

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 :
EPE-120-3(20-22)MSD

Quant Time: Nov 01 08:15:47 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	30.55	ng	89
3) Pyridine	3.33	79	153874	28.93	ng	88
4) n-Nitrosodimethylamine	3.27	42	62945	33.13	ng	# 61
6) Aniline	6.46	93	211491	27.47	ng	# 78
8) 2-Chlorophenol	6.58	128	214171	40.12	ng	90
9) Benzaldehyde	6.35	77	96440	27.18	ng	90
10) Phenol	6.45	94	299933	46.00	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	195393	38.81	ng	93
12) 1,3-Dichlorobenzene	6.96	146	213681	35.65	ng	96
13) 1,4-Dichlorobenzene	6.80	146	229055	37.66	ng	98
14) 1,2-Dichlorobenzene	6.96	146	213684	38.54	ng	96
15) Benzyl Alcohol	6.94	79	149805	39.67	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	242347	43.33	ng	59
17) 2-Methylphenol	7.05	107	171082	38.32	ng	93
18) Hexachloroethane	7.29	117	72155	35.55	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	130056	37.37	ng	89
20) 3+4-Methylphenols	7.21	107	225810	43.43	ng	# 74
22) Acetophenone	7.20	105	276234	37.02	ng	# 94
24) Nitrobenzene	7.38	77	198210	38.64	ng	90
25) Isophorone	7.62	82	380887	41.23	ng	95
26) 2-Nitrophenol	7.69	139	120426	40.99	ng	88
27) 2,4-Dimethylphenol	7.73	122	192777	44.53	ng	92
28) bis(2-Chloroethoxy)methane	7.82	93	251332	38.85	ng	99
29) 2,4-Dichlorophenol	7.94	162	191562	42.60	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	184253	38.35	ng	98
31) Naphthalene	8.09	128	599009	37.86	ng	99
32) Benzoic acid	7.73	122	192777	50.59	ng	# 11
33) 4-Chloroaniline	8.15	127	157906	24.17	ng	# 93
34) Hexachlorobutadiene	8.20	225	91585	37.06	ng	99
35) Caprolactam	8.53	113	55858	39.50	ng	# 72
36) 4-Chloro-3-methylphenol	8.65	107	183838	40.05	ng	92
37) 2-Methylnaphthalene	8.79	142	420266	39.64	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	173965	36.05	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	13746	25.48	ng	97

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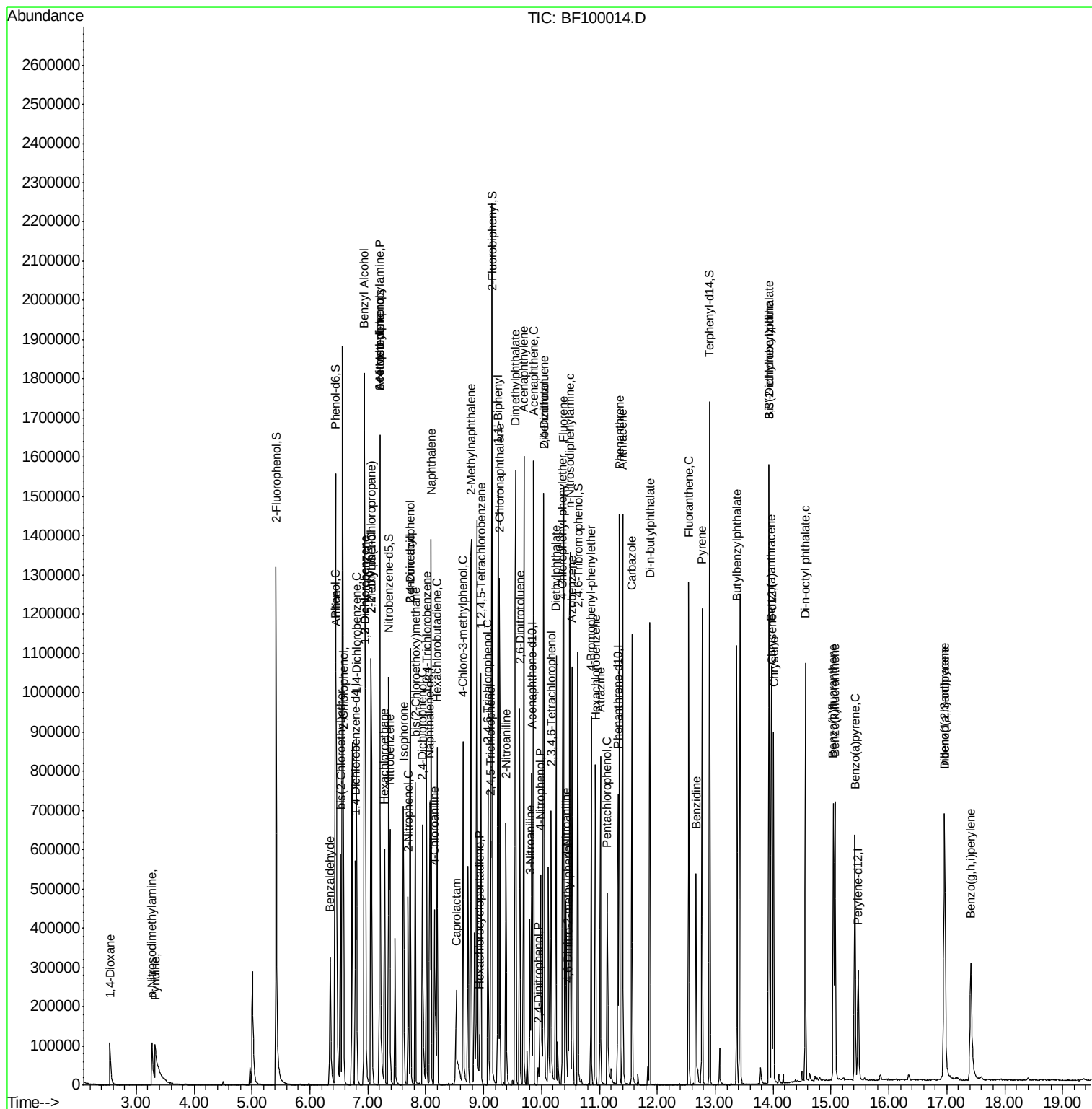
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	118282	40.52	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	122777	39.63	ng	95
45) 1,1'-Biphenyl	9.25	154	493474	36.50	ng	98
46) 2-Chloronaphthalene	9.27	162	380713	38.78	ng	97
47) 2-Nitroaniline	9.39	65	101193	39.27	ng	# 82
48) Acenaphthylene	9.69	152	565699	37.41	ng	99
49) Dimethylphthalate	9.55	163	623934	52.72	ng	99
50) 2,6-Dinitrotoluene	9.63	165	98782	39.71	ng	87
51) Acenaphthene	9.86	154	341831	37.00	ng	98
52) 3-Nitroaniline	9.80	138	87983	30.02	ng	# 79
53) 2,4-Dinitrophenol	9.94	184	12420	17.50	ng	# 86
54) Dibenzofuran	10.03	168	509402	39.06	ng	99
55) 4-Nitrophenol	9.99	139	93392	60.98	ng	81
56) 2,4-Dinitrotoluene	10.04	165	125616	41.93	ng	93
57) Fluorene	10.38	166	404678	37.48	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	92363	42.52	ng	# 90
59) Diethylphthalate	10.25	149	435631	37.70	ng	96
60) 4-Chlorophenyl-phenylether	10.36	204	190775	37.54	ng	97
61) 4-Nitroaniline	10.42	138	100534	35.95	ng	84
62) Azobenzene	10.53	77	378167	39.04	ng	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	28508	17.68	ng	# 71
65) n-Nitrosodiphenylamine	10.49	169	367005	38.75	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	109192	40.42	ng	90
67) Hexachlorobenzene	10.93	284	107733	38.99	ng	# 90
68) Atrazine	11.02	200	116022	40.78	ng	97
69) Pentachlorophenol	11.14	266	74872	63.41	ng	99
70) Phenanthrene	11.35	178	553190	38.20	ng	98
71) Anthracene	11.40	178	576369	39.21	ng	99
72) Carbazole	11.56	167	527778	38.18	ng	98
73) Di-n-butylphthalate	11.87	149	690033	39.14	ng	# 98
74) Fluoranthene	12.54	202	521492	34.66	ng	99
76) Benzidine	12.67	184	260074	39.65	ng	97
77) Pyrene	12.77	202	514573	45.15	ng	98
79) Butylbenzylphthalate	13.37	149	259220	46.18	ng	92
80) Benzo(a)anthracene	13.97	228	357681	37.64	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	123175	35.71	ng	98
82) Chrysene	14.01	228	343071	38.40	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	354355	44.96	ng	99
84) Di-n-octyl phthalate	14.56	149	542038	40.07	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.97	276	343737	41.91	ng	98
87) Benzo(b)fluoranthene	15.04	252	328649	37.90	ng	97
88) Benzo(k)fluoranthene	15.07	252	291328	35.63	ng	99
89) Benzo(a)pyrene	15.41	252	304995	39.15	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	287614	41.55	ng	98
91) Benzo(g,h,i)perylene	17.42	276	286758	42.34	ng	100

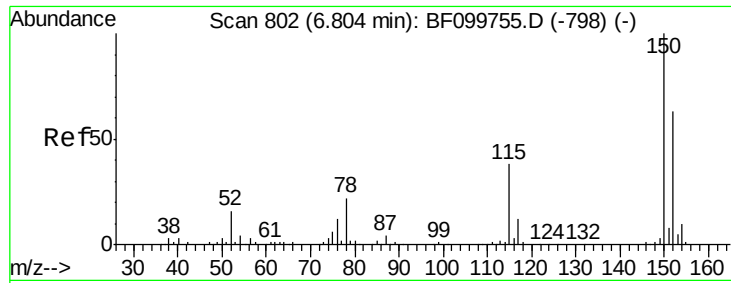
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

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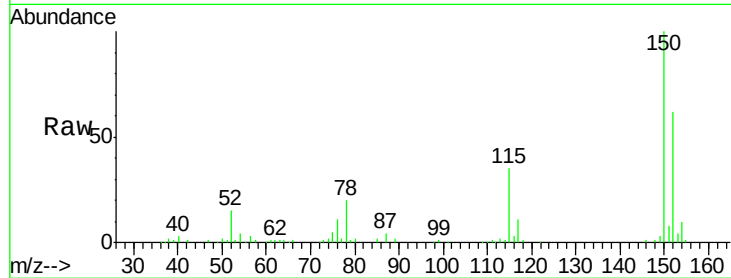
Tgt Ion:152 Resp: 78630

Ion Ratio Lower Upper

152 100

150 161.6 124.6 186.8

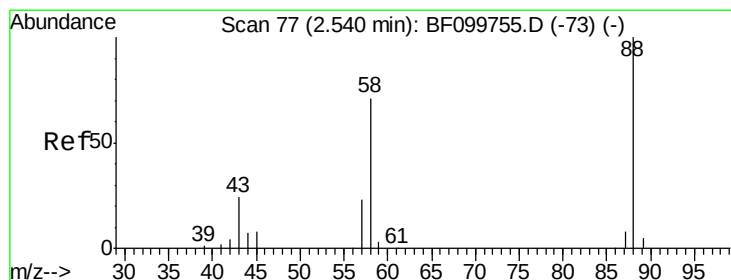
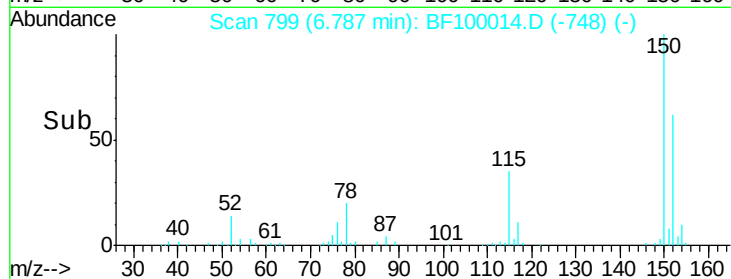
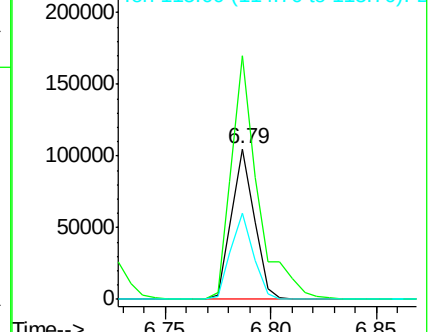
115 56.9 50.1 75.1



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



#2

1,4-Dioxane

Concen: 30.55 ng

RT: 2.55 min Scan# 78

Delta R.T. 0.06 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

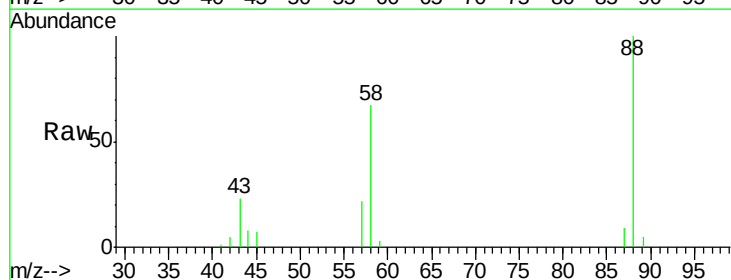
Tgt Ion: 88 Resp: 67576

Ion Ratio Lower Upper

88 100

58 67.5 62.6 93.8

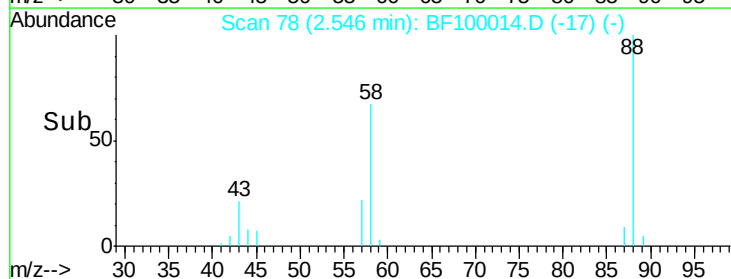
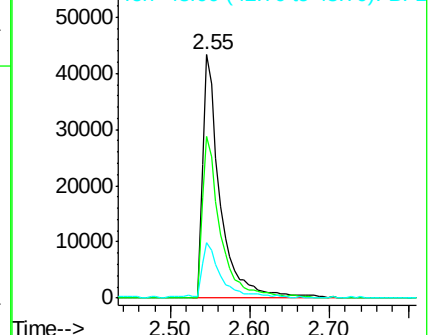
43 26.1 24.6 37.0

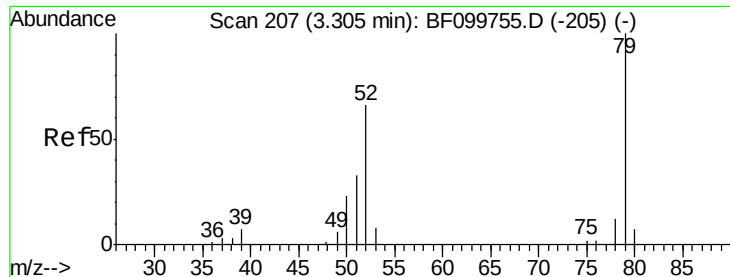


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 28.93 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.07 min

Lab File: BF100014.D

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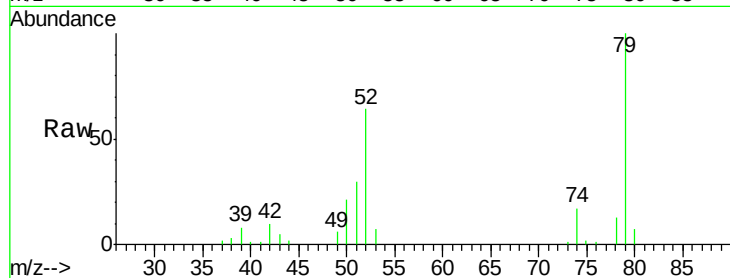
Tgt Ion: 79 Resp: 153874

Ion Ratio Lower Upper

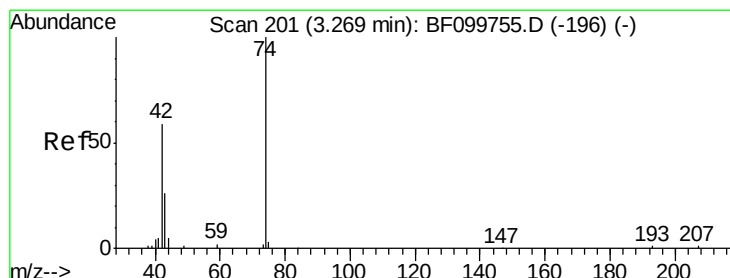
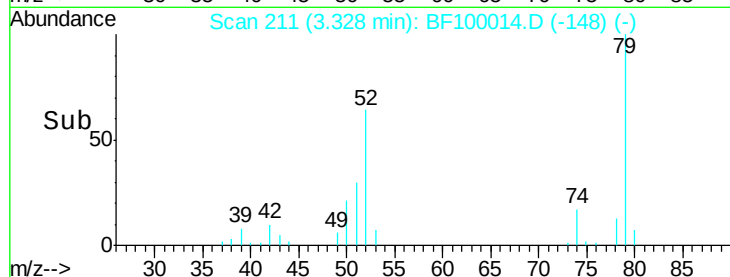
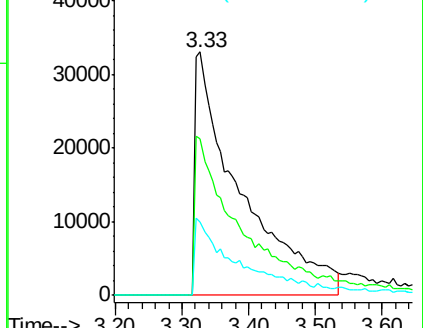
79 100

52 64.1 59.8 89.6

51 29.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.13 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.06 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

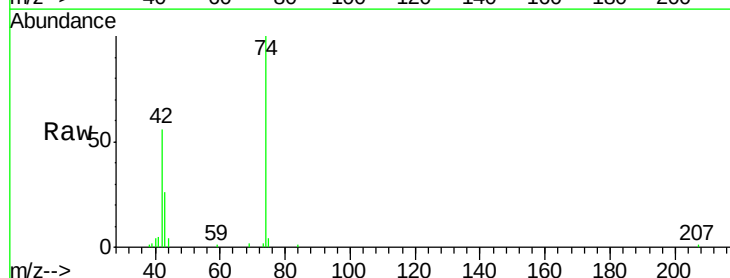
Tgt Ion: 42 Resp: 62945

Ion Ratio Lower Upper

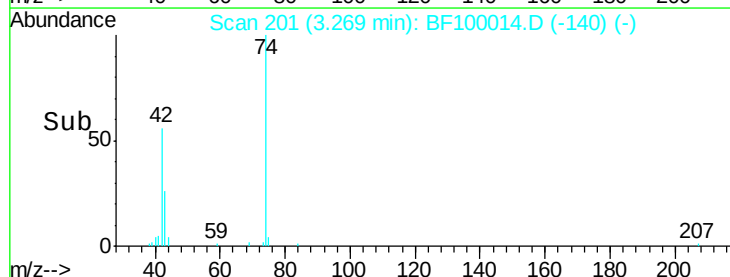
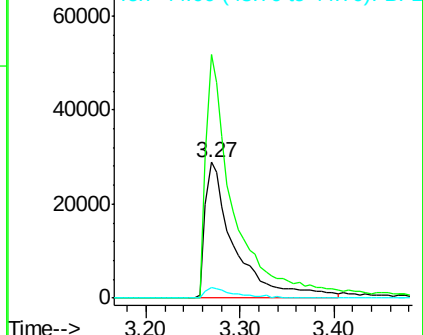
42 100

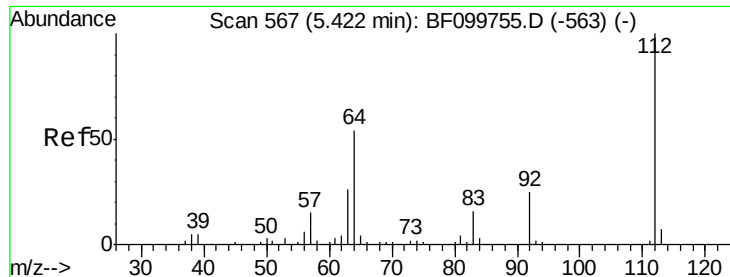
74 179.2 104.9 157.3#

44 7.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.79 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF100014.D

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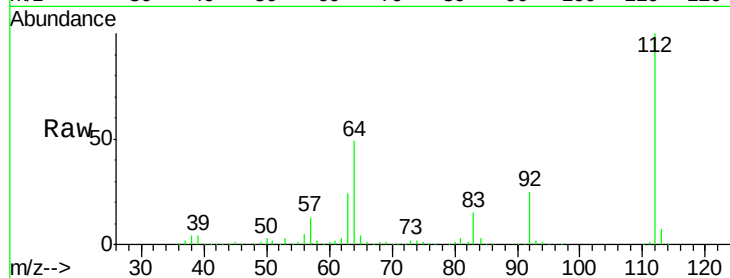
Tgt Ion: 112 Resp: 539877

Ion Ratio Lower Upper

112 100

64 49.3 47.9 71.9

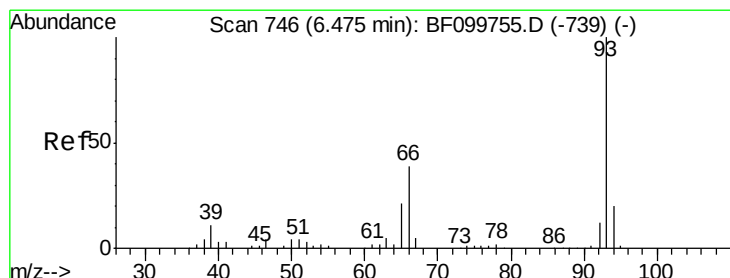
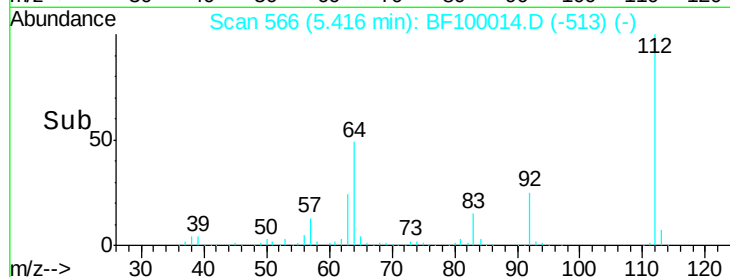
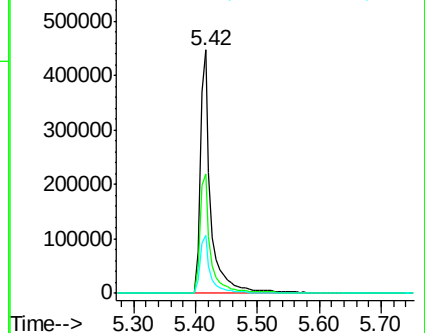
63 23.6 23.7 35.5#



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: 27.47 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

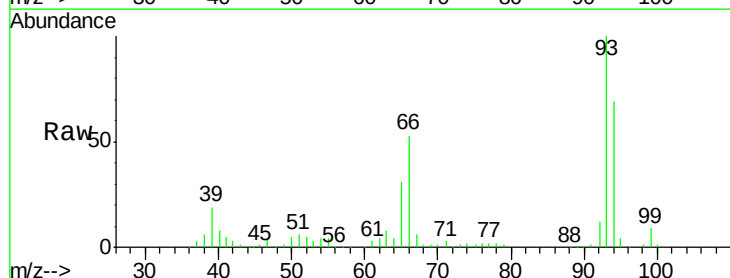
Tgt Ion: 93 Resp: 211491

Ion Ratio Lower Upper

93 100

66 53.5 32.2 48.2#

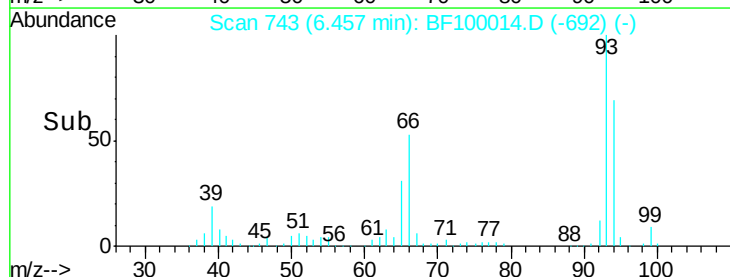
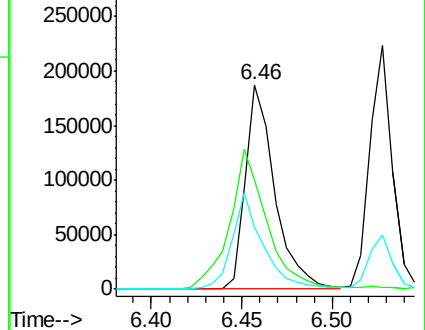
65 30.5 16.4 24.6#

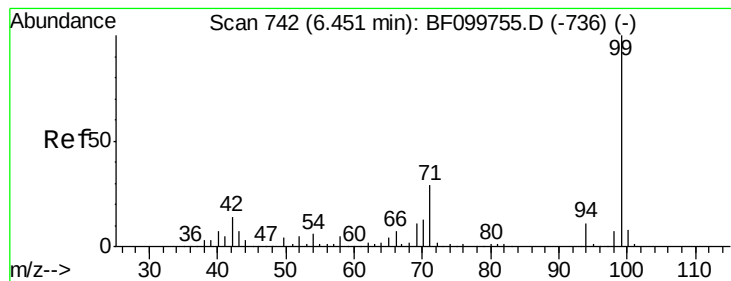


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.65 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

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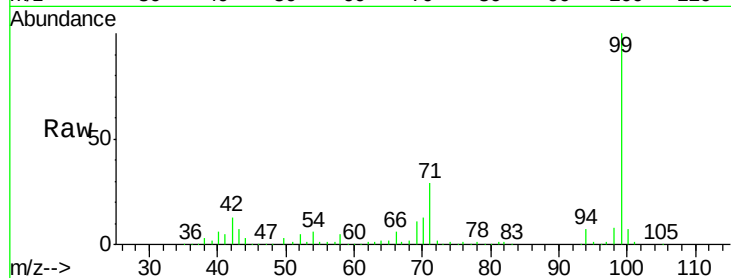
Tgt Ion: 99 Resp: 633362

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

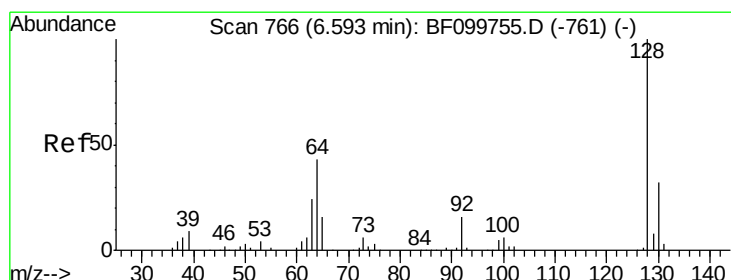
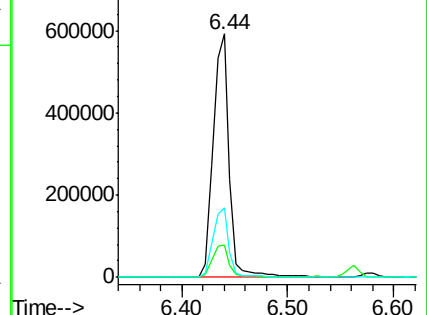
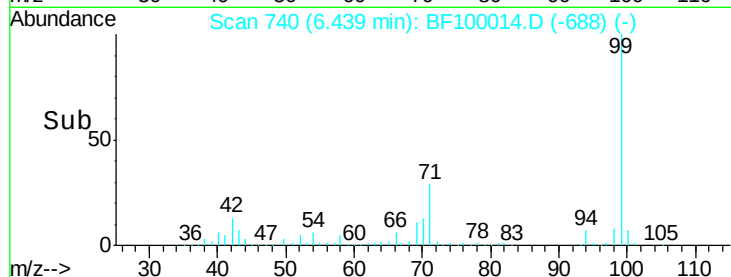
71 28.5 25.4 38.0



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: 40.12 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

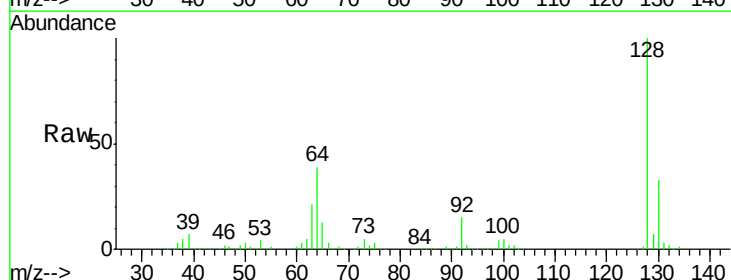
Tgt Ion: 128 Resp: 214171

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

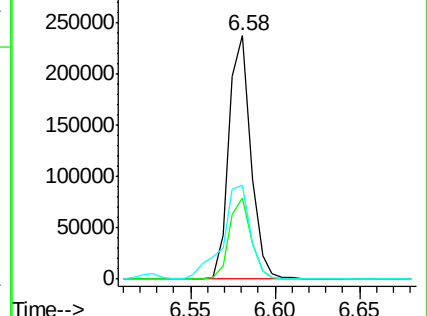
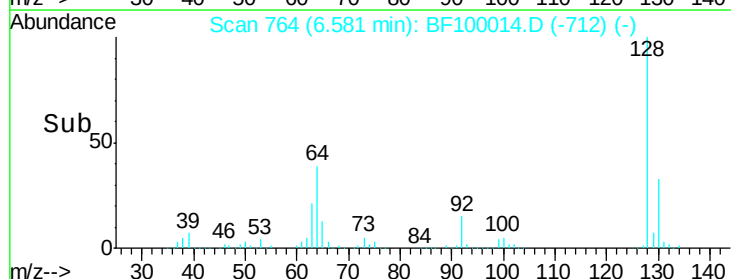
64 38.5 29.4 69.4

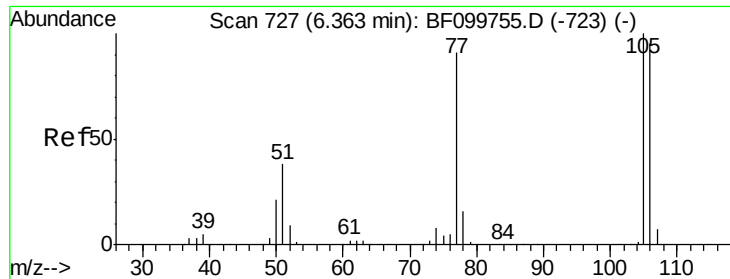


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

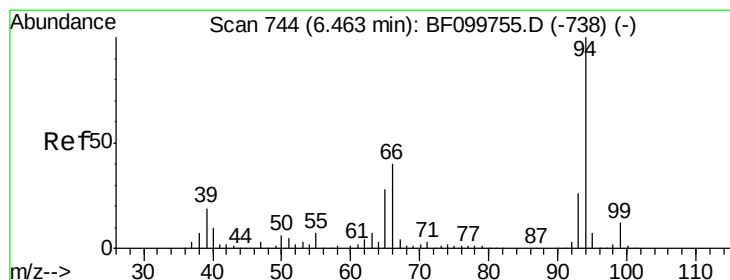
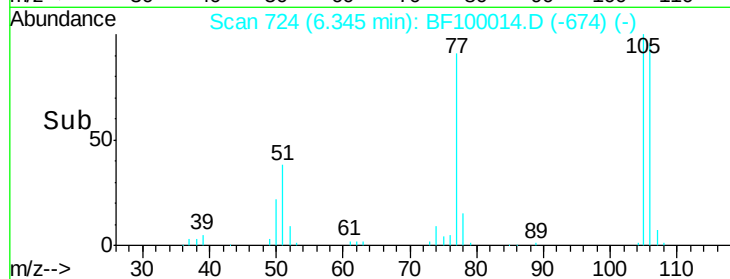
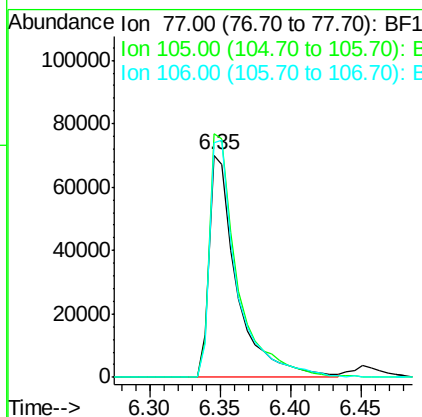
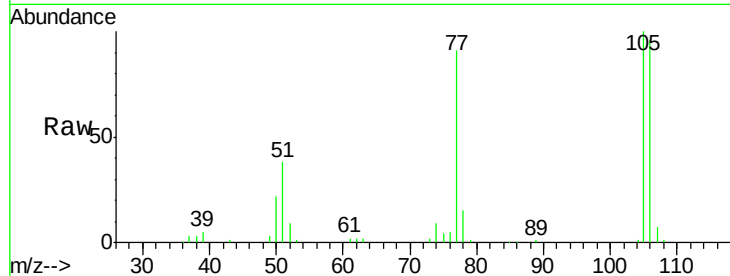




#9
Benzaldehyde
Concen: 27.18 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

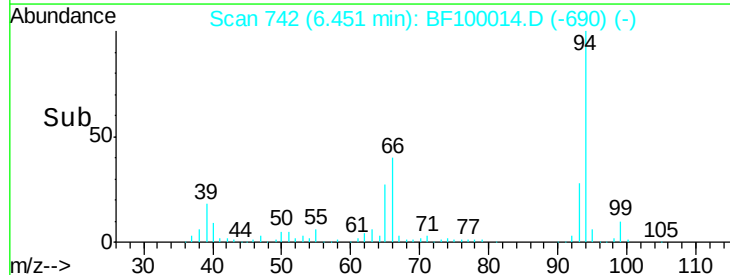
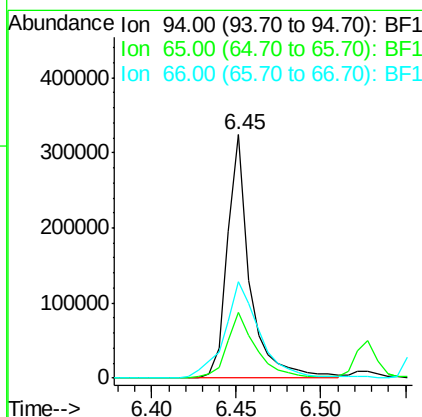
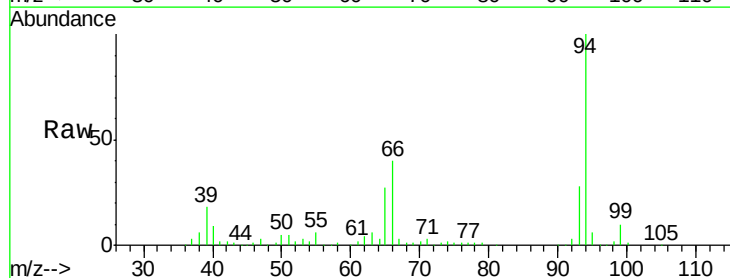
Instrument :
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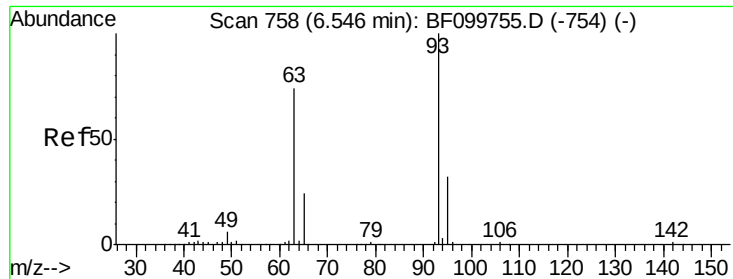
Tgt Ion: 77 Resp: 96440
Ion Ratio Lower Upper
77 100
105 109.8 81.1 121.1
106 105.6 74.5 114.5



#10
Phenol
Concen: 46.00 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

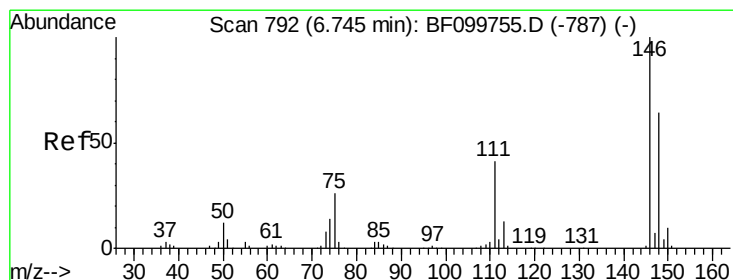
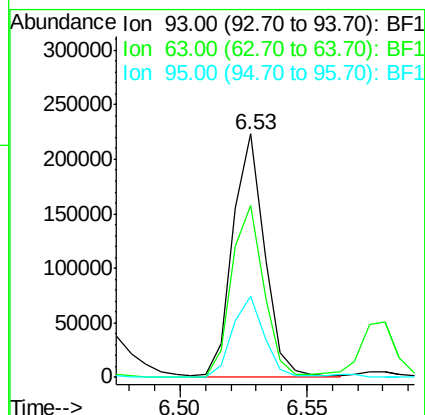
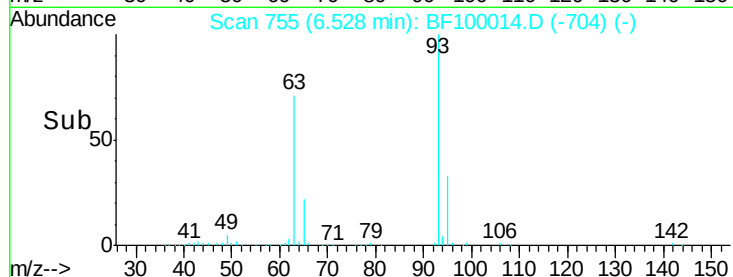
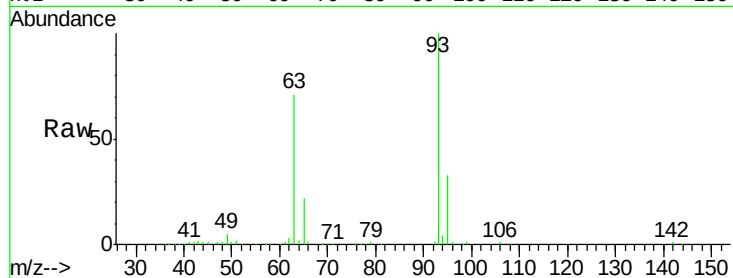




#11
bis(2-Chloroethyl)ether
Concen: 38.81 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

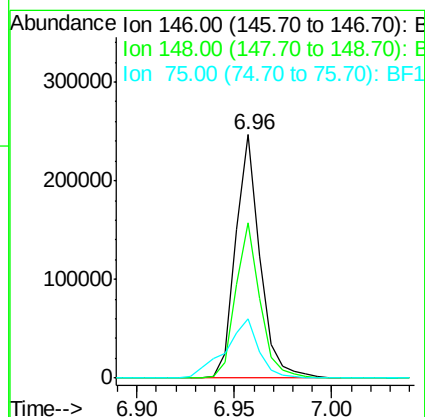
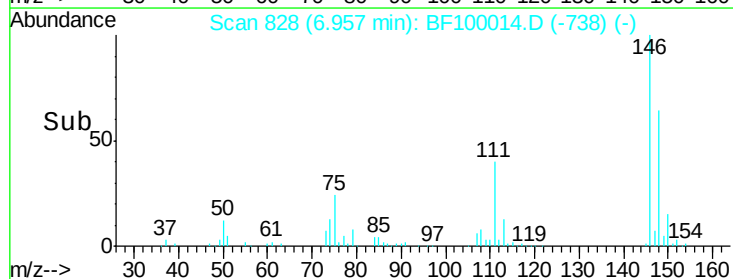
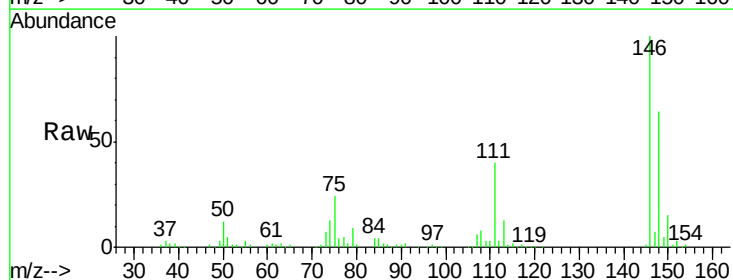
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

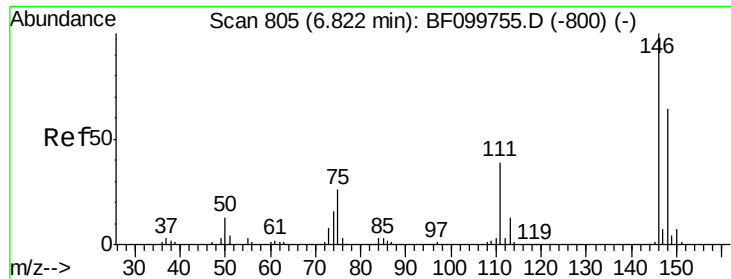
Tgt Ion: 93 Resp: 195393
Ion Ratio Lower Upper
93 100
63 70.8 58.6 98.6
95 33.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.65 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

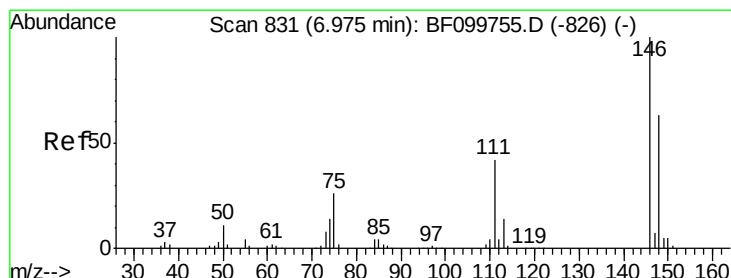
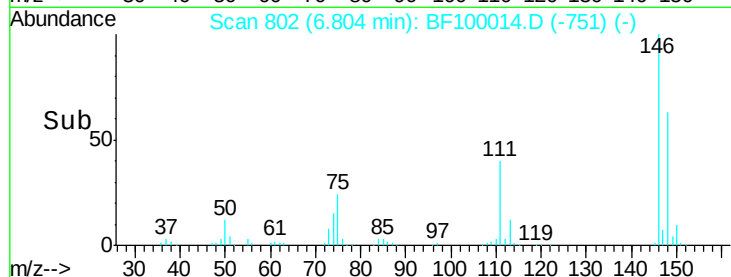
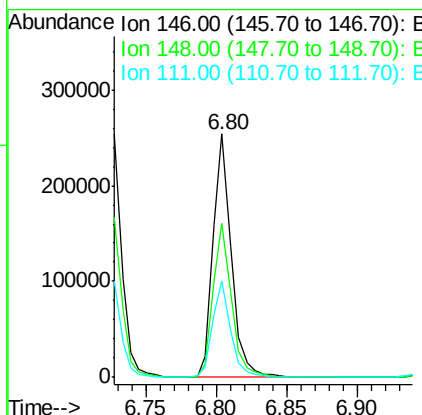
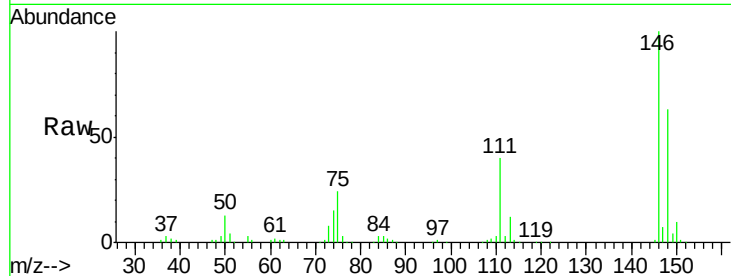




#13
 1,4-Dichlorobenzene
 Concen: 37.66 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

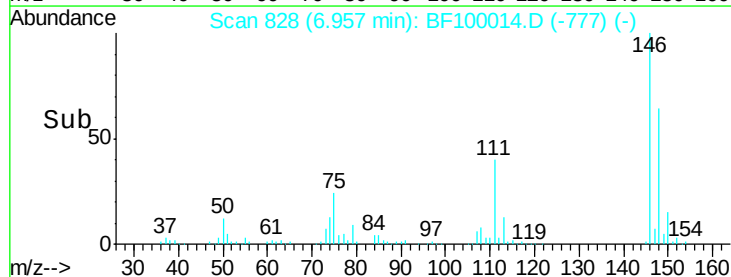
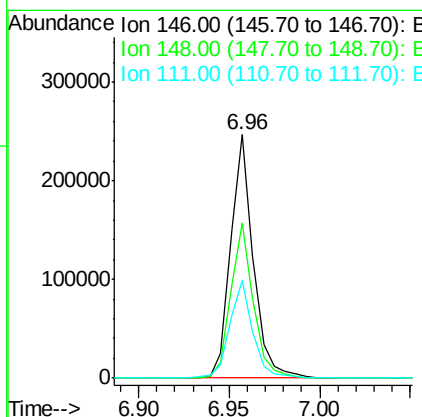
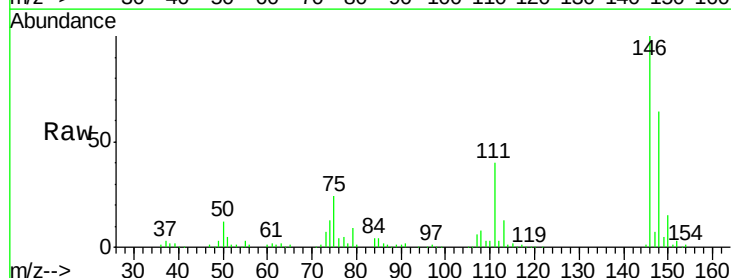
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

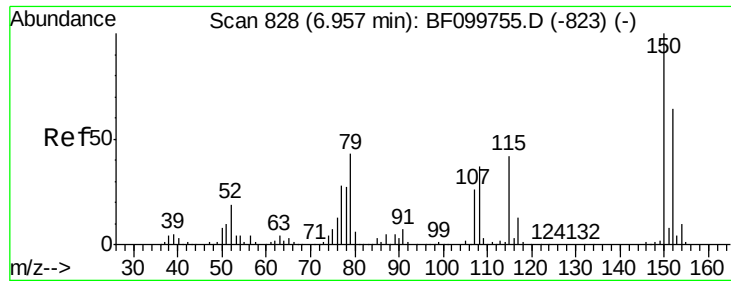
Tgt Ion:146 Resp: 229055
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 39.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.54 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

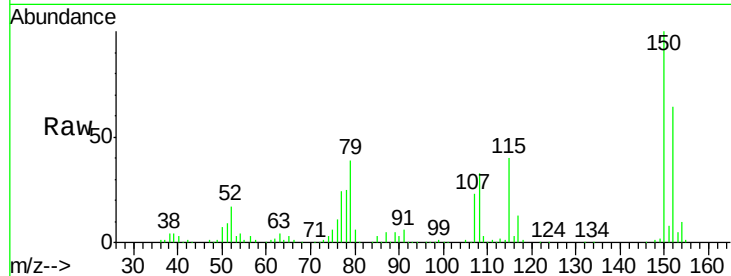




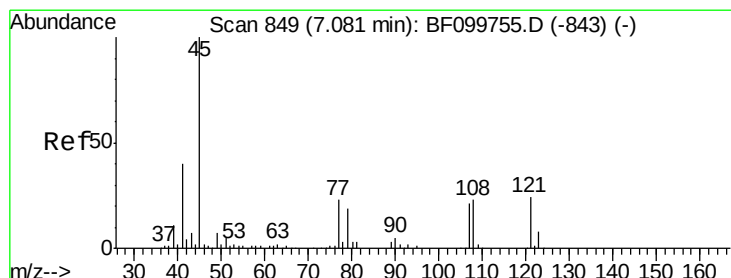
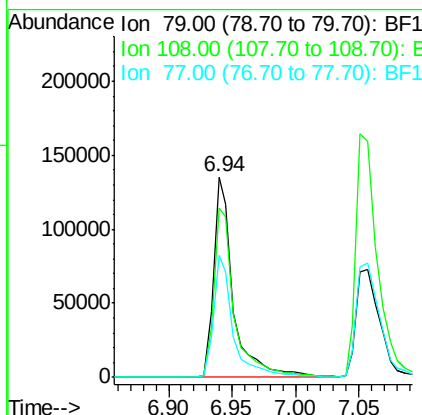
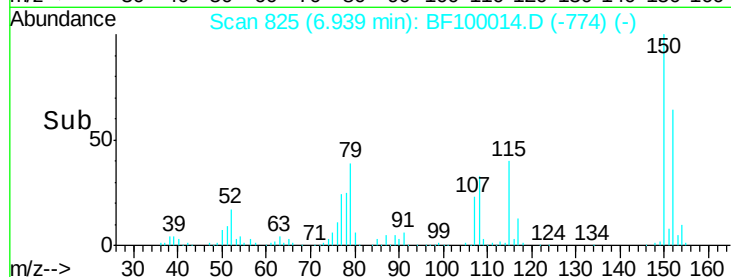
#15
Benzyl Alcohol
Concen: 39.67 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

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

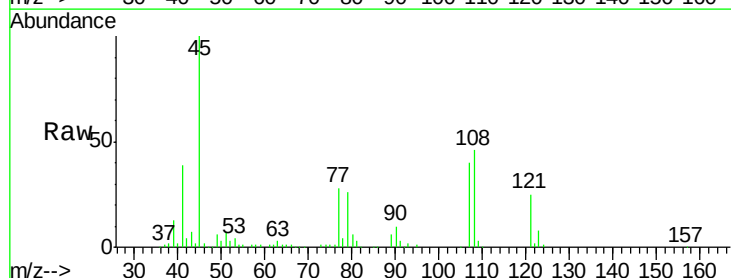


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

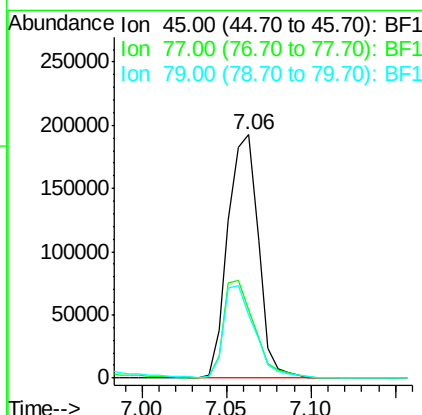
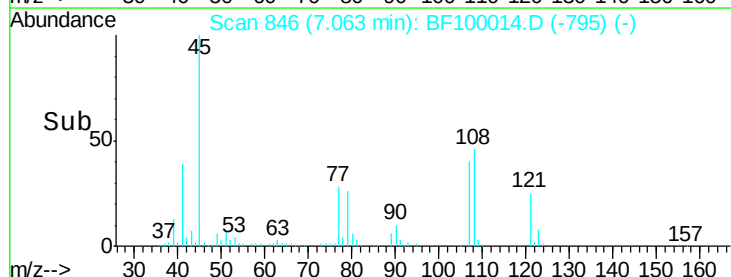


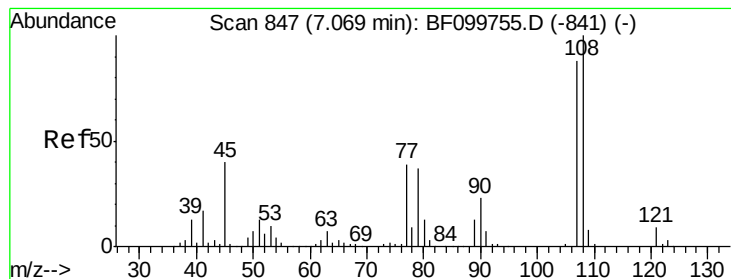
#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.33 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

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: 38.32 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 :

EPE-120-3(20-22)MSD

Tgt Ion:107 Resp: 171082

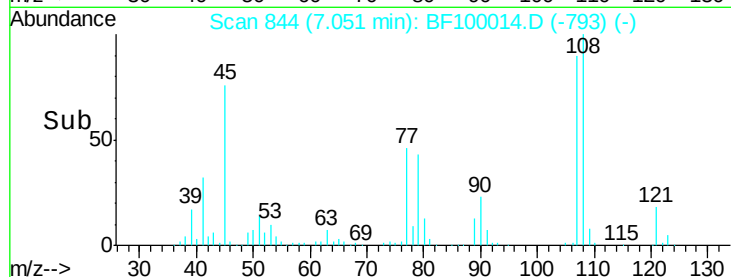
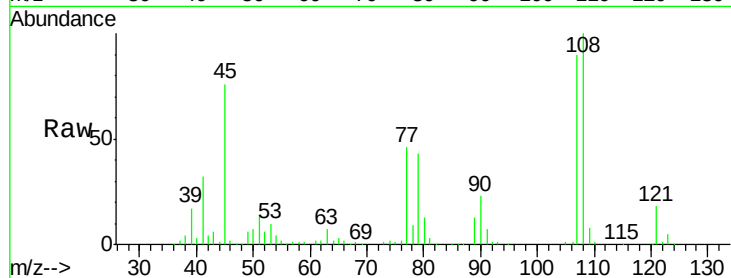
Ion Ratio Lower Upper

107 100

108 110.9 91.7 137.5

77 50.5 33.8 50.8

79 47.8 33.8 50.8

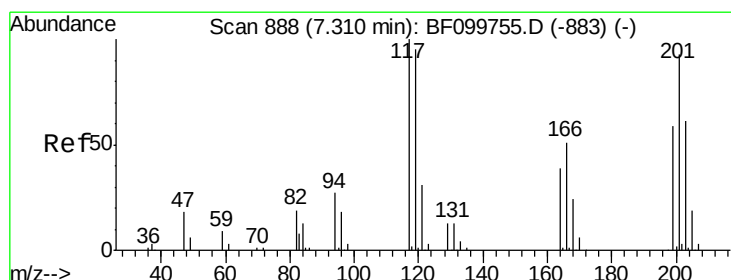
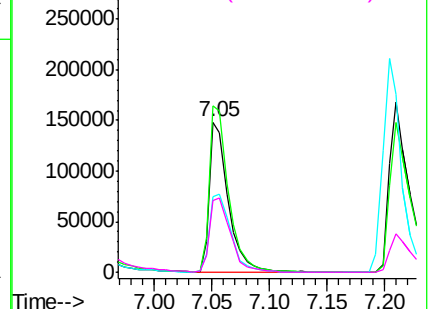


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 35.55 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

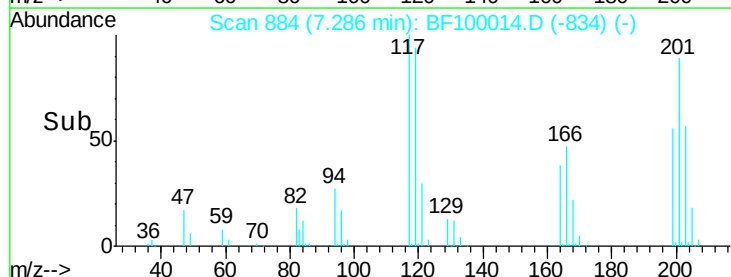
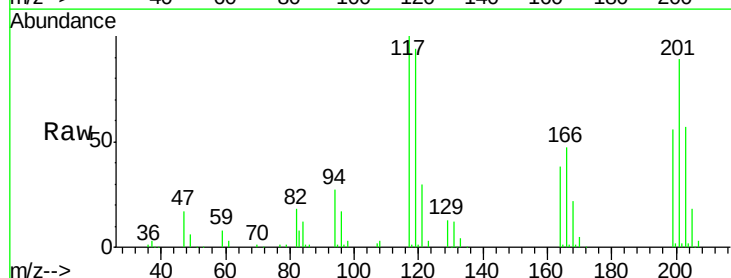
Tgt Ion:117 Resp: 72155

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

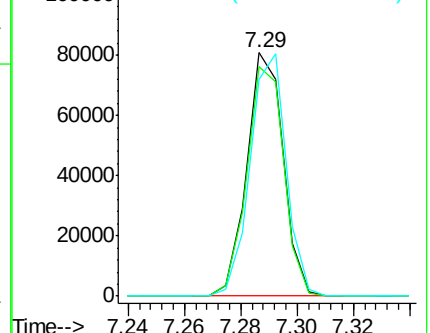
201 89.2 75.7 113.5

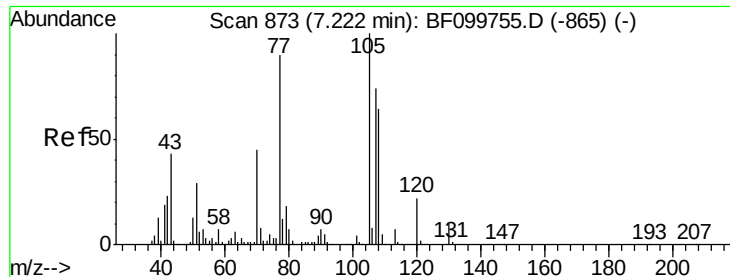


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

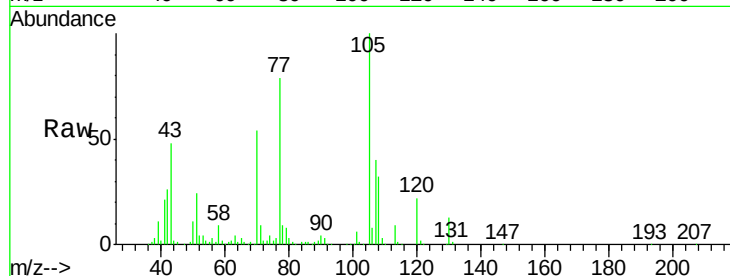




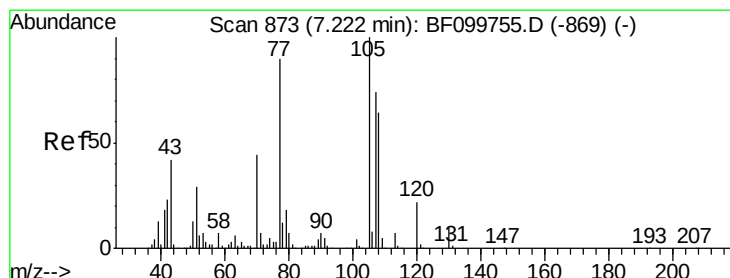
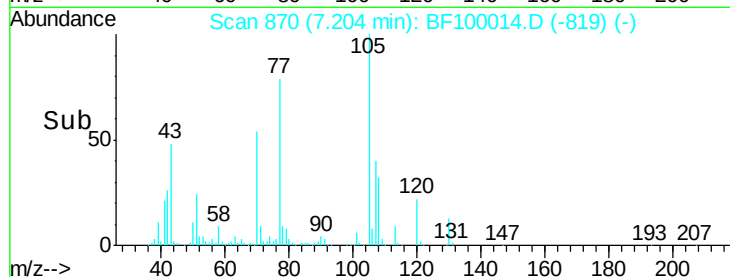
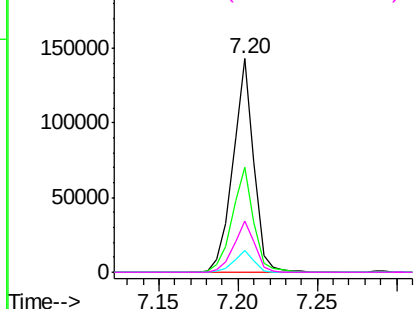
#19
n-Nitroso-di-n-propylamine
Concen: 37.37 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tgt 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



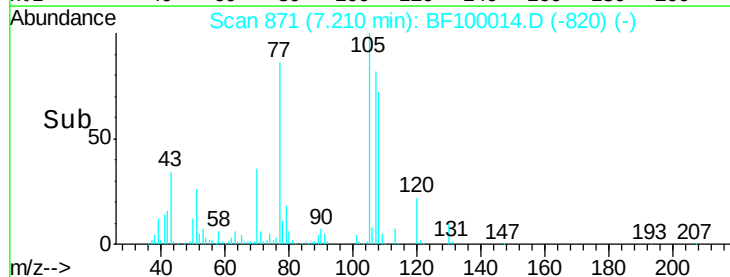
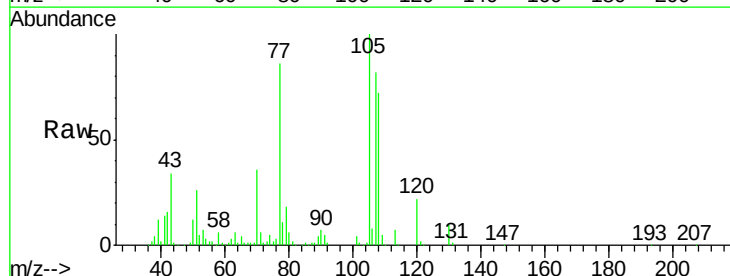
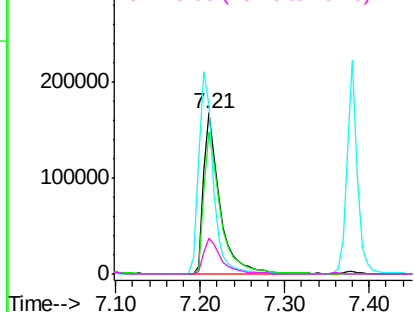
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

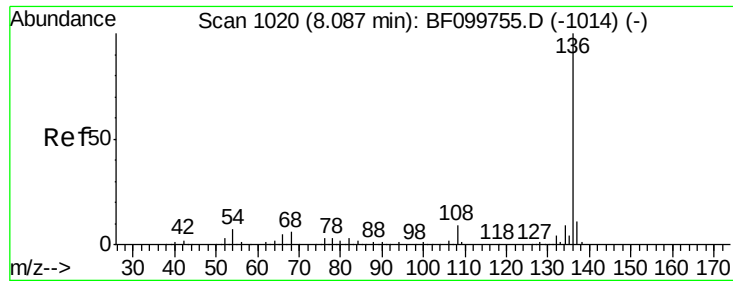


#20
3+4-Methylphenols
Concen: 43.43 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

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

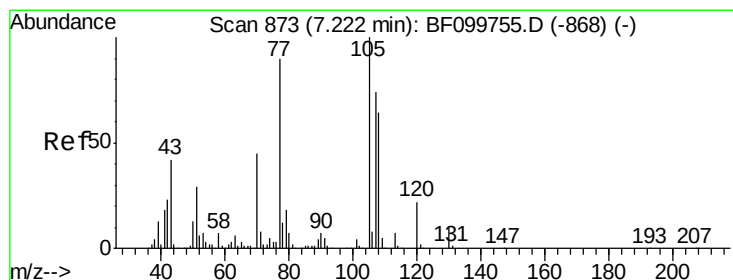
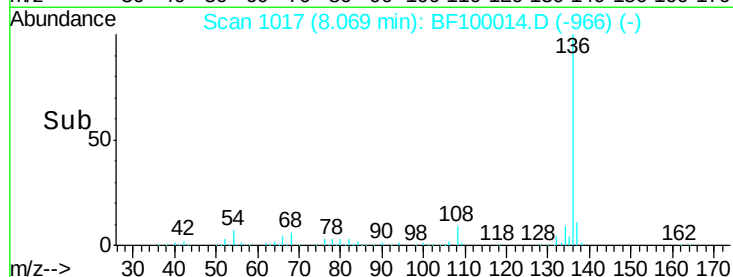
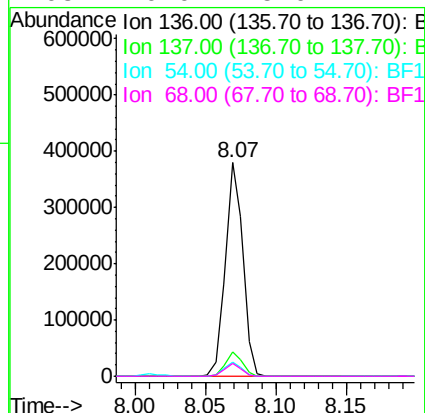
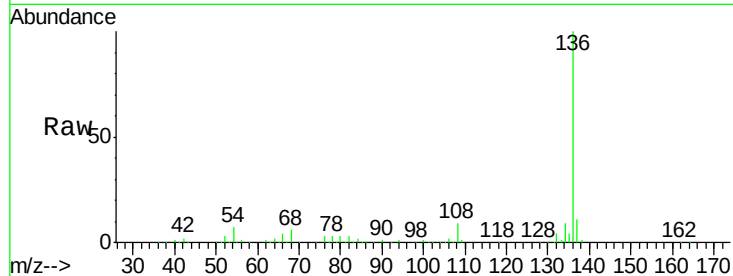




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

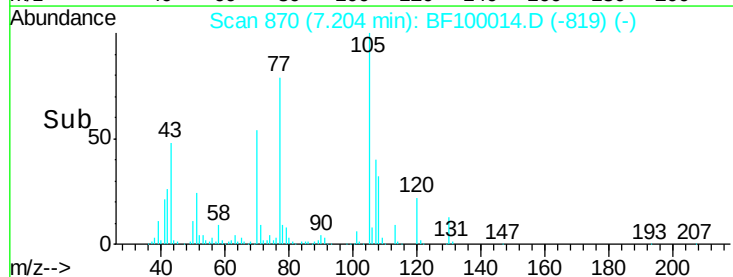
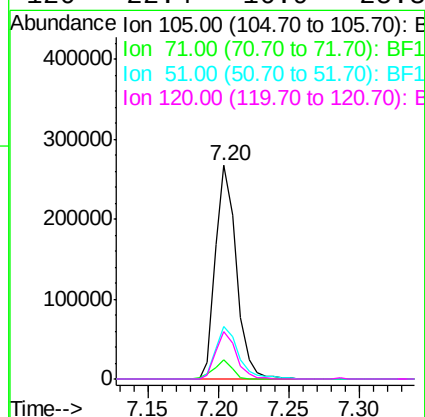
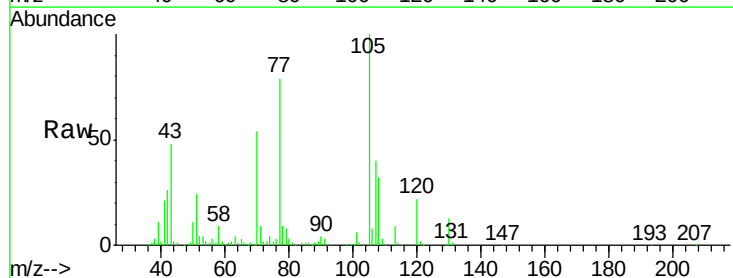
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

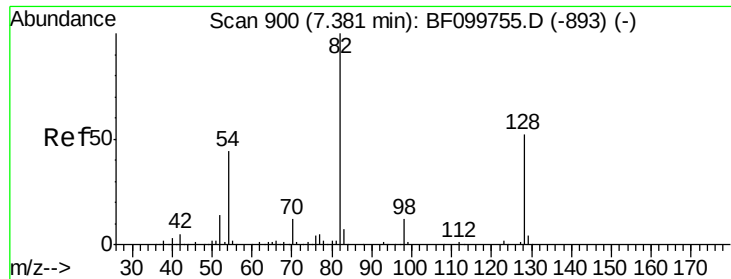
Tgt Ion:	136	Resp:	327753
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4



#22
Acetophenone
Concen: 37.02 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

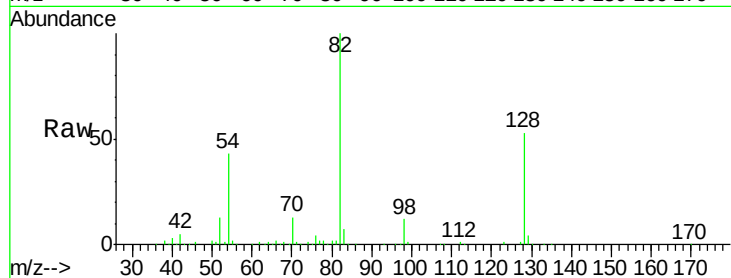




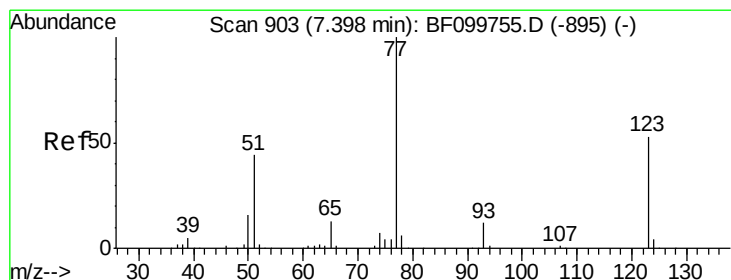
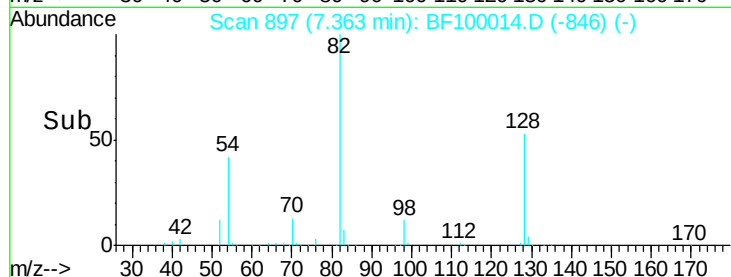
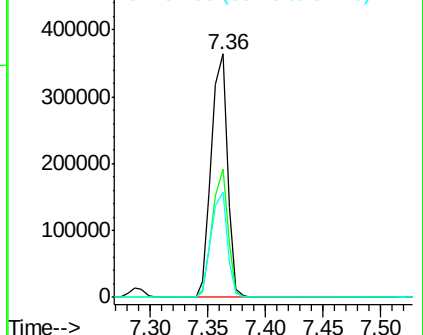
#23
 Nitrobenzene-d5
 Concen: 70.67 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tgt Ion: 82 Resp: 359747
 Ion Ratio Lower Upper
 82 100
 128 52.6 36.1 54.1
 54 43.0 41.4 62.2

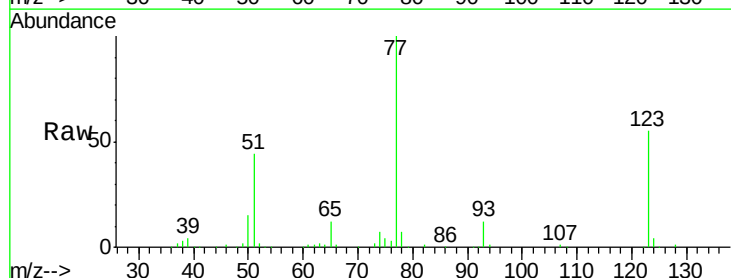


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

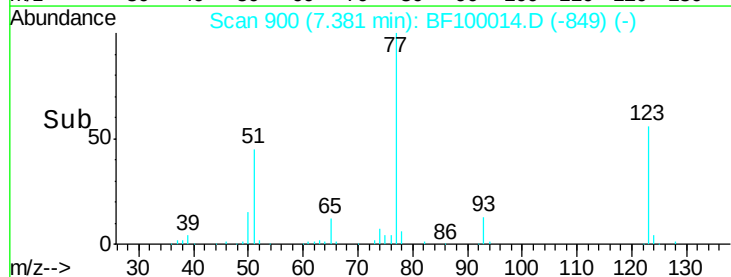
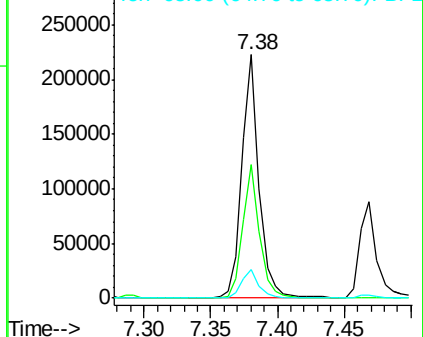


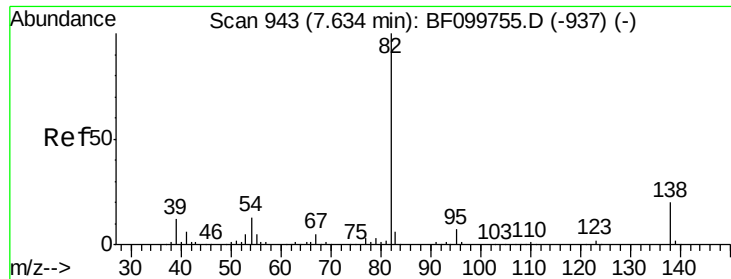
#24
 Nitrobenzene
 Concen: 38.64 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

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

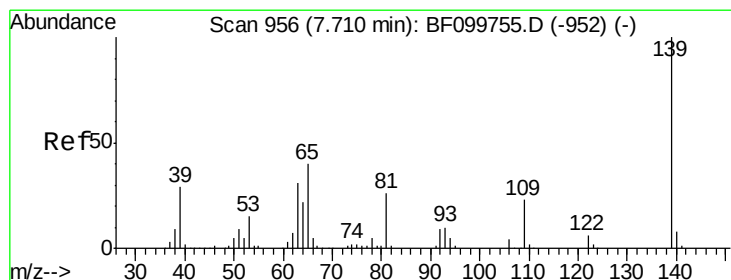
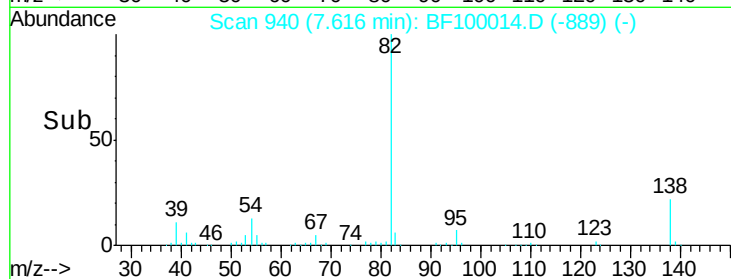
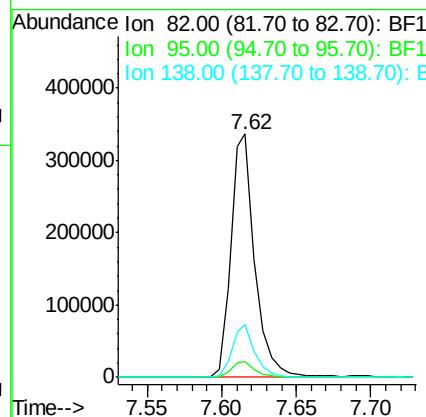
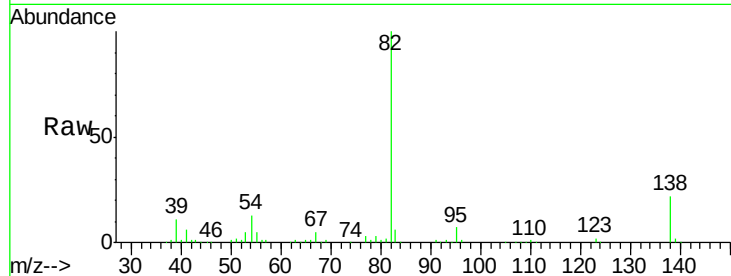




#25
Isophorone
Concen: 41.23 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

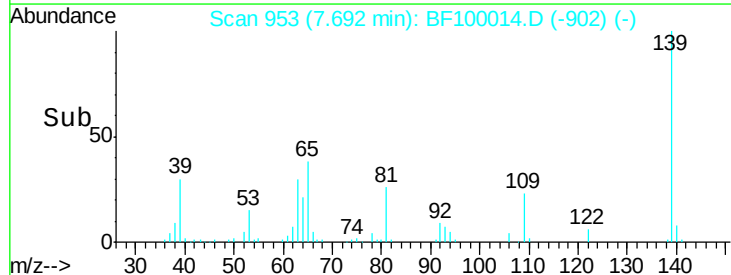
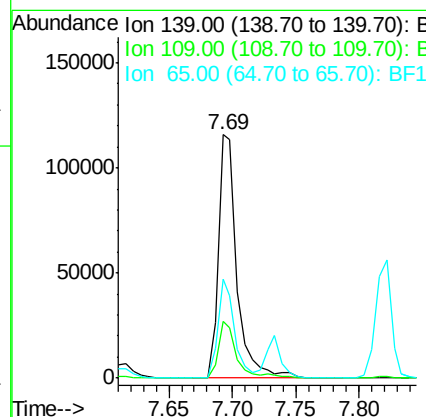
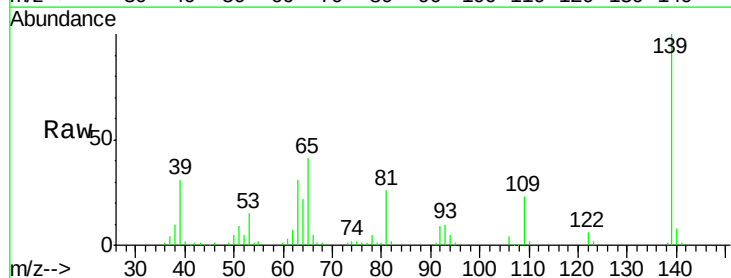
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

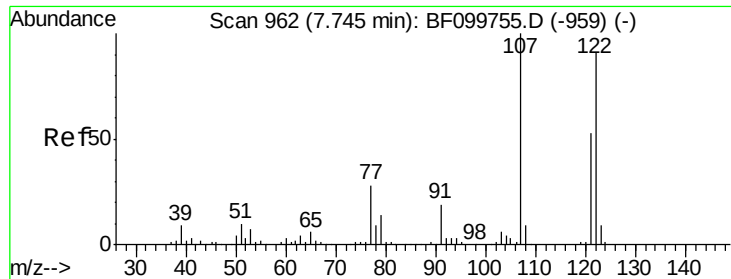
Tgt Ion: 82 Resp: 380887
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 21.5 14.9 22.3



#26
2-Nitrophenol
Concen: 40.99 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

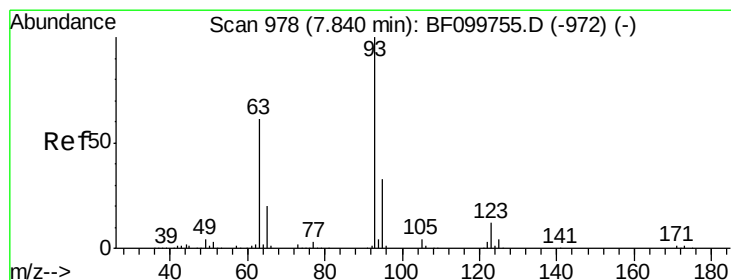
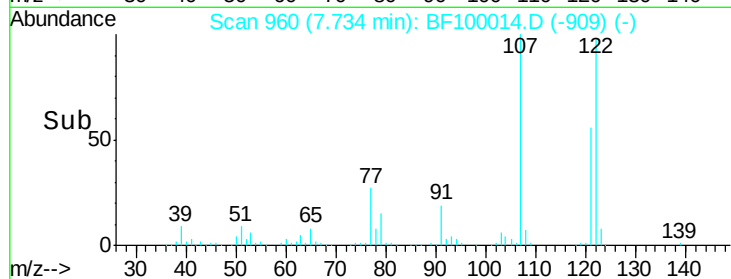
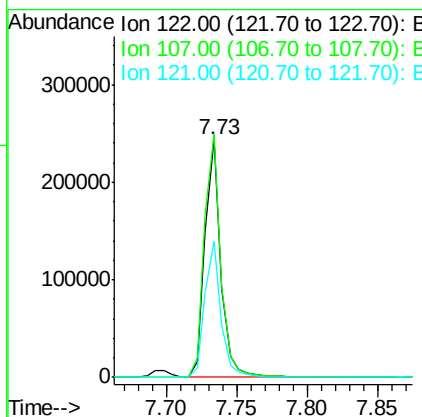
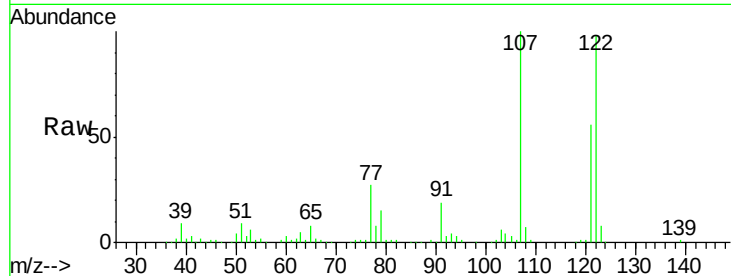




#27
 2,4-Dimethylphenol
 Concen: 44.53 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

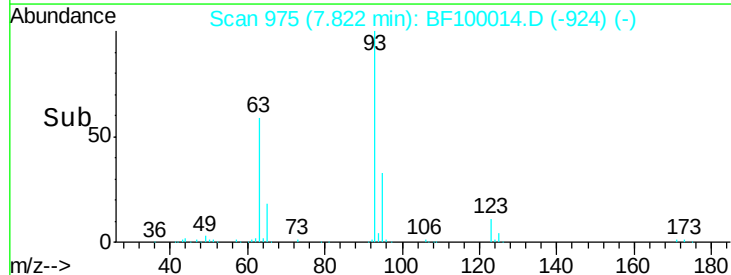
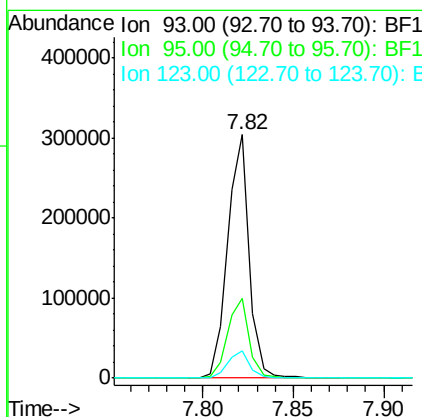
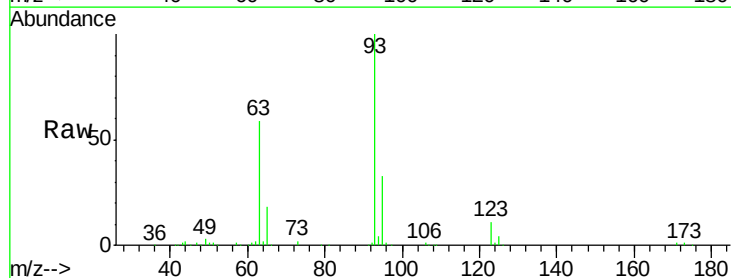
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

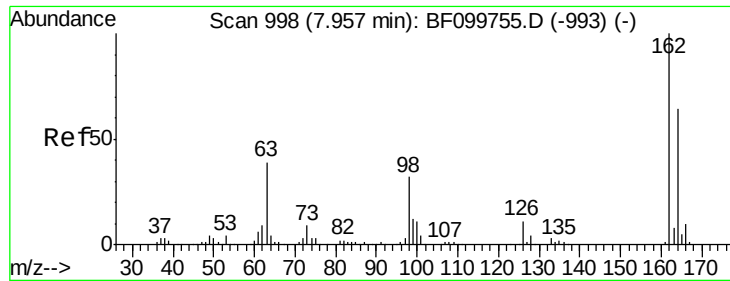
Tgt Ion: 122 Resp: 192777
 Ion Ratio Lower Upper
 122 100
 107 102.2 91.2 136.8
 121 57.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.85 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

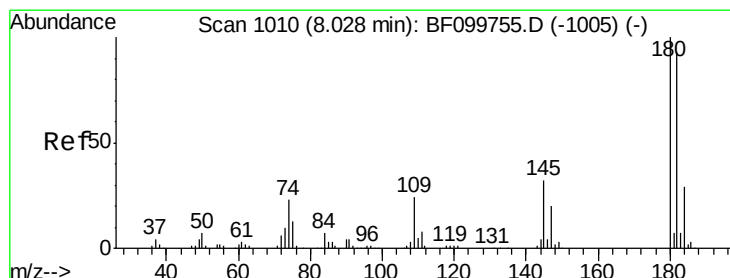
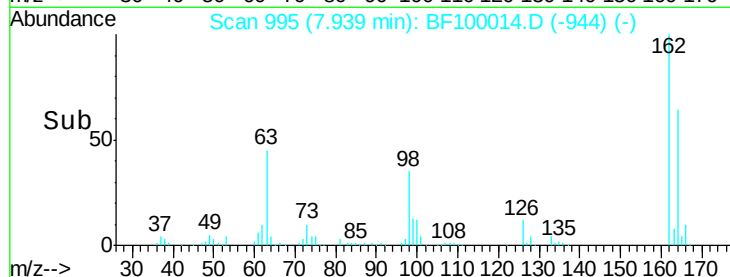
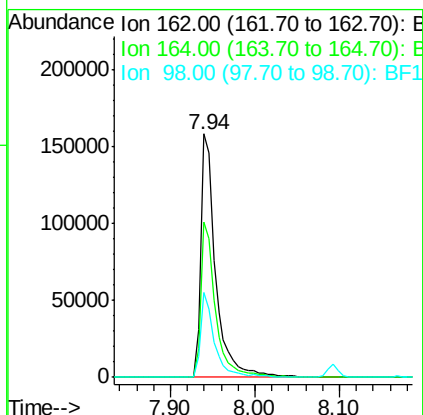
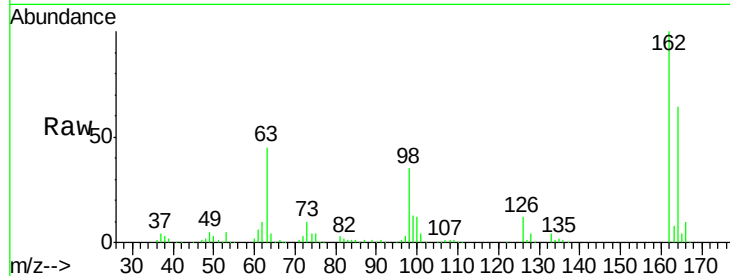




#29
 2,4-Dichlorophenol
 Concen: 42.60 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

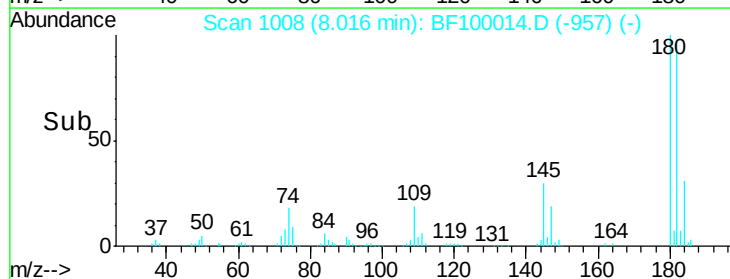
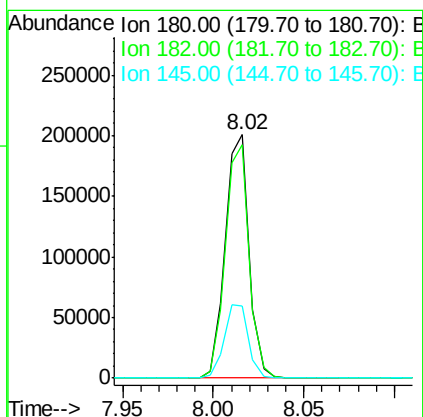
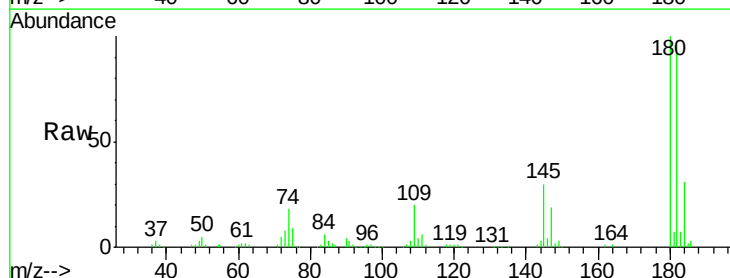
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

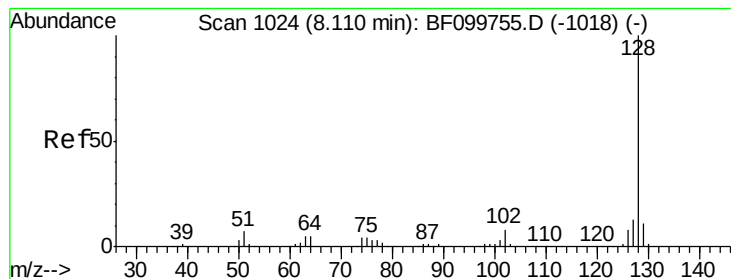
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	34.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.35 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





#31

Naphthalene

Concen: 37.86 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

ClientSampleId :

EPE-120-3(20-22)MSD

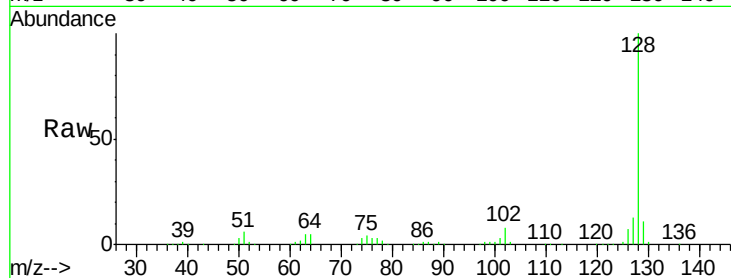
Tgt Ion:128 Resp: 599009

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

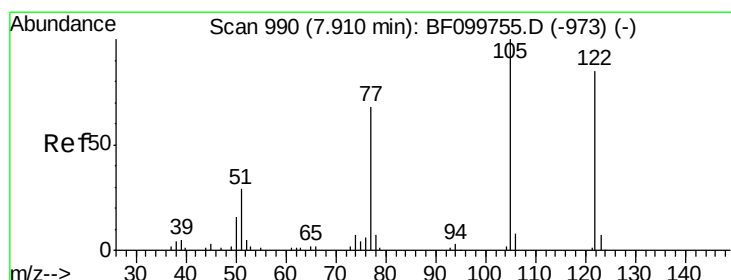
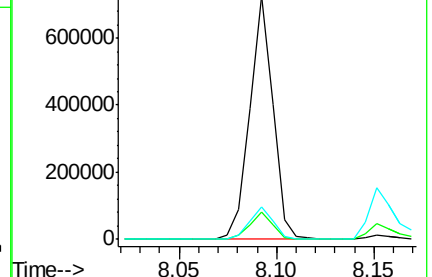
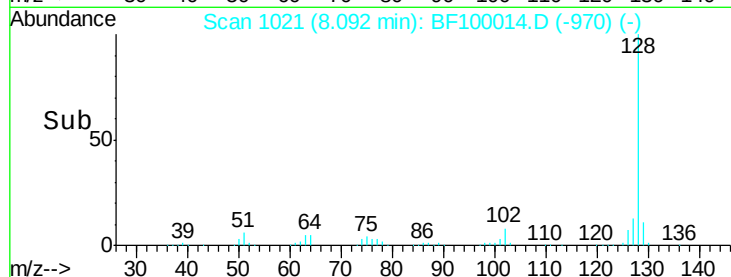
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.59 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.16 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

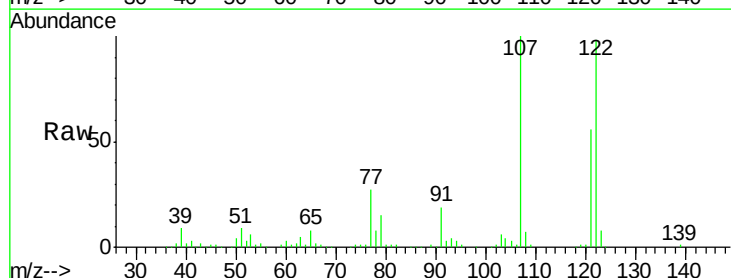
Tgt Ion:122 Resp: 192777

Ion Ratio Lower Upper

122 100

105 3.2 101.1 141.1#

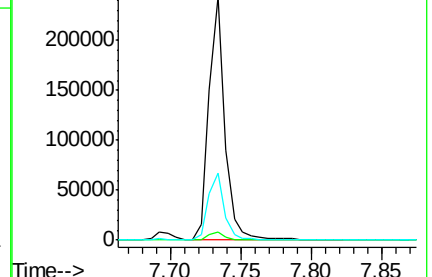
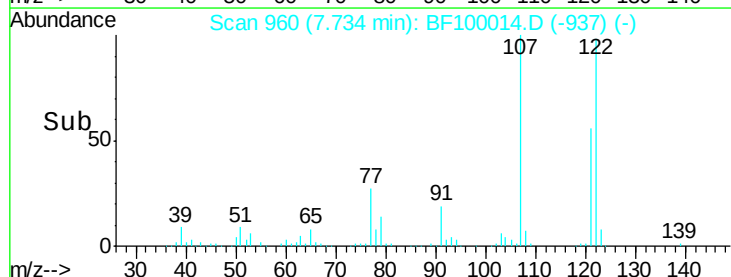
77 27.6 70.7 110.7#

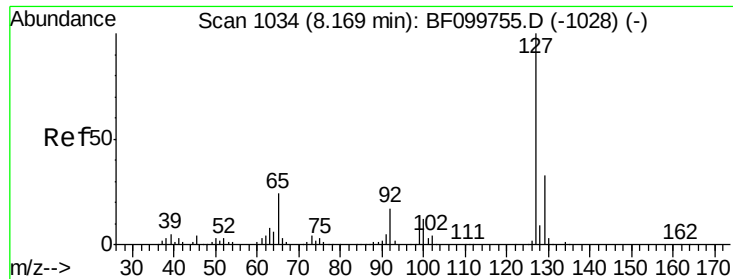


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

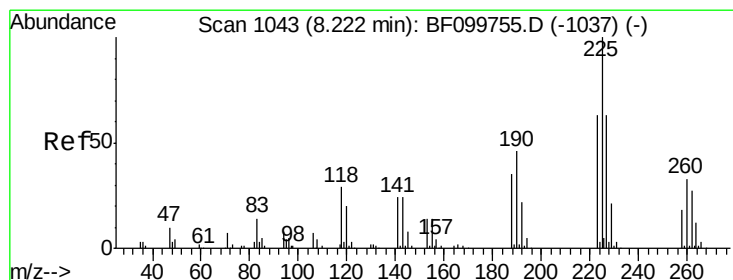
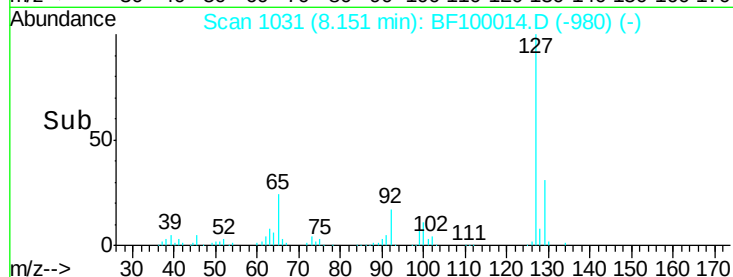
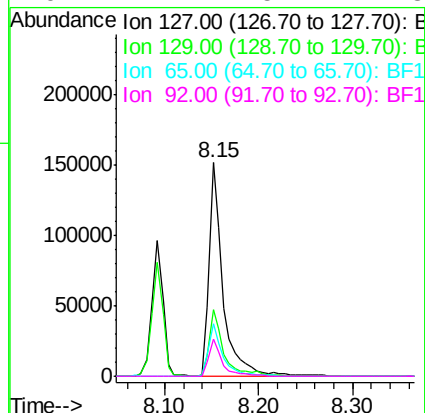
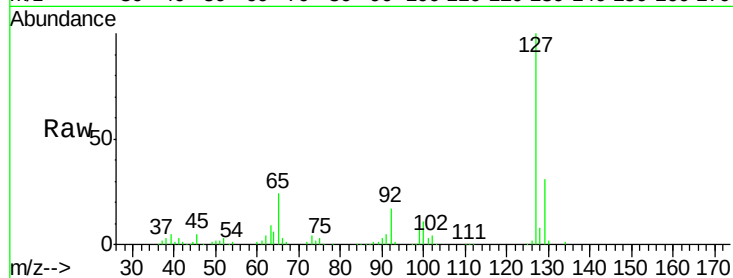




#33
4-Chloroaniline
Concen: 24.17 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

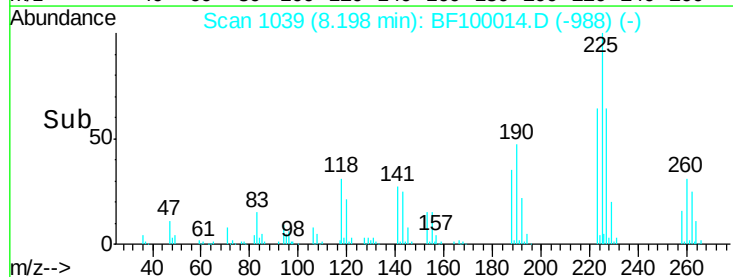
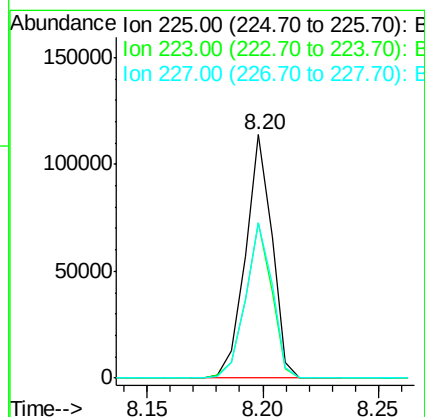
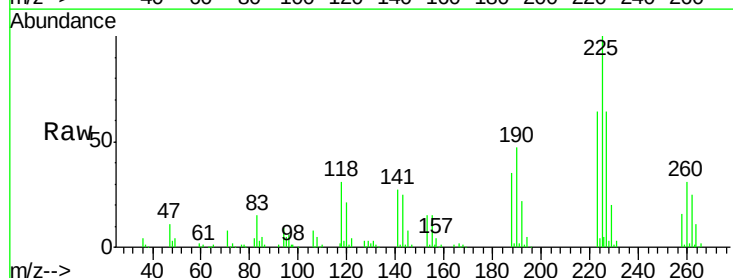
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

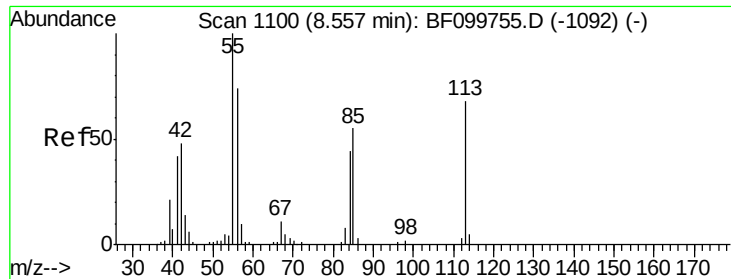
Tgt Ion:	127	Resp:	157906
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	24.4	25.0	37.4
92	17.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.06 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

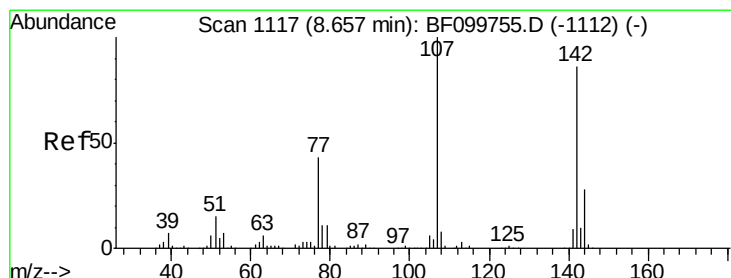
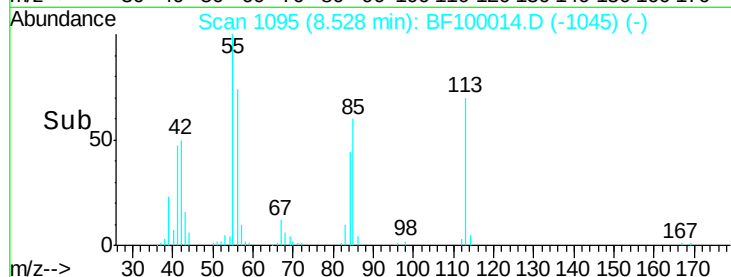
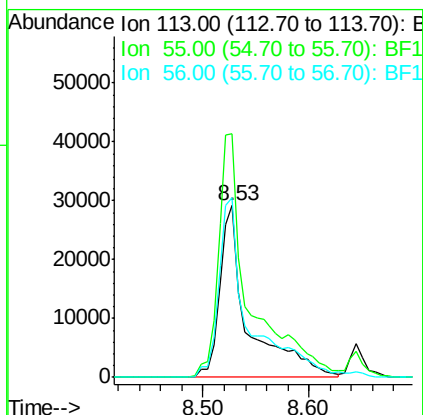
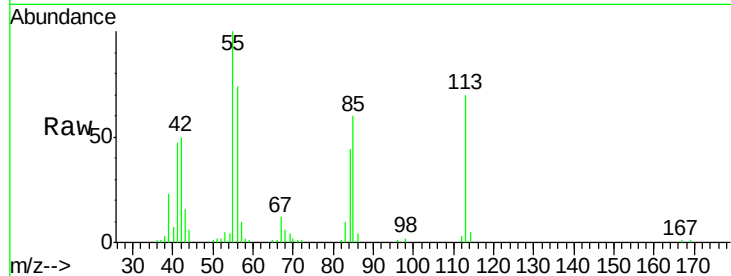




#35
 Caprolactam
 Concen: 39.50 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

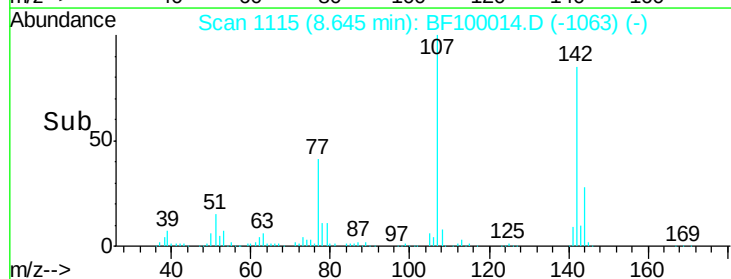
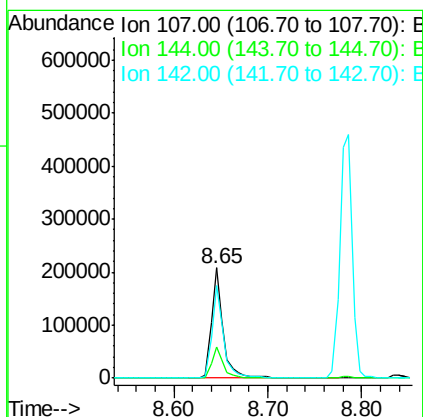
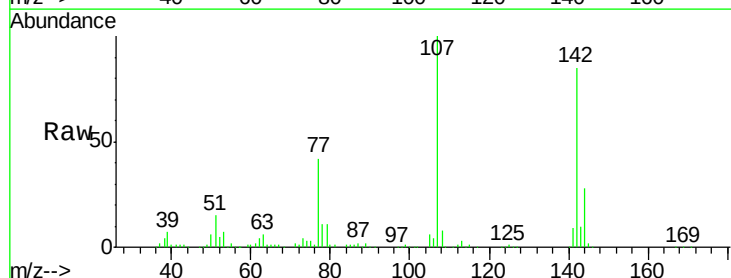
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

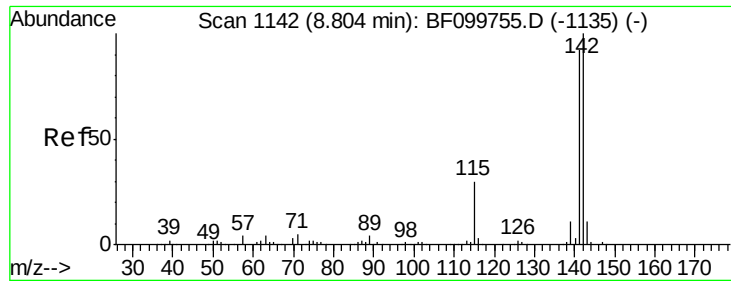
Tgt Ion:113 Resp: 55858
 Ion Ratio Lower Upper
 113 100
 55 142.0 163.3 203.3#
 56 104.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.05 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

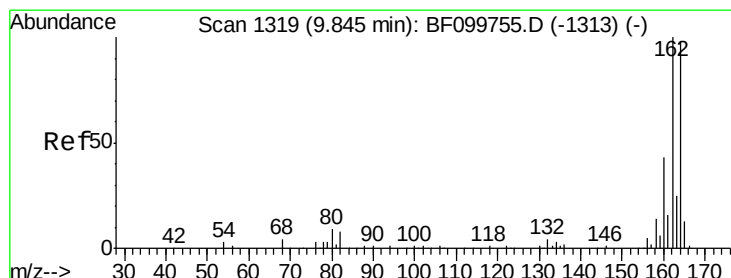
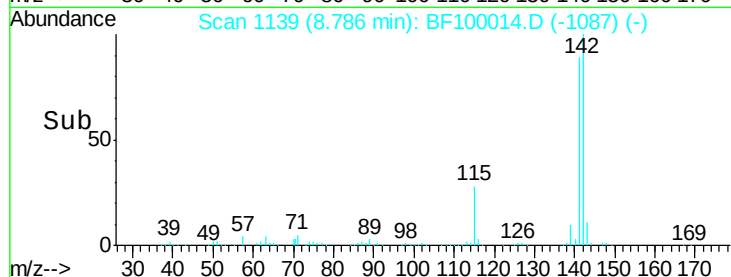
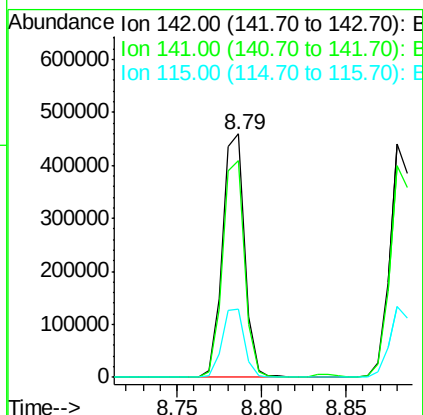
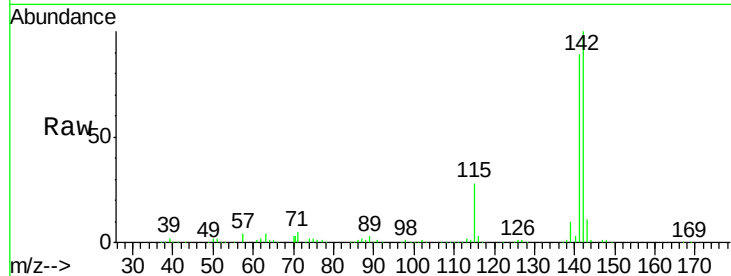




#37
 2-Methylnaphthalene
 Concen: 39.64 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

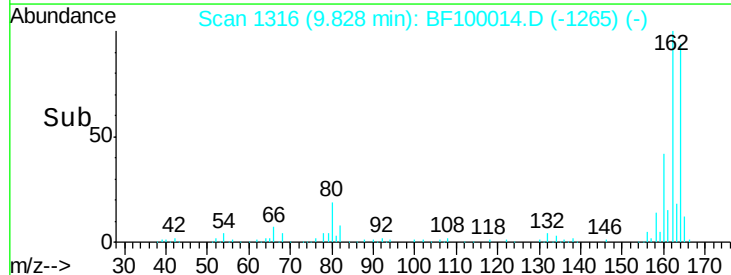
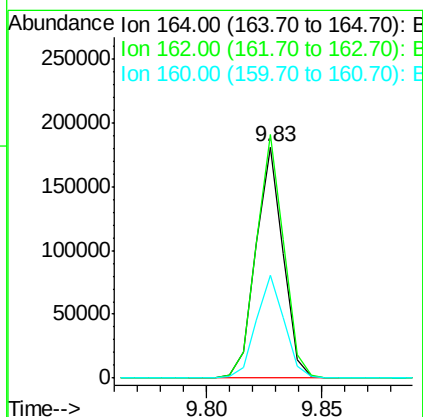
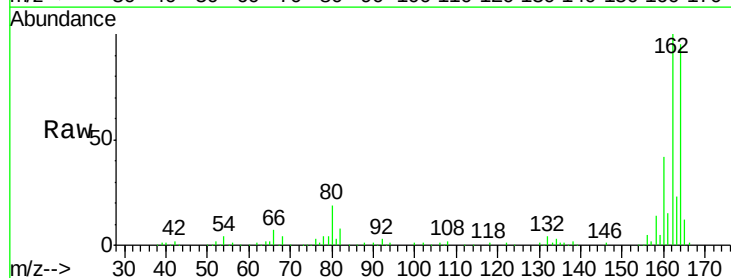
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

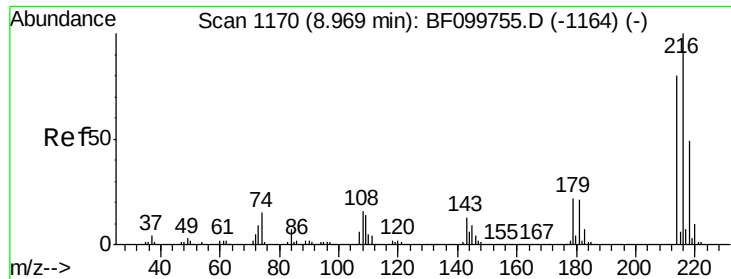
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	28.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.00 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	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	44.5	38.3	57.5

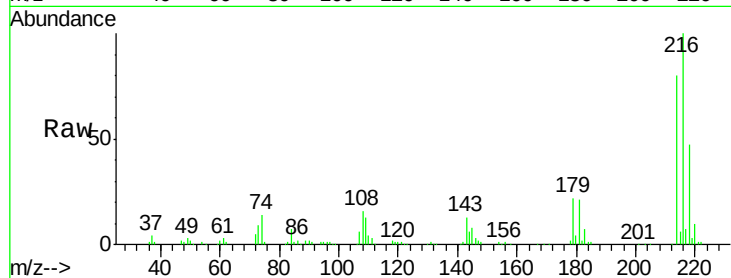




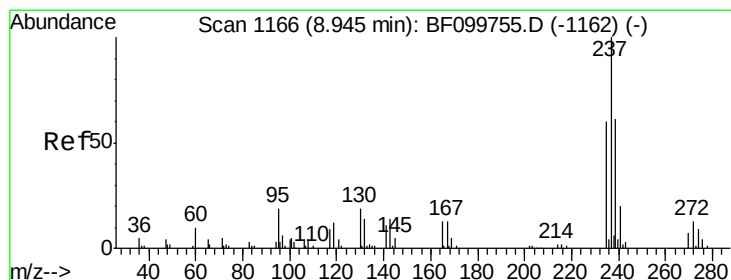
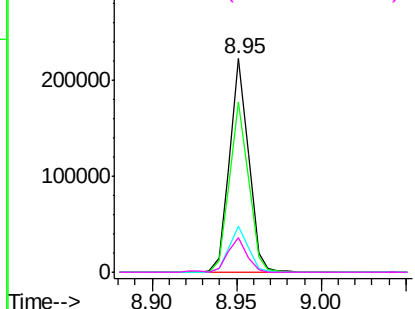
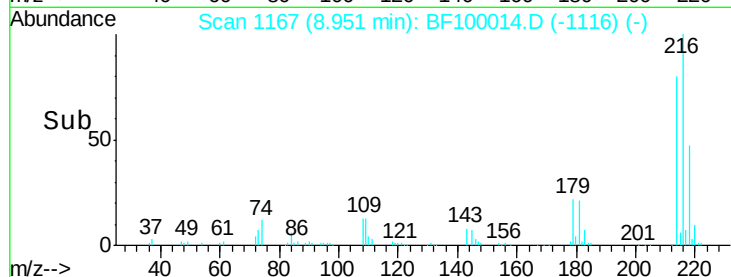
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.05 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tgt 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#

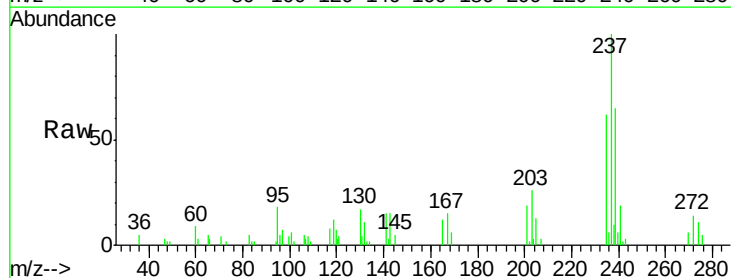


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

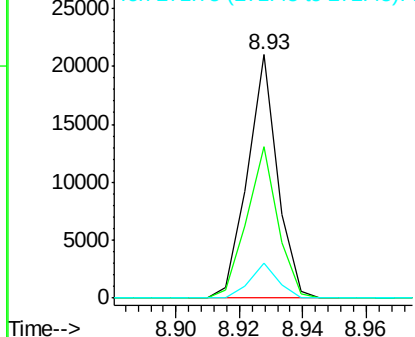
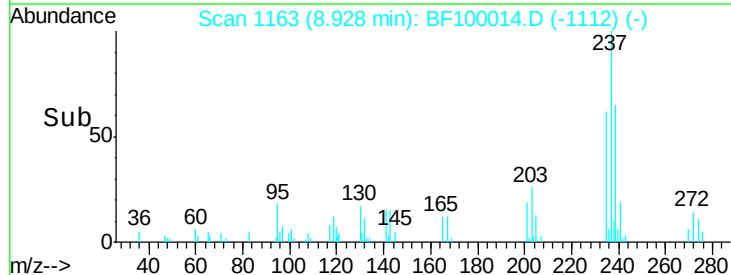


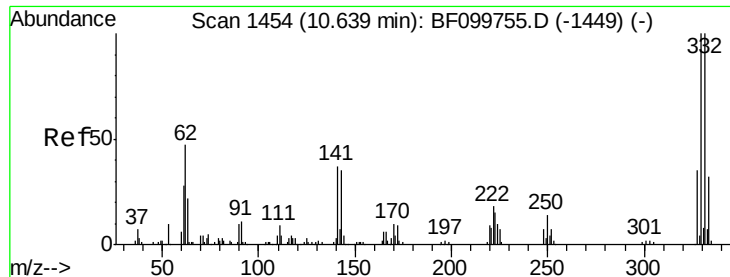
#40
 Hexachlorocyclopentadiene
 Concen: 25.48 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

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

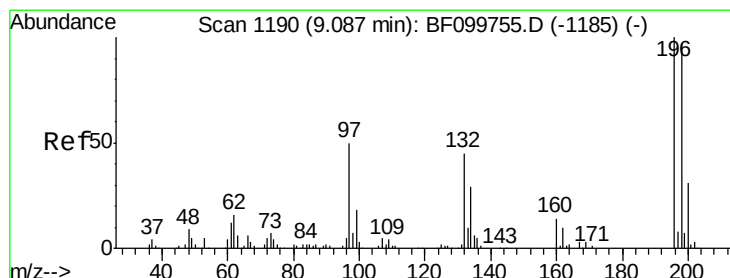
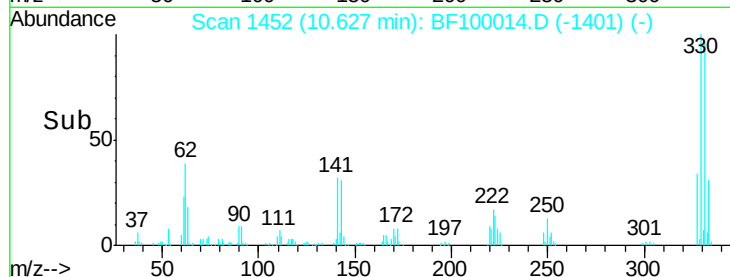
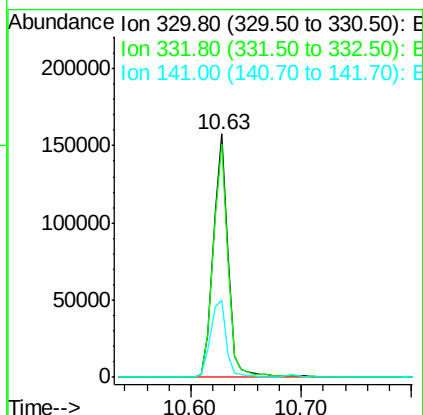
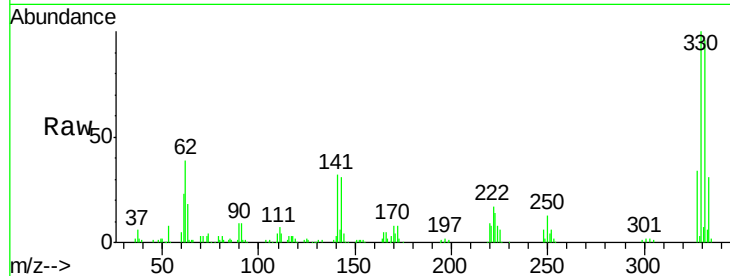




#41
 2,4,6-Tribromophenol
 Concen: 106.35 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

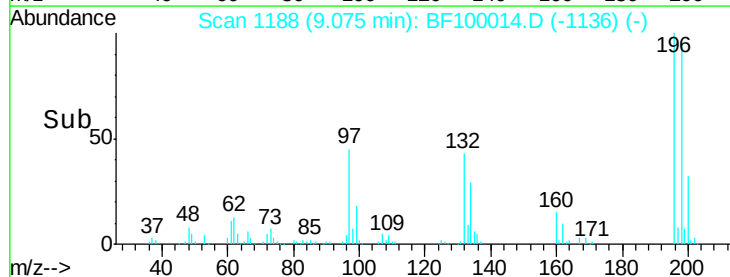
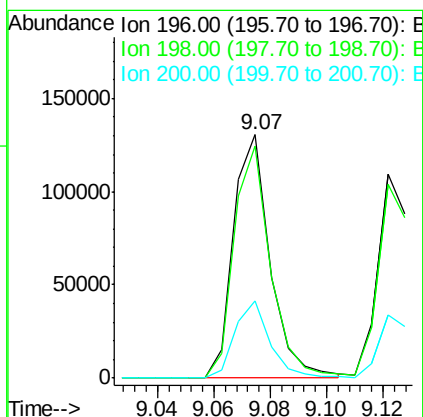
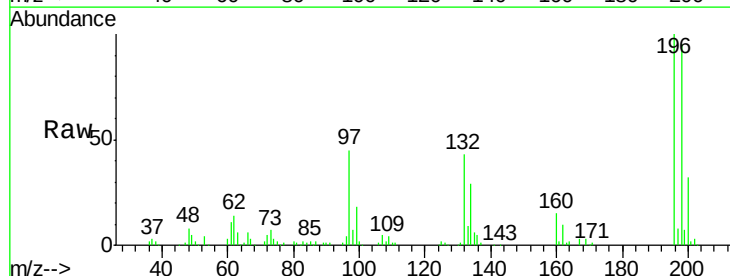
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

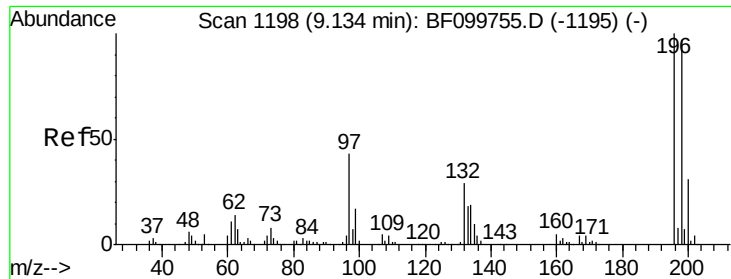
Tgt Ion:330 Resp: 144821
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.52 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

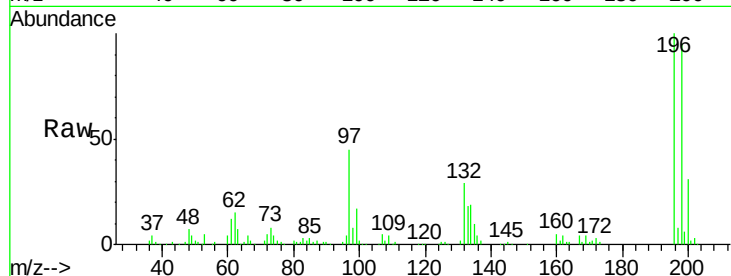




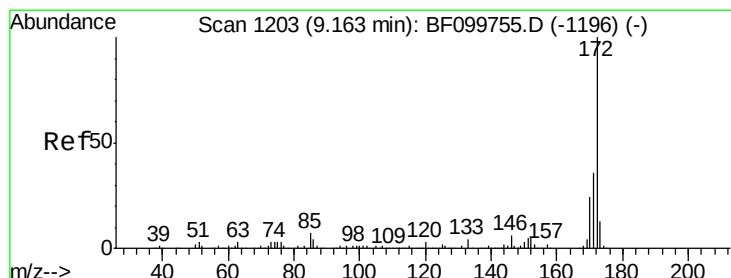
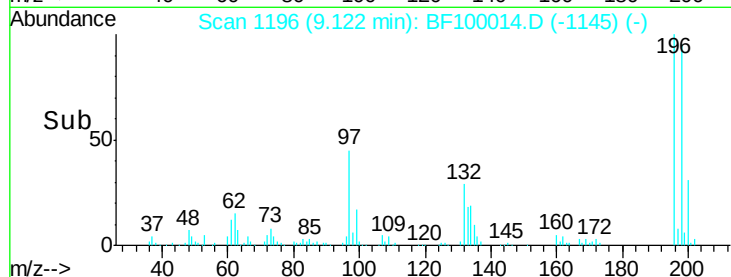
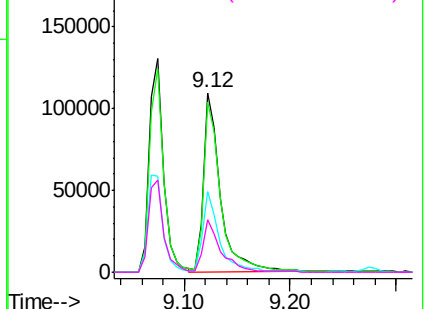
#43
 2,4,5-Trichlorophenol
 Concen: 39.63 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tgt 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

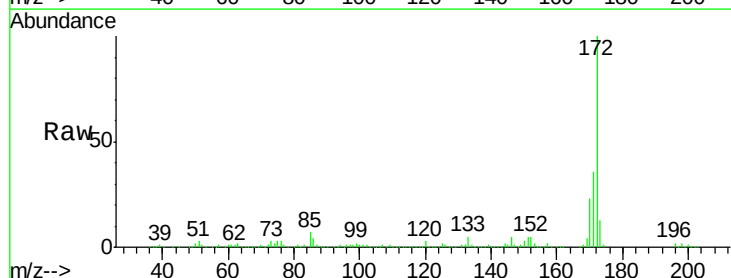


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

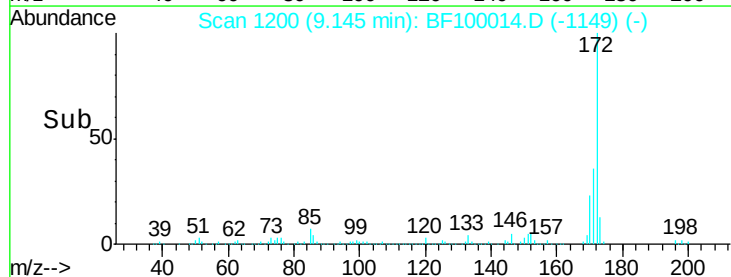
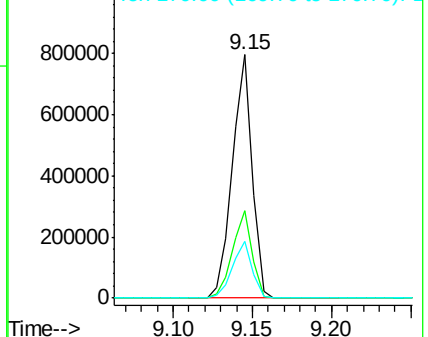


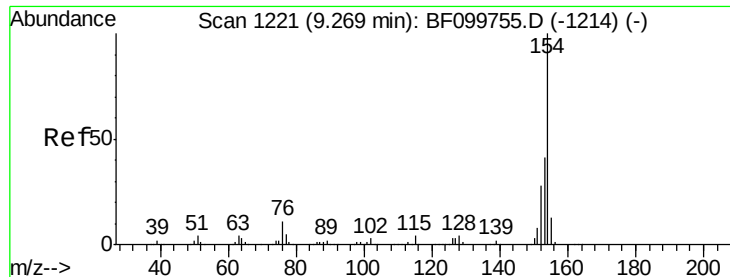
#44
 2-Fluorobiphenyl
 Concen: 71.28 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

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

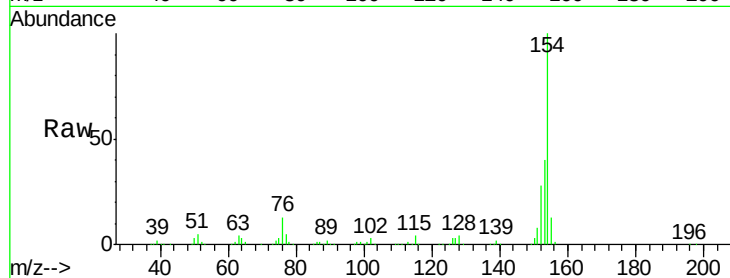




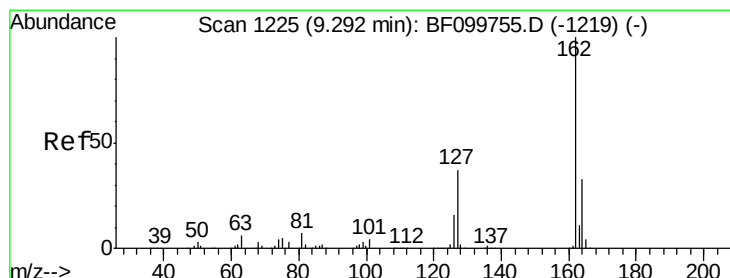
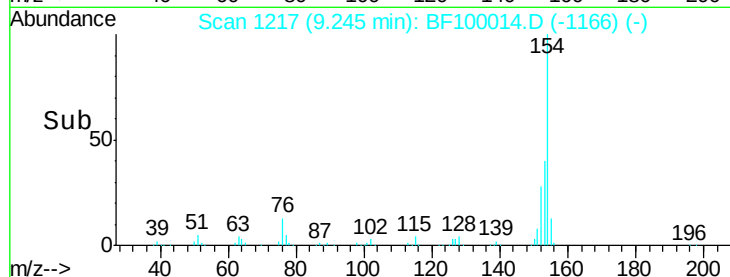
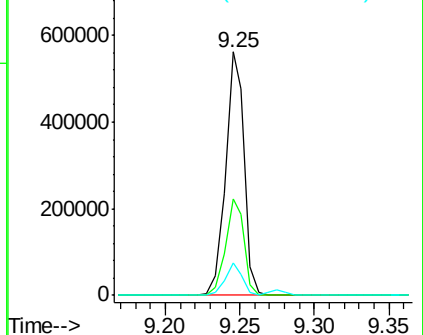
#45
1,1'-Biphenyl
Concen: 36.50 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tgt Ion:154 Resp: 493474
Ion Ratio Lower Upper
154 100
153 39.6 21.3 61.3
76 13.4 0.0 34.0

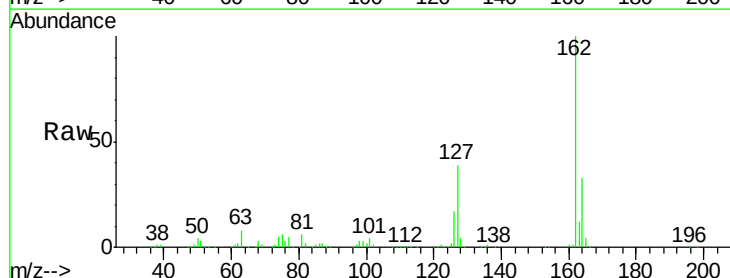


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

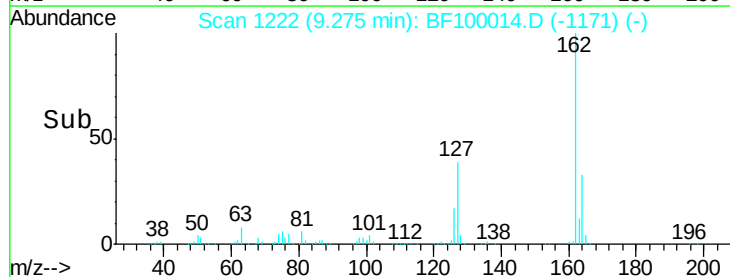
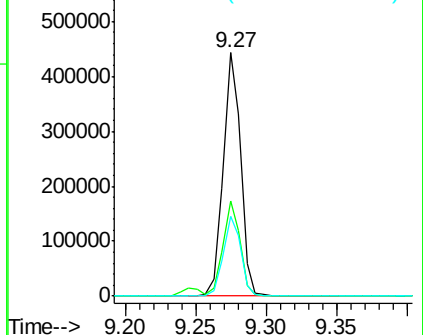


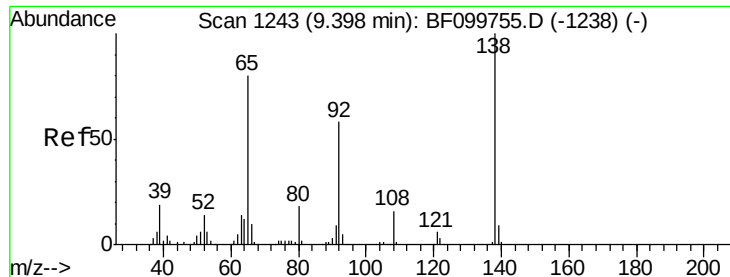
#46
2-Chloronaphthalene
Concen: 38.78 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion:162 Resp: 380713
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: 39.27 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 :

EPE-120-3(20-22)MSD

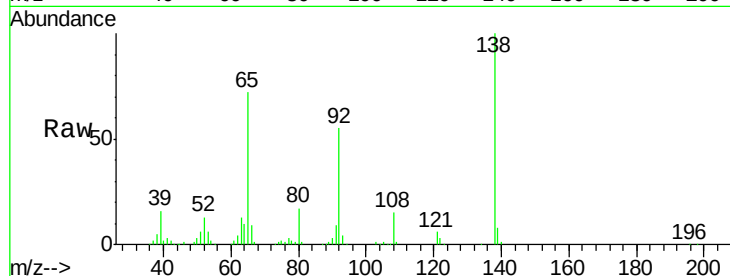
Tgt Ion: 65 Resp: 101193

Ion Ratio Lower Upper

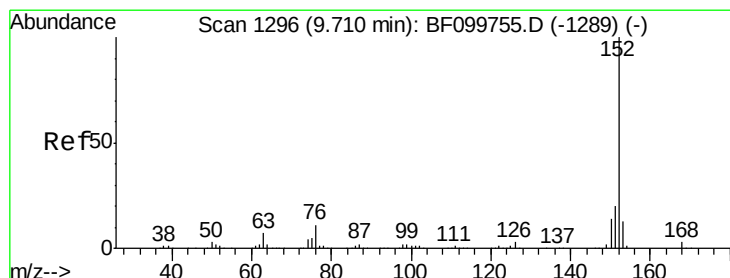
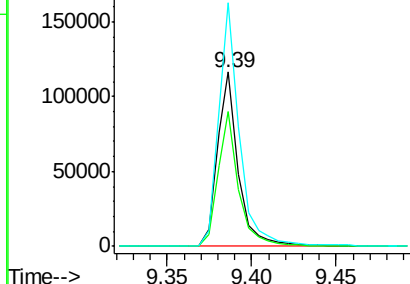
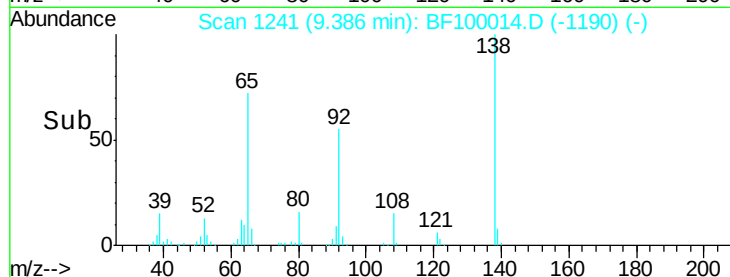
65 100

92 77.3 55.8 83.6

138 139.7 91.2 136.8#



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



#48

Acenaphthylene

Concen: 37.41 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

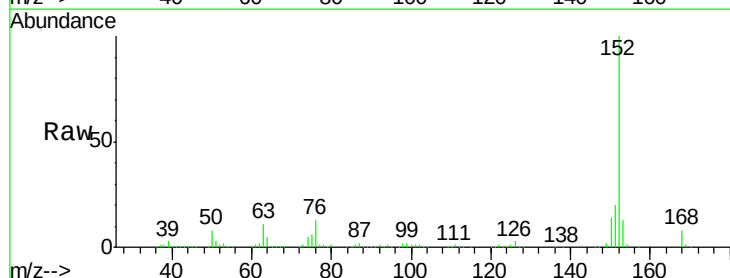
Tgt Ion: 152 Resp: 565699

Ion Ratio Lower Upper

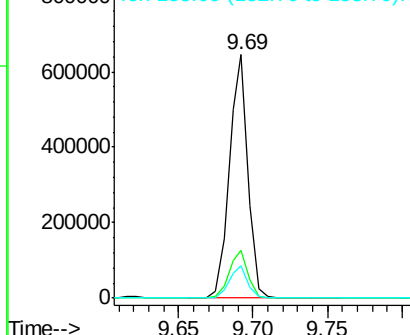
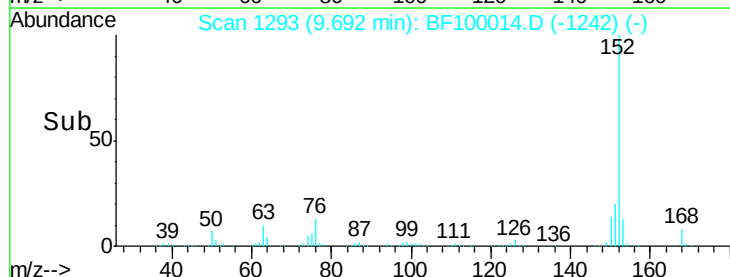
152 100

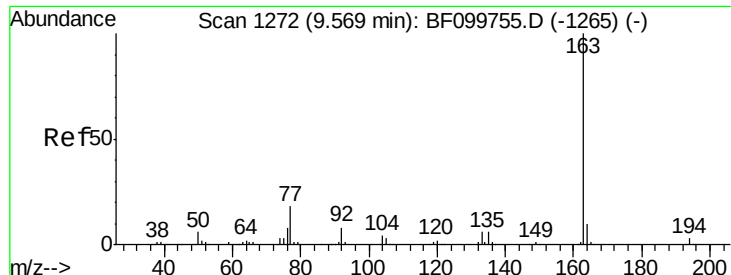
151 19.9 16.3 24.5

153 13.1 10.7 16.1



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

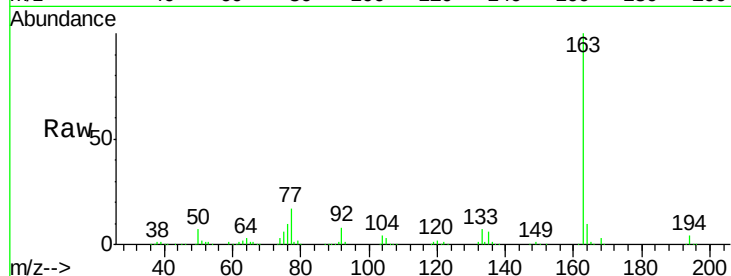




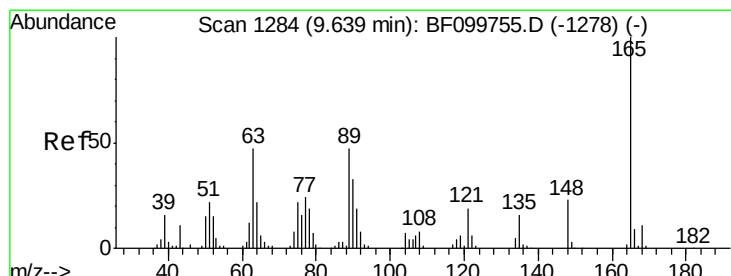
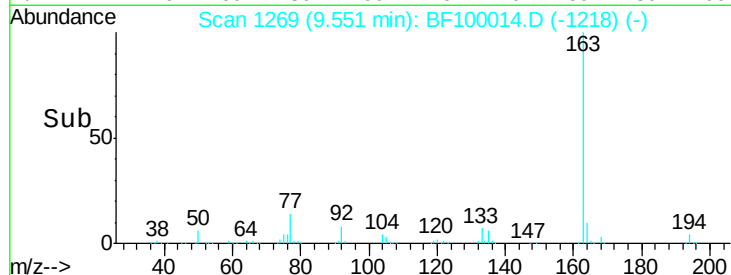
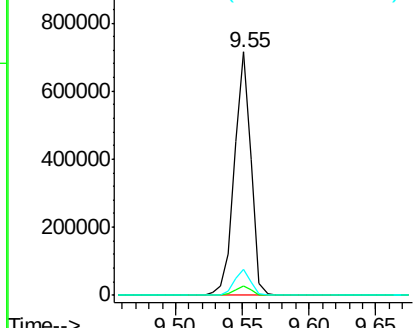
#49
Dimethylphthalate
Concen: 52.72 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

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

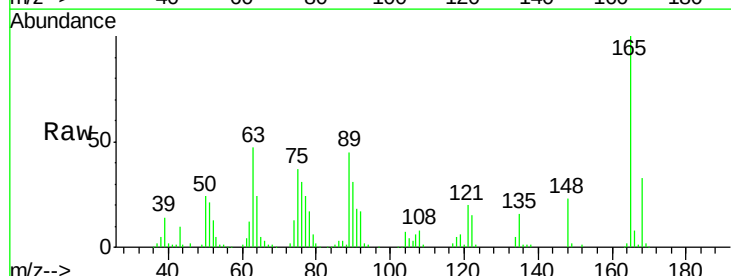


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

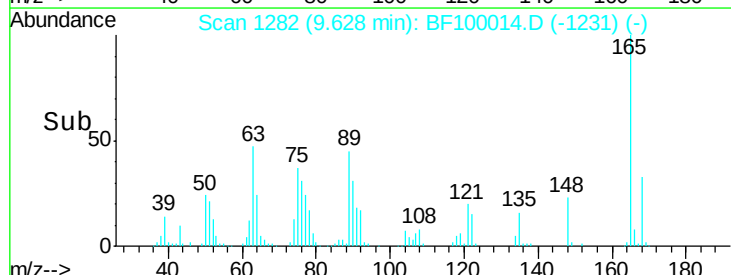
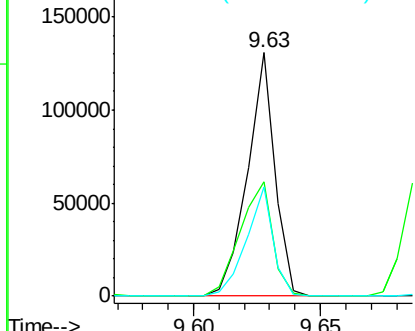


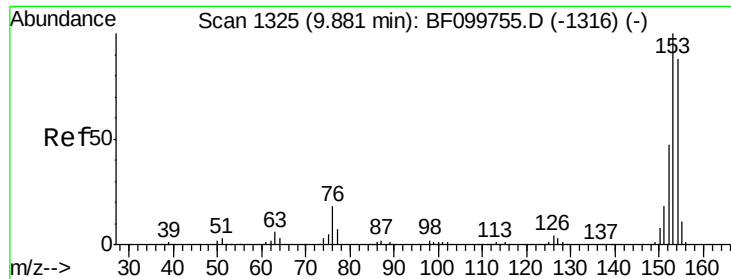
#50
2,6-Dinitrotoluene
Concen: 39.71 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

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

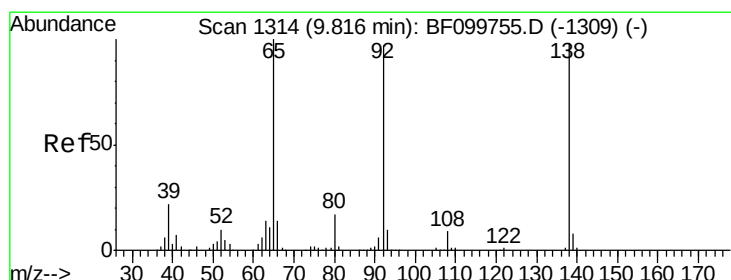
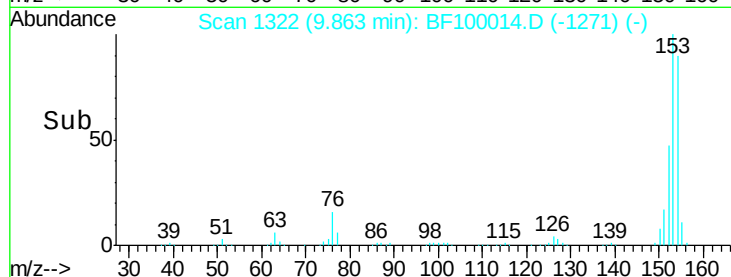
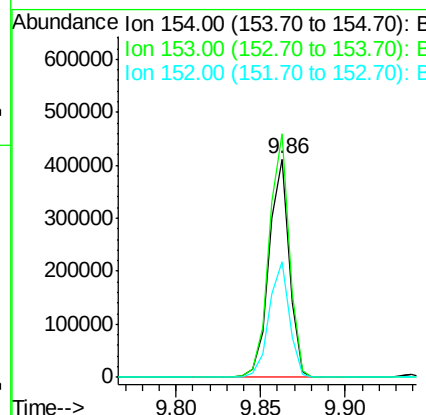
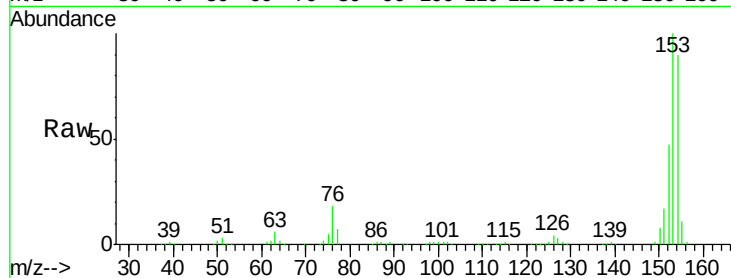




#51
Acenaphthene
Concen: 37.00 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

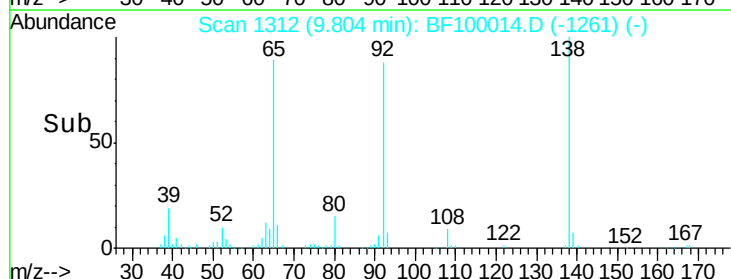
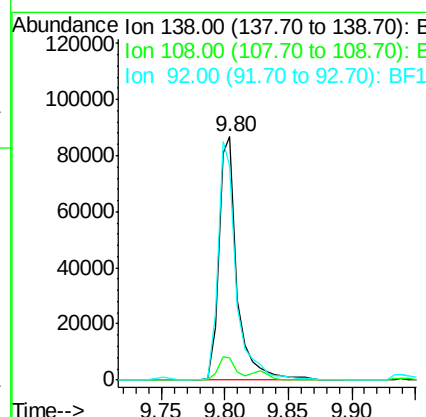
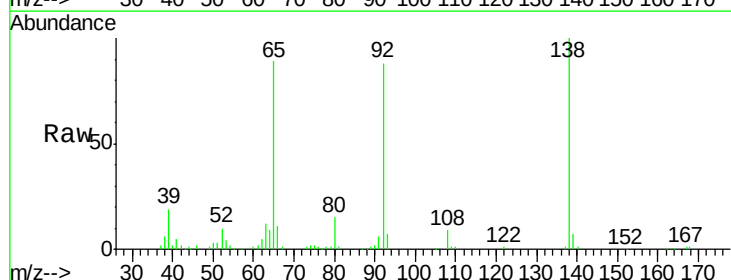
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

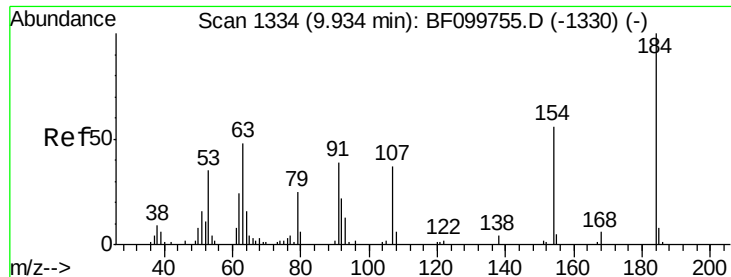
Tgt Ion:154 Resp: 341831
Ion Ratio Lower Upper
154 100
153 111.7 91.2 136.8
152 52.8 43.8 65.8



#52
3-Nitroaniline
Concen: 30.02 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#

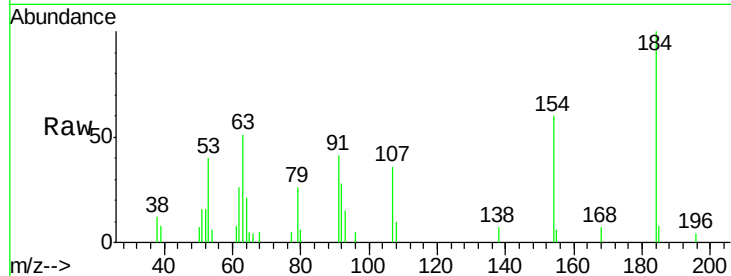




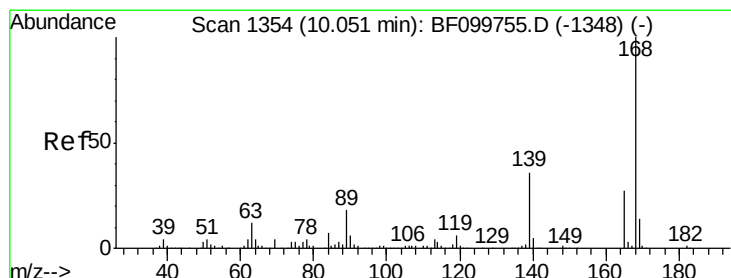
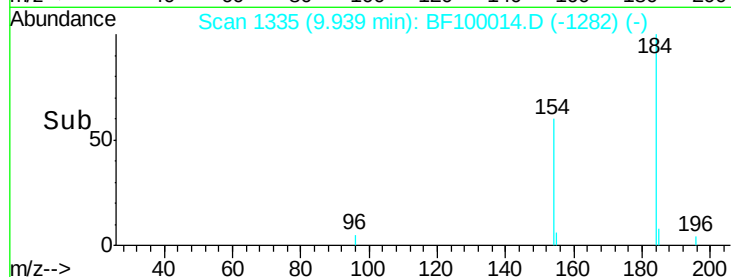
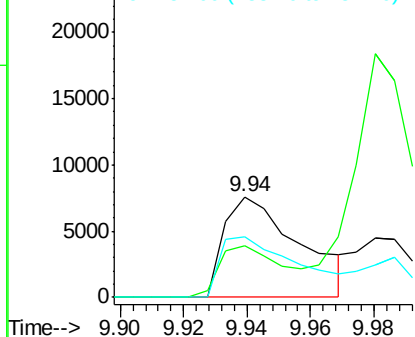
#53
 2,4-Dinitrophenol
 Concen: 17.50 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

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

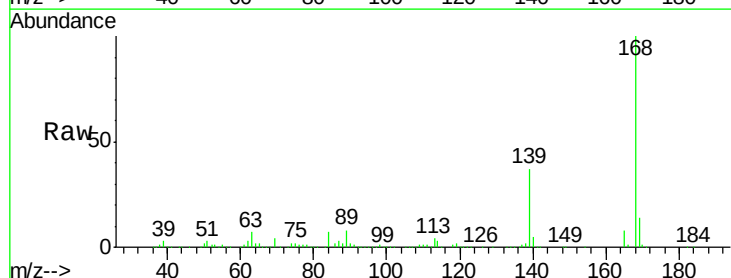


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

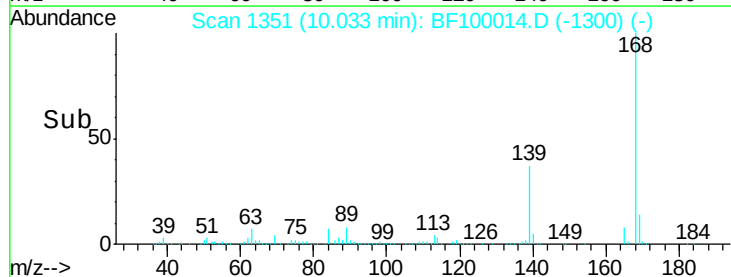
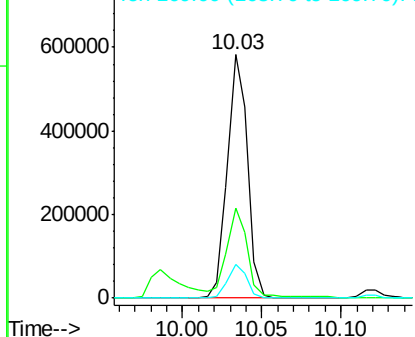


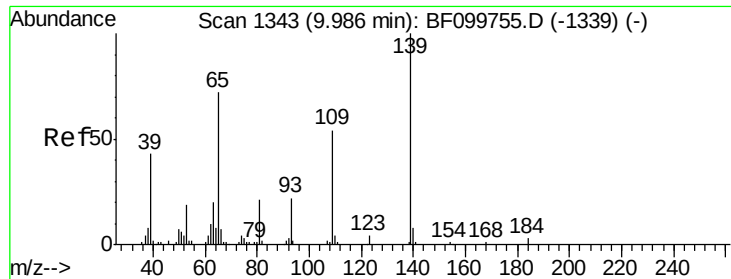
#54
 Dibenzofuran
 Concen: 39.06 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

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

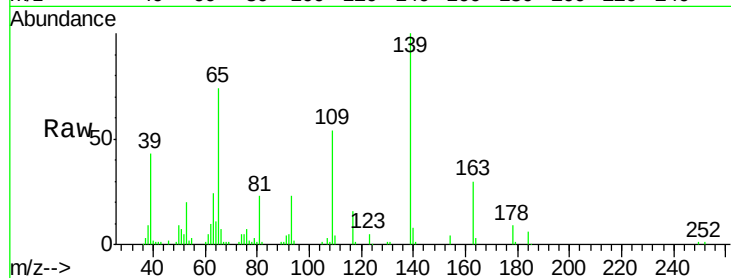




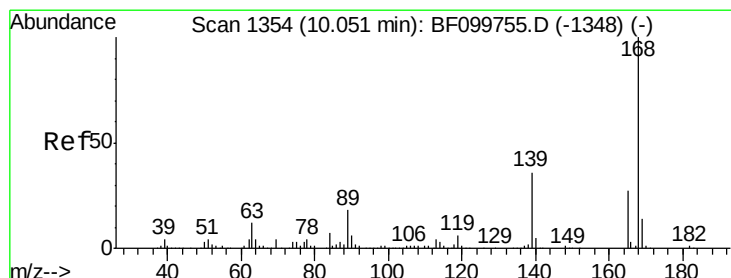
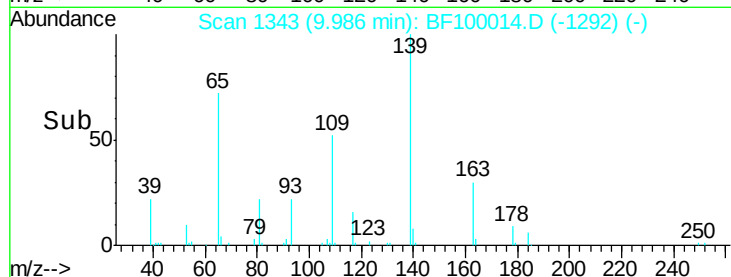
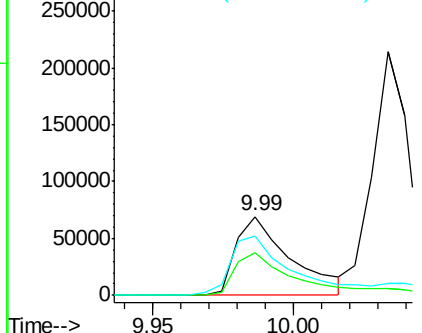
#55
4-Nitrophenol
Concen: 60.98 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

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

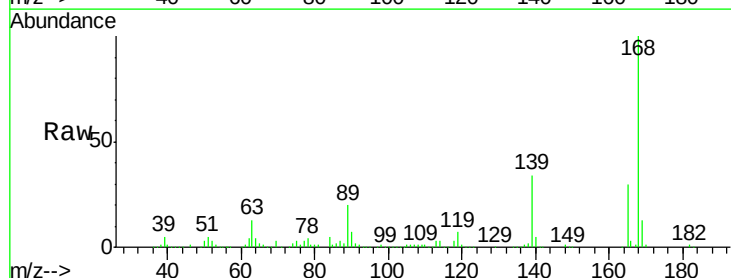


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

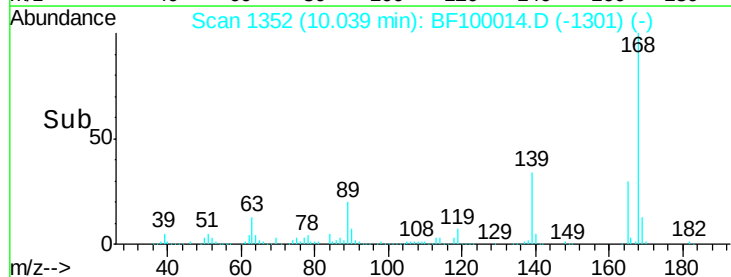
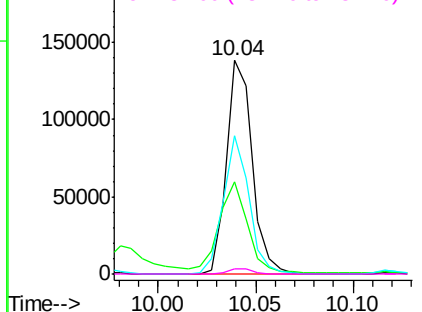


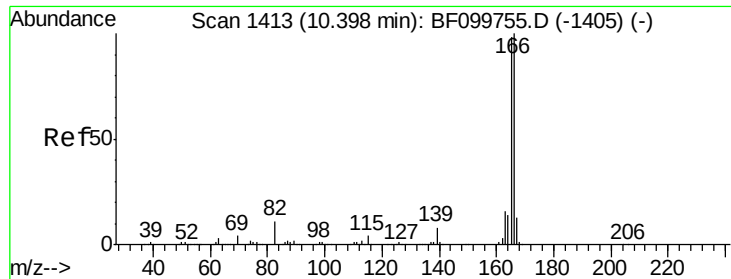
#56
2,4-Dinitrotoluene
Concen: 41.93 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

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

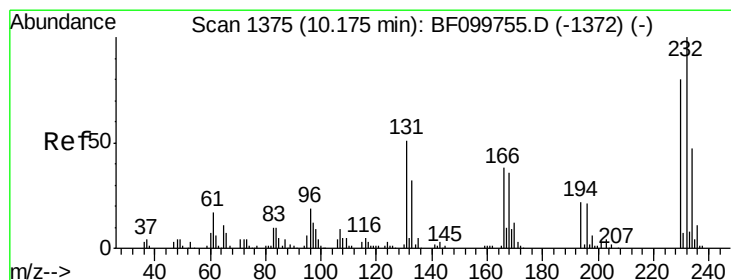
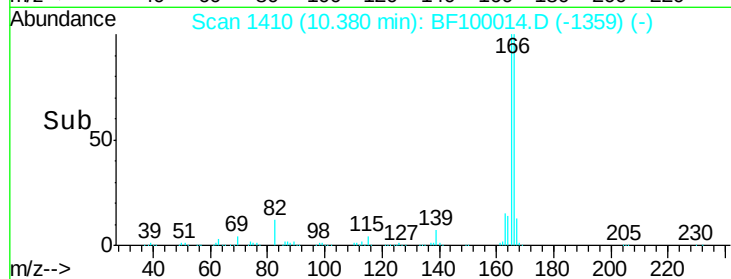
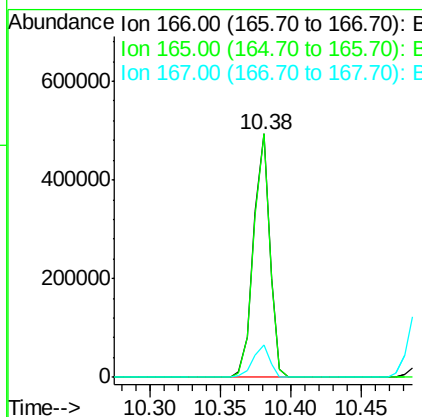
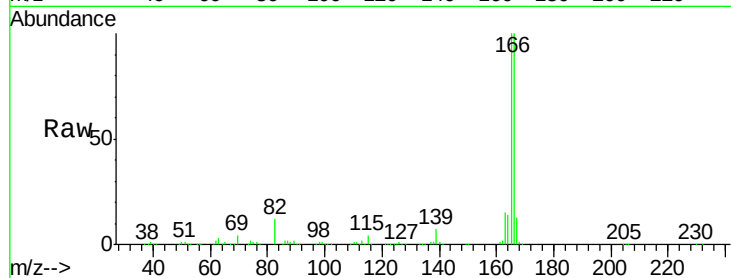




#57
 Fluorene
 Concen: 37.48 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

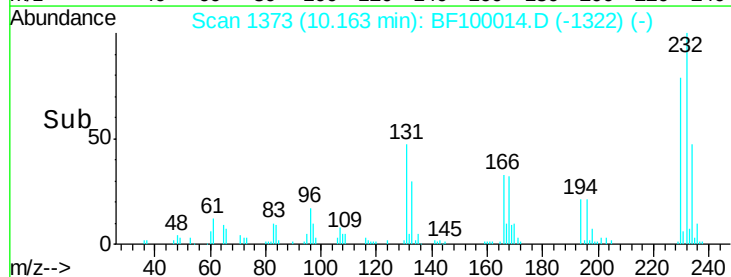
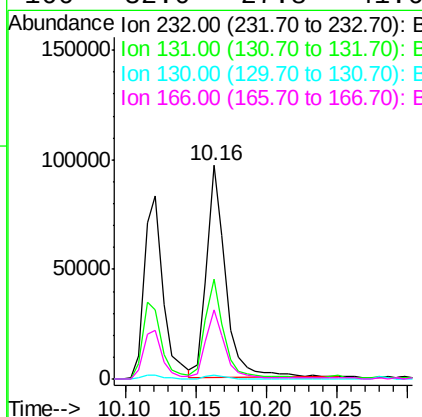
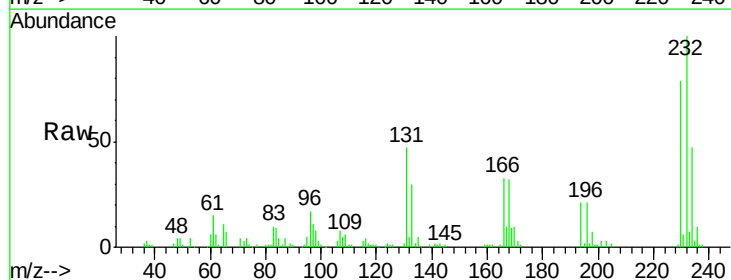
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

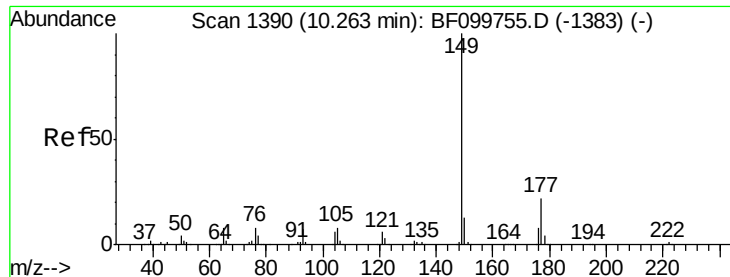
Tgt Ion:166 Resp: 404678
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.52 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 Resp: 92363
 Ion Ratio Lower Upper
 232 100
 131 45.3 43.8 65.8
 130 1.9 2.1 3.1#
 166 32.0 27.8 41.6





#59

Diethylphthalate

Concen: 37.70 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 :

EPE-120-3(20-22)MSD

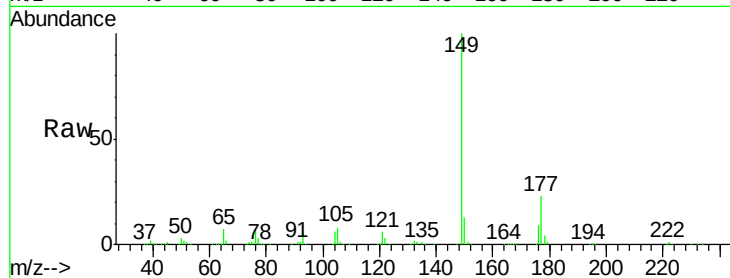
Tgt Ion:149 Resp: 435631

Ion Ratio Lower Upper

149 100

177 22.8 16.1 24.1

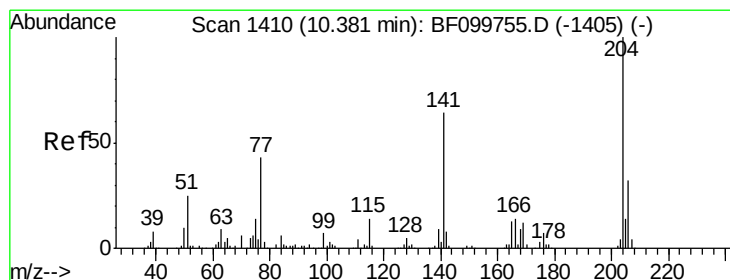
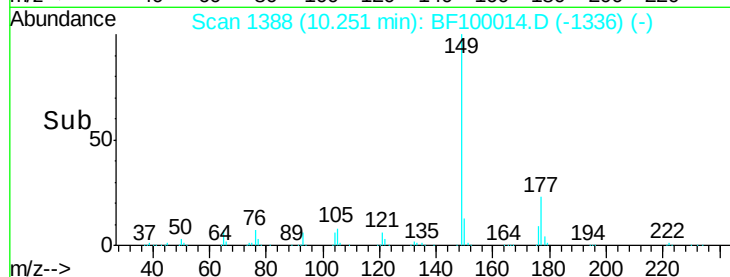
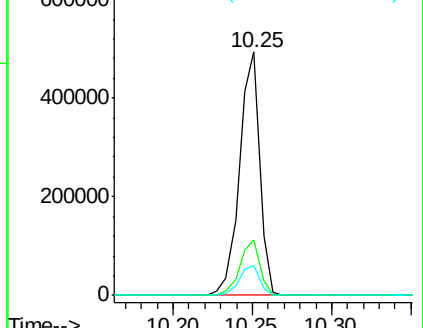
150 12.5 10.1 15.1



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: 37.54 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

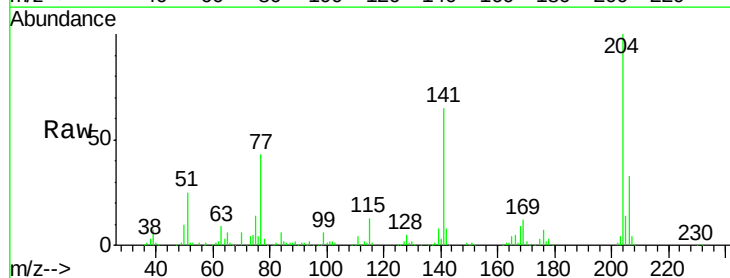
Tgt Ion:204 Resp: 190775

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

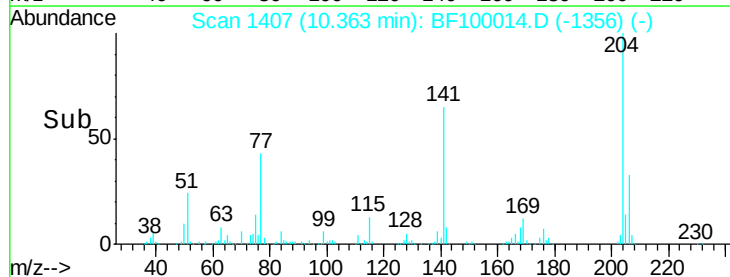
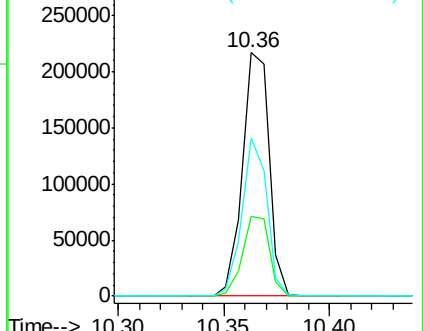
141 64.9 54.6 81.8

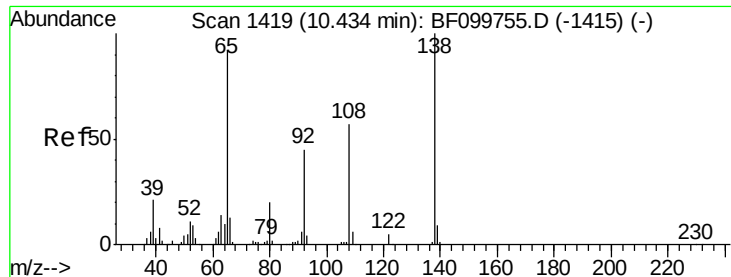


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

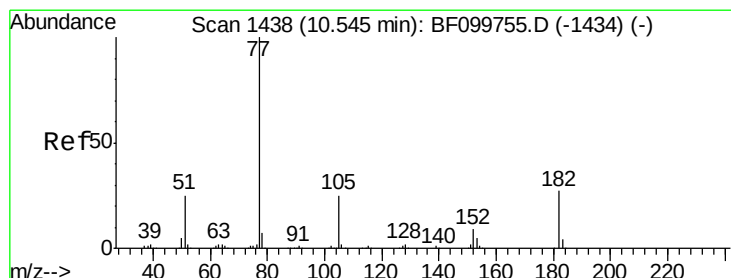
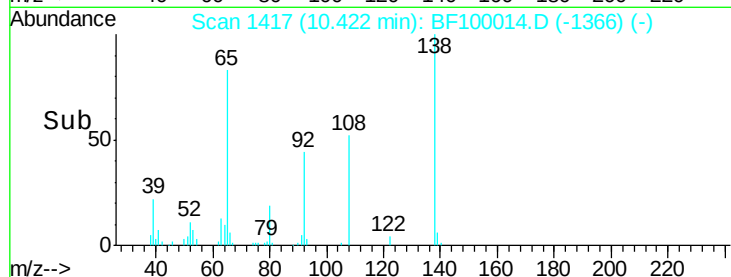
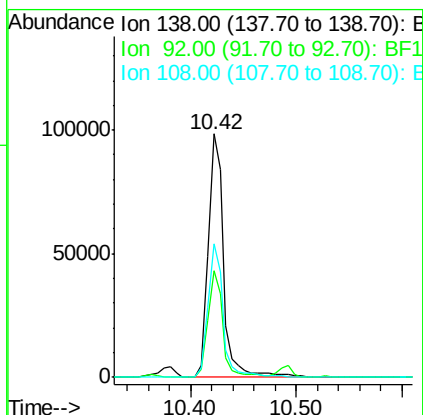
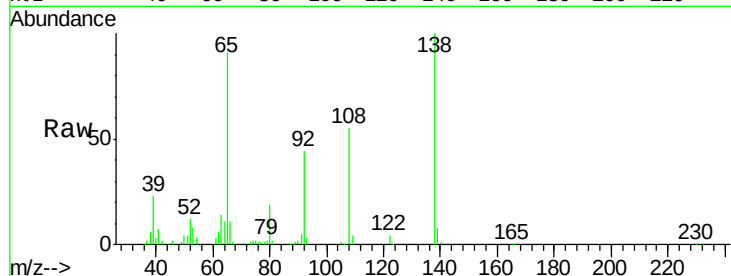




#61
4-Nitroaniline
Concen: 35.95 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

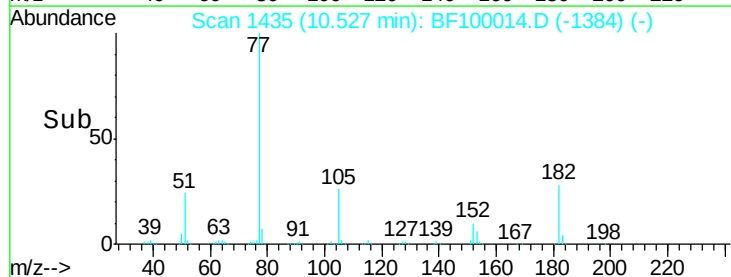
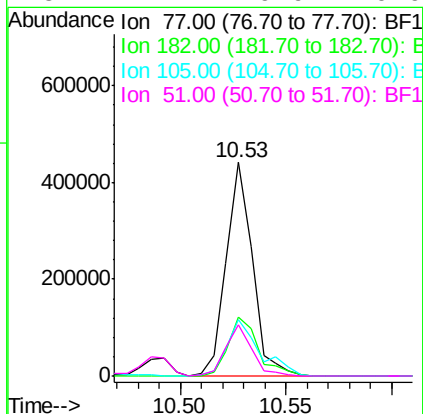
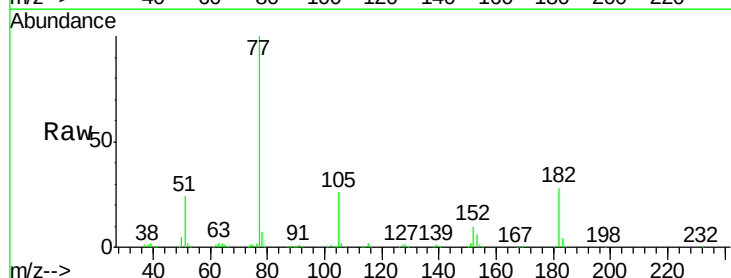
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

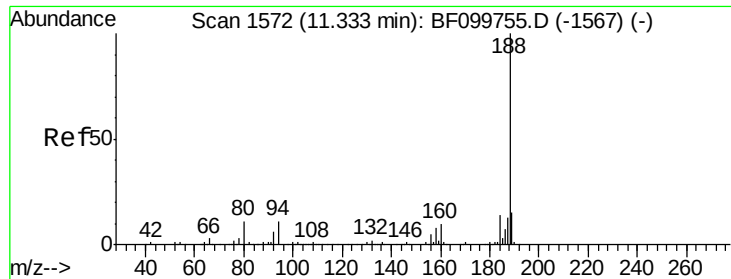
Tgt Ion: 138 Resp: 100534
Ion Ratio Lower Upper
138 100
92 43.7 30.2 70.2
108 55.0 52.5 92.5



#62
Azobenzene
Concen: 39.04 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

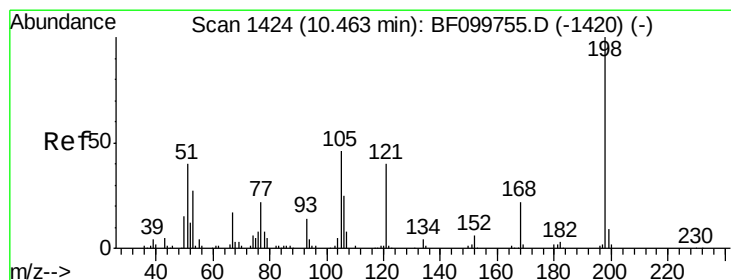
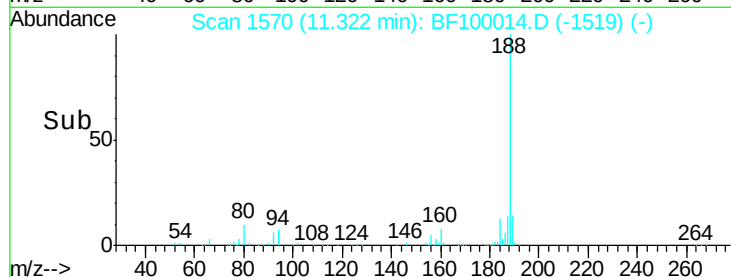
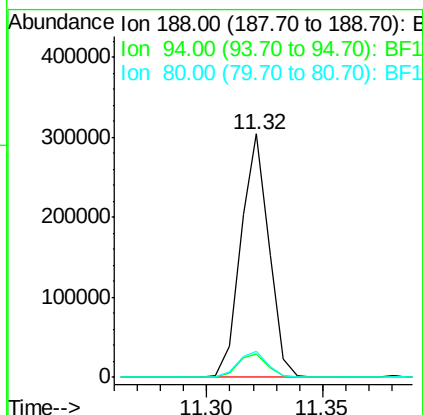
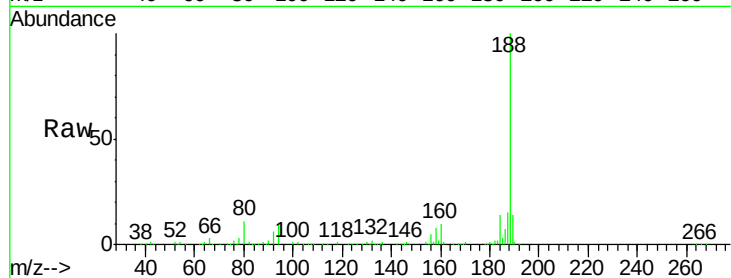




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

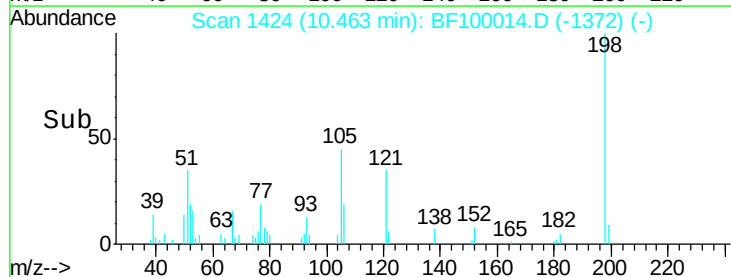
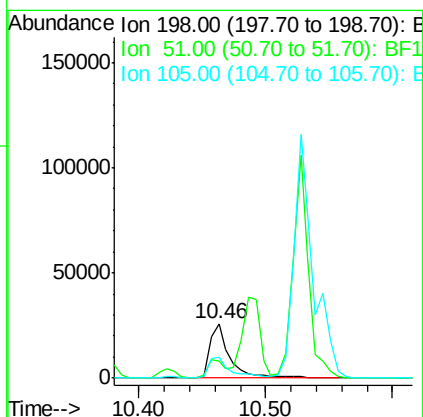
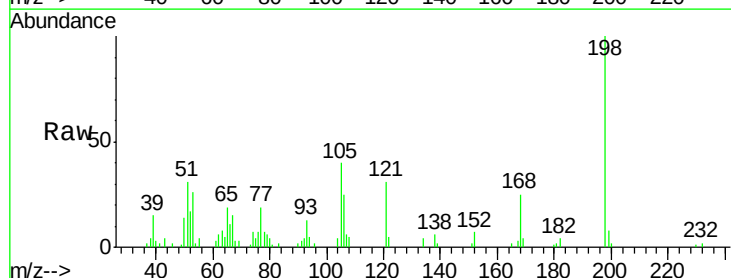
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

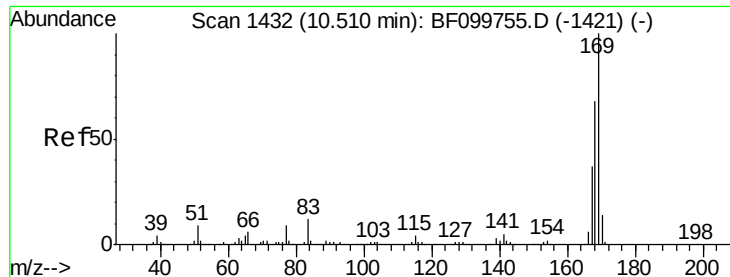
Tgt Ion:188 Resp: 256579
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.68 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

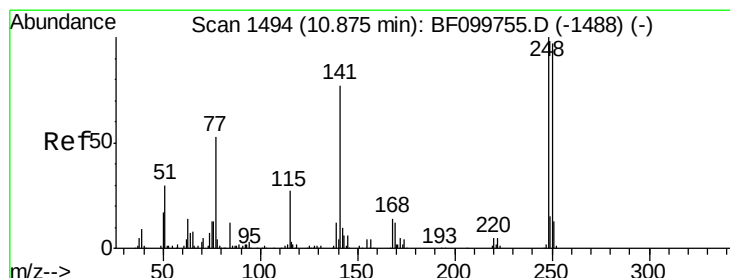
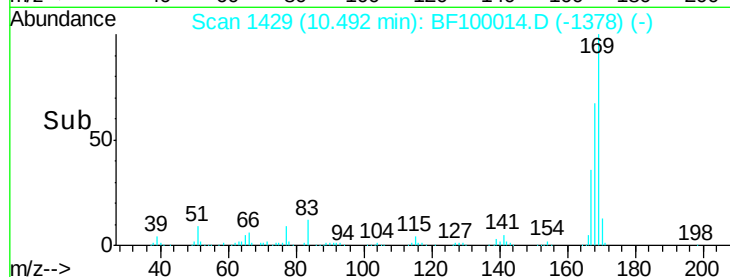
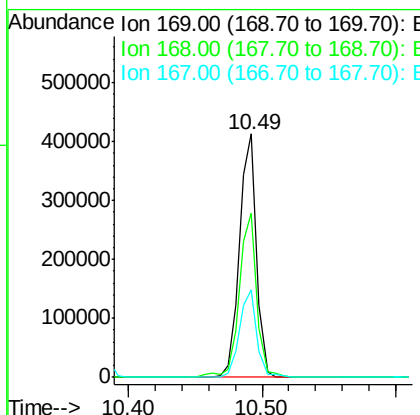
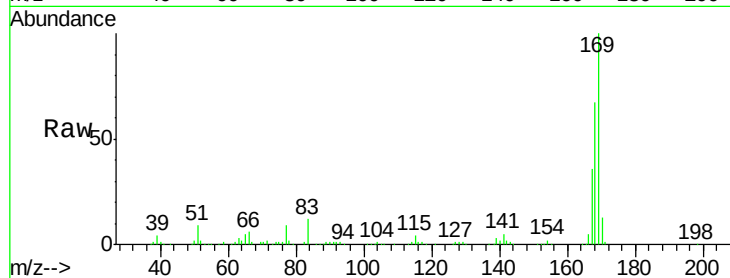




#65
 n-Nitrosodiphenylamine
 Concen: 38.75 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

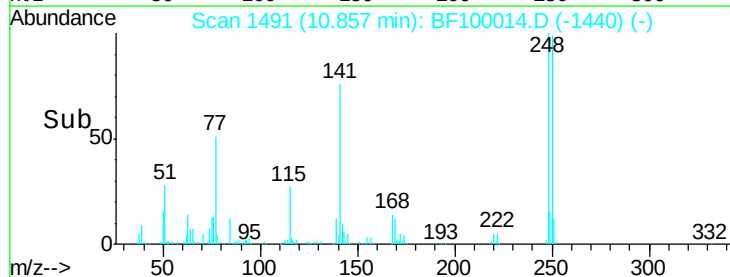
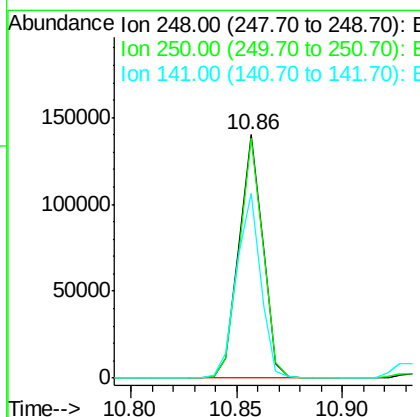
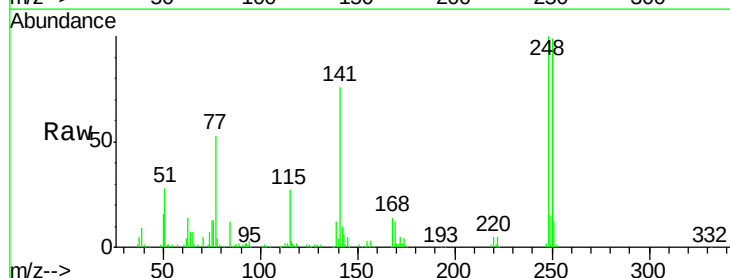
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

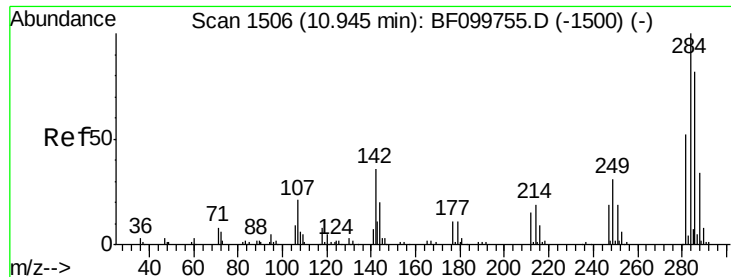
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	35.8	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.42 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	Ratio	Lower	Upper
248	100		
250	98.6	76.9	115.3
141	75.8	74.4	111.6





#67

Hexachlorobenzene

Concen: 38.99 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 :

EPE-120-3(20-22)MSD

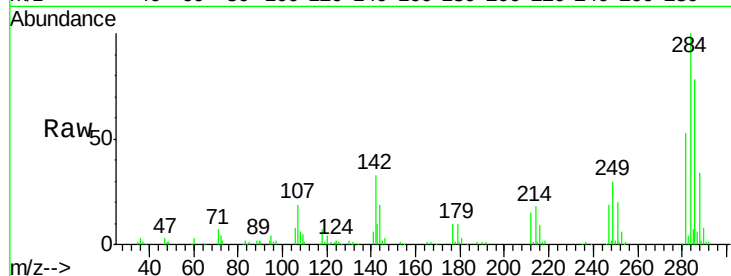
Tgt Ion:284 Resp: 107733

Ion Ratio Lower Upper

284 100

142 33.0 34.6 52.0#

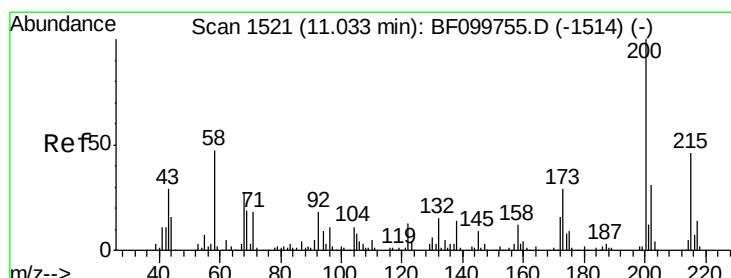
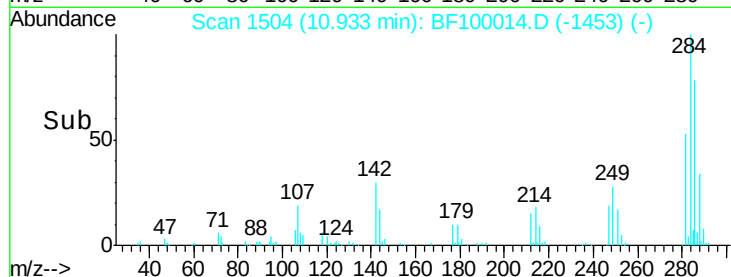
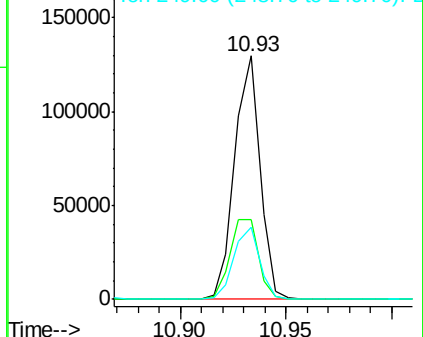
249 29.7 24.8 37.2



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: 40.78 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

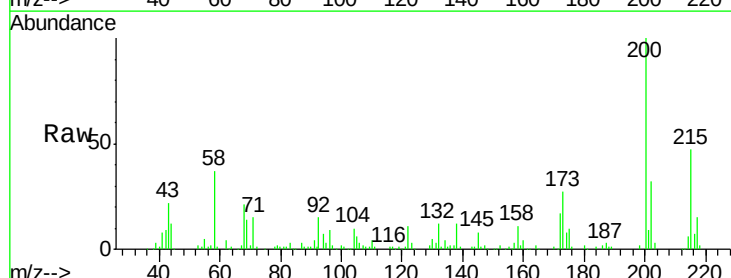
Tgt Ion:200 Resp: 116022

Ion Ratio Lower Upper

200 100

173 27.2 8.6 48.6

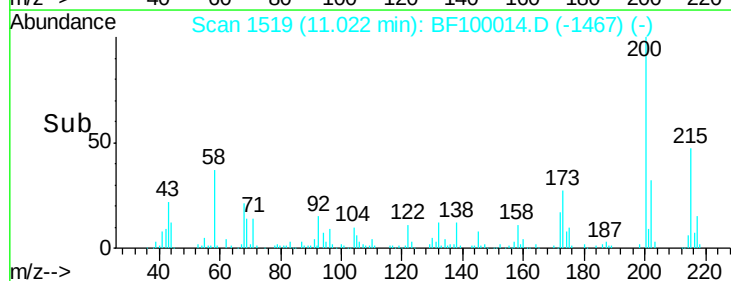
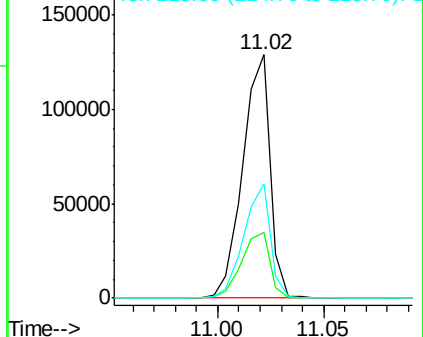
215 46.7 25.1 65.1

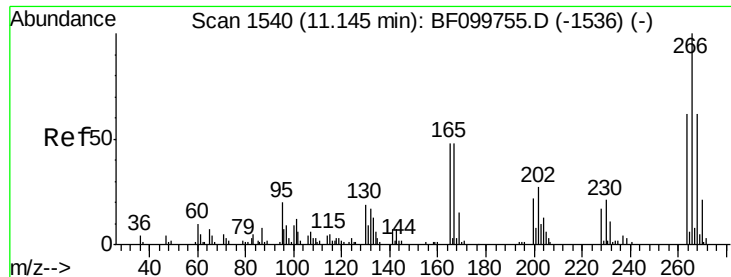


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

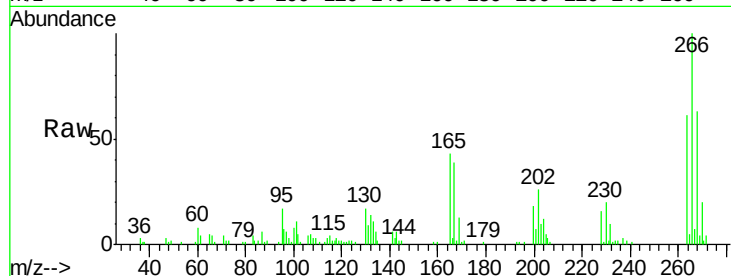




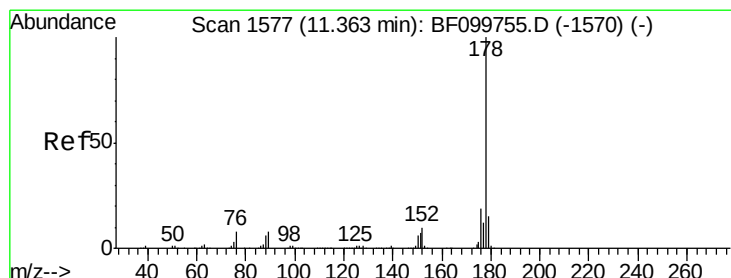
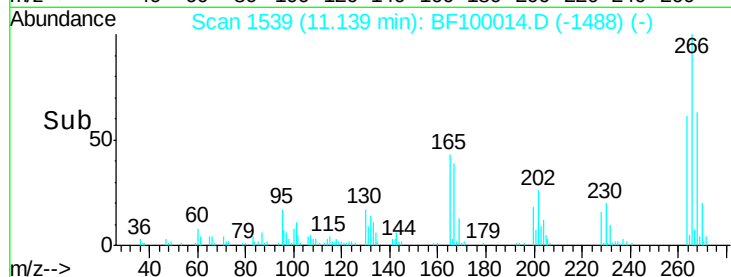
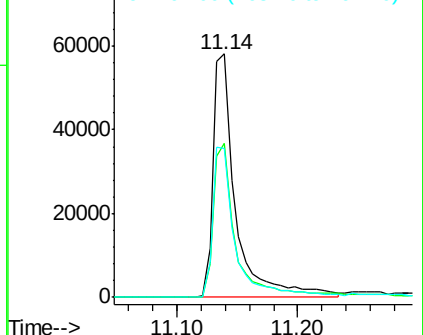
#69
 Pentachlorophenol
 Concen: 63.41 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

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

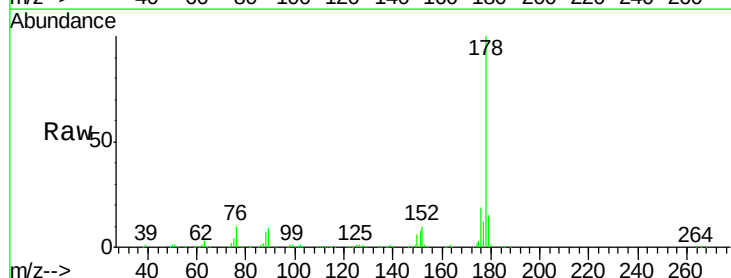


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

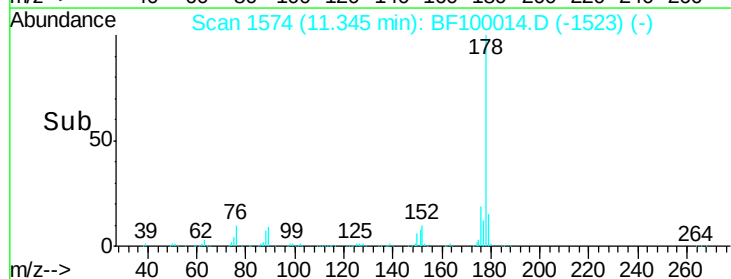
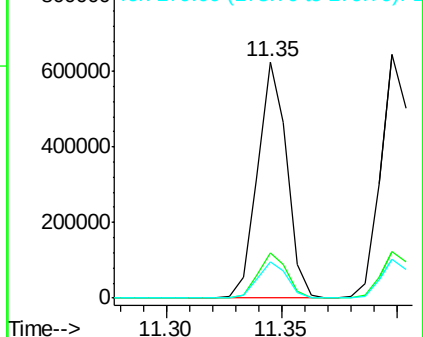


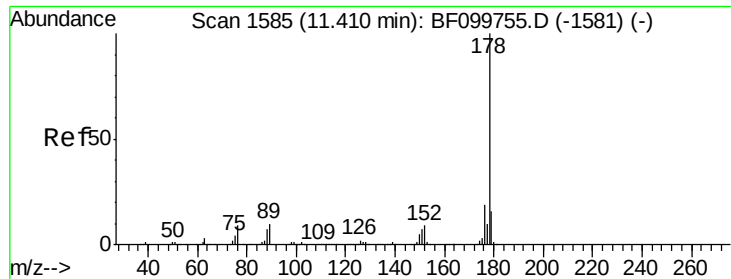
#70
 Phenanthrene
 Concen: 38.20 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

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

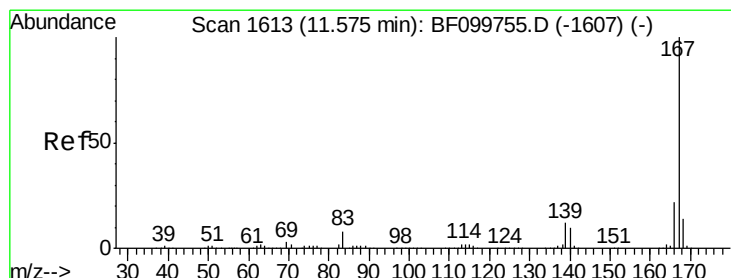
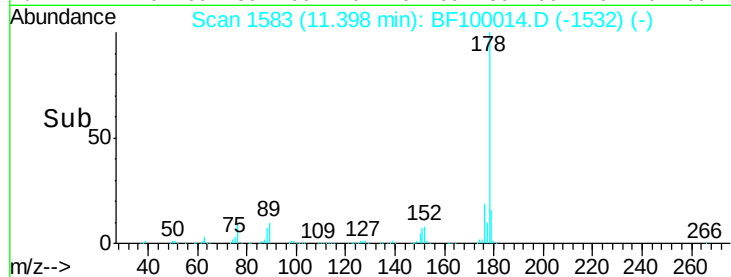
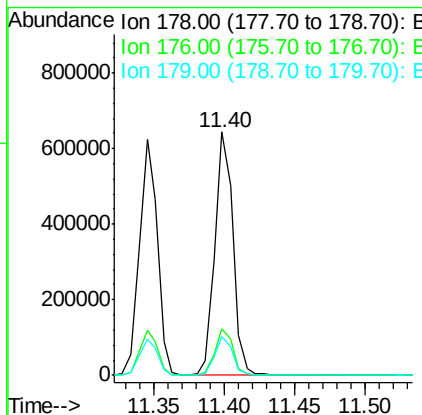
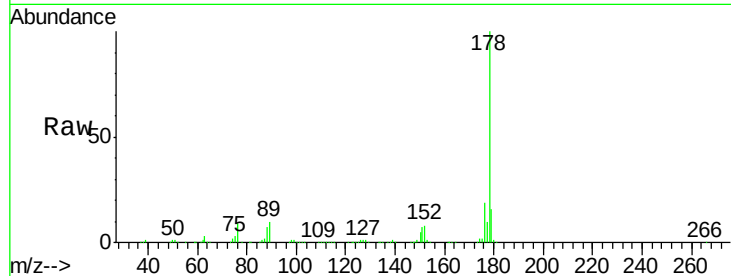




#71
 Anthracene
 Concen: 39.21 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

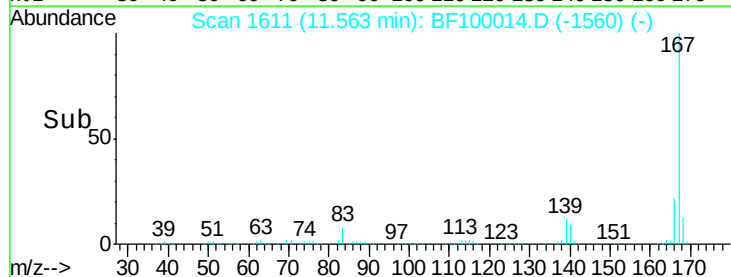
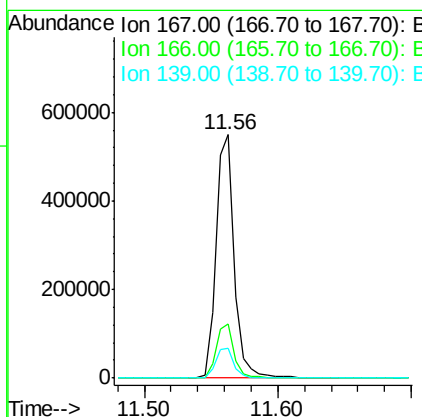
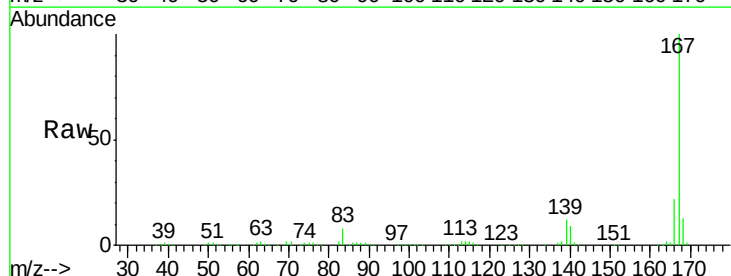
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

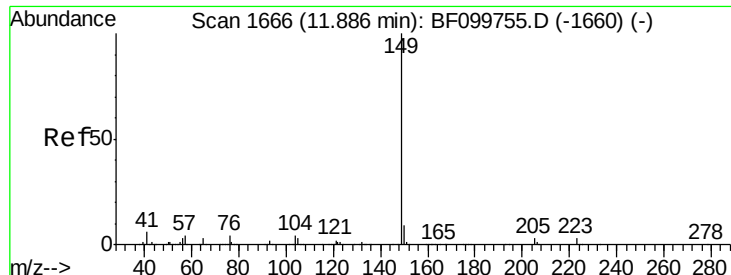
Tgt Ion:178 Resp: 576369
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.18 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

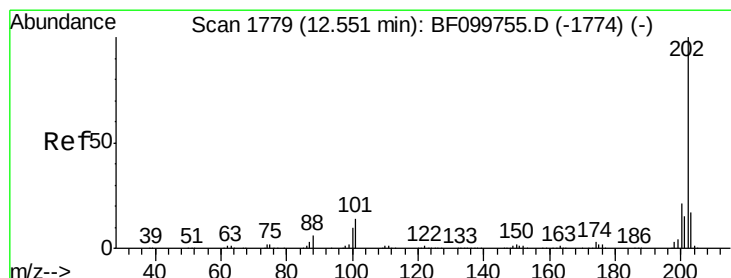
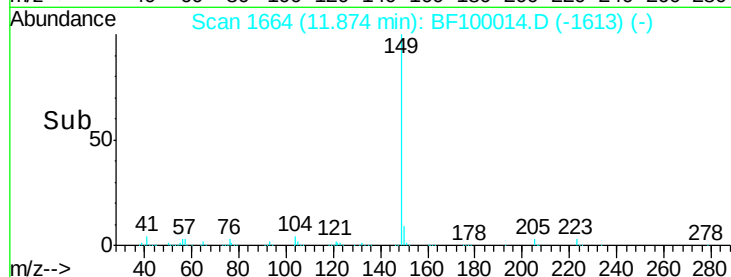
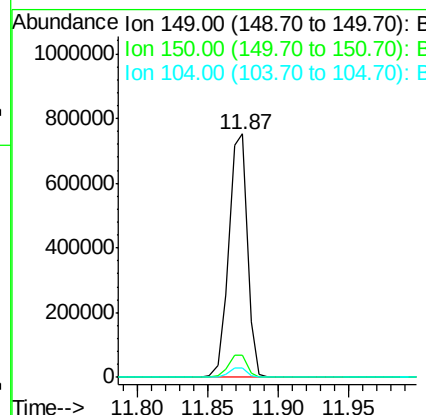
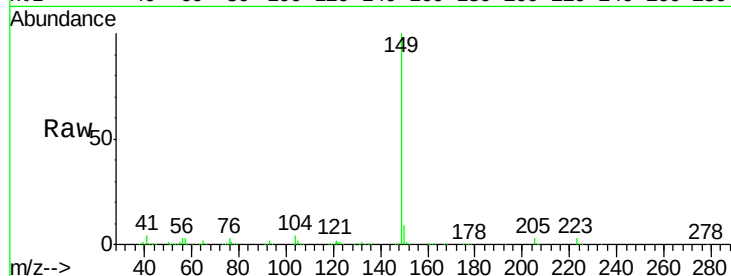




#73
Di-n-butylphthalate
Concen: 39.14 ng
RT: 11.87 min Scan# 1664
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

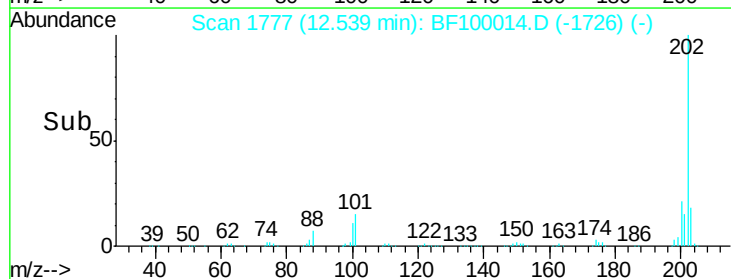
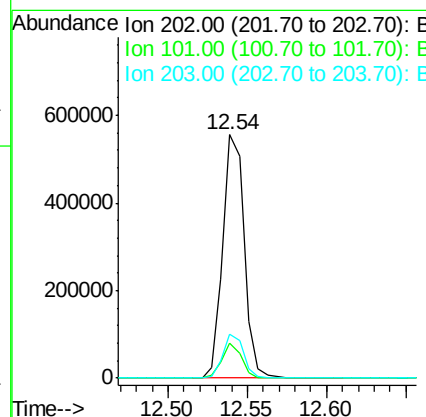
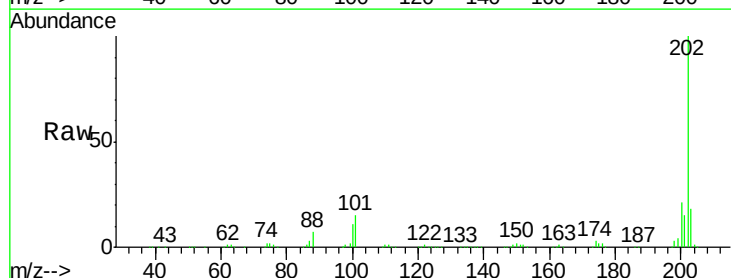
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

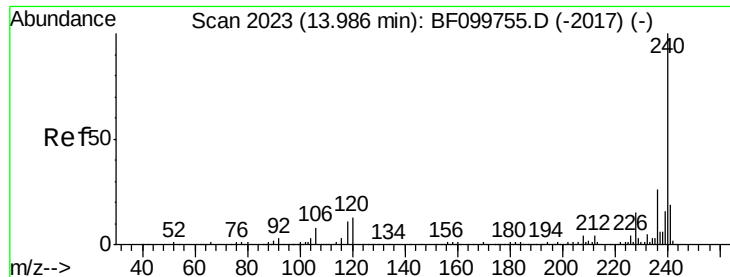
Tgt Ion:149 Resp: 690033
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 3.7 3.8 5.8#



#74
Fluoranthene
Concen: 34.66 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





#75

Chrysene-d12

Concen: 20.00 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 :

EPE-120-3(20-22)MSD

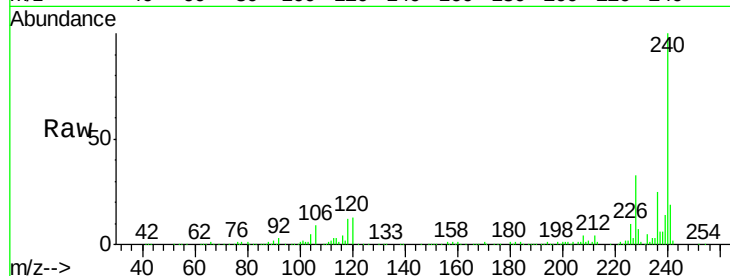
Tgt Ion:240 Resp: 149898

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

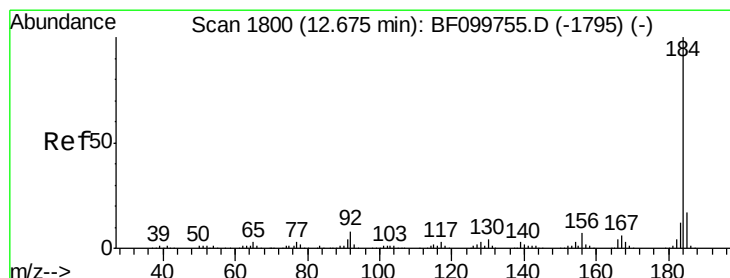
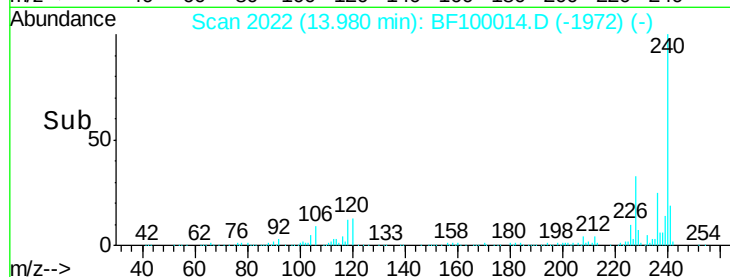
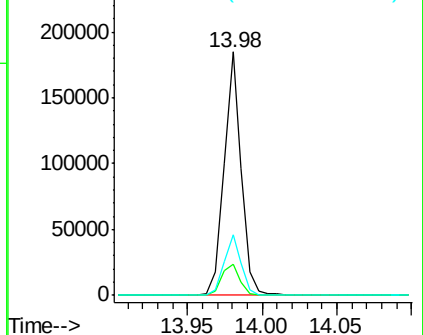
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.65 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

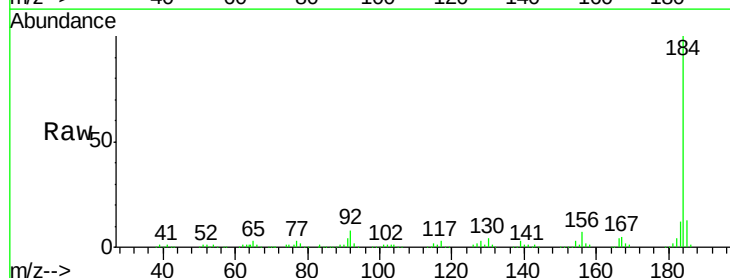
Tgt Ion:184 Resp: 260074

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

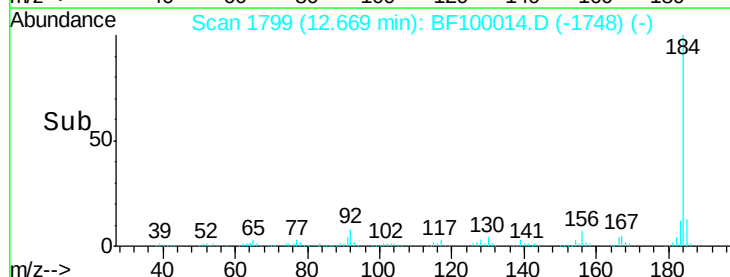
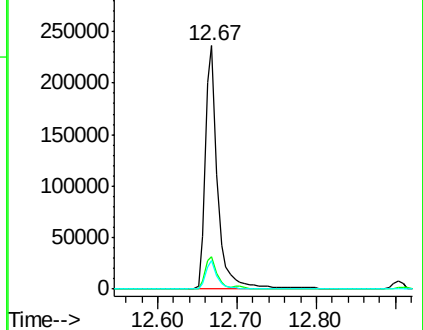
183 11.9 9.3 13.9

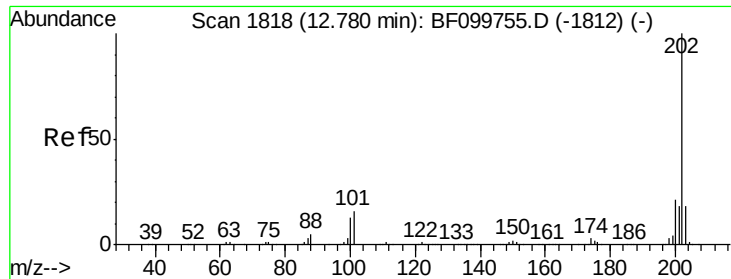


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

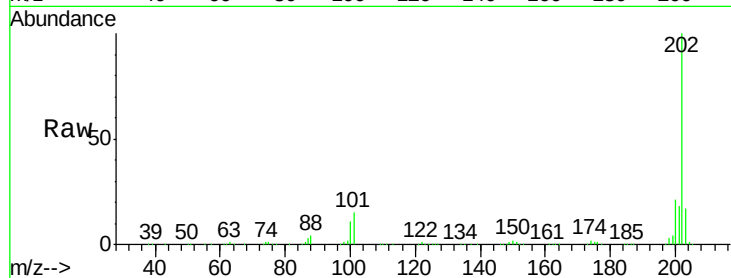




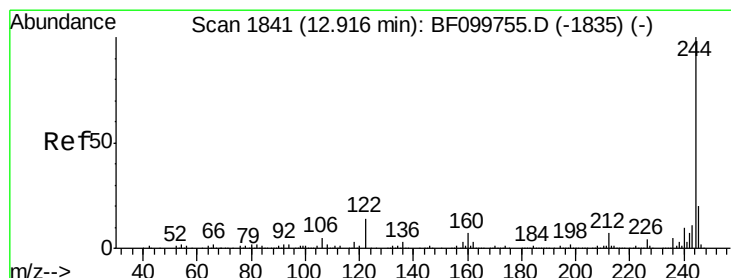
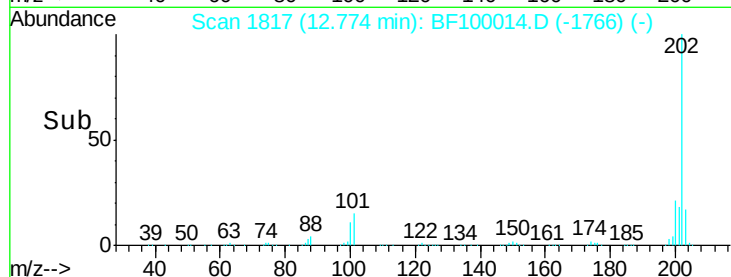
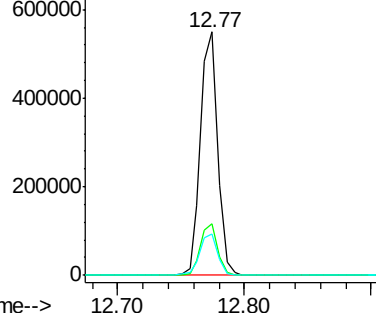
#77
 Pyrene
 Concen: 45.15 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

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

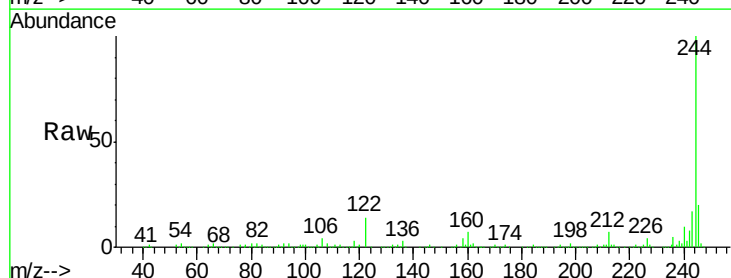


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

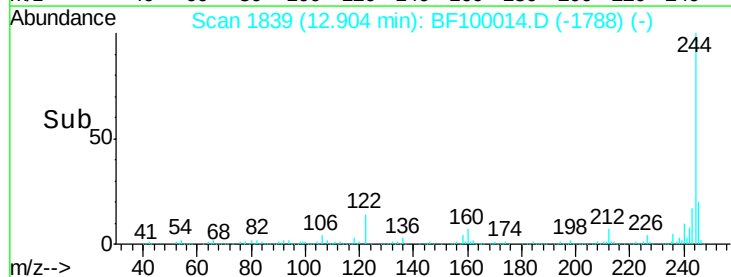
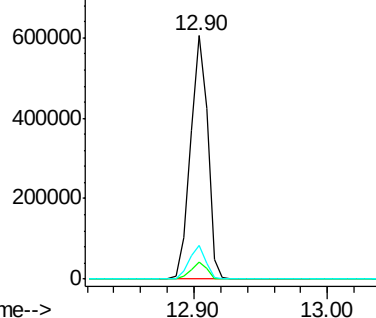


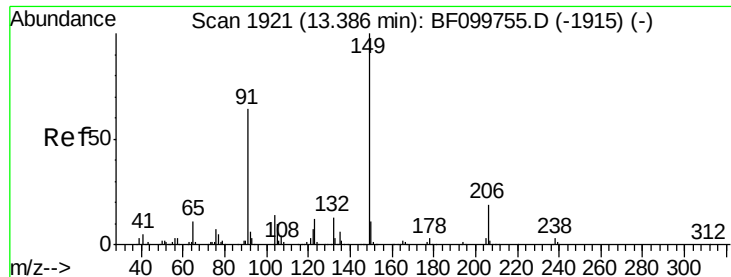
#78
 Terphenyl-d14
 Concen: 80.70 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

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



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

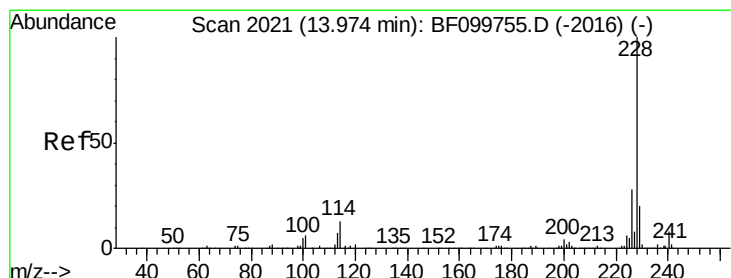
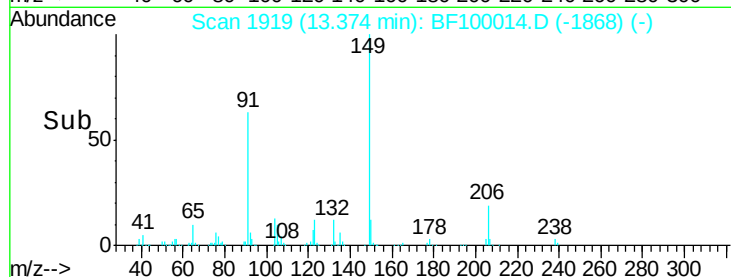
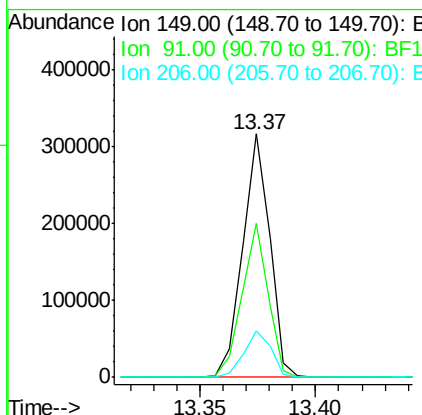
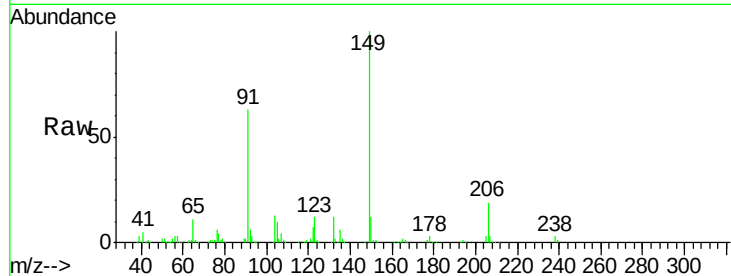




#79
 Butylbenzylphthalate
 Concen: 46.18 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

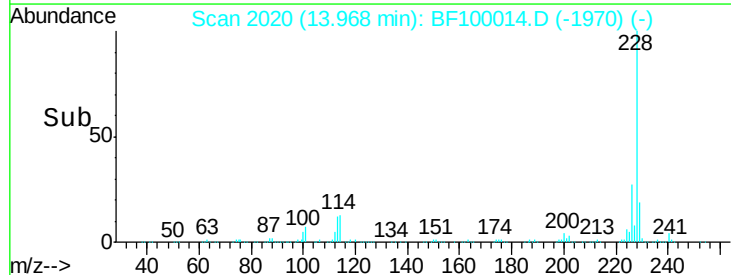
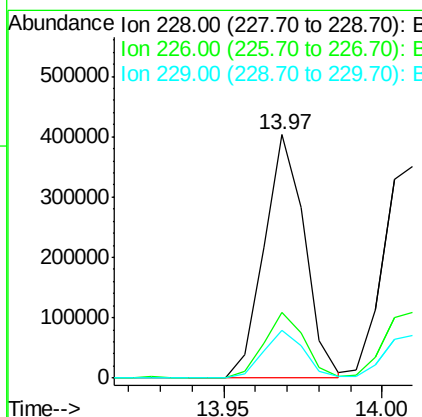
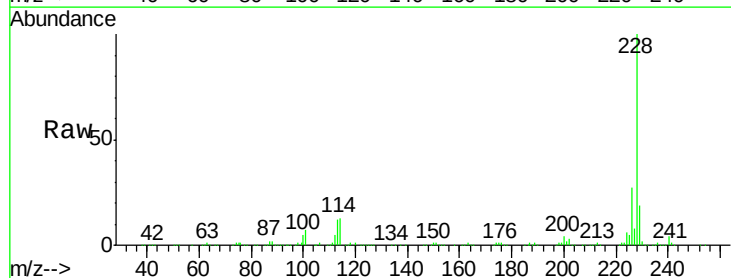
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

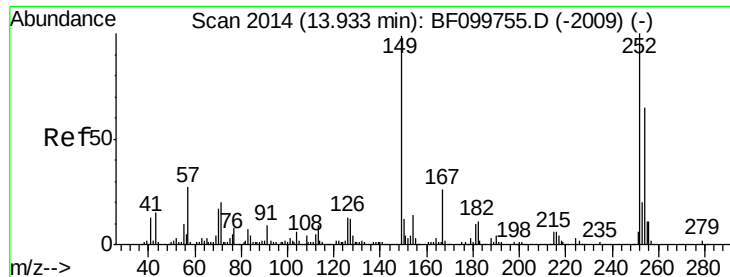
Tgt Ion:	149	Resp:	259220
Ion Ratio	Lower	Upper	
149	100		
91	63.5	56.8	85.2
206	19.0	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 37.64 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

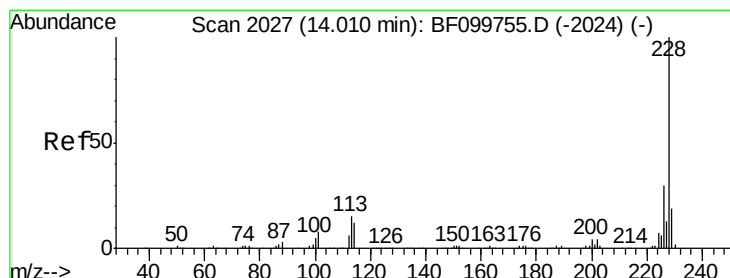
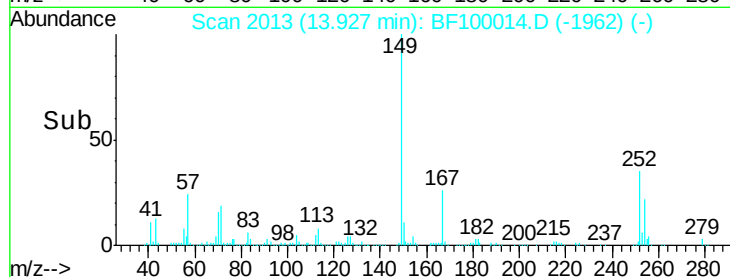
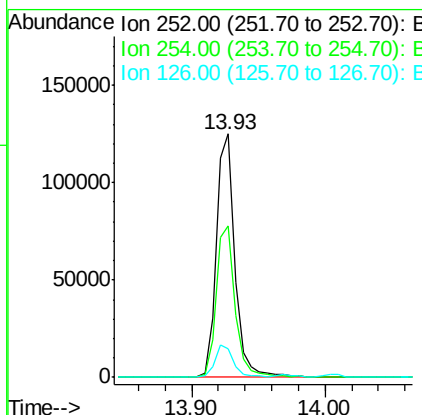
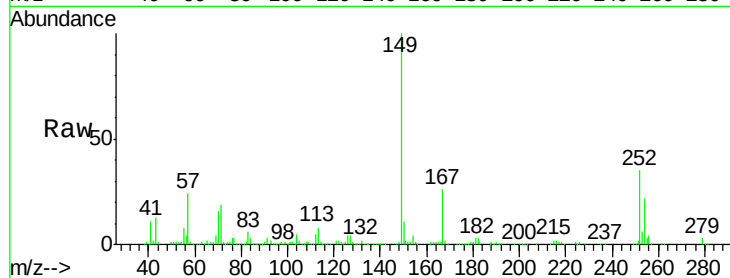




#81
 3,3'-Dichlorobenzidine
 Concen: 35.71 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

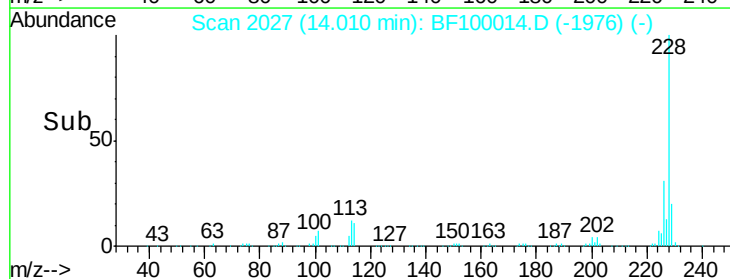
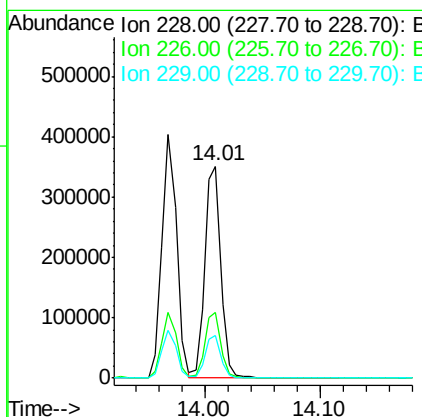
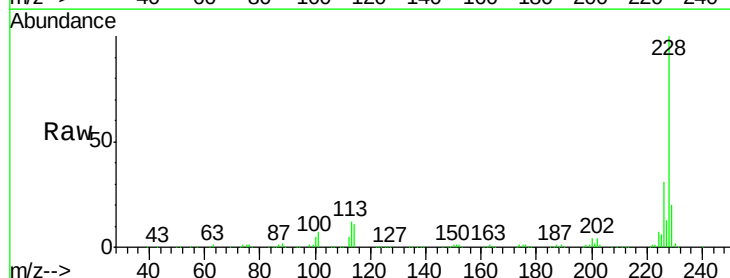
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

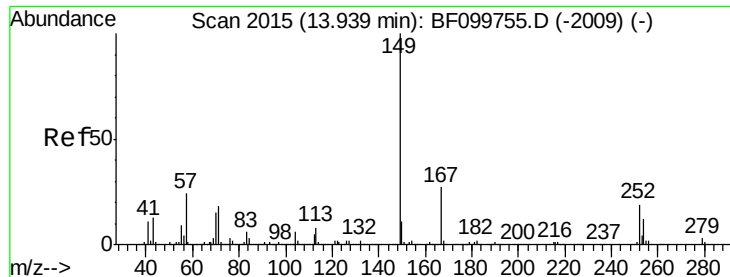
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.0	50.4	75.6
126	11.5	11.3	16.9



#82
 Chrysene
 Concen: 38.40 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	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: 44.96 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 :

EPE-120-3(20-22)MSD

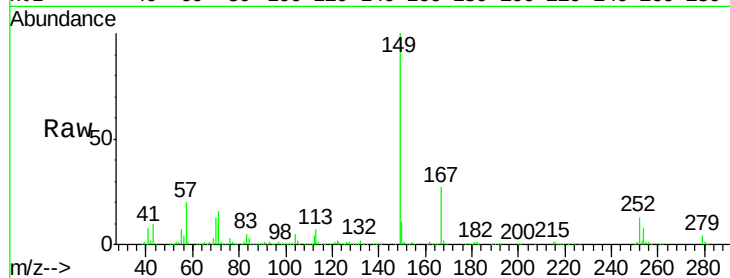
Tgt Ion:149 Resp: 354355

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

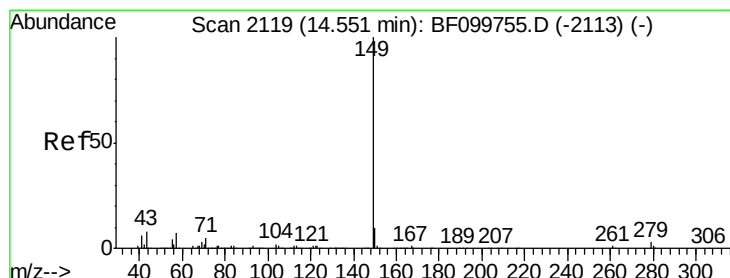
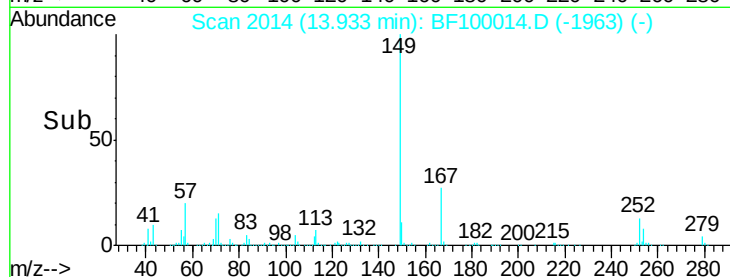
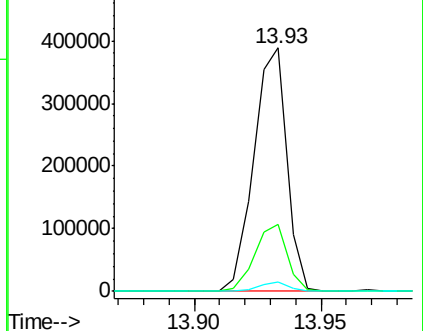
279 3.6 3.0 4.4



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: 40.07 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

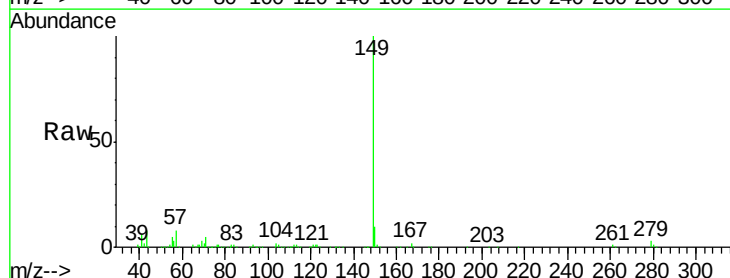
Tgt Ion:149 Resp: 542038

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

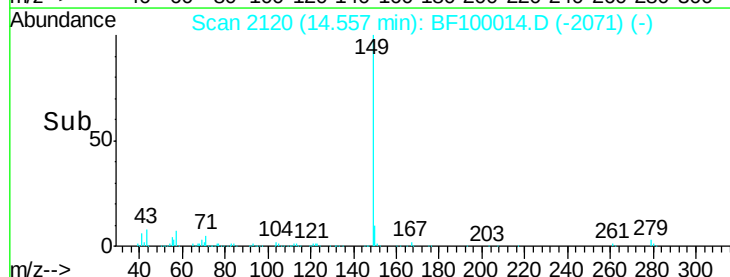
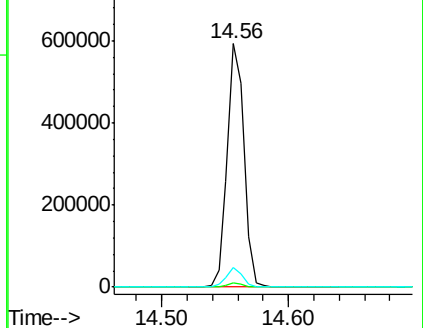
43 7.6 8.4 12.6#

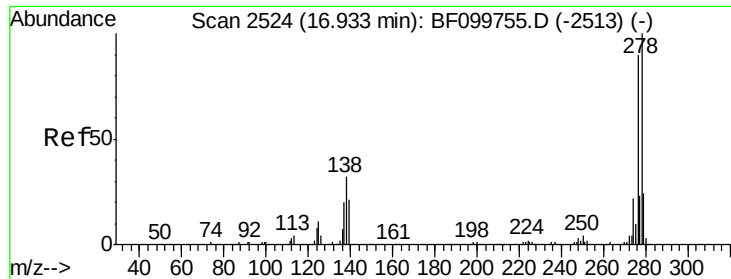


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

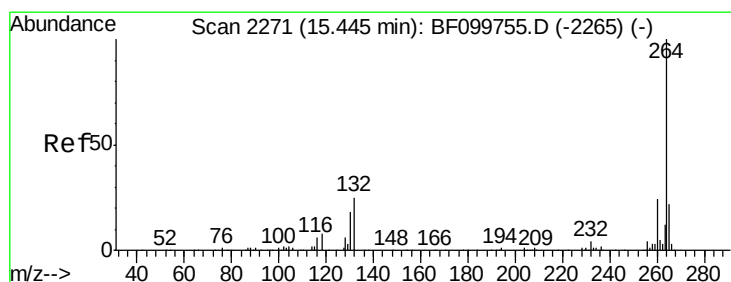
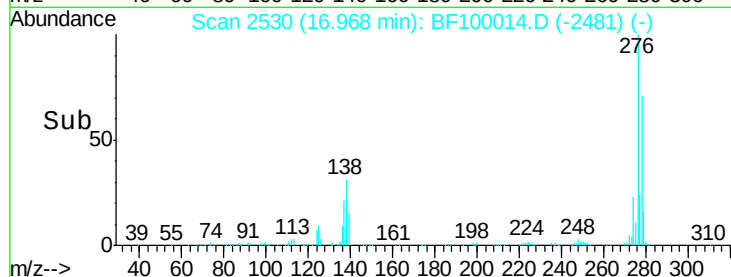
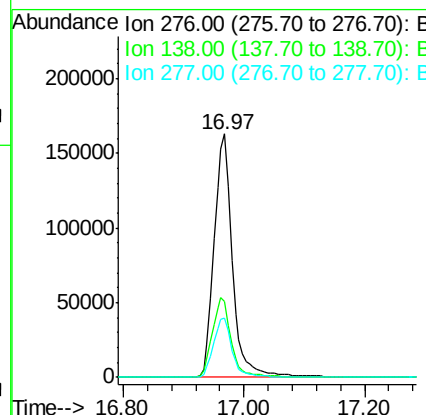
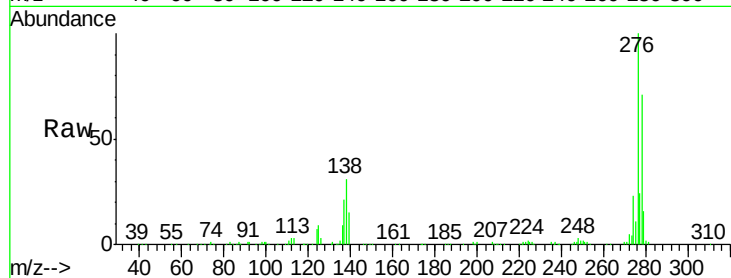




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.91 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

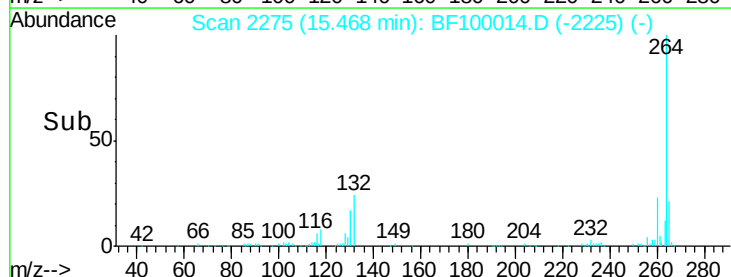
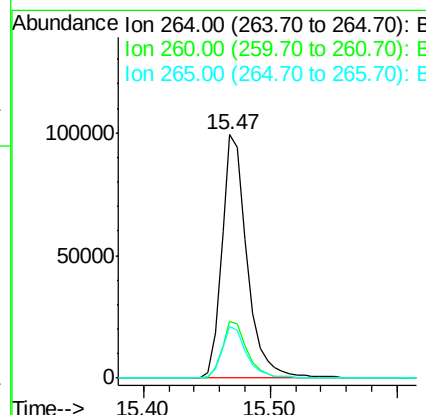
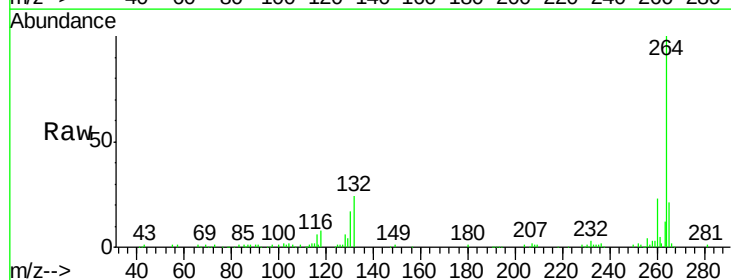
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

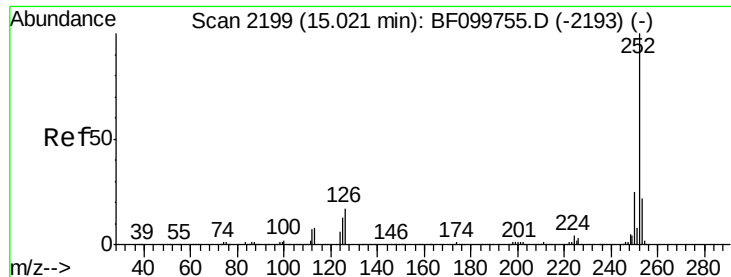
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	25.0	37.6
277	24.8	20.1	30.1



#86
Perylene-d12
Concen: 20.00 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

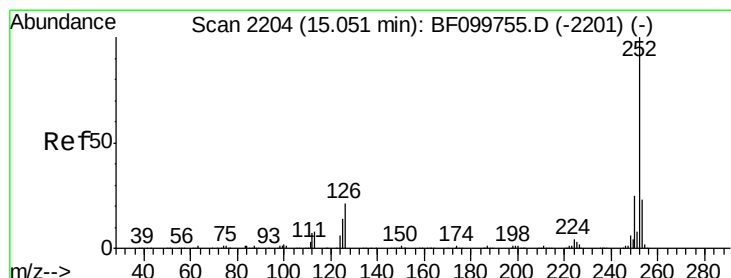
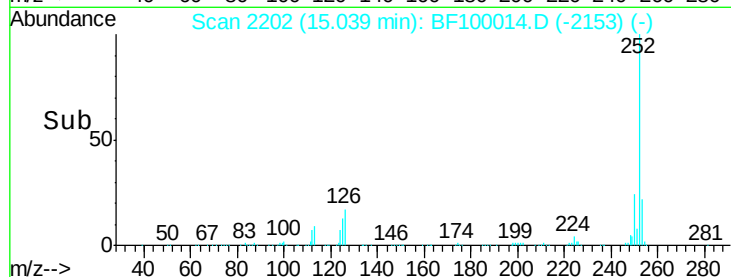
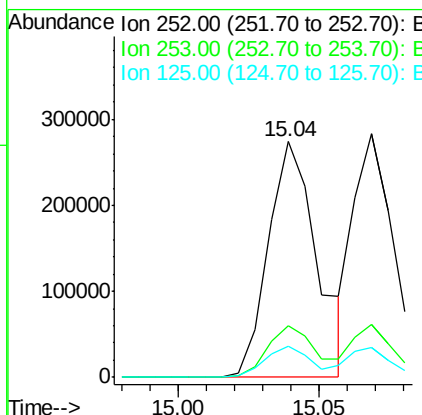
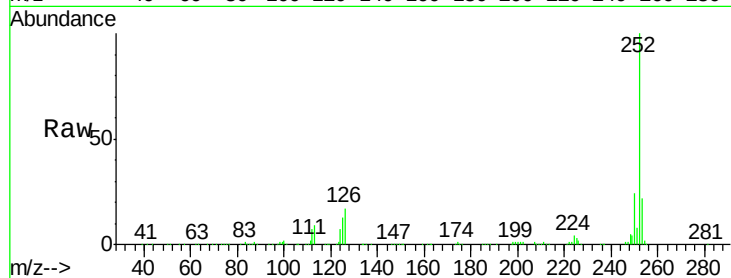




#87
Benzo(b)fluoranthene
Concen: 37.90 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

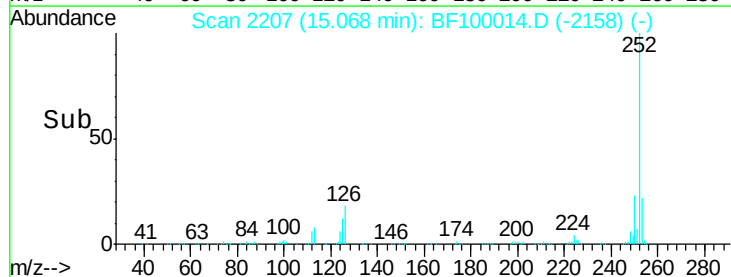
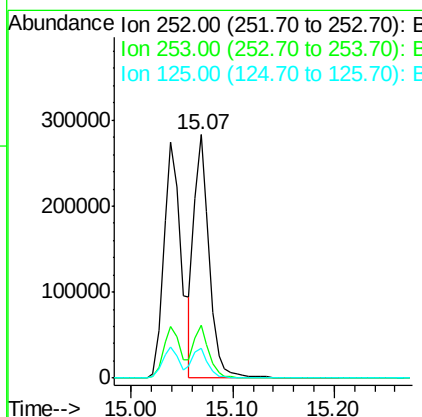
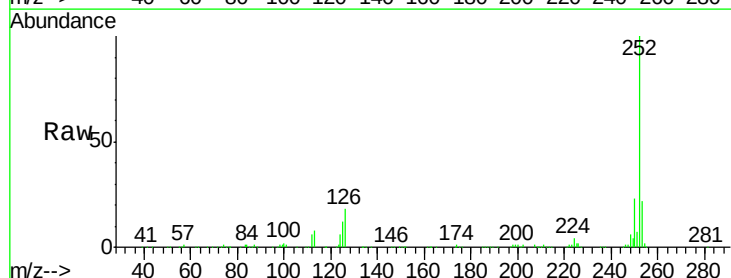
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

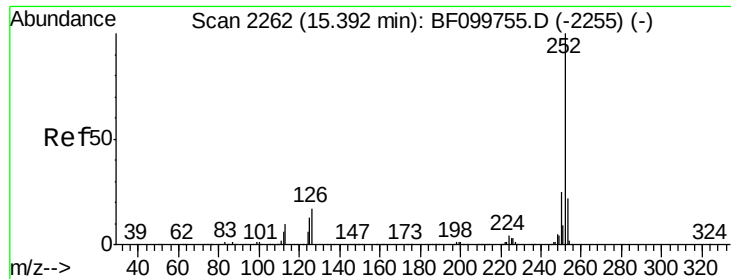
Tgt Ion:252 Resp: 328649
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.63 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: 39.15 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

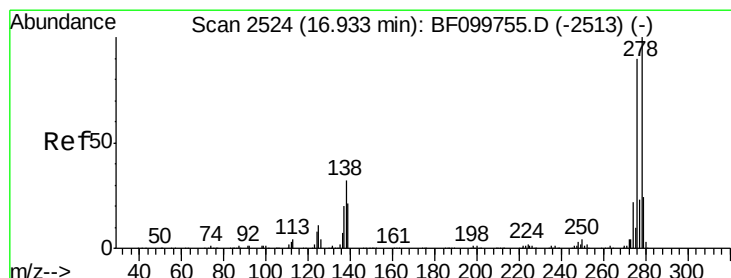
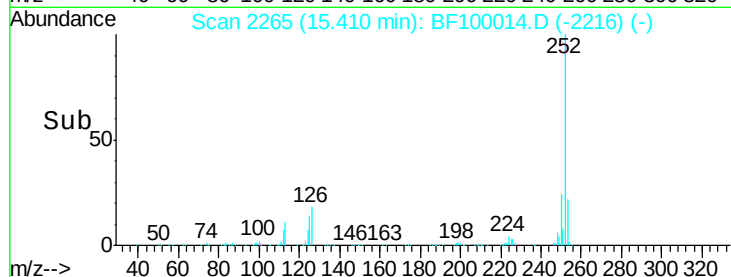
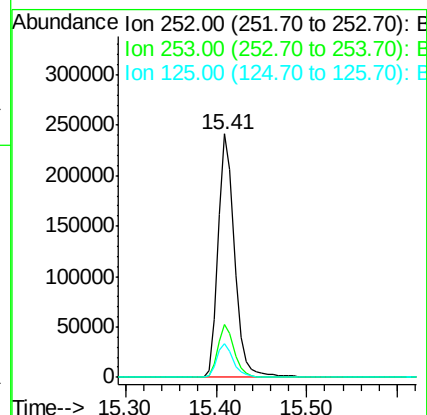
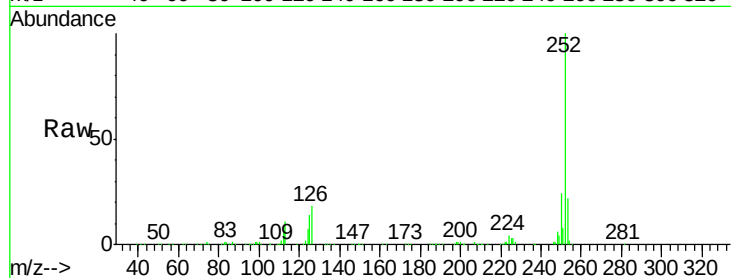
Instrument :

BNA_F

ClientSampleId :

EPE-120-3(20-22)MSD

Tgt Ion:	252	Resp:	304995
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	14.0	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 41.55 ng

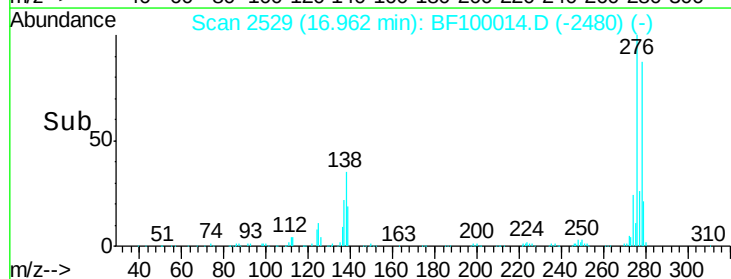
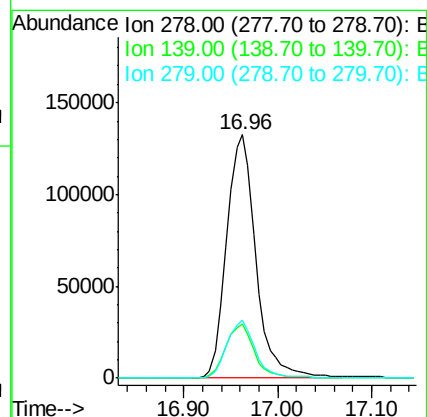
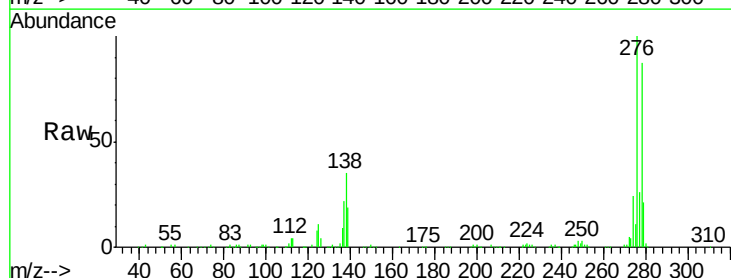
RT: 16.96 min Scan# 2529

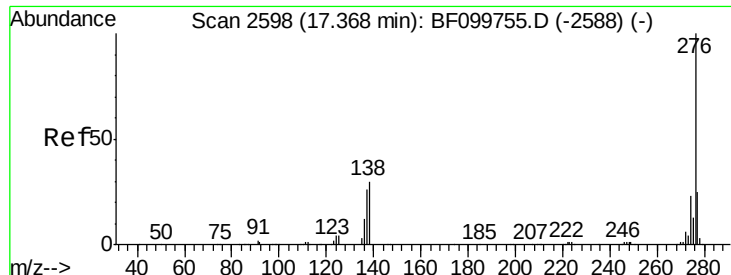
Delta R.T. -0.01 min

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





#91

Benzo(g,h,i)perylene

Concen: 42.34 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BF100014.D

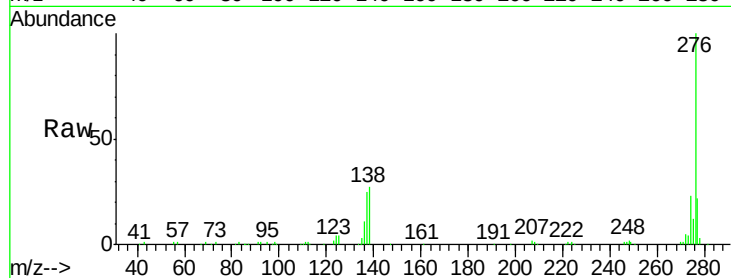
Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

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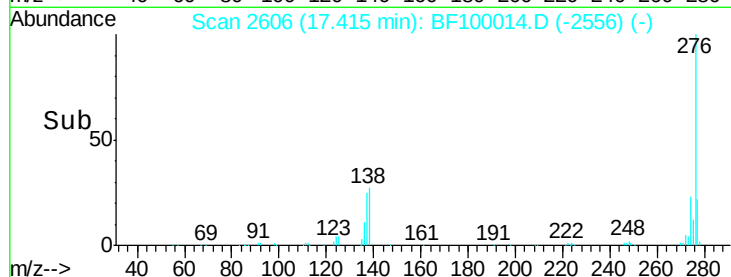
Tgt Ion: 276 Resp: 286758

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

