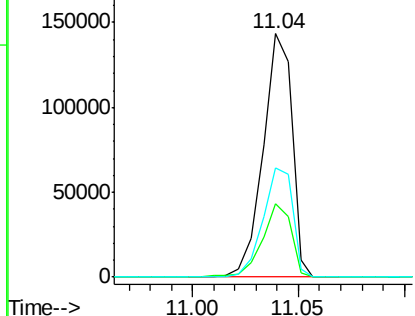


#68
Atrazine
Concen: 37.495 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion:200 Resp: 137001
Ion Ratio Lower Upper
200 100
173 30.2 8.6 48.6
215 44.7 25.1 65.1



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

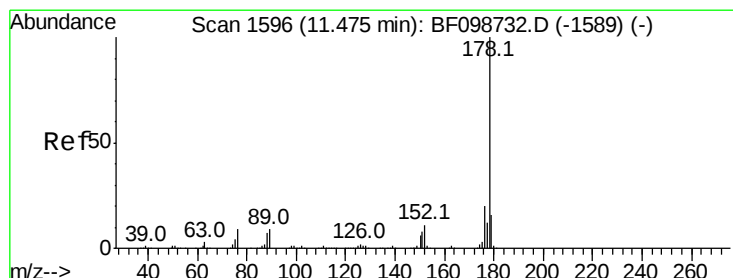
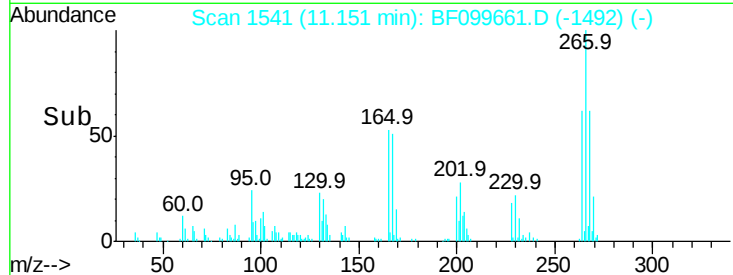
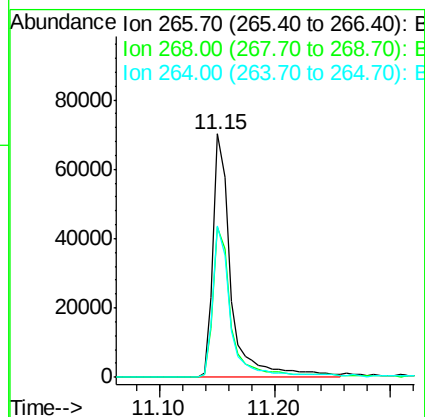
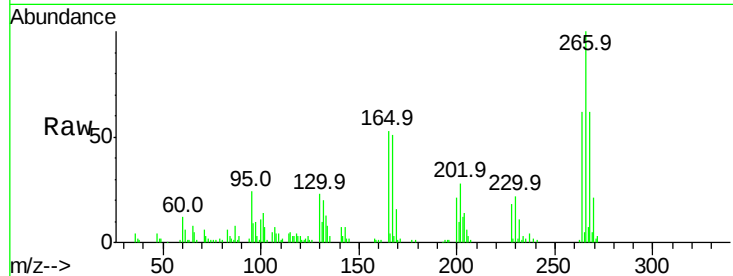




#69
 Pentachlorophenol
 Concen: 33.801 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

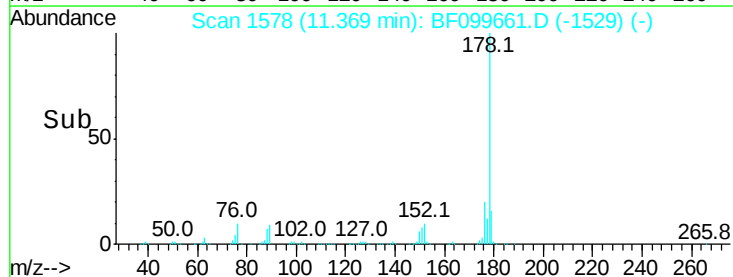
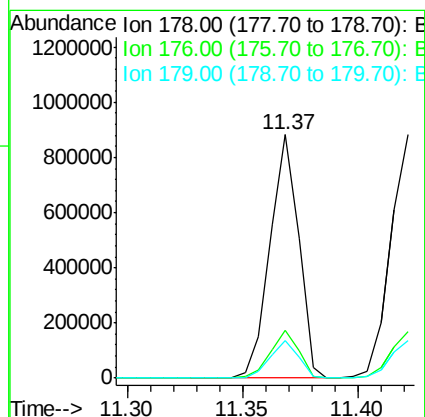
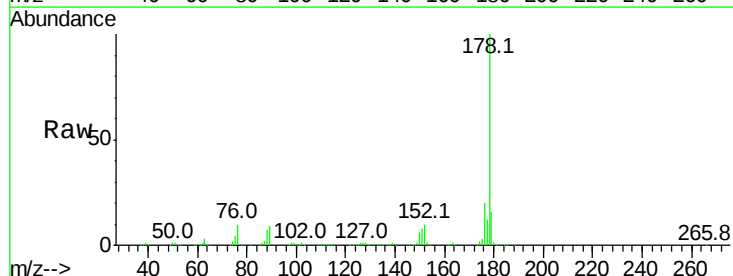
Instrument :
 BNA_F
 ClientSampled :

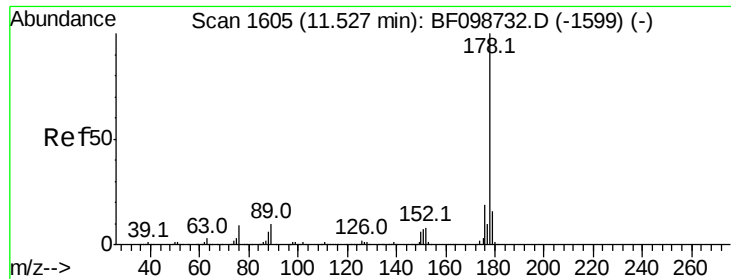
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.1	76.7
264	62.0	49.5	74.3



#70
 Phenanthrene
 Concen: 40.659 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6

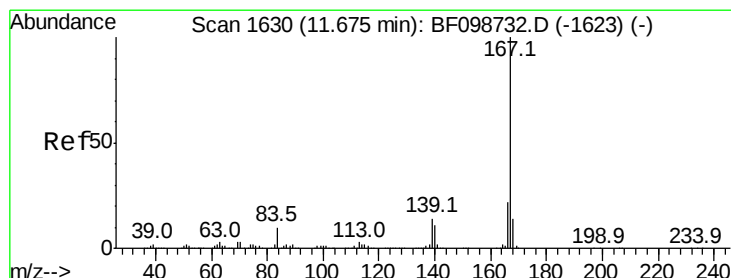
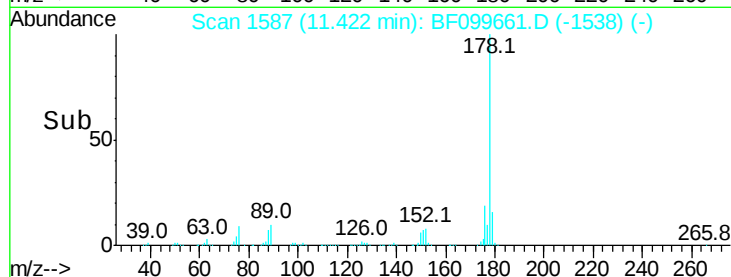
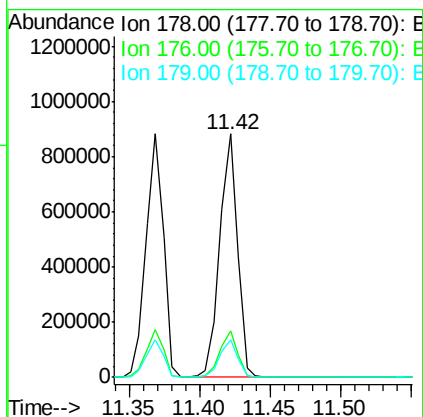
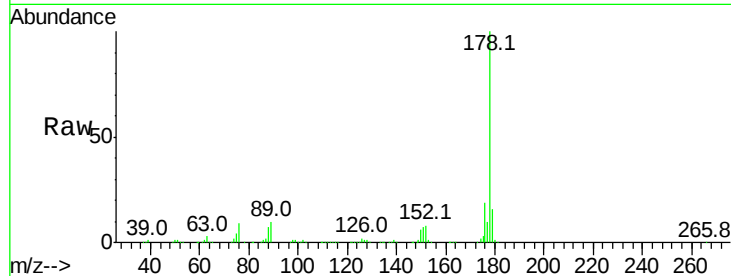




#71
 Anthracene
 Concen: 40.420 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

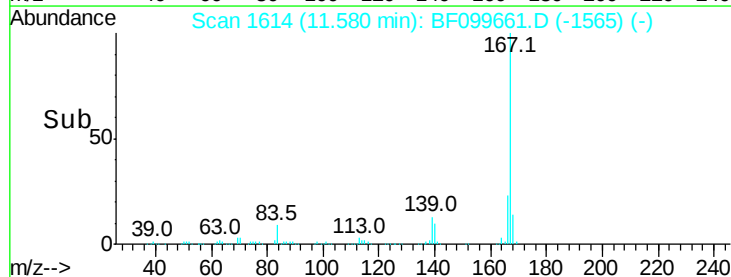
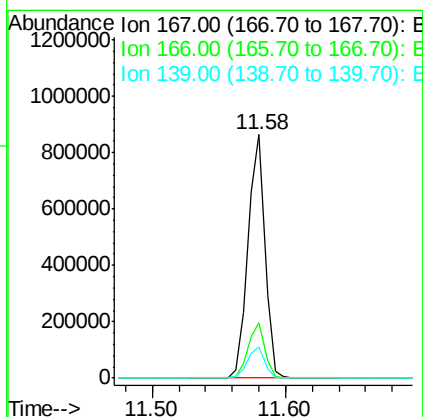
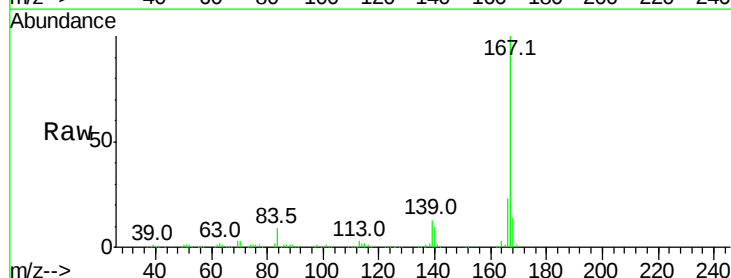
Instrument :
 BNA_F
 ClientSampled :

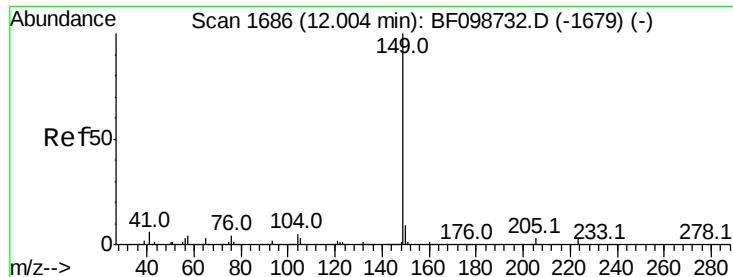
Tot Ion:178 Resp: 776046
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 39.794 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion:167 Resp: 748176
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.6 10.9 16.3

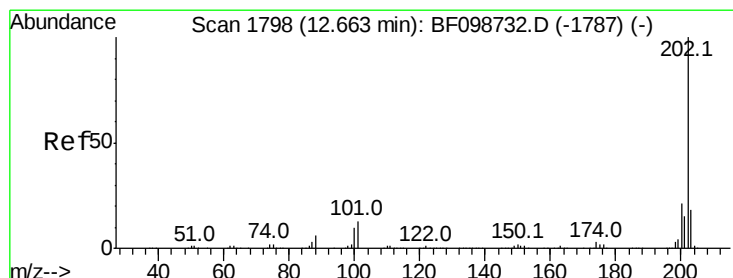
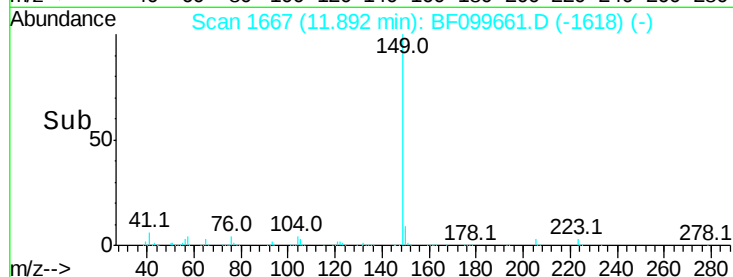
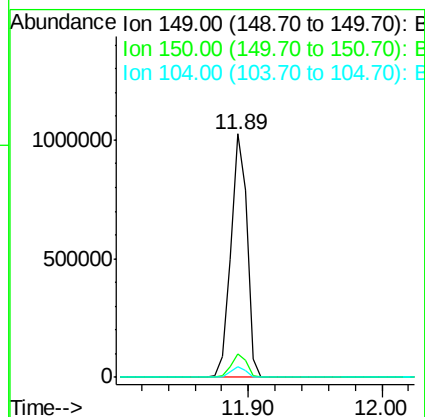
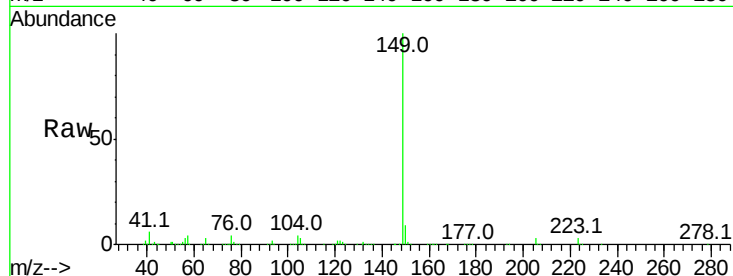




#73
Di-n-butylphthalate
Concen: 38.920 ng
RT: 11.89 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

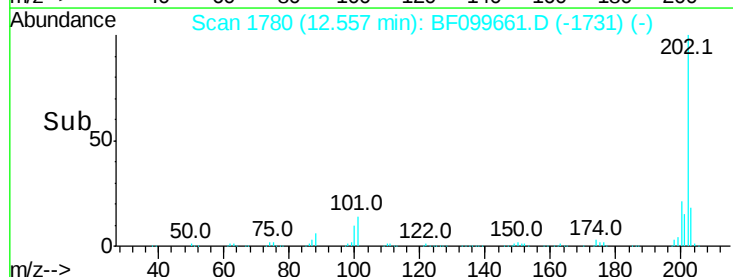
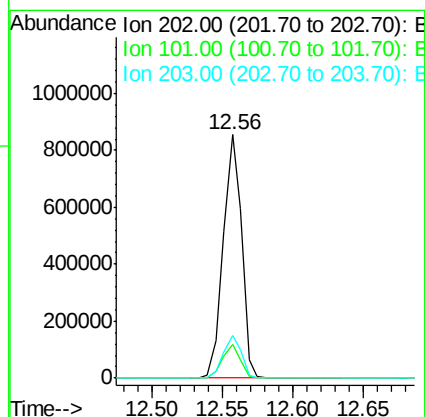
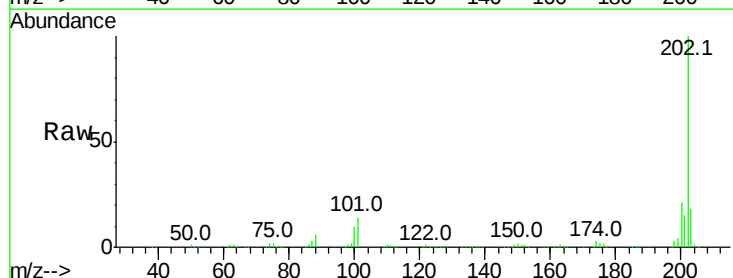
Instrument :
BNA_F
ClientSampleId :

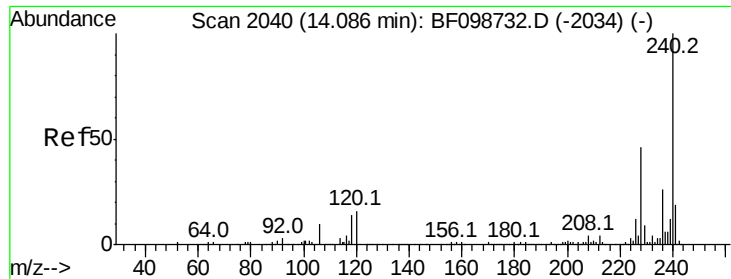
Tot Ion:149 Resp: 880780
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.2 3.8 5.8



#74
Fluoranthene
Concen: 40.672 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion:202 Resp: 772796
Ion Ratio Lower Upper
202 100
101 14.0 0.0 34.1
203 17.6 0.0 38.1

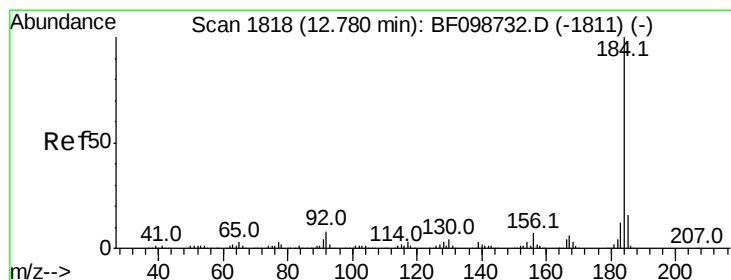
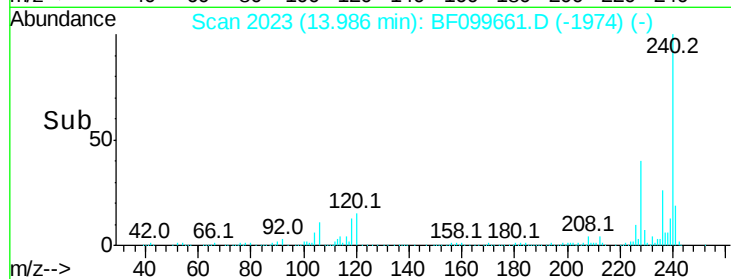
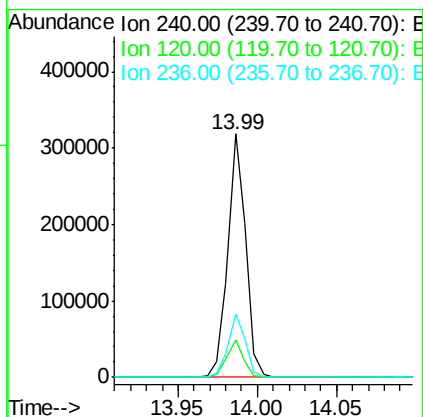
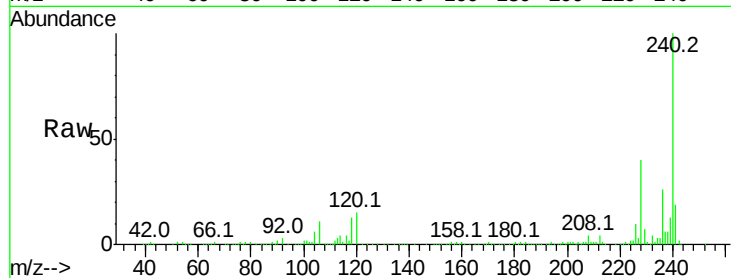




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

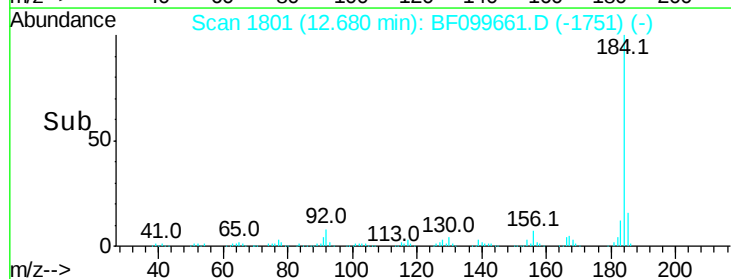
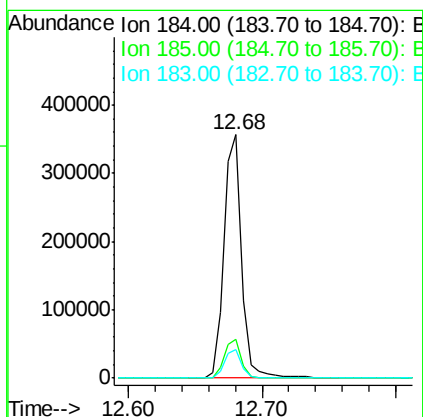
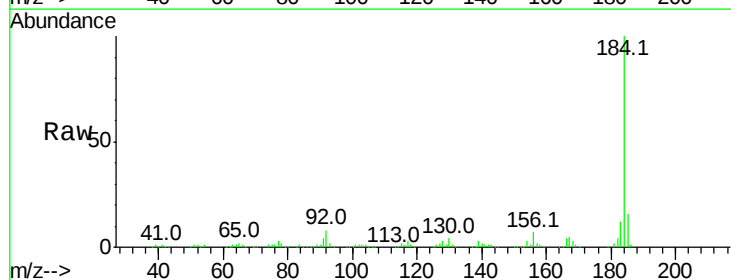
Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 248902
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.9 20.7 31.1



#76
Benzidine
Concen: 36.238 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion:184 Resp: 333604
Ion Ratio Lower Upper
184 100
185 15.7 12.6 18.8
183 11.9 9.3 13.9

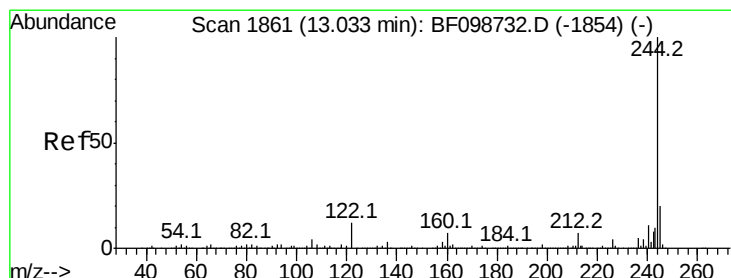
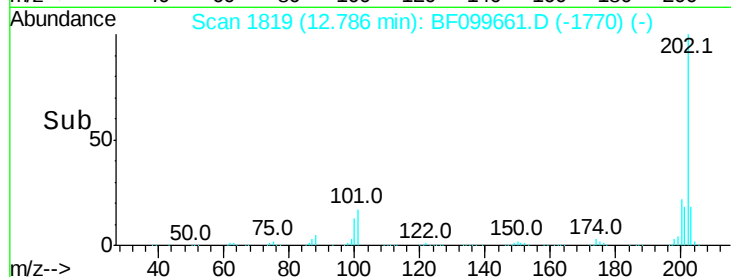
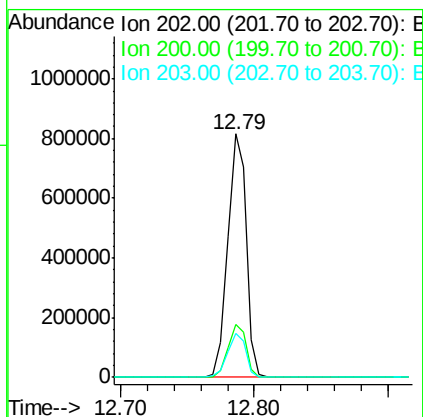
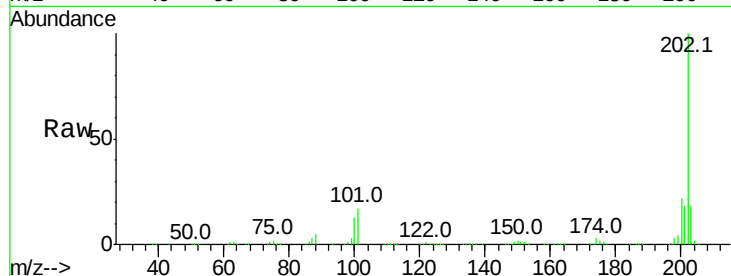




#77
 Pvrene
 Concen: 42.183 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

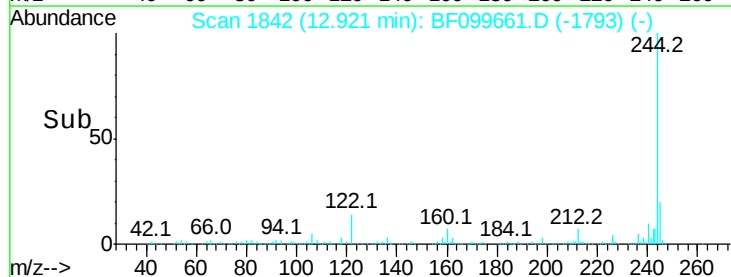
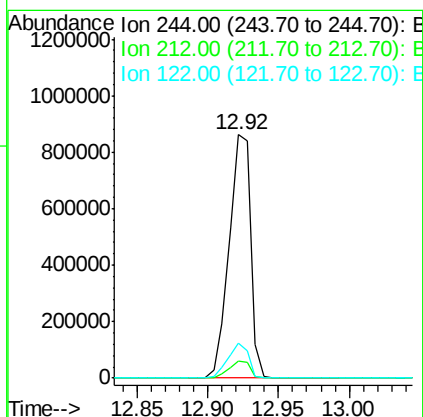
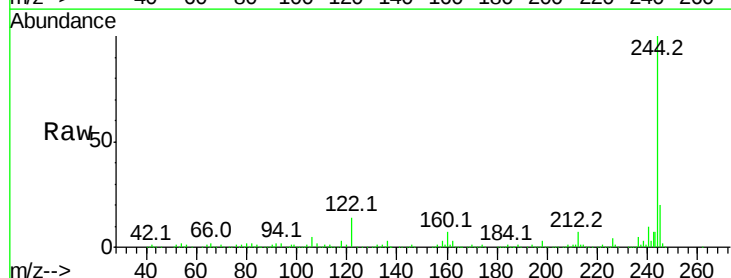
Instrument :
 BNA_F
 ClientSampleId :

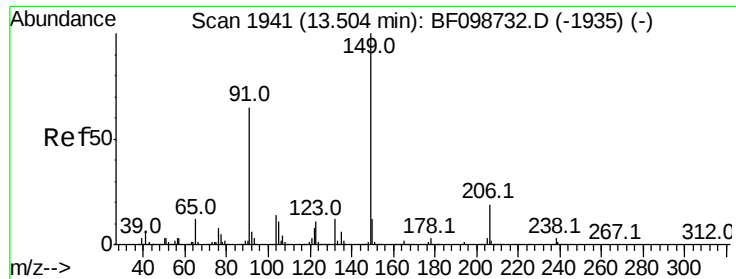
Tot Ion:202 Resp: 800626
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 83.431 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion:244 Resp: 913114
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.3 11.0 16.4

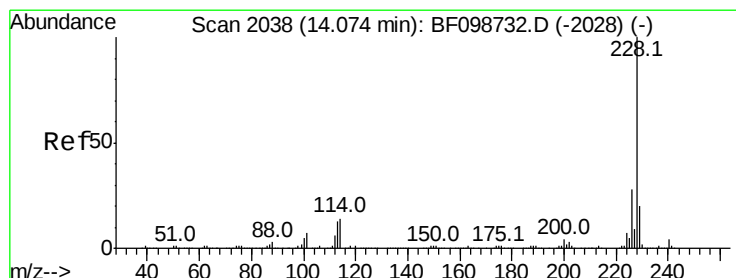
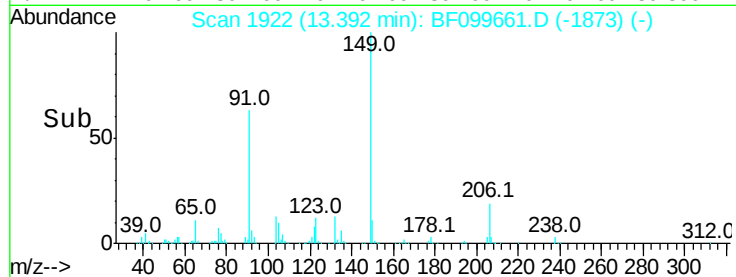
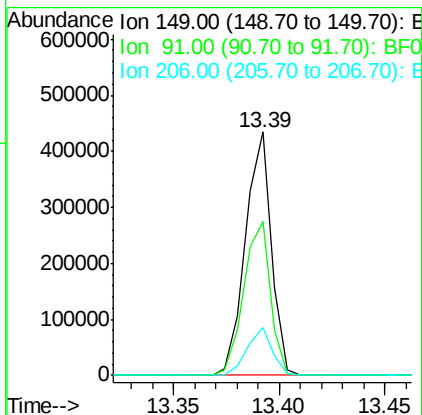
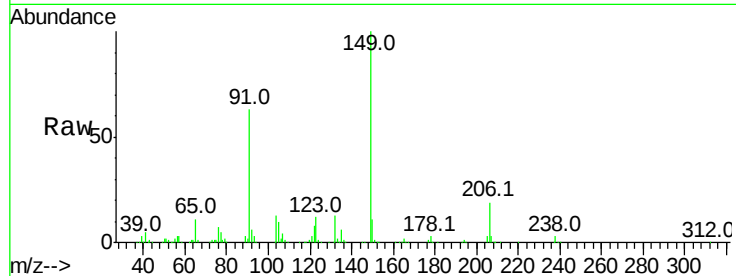




#79
 Butylbenzylphthalate
 Concen: 41.451 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

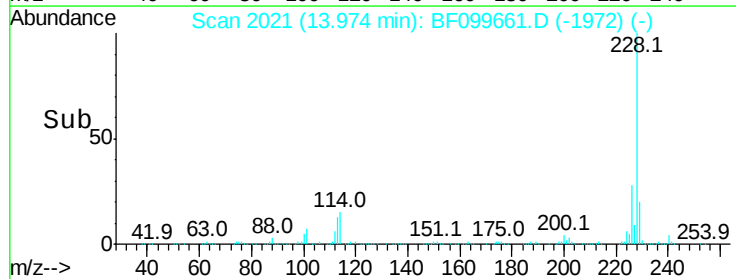
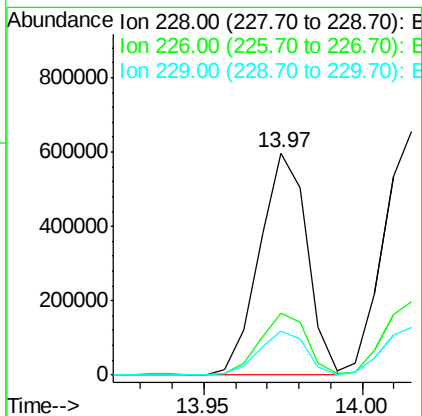
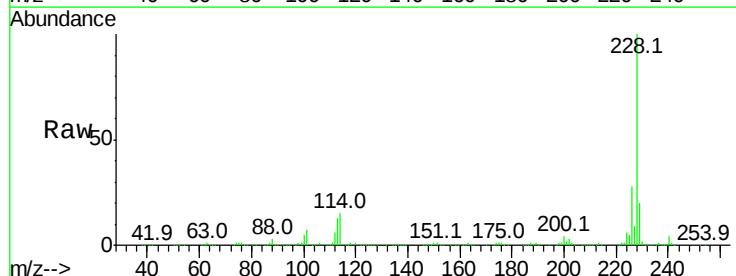
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.3	56.8	85.2
206	19.5	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 41.240 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.0	15.8	23.6

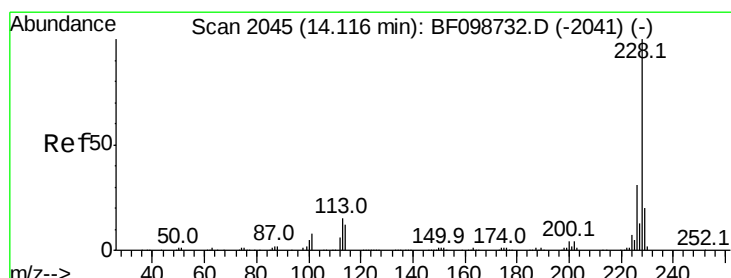
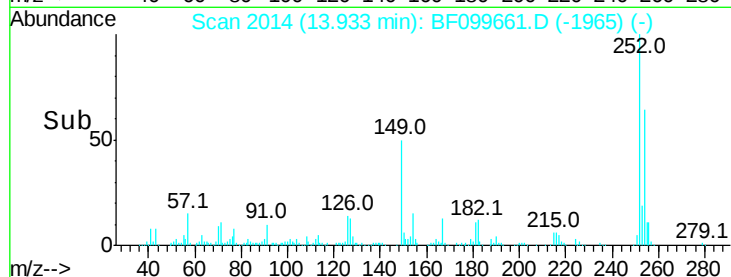
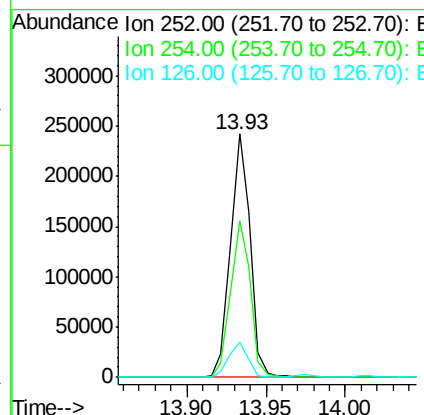
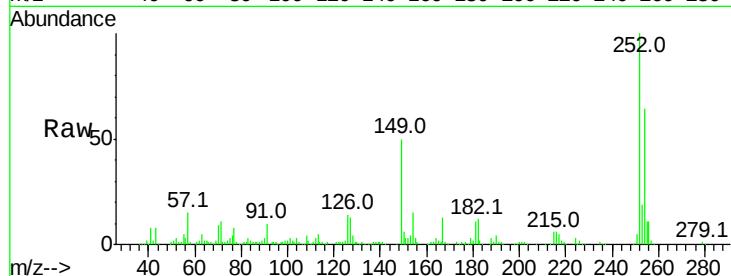




#81
 3,3'-Dichlorobenzidine
 Concen: 37.480 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

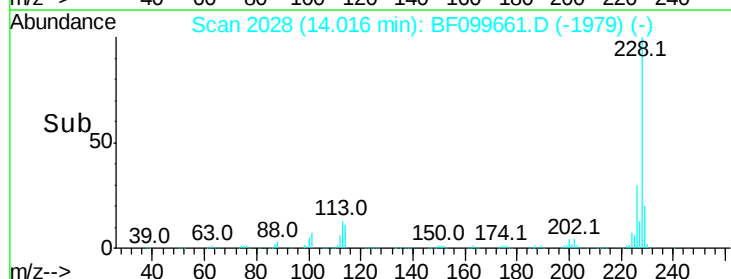
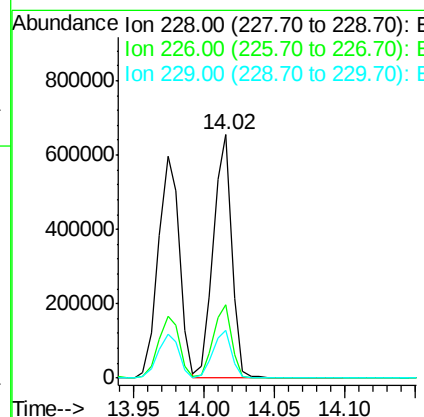
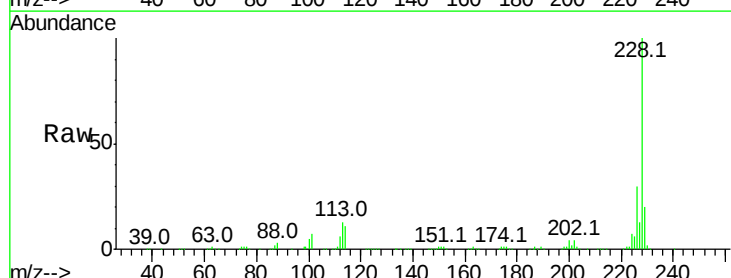
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	14.3	11.3	16.9



#82
 Chrysene
 Concen: 41.432 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.7	16.2	24.4

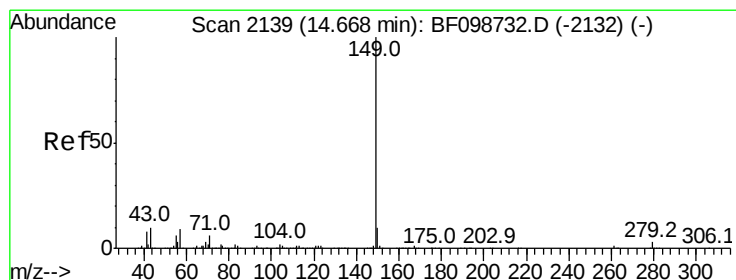
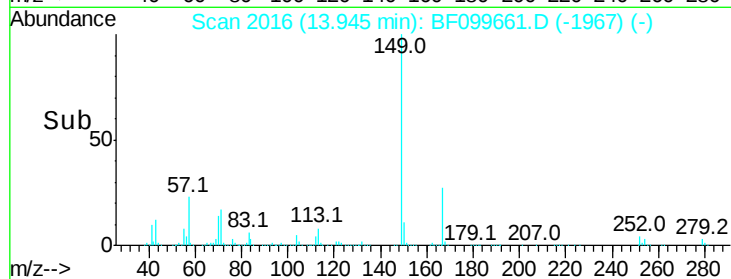
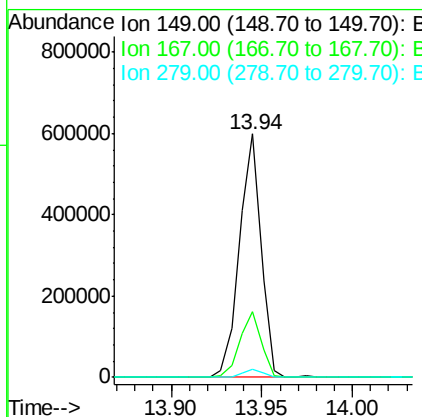
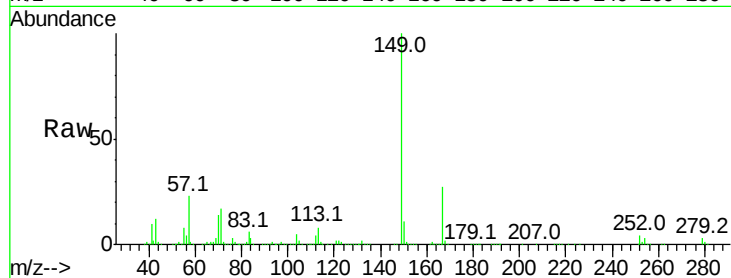




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.501 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

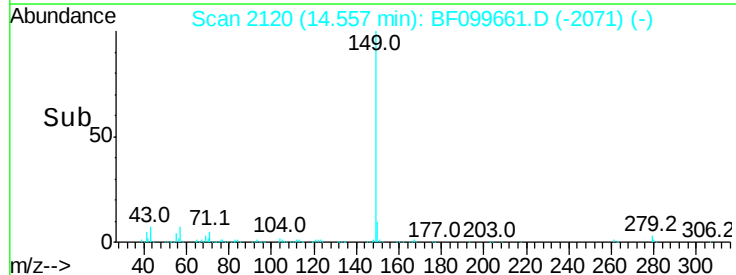
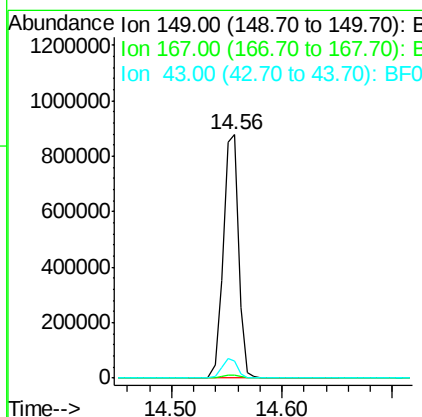
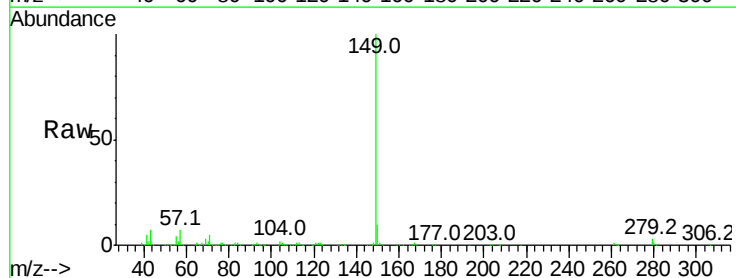
Instrument :
 BNA_F
 ClientSampleId :

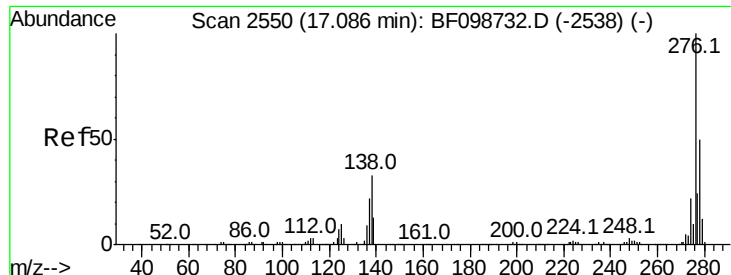
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 43.212 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	8.4	12.6#

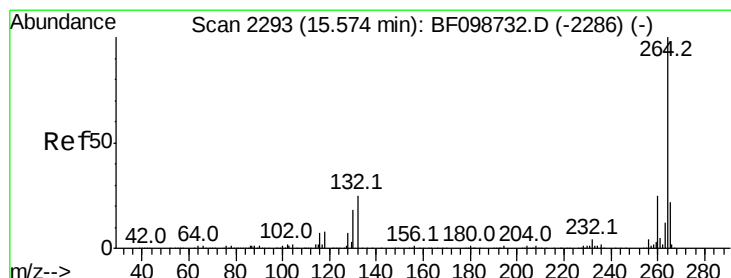
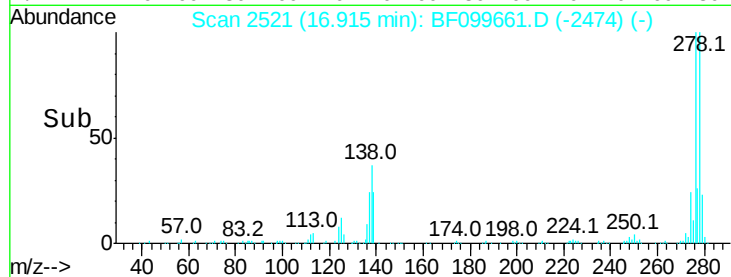
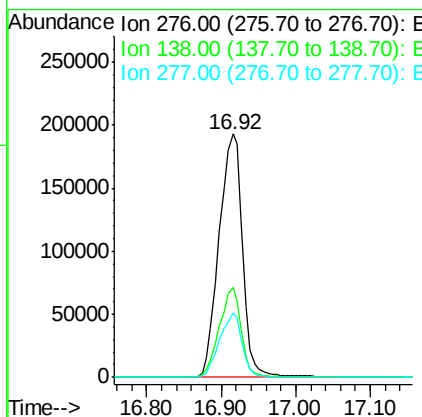
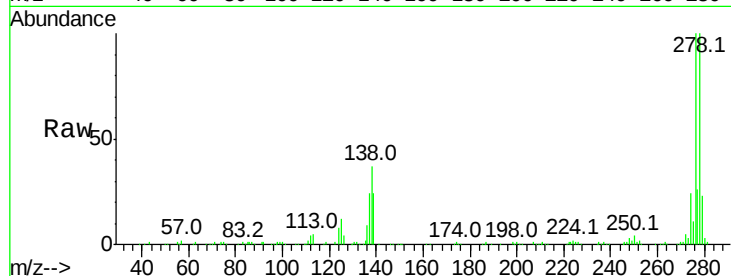




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.014 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.02 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

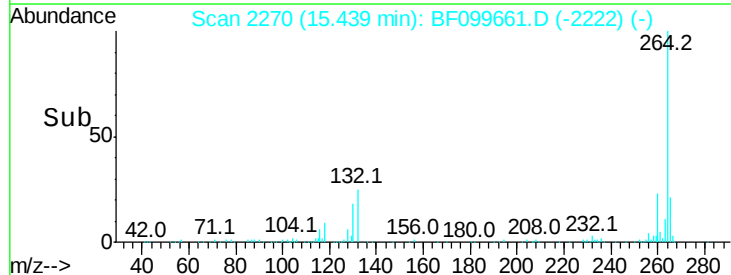
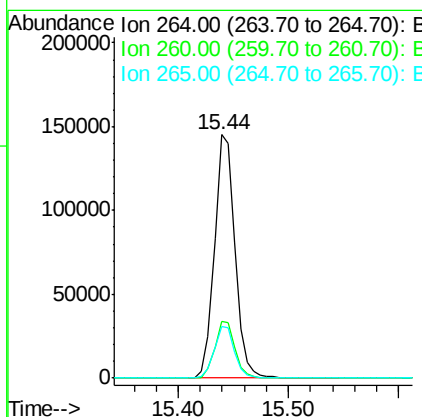
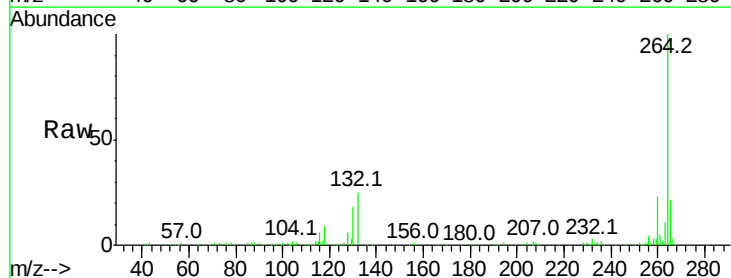
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 424860
 Ion Ratio Lower Upper
 276 100
 138 34.4 25.0 37.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF099661.D
 Acq: 19 Oct 2017 17:04

Tgt Ion:264 Resp: 186257
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.1 17.5 26.3

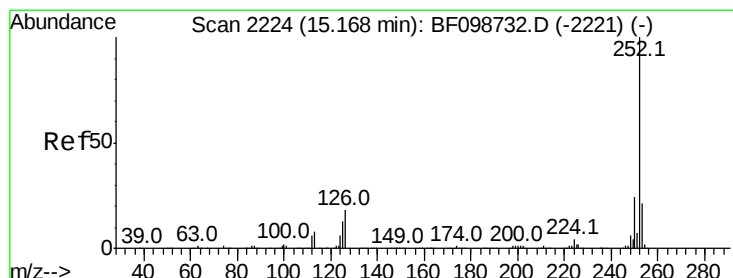
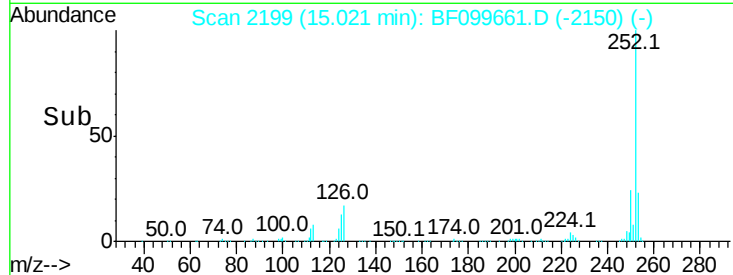
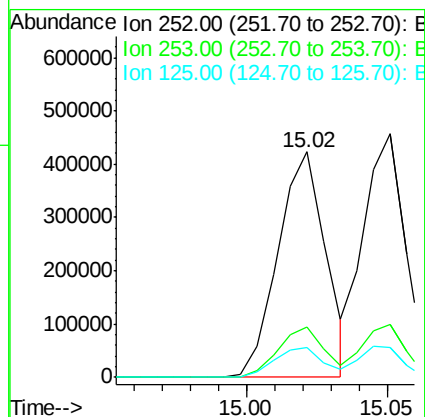
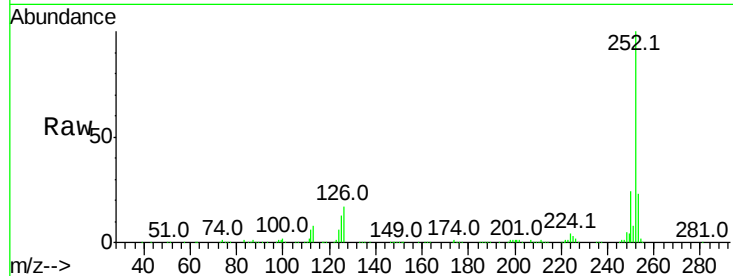




#87
Benzo(b)fluoranthene
Concen: 43.199 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

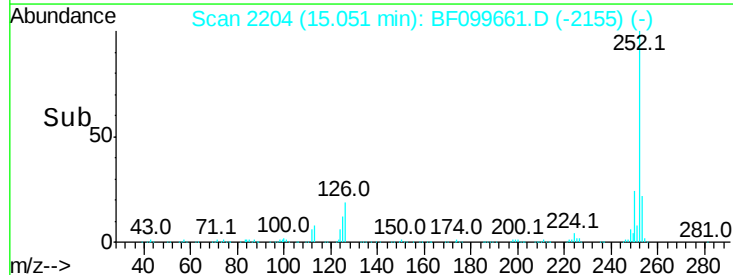
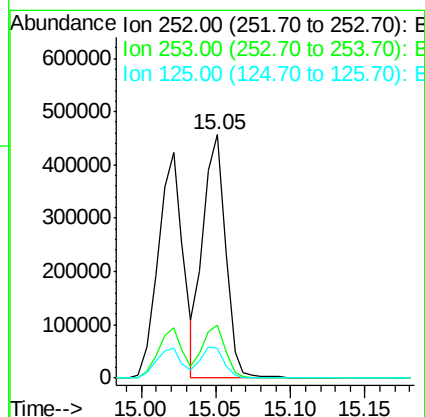
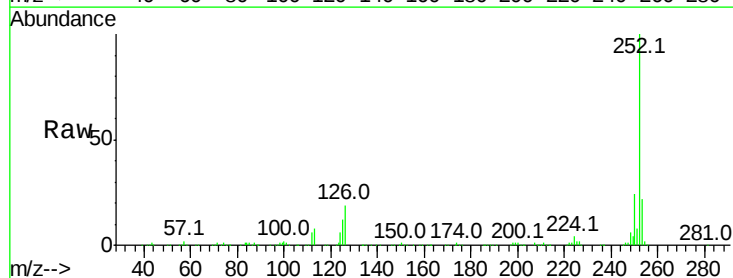
Instrument :
BNA_F
ClientSampleId :

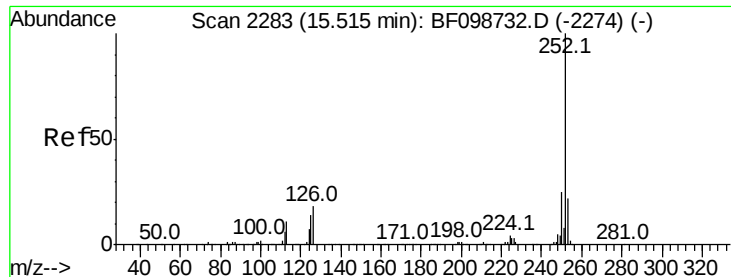
Tot Ion:252 Resp: 494705
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.196 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF099661.D
Acq: 19 Oct 2017 17:04

Tgt Ion:252 Resp: 477276
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.431 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

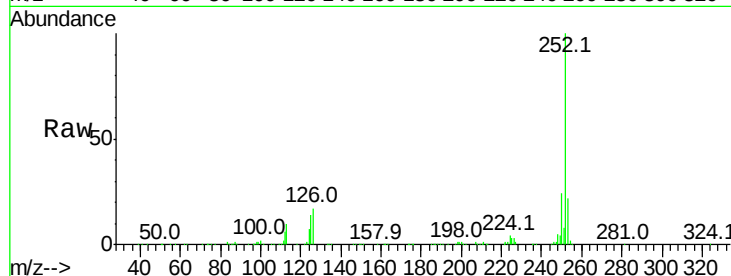
Tot Ion:252 Resp: 435518

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

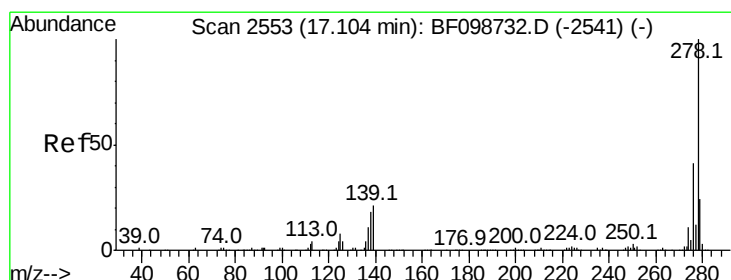
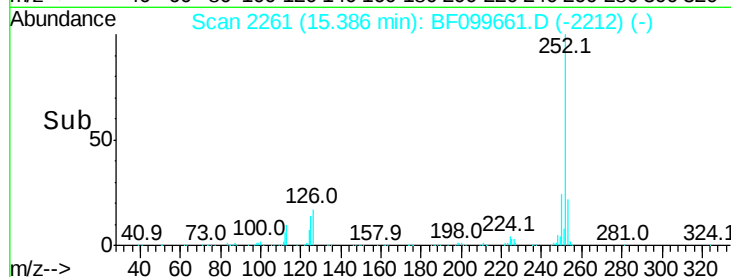
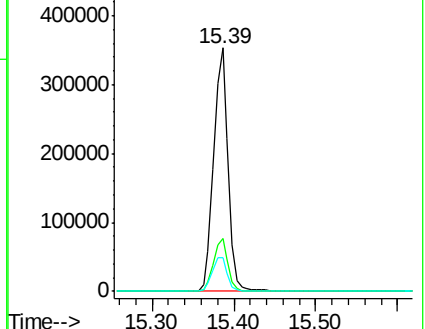
125 13.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.496 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.02 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

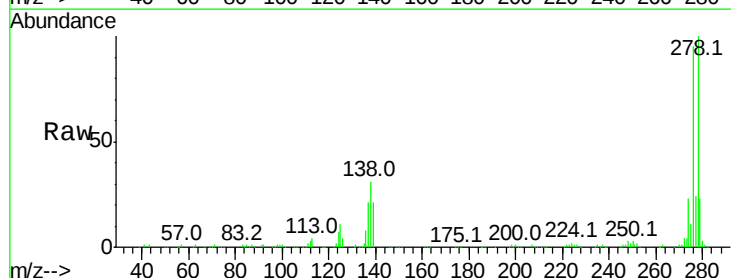
Tgt Ion:278 Resp: 349088

Ion Ratio Lower Upper

278 100

139 20.5 15.9 23.9

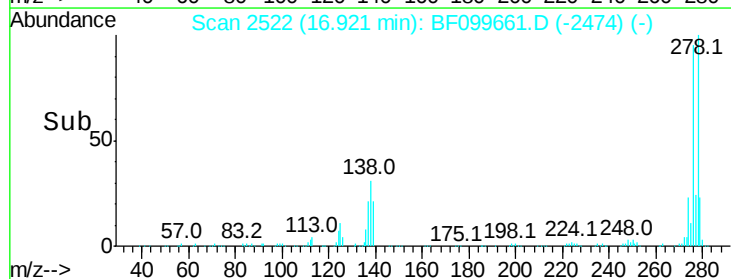
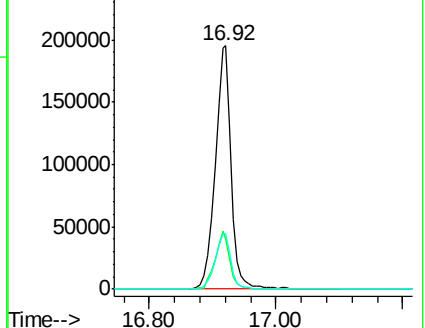
279 22.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.084 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BF099661.D

Acq: 19 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

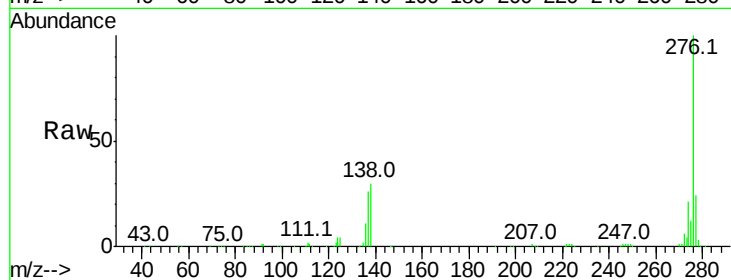
Tot Ion:276 Resp: 366595

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 30.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

