

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041118\
 Data File : BF104430.D
 Acq On : 11 Apr 2018 11:18
 Operator : JU/SJ
 Sample : J2301-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Quant Time: Apr 11 13:30:05 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144447	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588623	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	272612	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	488764	20.00	ng	0.00
75) Chrysene-d12	13.99	240	338953	20.00	ng	0.00
86) Perylene-d12	15.44	264	301552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	920944	97.49	ng	0.02
7) Phenol-d6	6.45	99	1258988	108.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	759905	84.30	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	325401	115.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1308328	75.82	ng	0.00
78) Terphenyl-d14	12.93	244	1330158	89.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	150396	34.167	ng	89
3) Pyridine	3.32	79	411164	33.223	ng	86
4) n-Nitrosodimethylamine	3.28	42	162230	37.500	ng	81
6) Aniline	6.47	93	329303	20.421	ng	96
8) 2-Chlorophenol	6.60	128	419343	42.057	ng	94
9) Benzaldehyde	6.36	77	291087	57.606	ng	95
10) Phenol	6.46	94	570914	46.357	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	403736	41.081	ng	94
12) 1,3-Dichlorobenzene	6.75	146	440999	39.041	ng	99
13) 1,4-Dichlorobenzene	6.83	146	444651	39.489	ng	98
14) 1,2-Dichlorobenzene	6.98	146	420577	40.306	ng	99
15) Benzyl Alcohol	6.95	79	361627	41.020	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	534557	40.502	ng	93
17) 2-Methylphenol	7.06	107	348280	40.184	ng	97
18) Hexachloroethane	7.32	117	164576	40.994	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	285817	37.683	ng	96
20) 3+4-Methylphenols	7.22	107	402282	37.424	ng	# 78
22) Acetophenone	7.22	105	558274	38.524	ng	96
24) Nitrobenzene	7.40	77	438829	44.092	ng	95
25) Isophorone	7.63	82	726706	38.123	ng	99
26) 2-Nitrophenol	7.71	139	237702	58.667	ng	94
27) 2,4-Dimethylphenol	7.75	122	327339	38.910	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	491334	42.157	ng	100
29) 2,4-Dichlorophenol	7.95	162	351519	43.792	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	360894	40.967	ng	99
31) Naphthalene	8.12	128	1127534	38.469	ng	100
32) Benzoic acid	7.87	122	232204	34.593	ng	97
33) 4-Chloroaniline	8.16	127	126040	10.037	ng	96
34) Hexachlorobutadiene	8.23	225	204933	42.471	ng	97
35) Caprolactam	8.55	113	74369	26.558	ng	# 80
36) 4-Chloro-3-methylphenol	8.65	107	377262	43.832	ng	98
37) 2-Methylnaphthalene	8.80	142	723628	38.167	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	319801	40.981	ng	99
40) Hexachlorocyclopentadiene	8.96	237	357207	81.763	ng	98

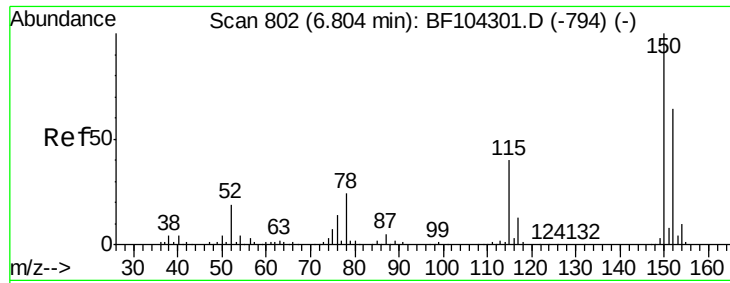
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041118\
 Data File : BF104430.D
 Acq On : 11 Apr 2018 11:18
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	245797	45.373	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	255052	42.073	ng	93
45) 1,1'-Biphenyl	9.27	154	924113	40.352	ng	99
46) 2-Chloronaphthalene	9.30	162	744103	41.135	ng	99
47) 2-Nitroaniline	9.39	65	234540	52.429	ng	97
48) Acenaphthylene	9.72	152	1100376	38.771	ng	99
49) Dimethylphthalate	9.58	163	994529	46.262	ng	99
50) 2,6-Dinitrotoluene	9.64	165	196704	49.449	ng	95
51) Acenaphthene	9.89	154	657617	37.976	ng	99
52) 3-Nitroaniline	9.80	138	81328	17.464	ng	97
53) 2,4-Dinitrophenol	9.92	184	185637	100.536	ng	# 21
54) Dibenzofuran	10.06	168	984572	40.799	ng	97
55) 4-Nitrophenol	9.97	139	343663	93.944	ng	95
56) 2,4-Dinitrotoluene	10.05	165	259439	49.722	ng	# 96
57) Fluorene	10.40	166	691289	39.356	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	198034	43.788	ng	95
59) Diethylphthalate	10.27	149	841409	39.300	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	343338	43.890	ng	99
61) 4-Nitroaniline	10.43	138	201354	44.220	ng	97
62) Azobenzene	10.55	77	820245	40.100	ng	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	143075	58.253	ng	87
65) n-Nitrosodiphenylamine	10.52	169	705199	41.613	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	227822	43.821	ng	97
67) Hexachlorobenzene	10.95	284	251467	42.987	ng	95
68) Atrazine	11.05	200	230122	44.987	ng	99
69) Pentachlorophenol	11.15	266	275343	76.082	ng	98
70) Phenanthrene	11.36	178	1047078	38.469	ng	99
71) Anthracene	11.42	178	1063642	38.442	ng	99
72) Carbazole	11.57	167	1080705	39.972	ng	99
73) Di-n-butylphthalate	11.90	149	1300443	39.375	ng	99
74) Fluoranthene	12.55	202	1063945	37.412	ng	99
76) Benzidine	12.67	184	460565	40.119	ng	98
77) Pyrene	12.79	202	1083790	43.137	ng	100
79) Butylbenzylphthalate	13.40	149	539923	45.615	ng	99
80) Benzo(a)anthracene	13.97	228	813847	40.191	ng	100
81) 3,3'-Dichlorobenzidine	13.94	252	200808	26.597	ng	99
82) Chrysene	14.02	228	813142	39.095	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	695869	45.707	ng	99
84) Di-n-octyl phthalate	14.59	149	1093060	42.968	ng	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	823834	46.627	ng	97
87) Benzo(b)fluoranthene	15.02	252	753504	39.563	ng	97
88) Benzo(k)fluoranthene	15.06	252	657646	36.575	ng	98
89) Benzo(a)pyrene	15.39	252	667888	39.193	ng	97
90) Dibenzo(a,h)anthracene	16.92	278	671573	47.984	ng	99
91) Benzo(g,h,i)perylene	17.34	276	700481	51.660	ng	96

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

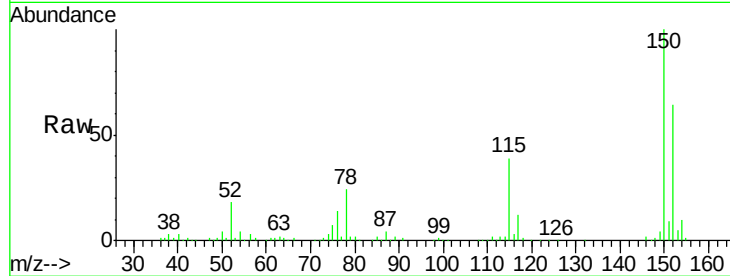


#1

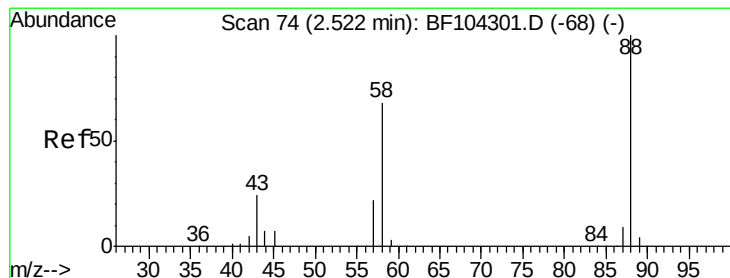
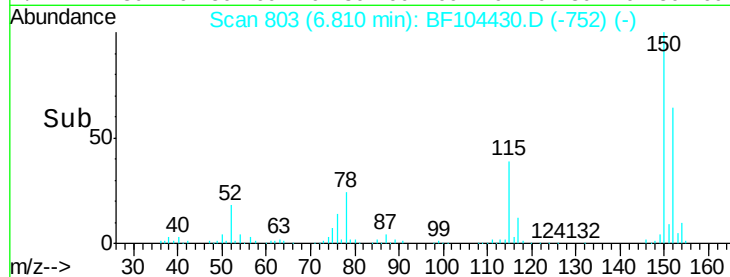
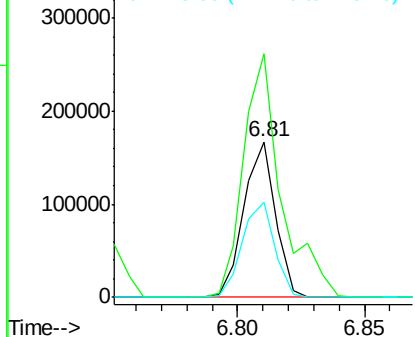
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tgt Ion:152 Resp: 144447
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 60.7 50.1 75.1



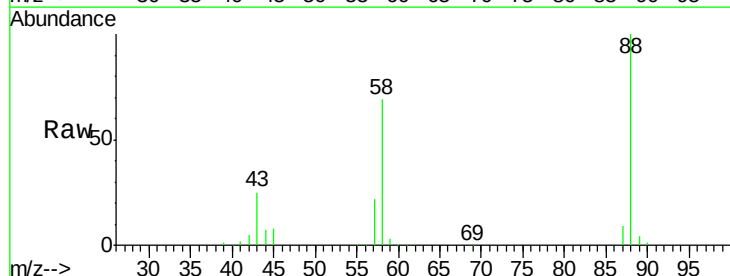
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



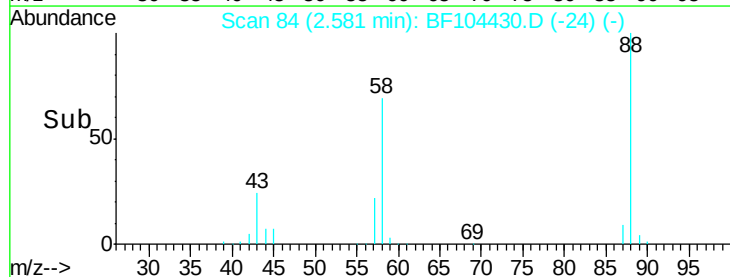
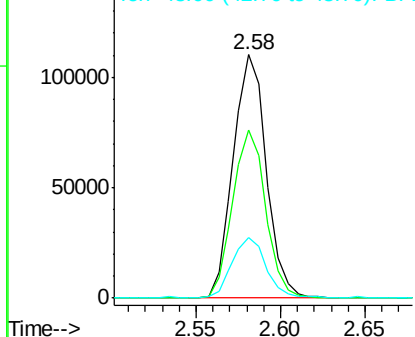
#2

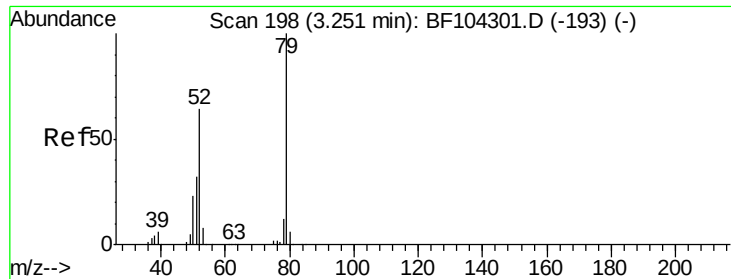
1,4-Dioxane
Concen: 34.167 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.05 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion: 88 Resp: 150396
Ion Ratio Lower Upper
88 100
58 69.1 62.6 93.8
43 24.8 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: 33.223 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.06 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

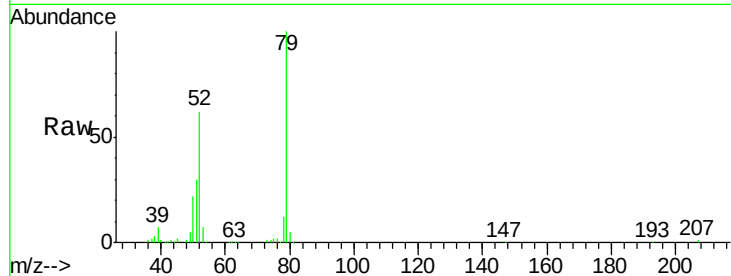
Tgt Ion: 79 Resp: 411164

Ion Ratio Lower Upper

79 100

52 61.7 59.8 89.6

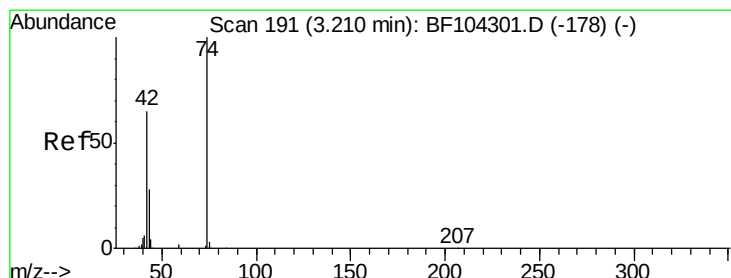
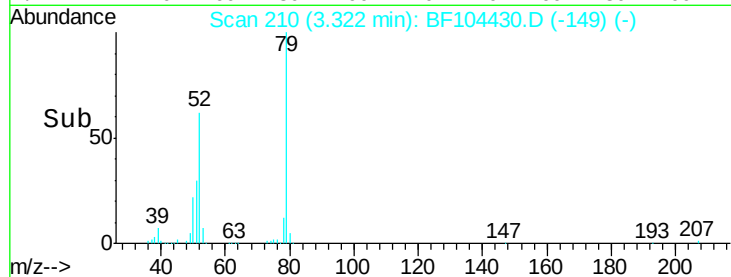
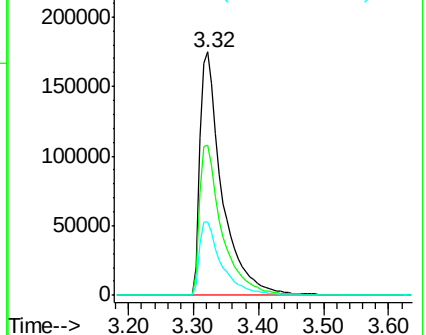
51 30.3 29.8 44.8



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: 37.500 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.06 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

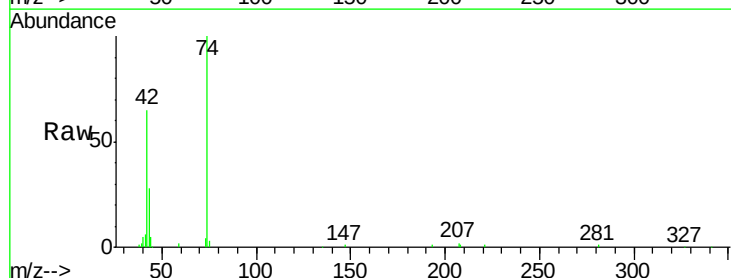
Tgt Ion: 42 Resp: 162230

Ion Ratio Lower Upper

42 100

74 154.7 104.9 157.3

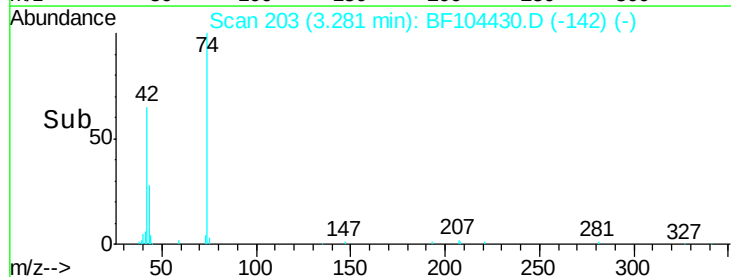
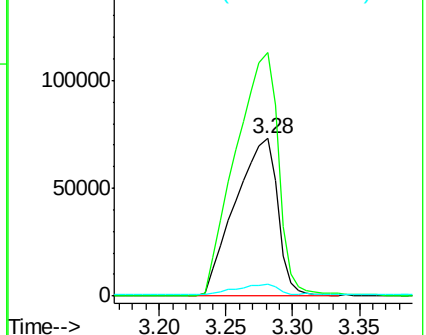
44 7.6 6.9 10.3

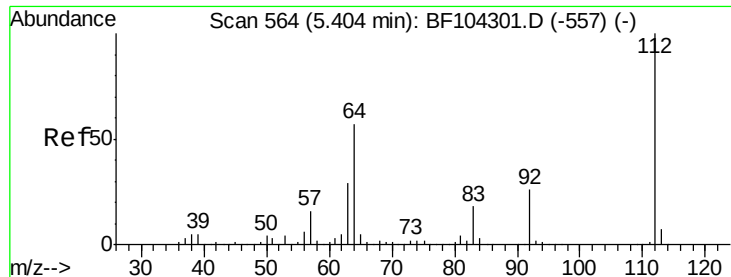


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.487 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

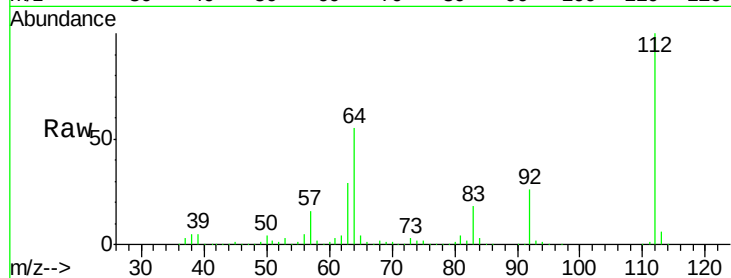
Tgt Ion: 112 Resp: 920944

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

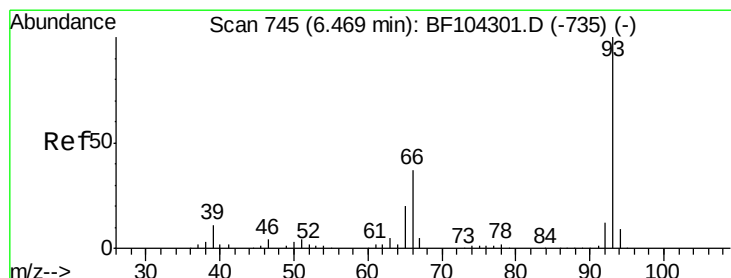
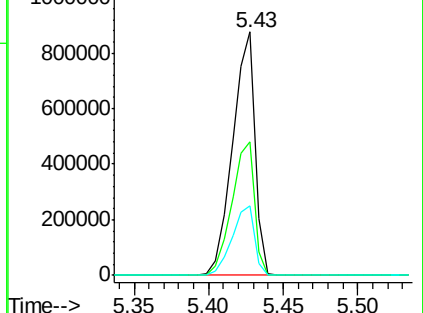
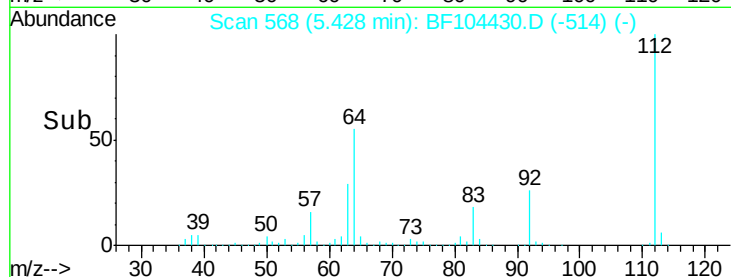
63 28.7 23.7 35.5



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: 20.421 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

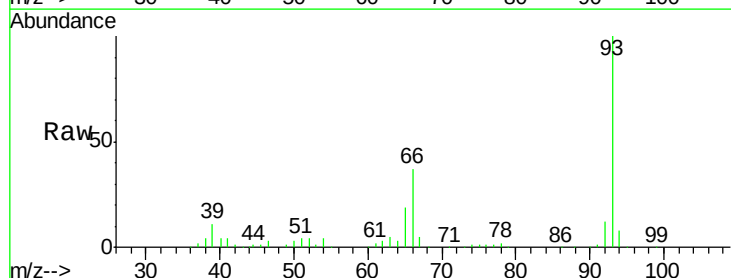
Tgt Ion: 93 Resp: 329303

Ion Ratio Lower Upper

93 100

66 37.4 32.2 48.2

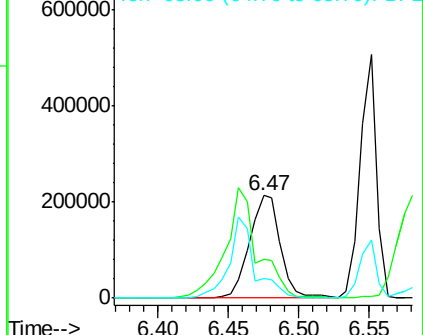
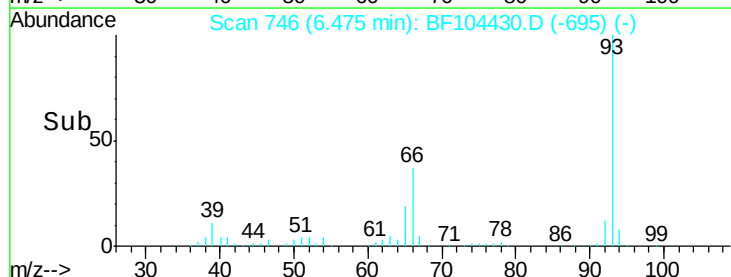
65 19.3 16.4 24.6

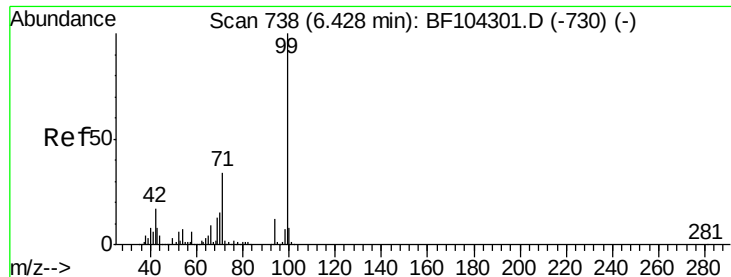


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.467 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104430.D

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EPE-L-6(0-5)MSD

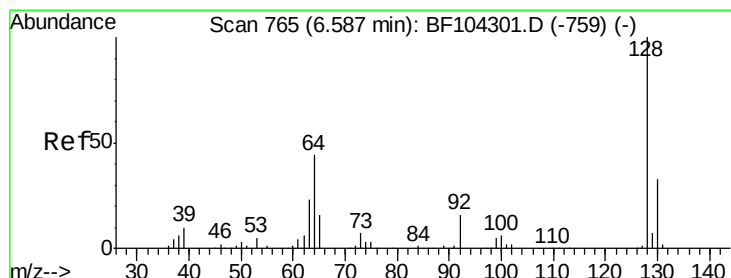
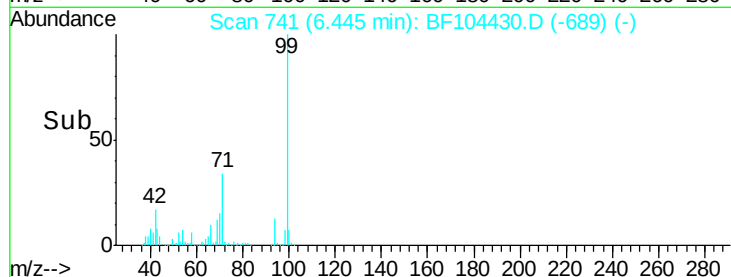
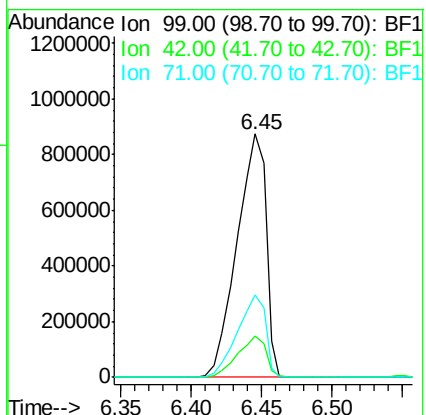
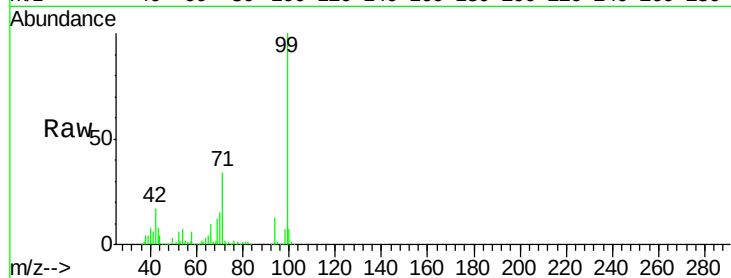
Tgt Ion: 99 Resp: 1258988

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 33.9 25.4 38.0



#8

2-Chlorophenol

Concen: 42.057 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

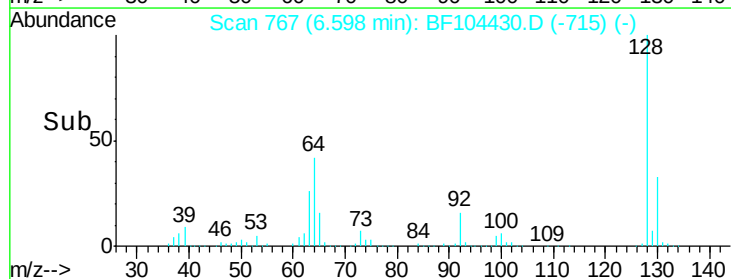
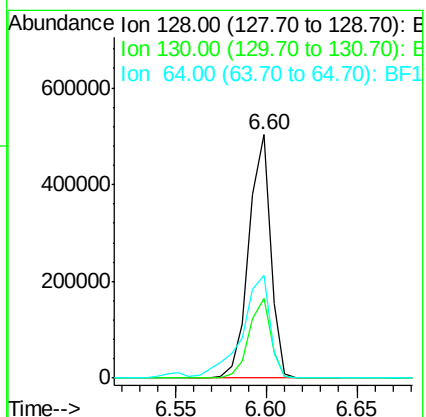
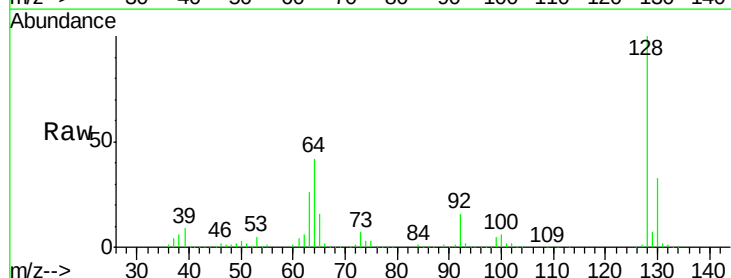
Tgt Ion: 128 Resp: 419343

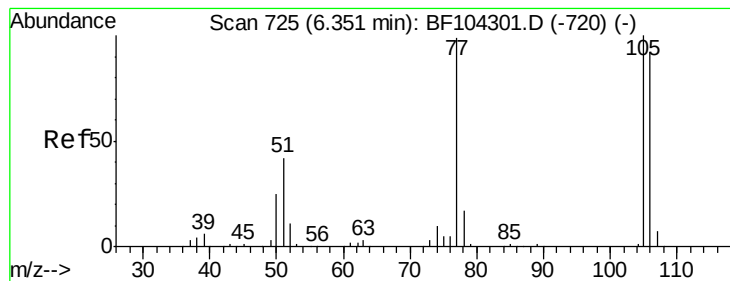
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 42.2 29.4 69.4





#9

Benzaldehyde

Concen: 57.606 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF104430.D

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Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

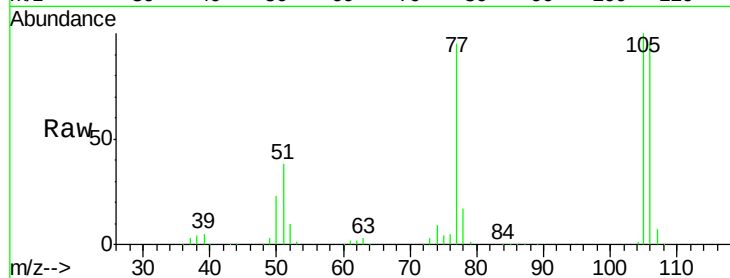
Tgt Ion: 77 Resp: 291087

Ion Ratio Lower Upper

77 100

105 105.7 81.1 121.1

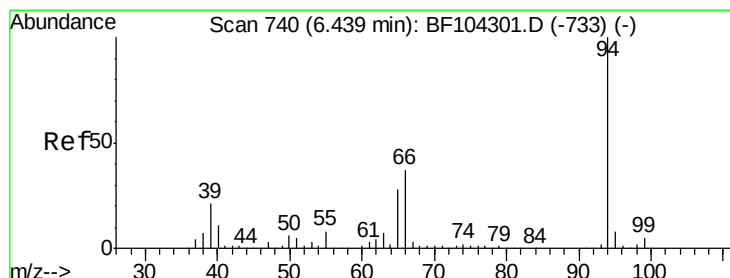
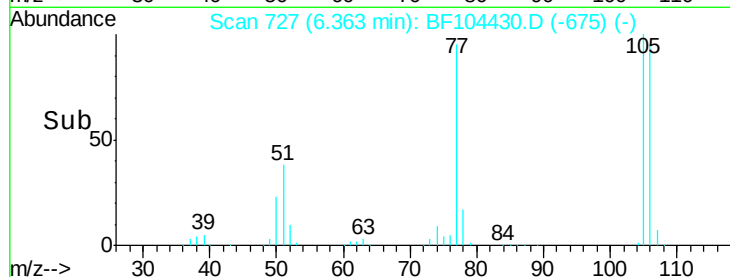
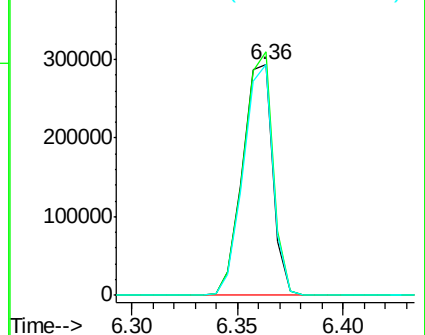
106 100.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 46.357 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

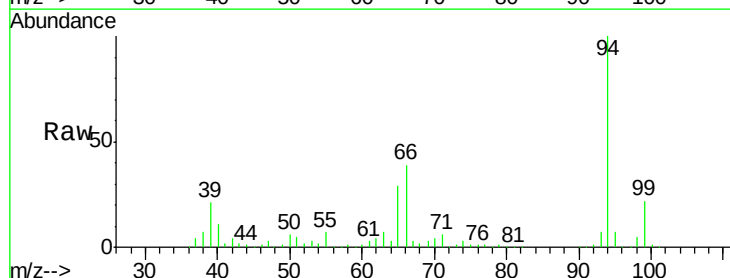
Tgt Ion: 94 Resp: 570914

Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

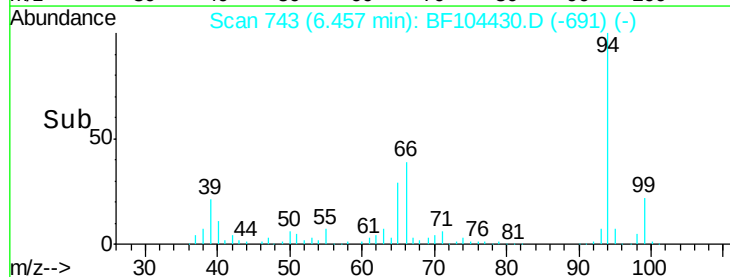
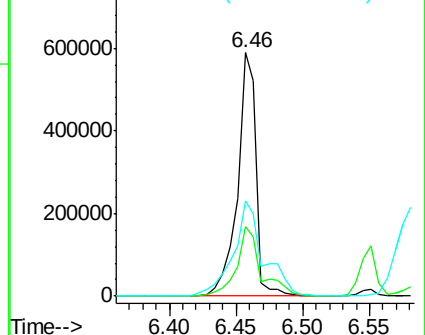
66 39.2 16.2 56.2

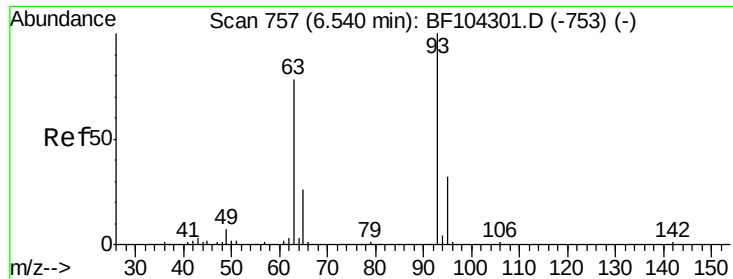


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

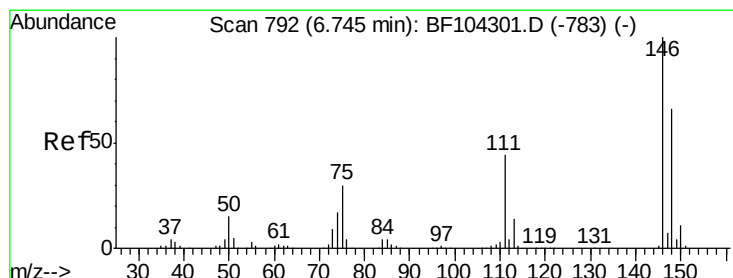
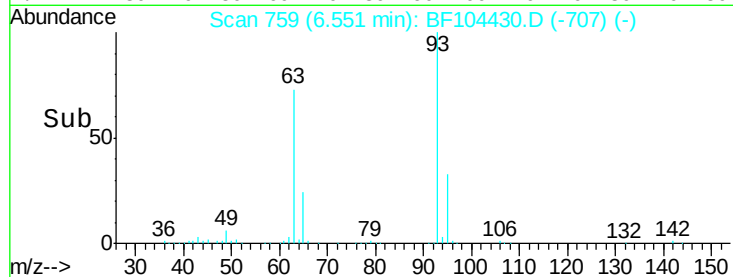
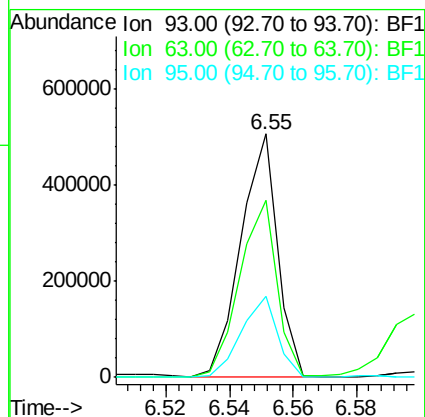
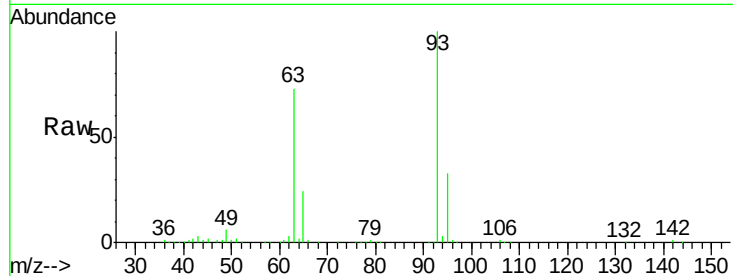




#11
 bis(2-Chloroethyl)ether
 Concen: 41.081 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

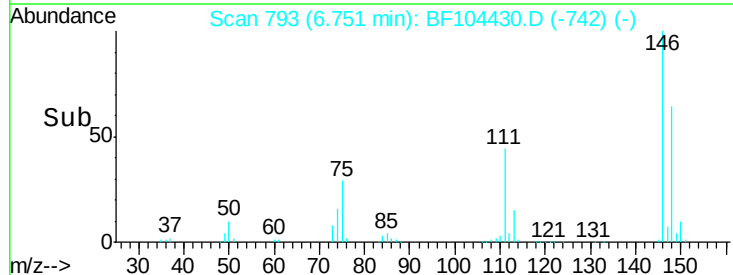
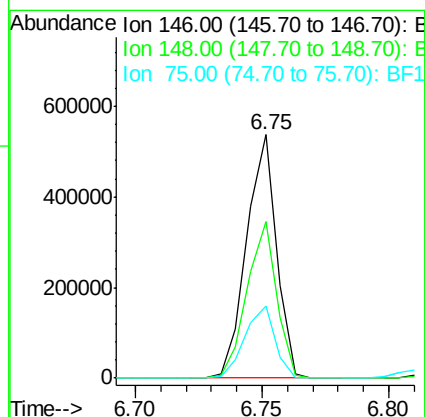
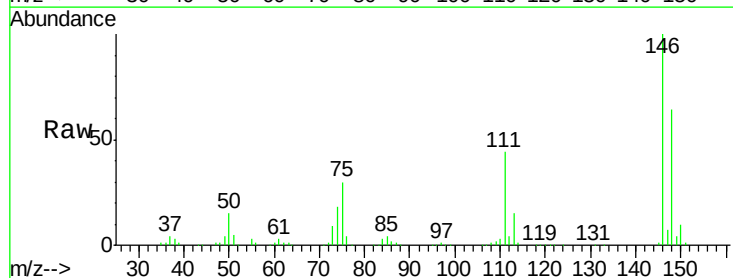
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

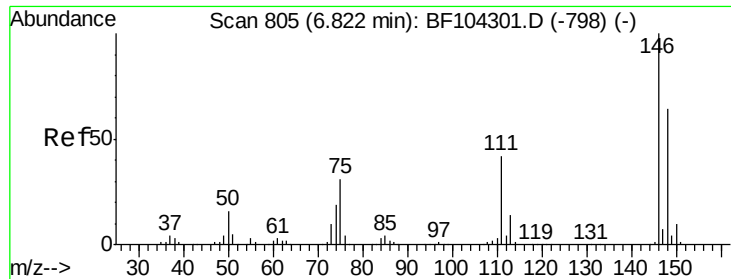
Tgt Ion: 93 Resp: 403736
 Ion Ratio Lower Upper
 93 100
 63 72.7 58.6 98.6
 95 33.3 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.041 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion: 146 Resp: 440999
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 75 29.8 24.2 36.4

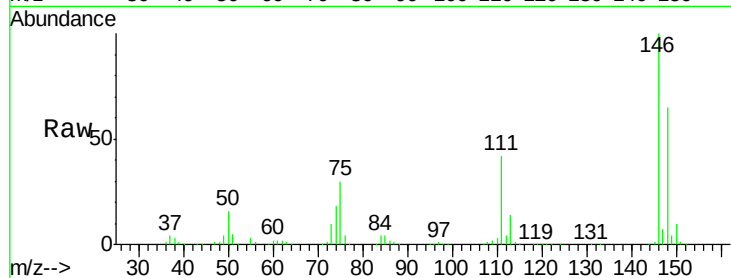




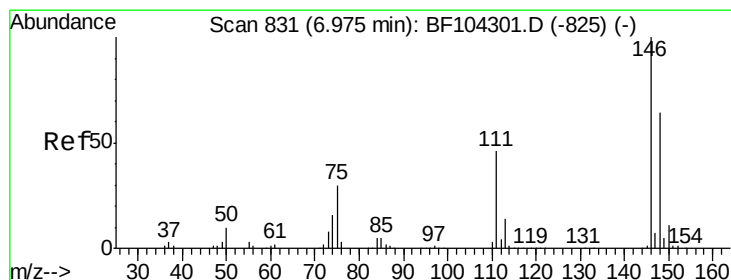
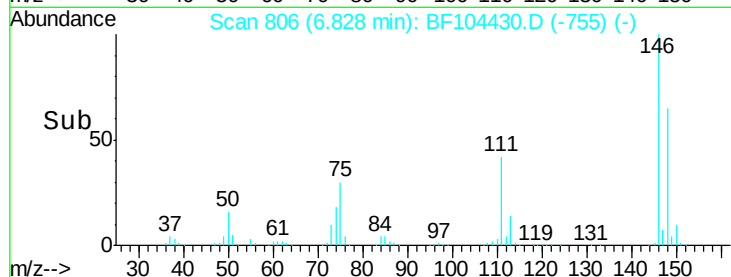
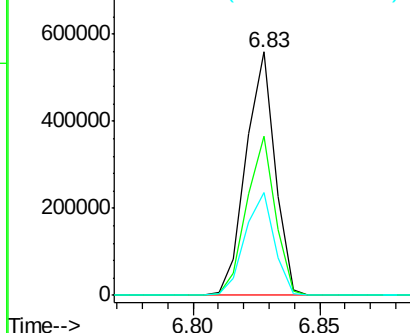
#13
 1,4-Dichlorobenzene
 Concen: 39.489 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tgt Ion:146 Resp: 444651
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 111 42.3 34.2 51.2

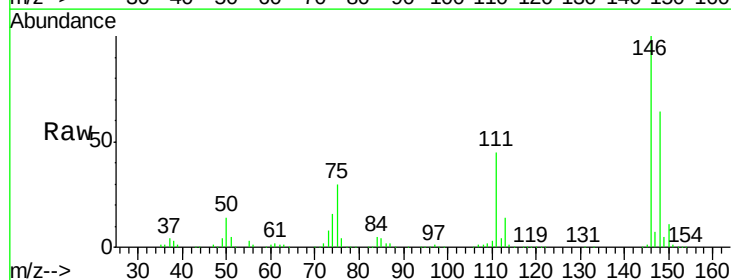


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

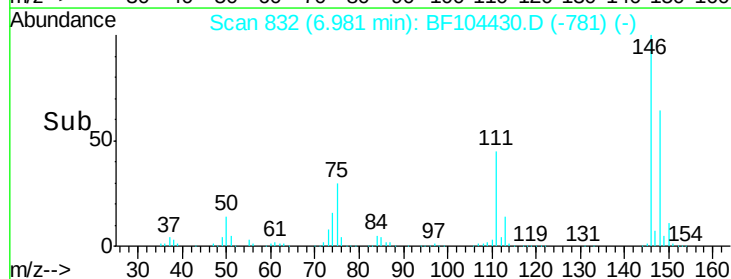
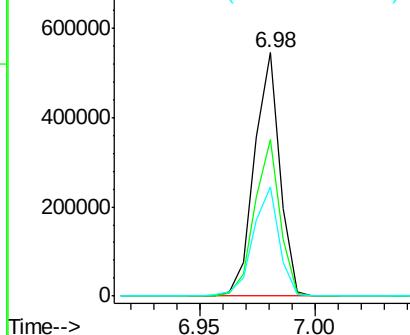


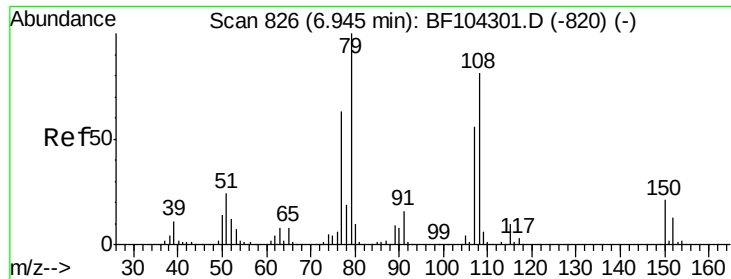
#14
 1,2-Dichlorobenzene
 Concen: 40.306 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion:146 Resp: 420577
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 44.8 36.0 54.0



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

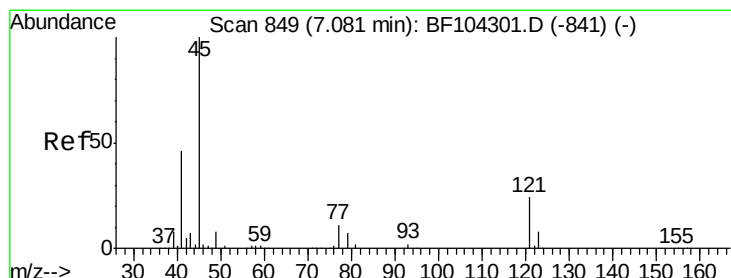
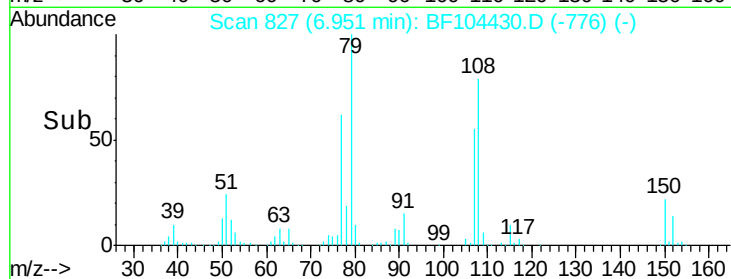
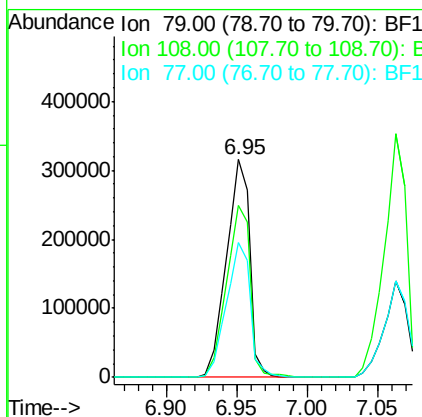
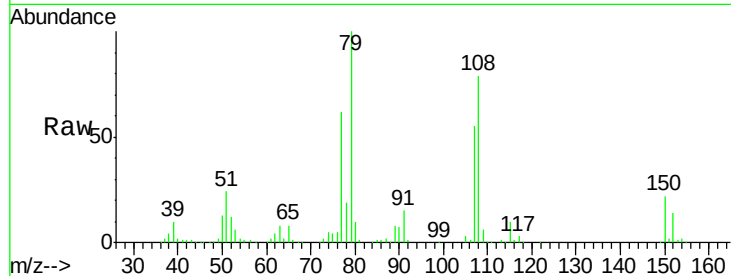




#15
Benzyl Alcohol
Concen: 41.020 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

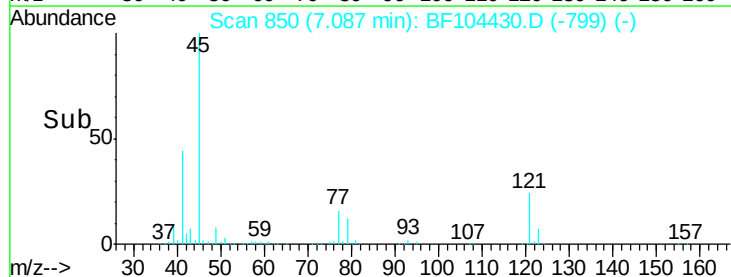
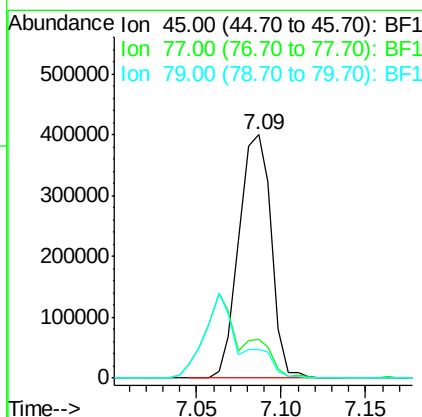
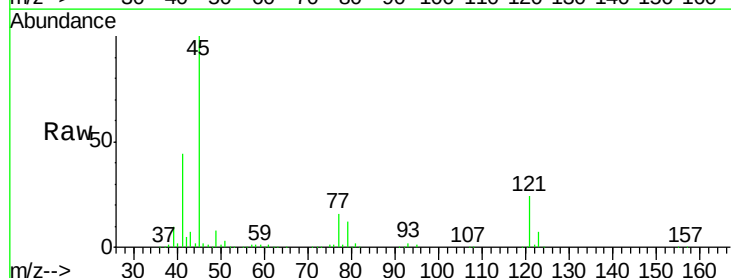
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

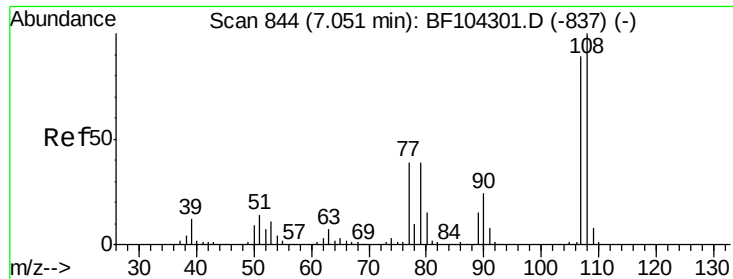
Tgt Ion: 79 Resp: 361627
Ion Ratio Lower Upper
79 100
108 78.8 65.1 97.7
77 61.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.502 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion: 45 Resp: 534557
Ion Ratio Lower Upper
45 100
77 15.7 0.0 32.9
79 11.9 0.0 29.6

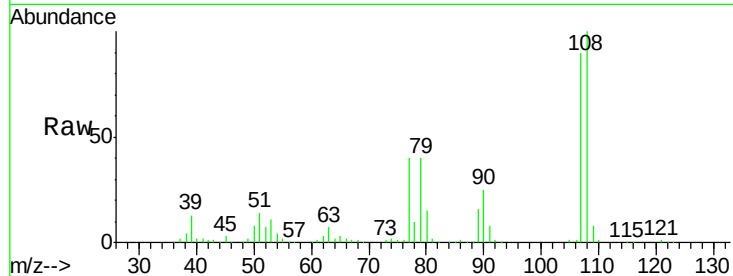




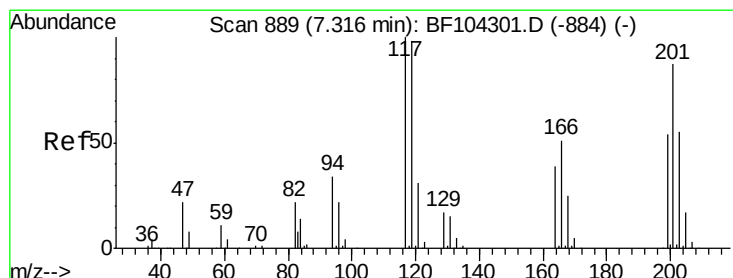
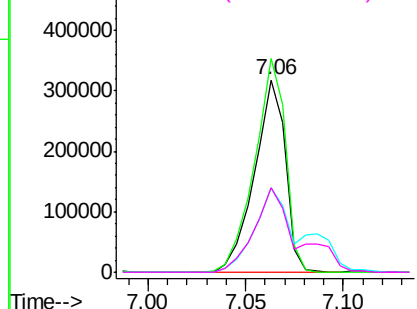
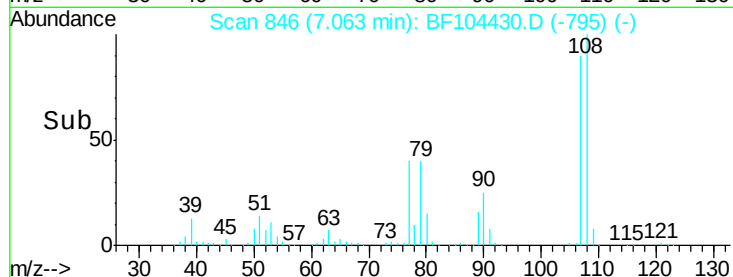
#17
2-Methylphenol
Concen: 40.184 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tgt Ion:107 Resp: 348280
Ion Ratio Lower Upper
107 100
108 111.0 91.7 137.5
77 43.9 33.8 50.8
79 44.0 33.8 50.8

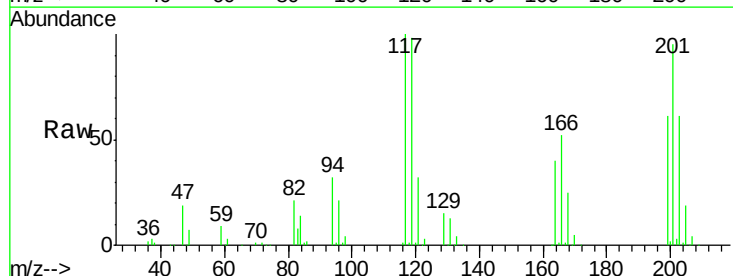


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

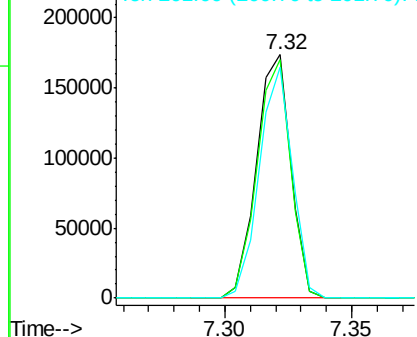
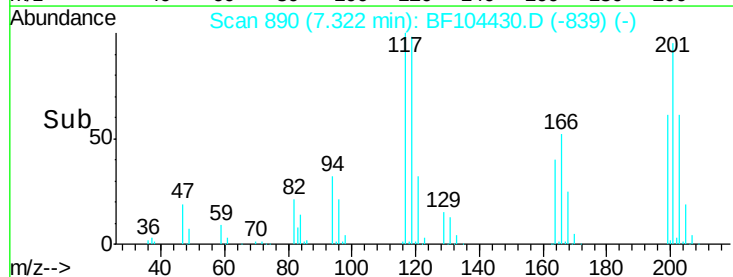


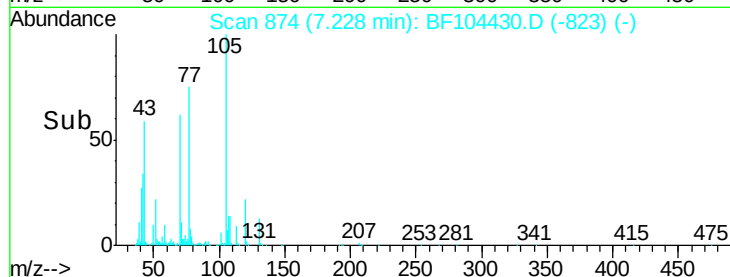
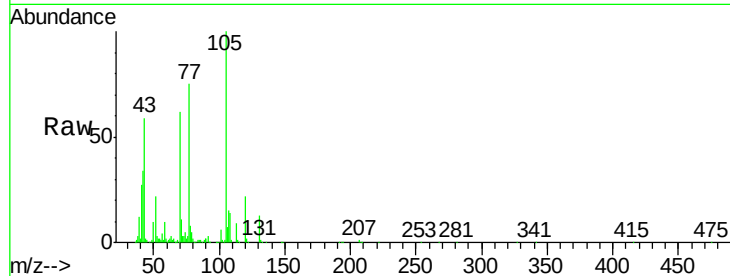
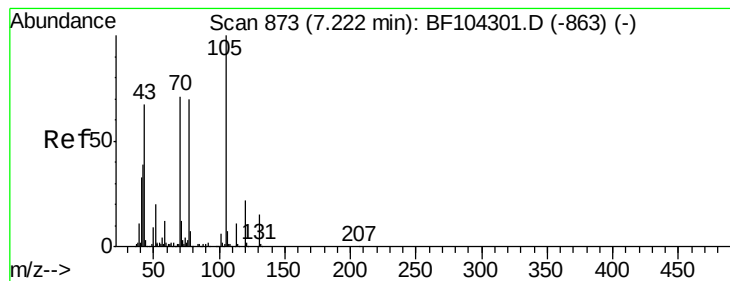
#18
Hexachloroethane
Concen: 40.994 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion:117 Resp: 164576
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
201 94.6 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: 37.683 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

Tgt Ion: 70 Resp: 285817

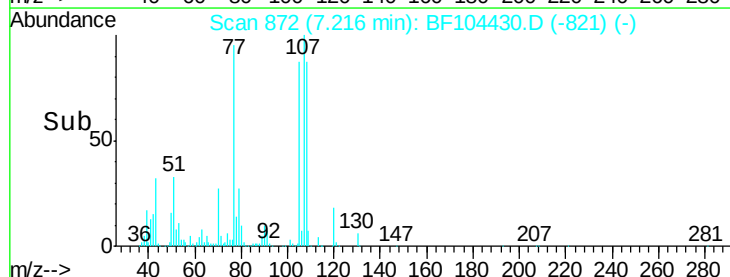
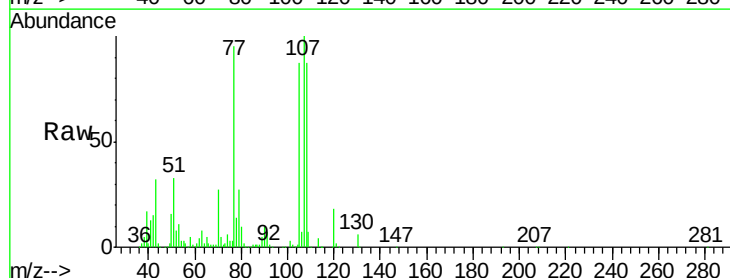
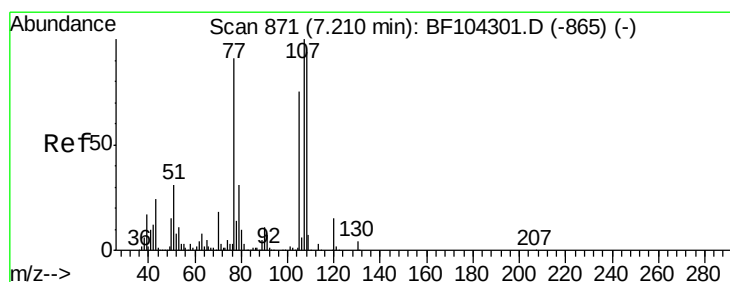
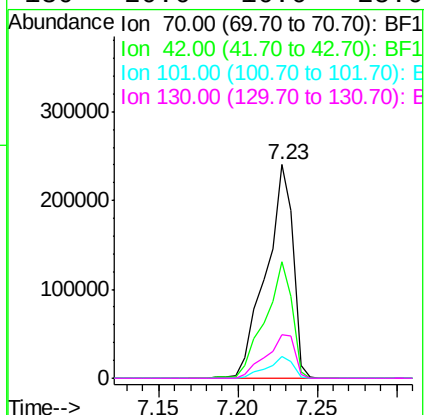
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 9.9 7.4 11.2

130 20.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.424 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion: 107 Resp: 402282

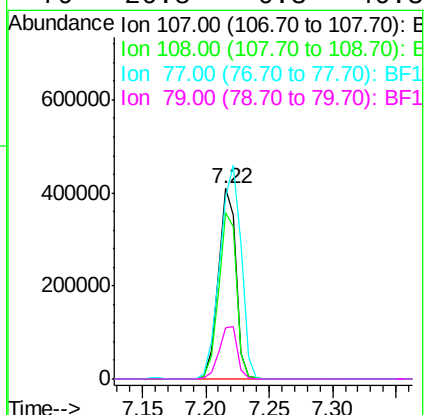
Ion Ratio Lower Upper

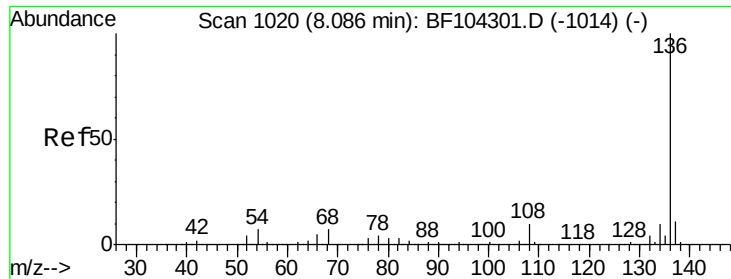
107 100

108 87.3 68.2 108.2

77 95.4 26.7 66.7#

79 26.8 6.3 46.3

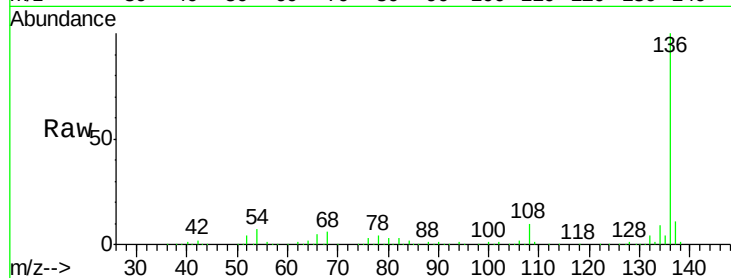




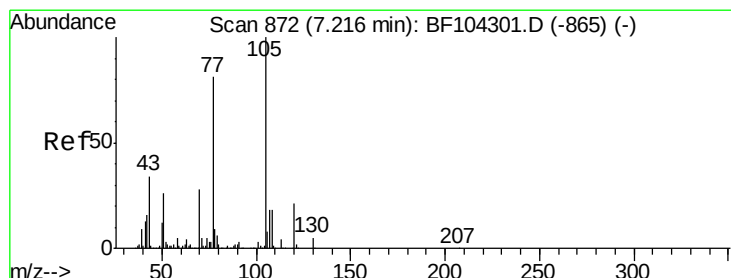
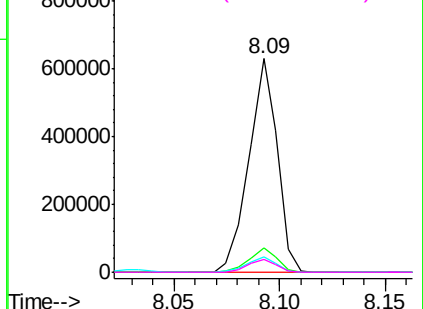
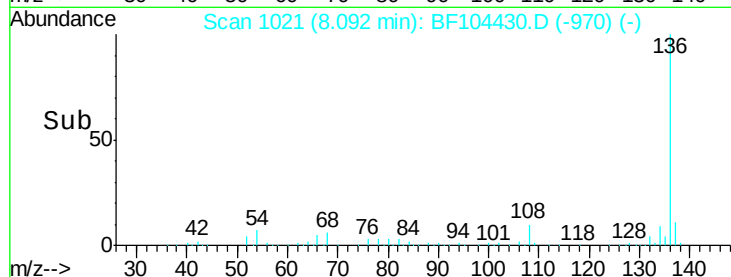
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tgt Ion:	136	Resp:	588623
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4

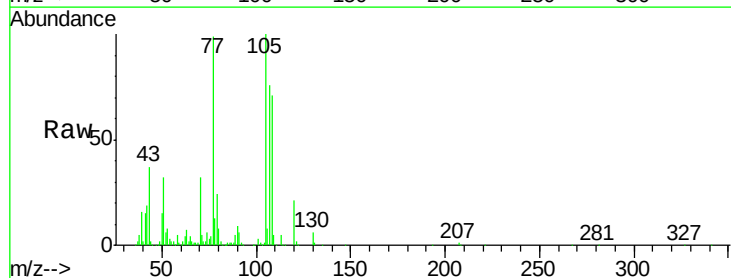


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

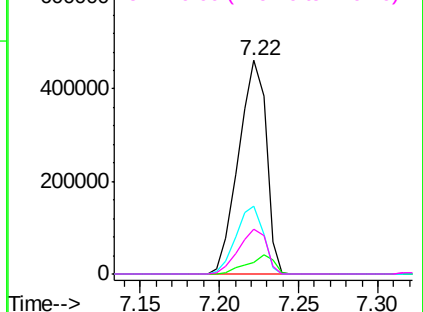
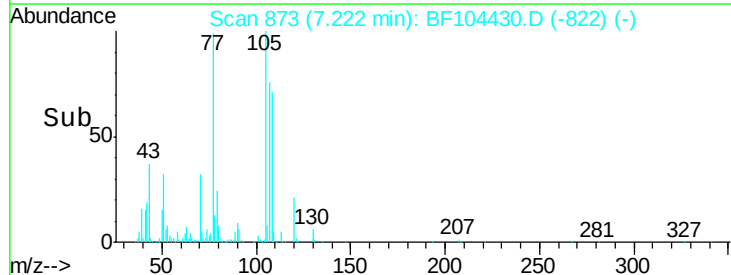


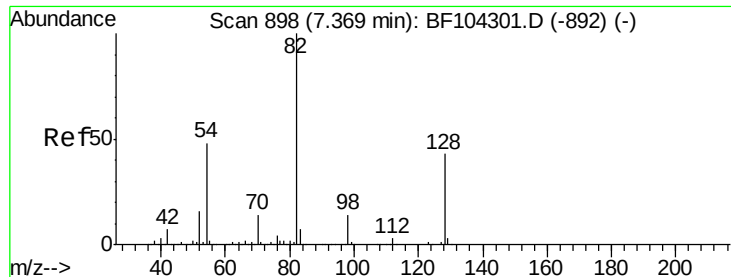
#22
Acetophenone
Concen: 38.524 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion:	105	Resp:	558274
Ion Ratio	Lower	Upper	
105	100		
71	5.4	4.4	6.6
51	31.5	22.3	33.5
120	20.7	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

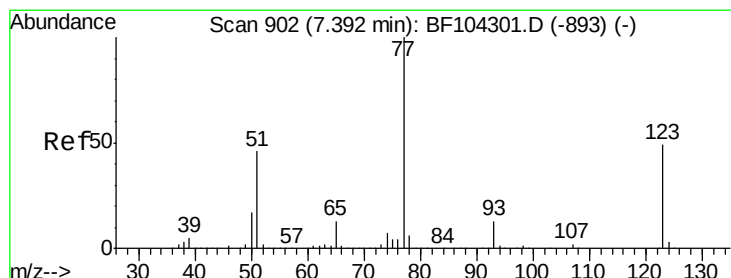
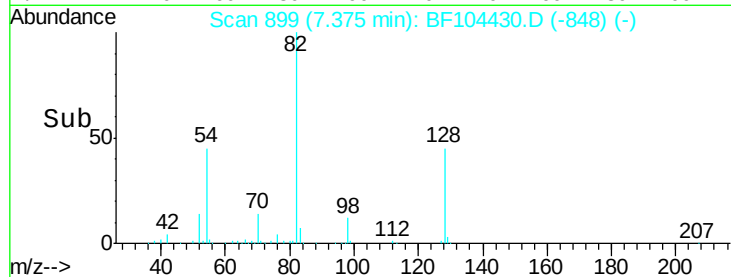
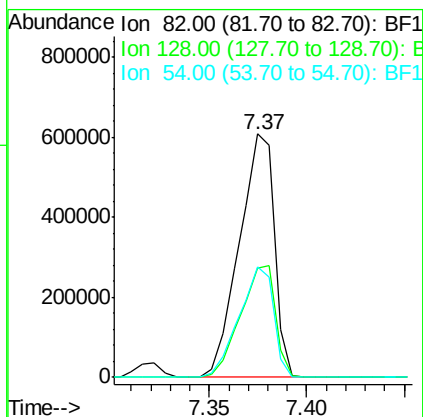
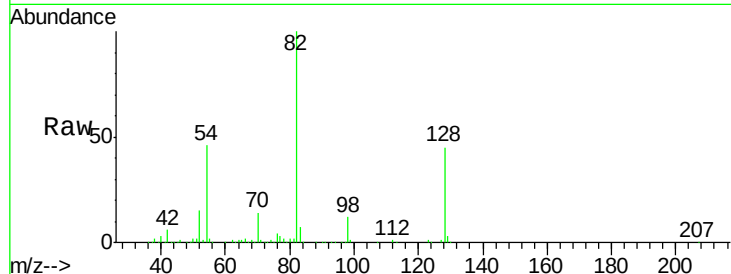




#23
 Nitrobenzene-d5
 Concen: 84.299 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

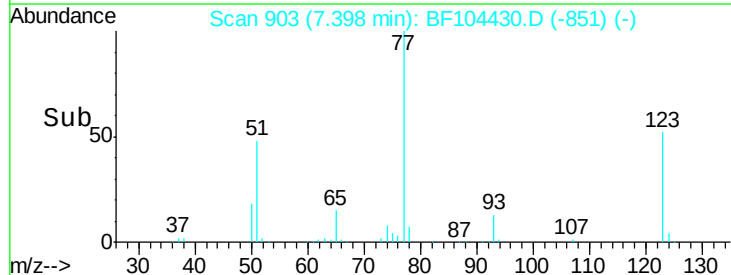
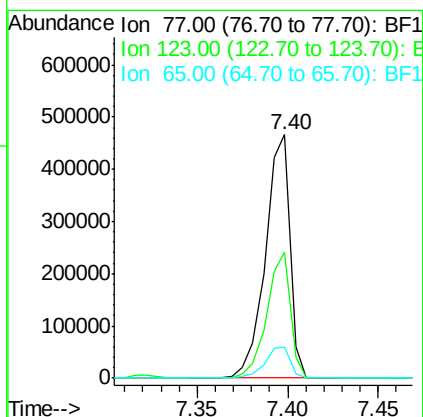
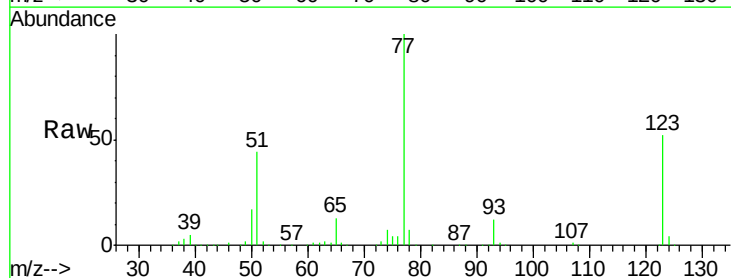
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

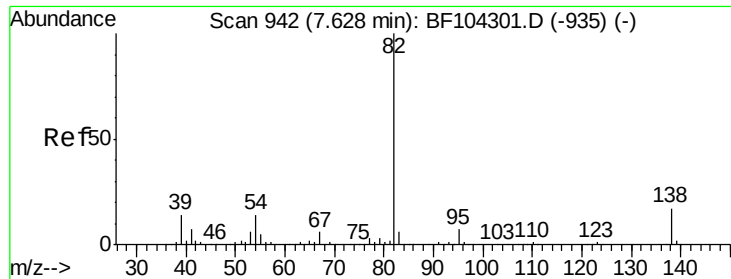
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	45.6	41.4	62.2



#24
 Nitrobenzene
 Concen: 44.092 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	37.9	56.9
65	13.0	11.0	16.4

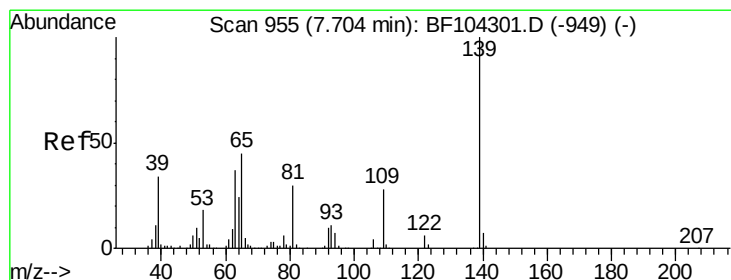
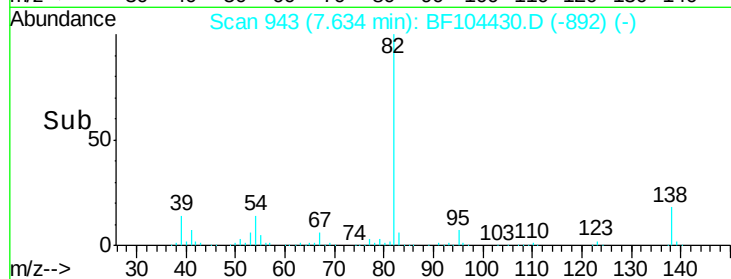
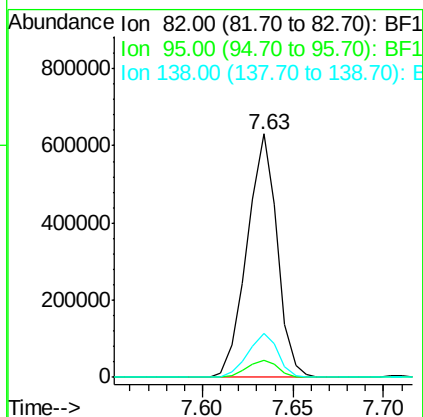
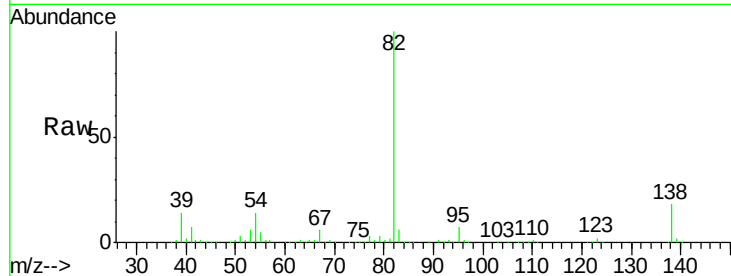




#25
Isophorone
Concen: 38.123 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

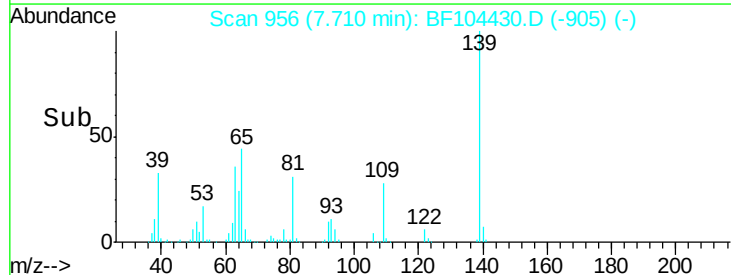
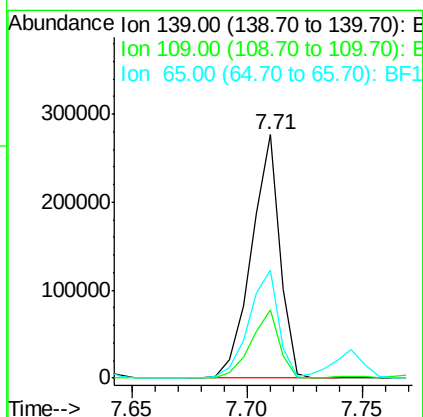
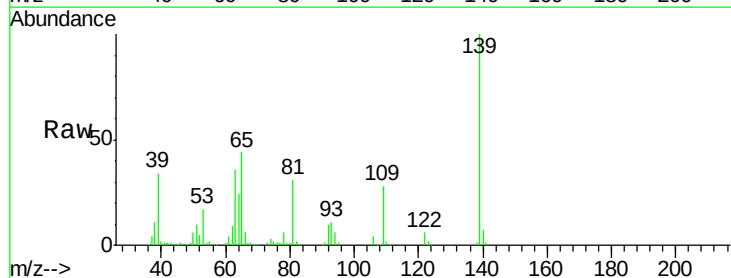
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

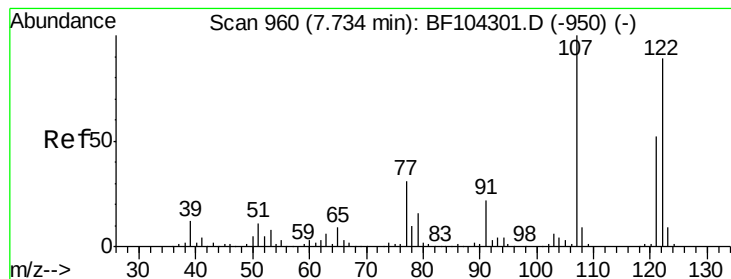
Tgt Ion: 82 Resp: 726706
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 18.1 14.9 22.3



#26
2-Nitrophenol
Concen: 58.667 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion: 139 Resp: 237702
Ion Ratio Lower Upper
139 100
109 27.9 22.7 34.1
65 44.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.910 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

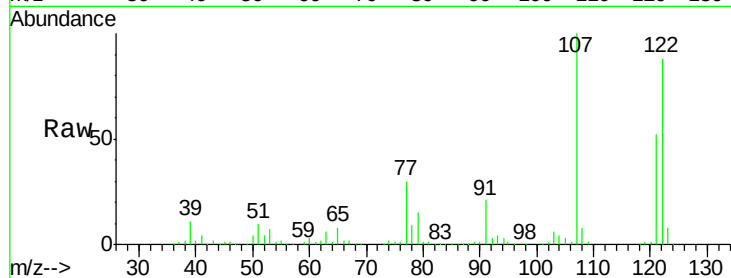
Tgt Ion:122 Resp: 327339

Ion Ratio Lower Upper

122 100

107 114.2 91.2 136.8

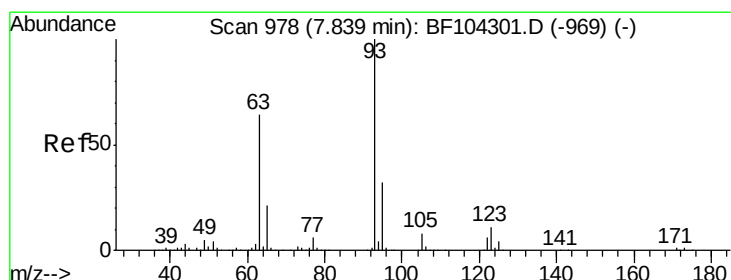
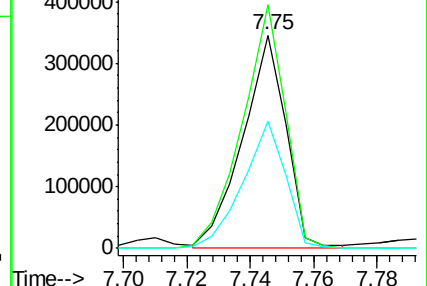
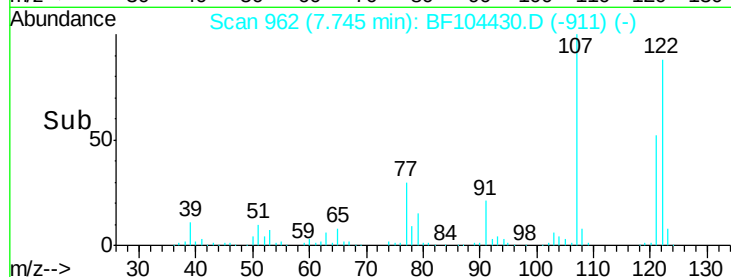
121 59.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.157 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

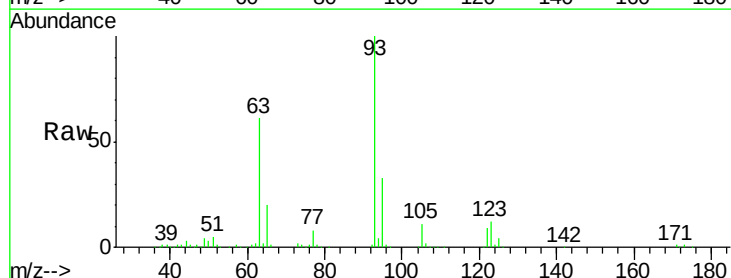
Tgt Ion: 93 Resp: 491334

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

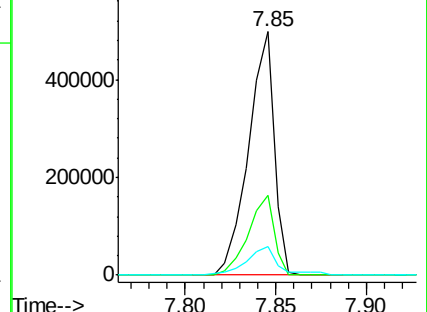
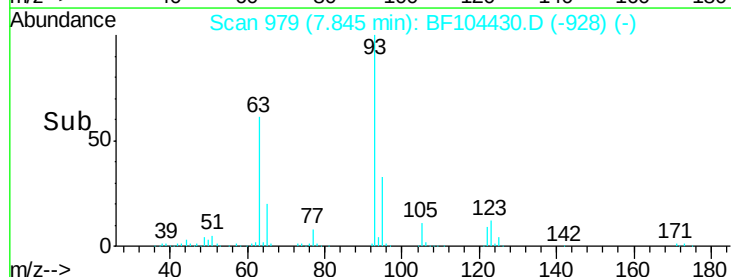
123 11.9 9.8 14.6

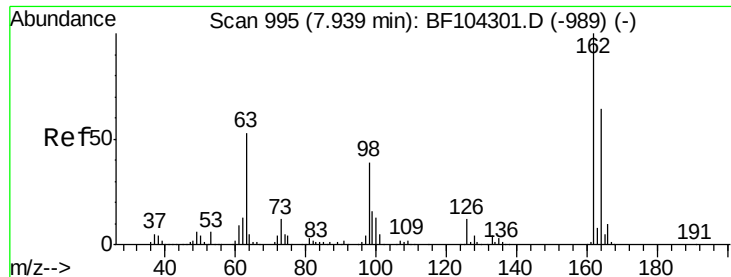


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

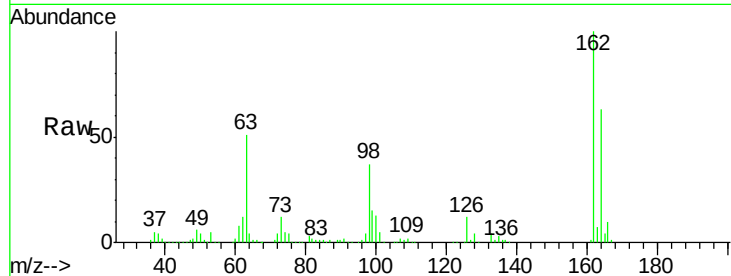




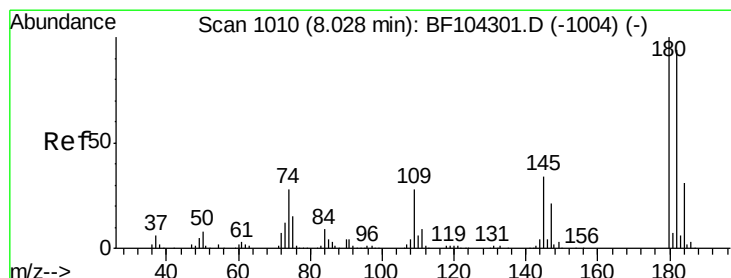
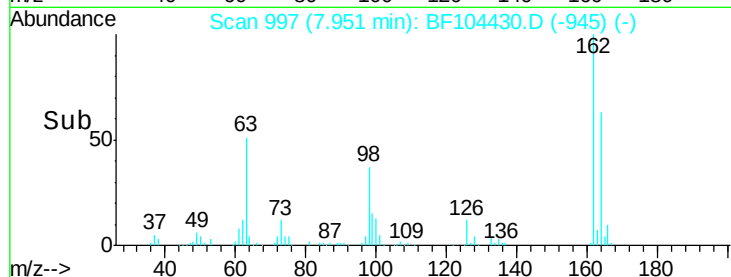
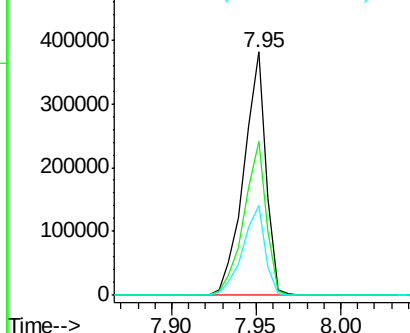
#29
2,4-Dichlorophenol
Concen: 43.792 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	37.1	18.1	58.1

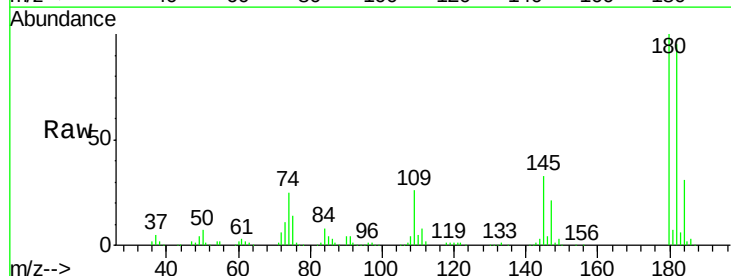


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

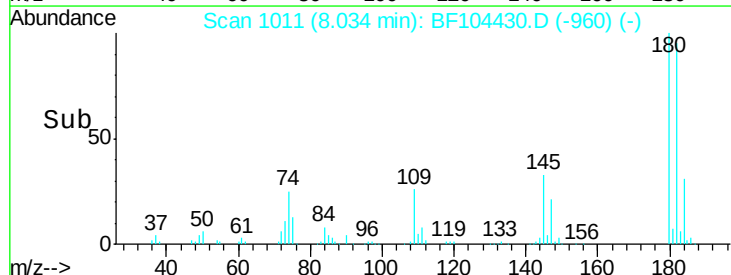
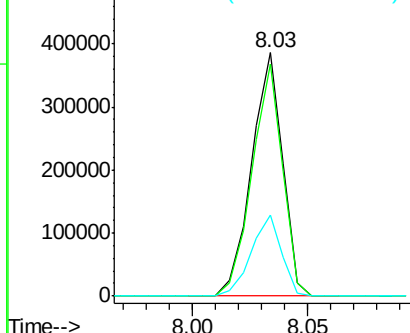


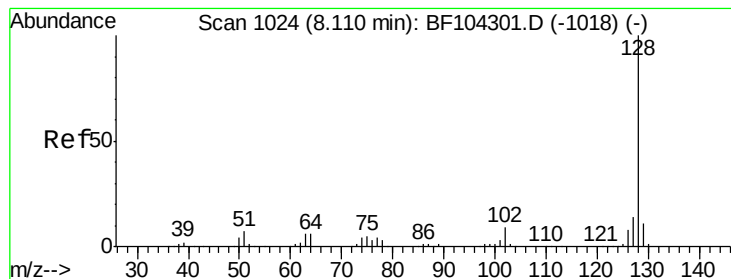
#30
1,2,4-Trichlorobenzene
Concen: 40.967 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	33.1	26.5	39.7



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





#31

Naphthalene

Concen: 38.469 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

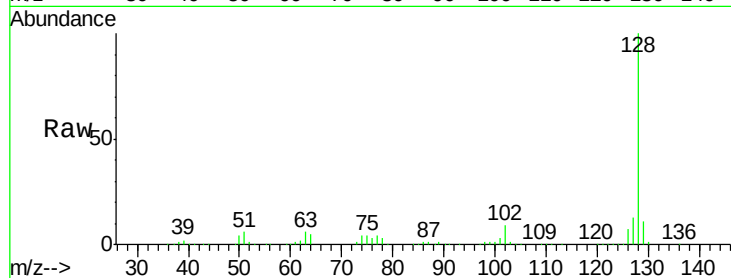
Tgt Ion:128 Resp: 1127534

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

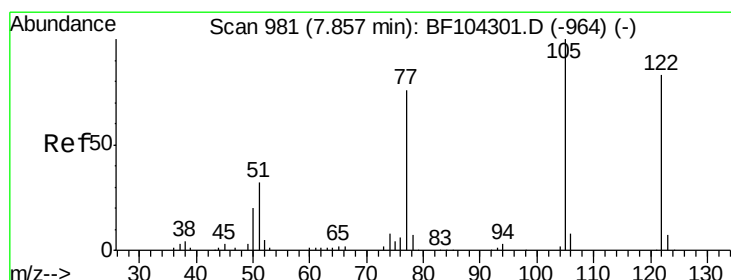
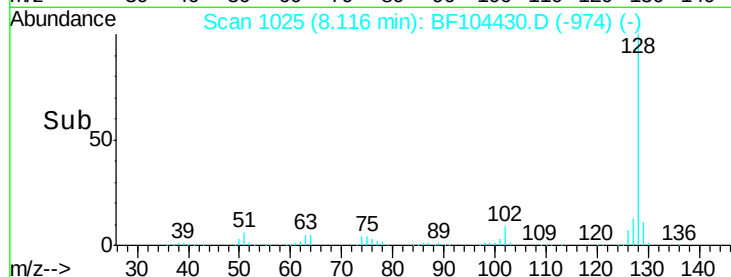
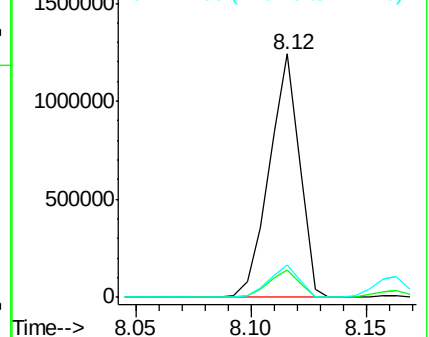
127 13.4 10.9 16.3



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: 34.593 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

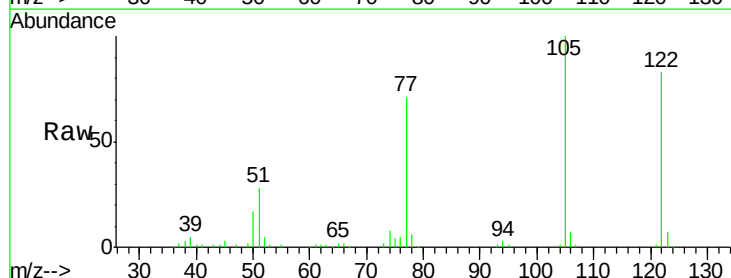
Tgt Ion:122 Resp: 232204

Ion Ratio Lower Upper

122 100

105 120.6 101.1 141.1

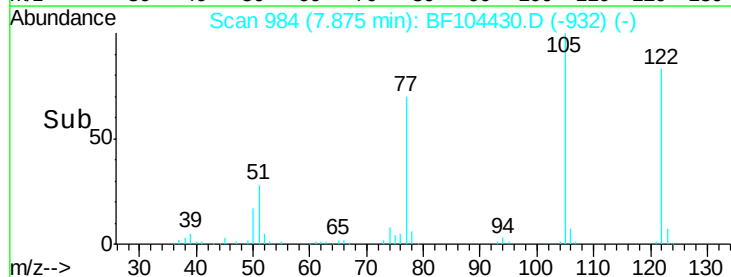
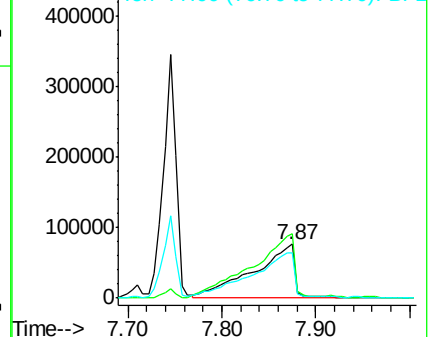
77 85.3 70.7 110.7

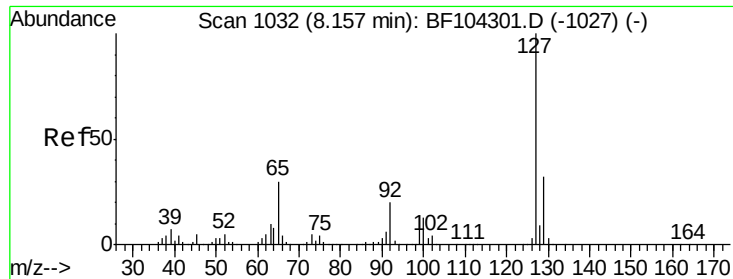


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

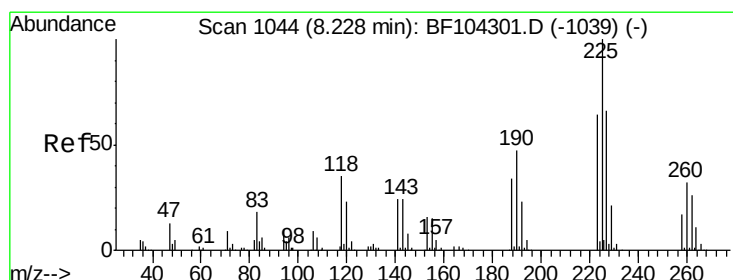
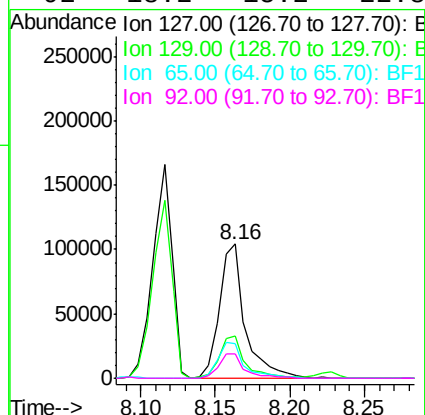
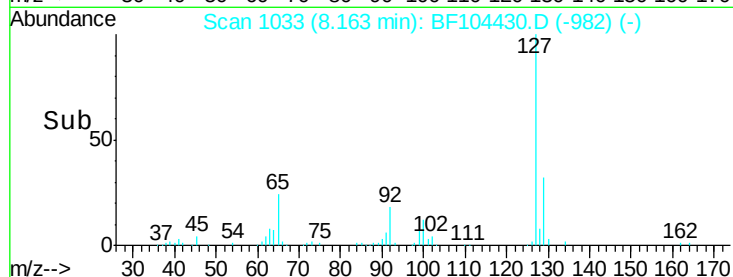
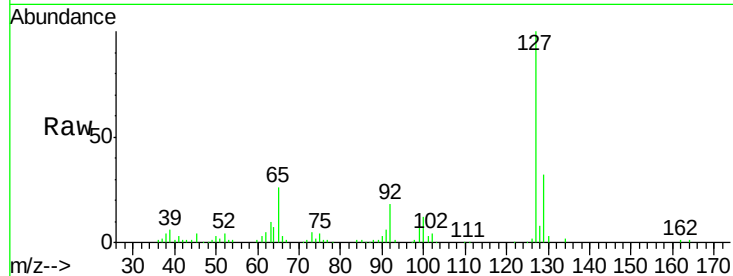




#33
4-Chloroaniline
Concen: 10.037 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

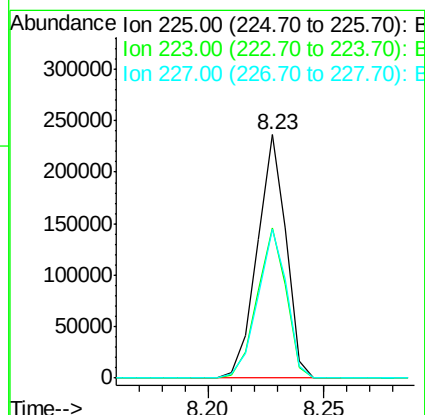
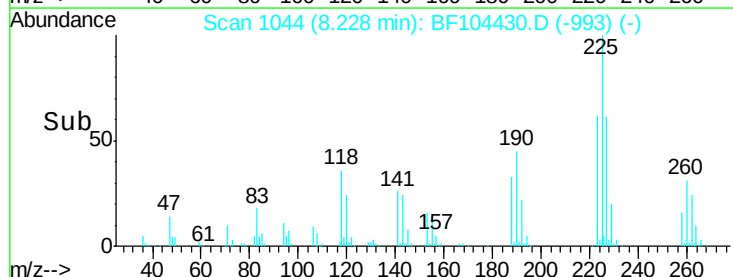
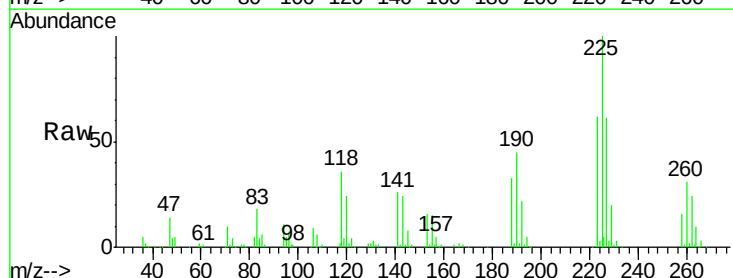
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

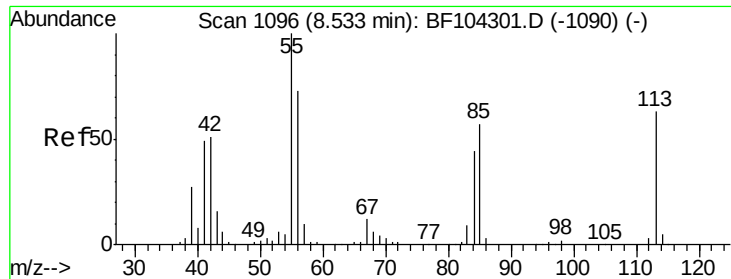
Tgt Ion:	127	Resp:	126040
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	26.2	25.0	37.4
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.471 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion:	225	Resp:	204933
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	61.2	51.9	77.9

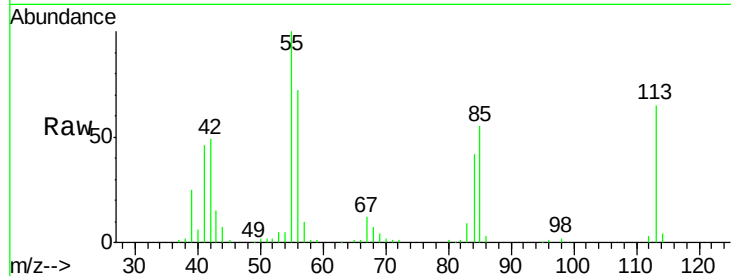




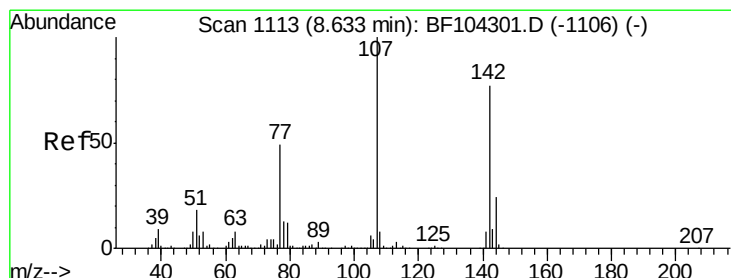
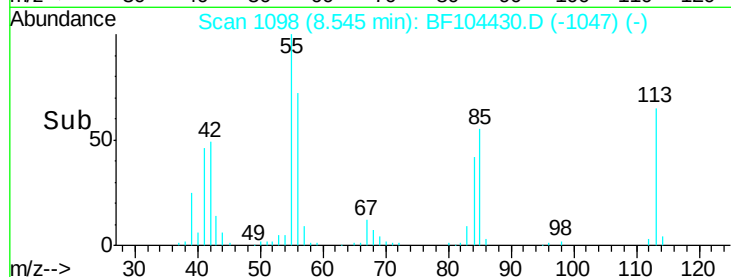
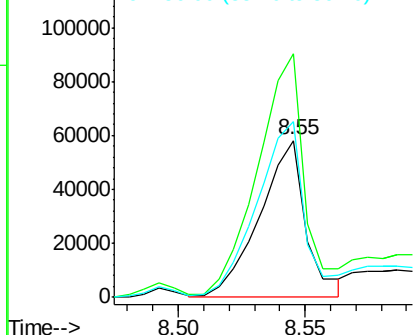
#35
 Caprolactam
 Concen: 26.558 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tgt Ion:113 Resp: 74369
 Ion Ratio Lower Upper
 113 100
 55 155.0 163.3 203.3#
 56 112.2 115.7 155.7#

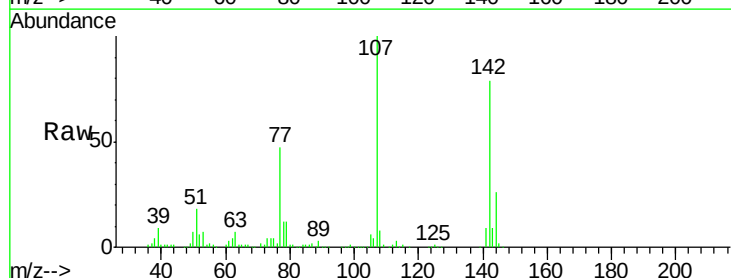


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

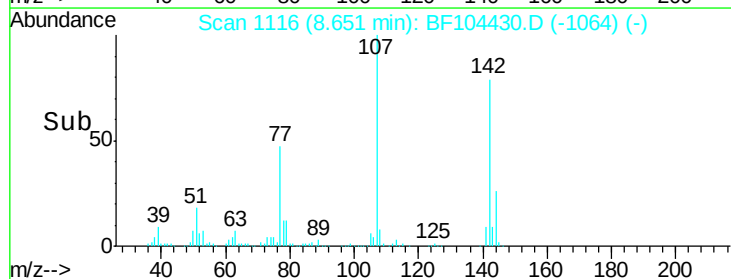
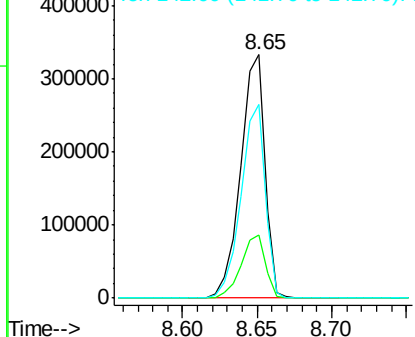


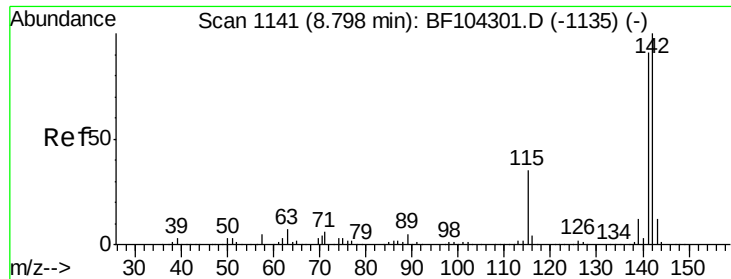
#36
 4-Chloro-3-methylphenol
 Concen: 43.832 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion:107 Resp: 377262
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 79.3 62.0 93.0



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

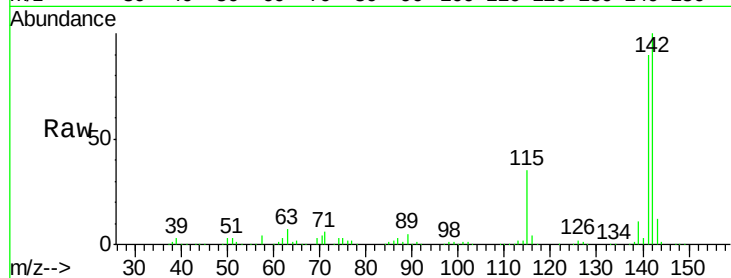




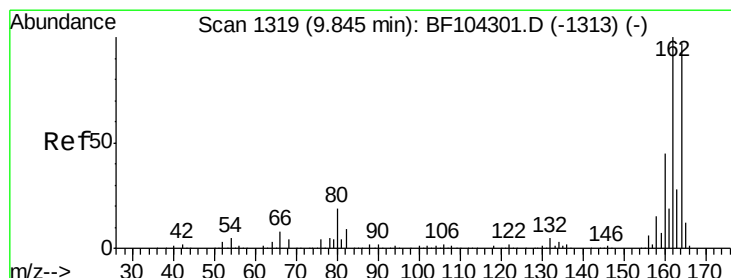
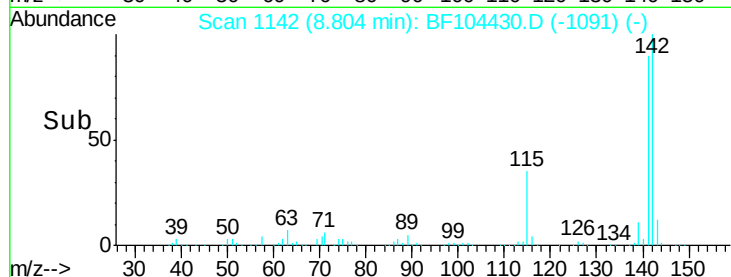
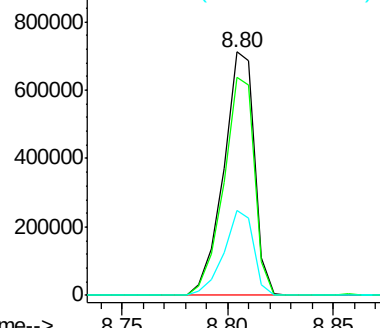
#37
 2-Methylnaphthalene
 Concen: 38.167 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tgt Ion:142 Resp: 723628
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.8 106.2
 115 34.8 26.1 39.1

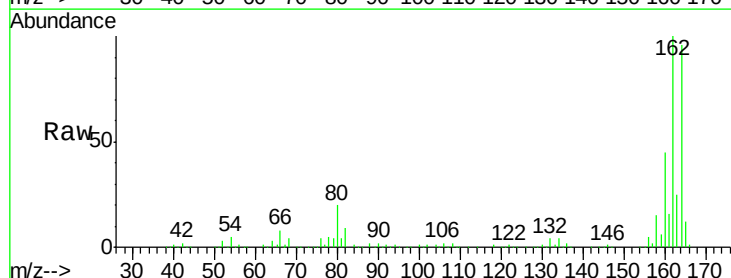


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

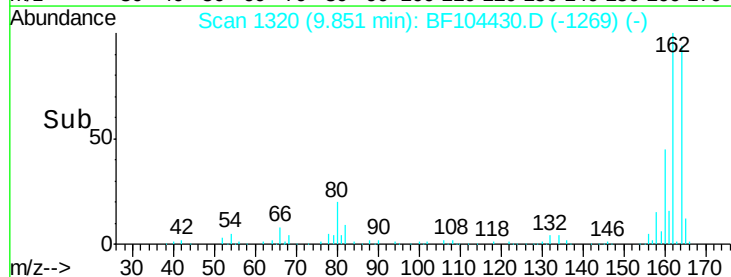
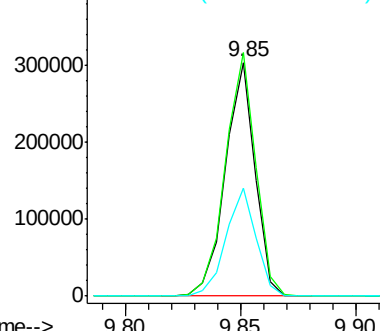


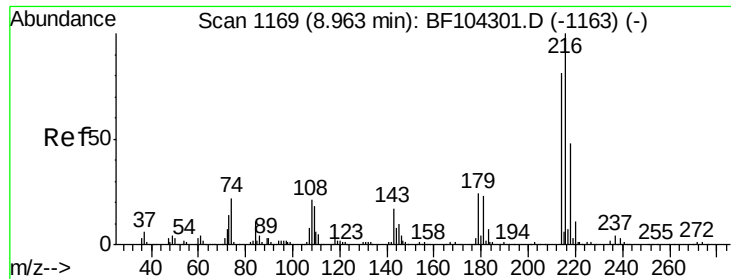
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion:164 Resp: 272612
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 46.5 38.3 57.5



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

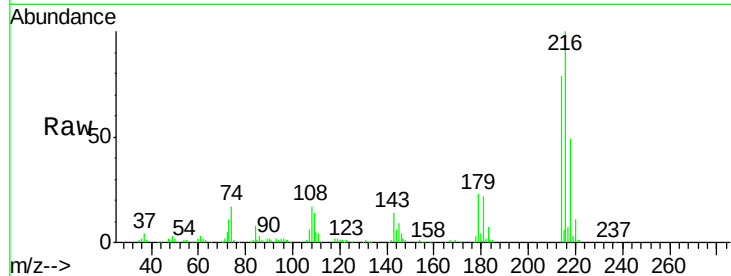




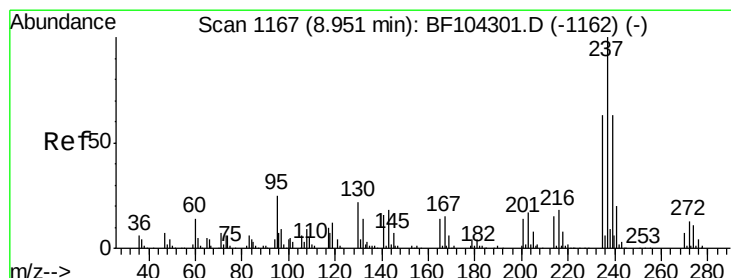
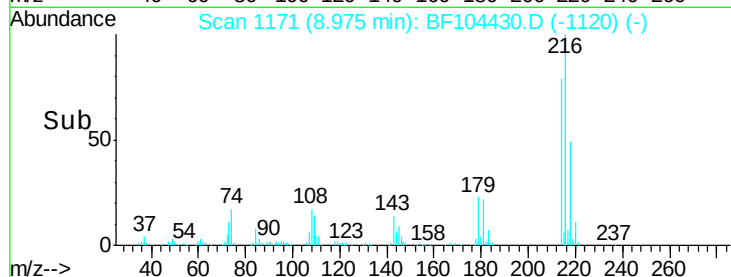
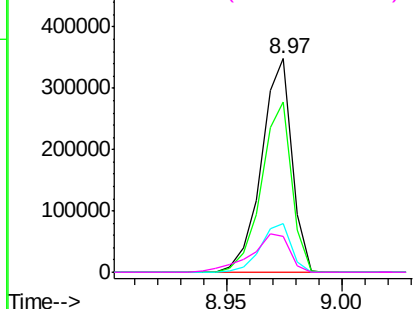
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.981 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tgt Ion:	216	Resp:	319801
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	23.0	18.1	27.1
108	22.6	17.2	25.8

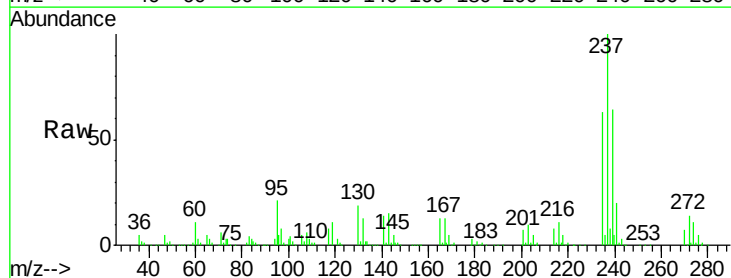


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

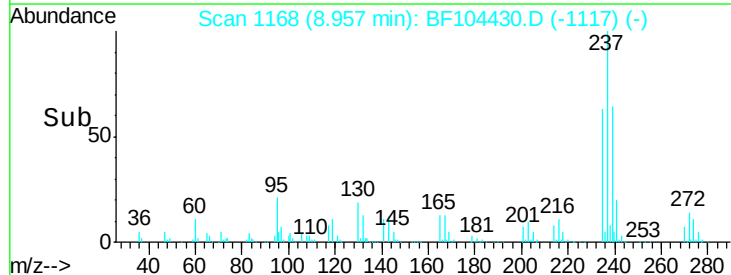
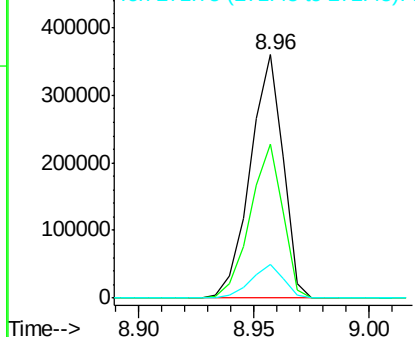


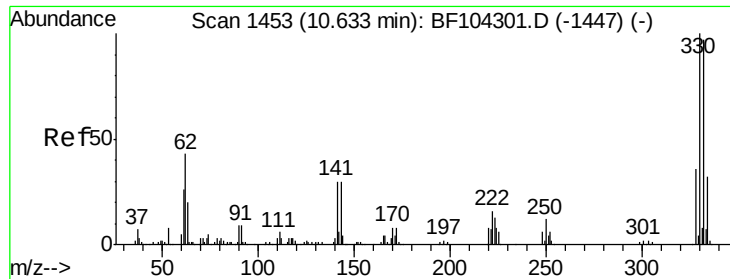
#40
 Hexachlorocyclopentadiene
 Concen: 81.763 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion:	237	Resp:	357207
Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	13.9	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

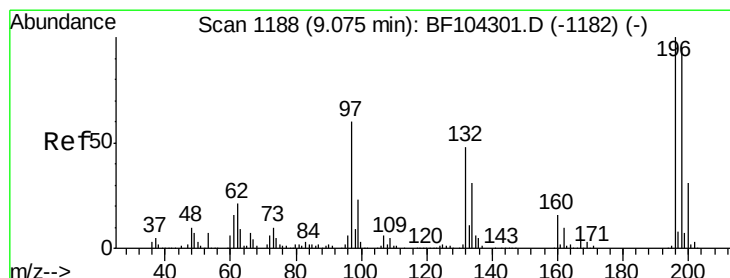
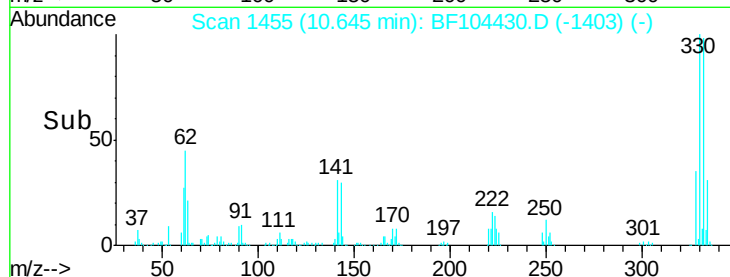
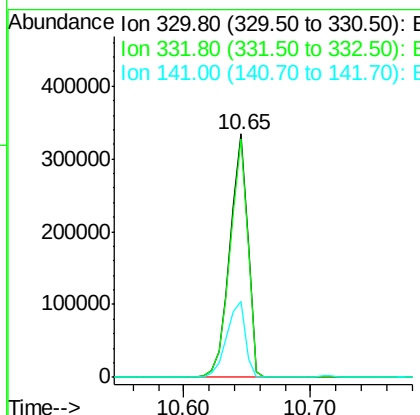
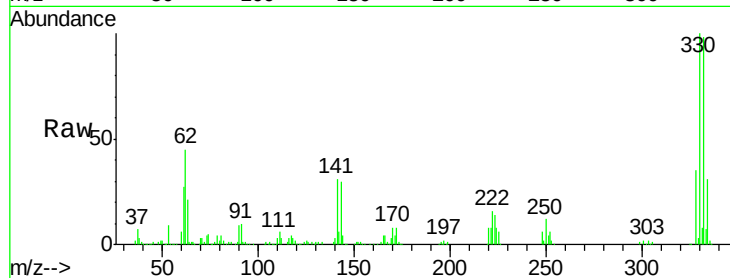




#41
 2,4,6-Tribromophenol
 Concen: 115.069 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

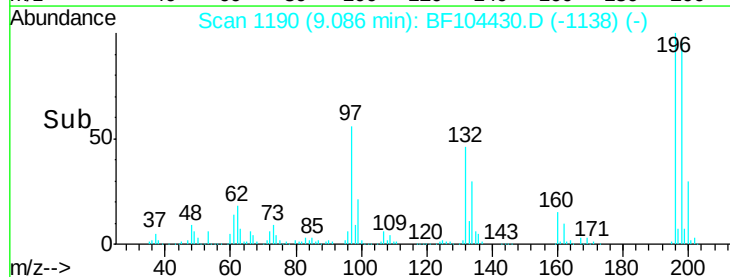
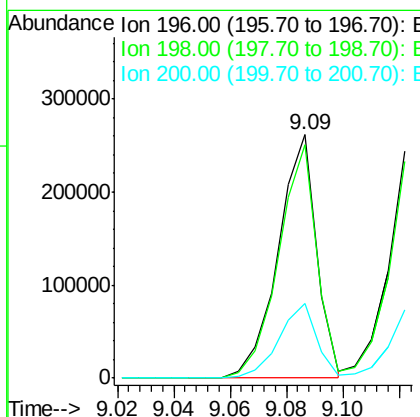
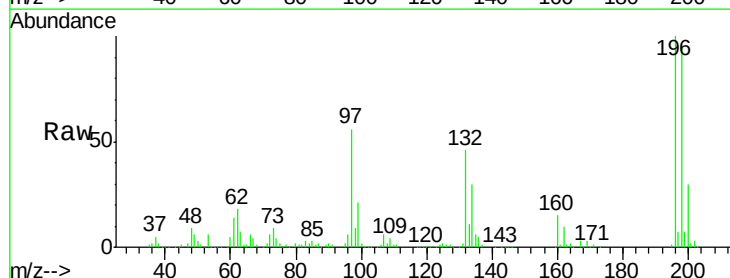
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

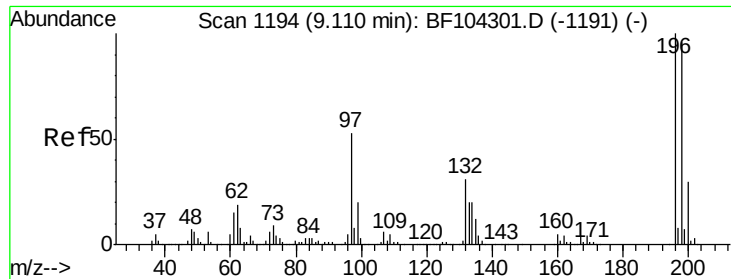
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	32.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.373 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	30.4	24.5	36.7

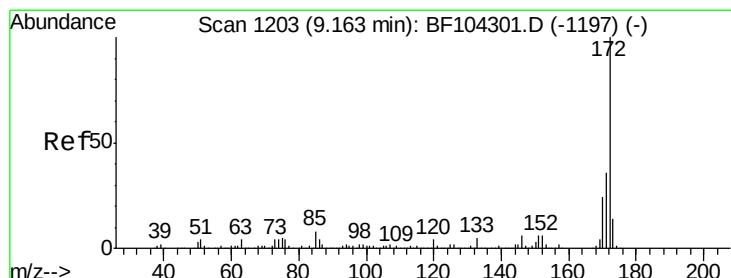
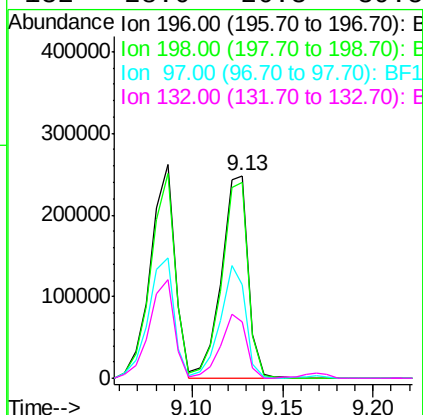
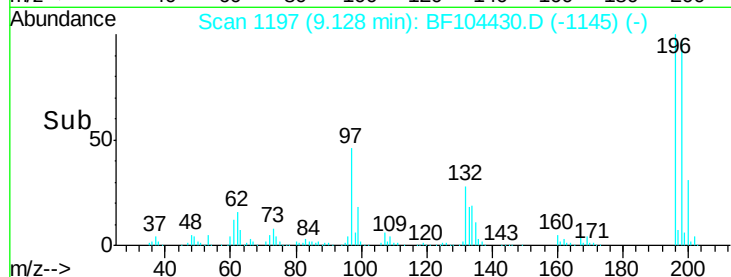
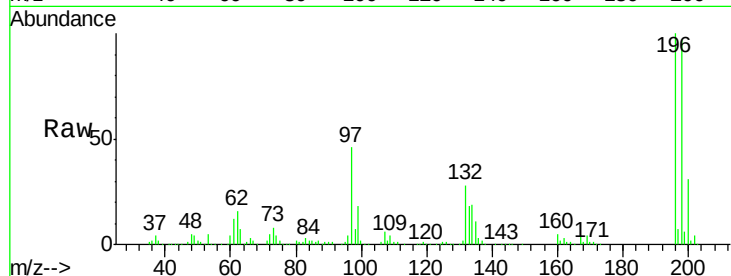




#43
 2,4,5-Trichlorophenol
 Concen: 42.073 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

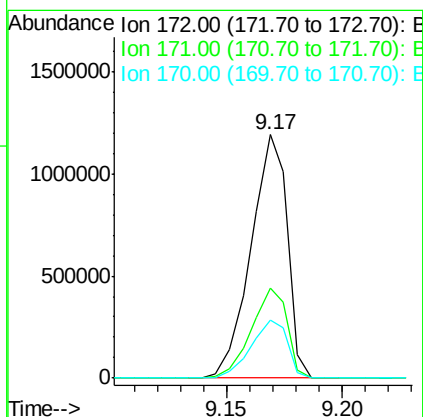
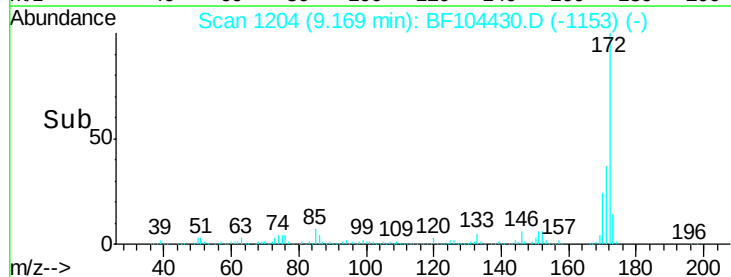
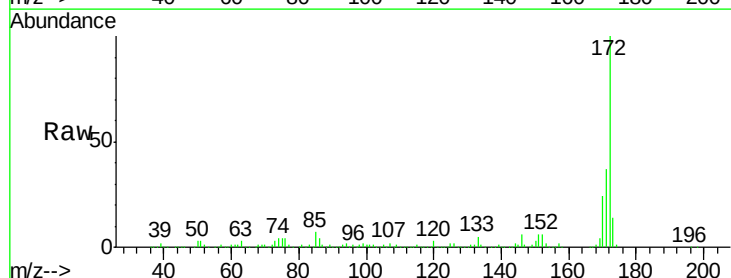
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

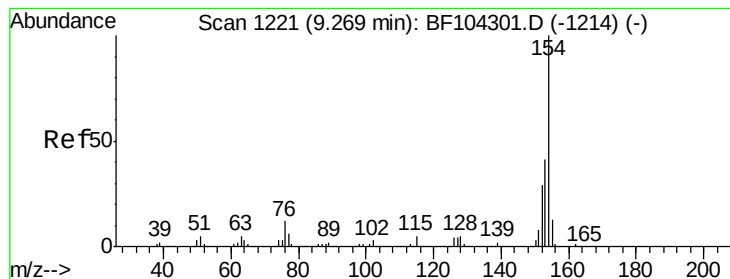
Tgt Ion:	196	Resp:	255052
Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.6	112.0
97	46.4	42.9	64.3
132	28.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 75.816 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion:	172	Resp:	1308328
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.0	19.6	29.4





#45

1,1'-Biphenyl

Concen: 40.352 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

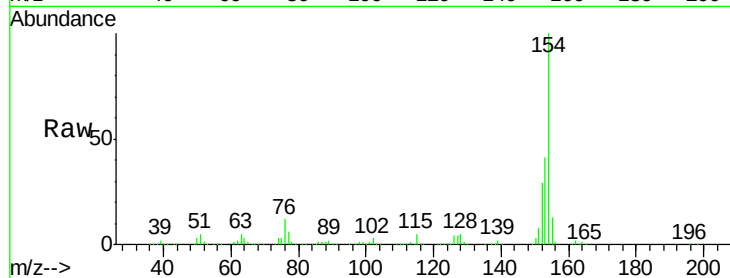
Tgt Ion:154 Resp: 924113

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

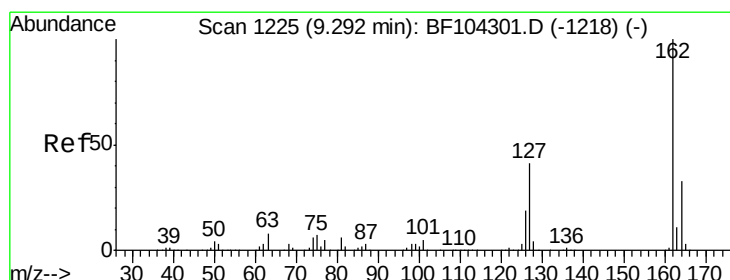
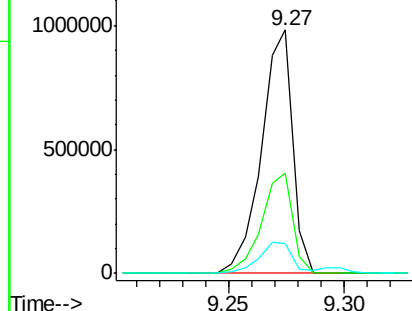
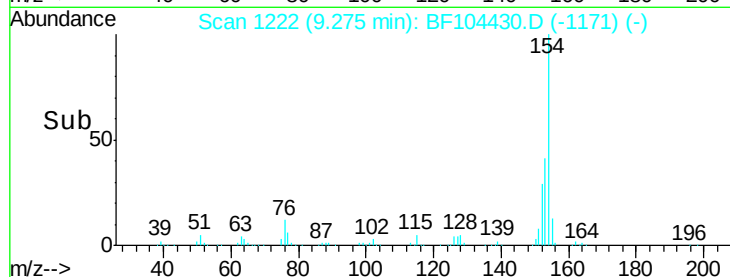
76 12.3 0.0 34.0



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: 41.135 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

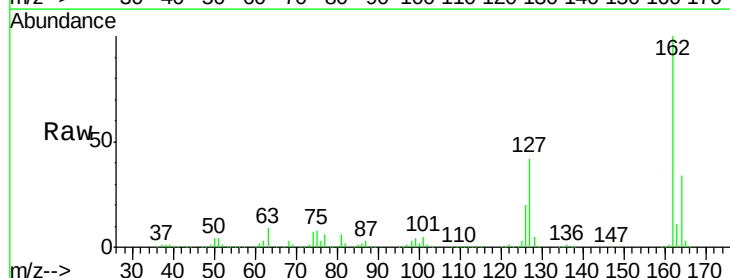
Tgt Ion:162 Resp: 744103

Ion Ratio Lower Upper

162 100

127 42.1 33.9 50.9

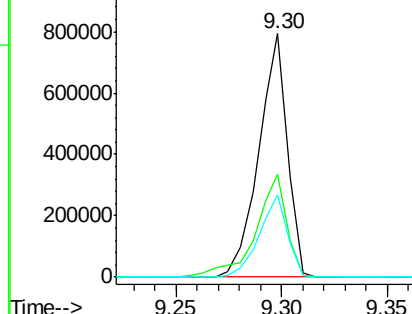
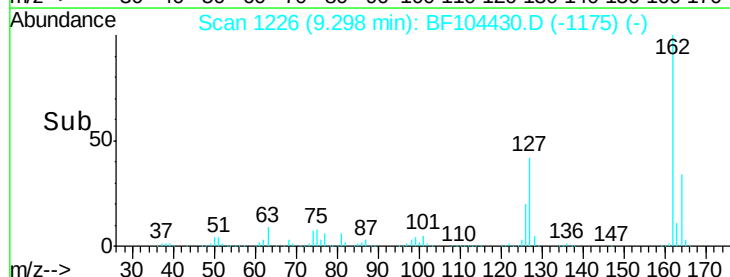
164 33.8 26.5 39.7

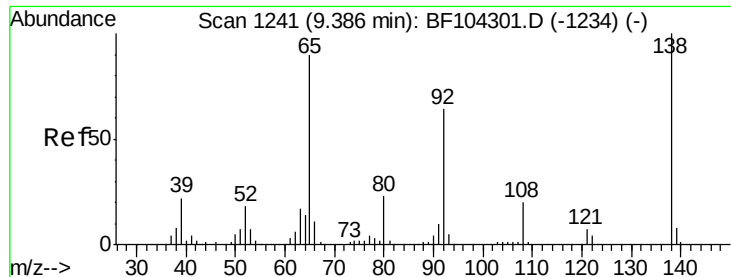


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

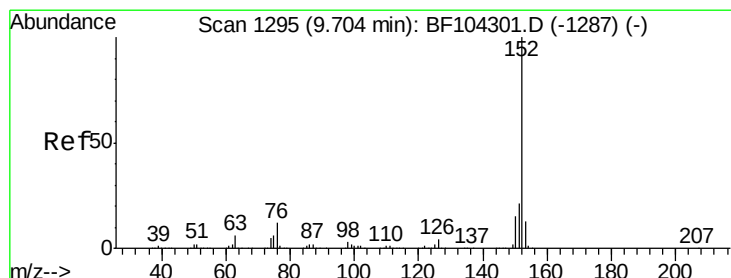
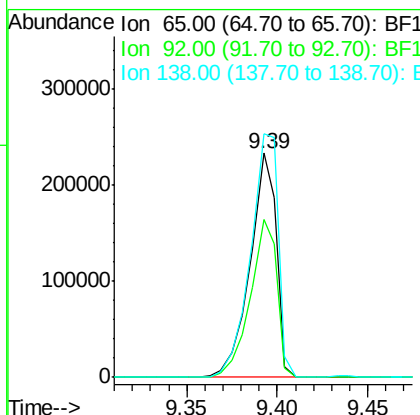
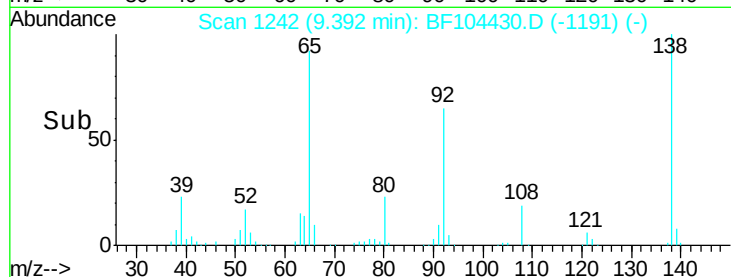
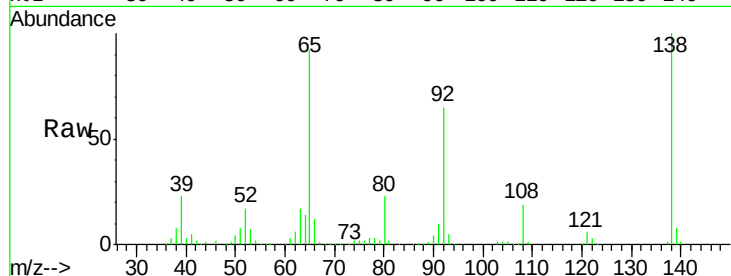




#47
 2-Nitroaniline
 Concen: 52.429 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

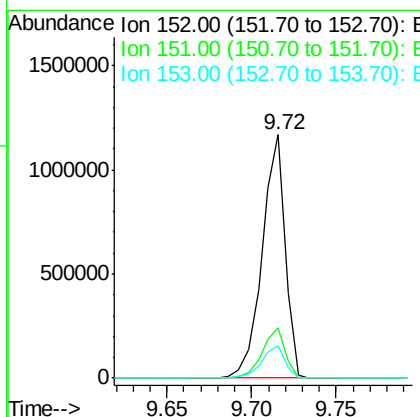
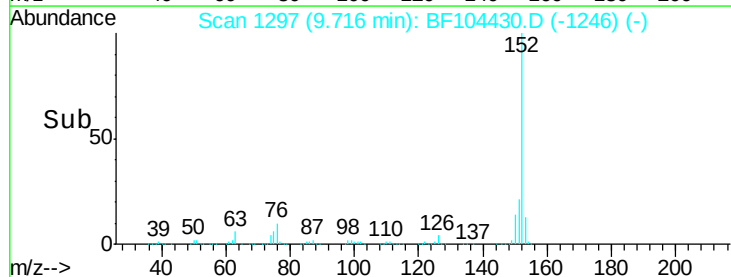
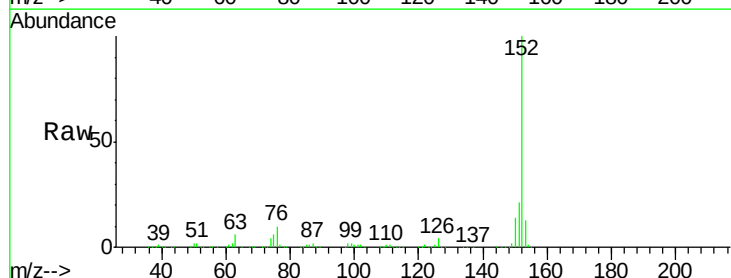
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

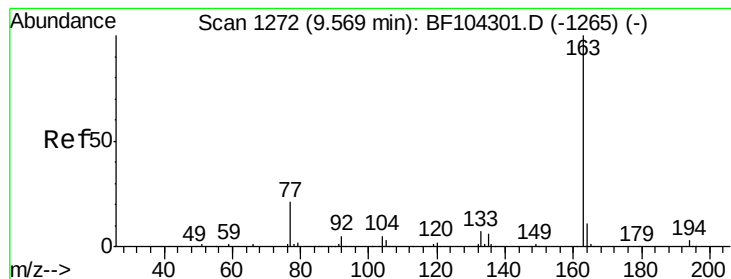
Tgt Ion: 65 Resp: 234540
 Ion Ratio Lower Upper
 65 100
 92 70.4 55.8 83.6
 138 108.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.771 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion: 152 Resp: 1100376
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 46.262 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

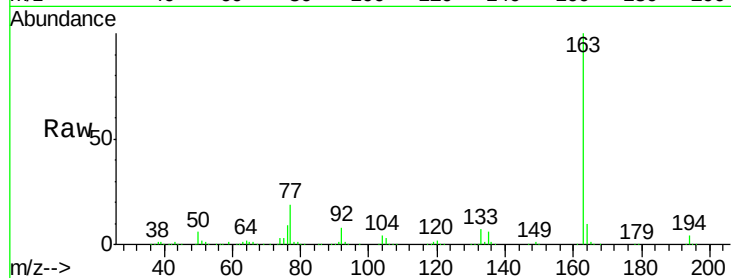
Tgt Ion:163 Resp: 994529

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

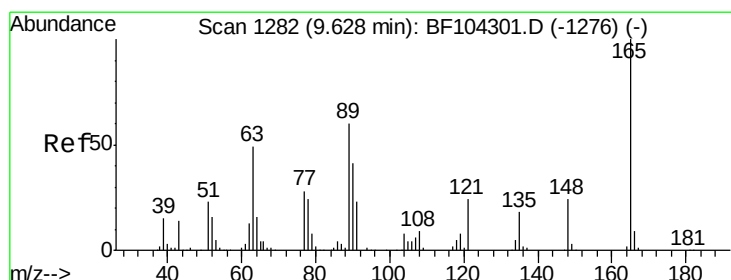
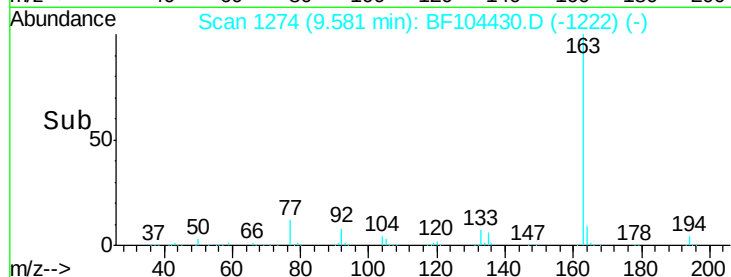
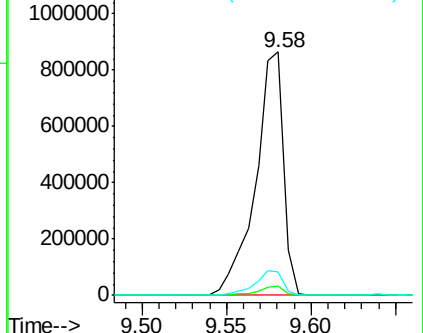
164 9.7 8.2 12.2



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: 49.449 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

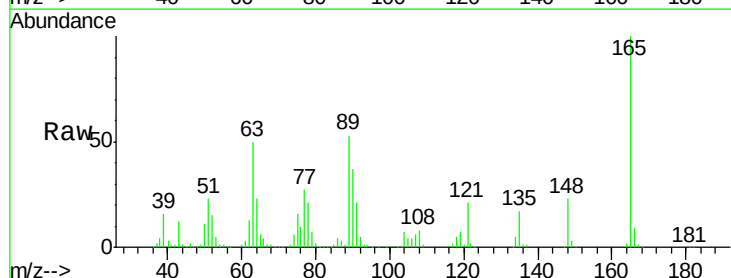
Tgt Ion:165 Resp: 196704

Ion Ratio Lower Upper

165 100

63 49.9 44.7 67.1

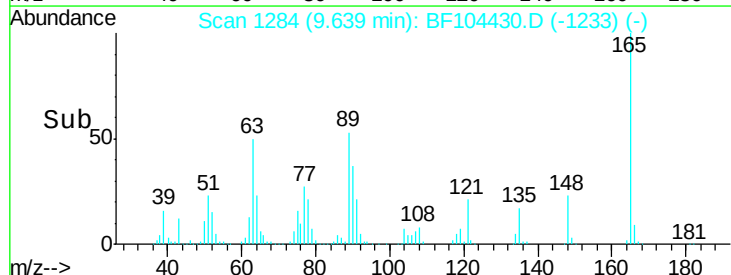
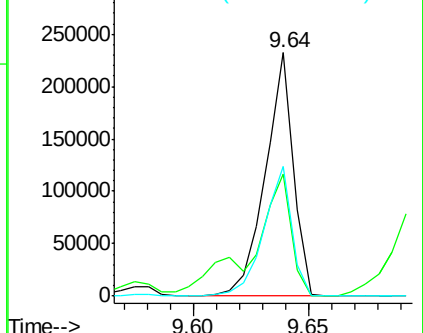
89 53.5 44.0 66.0

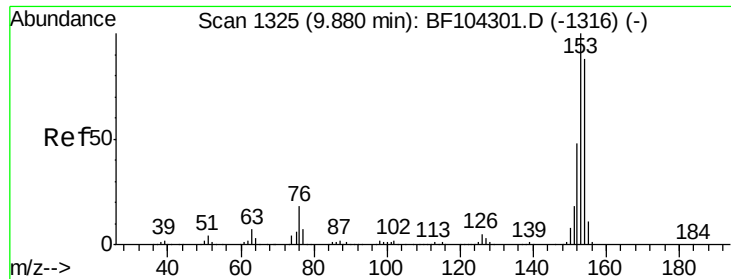


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.976 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

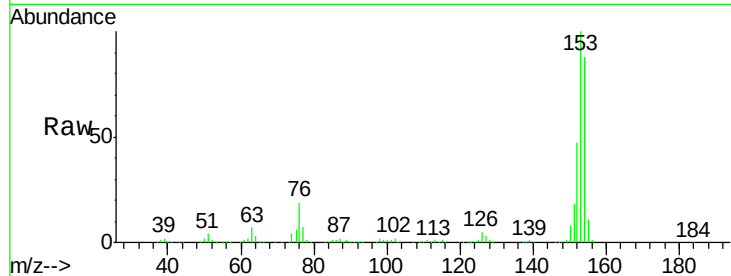
Tgt Ion:154 Resp: 657617

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

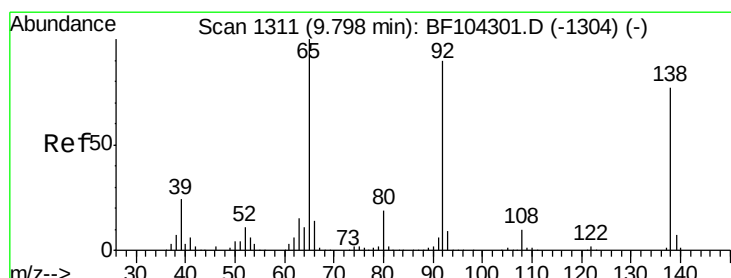
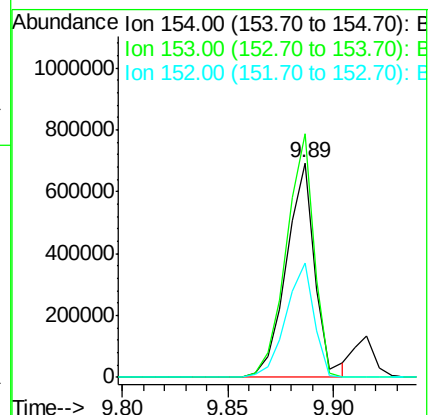
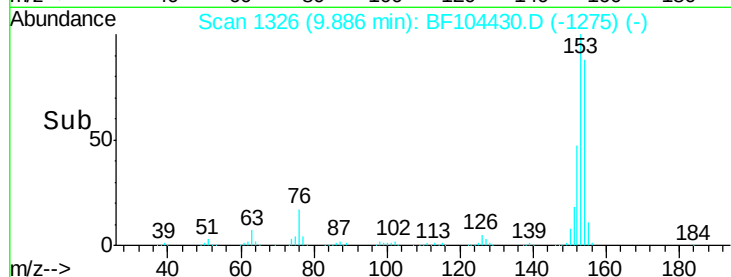
152 53.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.464 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

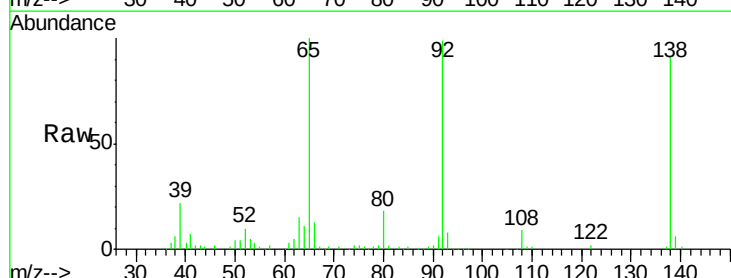
Tgt Ion:138 Resp: 81328

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

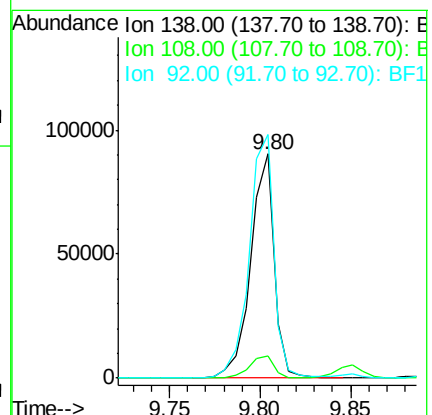
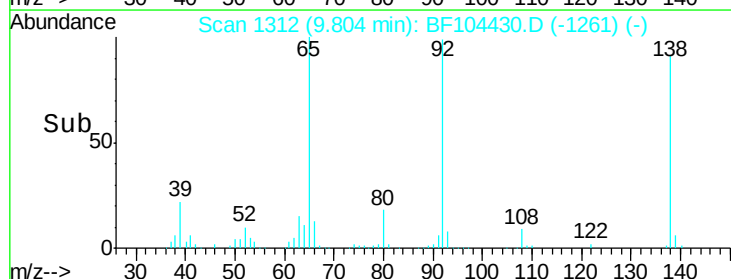
92 108.7 89.4 134.2

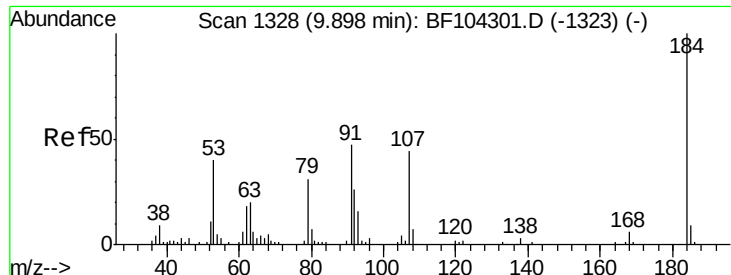


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

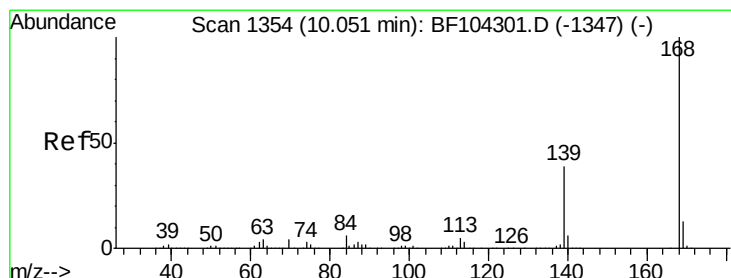
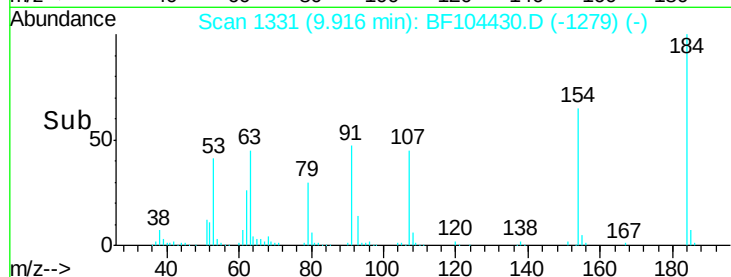
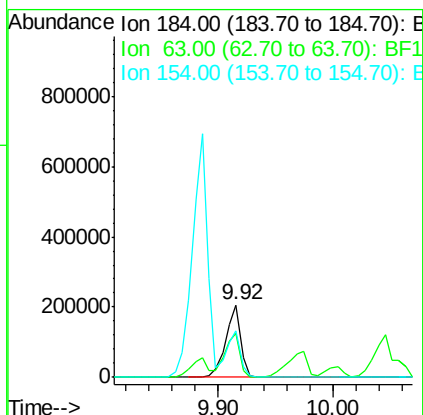
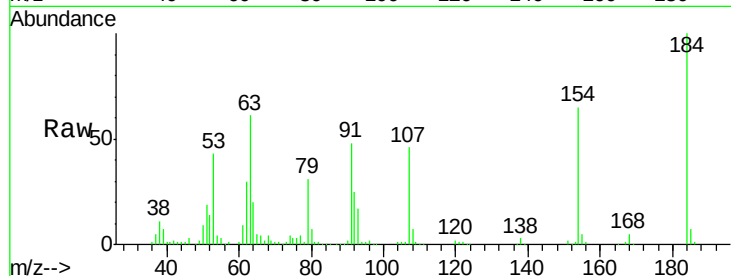




#53
 2,4-Dinitrophenol
 Concen: 100.536 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

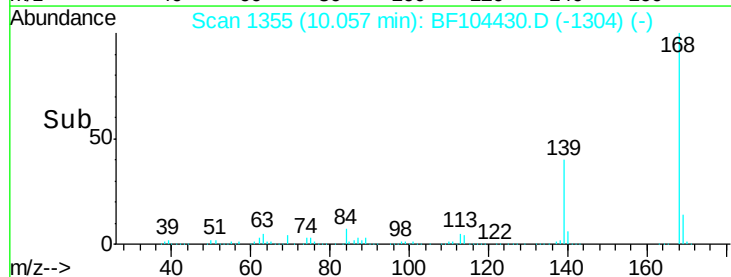
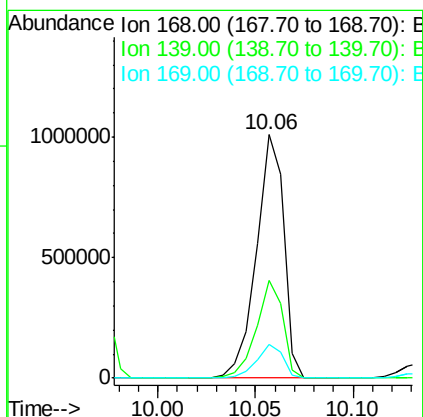
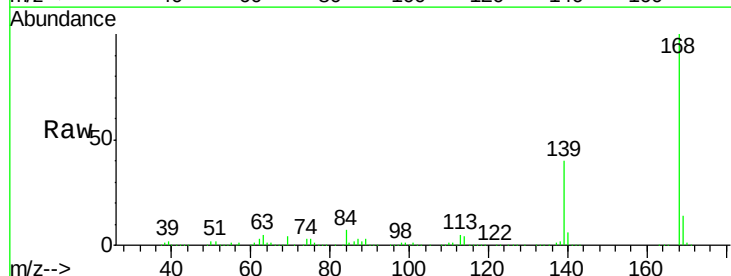
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

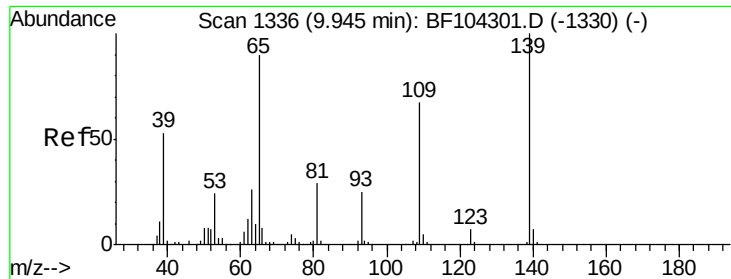
Tgt Ion:184 Resp: 185637
 Ion Ratio Lower Upper
 184 100
 63 60.8 54.2 81.2
 154 65.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.799 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion:168 Resp: 984572
 Ion Ratio Lower Upper
 168 100
 139 40.0 30.1 45.1
 169 13.9 10.9 16.3

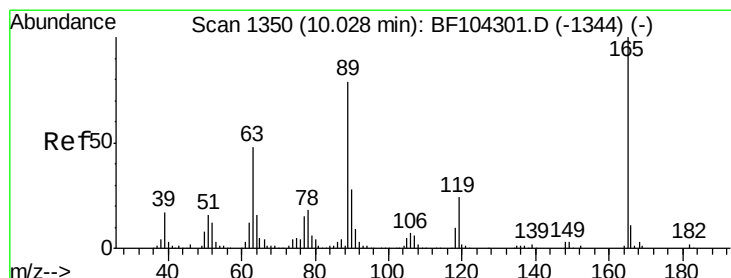
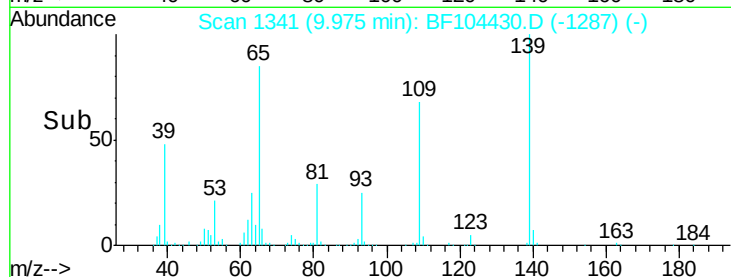
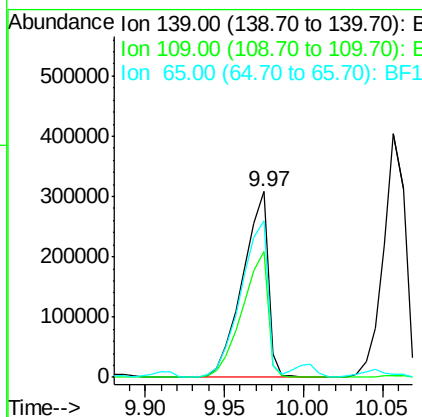
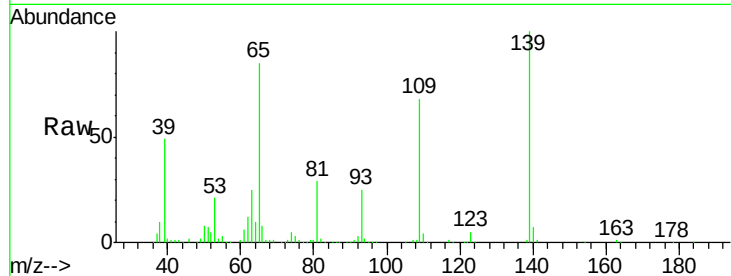




#55
4-Nitrophenol
Concen: 93.944 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

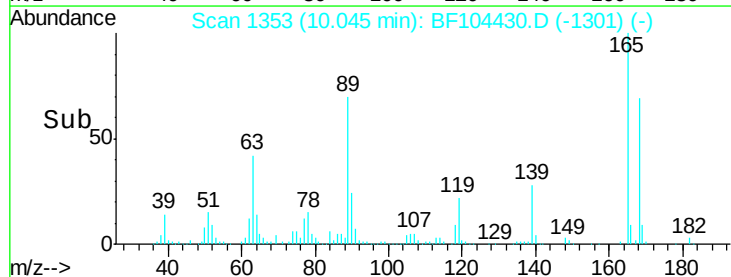
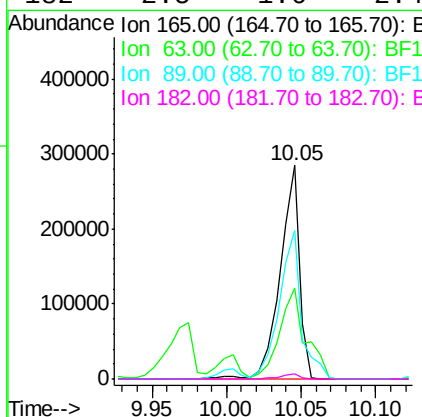
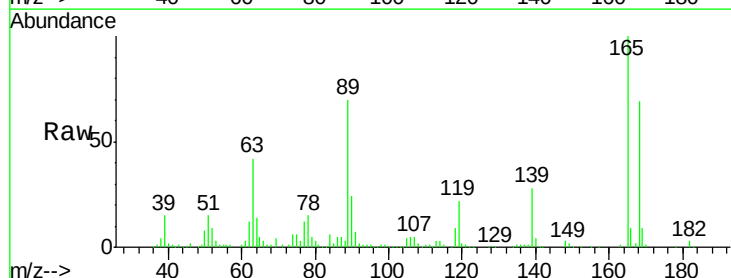
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

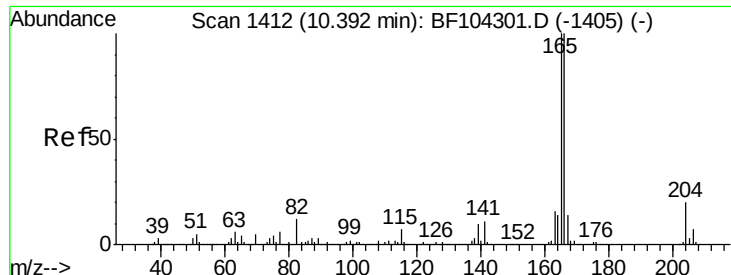
Tgt Ion:139 Resp: 343663
Ion Ratio Lower Upper
139 100
109 67.6 48.4 88.4
65 84.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.722 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion:165 Resp: 259439
Ion Ratio Lower Upper
165 100
63 42.4 36.4 54.6
89 69.6 57.8 86.6
182 2.5 1.6 2.4#

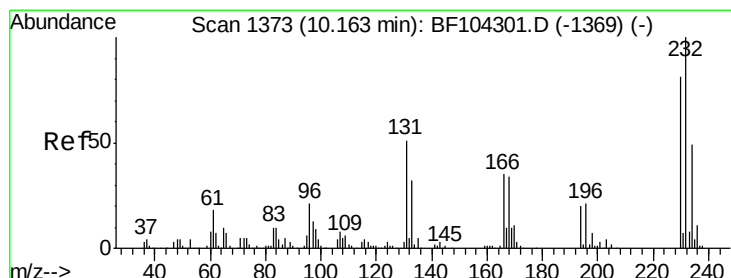
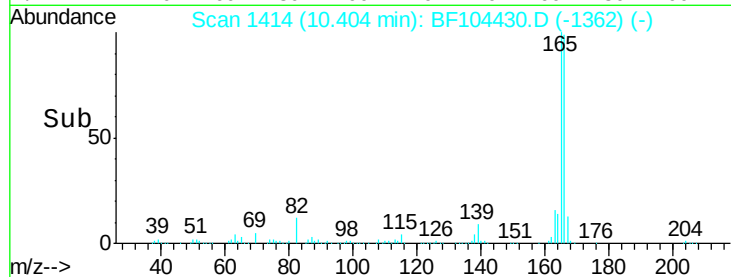
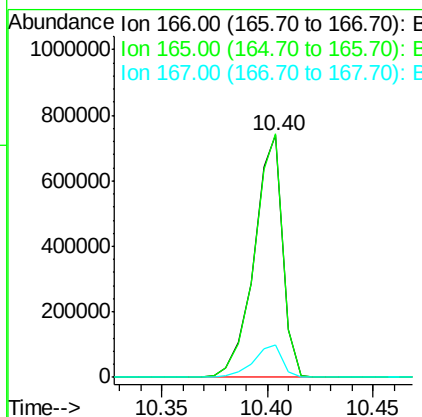
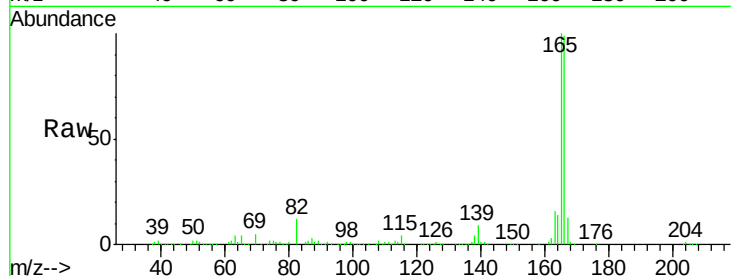




#57
 Fluorene
 Concen: 39.356 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

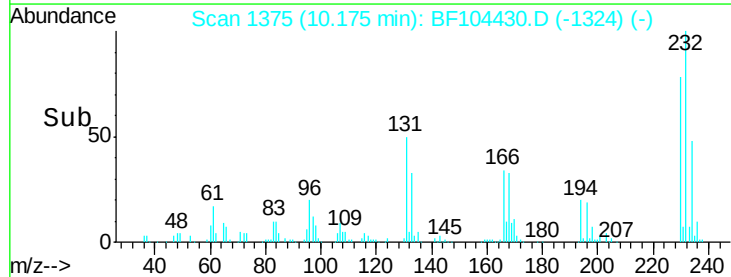
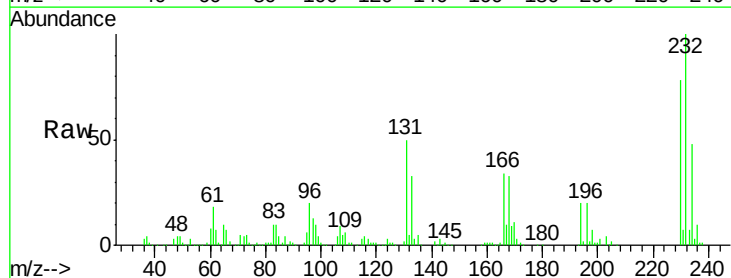
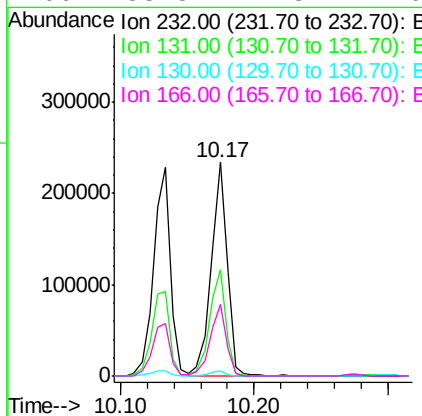
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

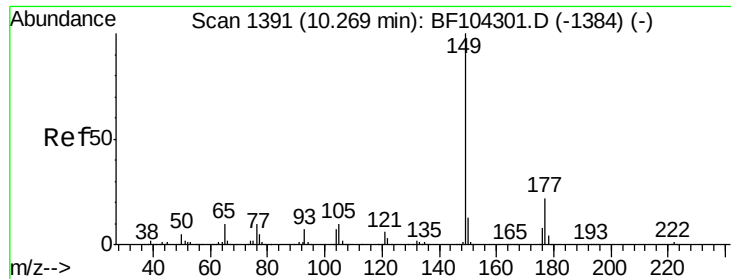
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.788 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	43.8	65.8
130	2.4	2.1	3.1
166	33.3	27.8	41.6

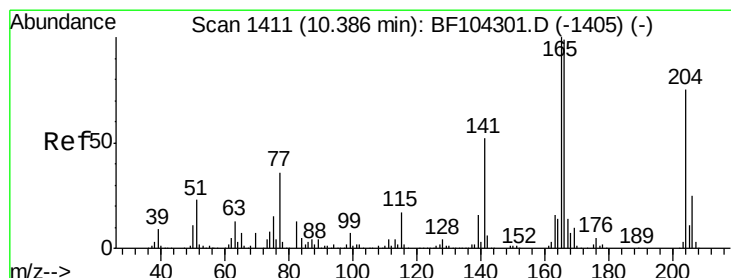
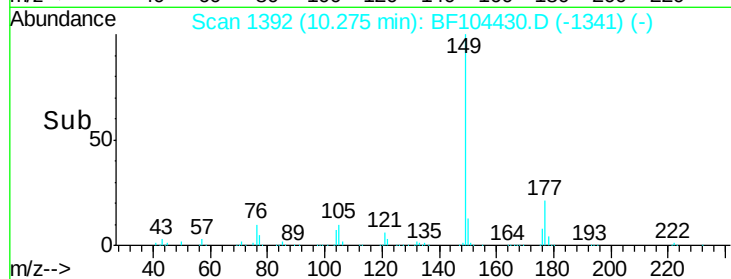
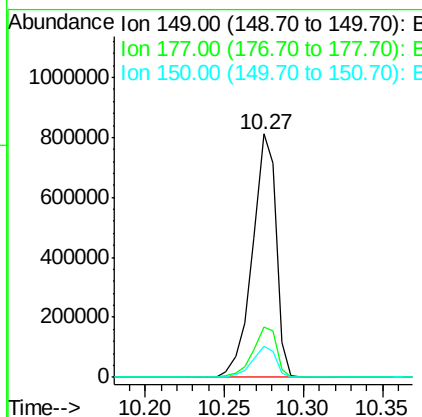
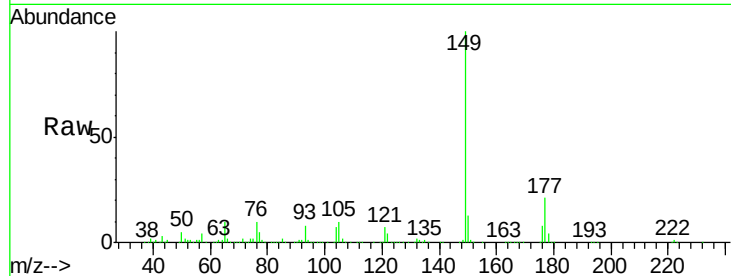




#59
Diethylphthalate
Concen: 39.300 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

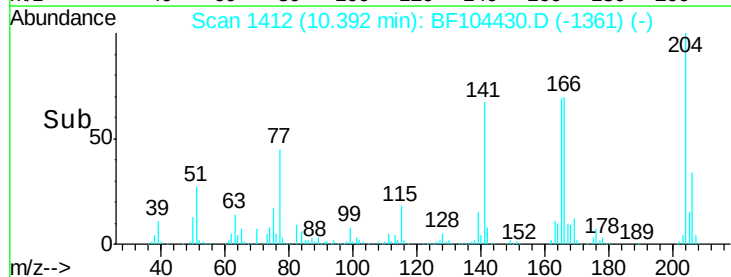
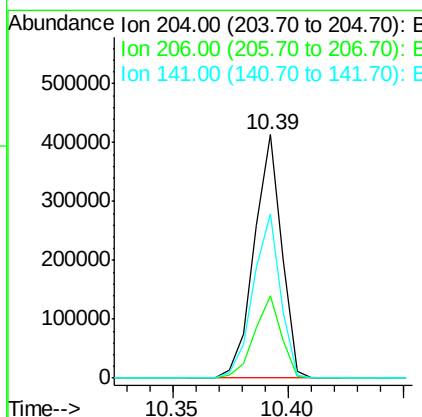
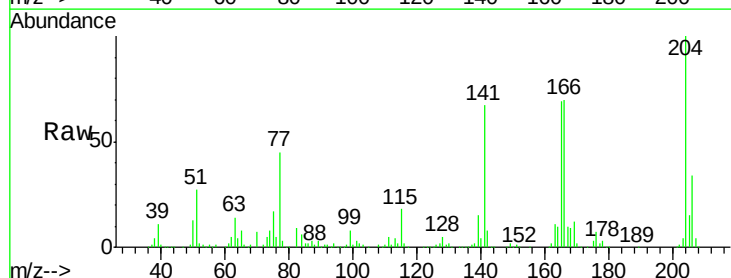
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

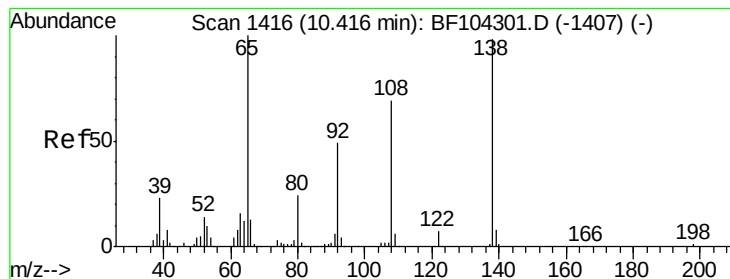
Tgt Ion:149 Resp: 841409
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.890 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion:204 Resp: 343338
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 67.5 54.6 81.8





#61

4-Nitroaniline

Concen: 44.220 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

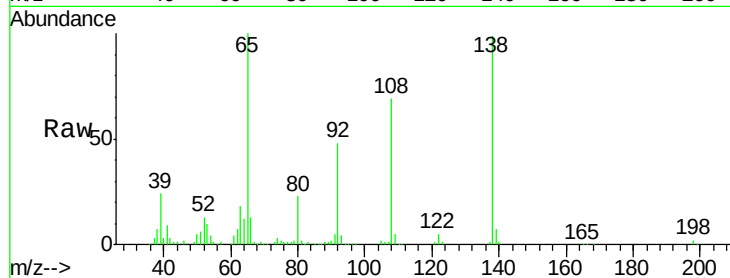
Tgt Ion:138 Resp: 201354

Ion Ratio Lower Upper

138 100

92 48.3 30.2 70.2

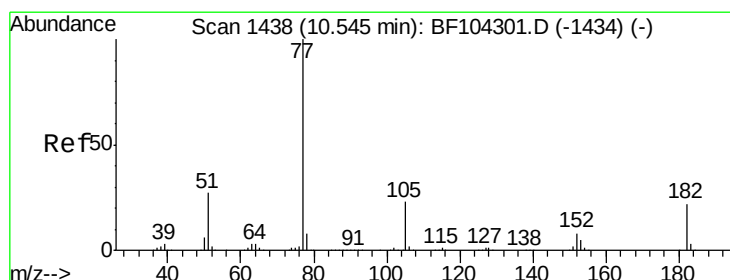
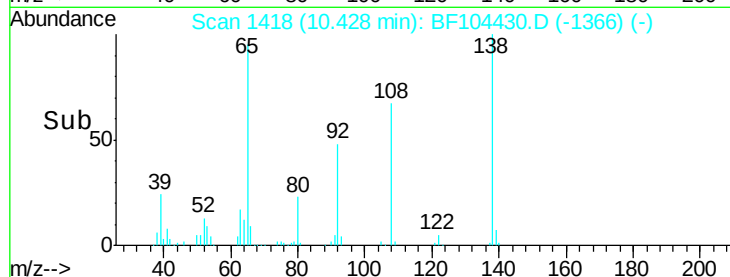
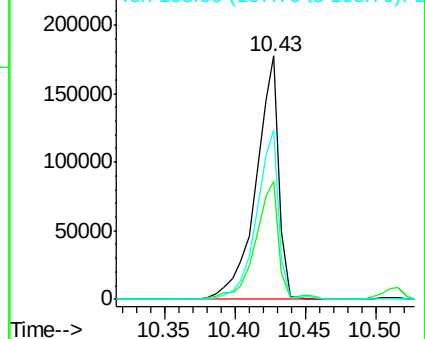
108 69.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.100 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion: 77 Resp: 820245

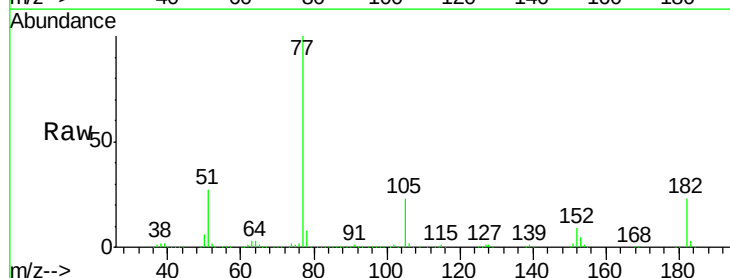
Ion Ratio Lower Upper

77 100

182 22.6 1.7 41.7

105 23.2 3.0 43.0

51 27.0 9.9 49.9

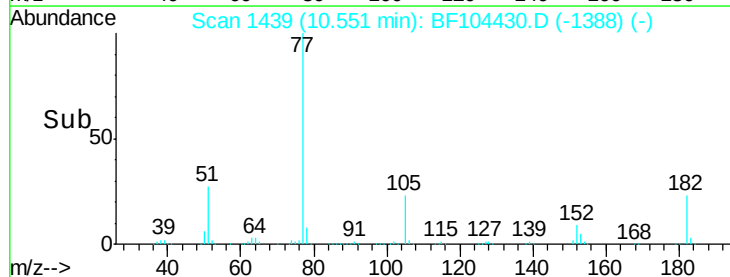
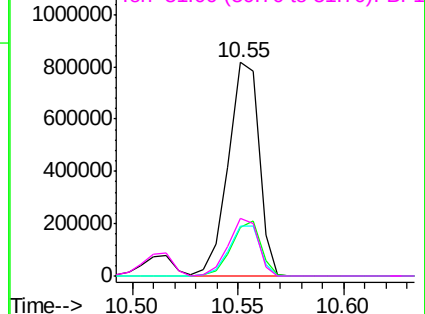


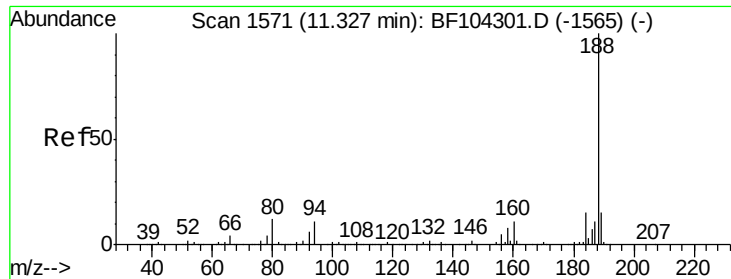
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

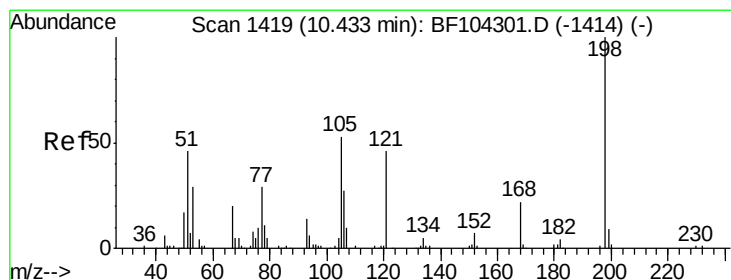
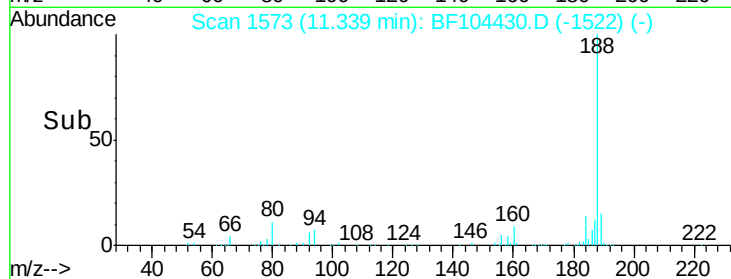
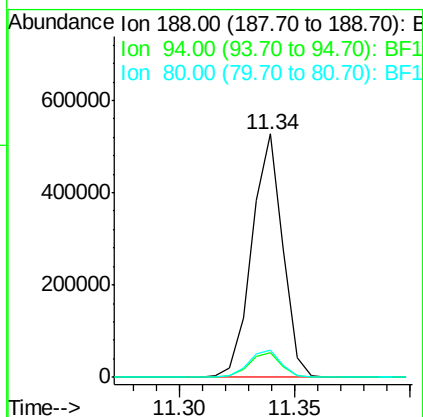
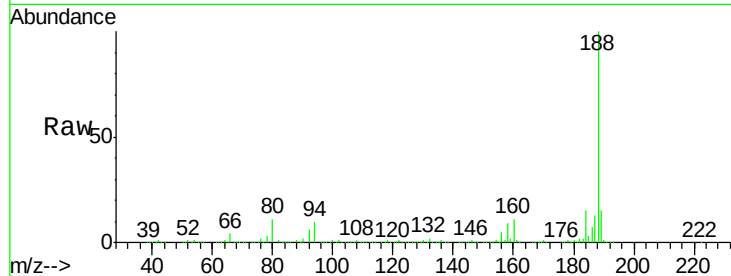




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

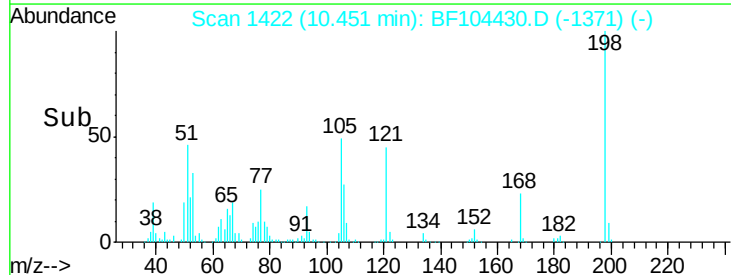
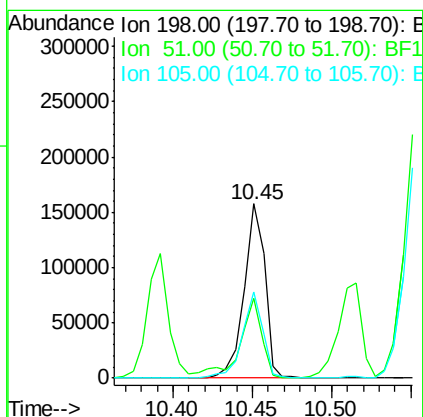
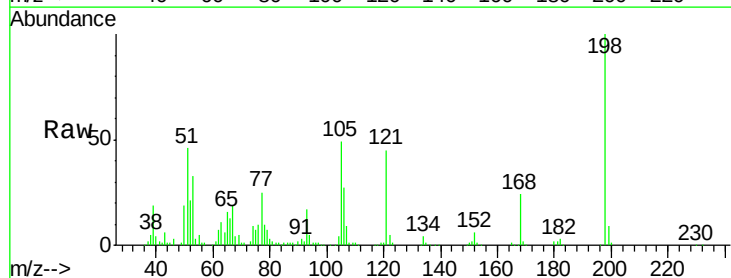
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

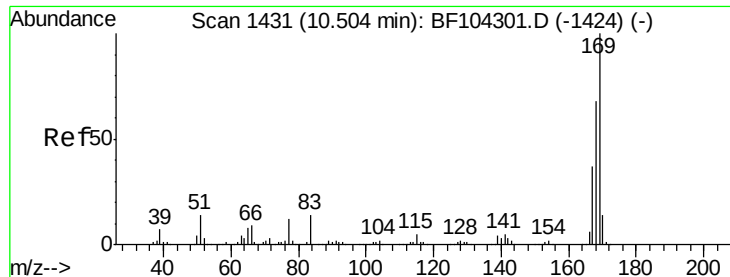
Tgt Ion:188 Resp: 488764
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 58.253 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion:198 Resp: 143075
Ion Ratio Lower Upper
198 100
51 45.6 37.7 77.7
105 49.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 41.613 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

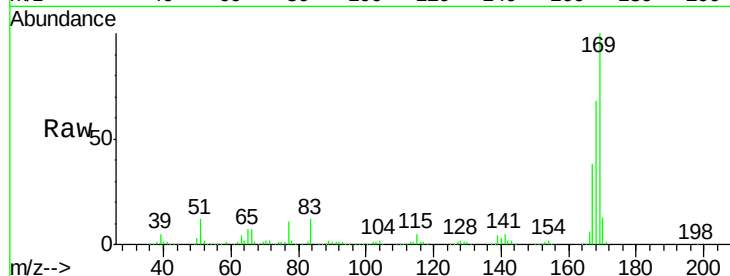
Tgt Ion:169 Resp: 705199

Ion Ratio Lower Upper

169 100

168 68.0 54.4 81.6

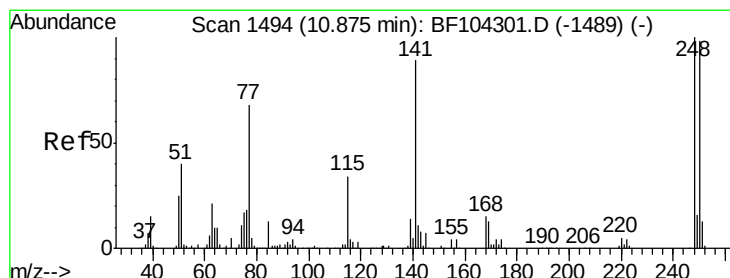
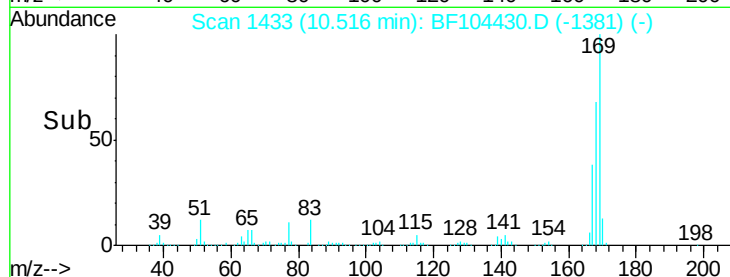
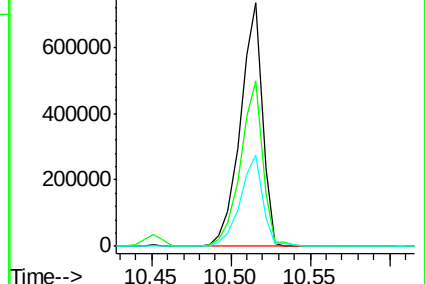
167 37.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.821 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

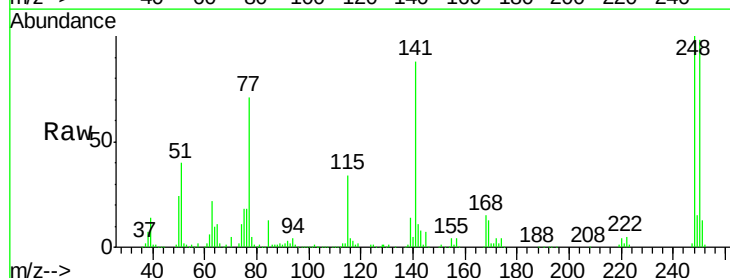
Tgt Ion:248 Resp: 227822

Ion Ratio Lower Upper

248 100

250 98.0 76.9 115.3

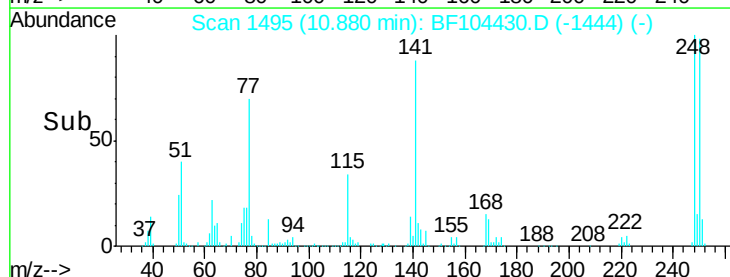
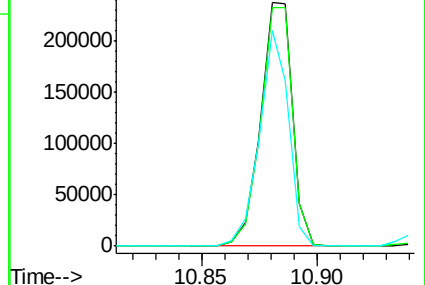
141 88.3 74.4 111.6

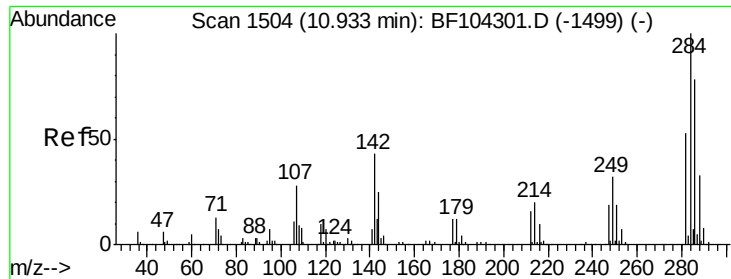


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.987 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

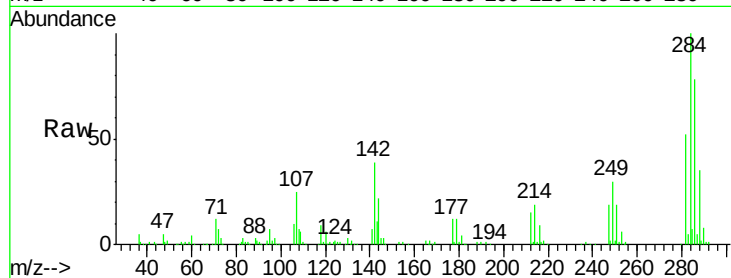
Tgt Ion:284 Resp: 251467

Ion Ratio Lower Upper

284 100

142 38.8 34.6 52.0

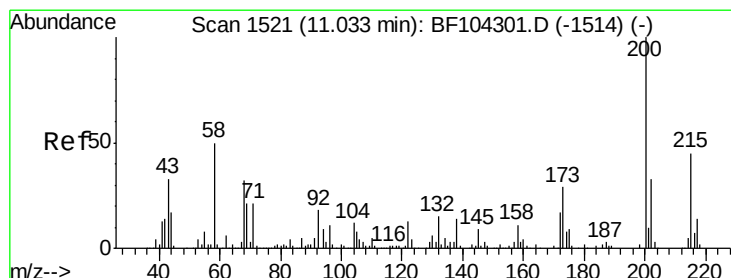
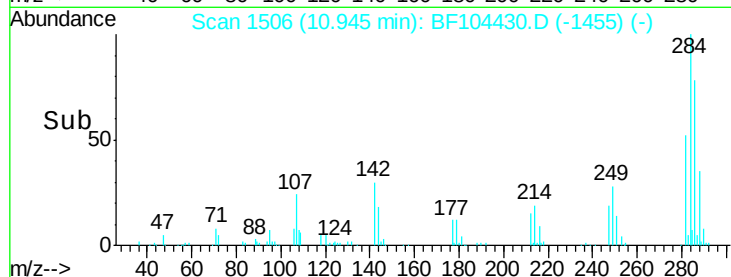
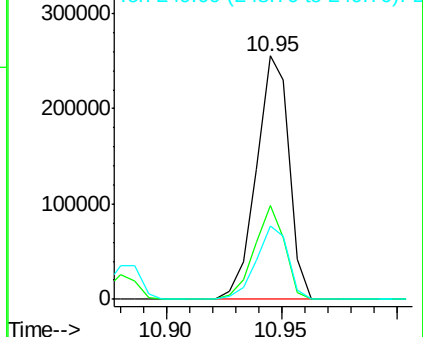
249 30.1 24.8 37.2



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: 44.987 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

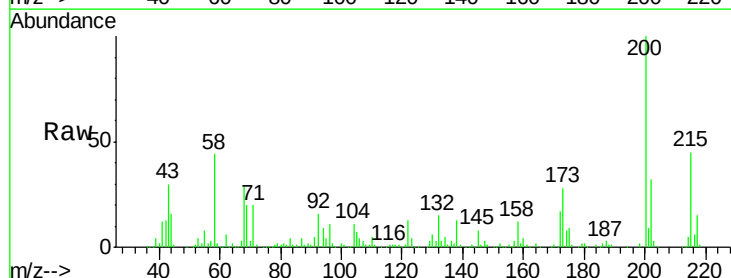
Tgt Ion:200 Resp: 230122

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

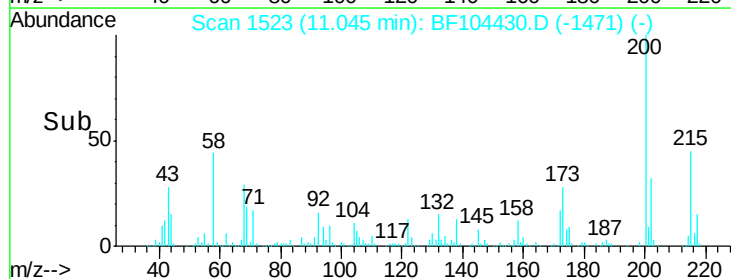
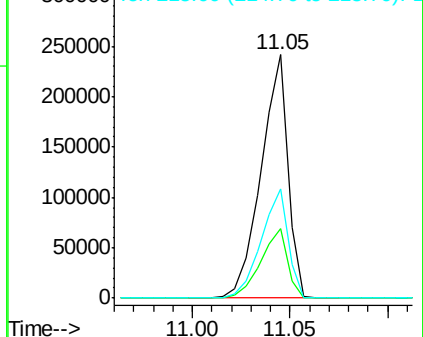
215 44.7 25.1 65.1

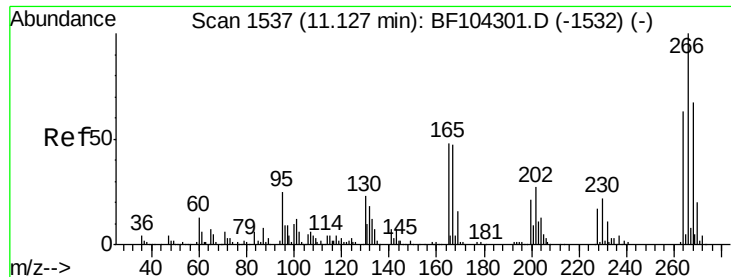


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

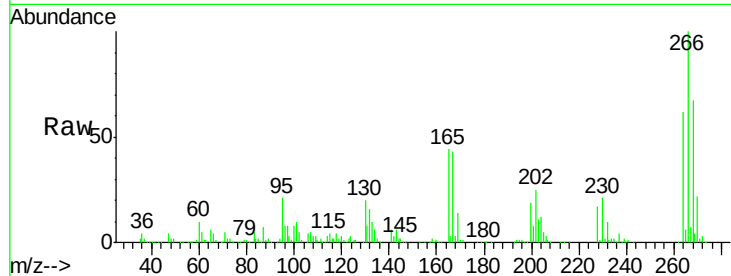




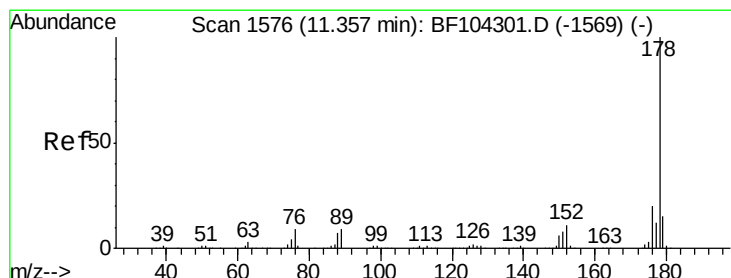
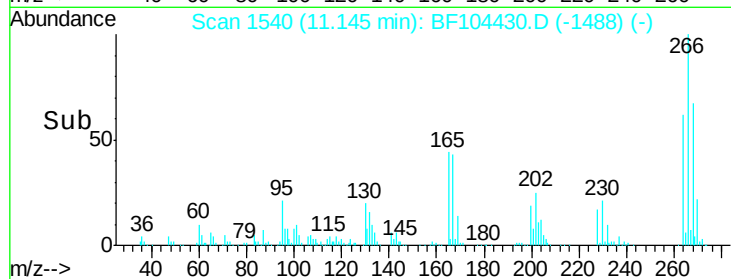
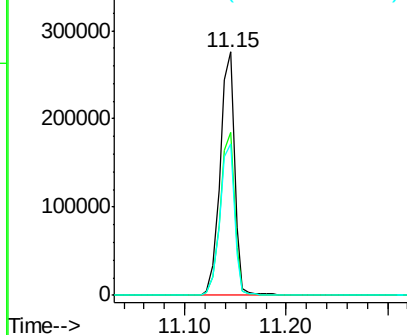
#69
 Pentachlorophenol
 Concen: 76.082 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tgt Ion:266 Resp: 275343
 Ion Ratio Lower Upper
 266 100
 268 66.7 51.1 76.7
 264 62.2 49.5 74.3

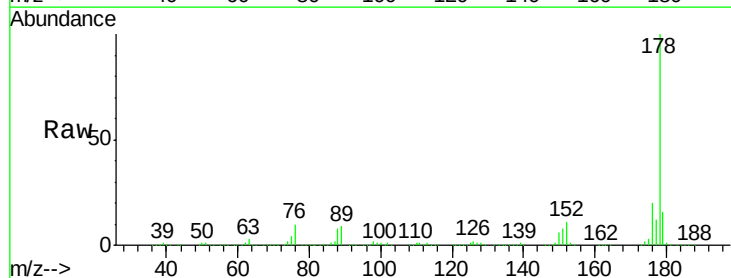


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

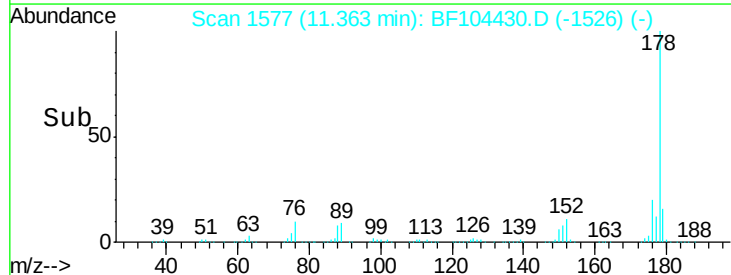
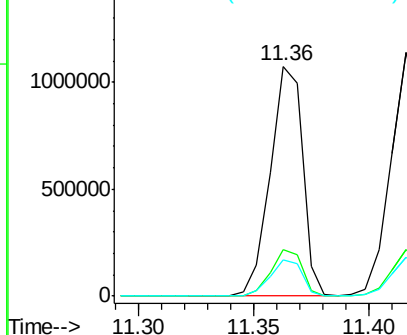


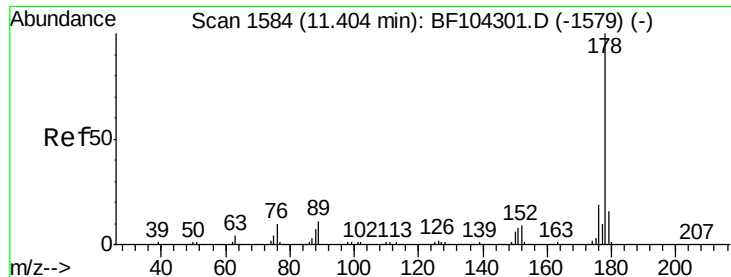
#70
 Phenanthrene
 Concen: 38.469 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion:178 Resp: 1047078
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.7 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

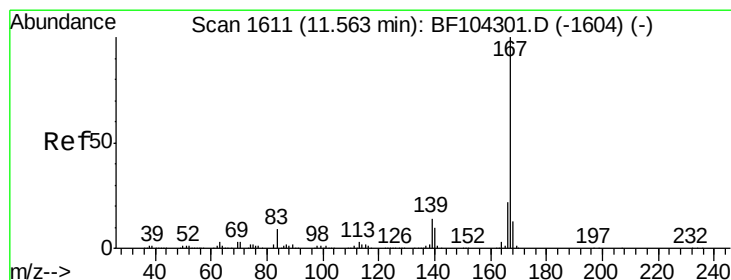
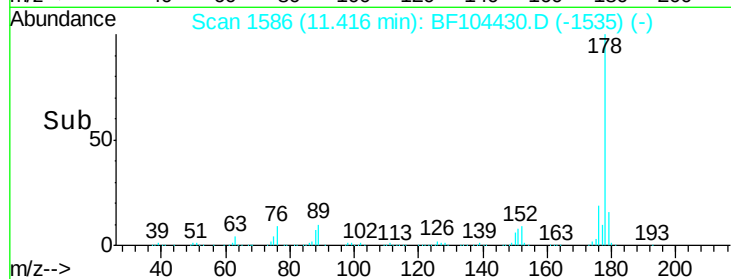
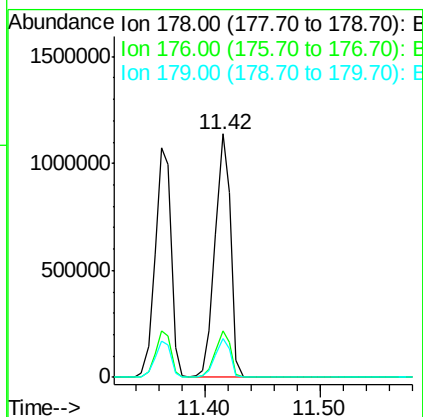
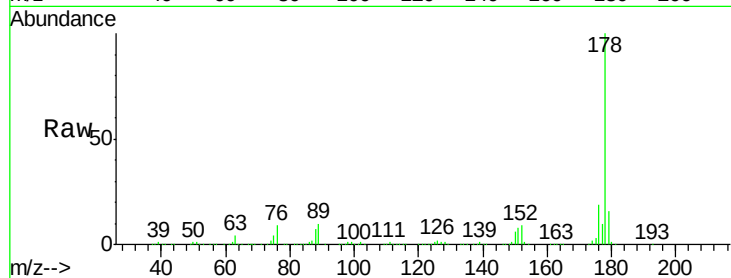




#71
 Anthracene
 Concen: 38.442 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

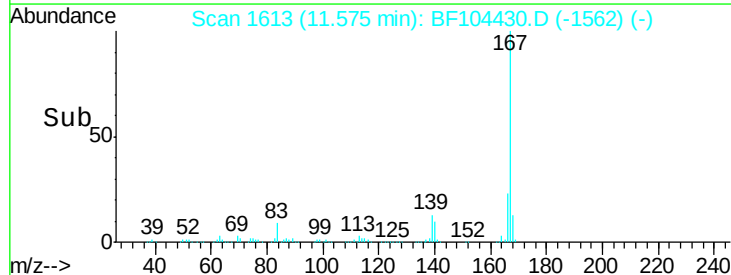
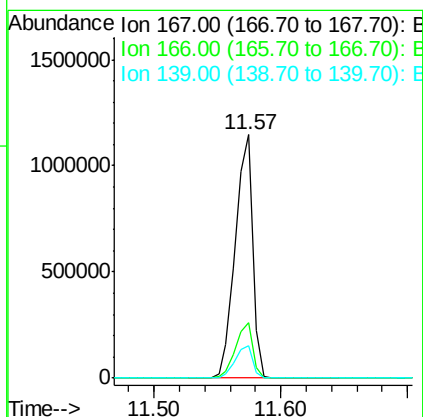
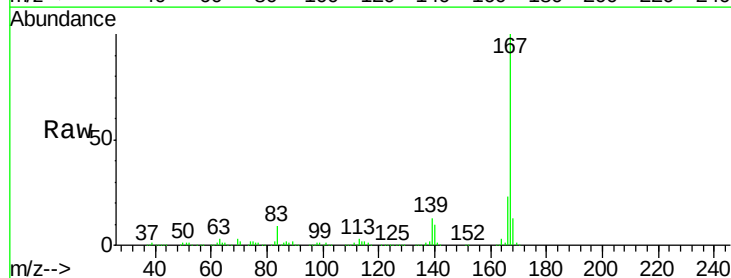
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

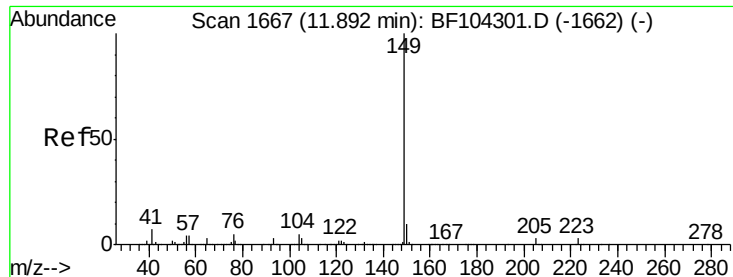
Tgt Ion:178 Resp: 1063642
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 39.972 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion:167 Resp: 1080705
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.375 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

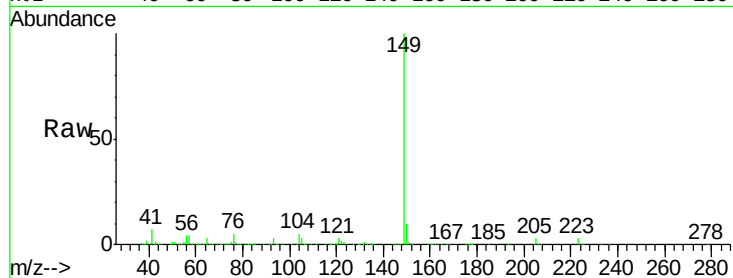
Tgt Ion:149 Resp: 1300443

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

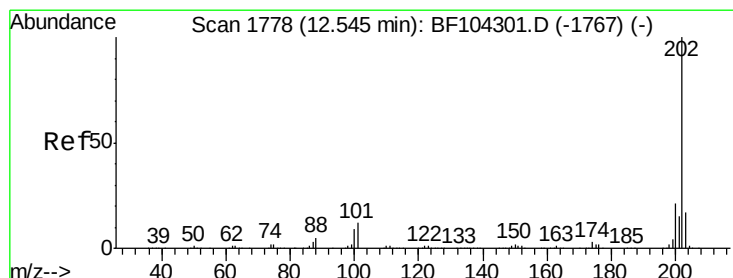
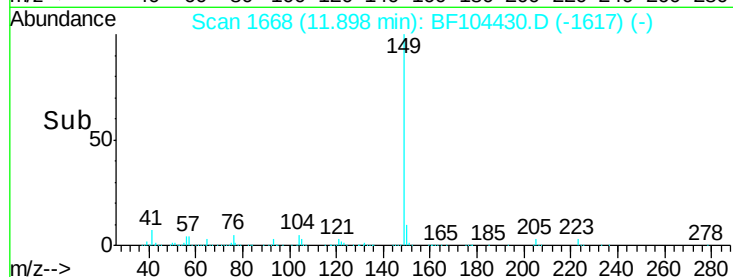
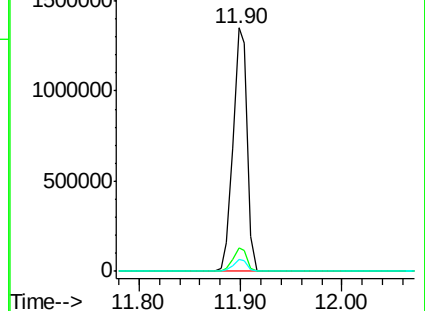
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.412 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

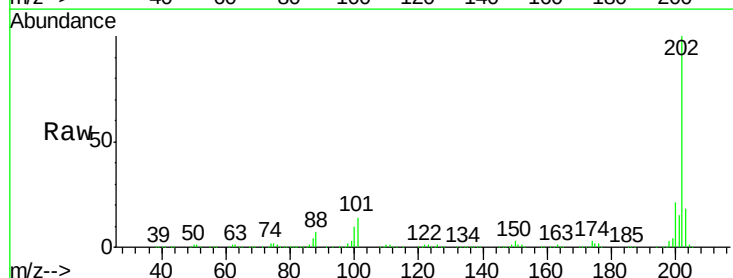
Tgt Ion:202 Resp: 1063945

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

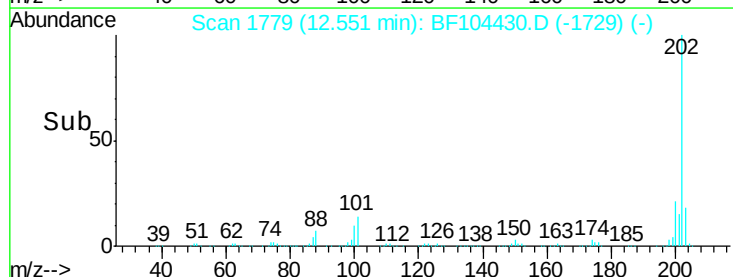
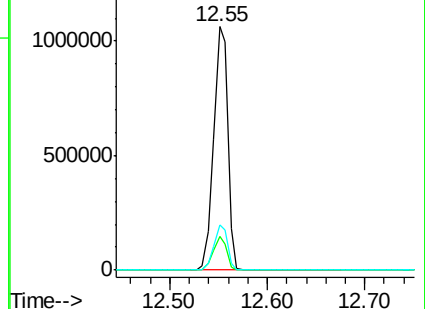
203 18.3 0.0 38.1

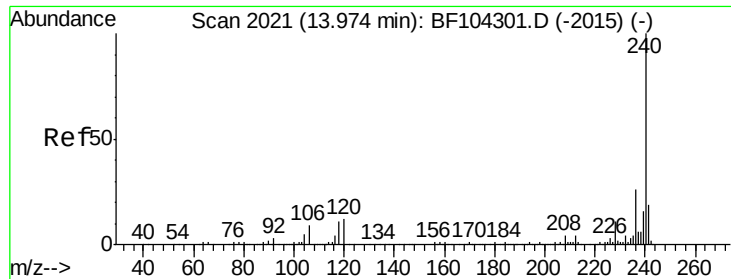


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

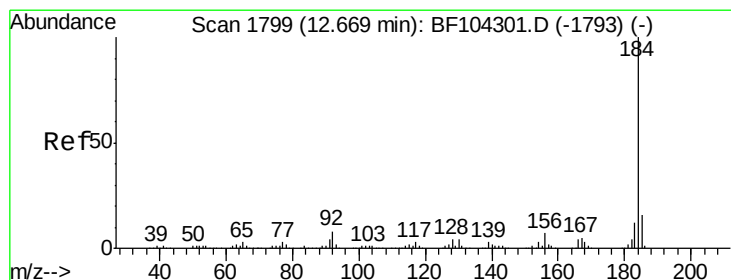
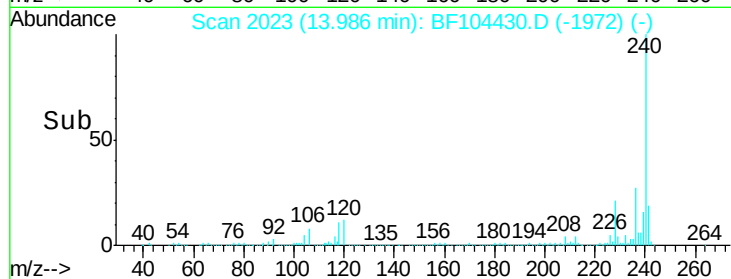
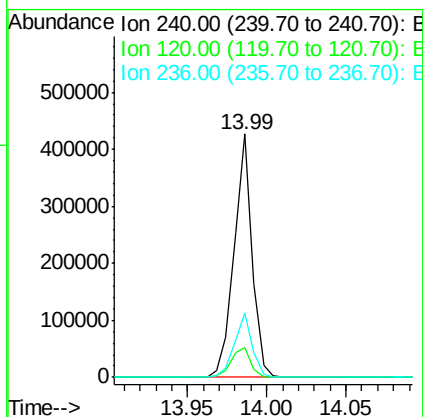
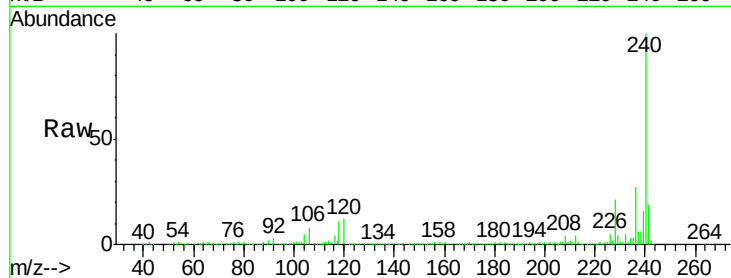




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

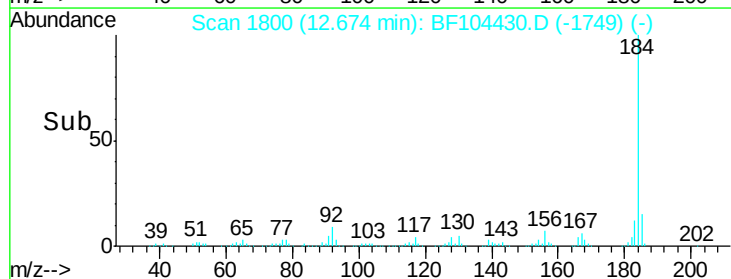
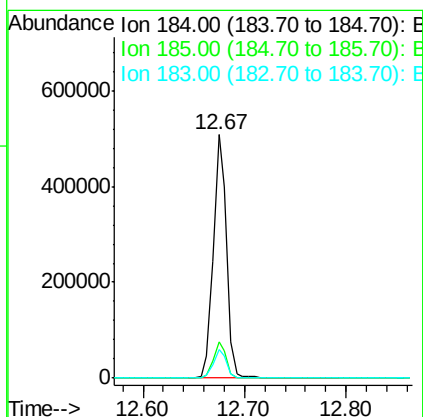
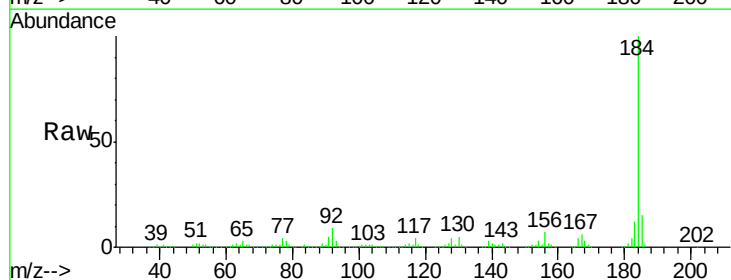
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

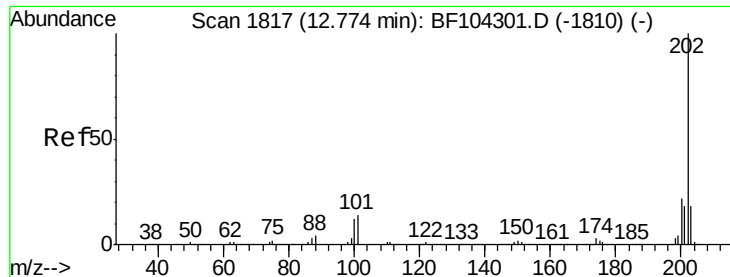
Tgt Ion:240 Resp: 338953
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.5 20.7 31.1



#76
Benzidine
Concen: 40.119 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion:184 Resp: 460565
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 11.9 9.3 13.9

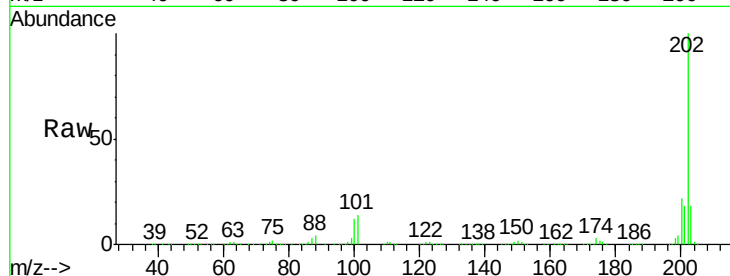




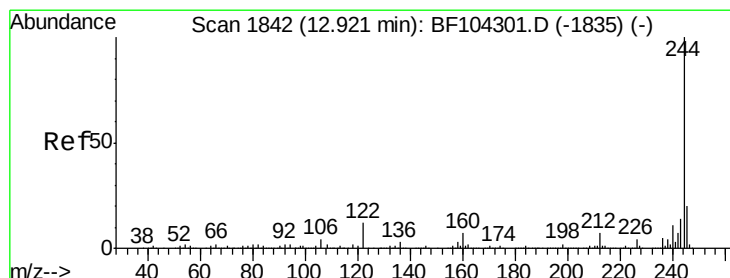
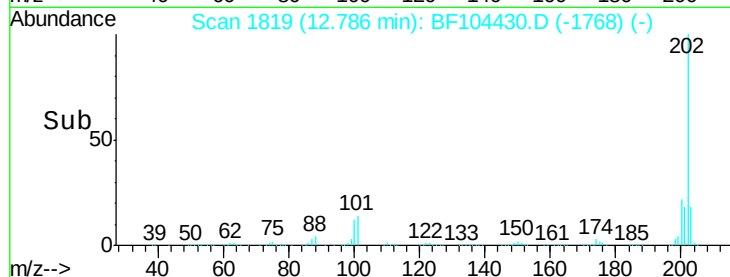
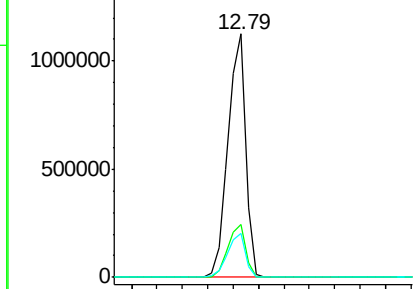
#77
 Pyrene
 Concen: 43.137 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tgt Ion: 202 Resp: 1083790
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.8 14.3 21.5

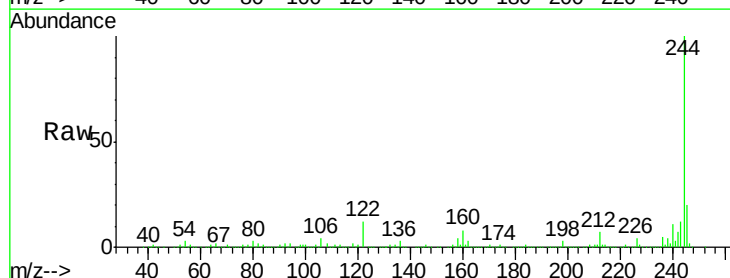


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

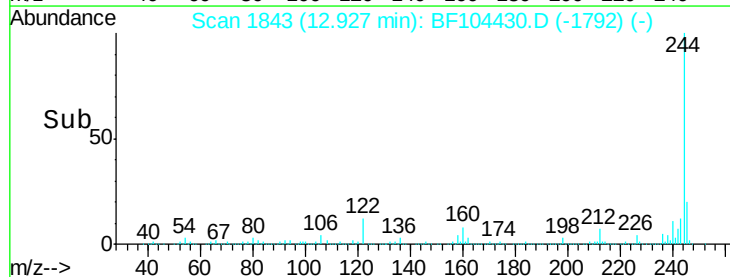
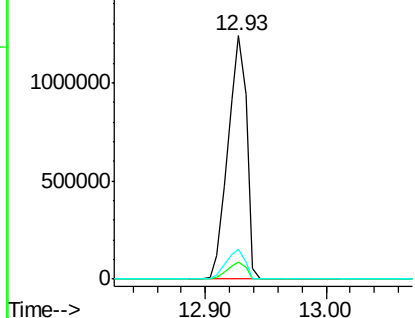


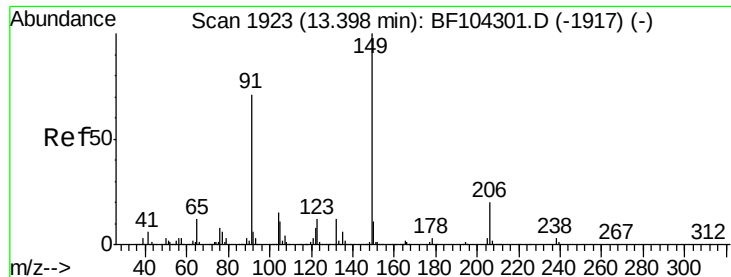
#78
 Terphenyl-d14
 Concen: 89.468 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion: 244 Resp: 1330158
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.5 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

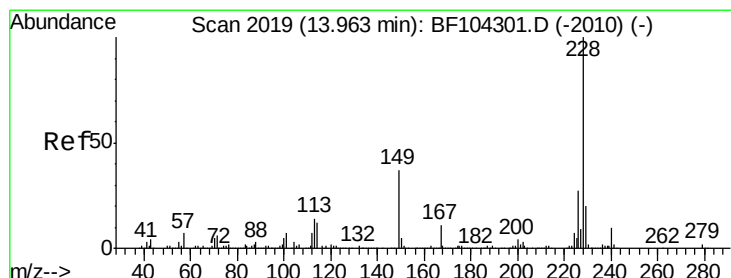
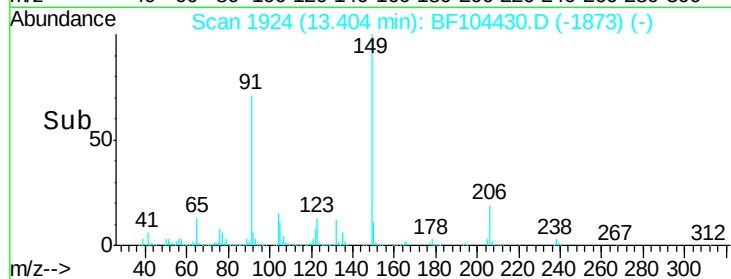
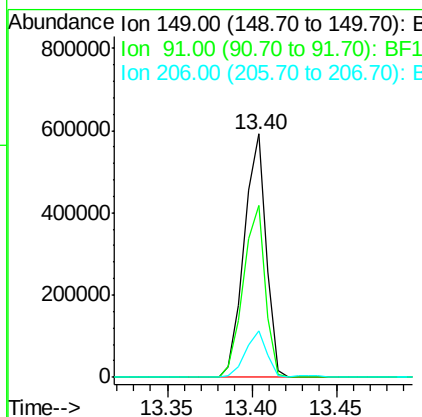
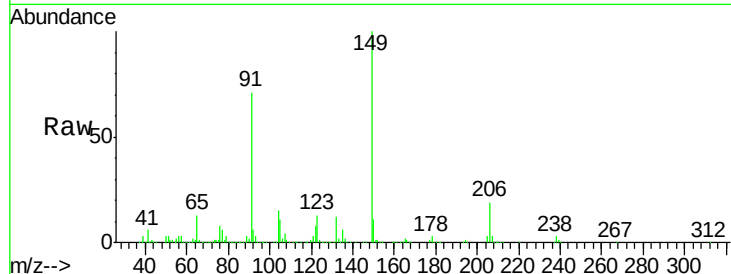




#79
Butylbenzylphthalate
Concen: 45.615 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

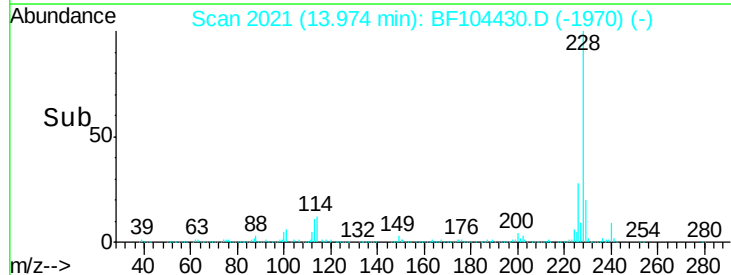
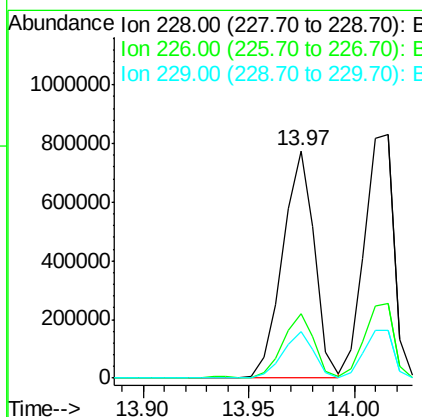
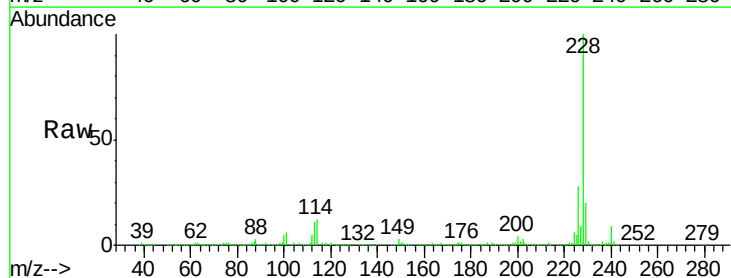
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

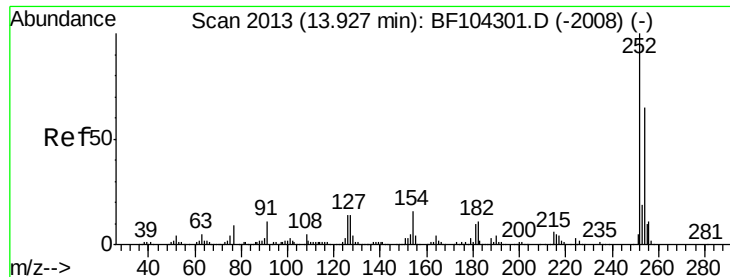
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.8	85.2
206	18.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.191 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.2	15.8	23.6

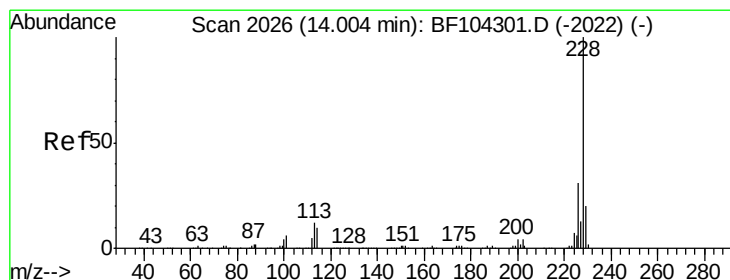
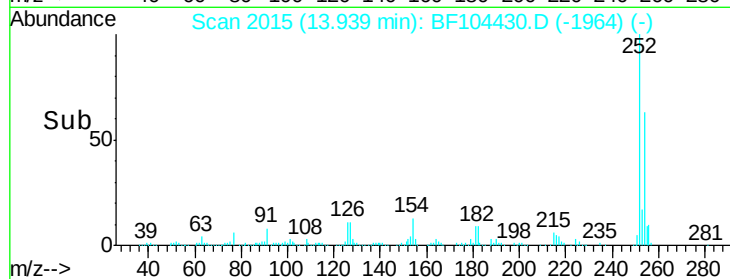
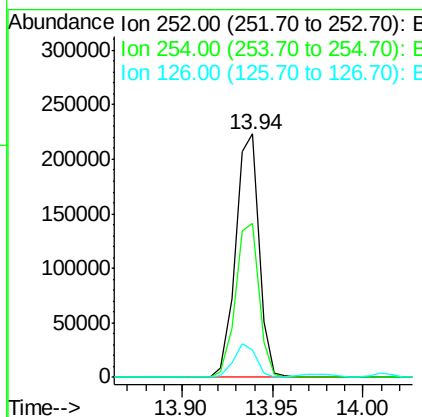
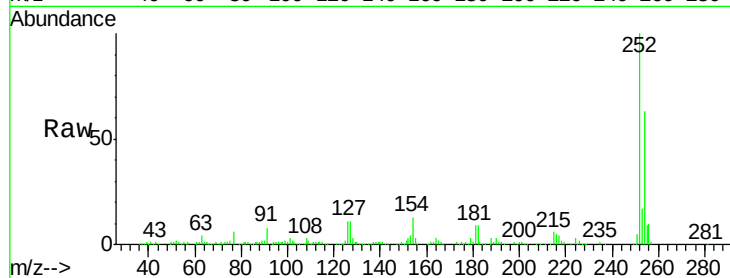




#81
 3,3'-Dichlorobenzidine
 Concen: 26.597 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

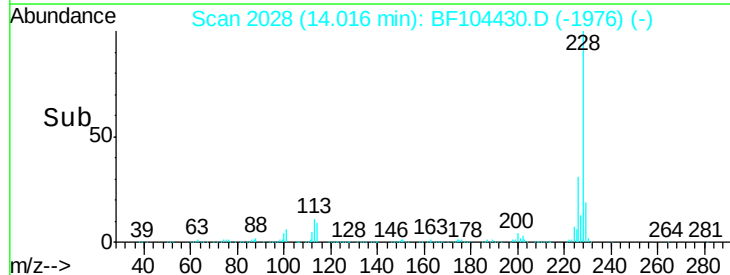
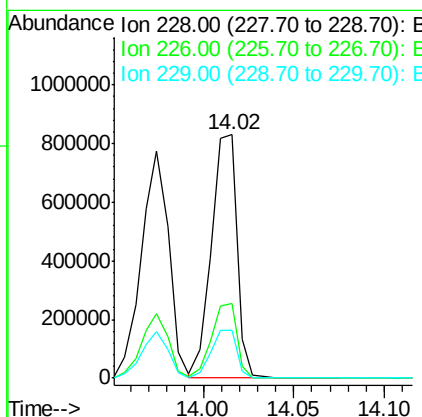
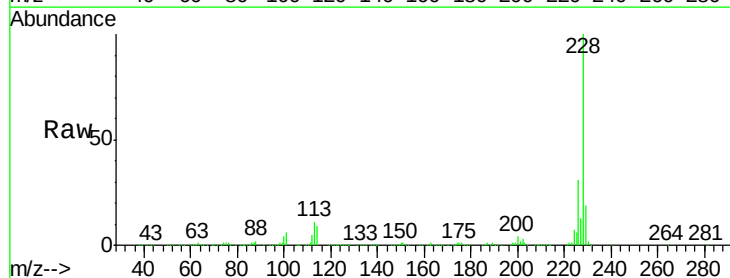
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

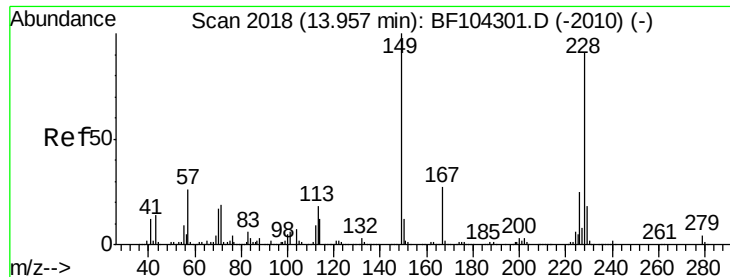
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.4	75.6
126	11.4	11.3	16.9



#82
 Chrysene
 Concen: 39.095 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.4	16.2	24.4

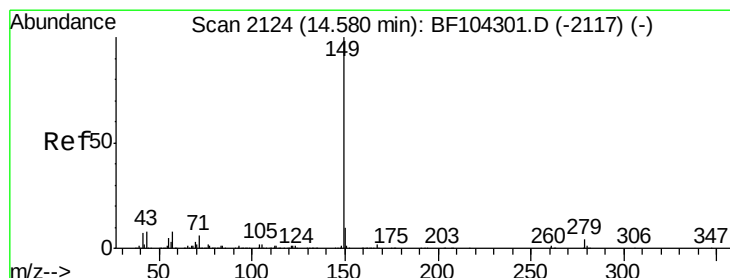
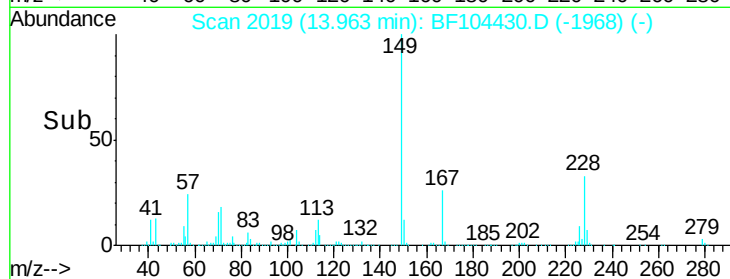
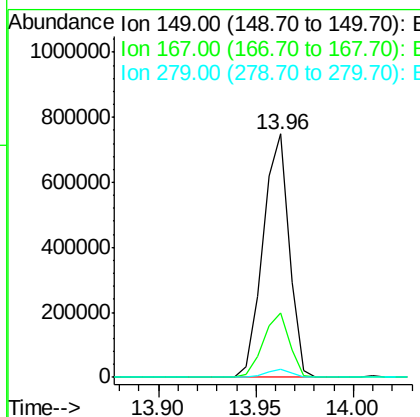
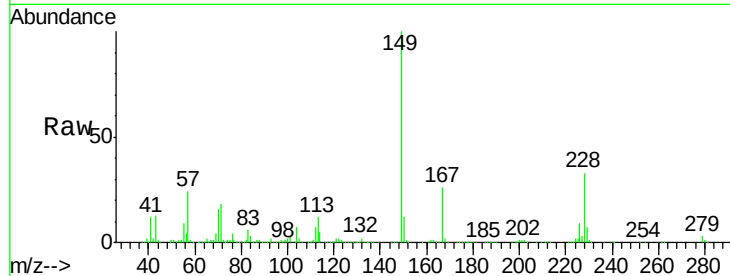




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.707 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

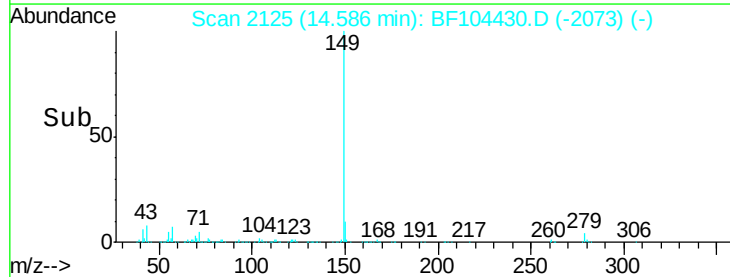
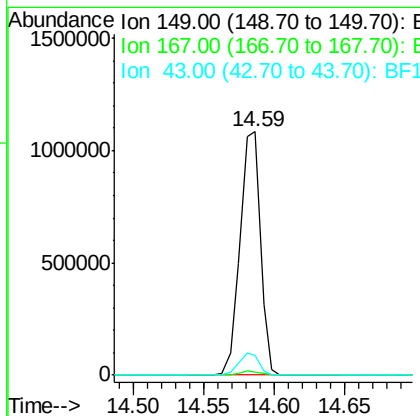
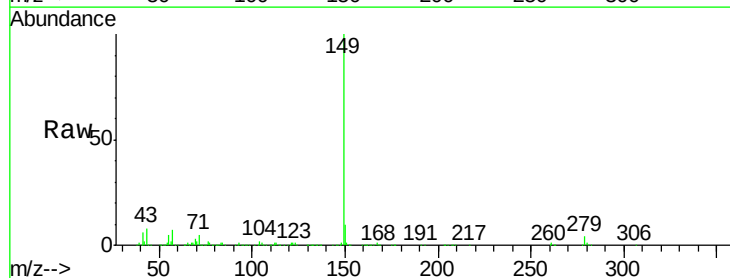
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

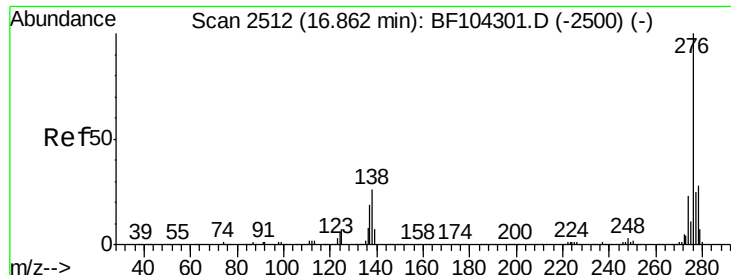
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.5	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 42.968 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6

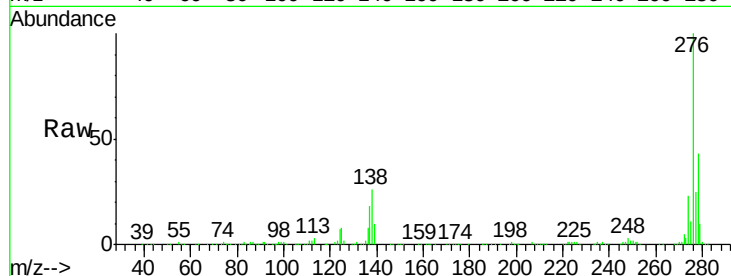




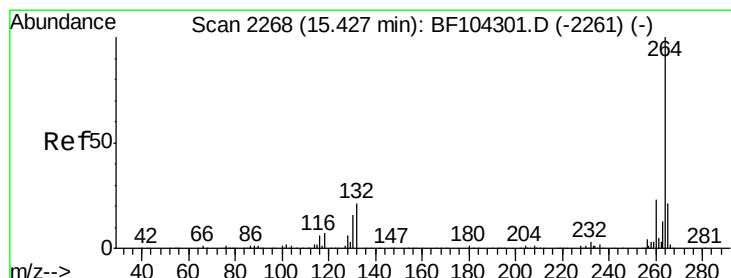
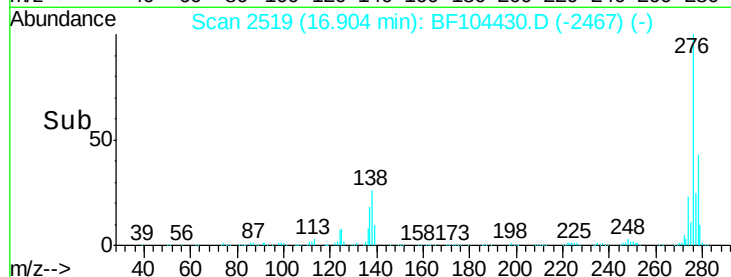
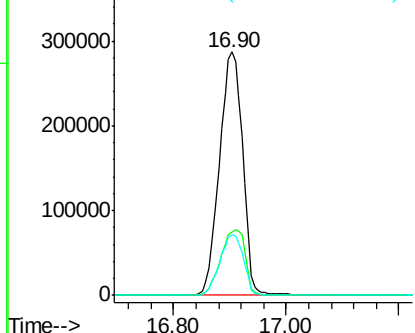
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.627 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.0	37.6
277	25.4	20.1	30.1

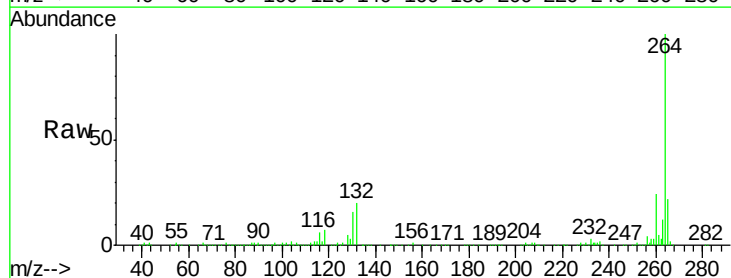


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

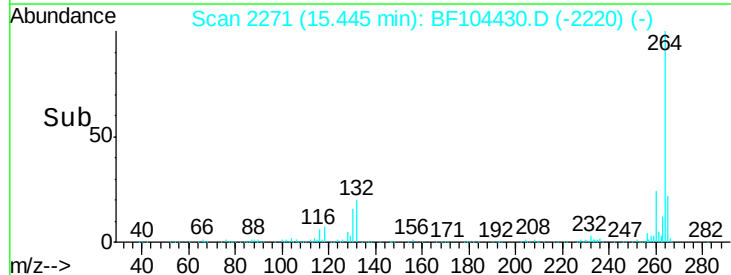
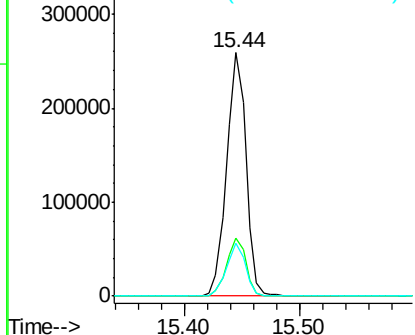


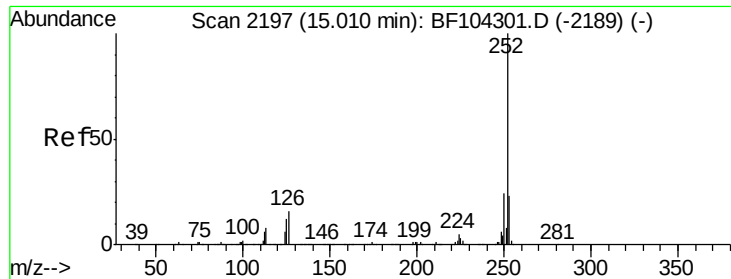
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.5	26.3



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

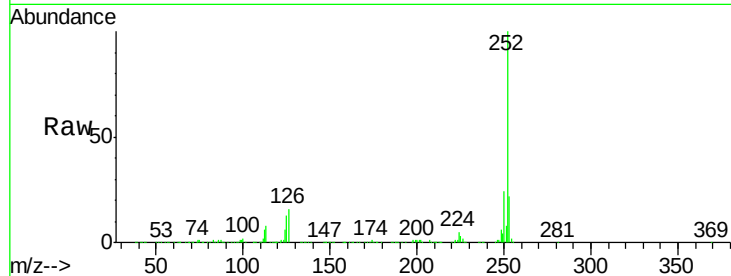




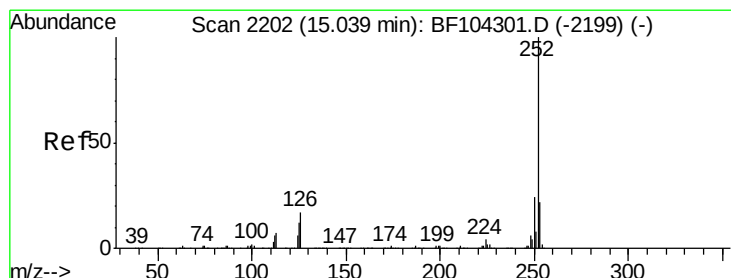
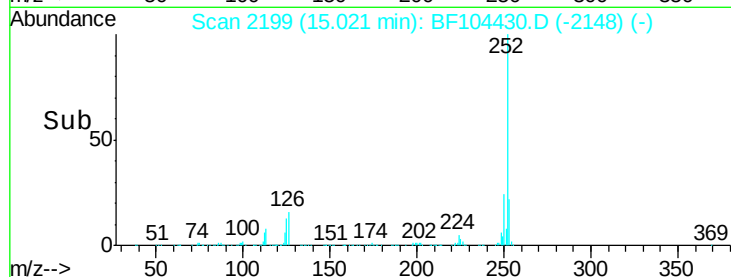
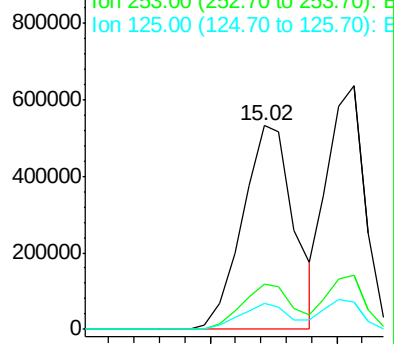
#87
Benzo(b)fluoranthene
Concen: 39.563 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tgt Ion:252 Resp: 753504
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.0 9.0 13.6

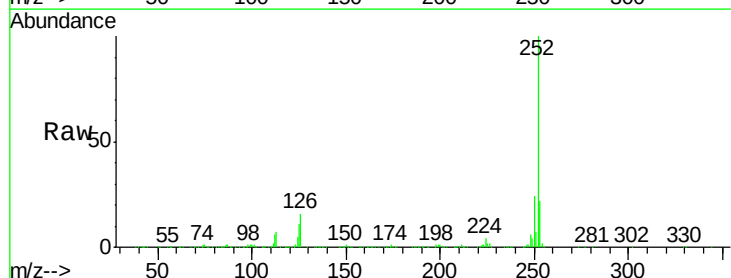


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

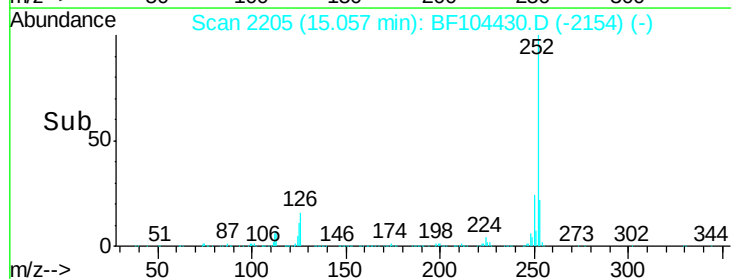
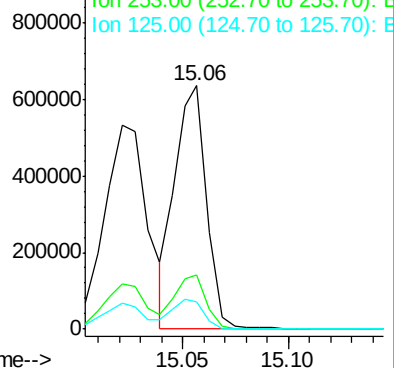


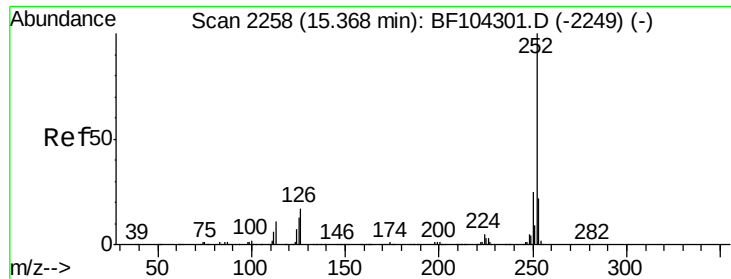
#88
Benzo(k)fluoranthene
Concen: 36.575 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion:252 Resp: 657646
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.2 10.2 15.2



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

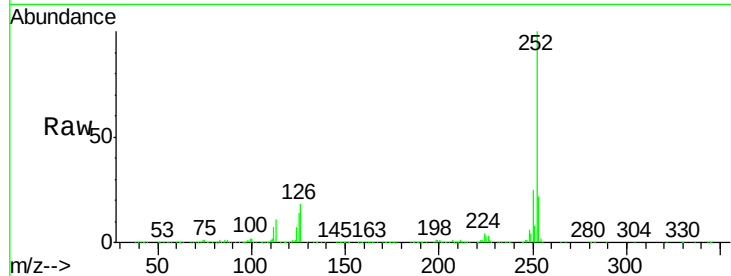




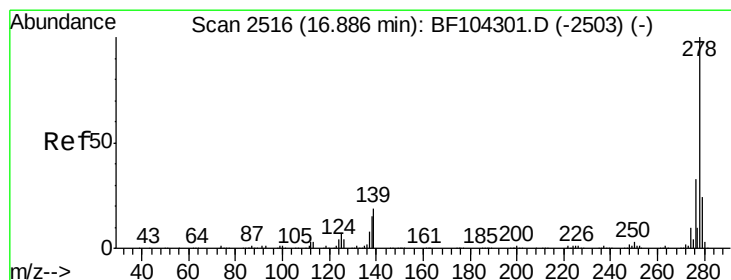
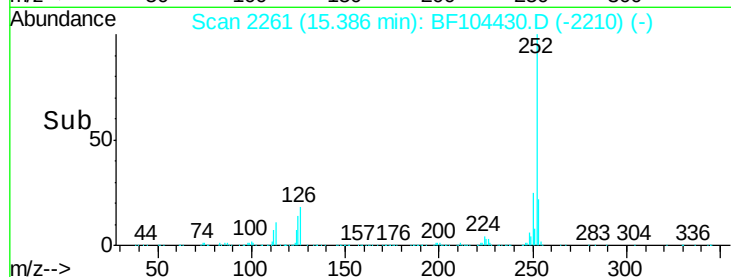
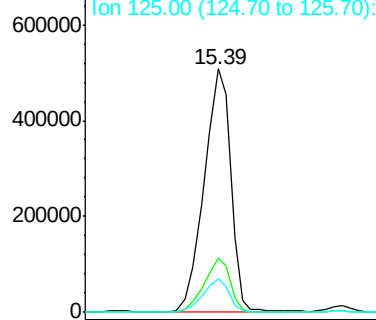
#89
Benzo(a)pyrene
Concen: 39.193 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tgt Ion: 252 Resp: 667888
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 14.1 9.8 14.6

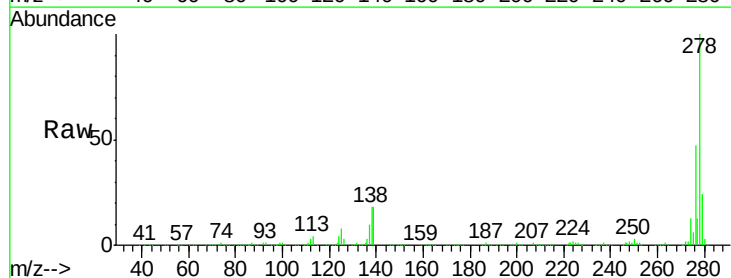


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

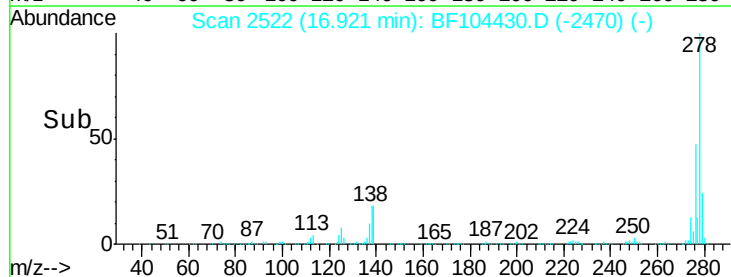
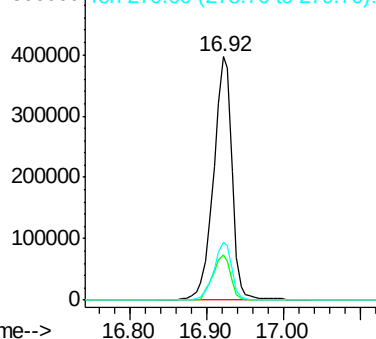


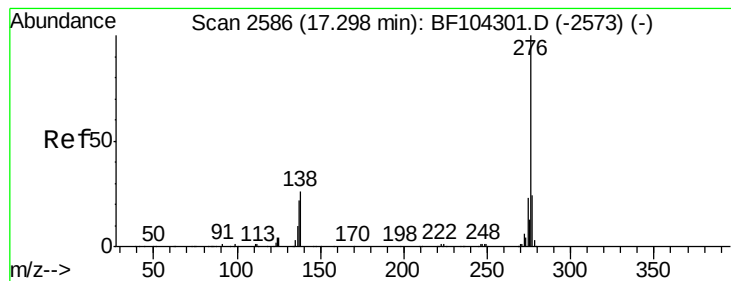
#90
Dibenzo(a,h)anthracene
Concen: 47.984 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion: 278 Resp: 671573
Ion Ratio Lower Upper
278 100
139 18.4 15.9 23.9
279 23.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.660 ng

RT: 17.34 min Scan# 2594

Delta R.T. 0.01 min

Lab File: BF104430.D

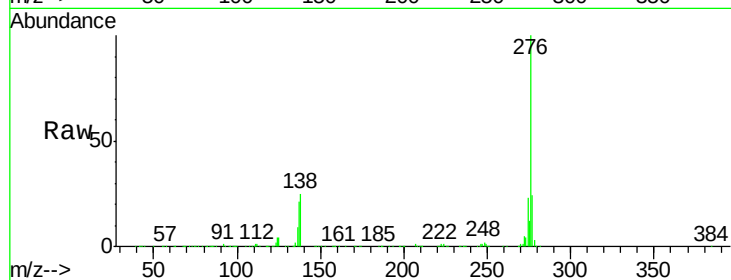
Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD



Tgt Ion: 276 Resp: 700481

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 24.6 21.8 32.8

