

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100014.D
 Acq On : 31 Oct 2017 20:08
 Operator : SJ/JU
 Sample : I6178-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:21:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	78630	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	327753	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	149432	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	256579	20.00	ng	0.00
75) Chrysene-d12	13.98	240	149898	20.00	ng	0.00
86) Perylene-d12	15.47	264	137336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	539877	107.79	ng	0.01
7) Phenol-d6	6.44	99	633362	106.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	359747	70.67	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	144821	106.35	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	690427	71.28	ng	0.00
78) Terphenyl-d14	12.90	244	553537	80.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	67576	30.554	ng	89
3) Pyridine	3.33	79	153874	28.931	ng	88
4) n-Nitrosodimethylamine	3.27	42	62945	33.127	ng	# 61
6) Aniline	6.46	93	211491	27.466	ng	# 78
8) 2-Chlorophenol	6.58	128	214171	40.123	ng	90
9) Benzaldehyde	6.35	77	96440	27.176	ng	90
10) Phenol	6.45	94	299933	46.001	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	195393	38.807	ng	93
12) 1,3-Dichlorobenzene	6.96	146	213681	35.652	ng	96
13) 1,4-Dichlorobenzene	6.80	146	229055	37.656	ng	98
14) 1,2-Dichlorobenzene	6.96	146	213684	38.544	ng	96
15) Benzyl Alcohol	6.94	79	149805	39.666	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	242347	43.330	ng	59
17) 2-Methylphenol	7.05	107	171082	38.316	ng	93
18) Hexachloroethane	7.29	117	72155	35.555	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	130056	37.371	ng	89
20) 3+4-Methylphenols	7.21	107	225810	43.434	ng	# 74
22) Acetophenone	7.20	105	276234	37.016	ng	# 94
24) Nitrobenzene	7.38	77	198210	38.641	ng	90
25) Isophorone	7.62	82	380887	41.231	ng	95
26) 2-Nitrophenol	7.69	139	120426	40.990	ng	88
27) 2,4-Dimethylphenol	7.73	122	192777	44.534	ng	92
28) bis(2-Chloroethoxy)methane	7.82	93	251332	38.848	ng	99
29) 2,4-Dichlorophenol	7.94	162	191562	42.599	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	184253	38.348	ng	98
31) Naphthalene	8.09	128	599009	37.862	ng	99
32) Benzoic acid	7.73	122	192777	50.594	ng	# 11
33) 4-Chloroaniline	8.15	127	157906	24.171	ng	# 93
34) Hexachlorobutadiene	8.20	225	91585	37.058	ng	99
35) Caprolactam	8.53	113	55858	39.499	ng	# 72
36) 4-Chloro-3-methylphenol	8.65	107	183838	40.053	ng	92
37) 2-Methylnaphthalene	8.79	142	420266	39.639	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	173965	36.045	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	13746	25.481	ng	97

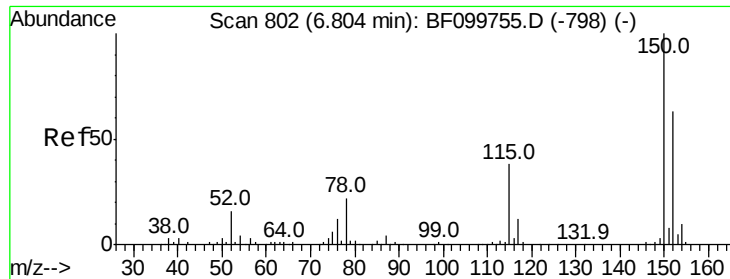
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100014.D
 Acq On : 31 Oct 2017 20:08
 Operator : SJ/JU
 Sample : I6178-02MSD
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	118282	40.517	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	122777	39.632	nq	95
45) 1,1'-Biphenyl	9.25	154	493474	36.504	nq	98
46) 2-Chloronaphthalene	9.27	162	380713	38.779	nq	97
47) 2-Nitroaniline	9.39	65	101193	39.273	nq	# 82
48) Acenaphthylene	9.69	152	565699	37.412	nq	99
49) Dimethylphthalate	9.55	163	623934	52.725	nq	99
50) 2,6-Dinitrotoluene	9.63	165	98782	39.708	nq	87
51) Acenaphthene	9.86	154	341831	36.998	nq	98
52) 3-Nitroaniline	9.80	138	87983	30.015	nq	# 79
53) 2,4-Dinitrophenol	9.94	184	12420	17.495	nq	# 86
54) Dibenzofuran	10.03	168	509402	39.059	nq	99
55) 4-Nitrophenol	9.99	139	93392	60.977	nq	81
56) 2,4-Dinitrotoluene	10.04	165	125616	41.929	nq	93
57) Fluorene	10.38	166	404678	37.476	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	92363	42.523	nq	# 90
59) Diethylphthalate	10.25	149	435631	37.697	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	190775	37.540	nq	97
61) 4-Nitroaniline	10.42	138	100534	35.948	nq	84
62) Azobenzene	10.53	77	378167	39.037	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	28508	17.675	nq	# 71
65) n-Nitrosodiphenylamine	10.49	169	367005	38.748	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	109192	40.424	nq	90
67) Hexachlorobenzene	10.93	284	107733	38.985	nq	# 90
68) Atrazine	11.02	200	116022	40.780	nq	97
69) Pentachlorophenol	11.14	266	74872	63.407	nq	99
70) Phenanthrene	11.35	178	553190	38.204	nq	98
71) Anthracene	11.40	178	576369	39.214	nq	99
72) Carbazole	11.56	167	527778	38.185	nq	98
73) Di-n-butylphthalate	11.87	149	690033	39.141	nq	# 98
74) Fluoranthene	12.54	202	521492	34.655	nq	99
76) Benzidine	12.67	184	260074	39.651	nq	97
77) Pyrene	12.77	202	514573	45.145	nq	98
79) Butylbenzylphthalate	13.37	149	259220	46.184	nq	92
80) Benzo(a)anthracene	13.97	228	357681	37.641	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	123175	35.709	nq	98
82) Chrysene	14.01	228	343071	38.402	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	354355	44.957	nq	99
84) Di-n-octyl phthalate	14.56	149	542038	40.066	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.97	276	343737	41.913	nq	98
87) Benzo(b)fluoranthene	15.04	252	328649	37.897	nq	97
88) Benzo(k)fluoranthene	15.07	252	291328	35.625	nq	99
89) Benzo(a)pyrene	15.41	252	304995	39.152	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	287614	41.551	nq	98
91) Benzo(g,h,i)perylene	17.42	276	286758	42.344	nq	100

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

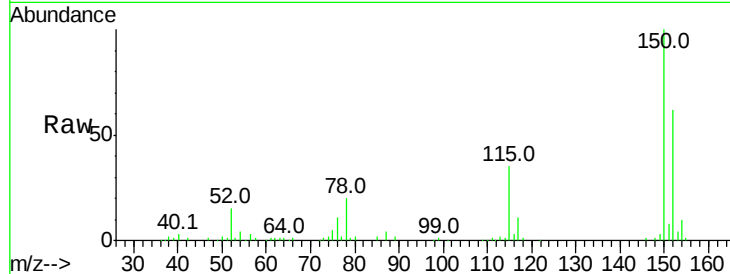


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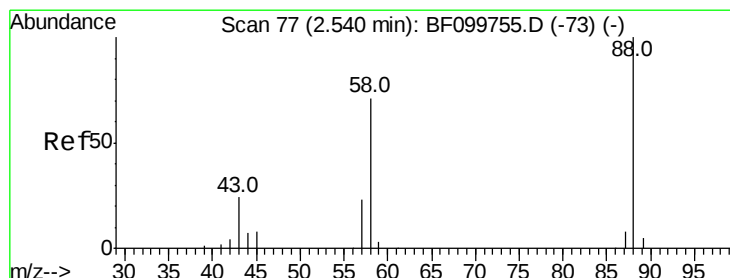
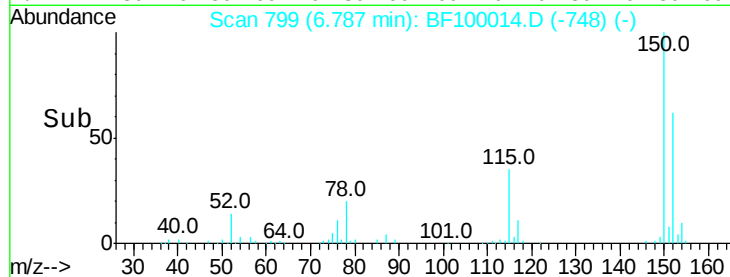
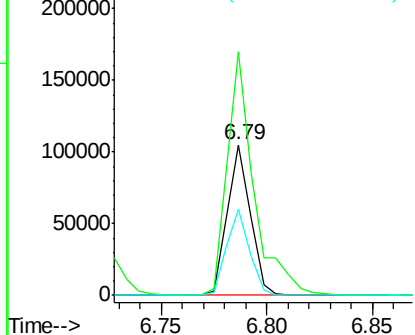
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78630
Ion Ratio Lower Upper
152 100
150 161.6 124.6 186.8
115 56.9 50.1 75.1



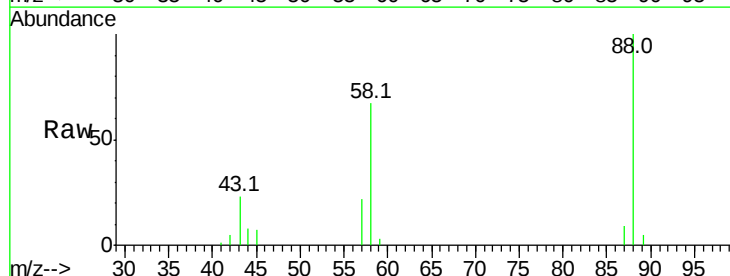
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



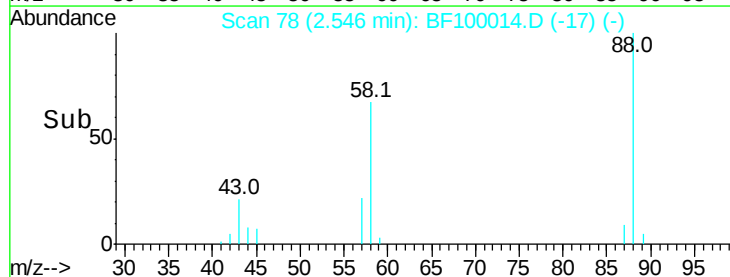
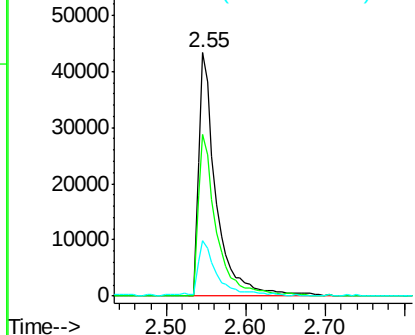
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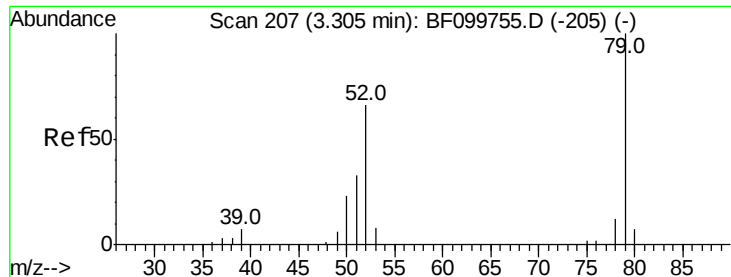
1,4-Dioxane
Concen: 30.554 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.06 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion: 88 Resp: 67576
Ion Ratio Lower Upper
88 100
58 67.5 62.6 93.8
43 26.1 24.6 37.0



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

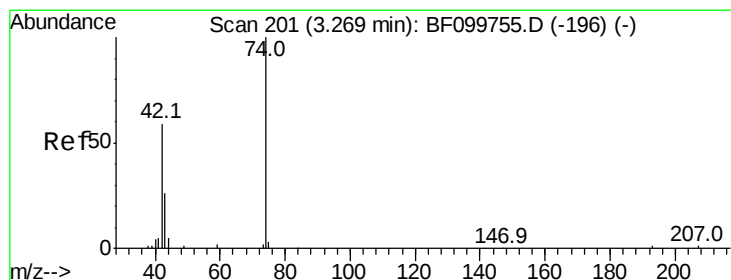
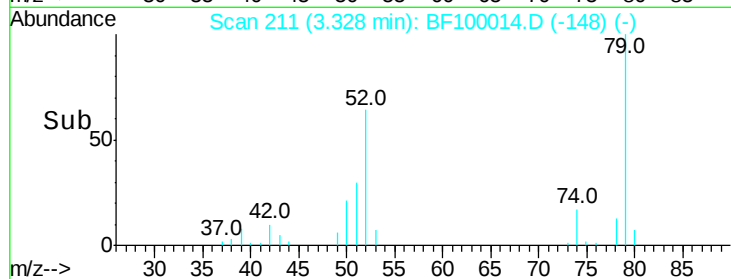
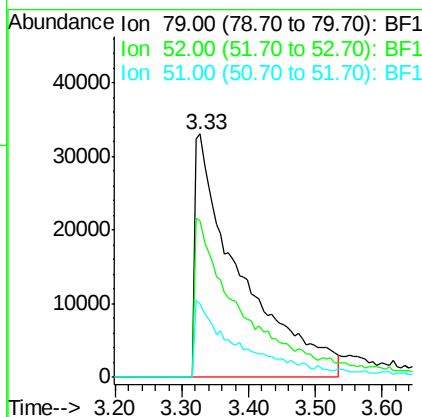
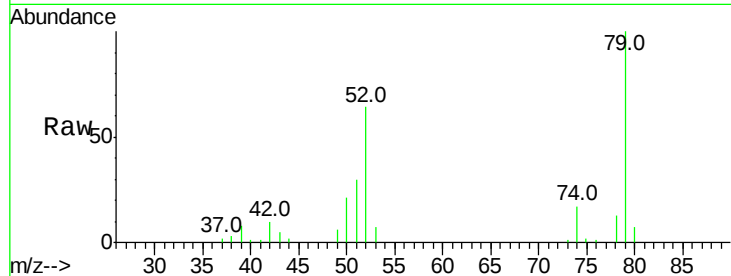




#3
 Pvridine
 Concen: 28.931 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.07 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

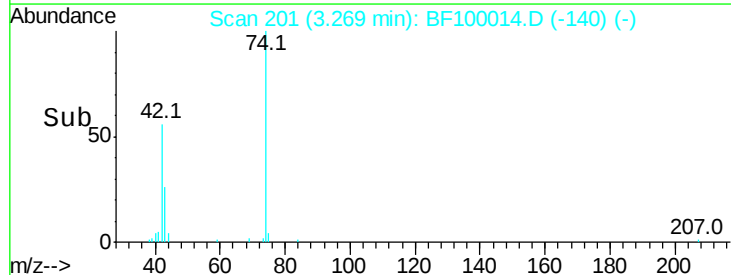
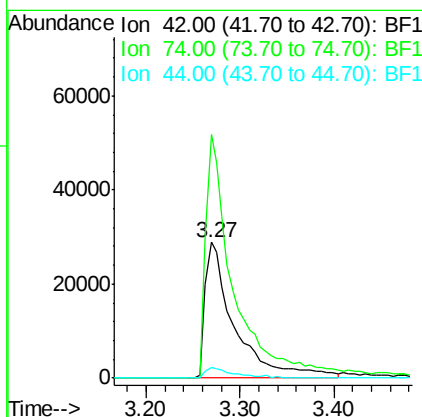
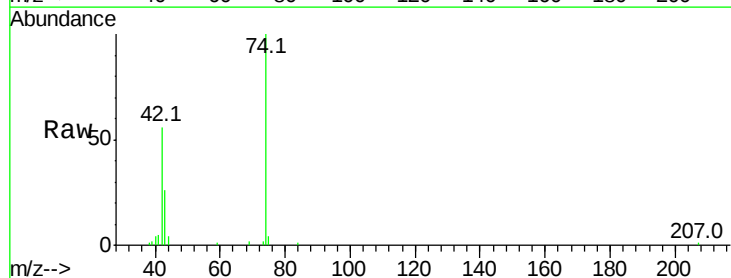
Instrument :
 BNA_F
 ClientSampleId :

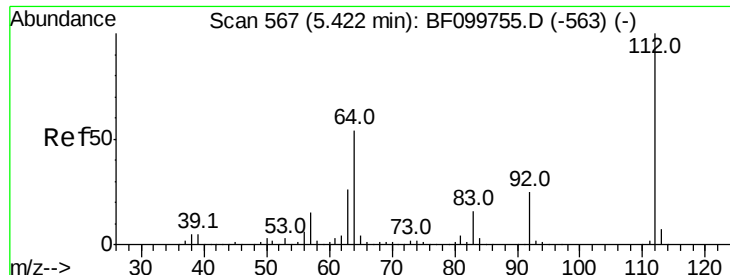
Tot Ion: 79 Resp: 153874
 Ion Ratio Lower Upper
 79 100
 52 64.1 59.8 89.6
 51 29.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 33.127 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.06 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion: 42 Resp: 62945
 Ion Ratio Lower Upper
 42 100
 74 179.2 104.9 157.3#
 44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 107.795 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampled :

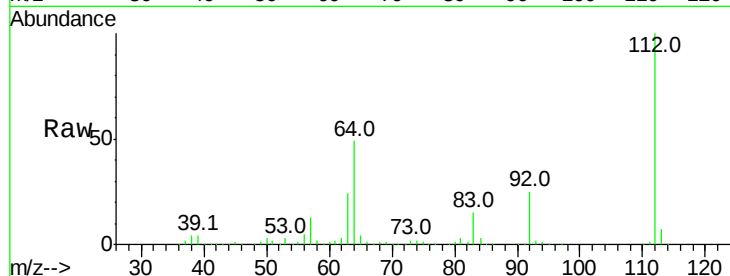
Tot Ion:112 Resp: 539877

Ion Ratio Lower Upper

112 100

64 49.3 47.9 71.9

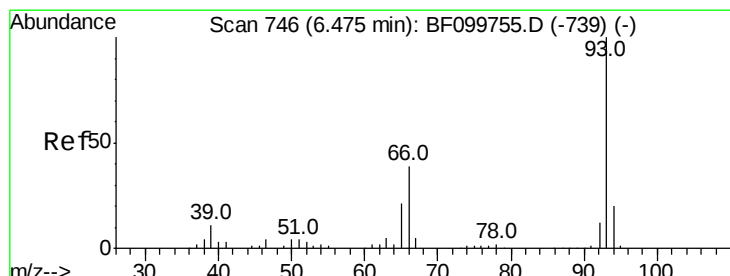
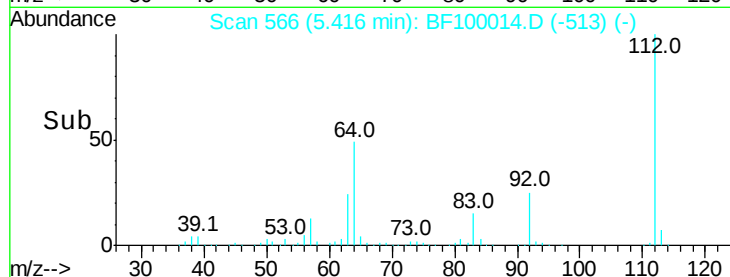
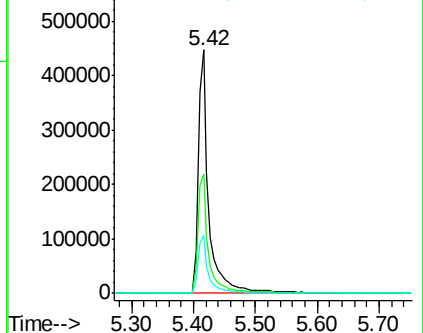
63 23.6 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.466 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

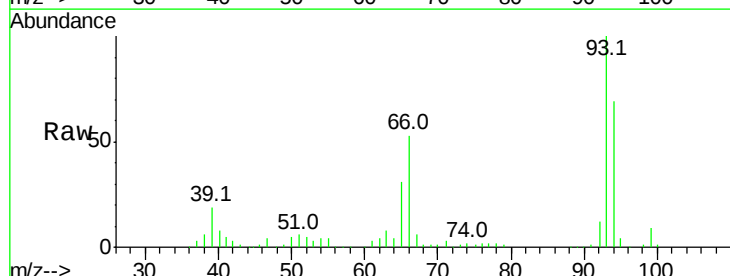
Tgt Ion: 93 Resp: 211491

Ion Ratio Lower Upper

93 100

66 53.5 32.2 48.2#

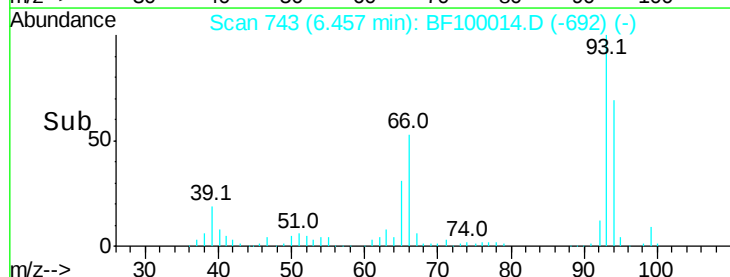
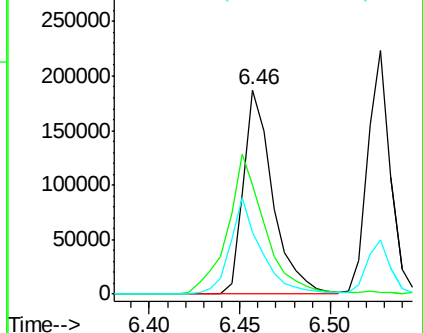
65 30.5 16.4 24.6#

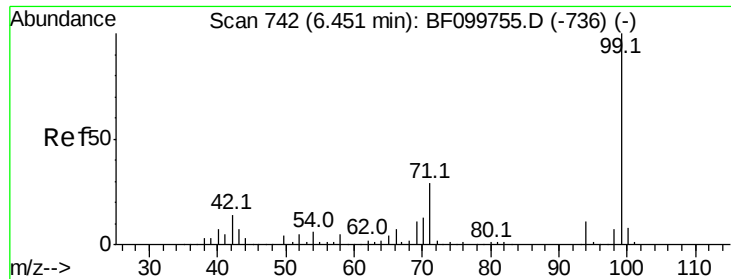


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.653 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

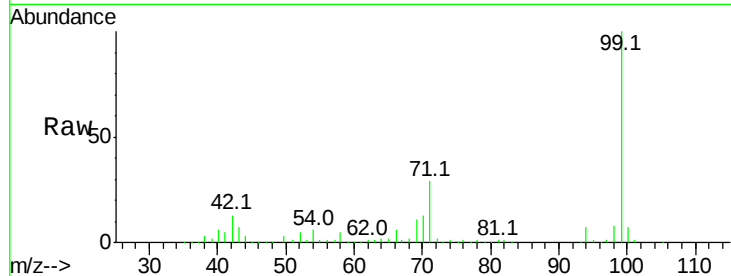
Tot Ion: 99 Resp: 633362

Ion Ratio Lower Upper

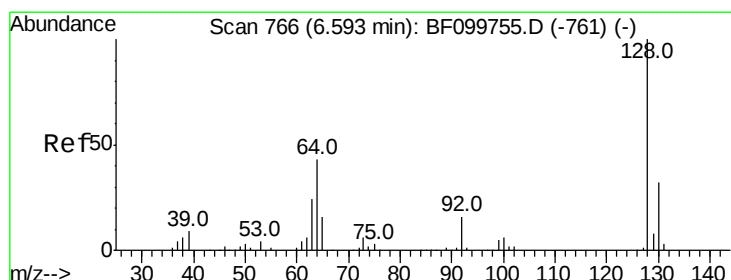
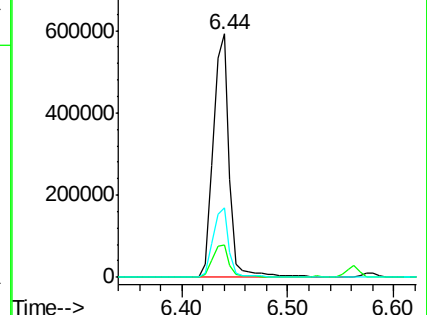
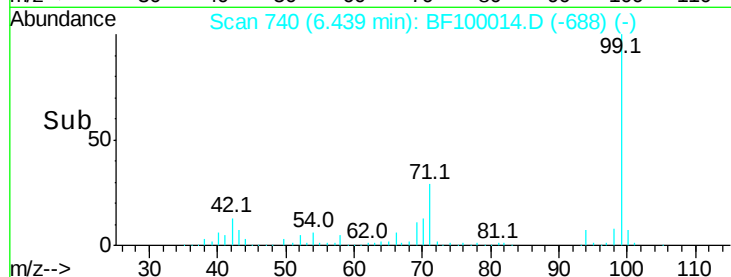
99 100

42 13.2 14.5 21.7#

71 28.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.123 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

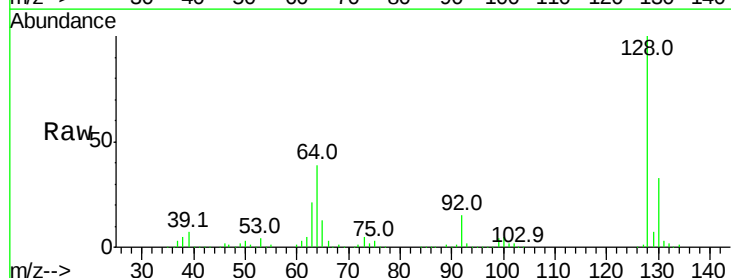
Tgt Ion: 128 Resp: 214171

Ion Ratio Lower Upper

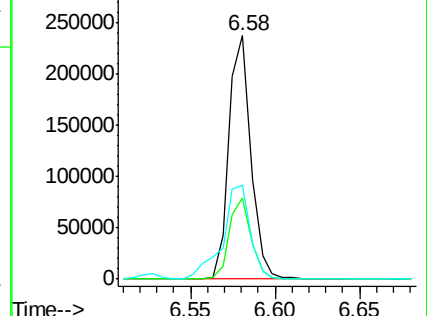
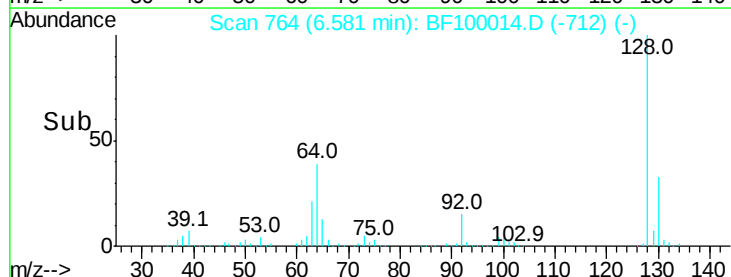
128 100

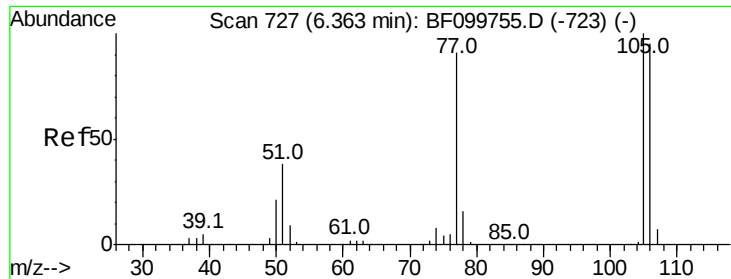
130 33.1 13.0 53.0

64 38.5 29.4 69.4



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

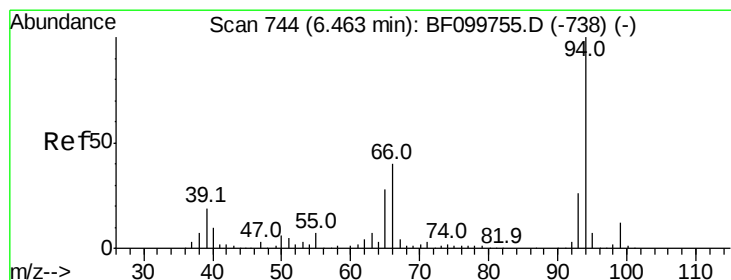
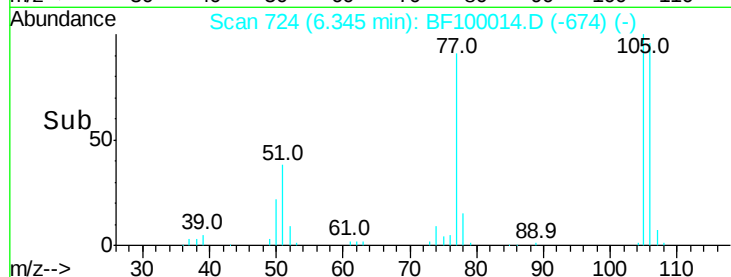
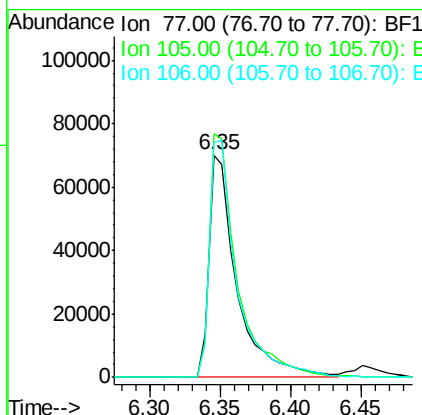
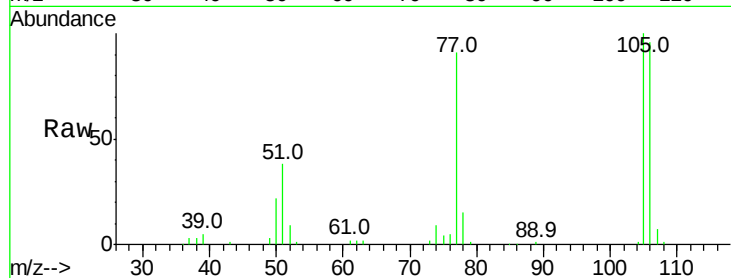




#9
Benzaldehyde
Concen: 27.176 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

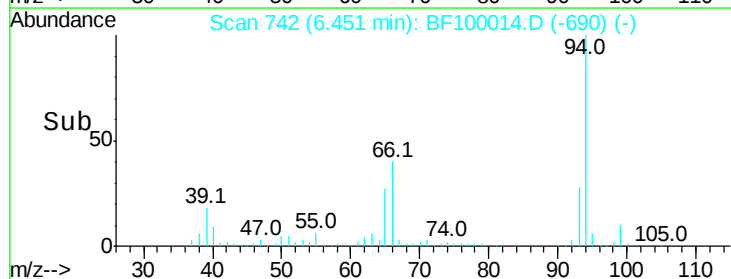
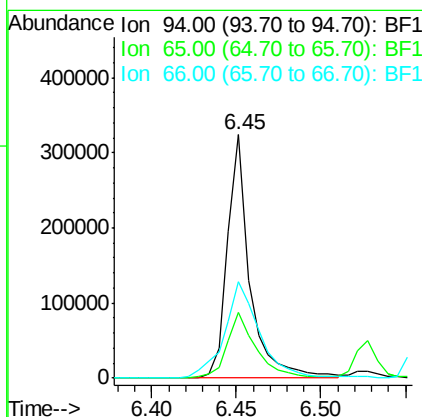
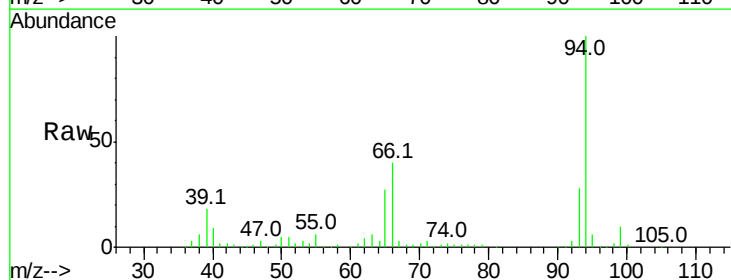
Instrument :
BNA_F
ClientSampleId :

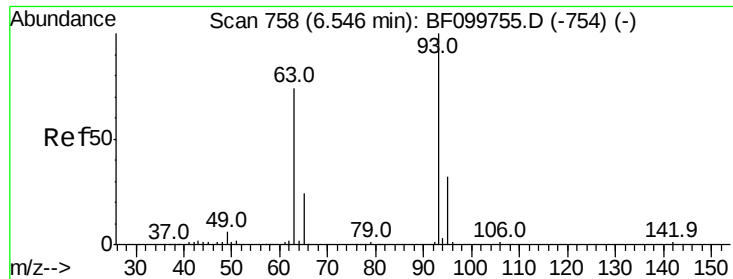
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Ion Ratio Lower Upper
77 100
105 109.8 81.1 121.1
106 105.6 74.5 114.5



#10
Phenol
Concen: 46.001 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion: 94 Resp: 299933
Ion Ratio Lower Upper
94 100
65 27.1 7.9 47.9
66 39.6 16.2 56.2

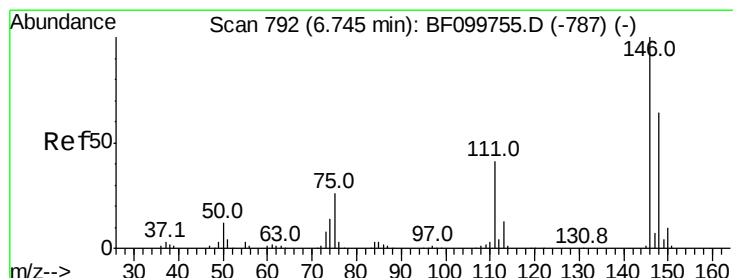
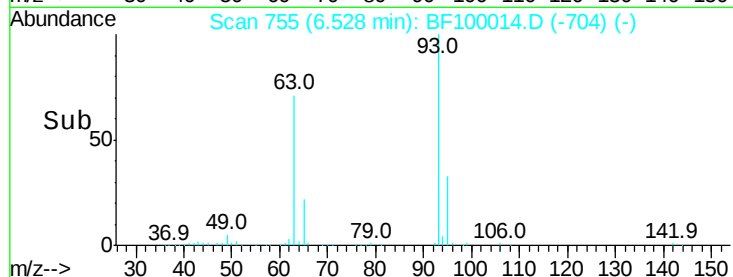
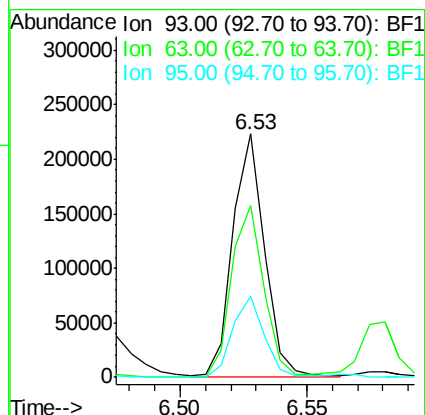
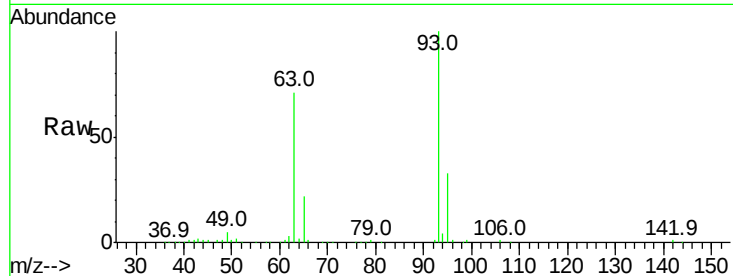




#11
 bis(2-Chloroethyl)ether
 Concen: 38.807 ng
 RT: 6.53 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

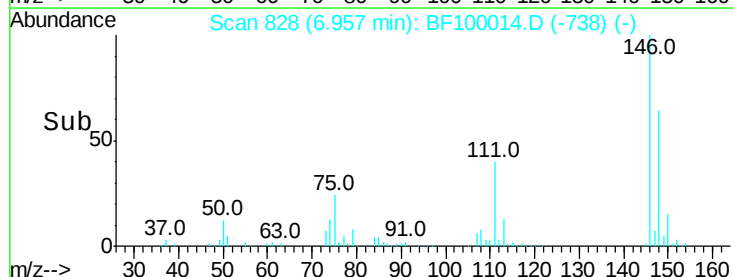
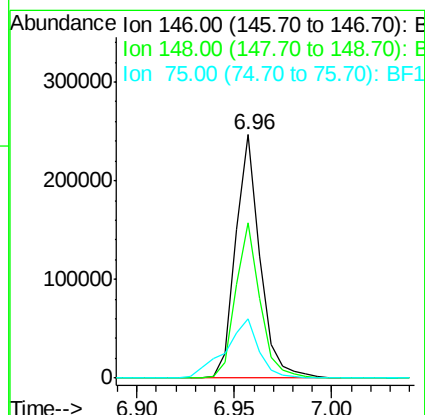
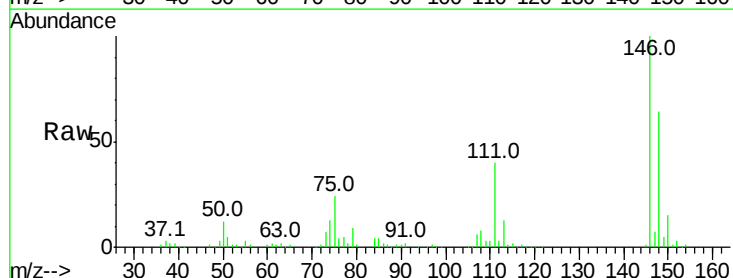
Instrument :
 BNA_F
 ClientSampleId :

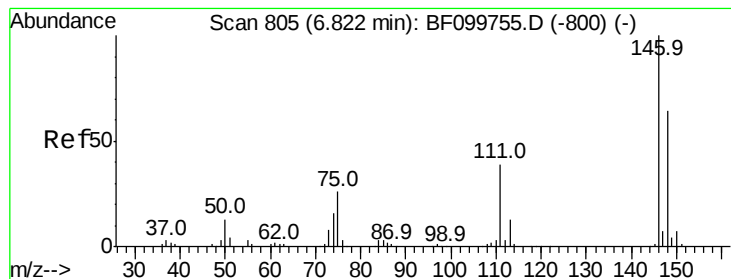
Tot Ion: 93 Resp: 195393
 Ion Ratio Lower Upper
 93 100
 63 70.8 58.6 98.6
 95 33.3 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 35.652 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.23 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion: 146 Resp: 213681
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.8
 75 24.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.656 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

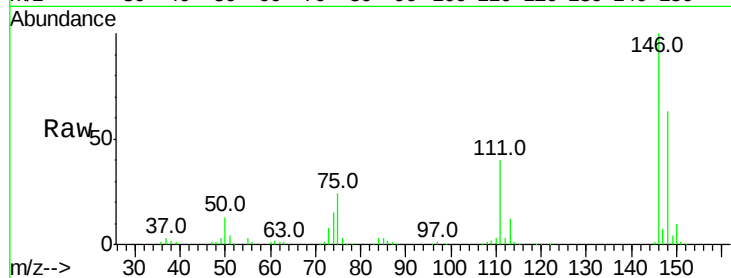
Tot Ion:146 Resp: 229055

Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

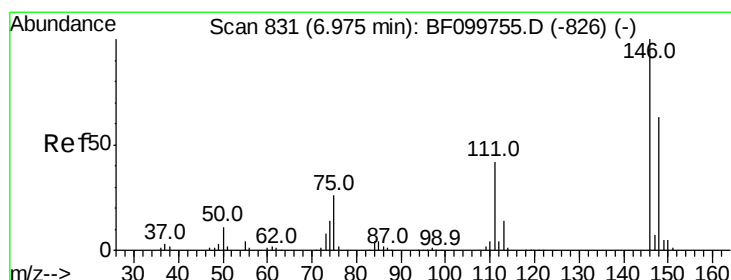
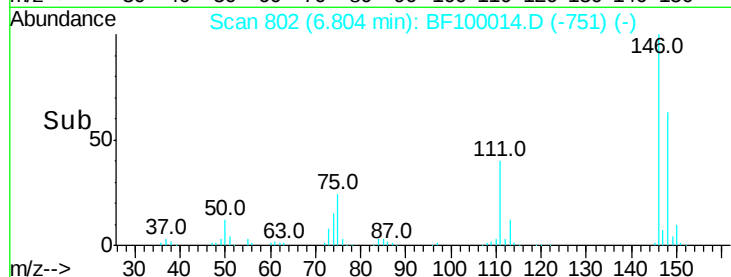
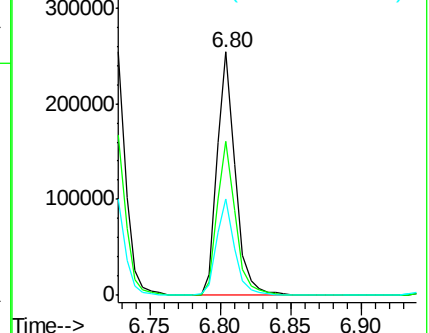
111 39.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.544 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

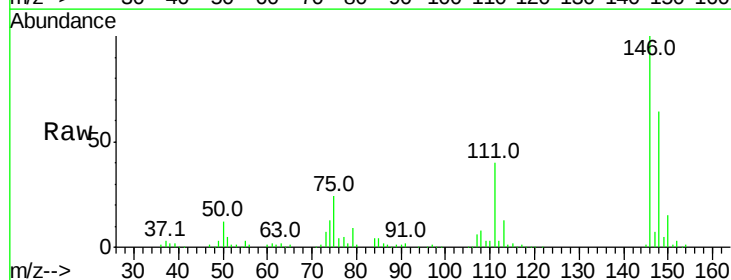
Tgt Ion:146 Resp: 213684

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

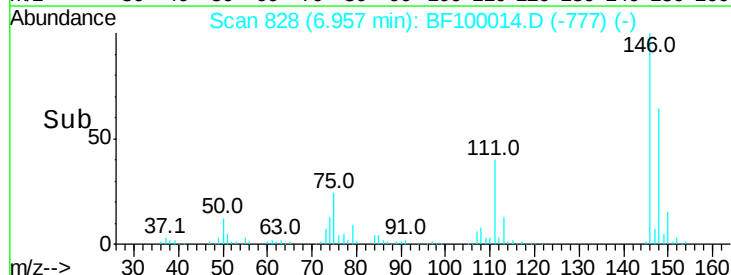
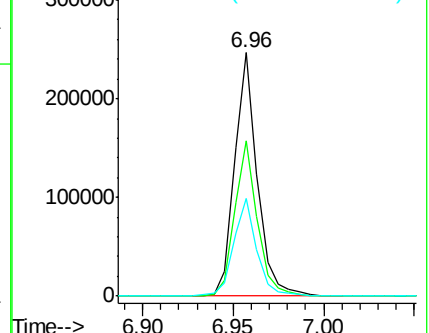
111 39.9 36.0 54.0

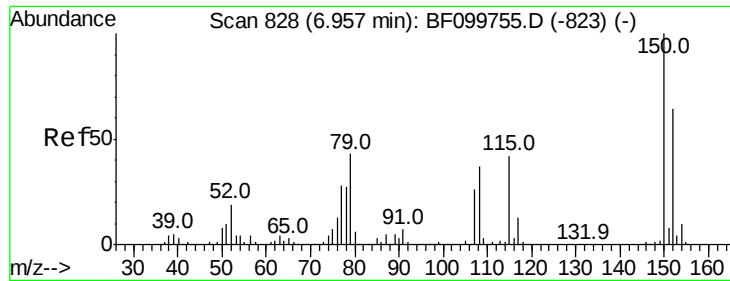


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

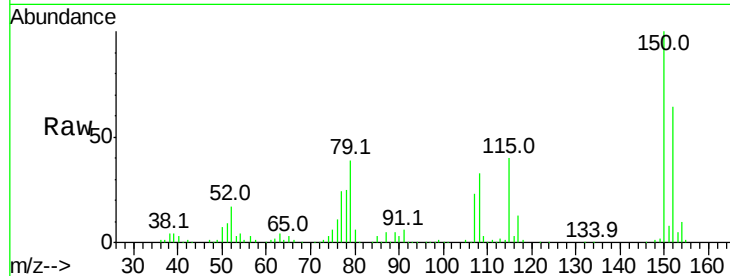




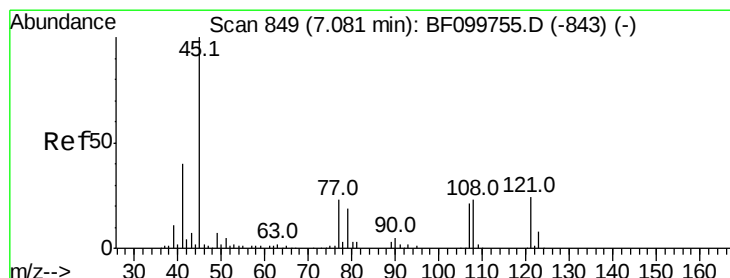
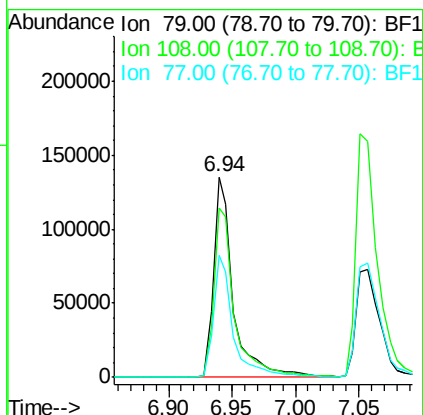
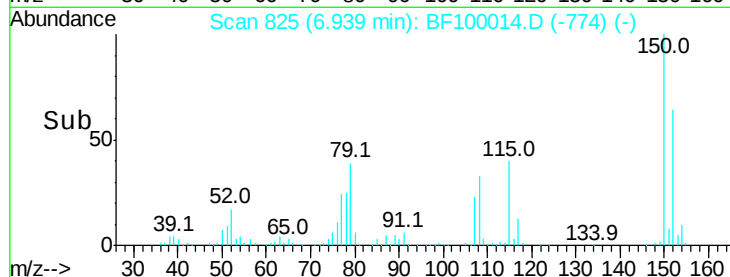
#15
Benzyl Alcohol
Concen: 39.666 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 149805
Ion Ratio Lower Upper
79 100
108 84.6 65.1 97.7
77 61.1 50.6 75.8

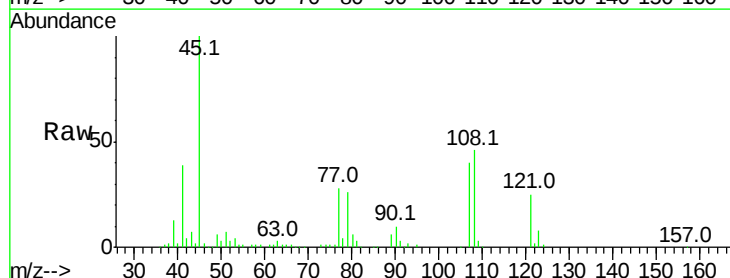


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

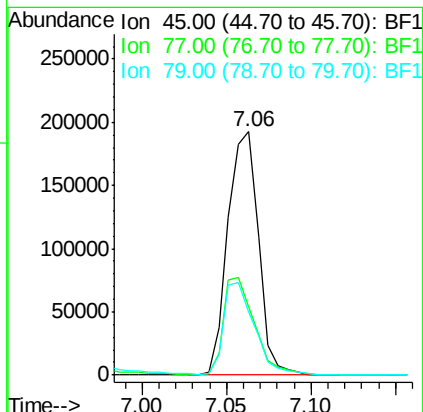
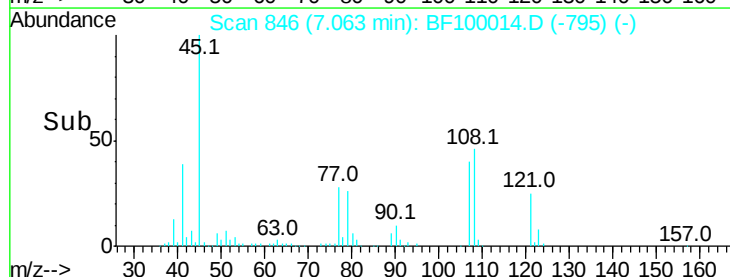


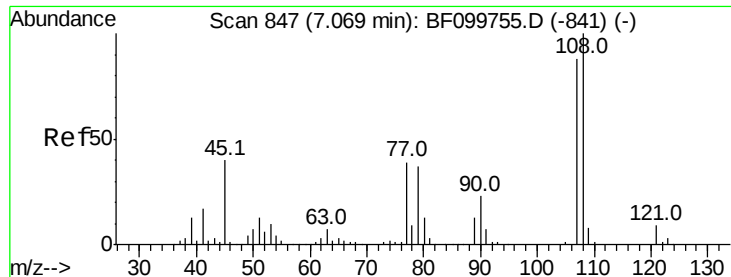
#16
2,2'-oxybis(1-chloropropane)
Concen: 43.330 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion: 45 Resp: 242347
Ion Ratio Lower Upper
45 100
77 28.1 0.0 32.9
79 25.8 0.0 29.6



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





#17

2-Methylphenol

Concen: 38.316 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 171082

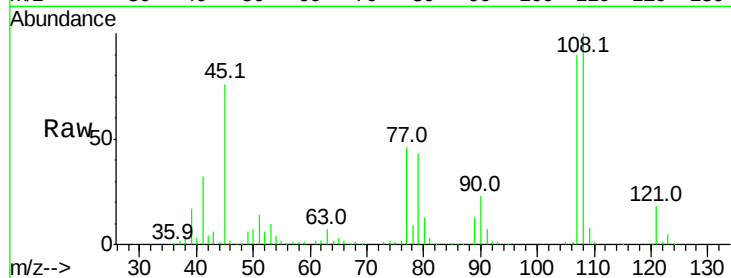
Ion Ratio Lower Upper

107 100

108 110.9 91.7 137.5

77 50.5 33.8 50.8

79 47.8 33.8 50.8

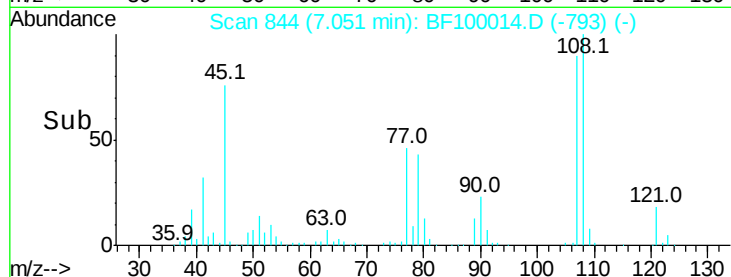


Abundance Ion 107.00 (106.70 to 107.70): E

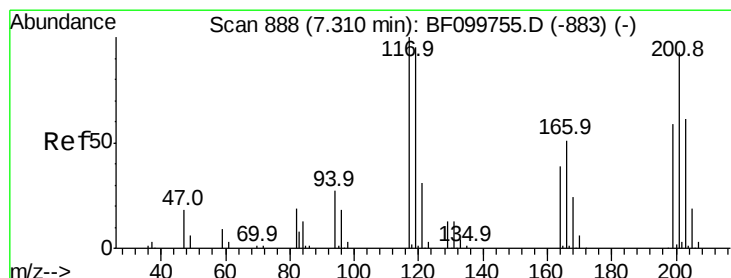
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 35.555 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

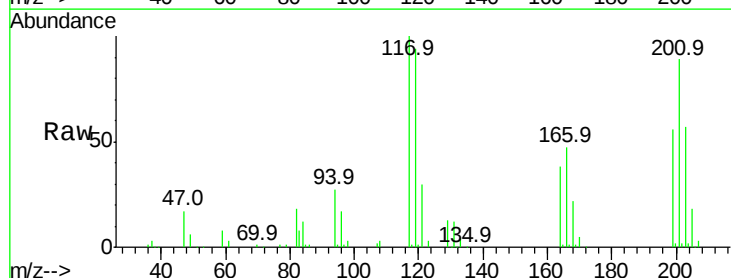
Tgt Ion:117 Resp: 72155

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

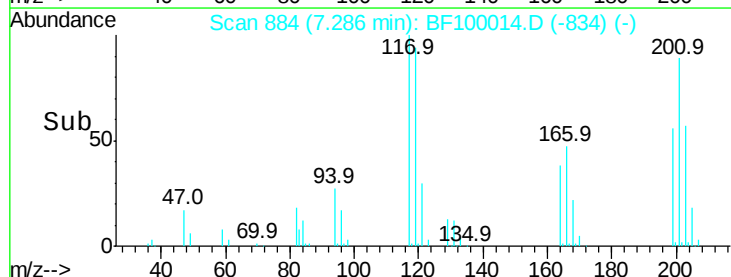
201 89.2 75.7 113.5



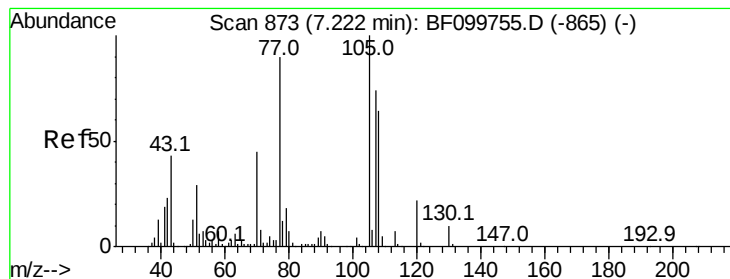
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 37.371 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 130056

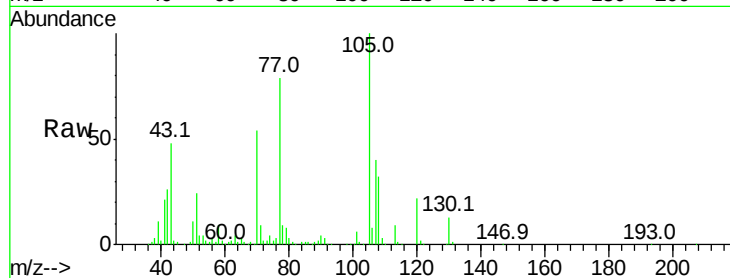
Ion Ratio Lower Upper

70 100

42 49.3 47.5 71.3

101 10.3 7.4 11.2

130 24.0 16.6 25.0

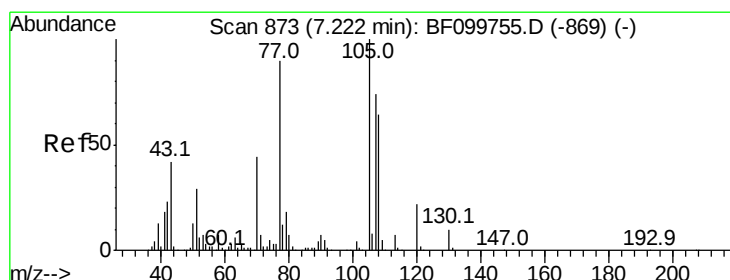
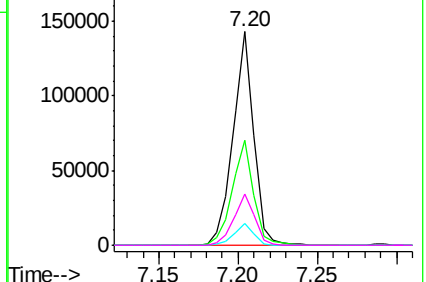
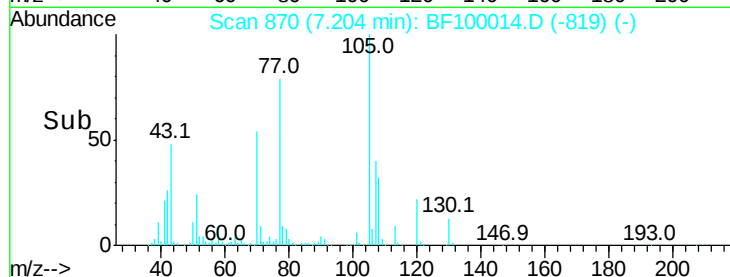


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 43.434 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:107 Resp: 225810

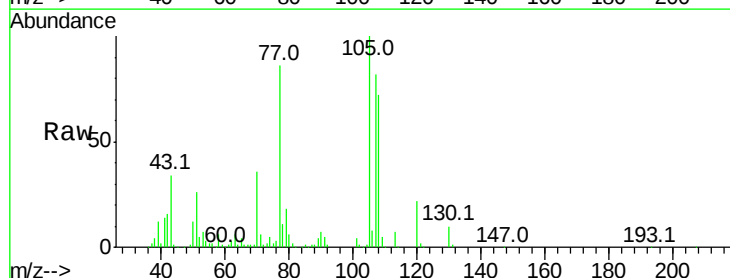
Ion Ratio Lower Upper

107 100

108 88.2 68.2 108.2

77 104.5 26.7 66.7#

79 22.2 6.3 46.3

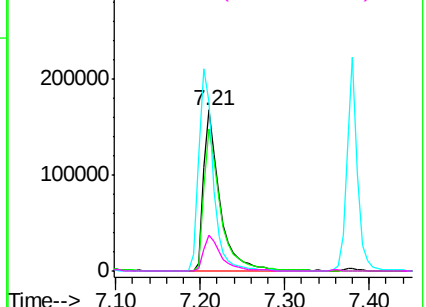
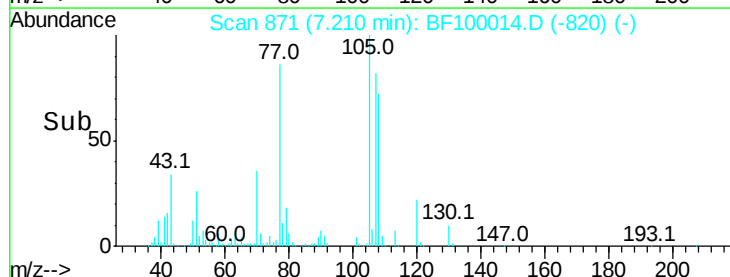


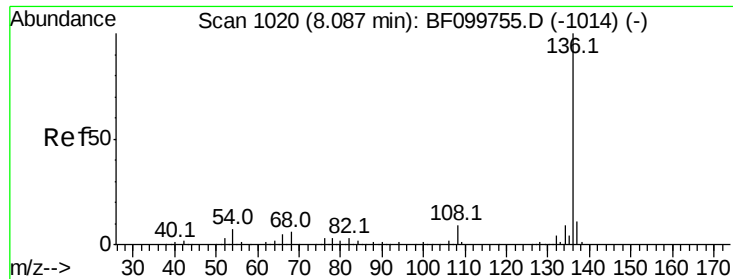
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 327753

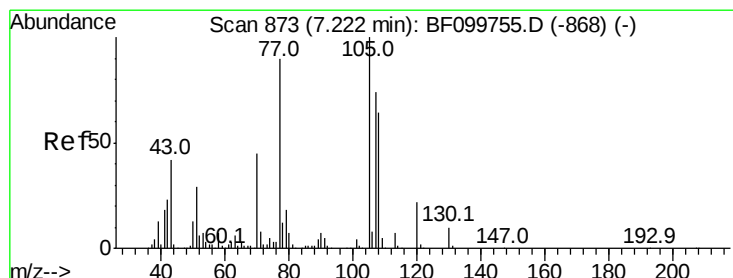
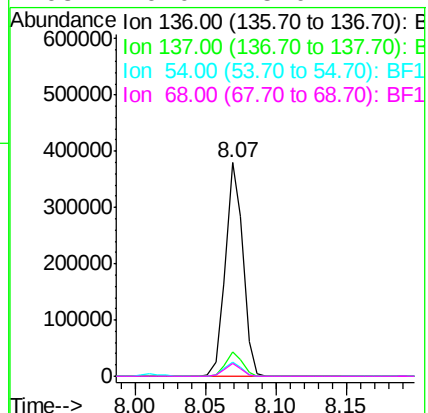
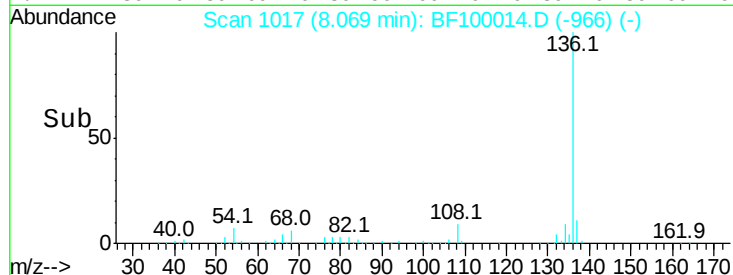
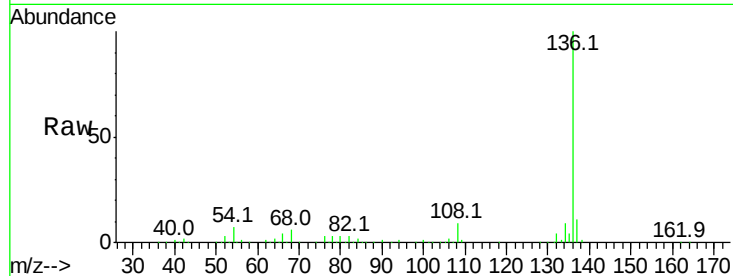
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.9 6.6 9.8

68 6.0 5.0 7.4



#22

Acetophenone

Concen: 37.016 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:105 Resp: 276234

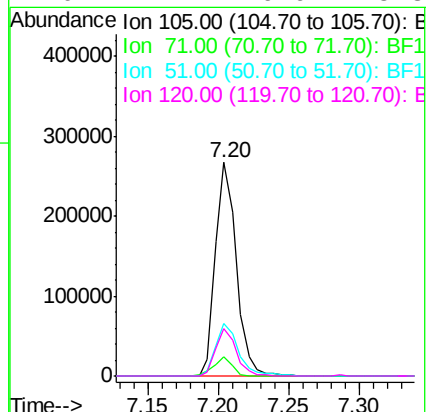
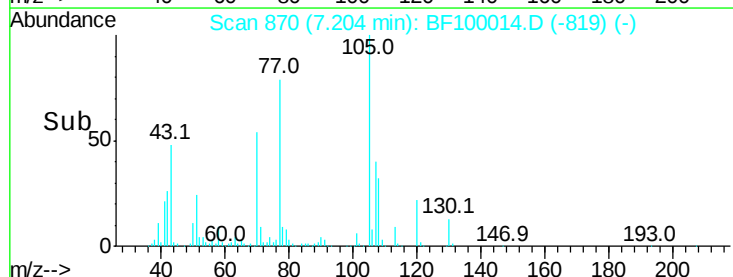
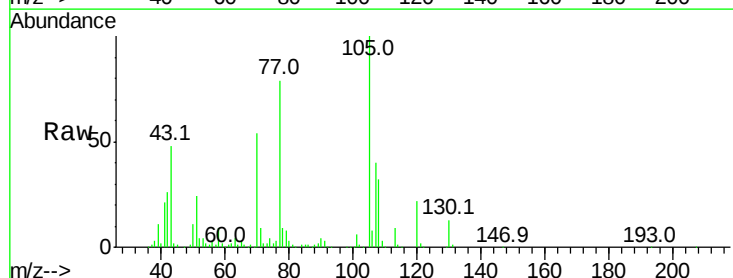
Ion Ratio Lower Upper

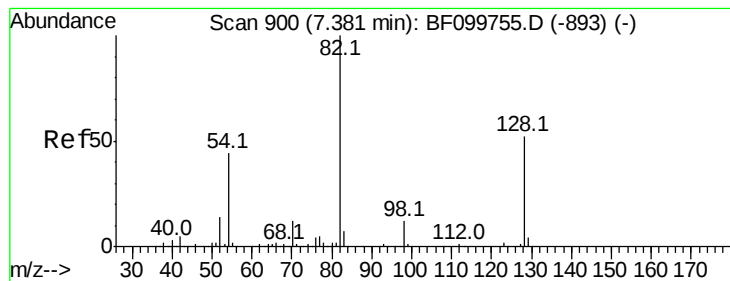
105 100

71 9.1 4.4 6.6#

51 24.5 22.3 33.5

120 22.4 16.9 25.3





#23

Nitrobenzene-d5

Concen: 70.665 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampled :

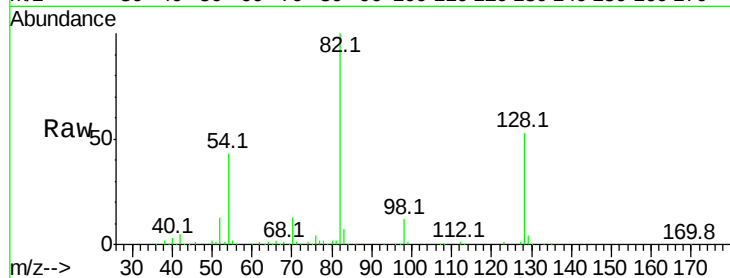
Tot Ion: 82 Resp: 359747

Ion Ratio Lower Upper

82 100

128 52.6 36.1 54.1

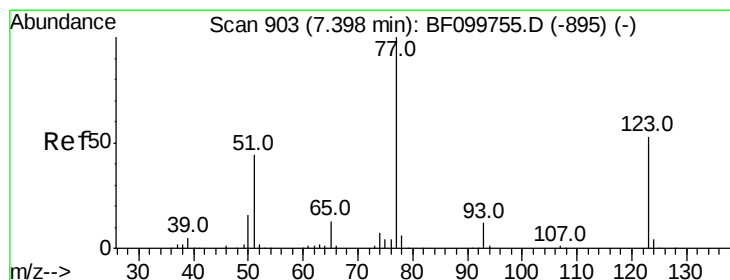
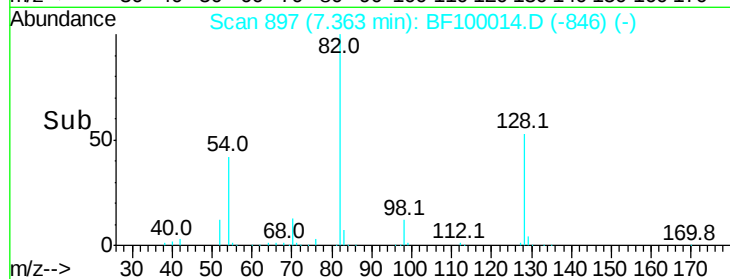
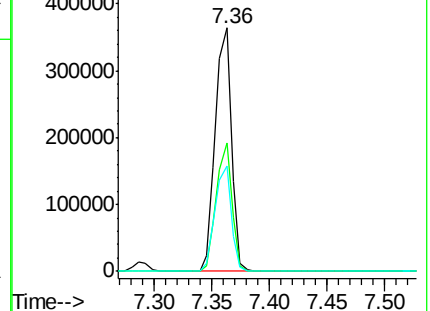
54 43.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.641 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

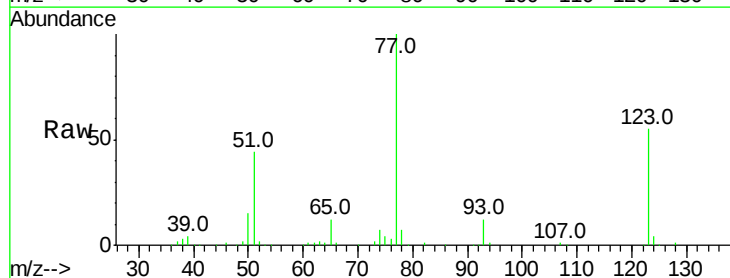
Tgt Ion: 77 Resp: 198210

Ion Ratio Lower Upper

77 100

123 54.8 37.9 56.9

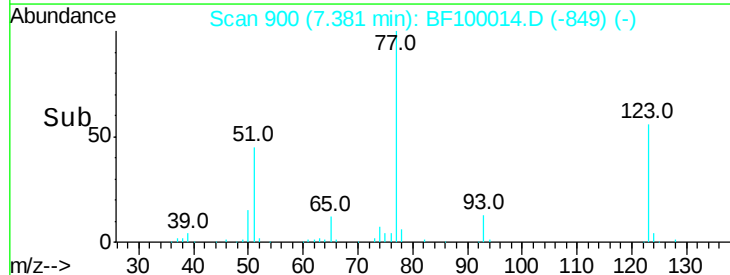
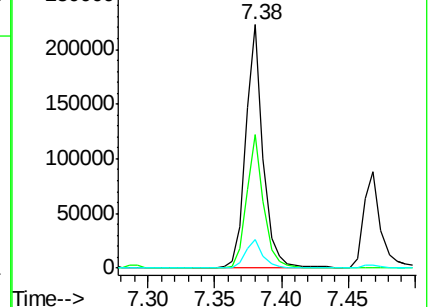
65 11.9 11.0 16.4

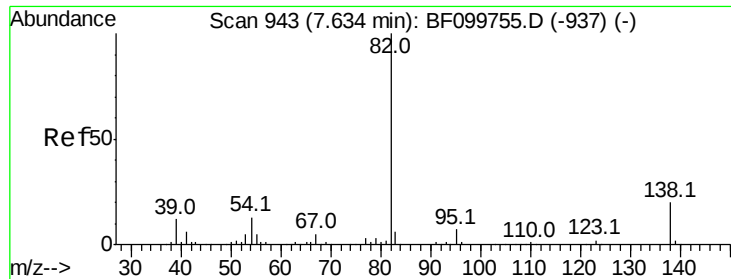


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.231 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

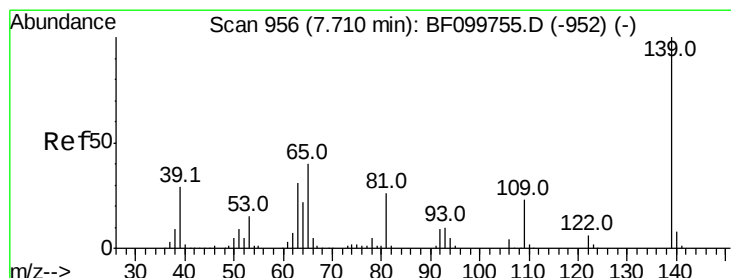
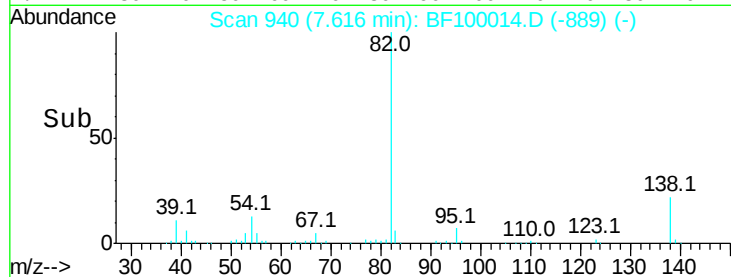
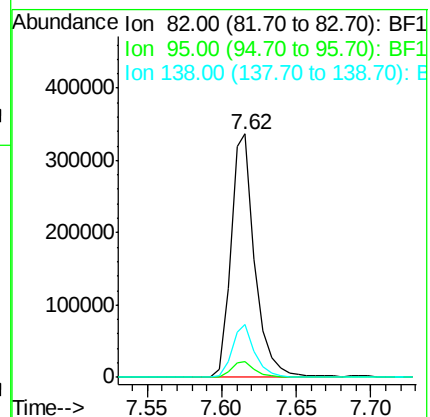
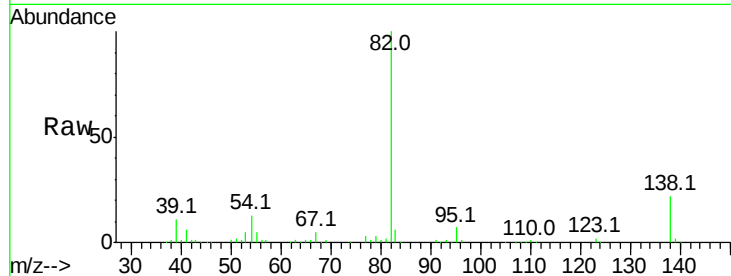
Tot Ion: 82 Resp: 380887

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 21.5 14.9 22.3



#26

2-Nitrophenol

Concen: 40.990 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

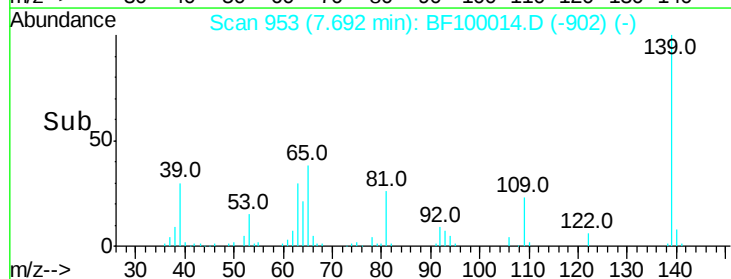
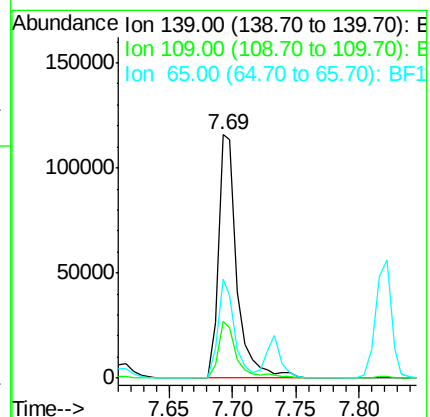
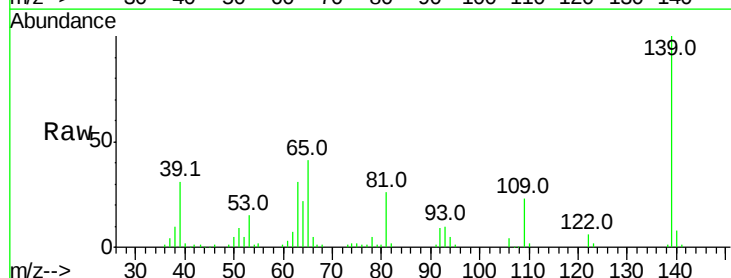
Tgt Ion: 139 Resp: 120426

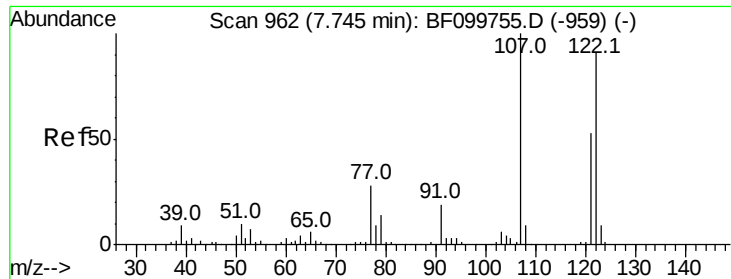
Ion Ratio Lower Upper

139 100

109 23.3 22.7 34.1

65 40.8 40.5 60.7

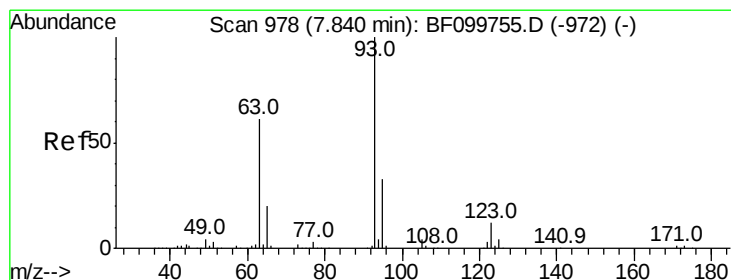
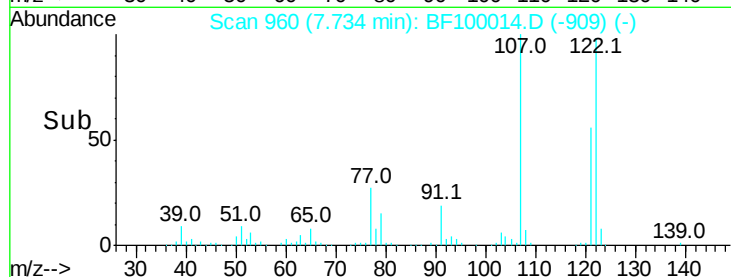
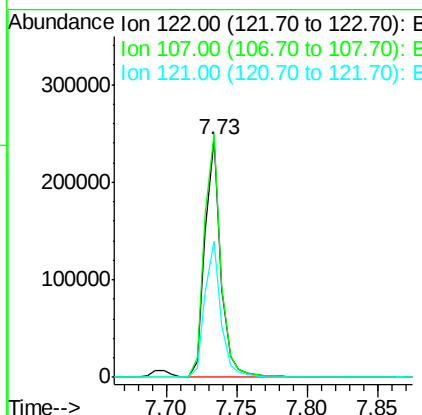
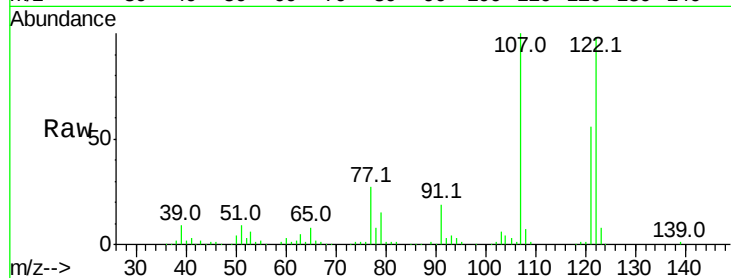




#27
 2,4-Dimethylphenol
 Concen: 44.534 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

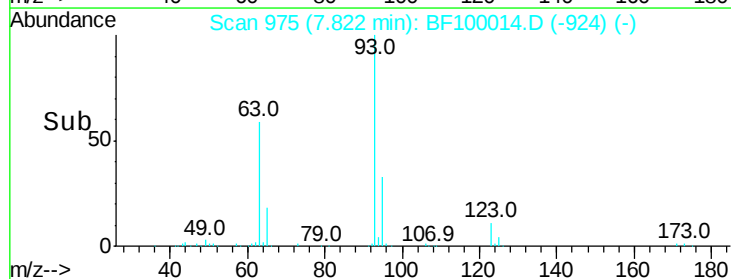
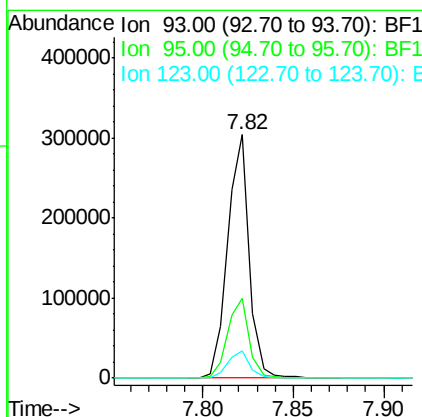
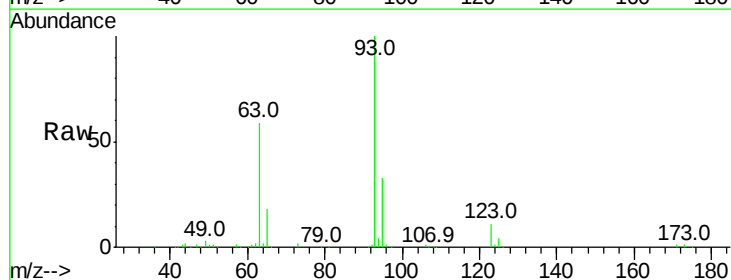
Instrument :
 BNA_F
 ClientSampleId :

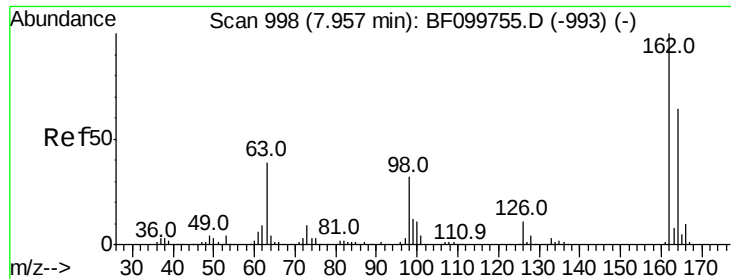
Tot Ion:122 Resp: 192777
 Ion Ratio Lower Upper
 122 100
 107 102.2 91.2 136.8
 121 57.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.848 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion: 93 Resp: 251332
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.4 9.8 14.6

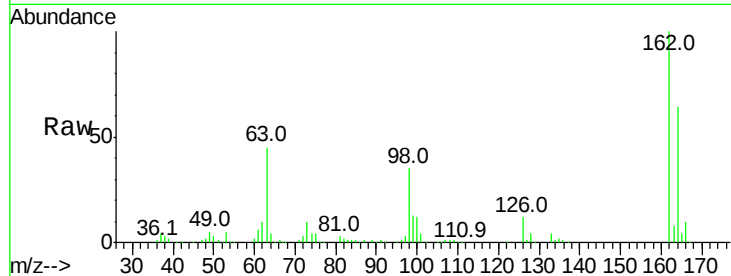




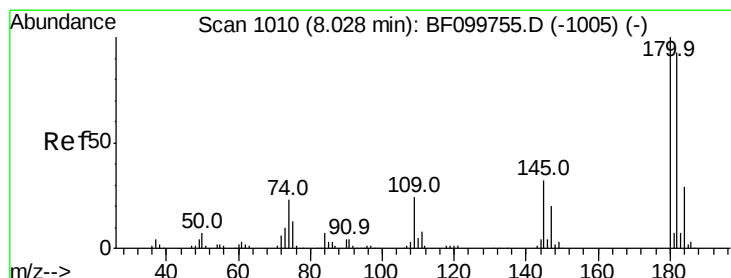
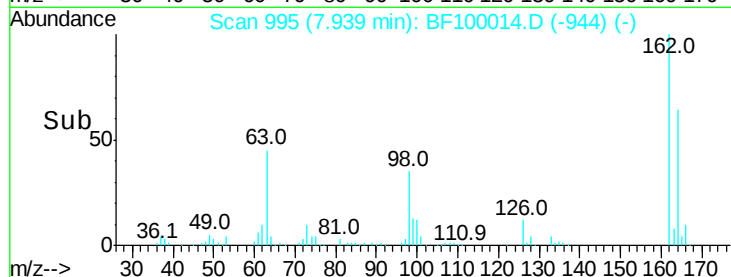
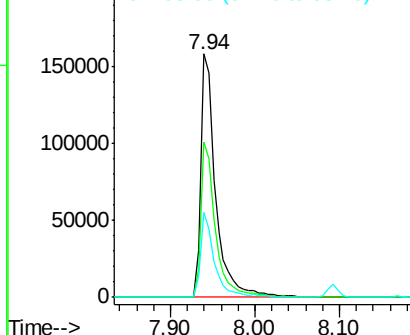
#29
 2,4-Dichlorophenol
 Concen: 42.599 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	34.8	18.1	58.1

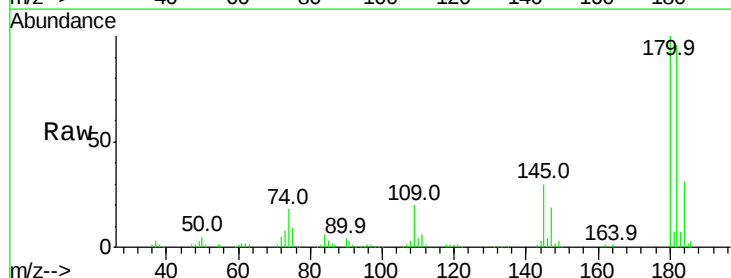


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

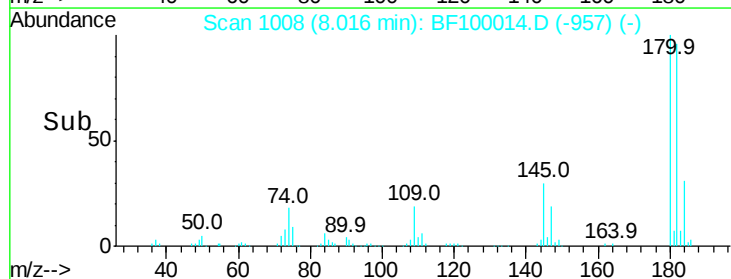
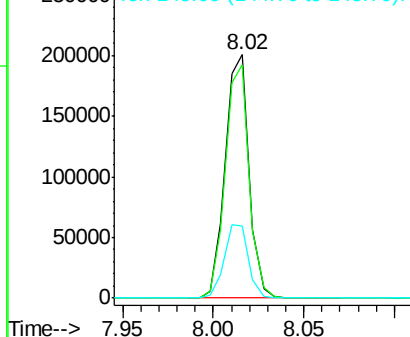


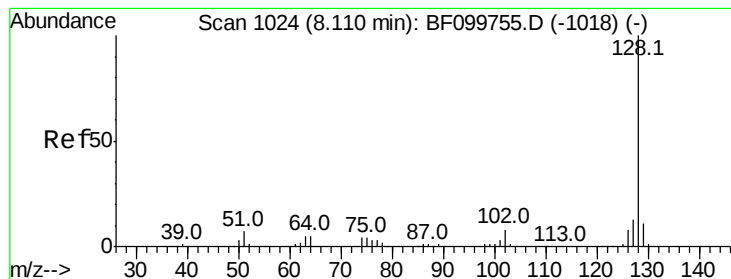
#30
 1,2,4-Trichlorobenzene
 Concen: 38.348 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.8	115.2
145	29.6	26.5	39.7



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





#31

Naphthalene

Concen: 37.862 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampled :

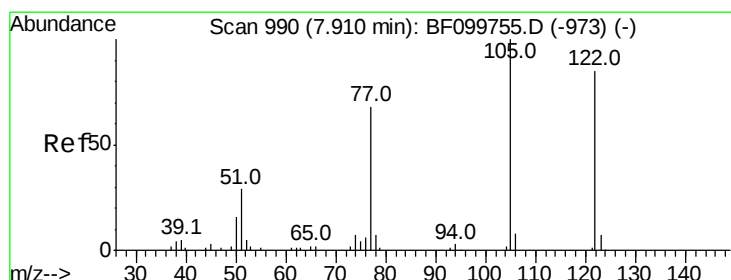
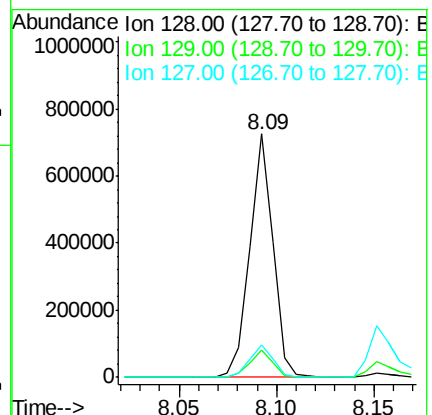
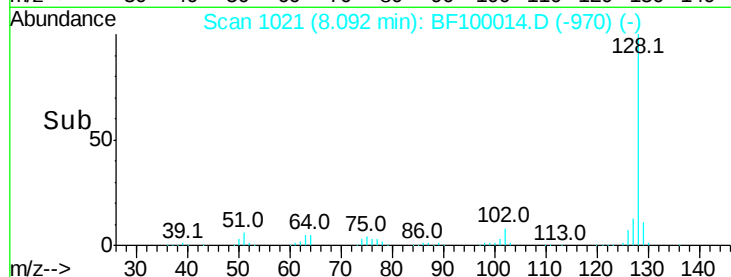
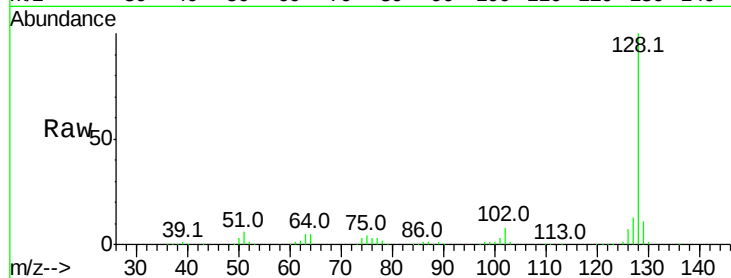
Tot Ion:128 Resp: 599009

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.3 10.9 16.3



#32

Benzoic acid

Concen: 50.594 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.16 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

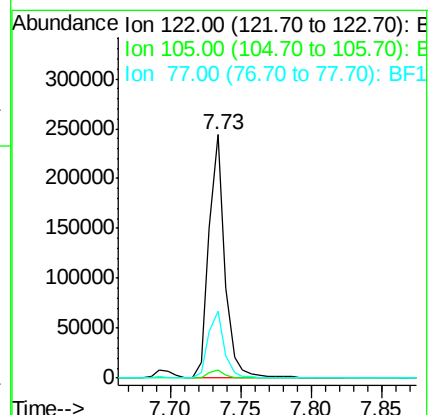
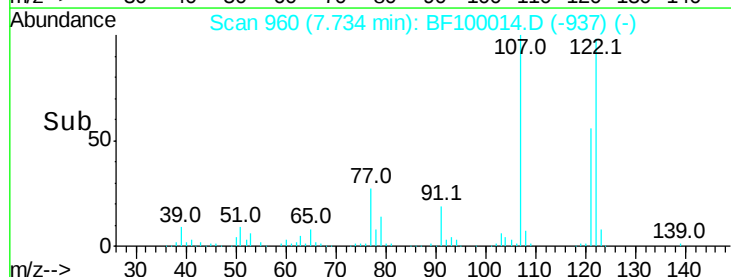
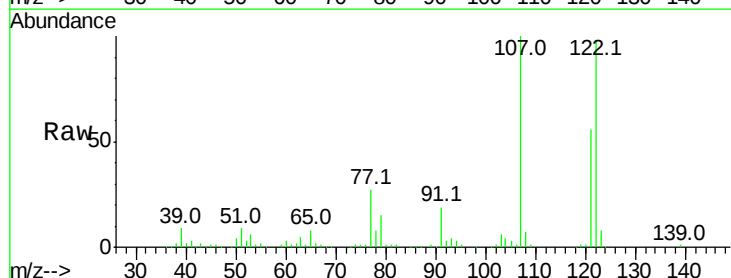
Tgt Ion:122 Resp: 192777

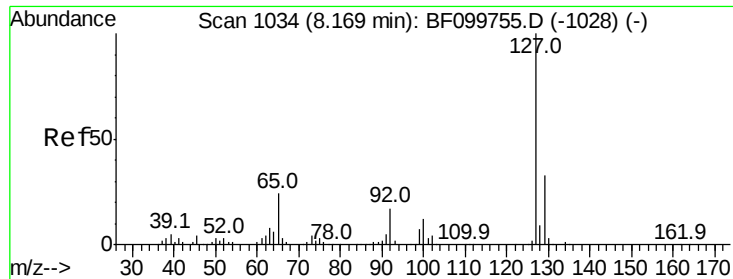
Ion Ratio Lower Upper

122 100

105 3.2 101.1 141.1#

77 27.6 70.7 110.7#

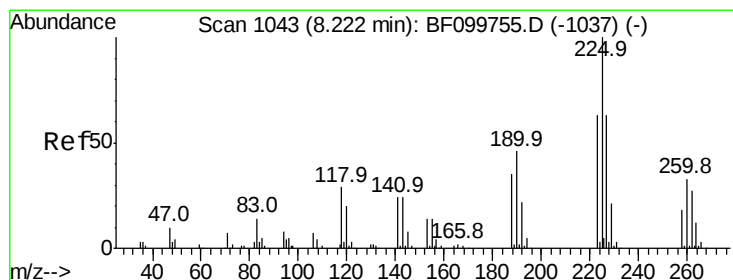
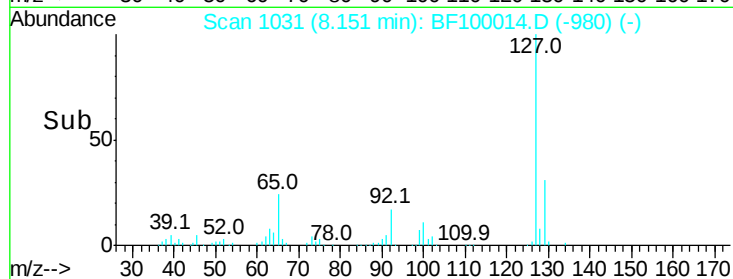
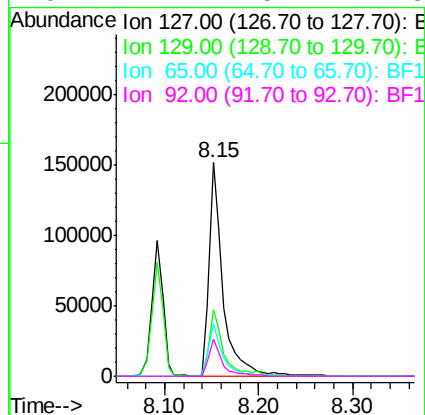
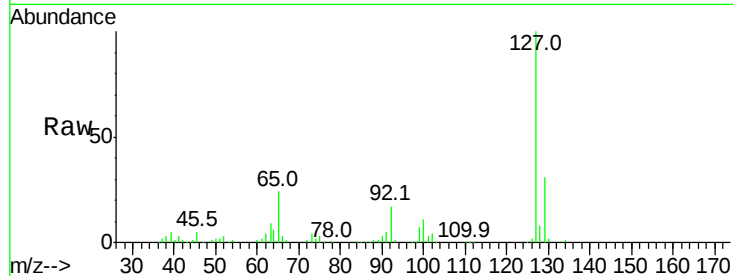




#33
4-Chloroaniline
Concen: 24.171 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

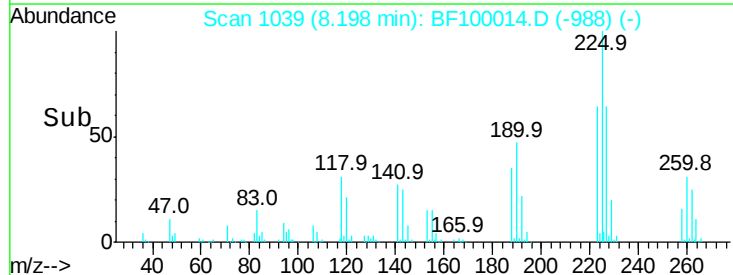
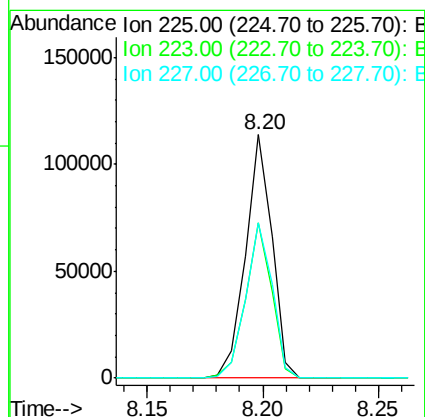
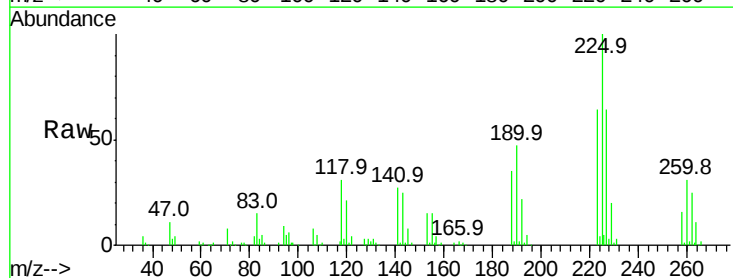
Instrument :
BNA_F
ClientSampled :

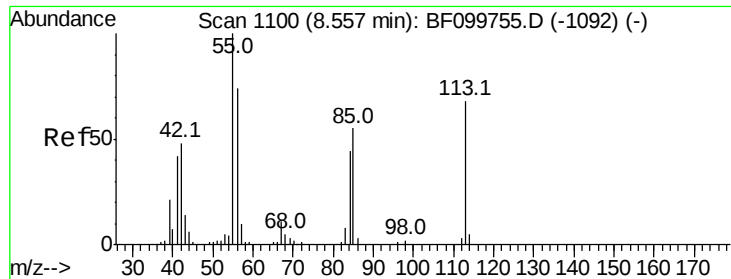
Tot Ion:	127	Resp:	157906
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	24.4	25.0	37.4#
92	17.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.058 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion:	225	Resp:	91585
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.6	51.9	77.9





#35

Caprolactam

Concen: 39.499 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampled :

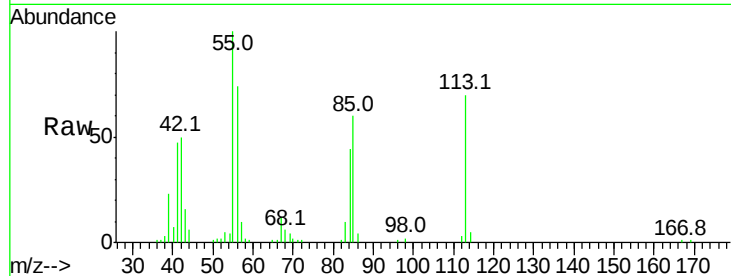
Tot Ion:113 Resp: 55858

Ion Ratio Lower Upper

113 100

55 142.0 163.3 203.3#

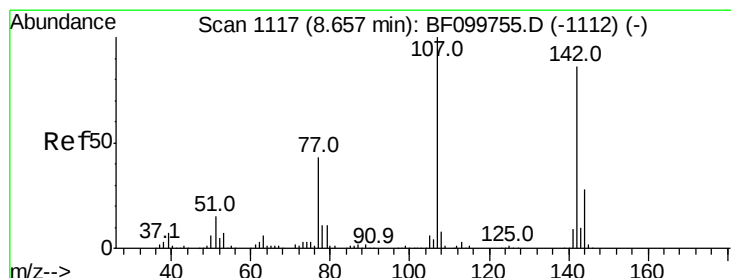
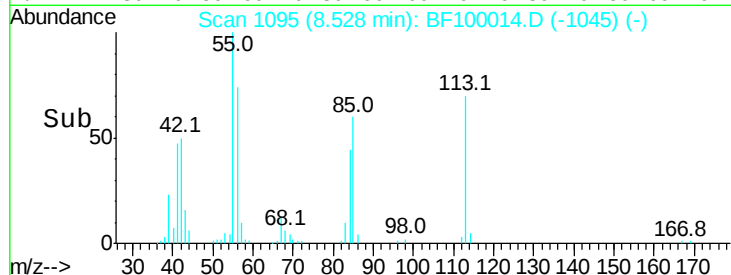
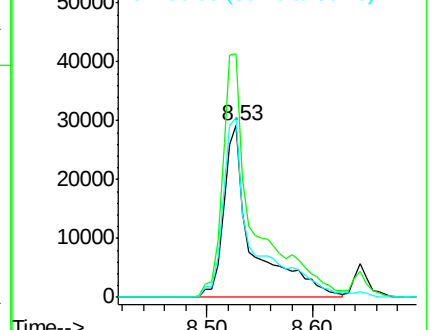
56 104.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.053 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

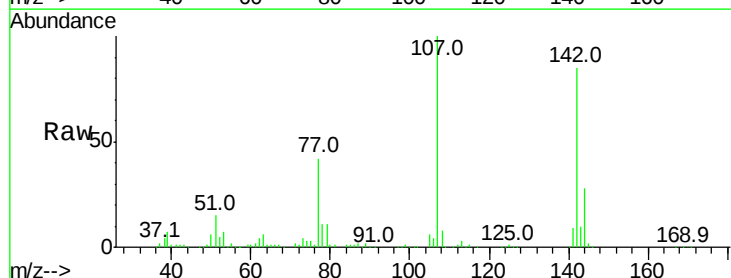
Tgt Ion:107 Resp: 183838

Ion Ratio Lower Upper

107 100

144 28.2 20.5 30.7

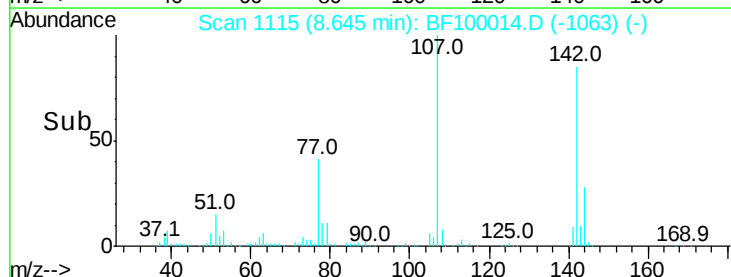
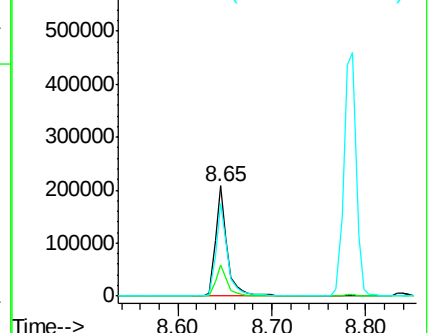
142 84.8 62.0 93.0

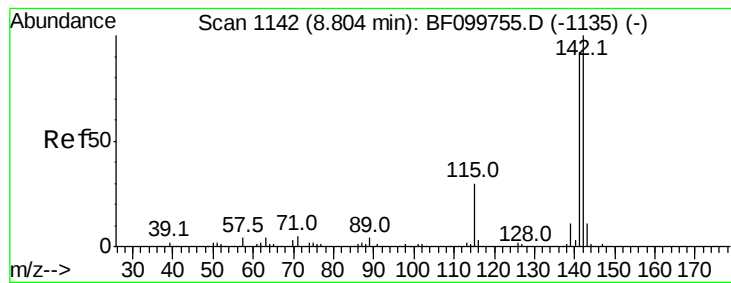


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.639 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

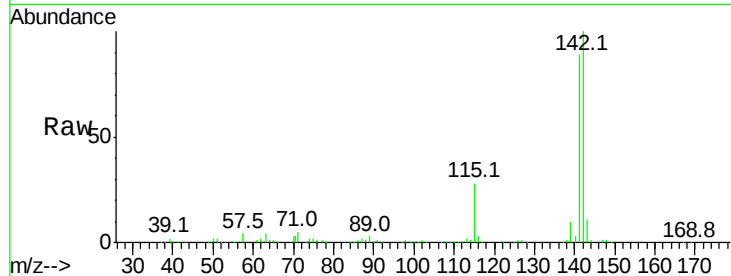
Tot Ion:142 Resp: 420266

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

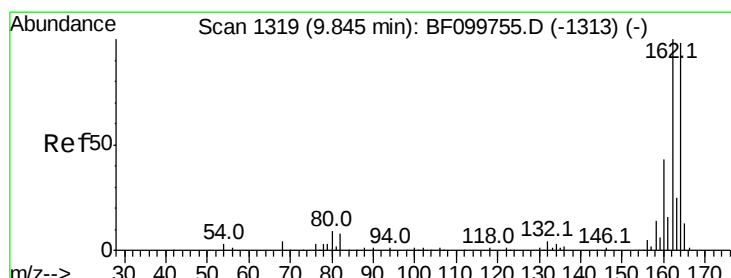
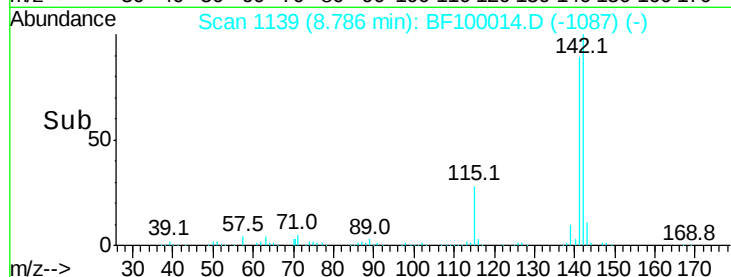
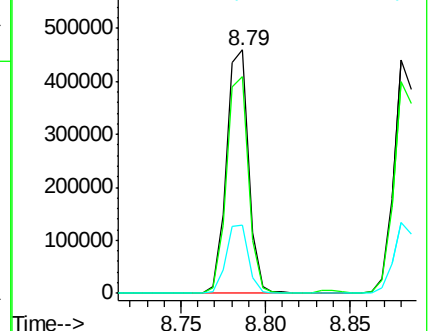
115 28.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

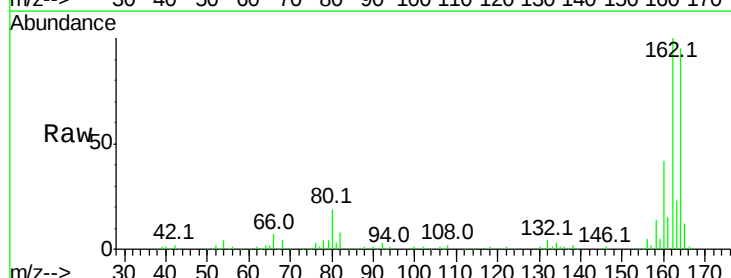
Tgt Ion:164 Resp: 149432

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

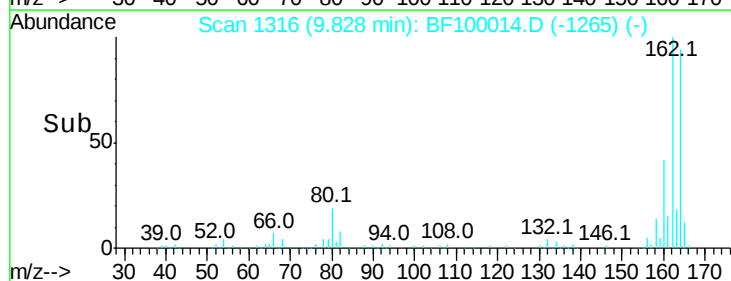
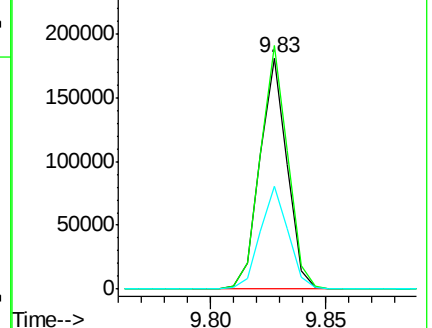
160 44.5 38.3 57.5

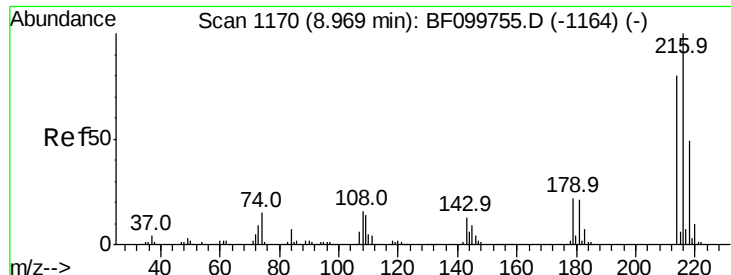


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

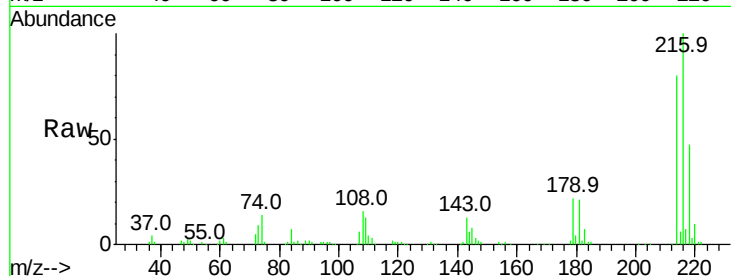




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.045 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	173965
Ion Ratio		Lower	Upper
216	100		
214	80.0	63.0	94.4
179	21.7	18.1	27.1
108	16.5	17.2	25.8#

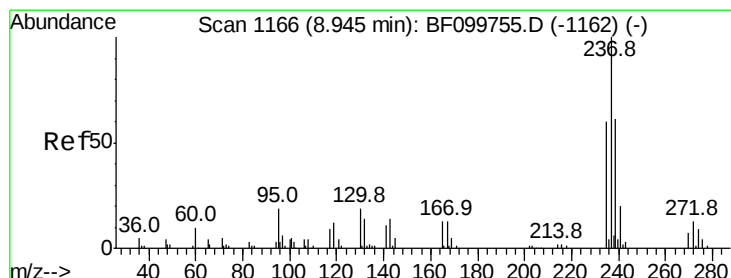
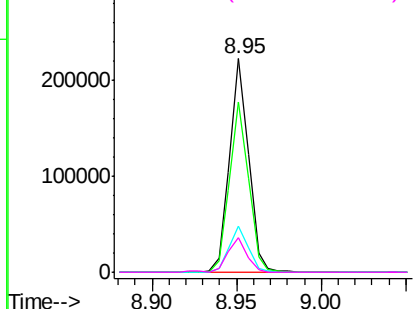
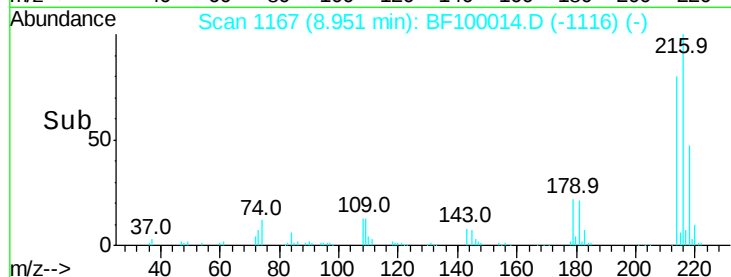


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

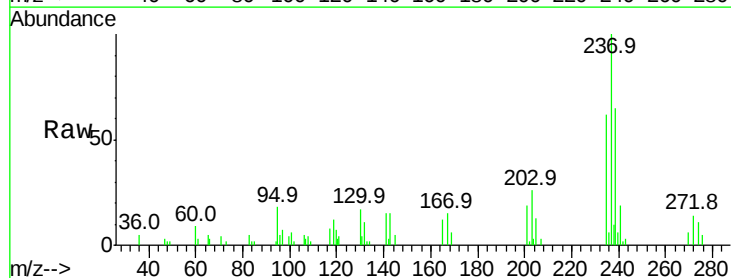
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 25.481 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

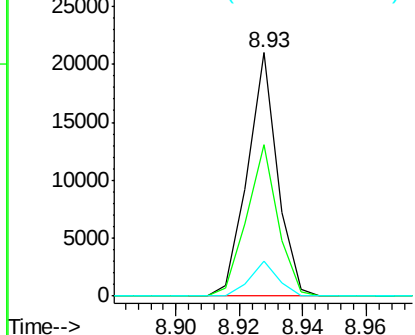
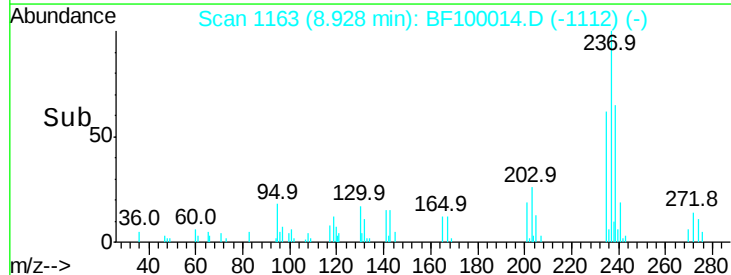
Tgt Ion:	237	Resp:	13746
Ion Ratio		Lower	Upper
237	100		
235	62.2	44.8	84.8
272	14.4	0.0	33.3

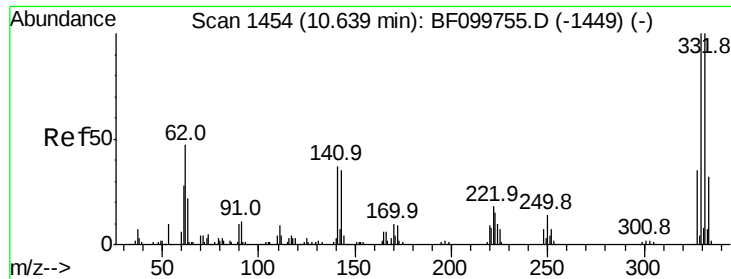


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

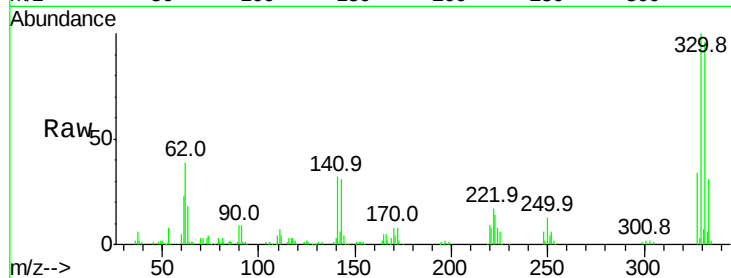




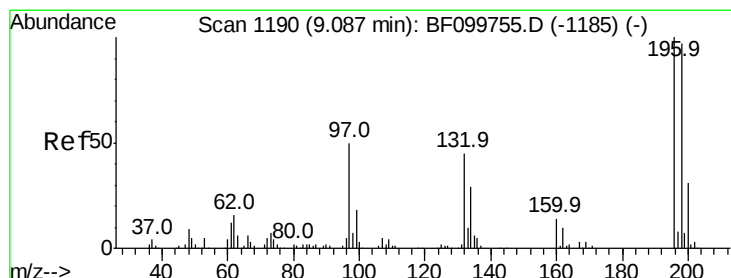
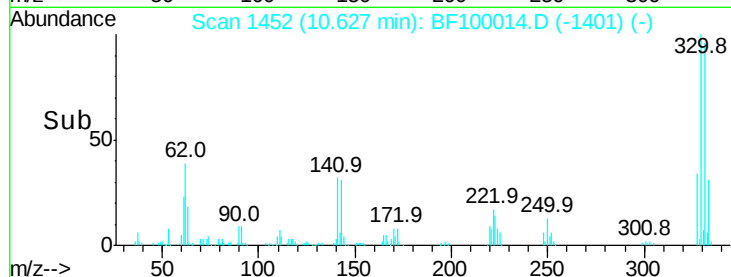
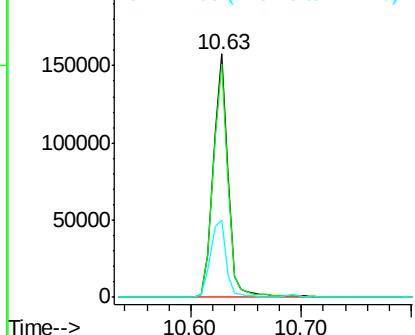
#41
 2,4,6-Tribromophenol
 Concen: 106.345 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 144821
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.7 29.9 44.9

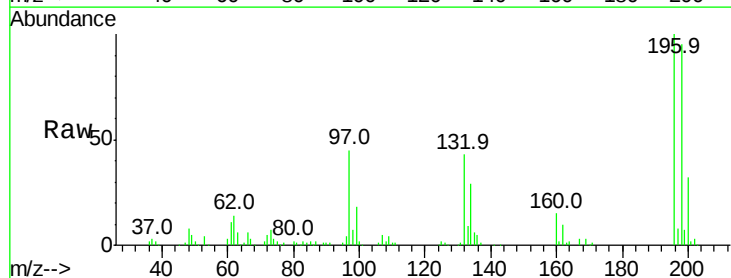


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

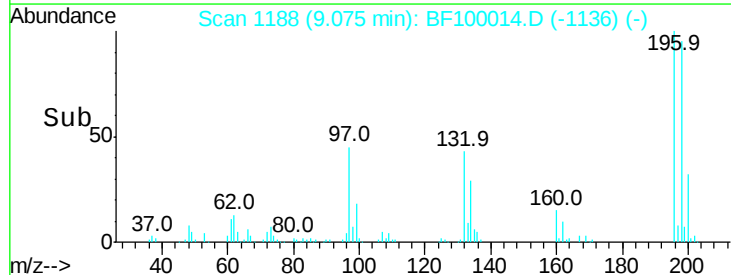
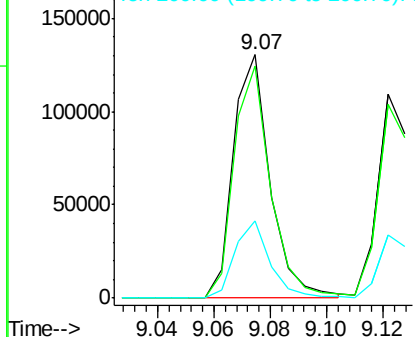


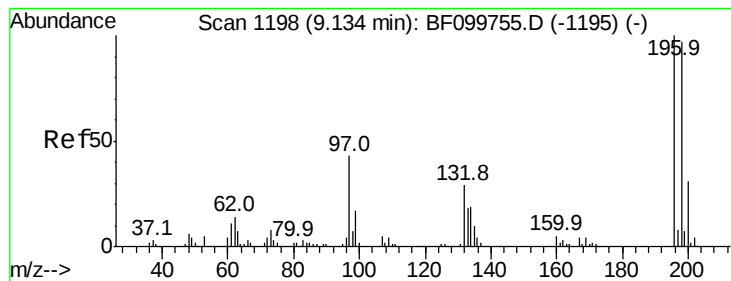
#42
 2,4,6-Trichlorophenol
 Concen: 40.517 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion:196 Resp: 118282
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 200 31.5 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: 39.632 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

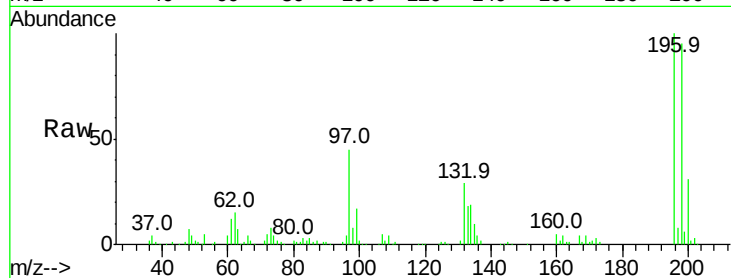
Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampled :



Tot Ion:196 Resp: 122777

Ion Ratio Lower Upper

196 100

198 94.6 74.6 112.0

97 45.3 42.9 64.3

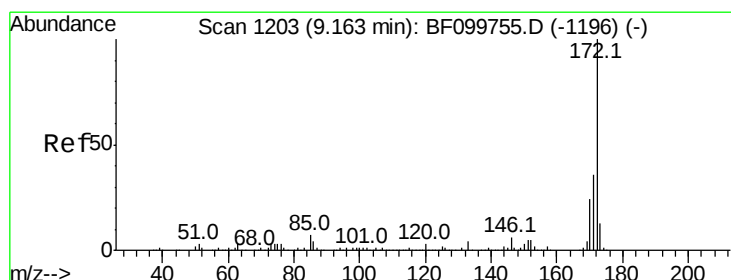
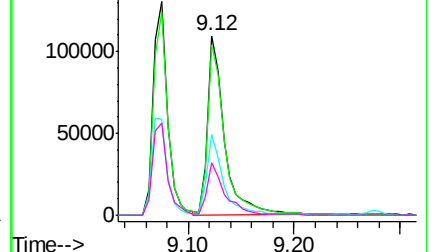
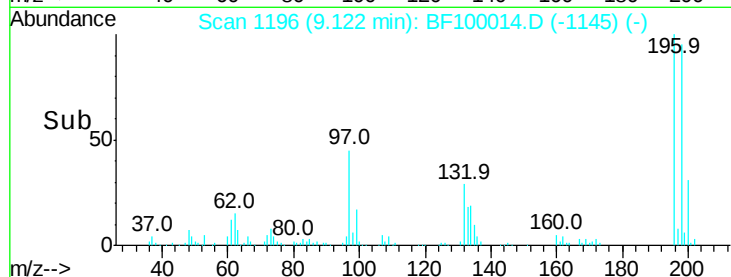
132 29.3 26.3 39.5

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 71.284 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

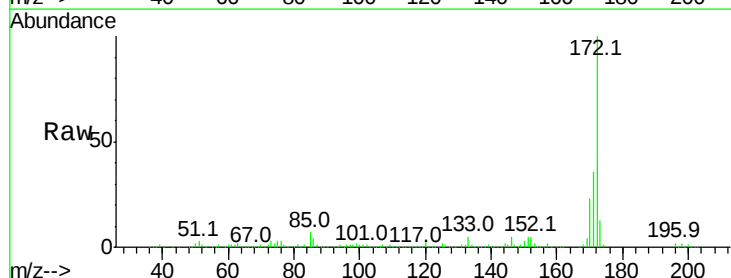
Tgt Ion:172 Resp: 690427

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

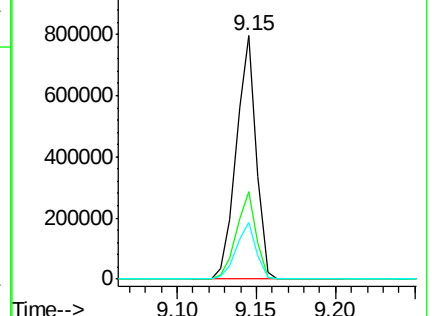
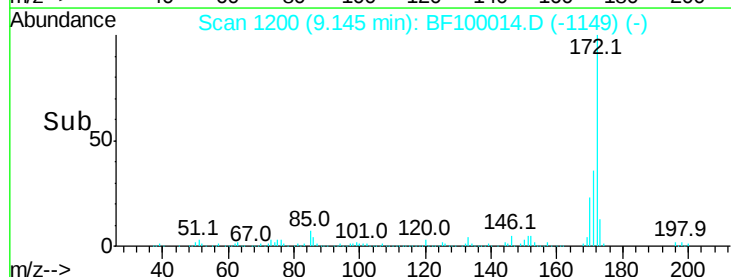
170 23.4 19.6 29.4

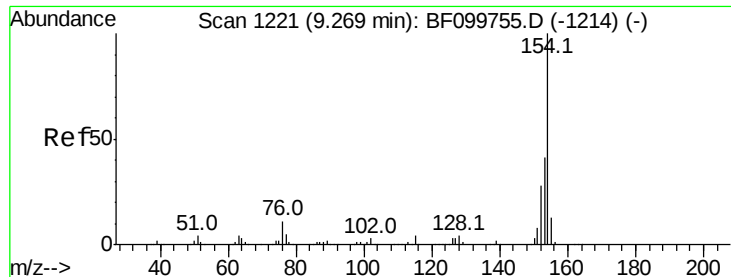


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

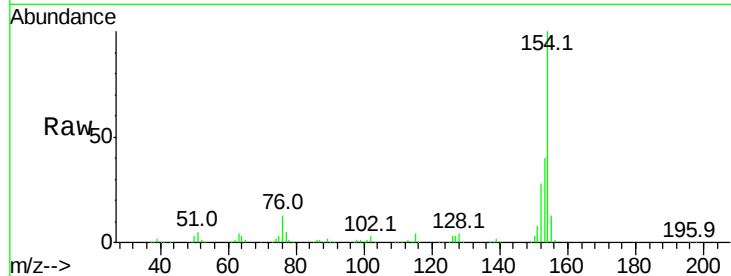




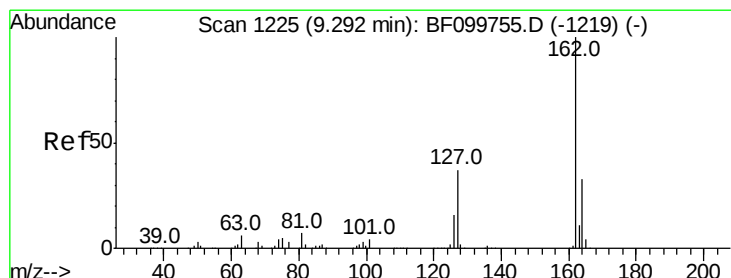
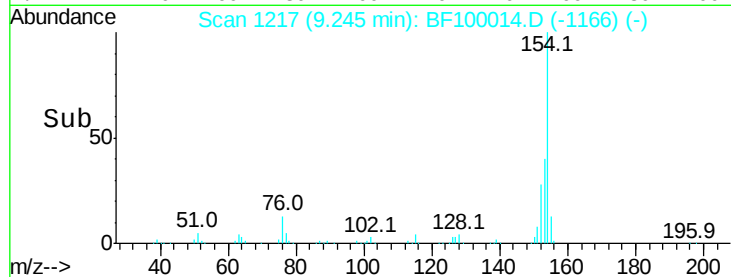
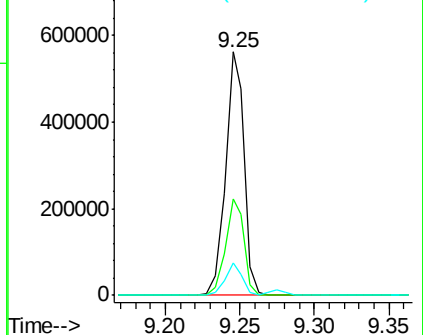
#45
 1,1'-Biphenyl
 Concen: 36.504 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.3	61.3
76	13.4	0.0	34.0

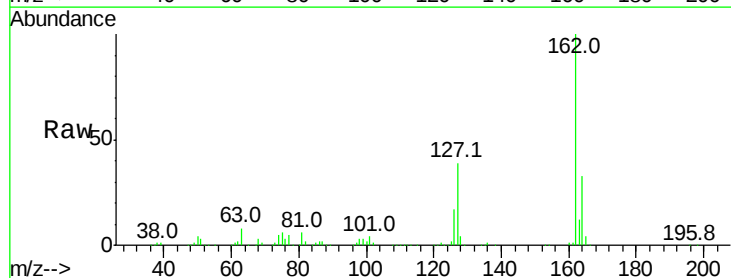


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

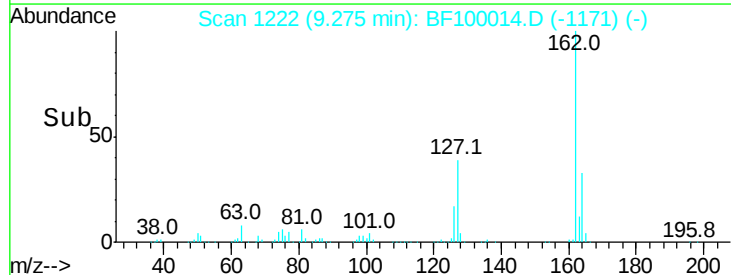
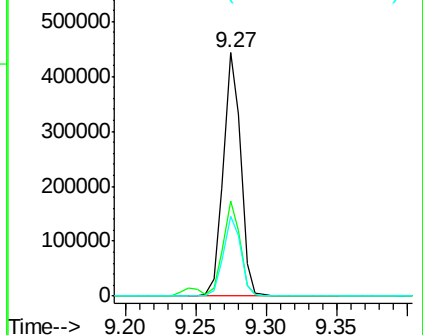


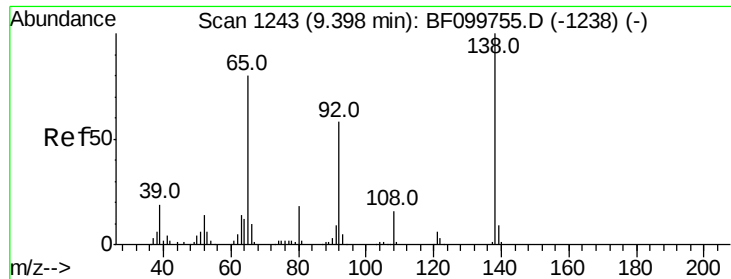
#46
 2-Chloronaphthalene
 Concen: 38.779 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	32.7	26.5	39.7



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

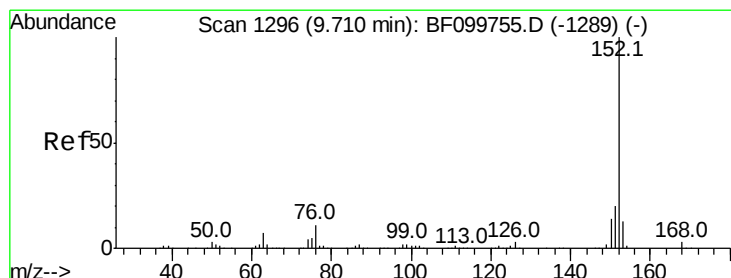
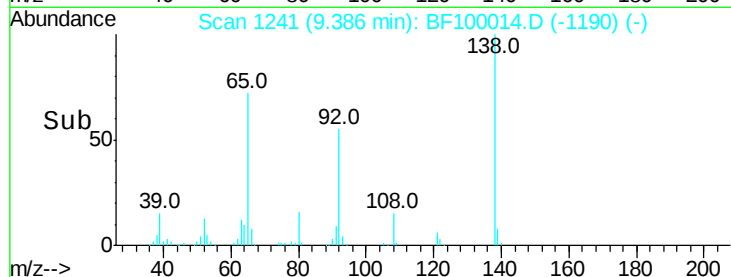
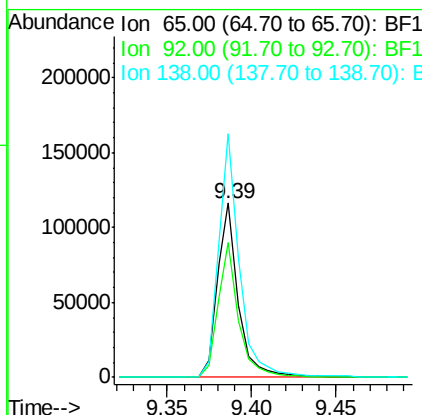
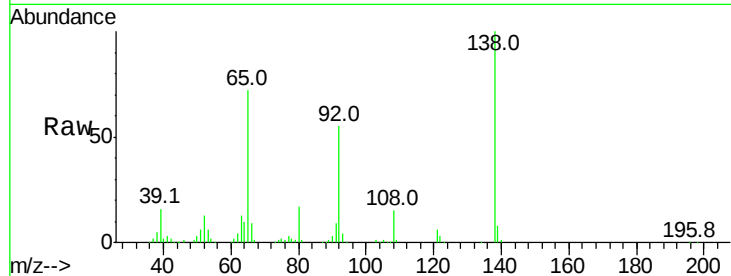




#47
2-Nitroaniline
Concen: 39.273 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

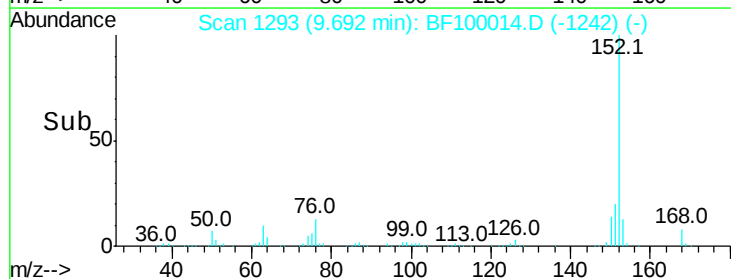
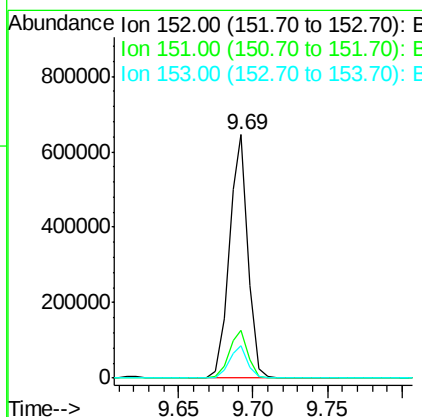
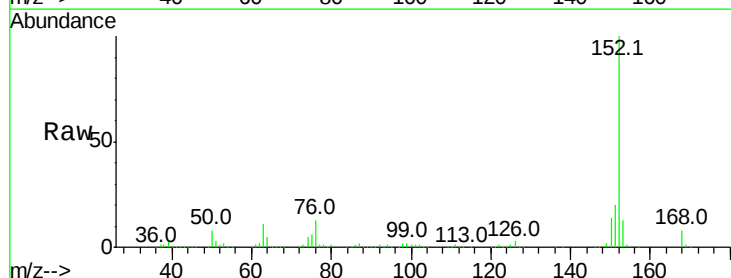
Instrument :
BNA_F
ClientSampleId :

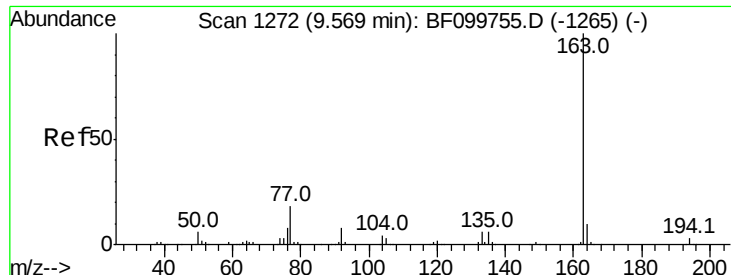
Tot Ion: 65 Resp: 101193
Ion Ratio Lower Upper
65 100
92 77.3 55.8 83.6
138 139.7 91.2 136.8#



#48
Acenaphthylene
Concen: 37.412 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion: 152 Resp: 565699
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.1 10.7 16.1

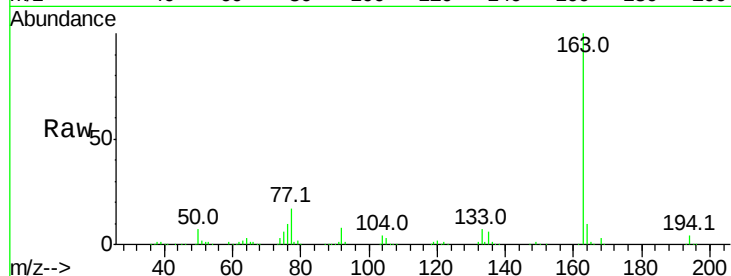




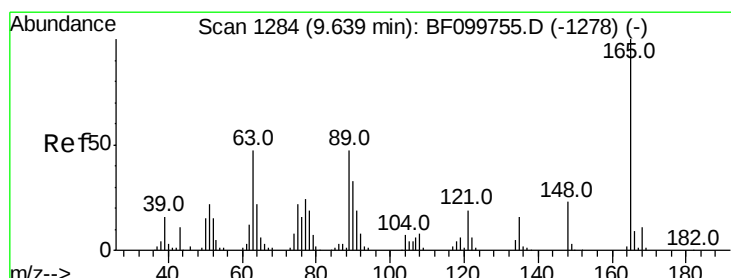
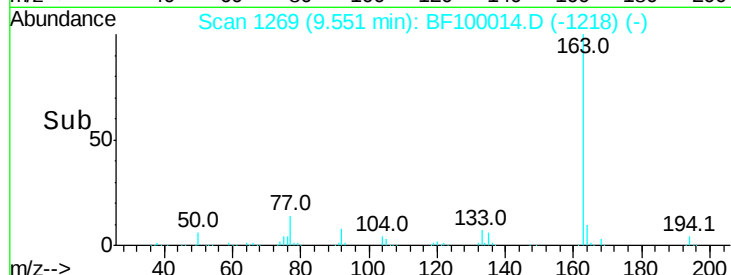
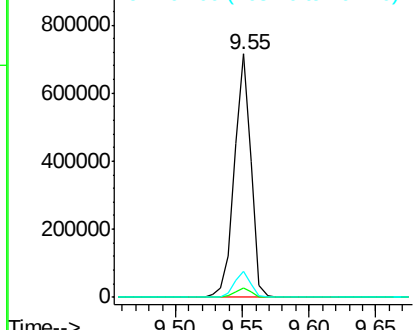
#49
Dimethylphthalate
Concen: 52.725 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 623934
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2

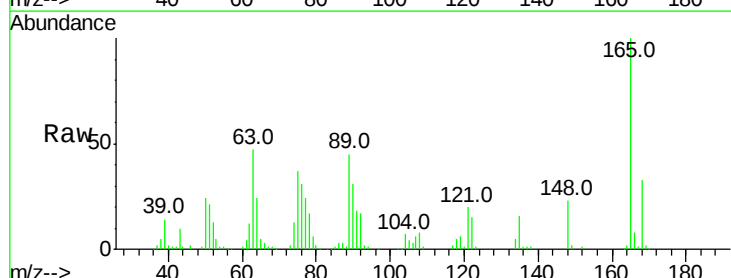


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

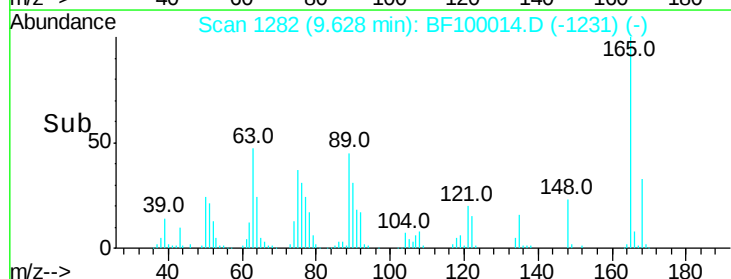
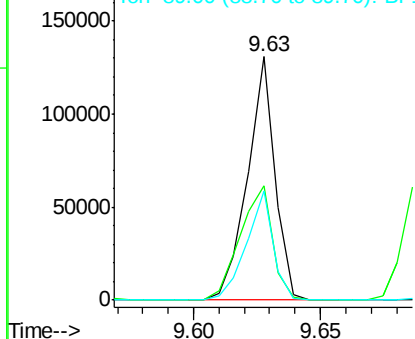


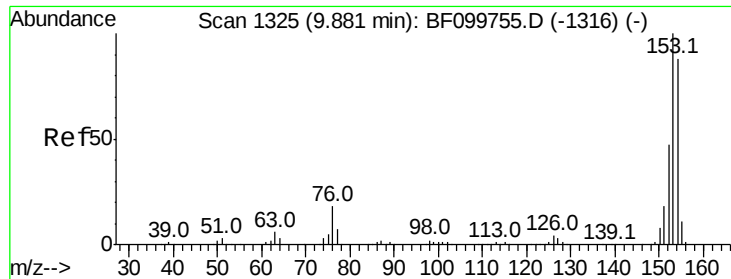
#50
2,6-Dinitrotoluene
Concen: 39.708 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion:165 Resp: 98782
Ion Ratio Lower Upper
165 100
63 47.2 44.7 67.1
89 44.7 44.0 66.0



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





#51

Acenaphthene

Concen: 36.998 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

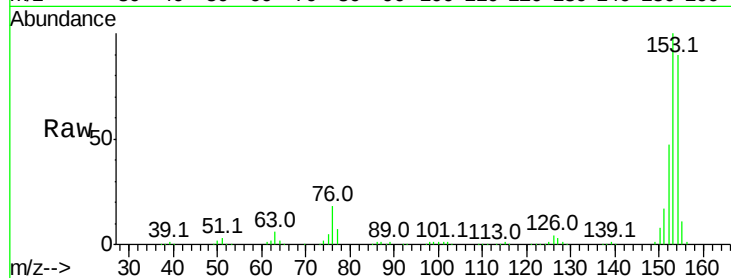
Tot Ion:154 Resp: 341831

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

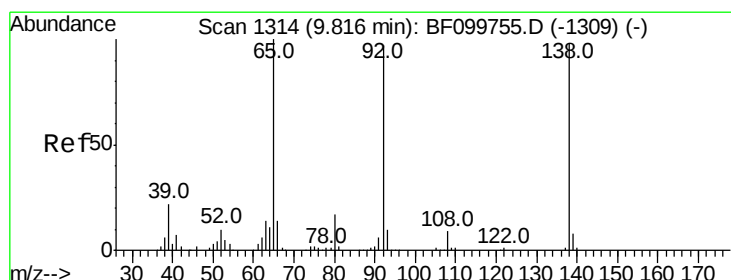
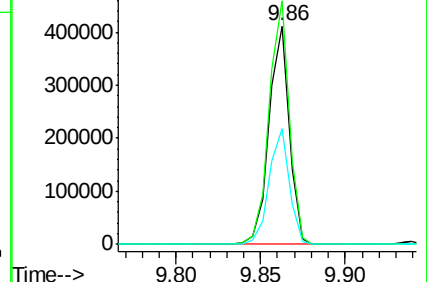
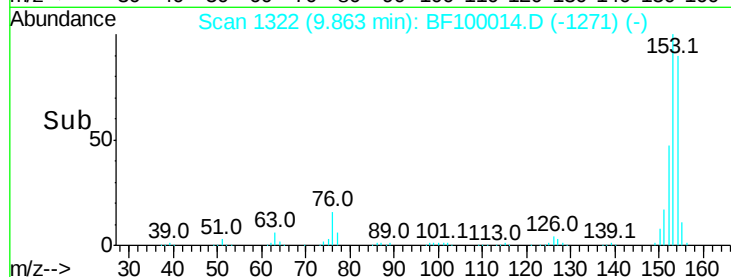
152 52.8 43.8 65.8



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: 30.015 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

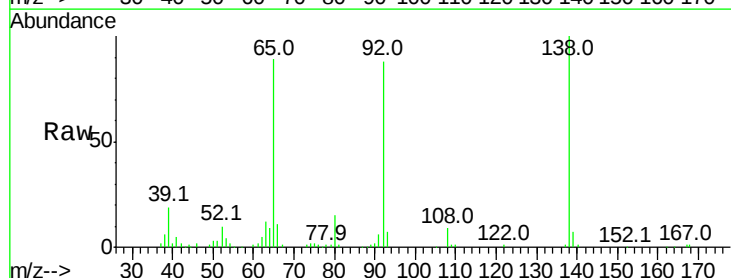
Tgt Ion:138 Resp: 87983

Ion Ratio Lower Upper

138 100

108 8.9 9.4 14.0#

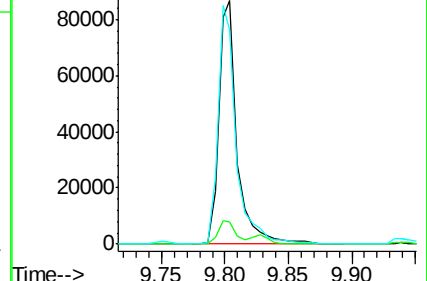
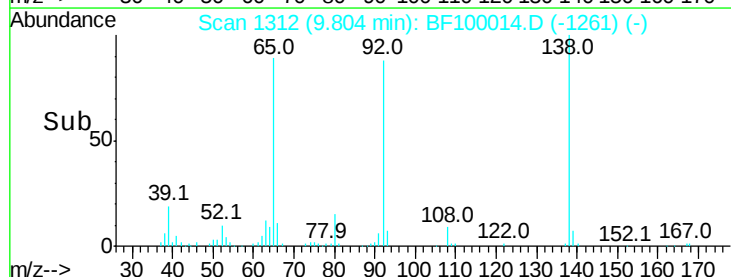
92 87.7 89.4 134.2#

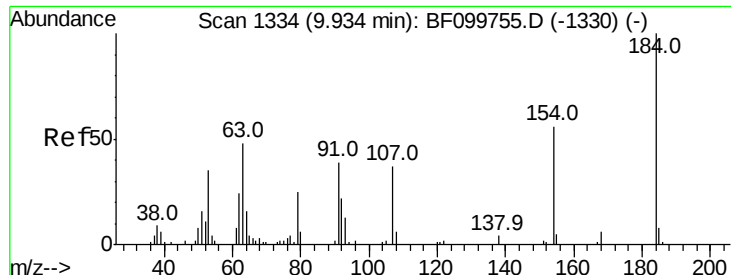


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

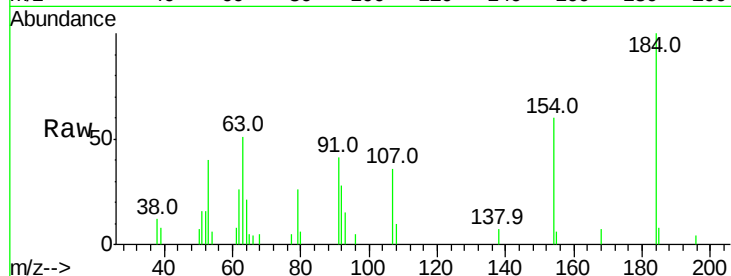




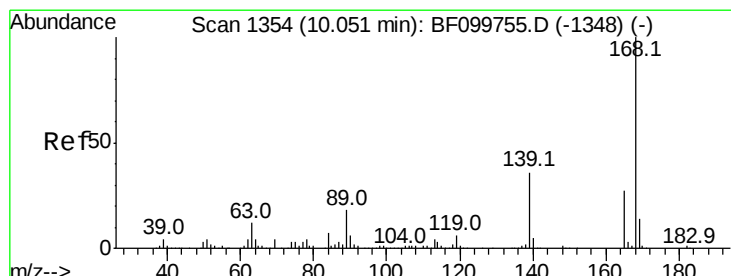
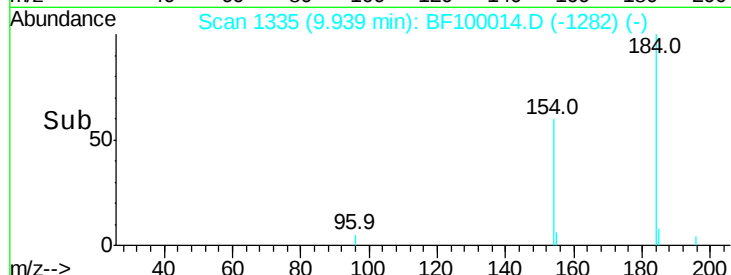
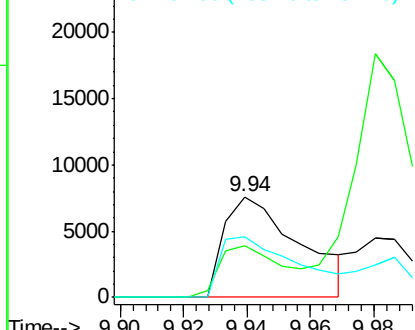
#53
 2,4-Dinitrophenol
 Concen: 17.495 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 12420
 Ion Ratio Lower Upper
 184 100
 63 51.2 54.2 81.2#
 154 60.3 53.5 80.3

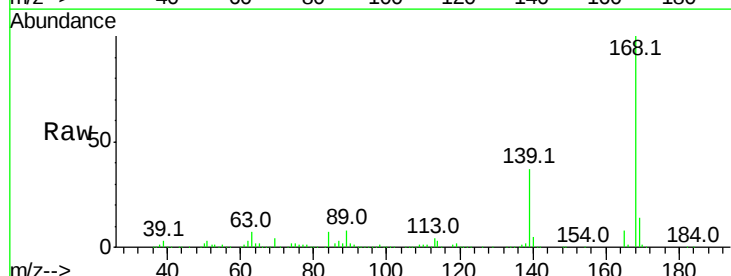


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

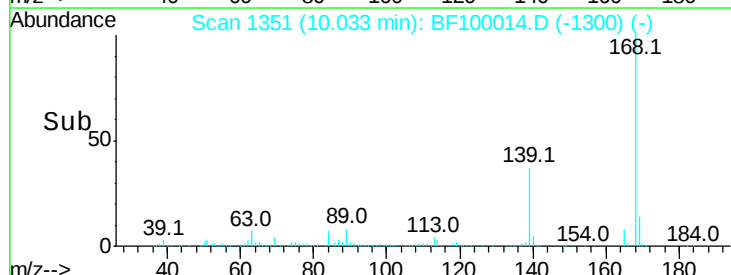
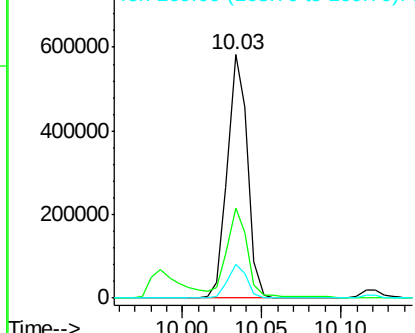


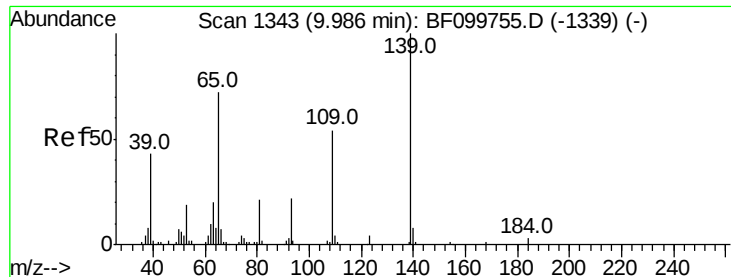
#54
 Dibenzofuran
 Concen: 39.059 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion:168 Resp: 509402
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.1 45.1
 169 13.6 10.9 16.3



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

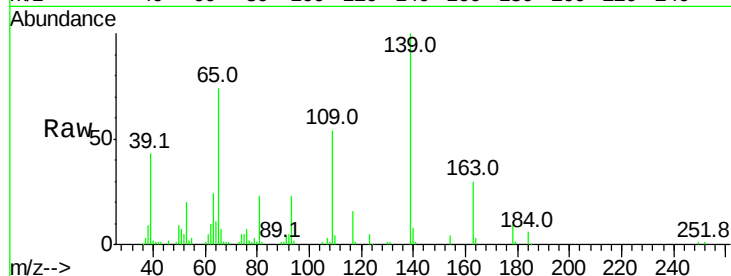




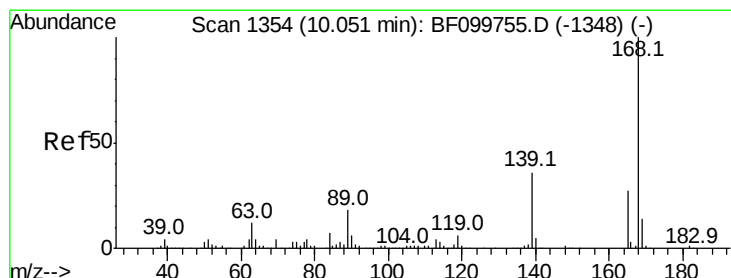
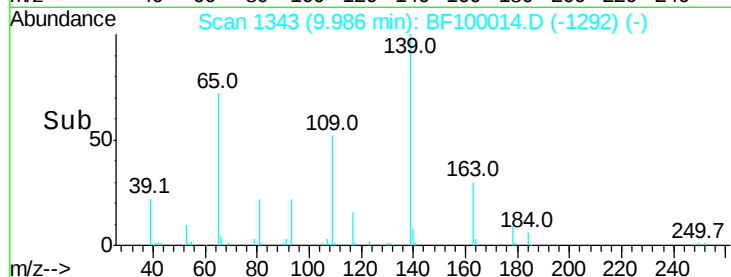
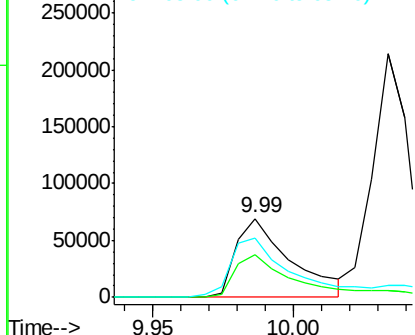
#55
4-Nitrophenol
Concen: 60.977 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 93392
Ion Ratio Lower Upper
139 100
109 53.7 48.4 88.4
65 74.4 72.6 112.6

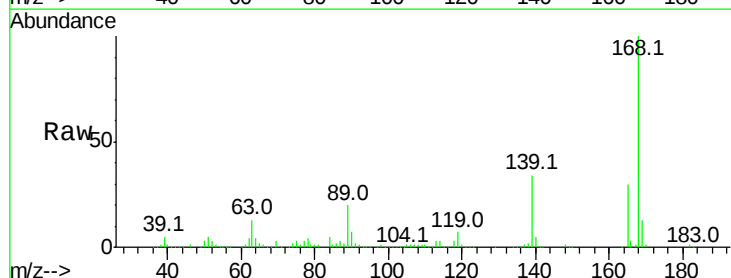


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

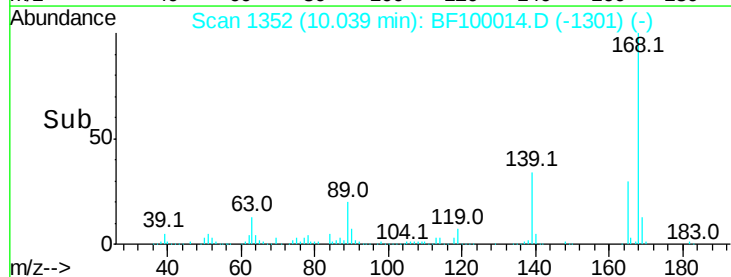
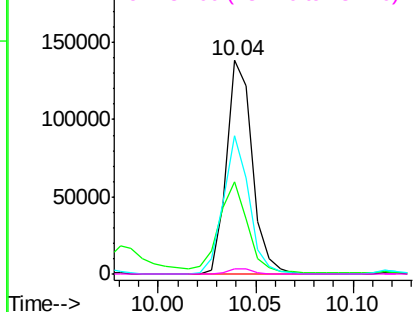


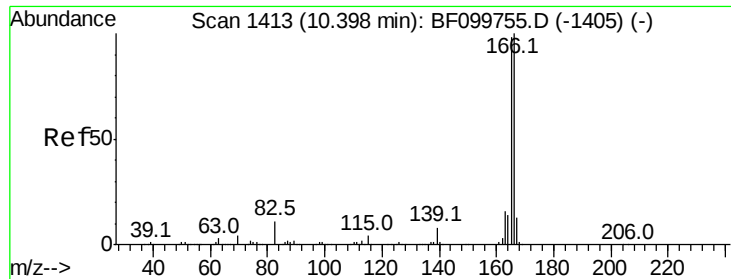
#56
2,4-Dinitrotoluene
Concen: 41.929 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion:165 Resp: 125616
Ion Ratio Lower Upper
165 100
63 43.4 36.4 54.6
89 64.8 57.8 86.6
182 2.2 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

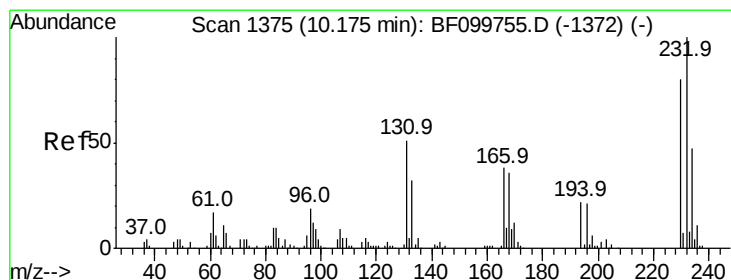
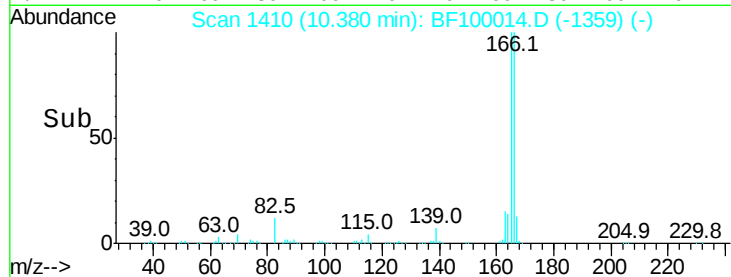
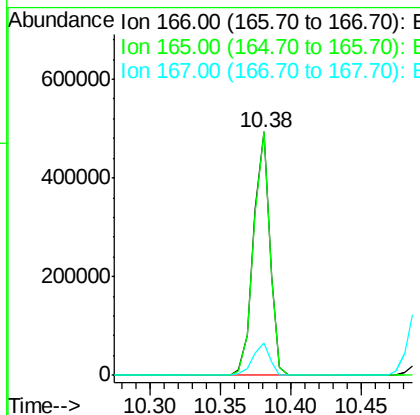
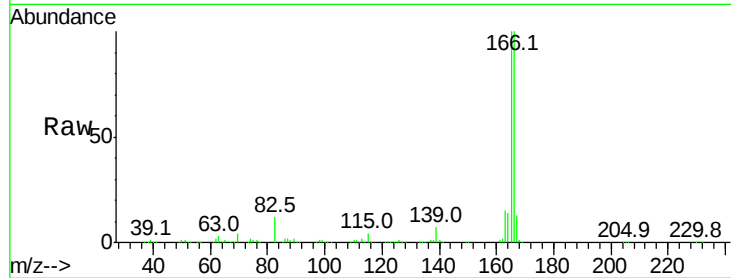




#57
 Fluorene
 Concen: 37.476 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

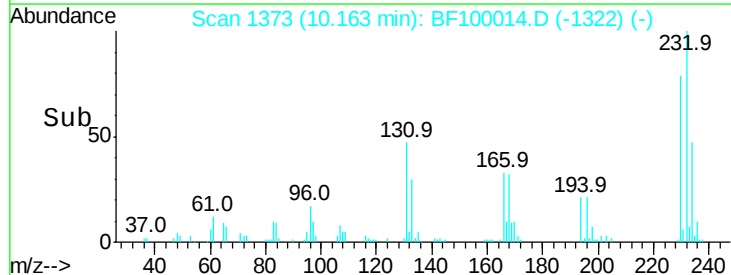
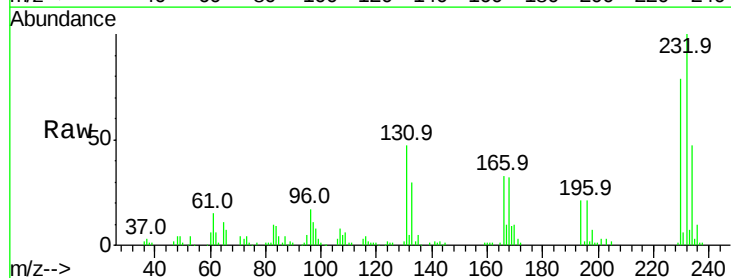
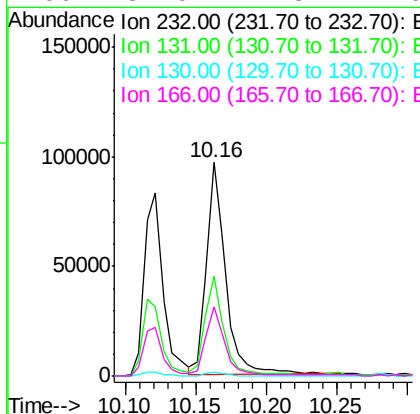
Instrument :
 BNA_F
 ClientSampleId :

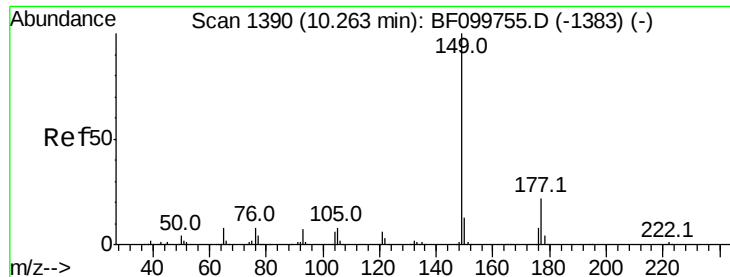
Tot Ion	166	165	167
166	100		
165	99.9	79.8	119.8
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.523 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	232	231	230	166
232	100			
231	45.3	43.8	65.8	
230	1.9	2.1	3.1	
166	32.0	27.8	41.6	





#59

Diethylphthalate

Concen: 37.697 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

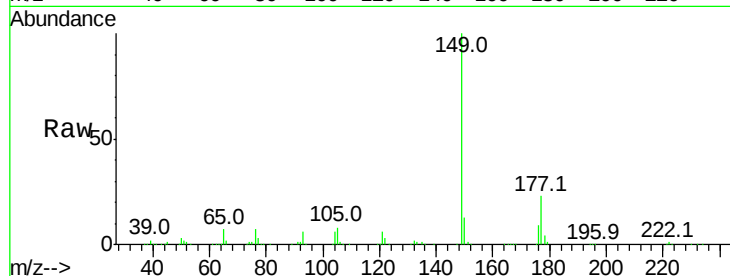
Tot Ion:149 Resp: 435631

Ion Ratio Lower Upper

149 100

177 22.8 16.1 24.1

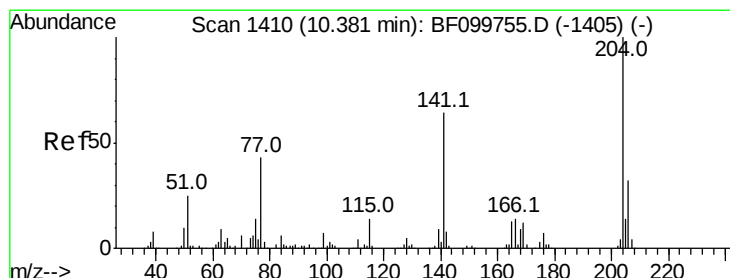
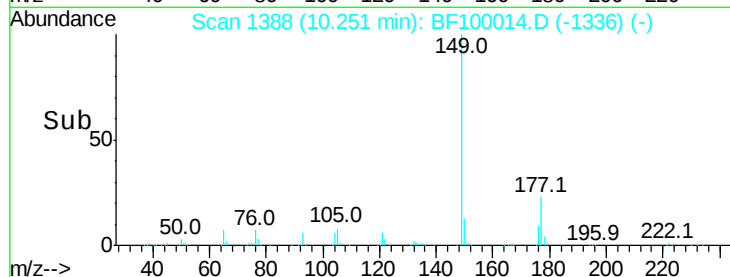
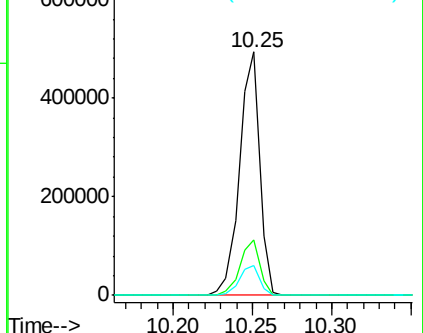
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.540 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

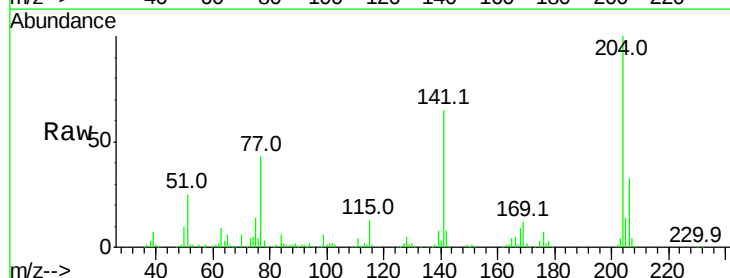
Tgt Ion:204 Resp: 190775

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

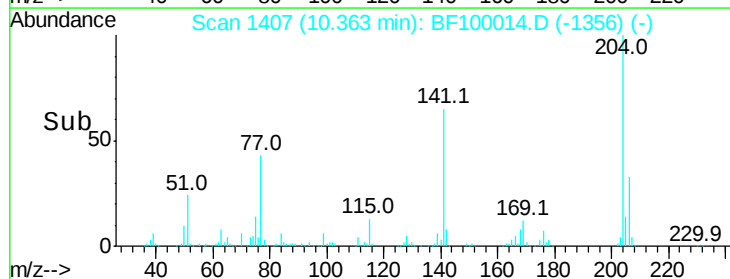
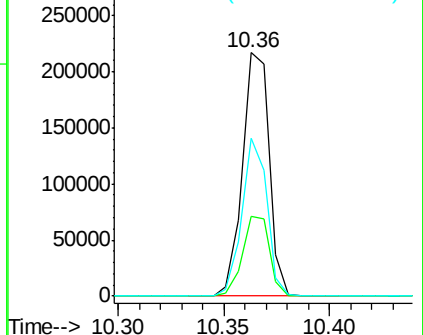
141 64.9 54.6 81.8

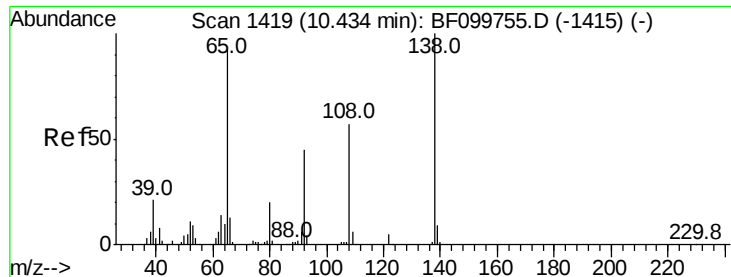


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

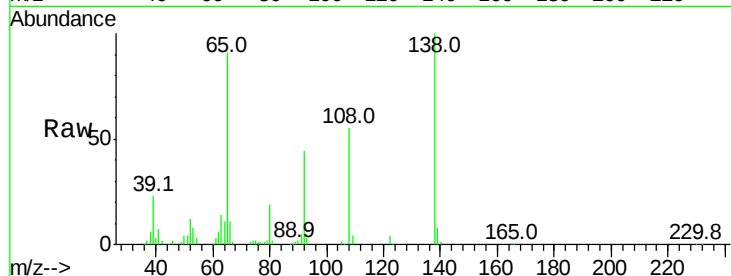




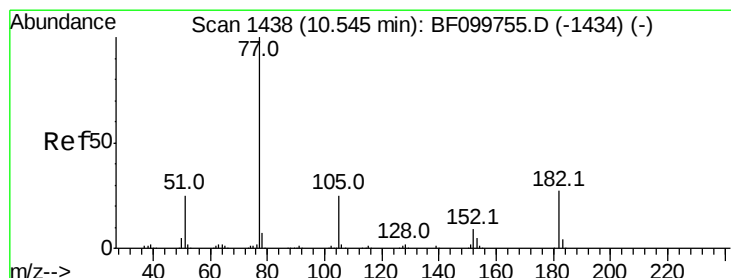
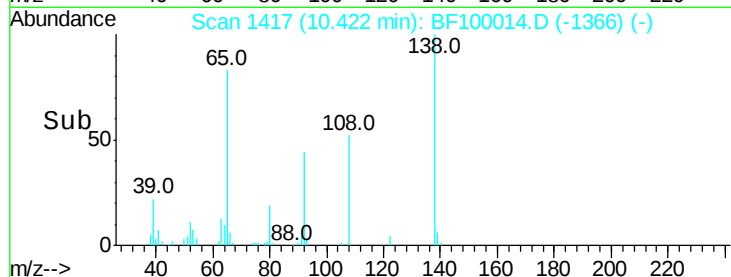
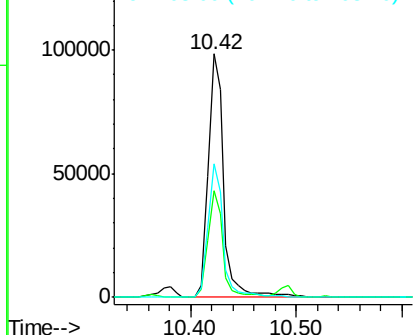
#61
4-Nitroaniline
Concen: 35.948 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 100534
Ion Ratio Lower Upper
138 100
92 43.7 30.2 70.2
108 55.0 52.5 92.5

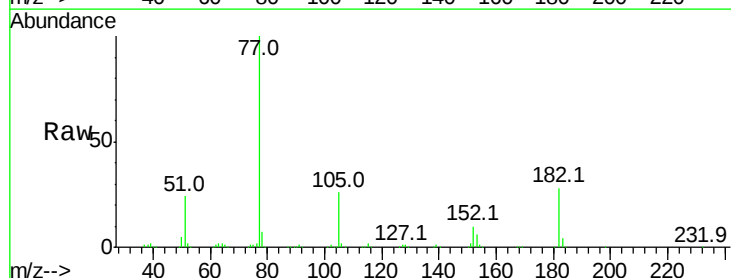


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

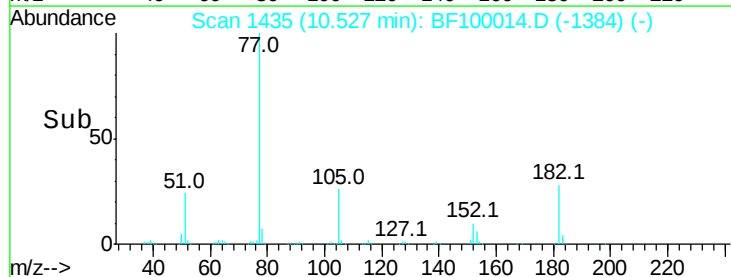
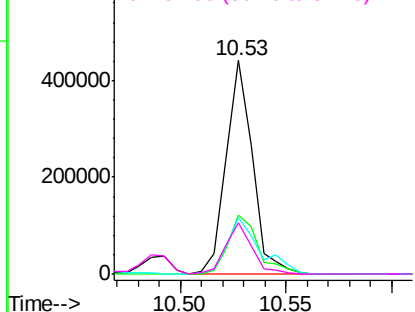


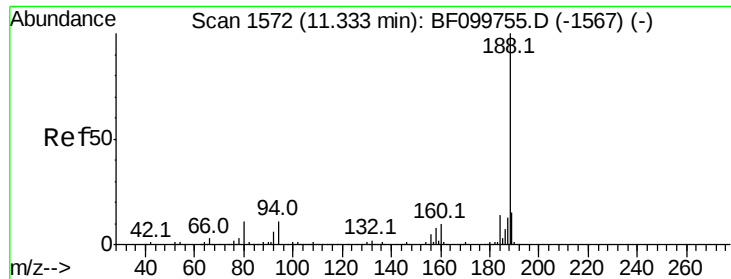
#62
Azobenzene
Concen: 39.037 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion: 77 Resp: 378167
Ion Ratio Lower Upper
77 100
182 27.6 1.7 41.7
105 26.2 3.0 43.0
51 24.1 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

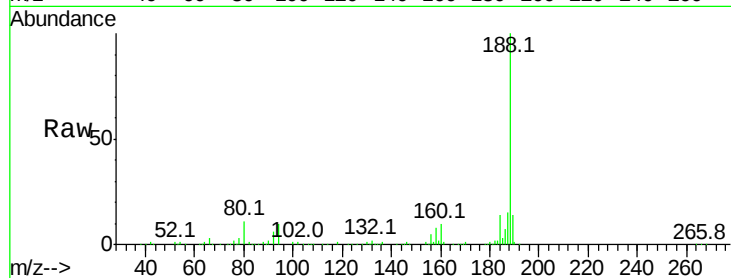
Tot Ion:188 Resp: 256579

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

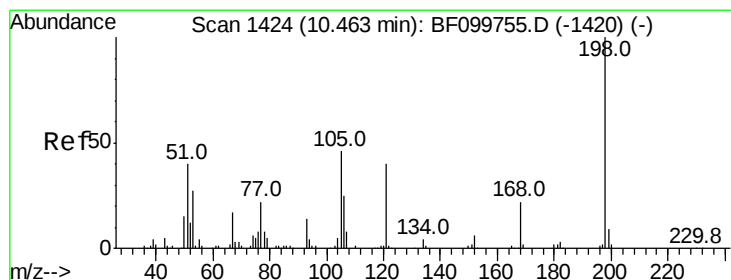
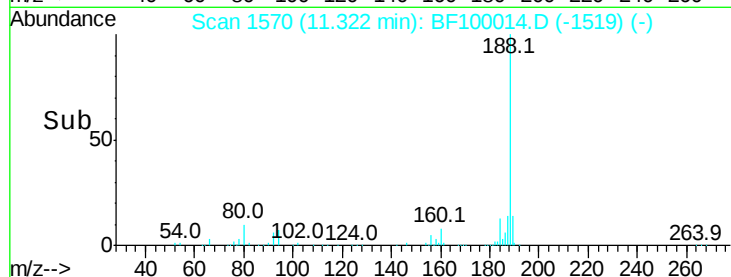
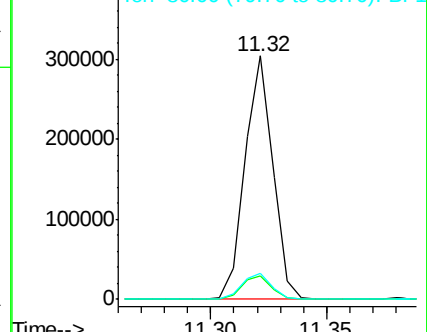
80 10.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 17.675 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

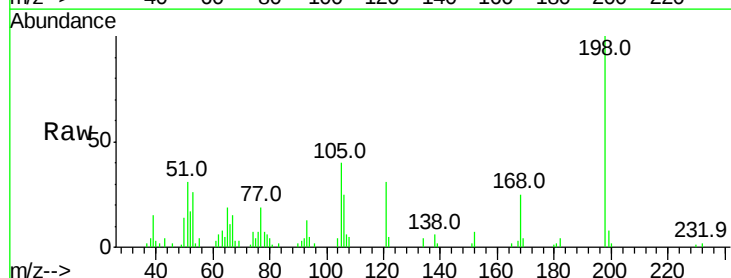
Tgt Ion:198 Resp: 28508

Ion Ratio Lower Upper

198 100

51 31.1 37.7 77.7#

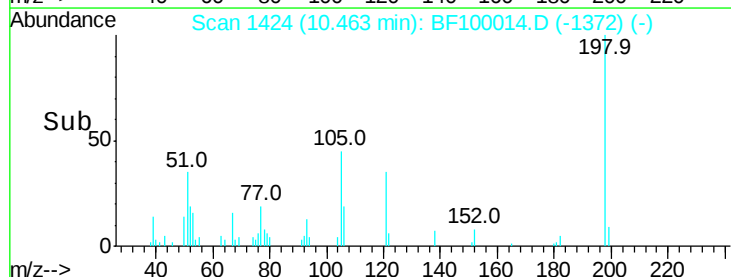
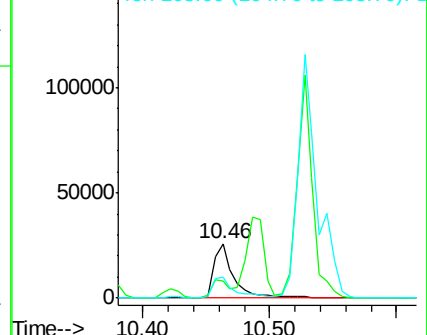
105 39.5 36.3 76.3

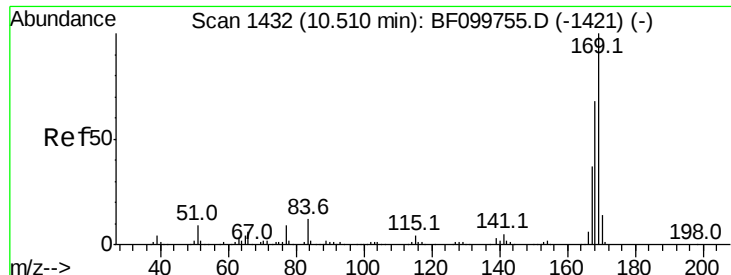


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

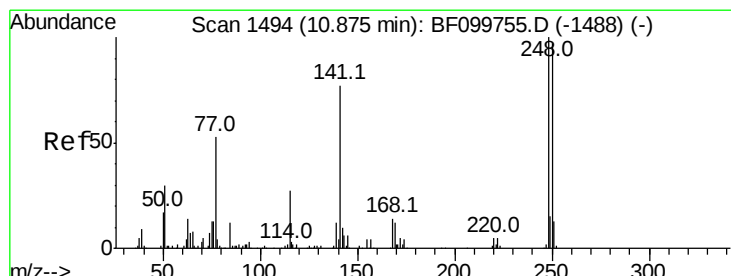
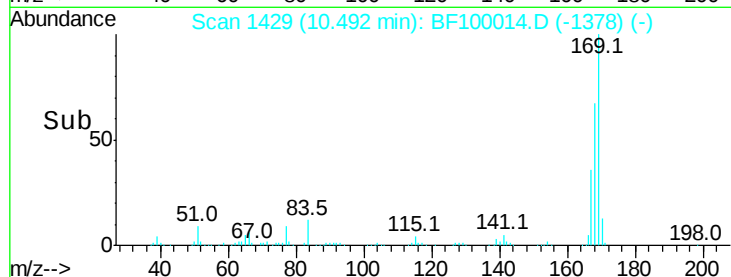
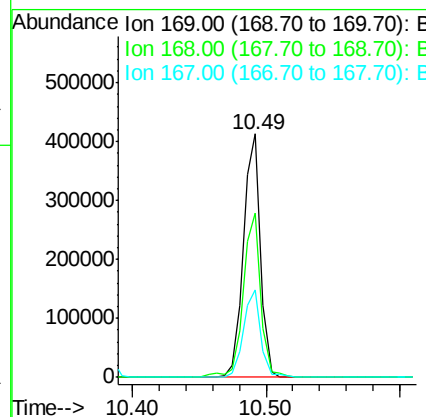
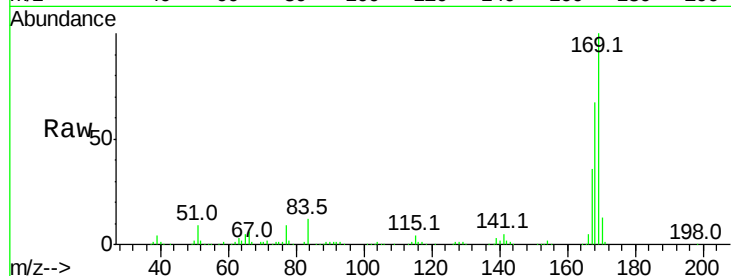




#65
n-Nitrosodiphenylamine
Concen: 38.748 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

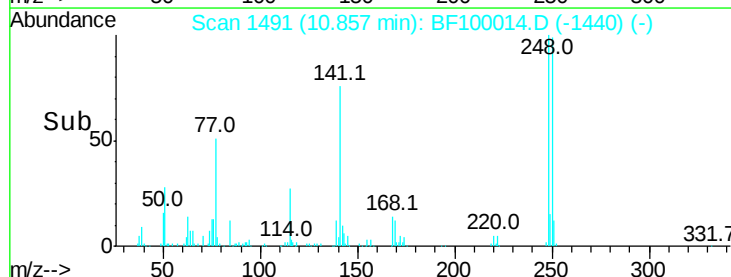
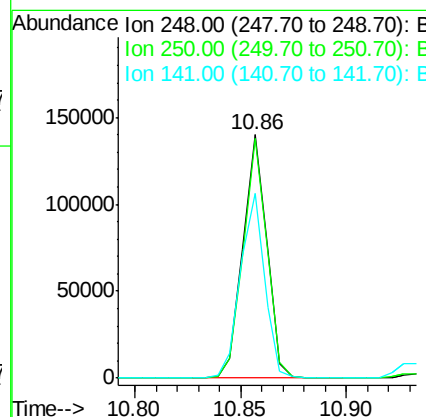
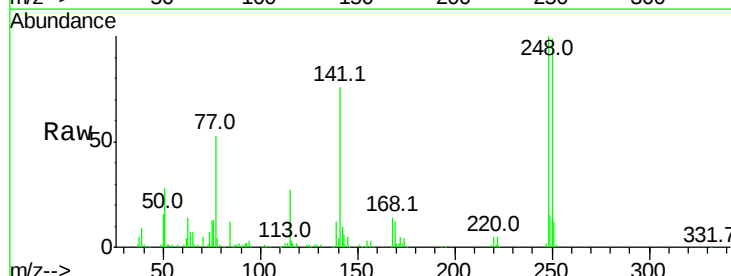
Instrument :
BNA_F
ClientSampleId :

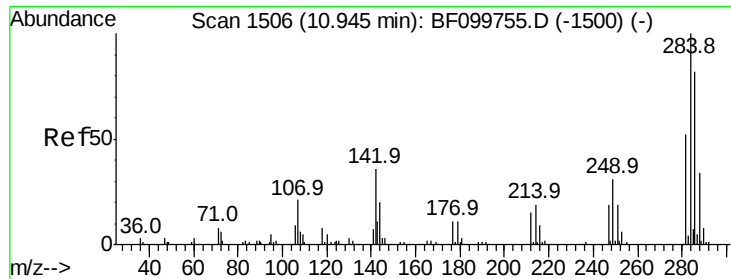
Tot Ion:169 Resp: 367005
Ion Ratio Lower Upper
169 100
168 67.3 54.4 81.6
167 35.8 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 40.424 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion:248 Resp: 109192
Ion Ratio Lower Upper
248 100
250 98.6 76.9 115.3
141 75.8 74.4 111.6

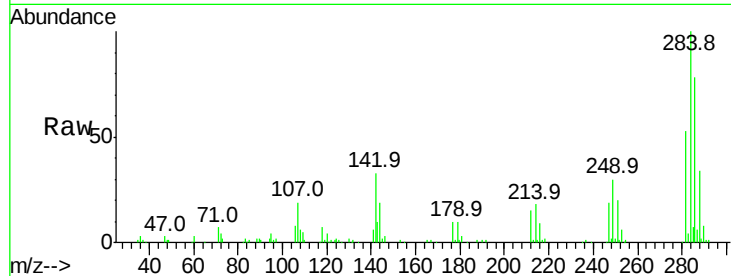




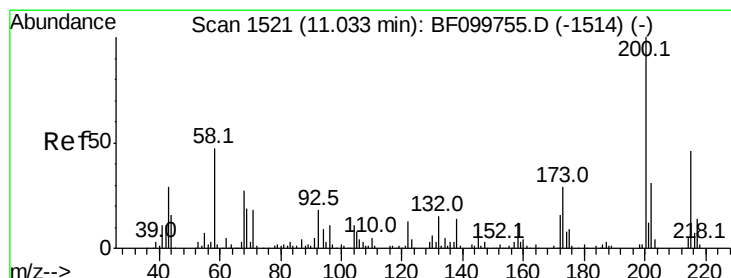
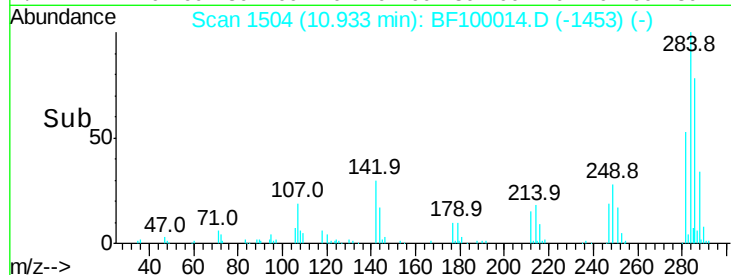
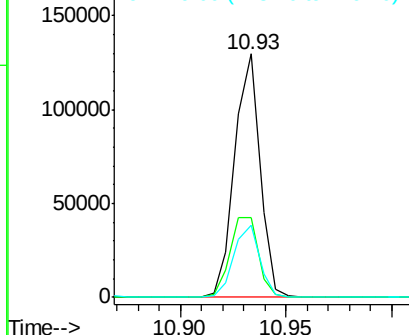
#67
Hexachlorobenzene
Concen: 38.985 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 107733
Ion Ratio Lower Upper
284 100
142 33.0 34.6 52.0#
249 29.7 24.8 37.2

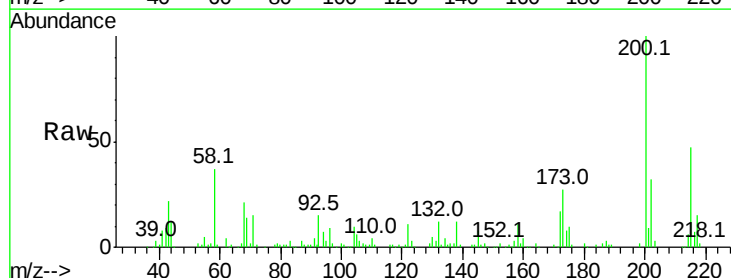


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

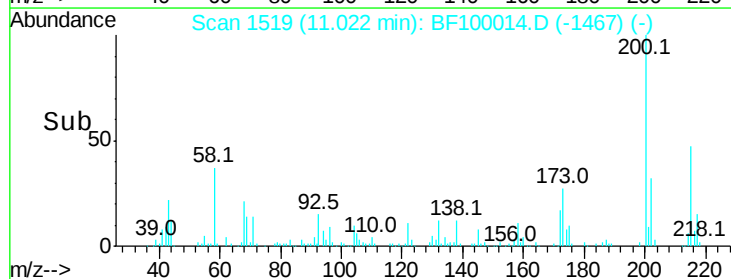
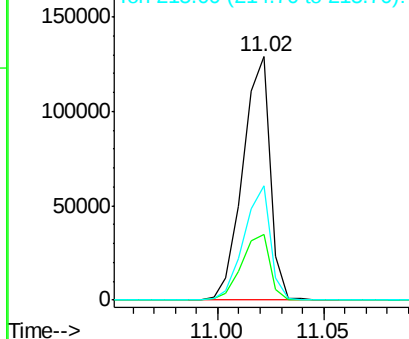


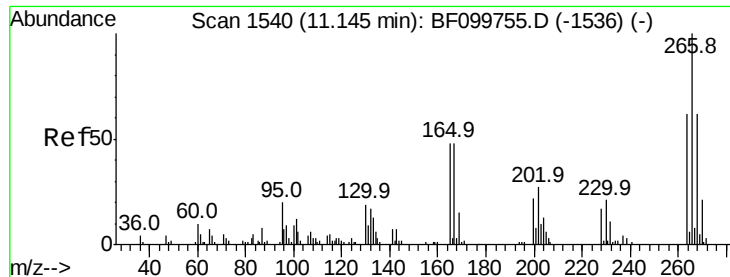
#68
Atrazine
Concen: 40.780 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion:200 Resp: 116022
Ion Ratio Lower Upper
200 100
173 27.2 8.6 48.6
215 46.7 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

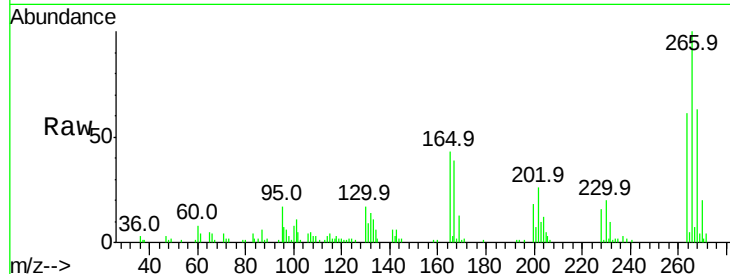




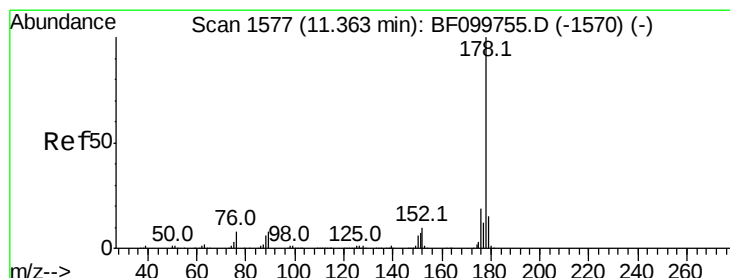
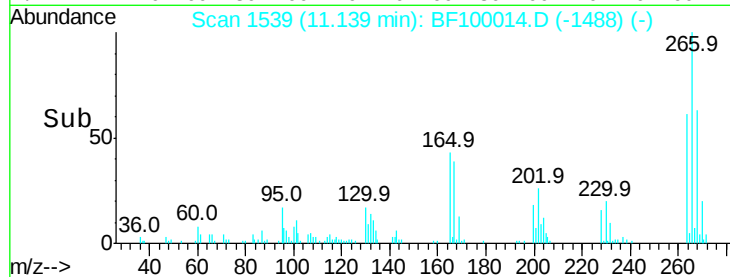
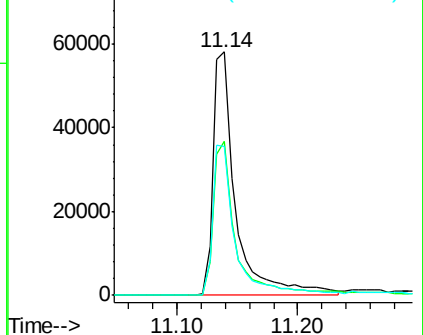
#69
 Pentachlorophenol
 Concen: 63.407 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 74872
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 61.4 49.5 74.3

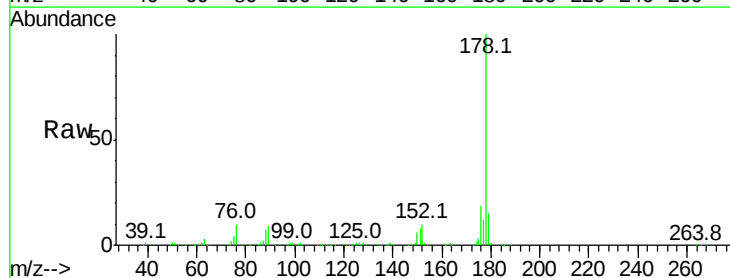


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

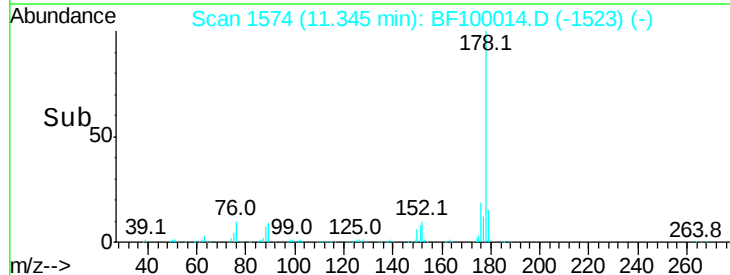
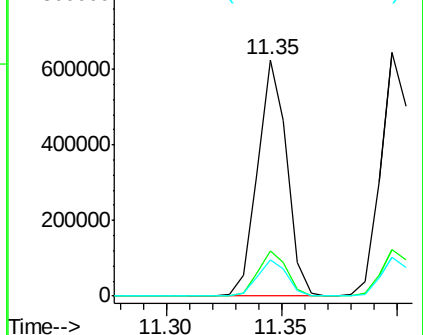


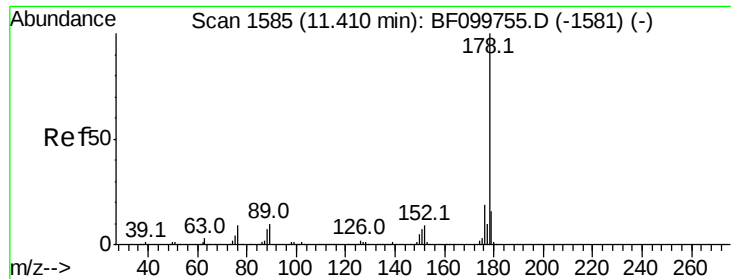
#70
 Phenanthrene
 Concen: 38.204 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion:178 Resp: 553190
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.5 13.0 19.6



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

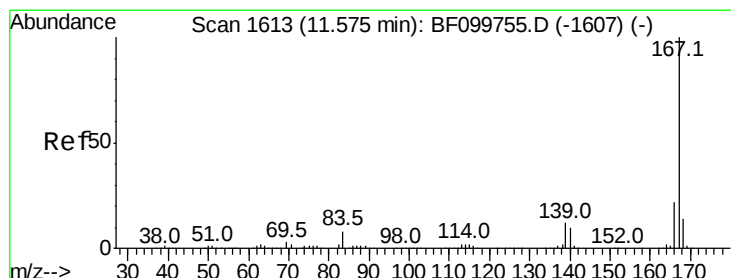
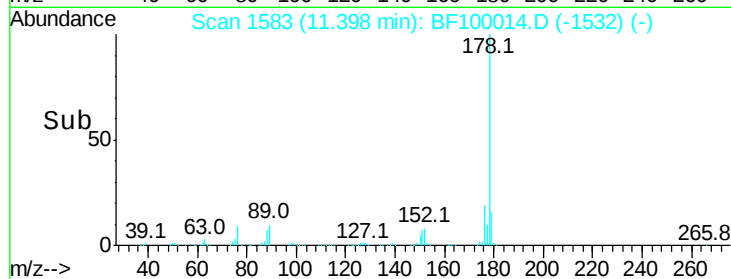
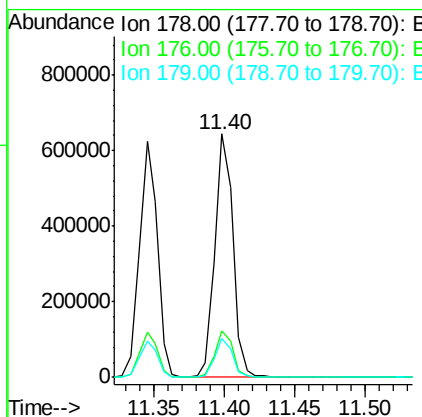
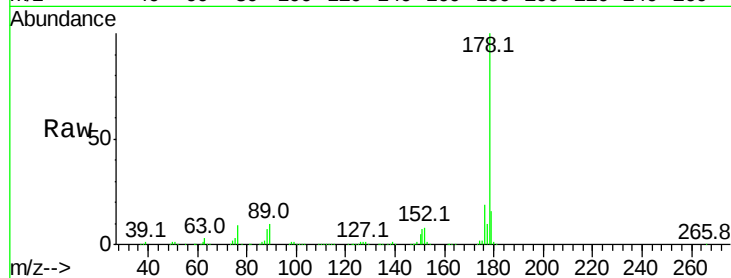




#71
 Anthracene
 Concen: 39.214 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

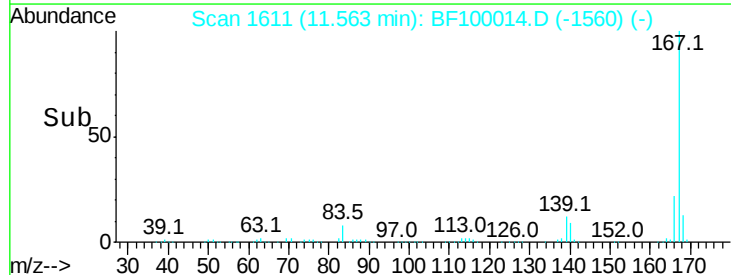
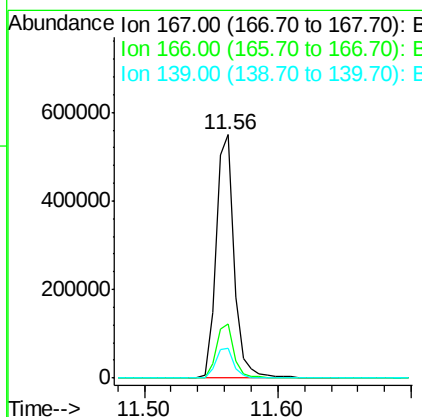
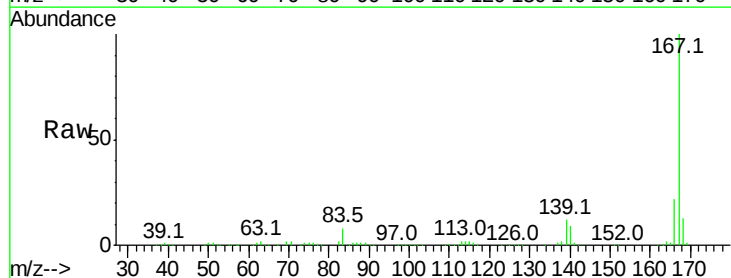
Instrument :
 BNA_F
 ClientSampleId :

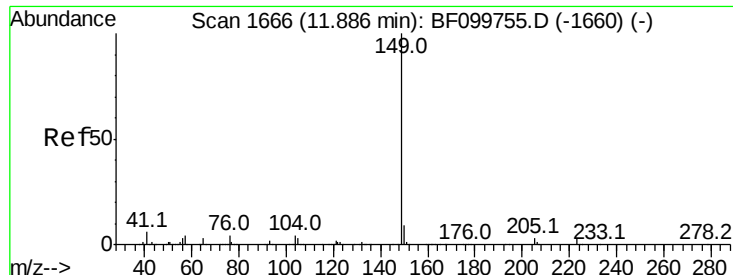
Tot Ion:178 Resp: 576369
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.185 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion:167 Resp: 527778
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.141 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

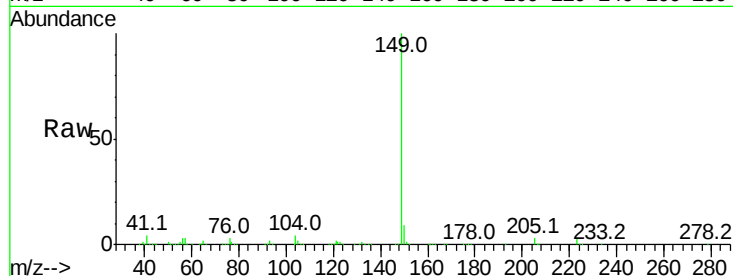
Tot Ion:149 Resp: 690033

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

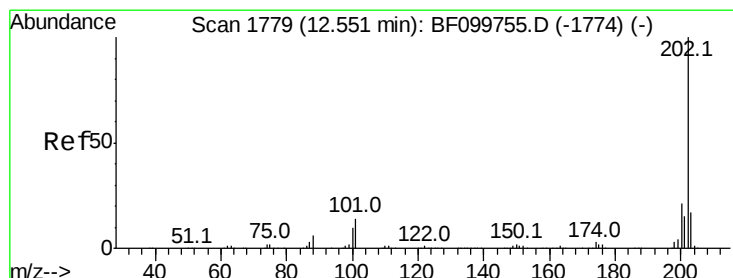
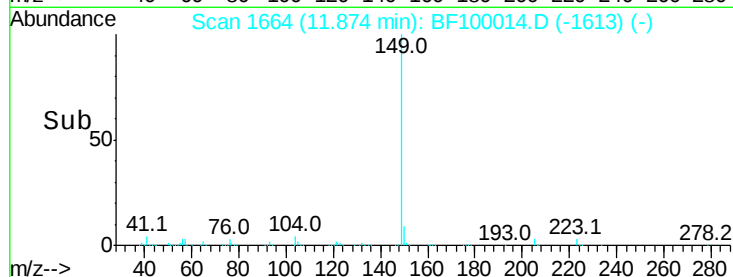
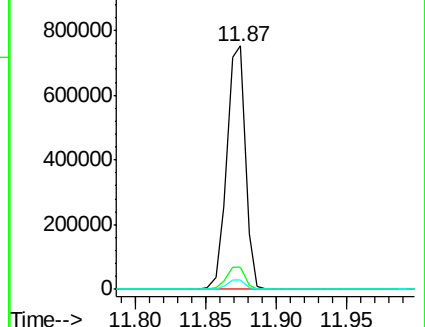
104 3.7 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.655 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

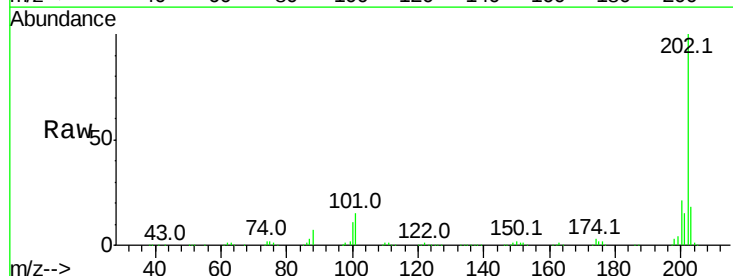
Tgt Ion:202 Resp: 521492

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

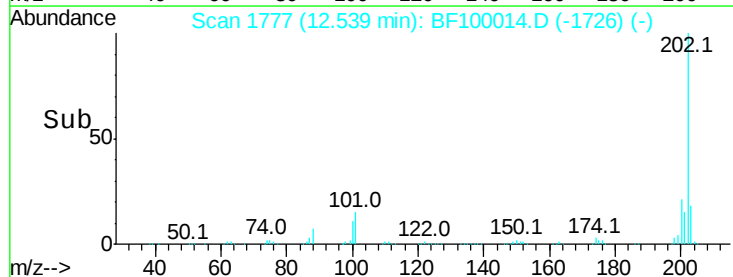
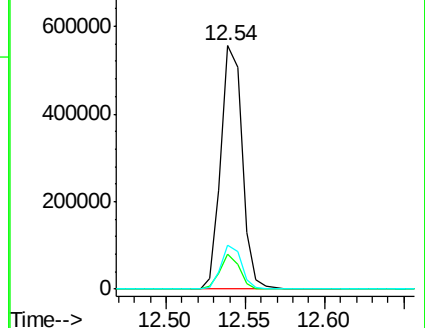
203 17.9 0.0 38.1

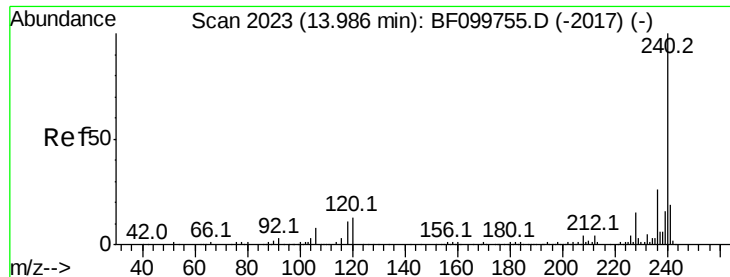


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

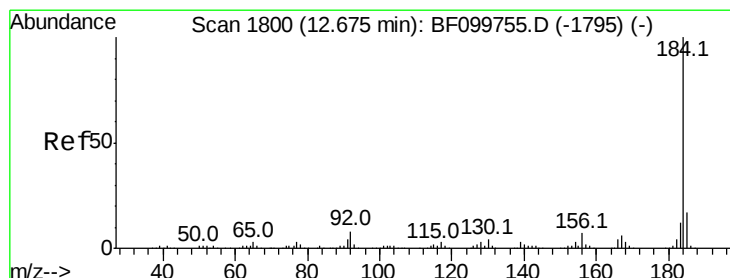
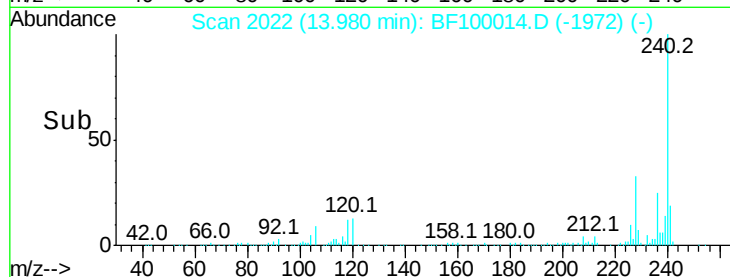
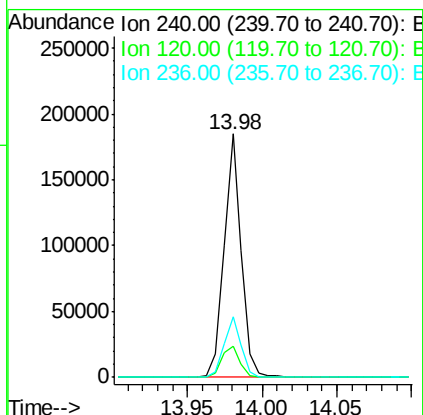
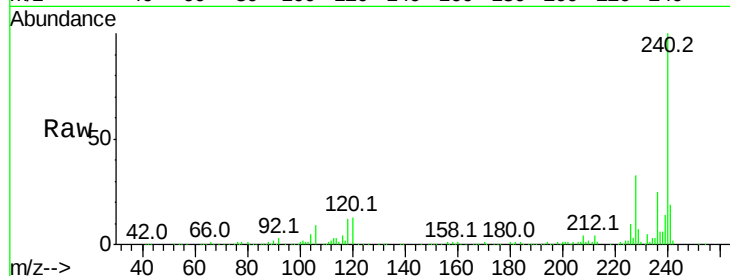




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

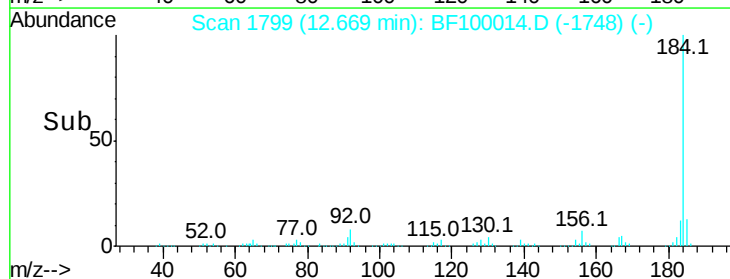
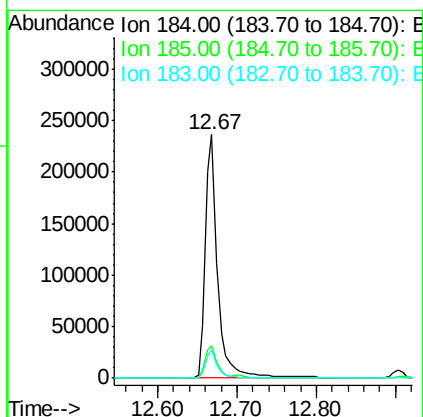
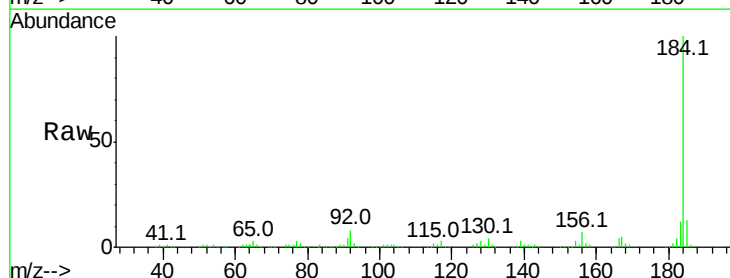
Instrument :
BNA_F
ClientSampleId :

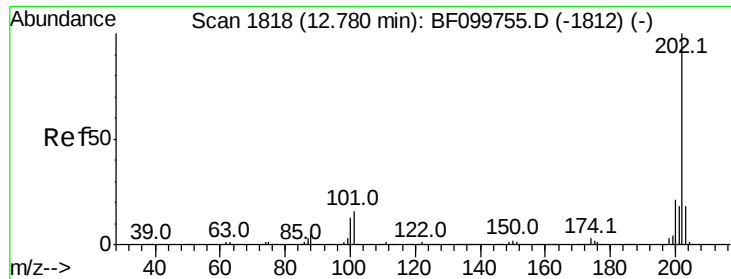
Tot Ion:240 Resp: 149898
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.1 20.7 31.1



#76
Benzidine
Concen: 39.651 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion:184 Resp: 260074
Ion Ratio Lower Upper
184 100
185 13.5 12.6 18.8
183 11.9 9.3 13.9

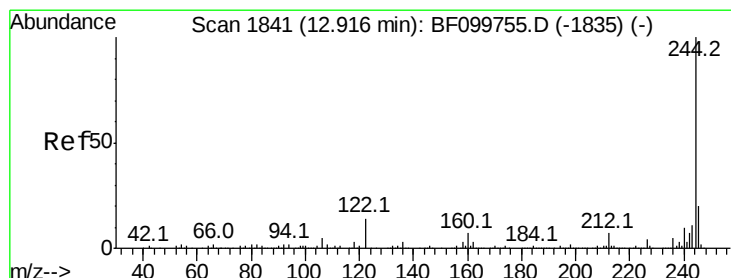
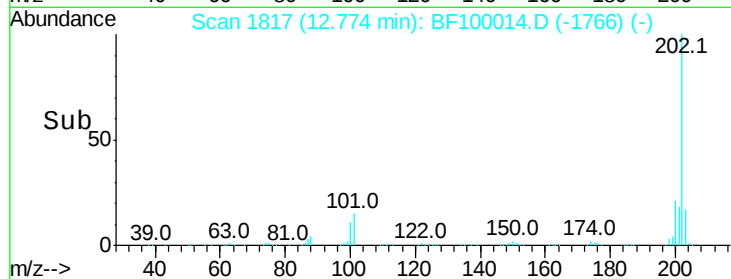
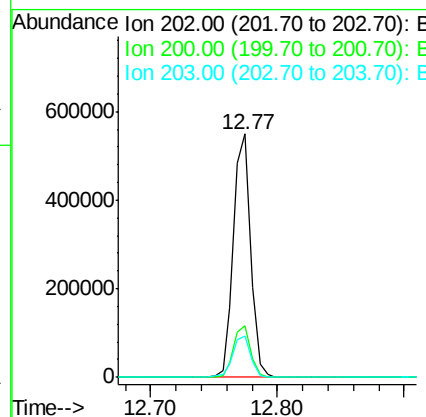
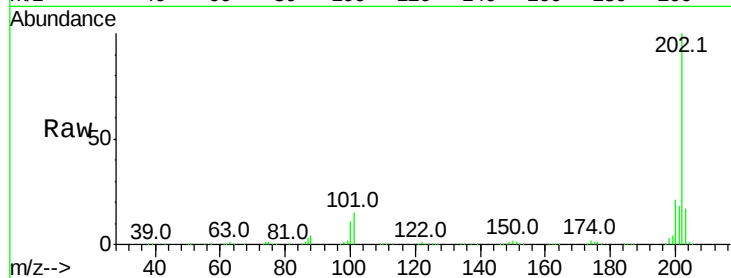




#77
Pvrene
Concen: 45.145 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

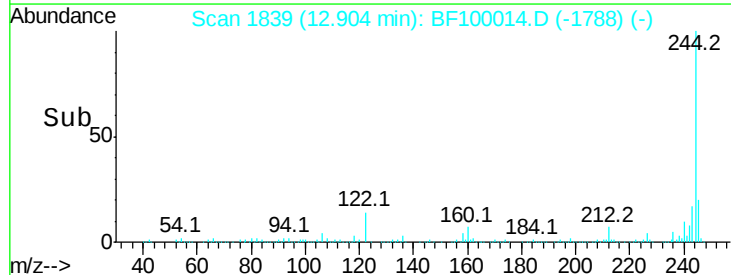
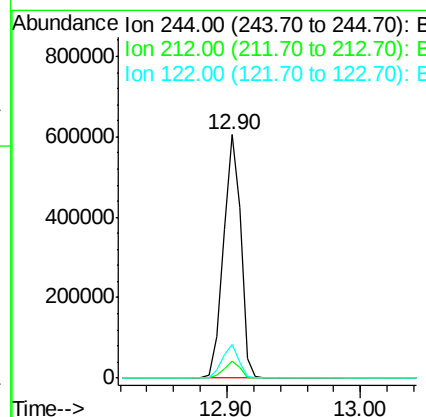
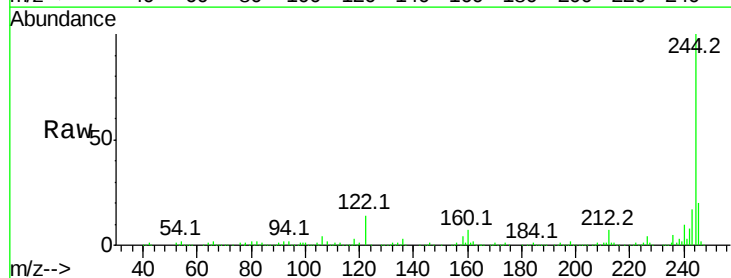
Instrument :
BNA_F
ClientSampleId :

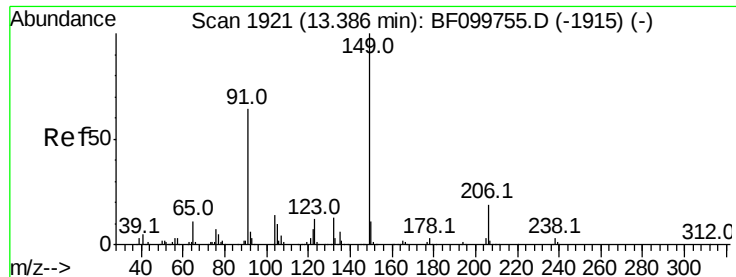
Tot Ion:202 Resp: 514573
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 80.700 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion:244 Resp: 553537
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.9 11.0 16.4

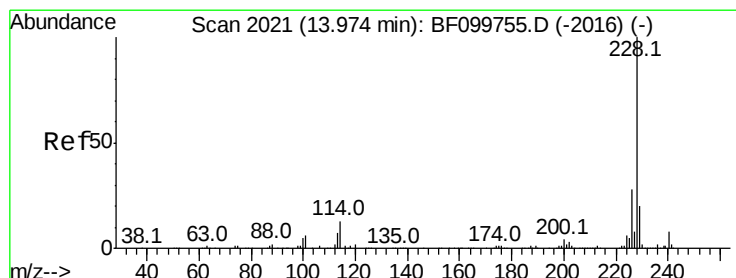
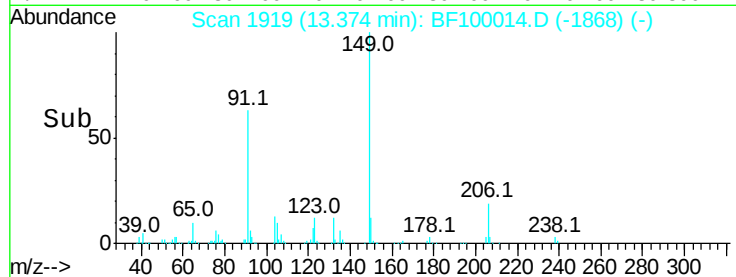
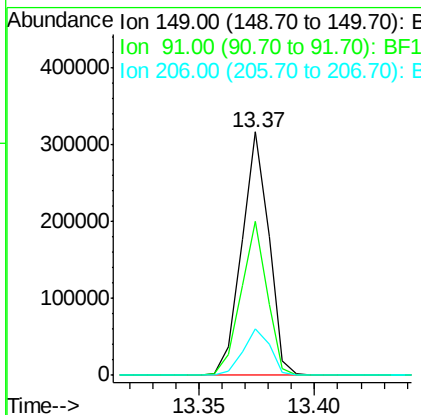
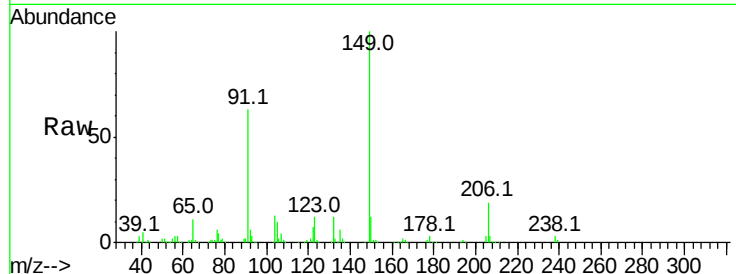




#79
 Butylbenzylphthalate
 Concen: 46.184 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

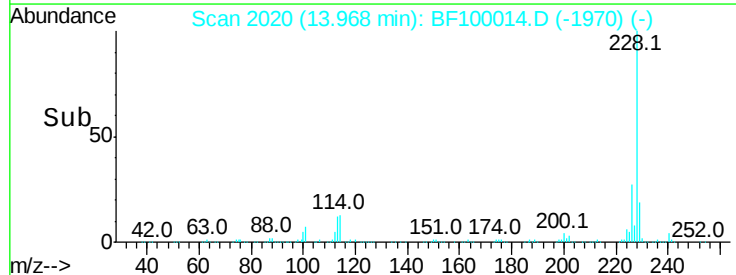
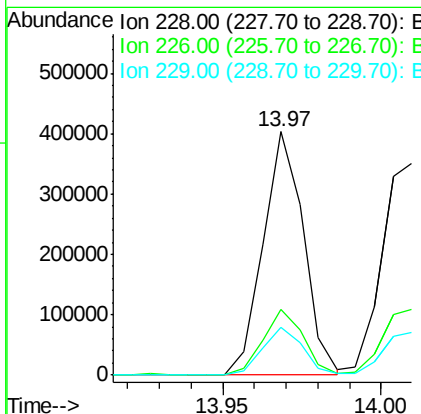
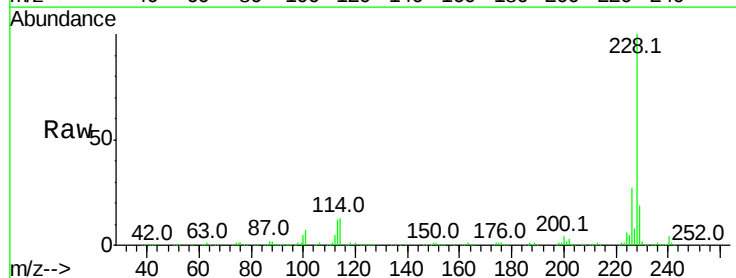
Instrument :
 BNA_F
 ClientSampleId :

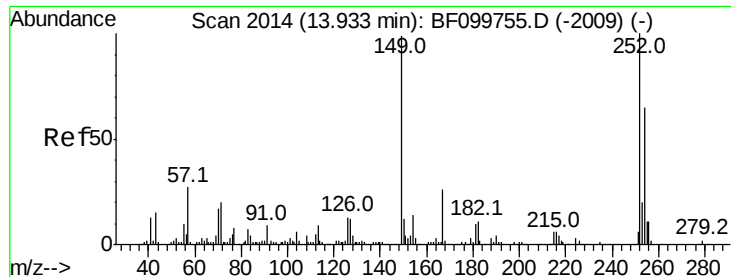
Tot Ion:	149	Resp:	259220
Ion	Ratio	Lower	Upper
149	100		
91	63.5	56.8	85.2
206	19.0	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 37.641 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion:	228	Resp:	357681
Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.4	15.8	23.6

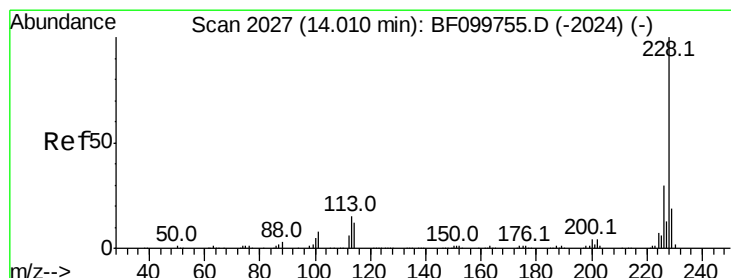
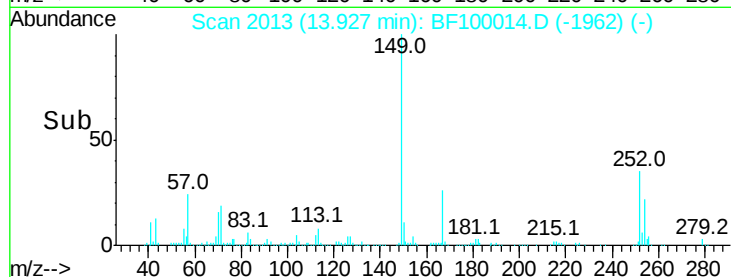
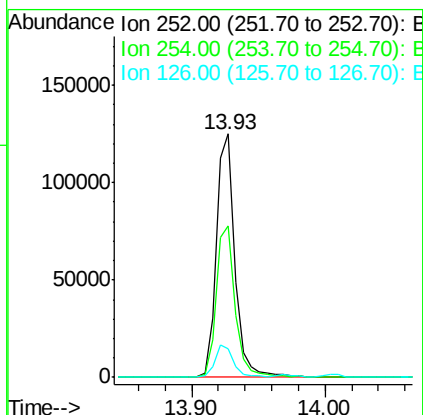
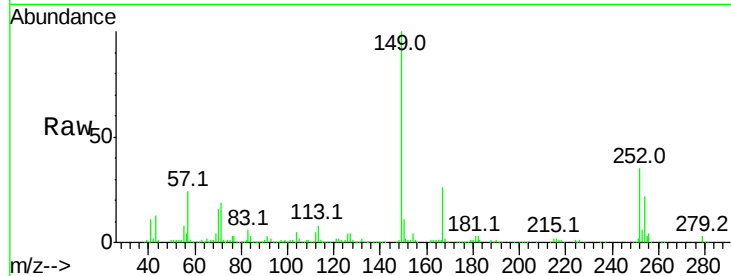




#81
 3,3'-Dichlorobenzidine
 Concen: 35.709 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

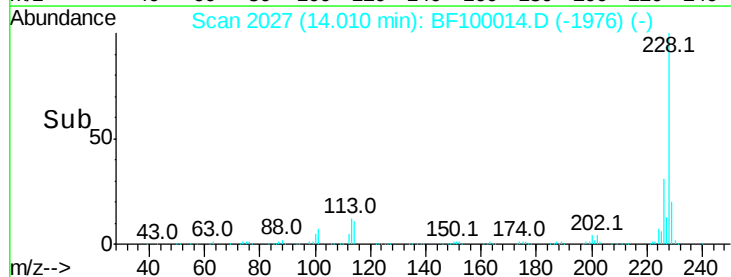
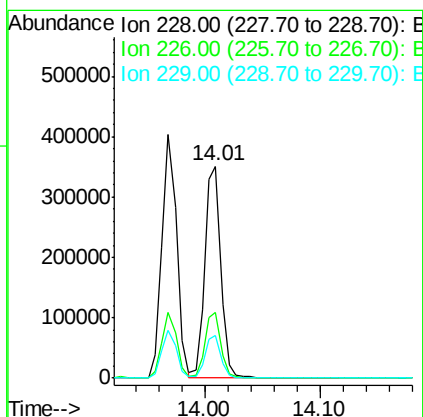
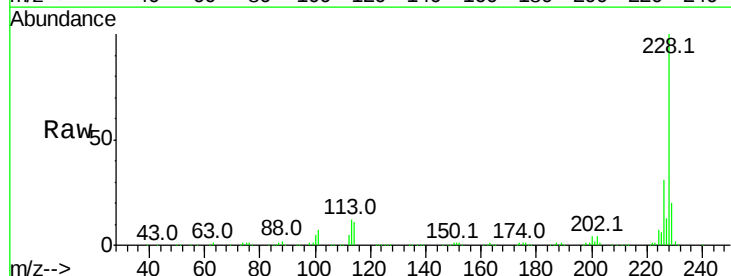
Instrument :
 BNA_F
 ClientSampleId :

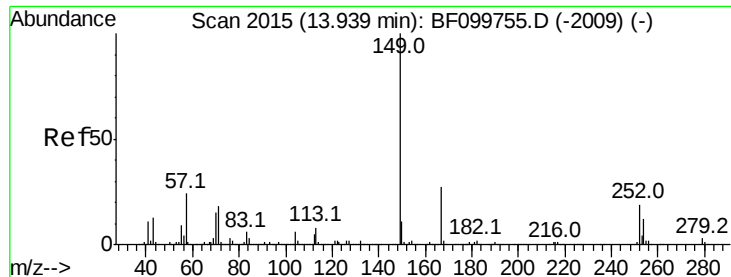
Tot Ion:252 Resp: 123175
 Ion Ratio Lower Upper
 252 100
 254 62.0 50.4 75.6
 126 11.5 11.3 16.9



#82
 Chrysene
 Concen: 38.402 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion:228 Resp: 343071
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.957 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

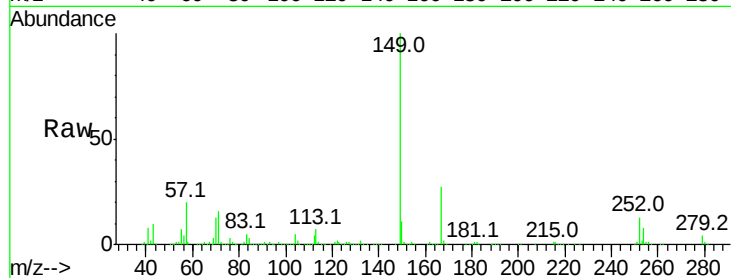
Tot Ion:149 Resp: 354355

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

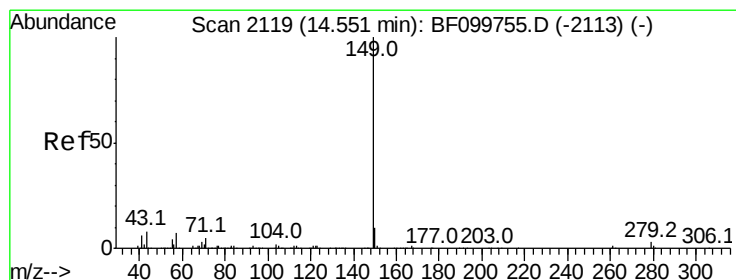
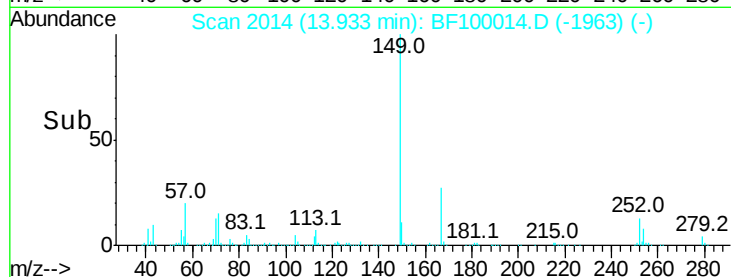
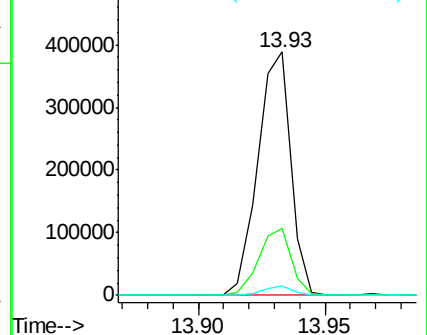
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.066 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

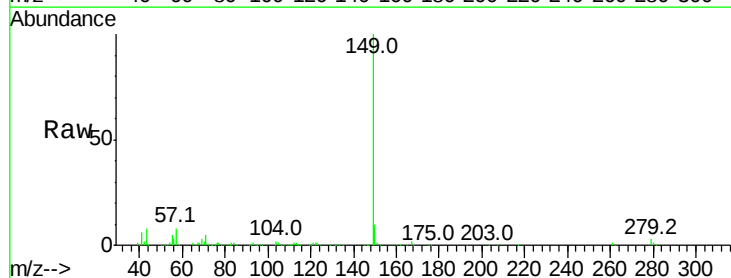
Tgt Ion:149 Resp: 542038

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

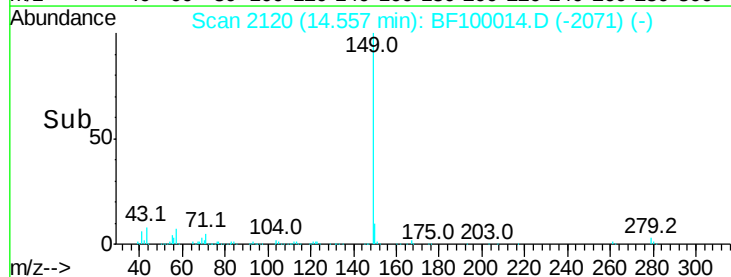
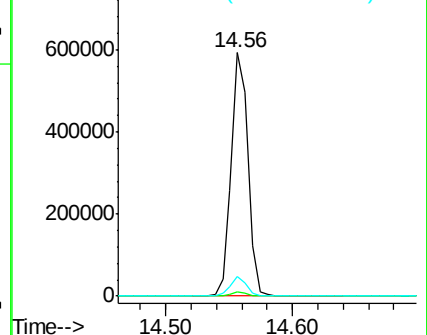
43 7.6 8.4 12.6#

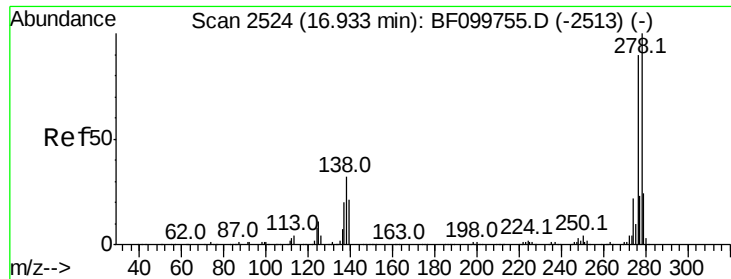


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

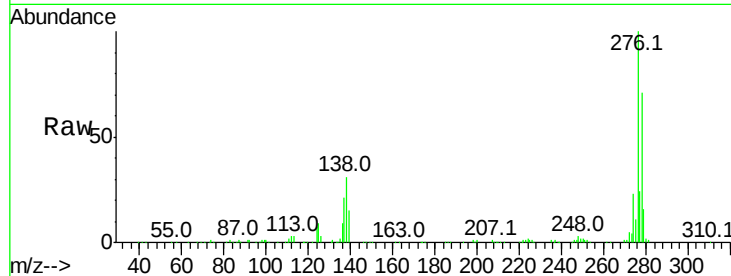




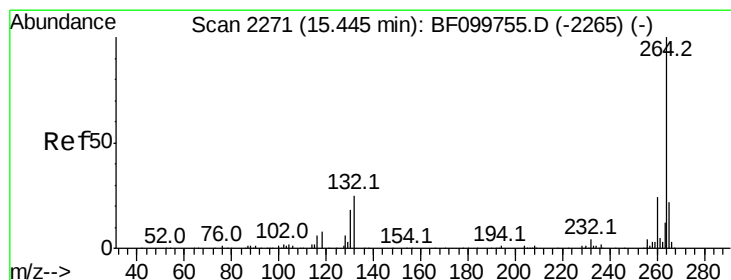
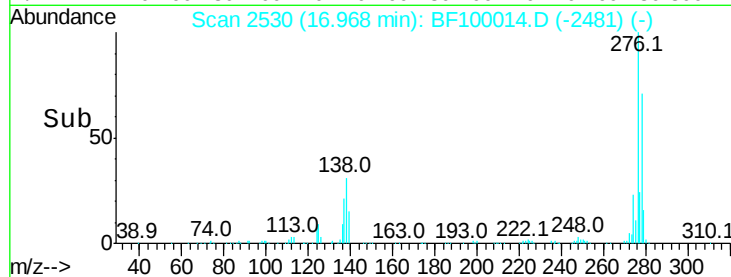
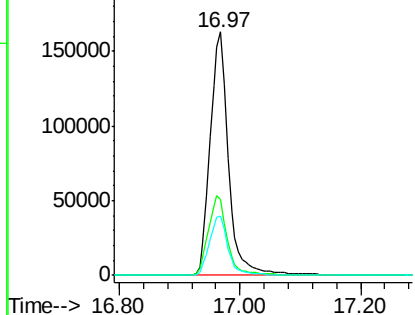
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.913 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	25.0	37.6
277	24.8	20.1	30.1

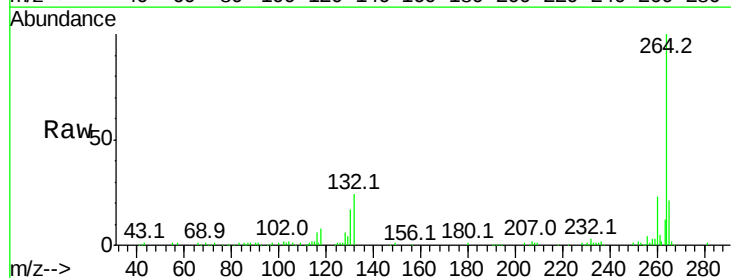


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

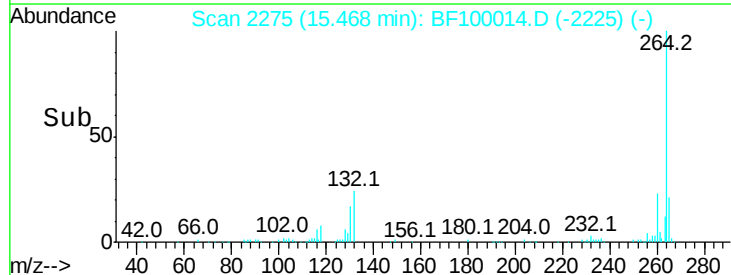
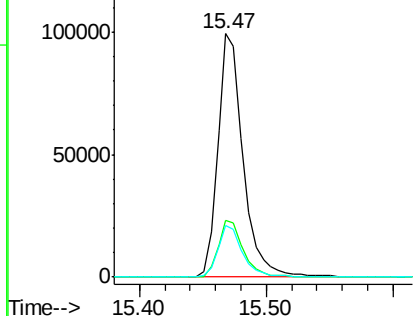


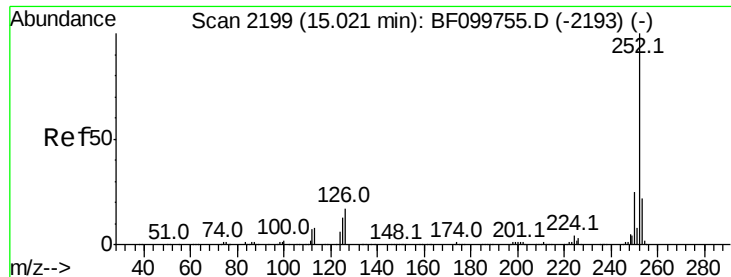
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

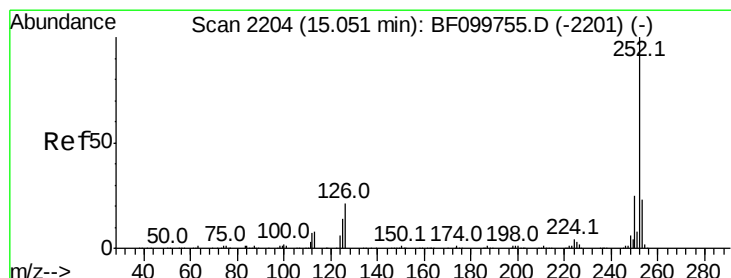
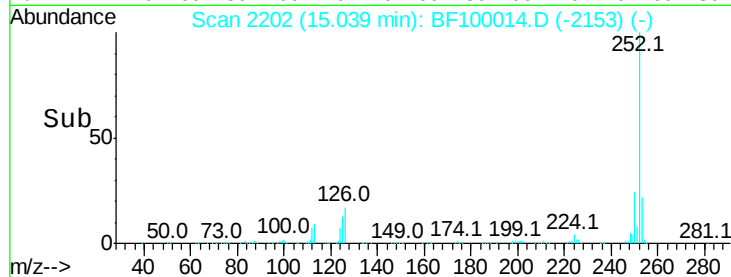
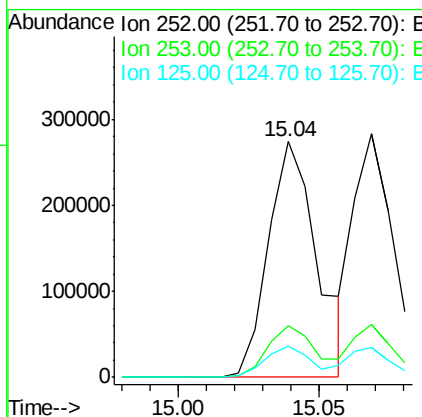
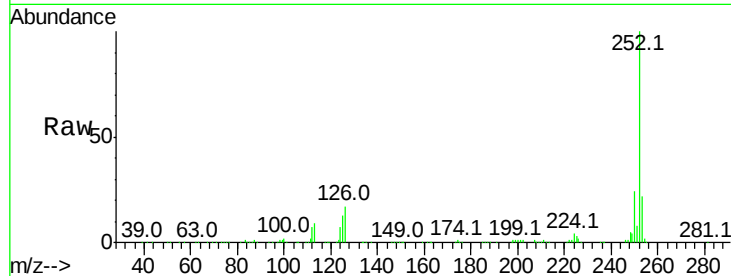




#87
Benzo(b)fluoranthene
Concen: 37.897 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

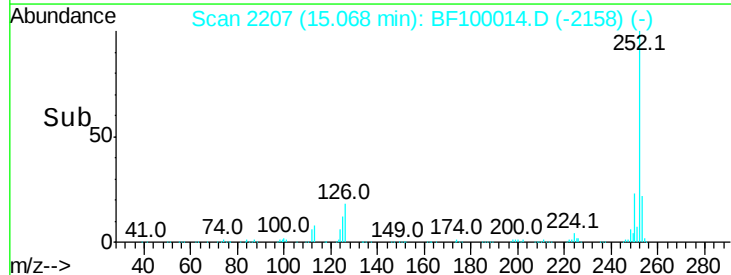
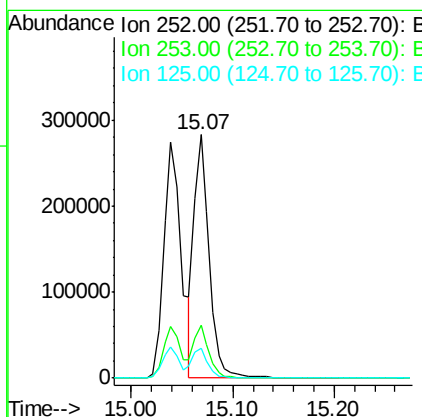
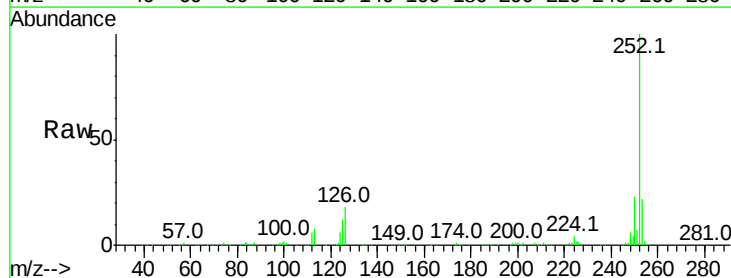
Instrument :
BNA_F
ClientSampleId :

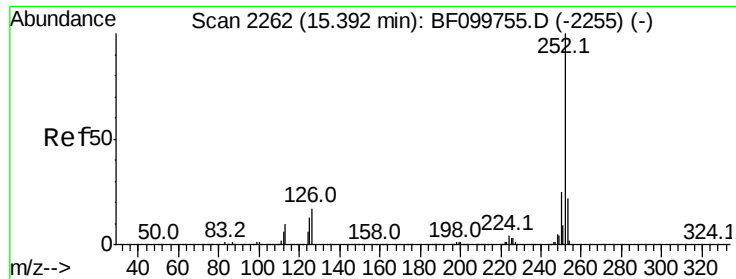
Tot Ion:252 Resp: 328649
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.625 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion:252 Resp: 291328
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.152 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

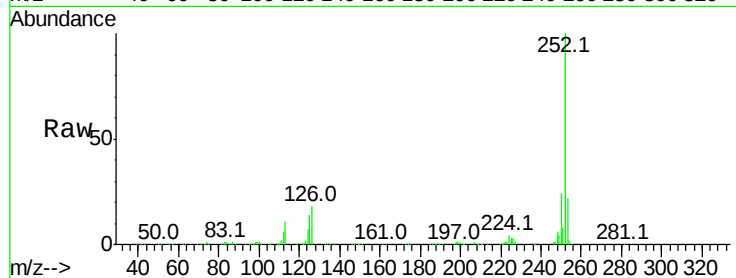
Tot Ion:252 Resp: 304995

Ion Ratio Lower Upper

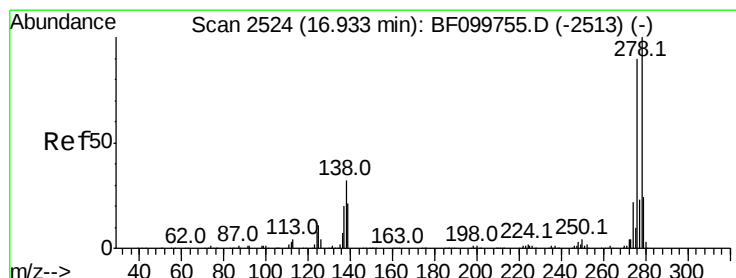
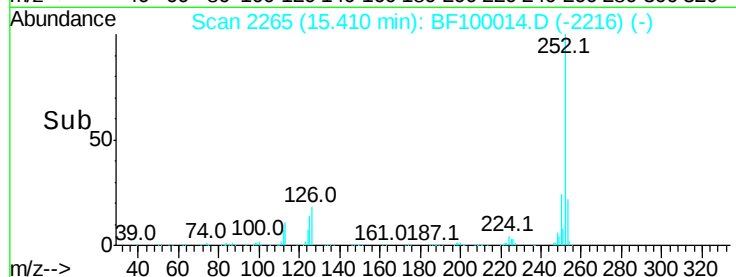
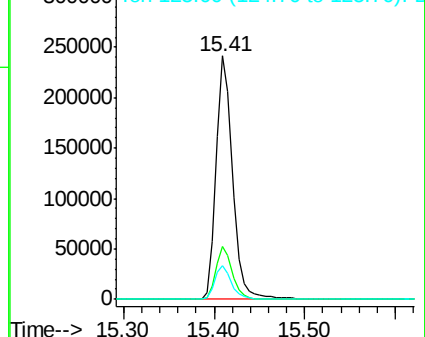
252 100

253 21.9 17.1 25.7

125 14.0 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: 41.551 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

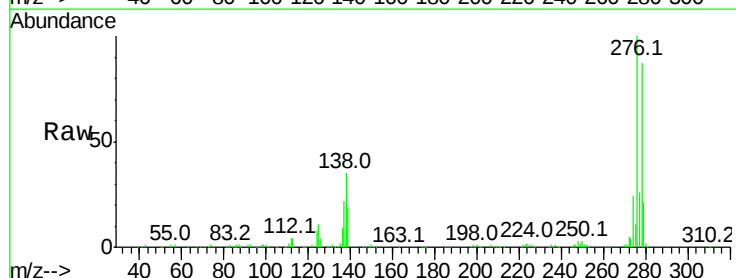
Tgt Ion:278 Resp: 287614

Ion Ratio Lower Upper

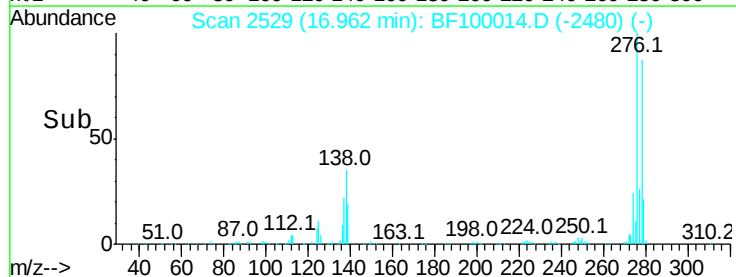
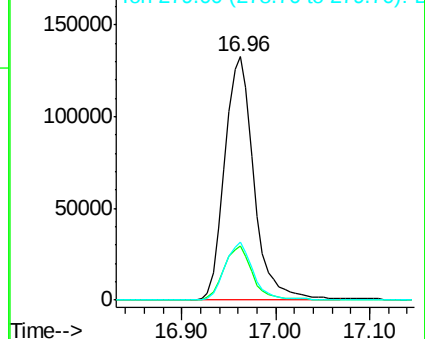
278 100

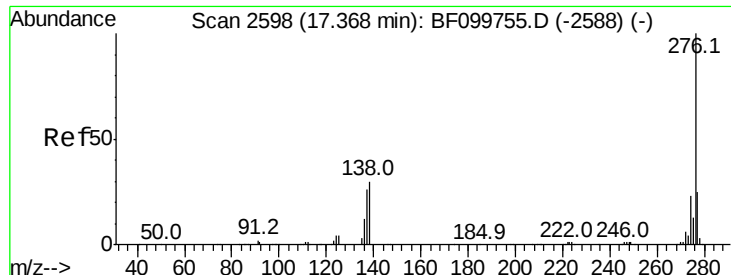
139 22.1 15.9 23.9

279 23.8 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

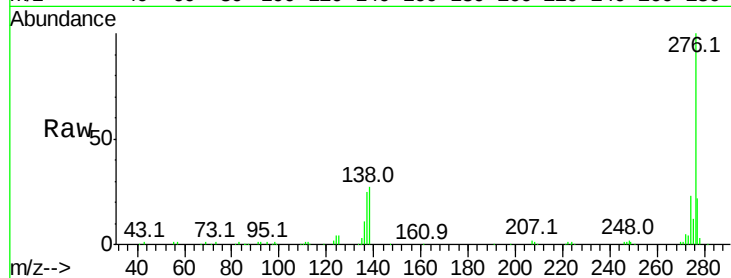




#91
 Benzo(a,h,i)perylene
 Concen: 42.344 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	27.3	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

