

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104429.D
 Acq On : 11 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2301-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 11 11:54:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	143955	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	585560	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	270352	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	481626	20.00	ng	0.00
75) Chrysene-d12	13.99	240	328222	20.00	ng	0.00
86) Perylene-d12	15.44	264	311478	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	915997	97.30	ng	0.02
7) Phenol-d6	6.45	99	1254725	108.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	748856	83.51	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	327401	116.74	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1304361	76.22	ng	0.00
78) Terphenyl-d14	12.93	244	1276280	88.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	147975	33.732	ng	91
3) Pyridine	3.32	79	404133	32.766	ng	88
4) n-Nitrosodimethylamine	3.28	42	163006	37.808	ng	# 81
6) Aniline	6.47	93	328474	20.439	ng	96
8) 2-Chlorophenol	6.60	128	415457	41.810	ng	95
9) Benzaldehyde	6.36	77	291835	58.326	ng	94
10) Phenol	6.46	94	568800	46.344	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	399706	40.810	ng	95
12) 1,3-Dichlorobenzene	6.75	146	441670	39.234	ng	99
13) 1,4-Dichlorobenzene	6.83	146	441060	39.304	ng	99
14) 1,2-Dichlorobenzene	6.98	146	417779	40.175	ng	99
15) Benzyl Alcohol	6.95	79	357013	40.635	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	528649	40.191	ng	93
17) 2-Methylphenol	7.06	107	346832	40.153	ng	97
18) Hexachloroethane	7.32	117	160214	40.044	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	282914	37.428	ng	94
20) 3+4-Methylphenols	7.22	107	404125	37.724	ng	# 79
22) Acetophenone	7.22	105	555245	38.515	ng	96
24) Nitrobenzene	7.40	77	443812	44.826	ng	95
25) Isophorone	7.63	82	726192	38.295	ng	99
26) 2-Nitrophenol	7.71	139	235893	58.525	ng	96
27) 2,4-Dimethylphenol	7.75	122	324892	38.821	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	490208	42.280	ng	99
29) 2,4-Dichlorophenol	7.95	162	346899	43.442	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	359649	41.039	ng	99
31) Naphthalene	8.12	128	1126946	38.650	ng	99
32) Benzoic acid	7.87	122	229562	34.378	ng	98
33) 4-Chloroaniline	8.16	127	128402	10.279	ng	97
34) Hexachlorobutadiene	8.23	225	201533	41.985	ng	99
35) Caprolactam	8.55	113	74006	26.567	ng	# 78
36) 4-Chloro-3-methylphenol	8.65	107	373436	43.614	ng	95
37) 2-Methylnaphthalene	8.80	142	725979	38.492	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316390	40.882	ng	99
40) Hexachlorocyclopentadiene	8.96	237	355905	82.146	ng	98

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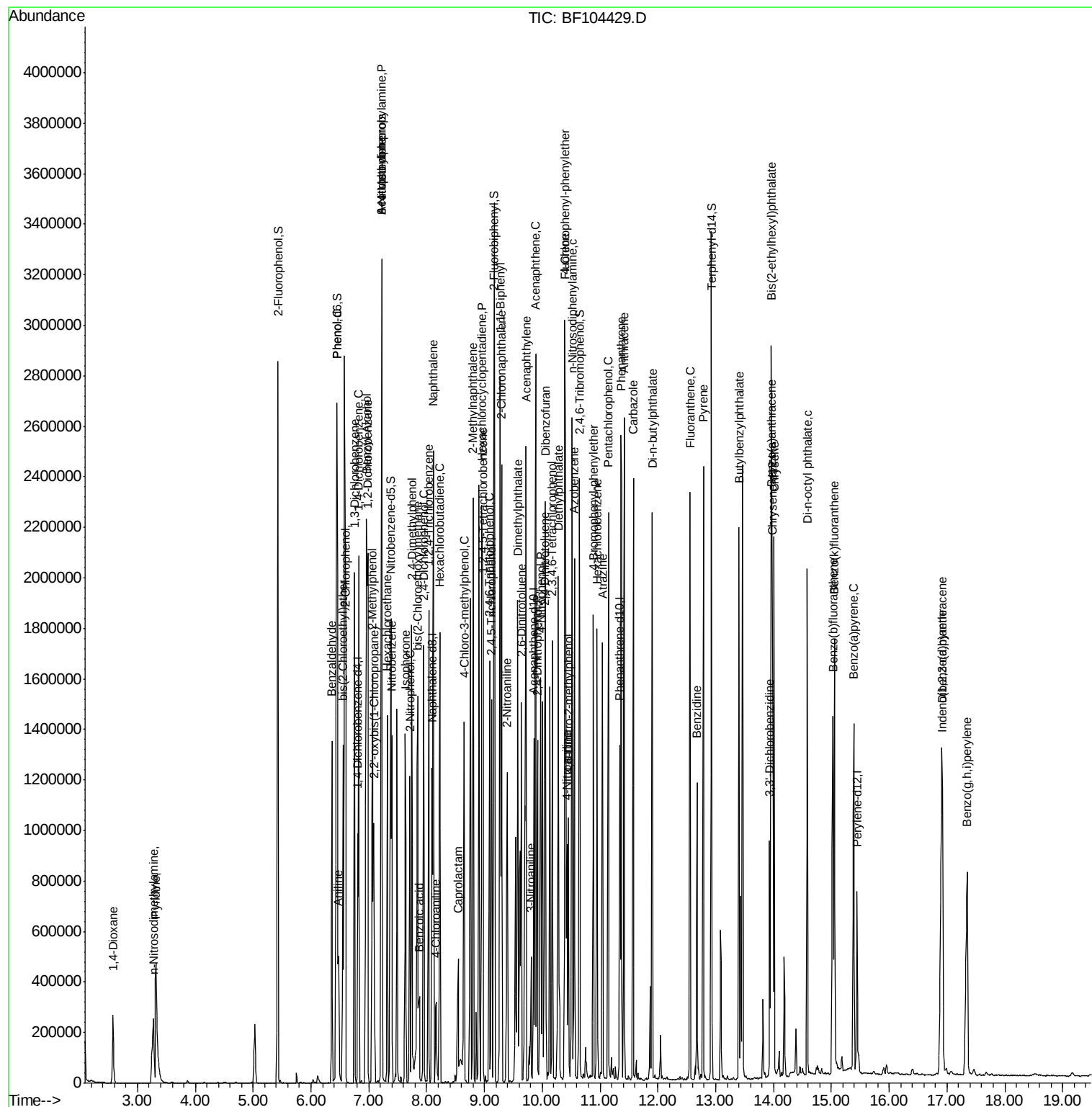
42) 2,4,6-Trichlorophenol	9.09	196	249864	46.510	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	250093	41.600	nq	94
45) 1,1'-Biphenyl	9.27	154	918879	40.459	nq	98
46) 2-Chloronaphthalene	9.30	162	744399	41.496	nq	100
47) 2-Nitroaniline	9.39	65	229457	51.722	nq	98
48) Acenaphthylene	9.72	152	1097758	39.002	nq	100
49) Dimethylphthalate	9.58	163	986267	46.262	nq	99
50) 2,6-Dinitrotoluene	9.64	165	197833	50.149	nq	93
51) Acenaphthene	9.89	154	651119	37.916	nq	99
52) 3-Nitroaniline	9.80	138	84400	18.275	nq	94
53) 2,4-Dinitrophenol	9.92	184	181201	99.495	nq	# 21
54) Dibenzofuran	10.06	168	979364	40.923	nq	98
55) 4-Nitrophenol	9.97	139	336929	92.873	nq	95
56) 2,4-Dinitrotoluene	10.05	165	250366	48.384	nq	94
57) Fluorene	10.40	166	685720	39.365	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	196612	43.837	nq	94
59) Diethylphthalate	10.27	149	833276	39.245	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	348555	44.930	nq	99
61) 4-Nitroaniline	10.43	138	195911	43.385	nq	96
62) Azobenzene	10.56	77	813692	40.112	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	138724	57.436	nq	87
65) n-Nitrosodiphenylamine	10.52	169	697986	41.798	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	225307	43.980	nq	# 88
67) Hexachlorobenzene	10.95	284	243865	42.305	nq	96
68) Atrazine	11.05	200	224782	44.594	nq	100
69) Pentachlorophenol	11.15	266	272846	76.510	nq	99
70) Phenanthrene	11.36	178	1026331	38.265	nq	99
71) Anthracene	11.42	178	1042163	38.224	nq	100
72) Carbazole	11.57	167	1042476	39.129	nq	99
73) Di-n-butylphthalate	11.90	149	1247020	38.317	nq	99
74) Fluoranthene	12.56	202	1017125	36.296	nq	96
76) Benzidine	12.67	184	423325	37.326	nq	99
77) Pyrene	12.79	202	1039908	42.744	nq	100
79) Butylbenzylphthalate	13.40	149	501480	43.753	nq	99
80) Benzo(a)anthracene	13.97	228	787245	40.148	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	195046	26.678	nq	# 98
82) Chrysene	14.01	228	779203	38.688	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	656121	44.505	nq	100
84) Di-n-octyl phthalate	14.58	149	1048504	42.564	nq	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	848596	49.599	nq	97
87) Benzo(b)fluoranthene	15.03	252	756152	38.437	nq	99
88) Benzo(k)fluoranthene	15.06	252	684929	36.879	nq	98
89) Benzo(a)pyrene	15.39	252	695635	39.520	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	692585	47.908	nq	99
91) Benzo(g,h,i)perylene	17.35	276	727009	51.907	nq	96

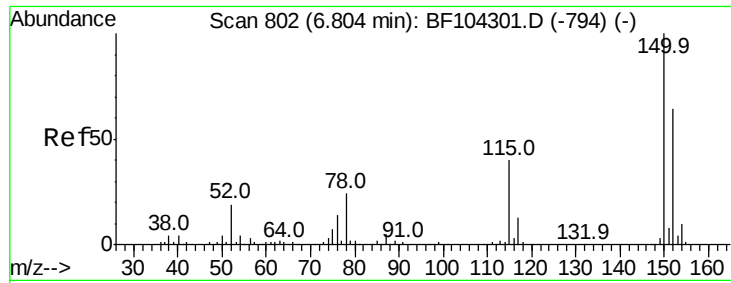
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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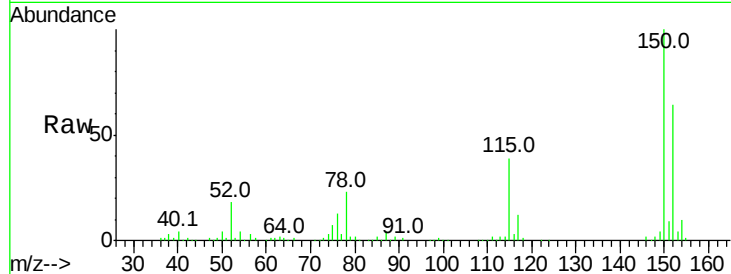


#1

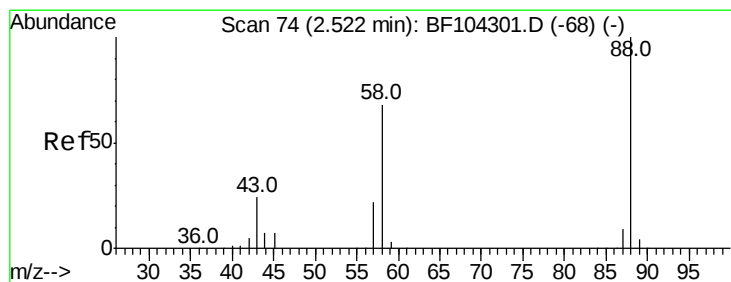
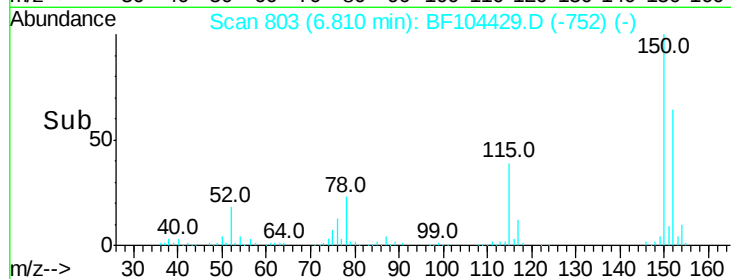
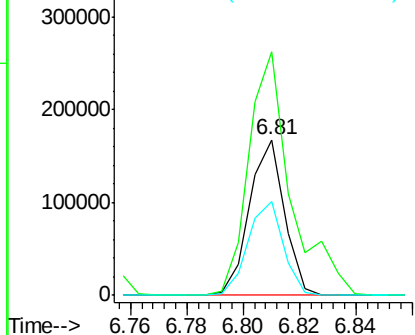
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion:152 Resp: 143955
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 60.4 50.1 75.1



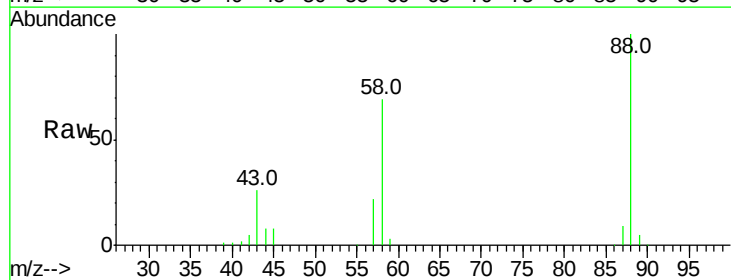
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



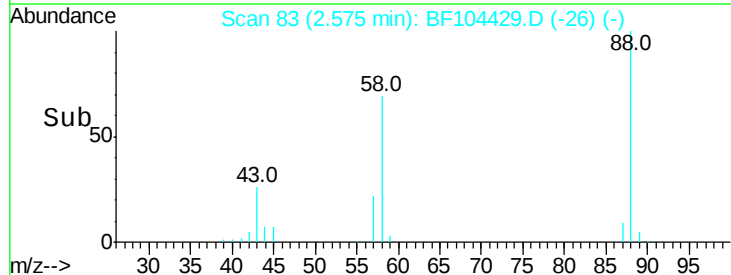
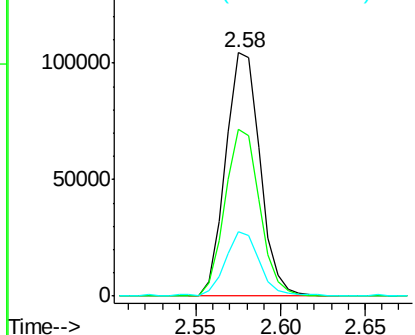
#2

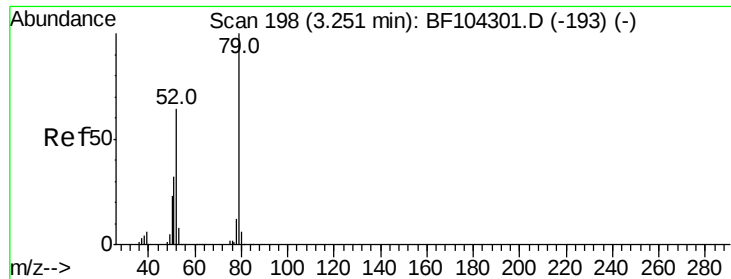
1,4-Dioxane
Concen: 33.732 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.04 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion: 88 Resp: 147975
Ion Ratio Lower Upper
88 100
58 69.1 62.6 93.8
43 27.0 24.6 37.0



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





#3

Pvridine

Concen: 32.766 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.04 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

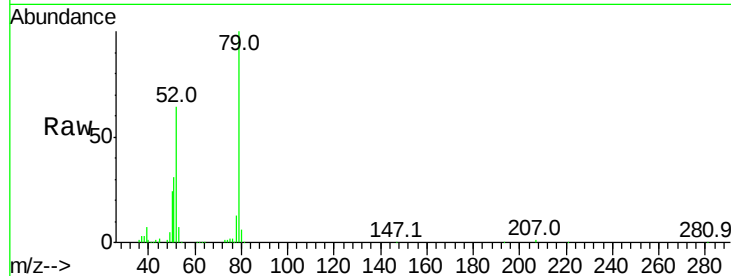
Tot Ion: 79 Resp: 404133

Ion Ratio Lower Upper

79 100

52 64.1 59.8 89.6

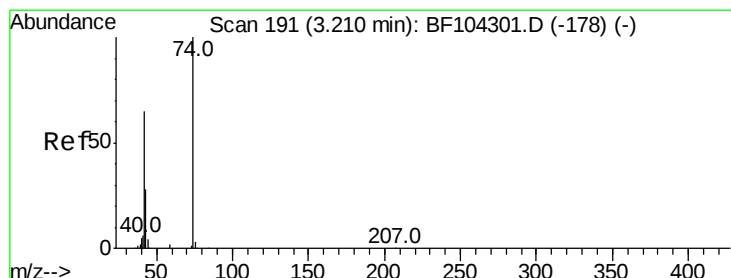
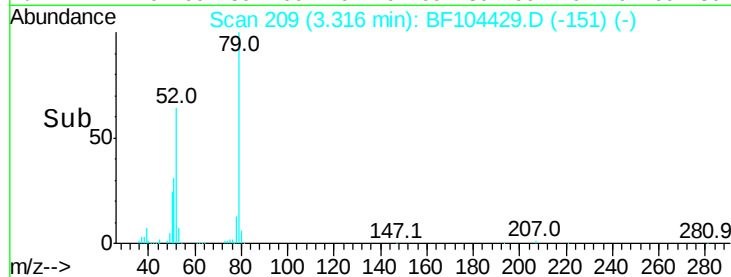
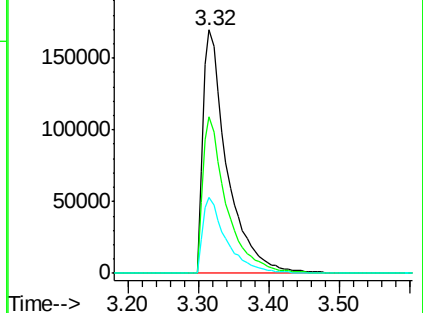
51 31.3 29.8 44.8



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: 37.808 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.04 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

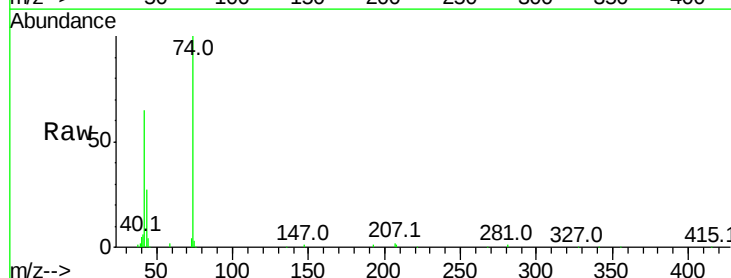
Tgt Ion: 42 Resp: 163006

Ion Ratio Lower Upper

42 100

74 154.2 104.9 157.3

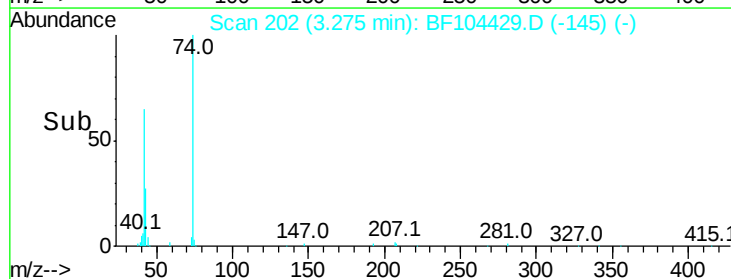
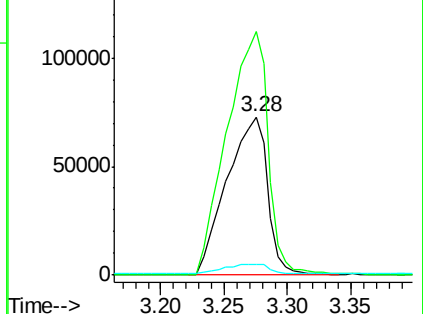
44 6.9 6.9 10.3#

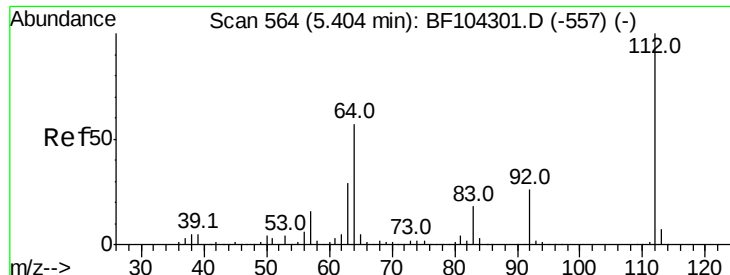


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.295 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

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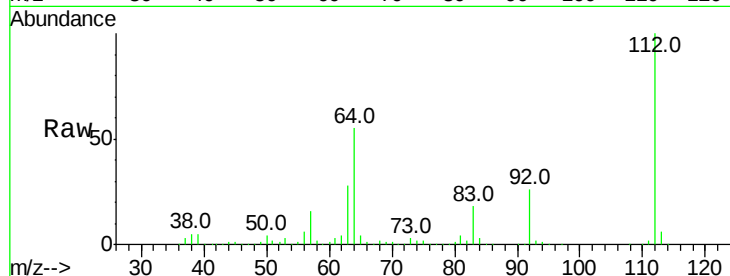
Tot Ion:112 Resp: 915997

Ion Ratio Lower Upper

112 100

64 54.9 47.9 71.9

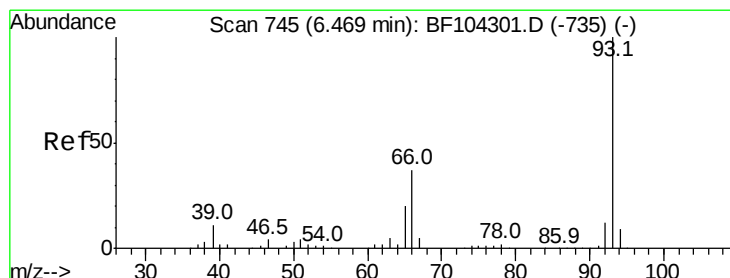
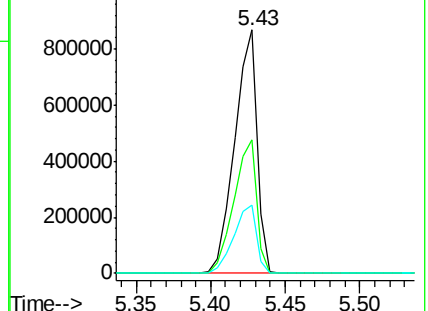
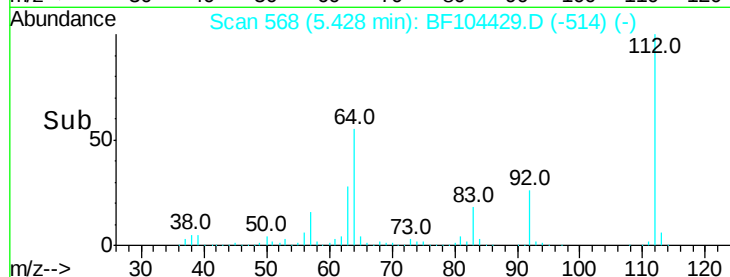
63 28.0 23.7 35.5



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: 20.439 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

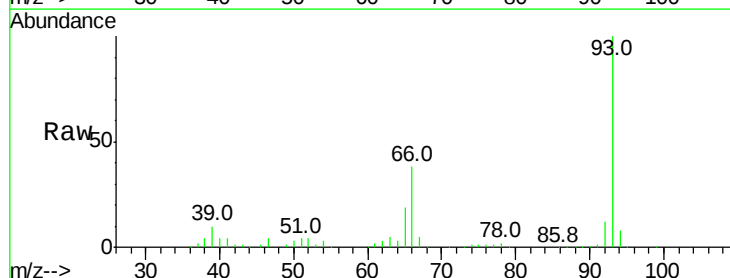
Tgt Ion: 93 Resp: 328474

Ion Ratio Lower Upper

93 100

66 37.9 32.2 48.2

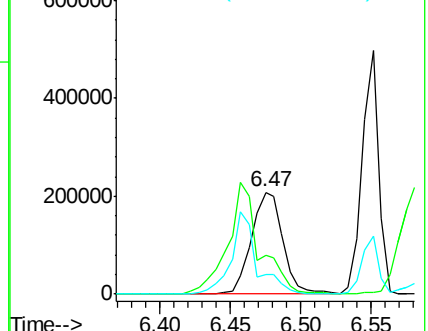
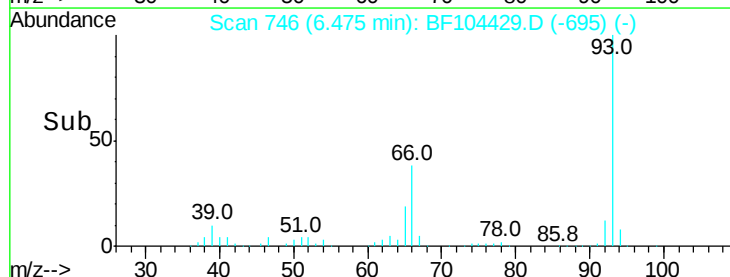
65 18.8 16.4 24.6

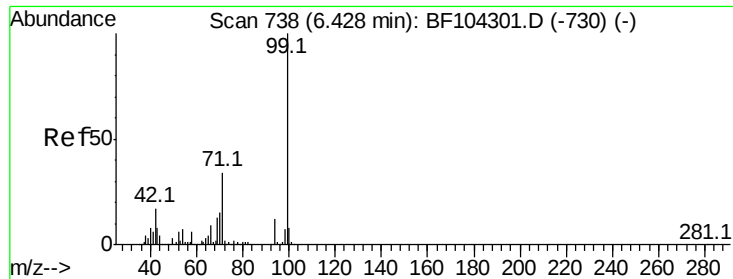


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.470 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

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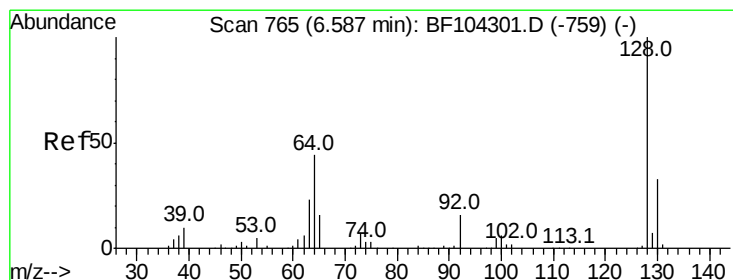
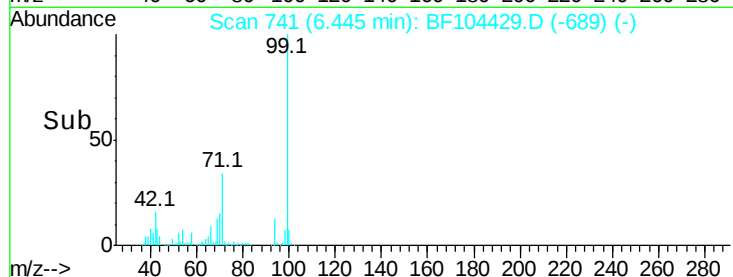
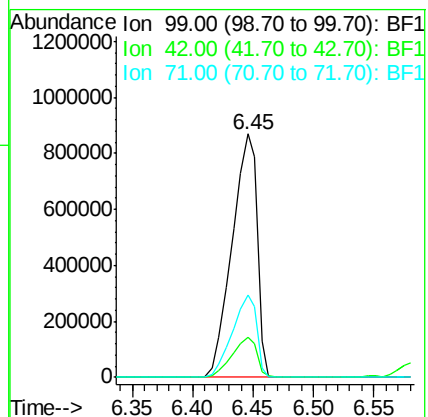
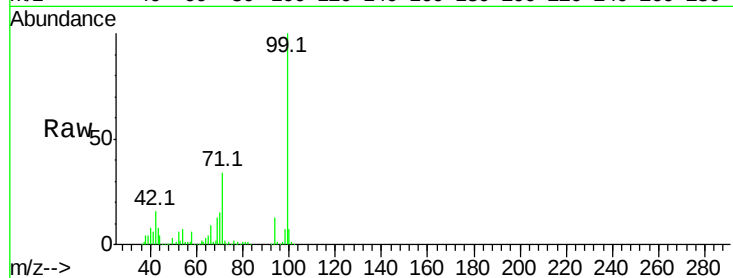
Tot Ion: 99 Resp: 1254725

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 33.8 25.4 38.0



#8

2-Chlorophenol

Concen: 41.810 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

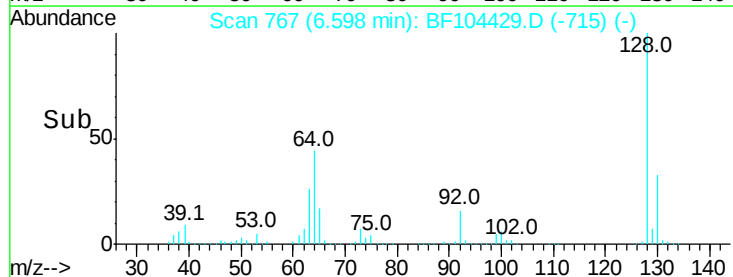
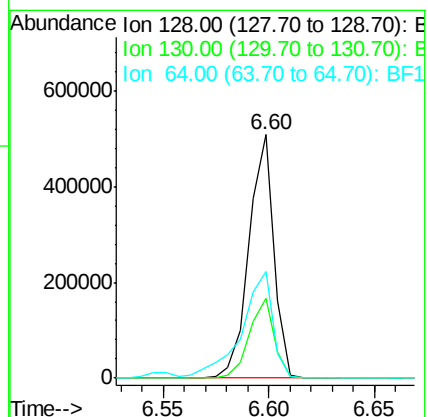
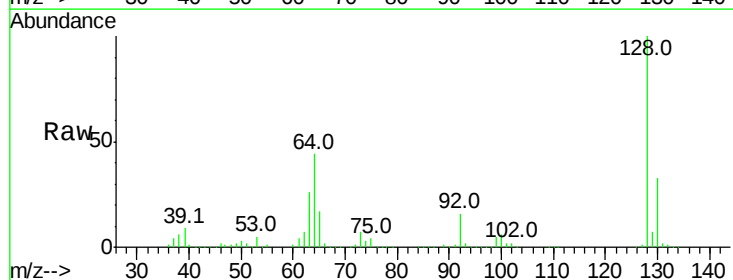
Tgt Ion:128 Resp: 415457

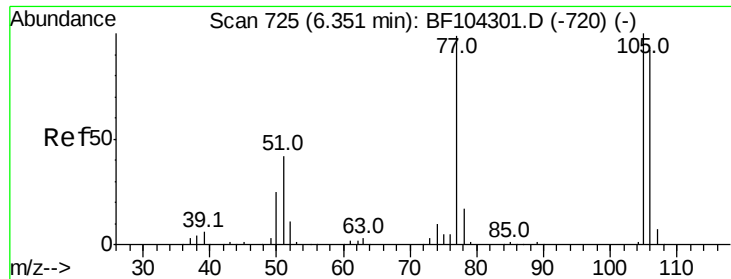
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 43.6 29.4 69.4

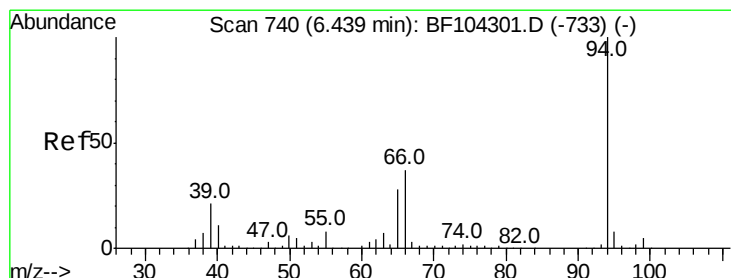
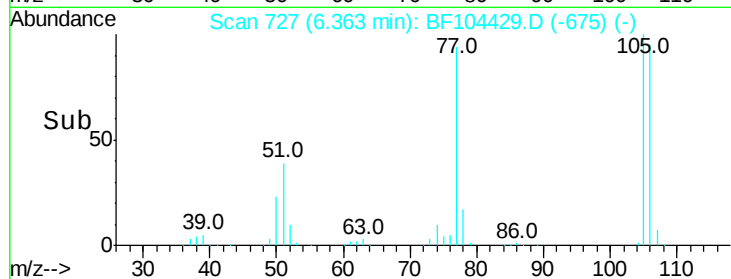
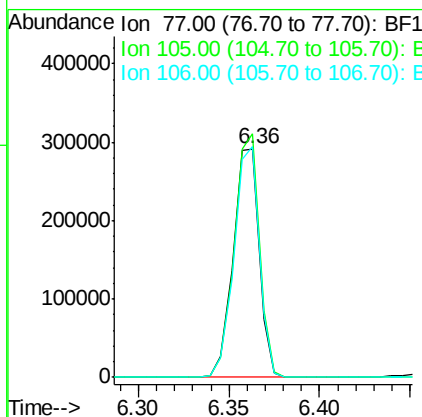
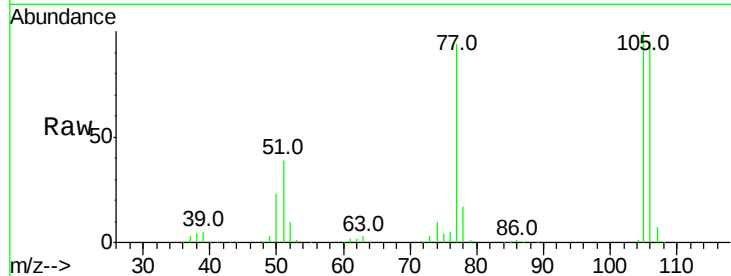




#9
Benzaldehyde
Concen: 58.326 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

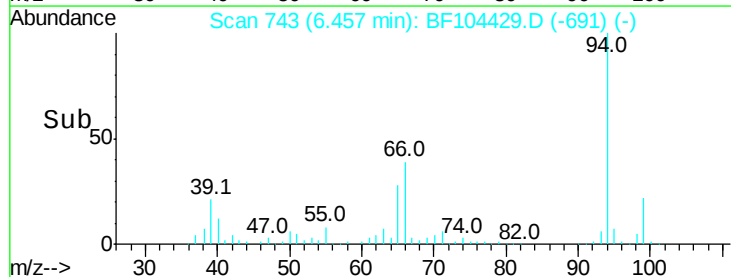
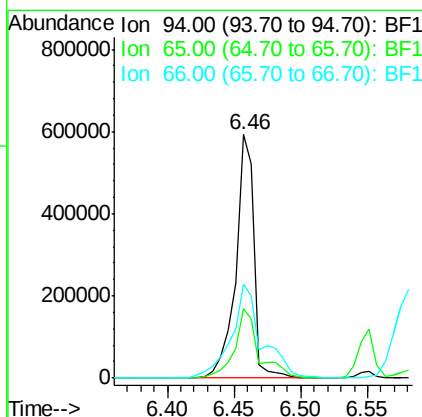
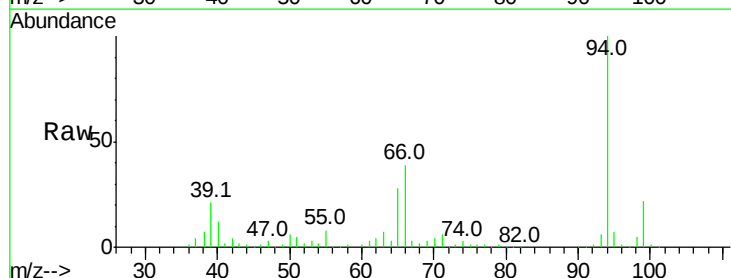
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

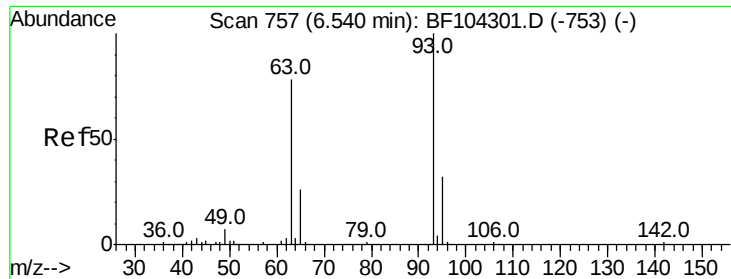
Tot Ion: 77 Resp: 291835
Ion Ratio Lower Upper
77 100
105 106.4 81.1 121.1
106 100.8 74.5 114.5



#10
Phenol
Concen: 46.344 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion: 94 Resp: 568800
Ion Ratio Lower Upper
94 100
65 28.4 7.9 47.9
66 38.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.810 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

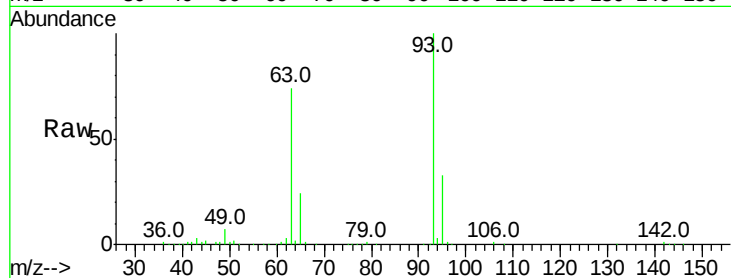
Tot Ion: 93 Resp: 399706

Ion Ratio Lower Upper

93 100

63 73.8 58.6 98.6

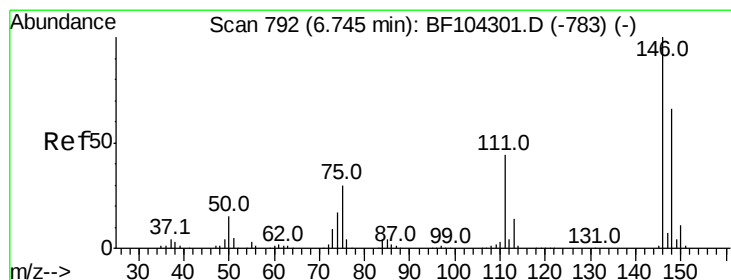
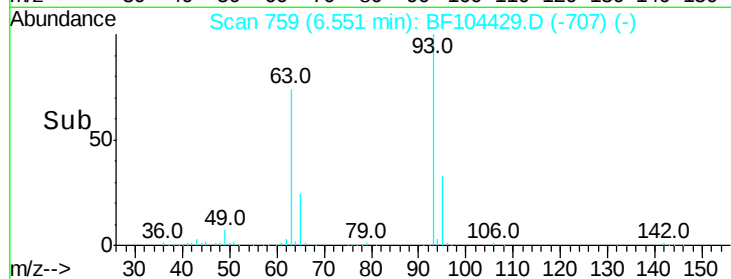
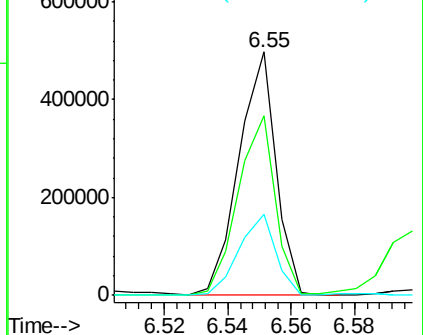
95 33.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.234 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

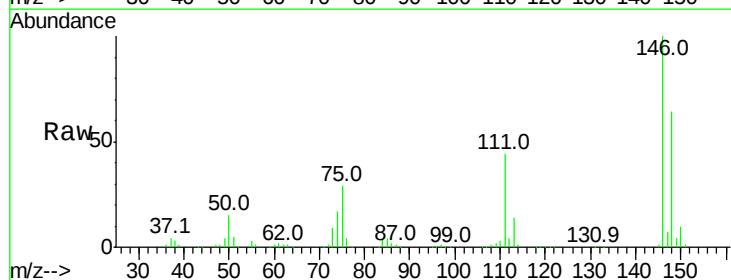
Tgt Ion: 146 Resp: 441670

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

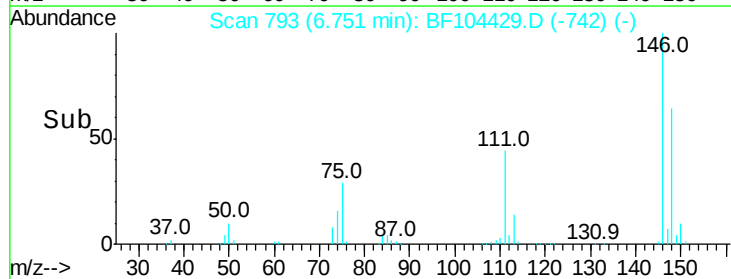
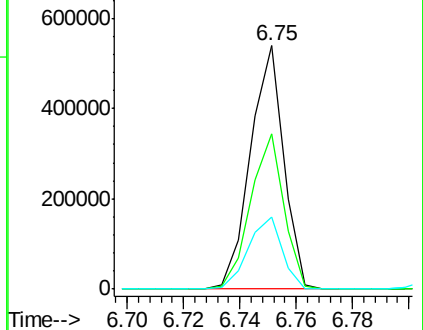
75 29.4 24.2 36.4

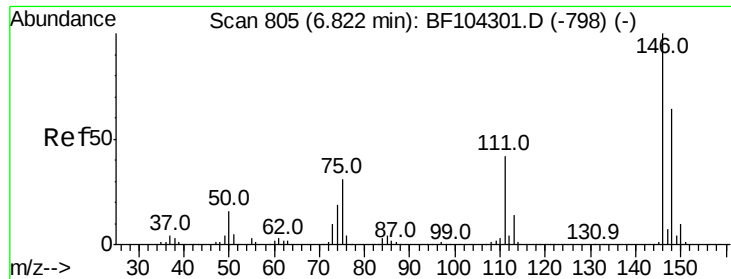


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

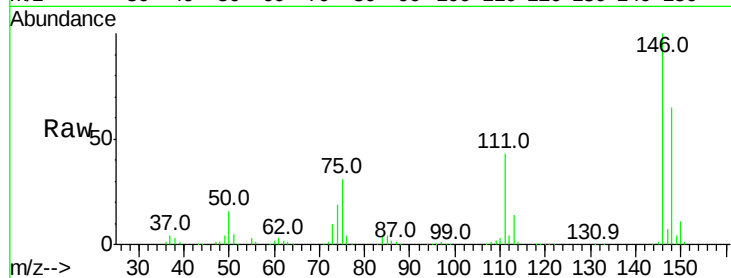




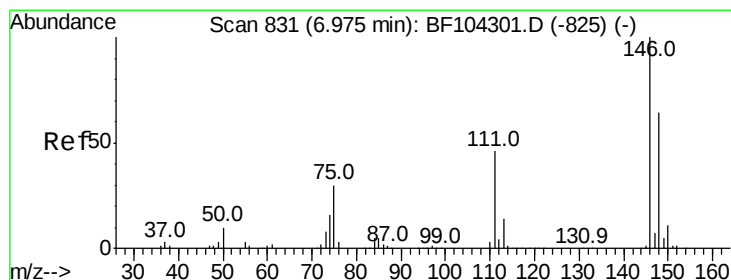
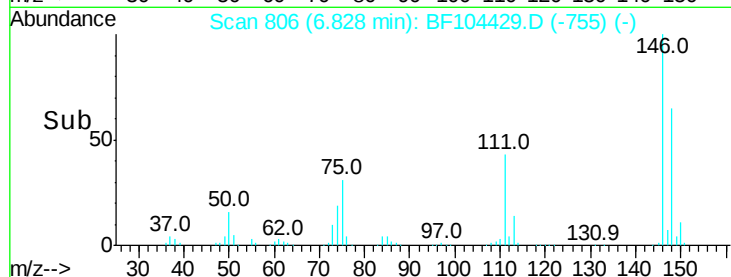
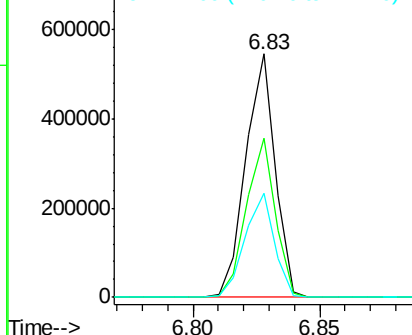
#13
 1,4-Dichlorobenzene
 Concen: 39.304 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion:146 Resp: 441060
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.8 76.2
 111 43.0 34.2 51.2

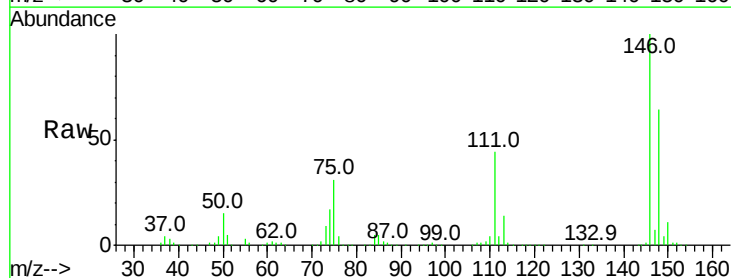


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

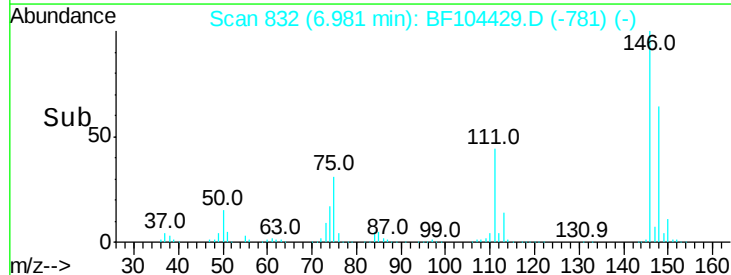
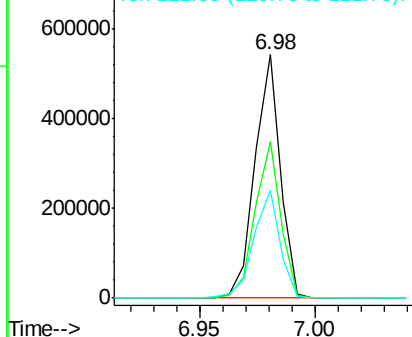


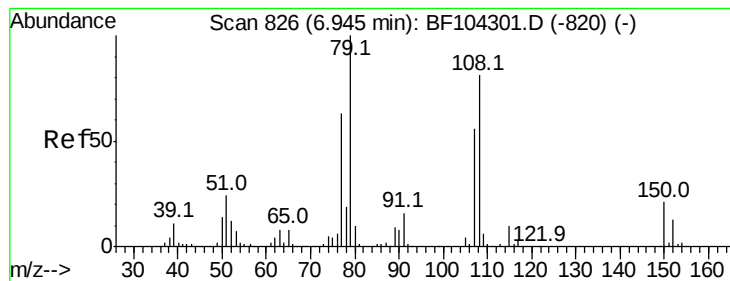
#14
 1,2-Dichlorobenzene
 Concen: 40.175 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion:146 Resp: 417779
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 44.5 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: 40.635 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

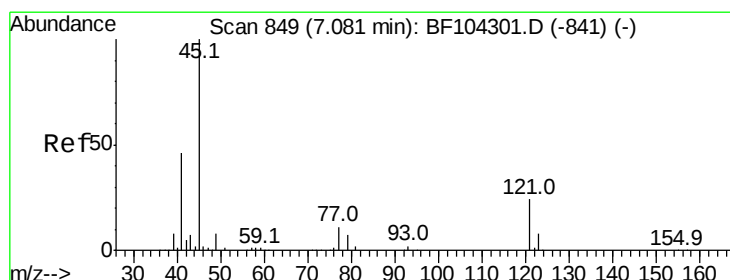
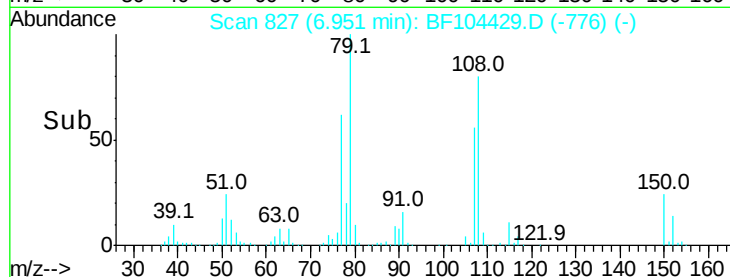
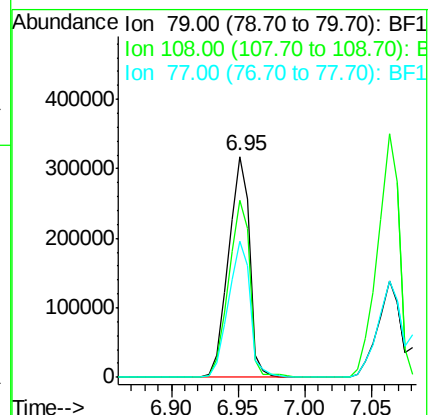
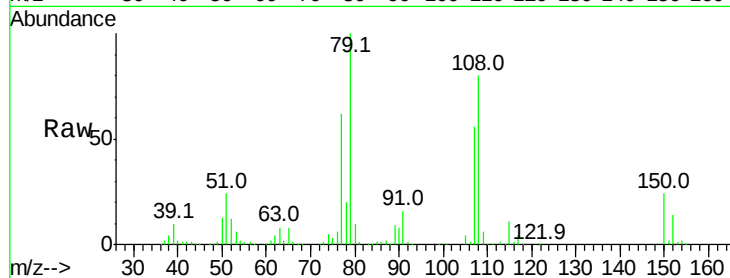
Tot Ion: 79 Resp: 357013

Ion Ratio Lower Upper

79 100

108 80.0 65.1 97.7

77 61.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.191 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

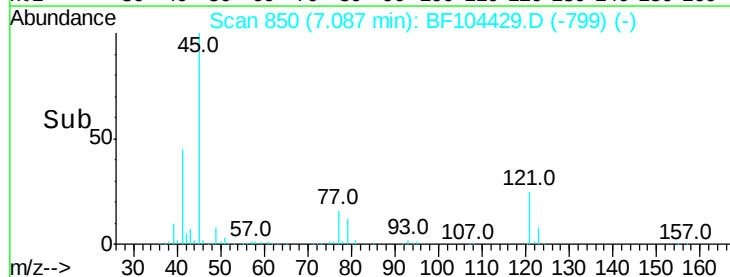
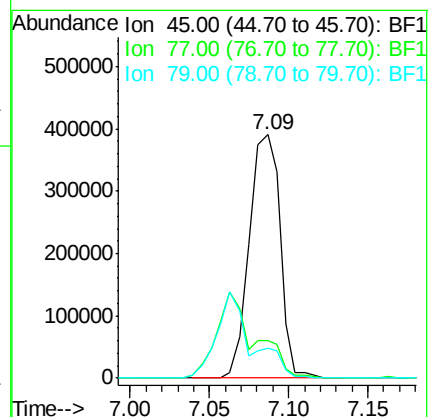
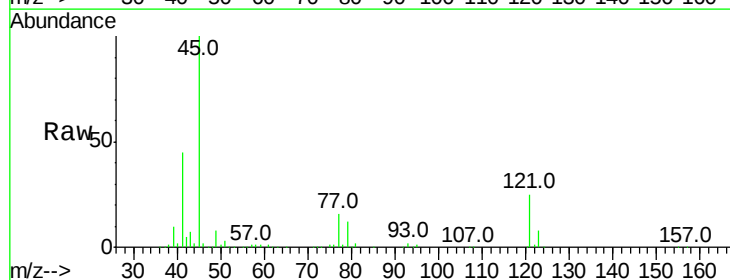
Tgt Ion: 45 Resp: 528649

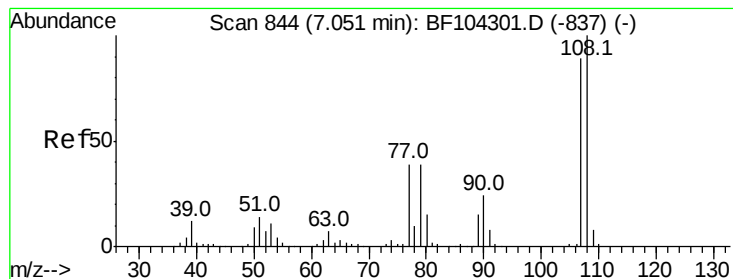
Ion Ratio Lower Upper

45 100

77 15.5 0.0 32.9

79 12.2 0.0 29.6

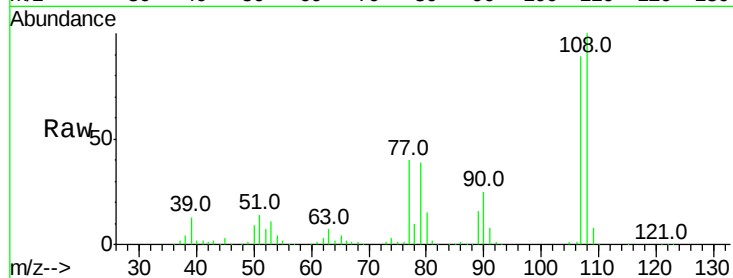




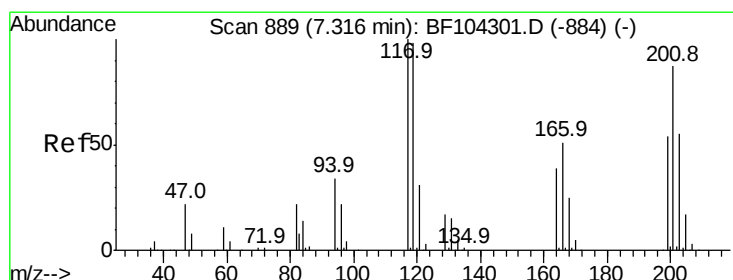
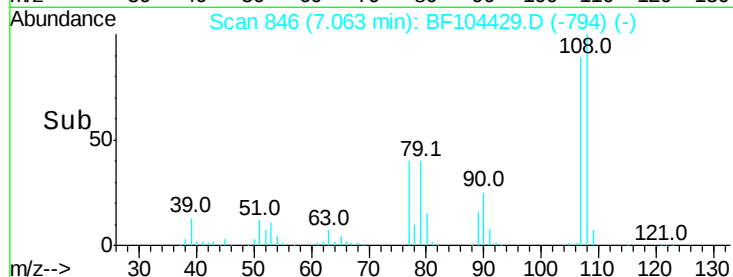
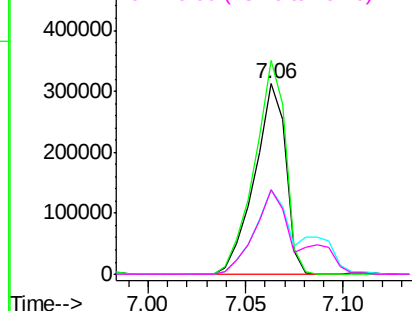
#17
2-Methylphenol
Concen: 40.153 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion:107 Resp: 346832
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 44.5 33.8 50.8
79 44.1 33.8 50.8

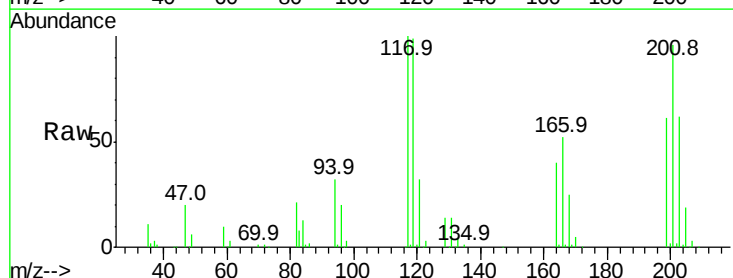


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

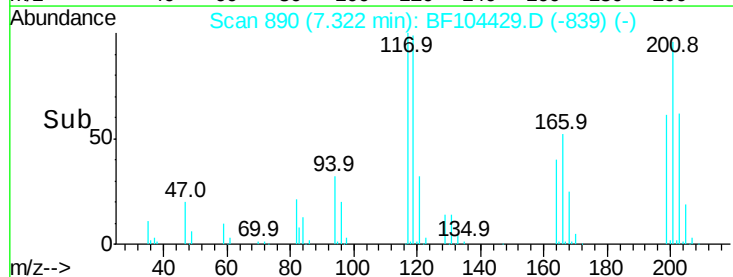
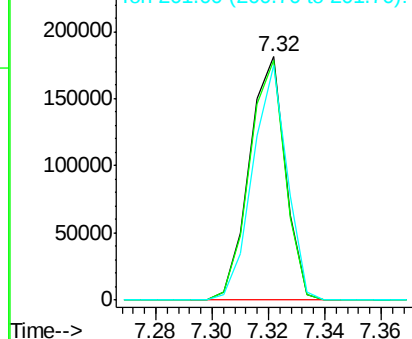


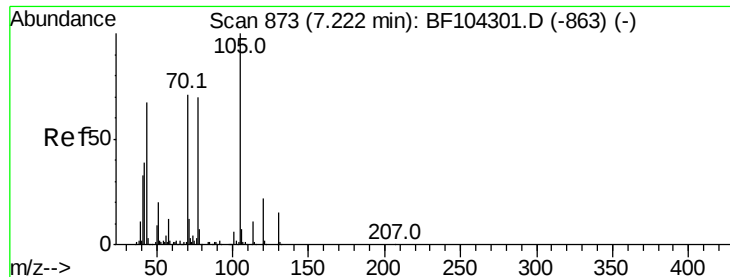
#18
Hexachloroethane
Concen: 40.044 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion:117 Resp: 160214
Ion Ratio Lower Upper
117 100
119 98.6 75.8 113.8
201 96.5 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: 37.428 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion: 70 Resp: 282914

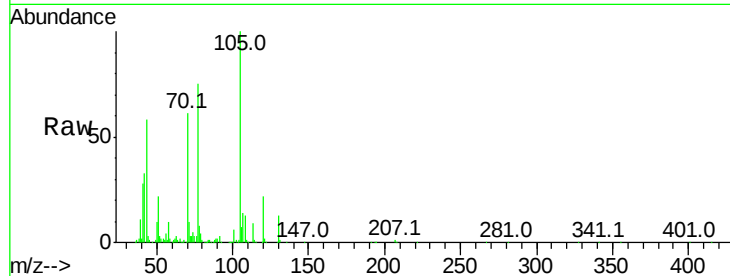
Ion Ratio Lower Upper

70 100

42 53.4 47.5 71.3

101 9.4 7.4 11.2

130 21.3 16.6 25.0

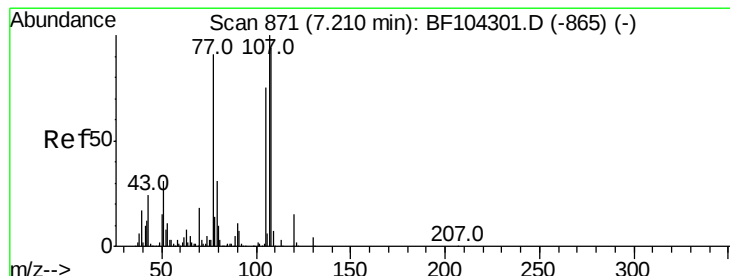
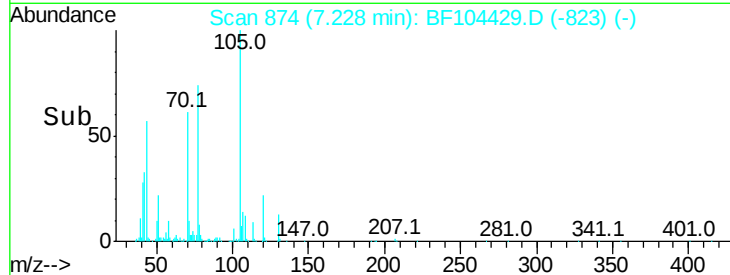
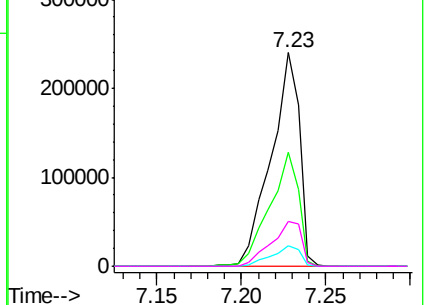


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.724 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion: 107 Resp: 404125

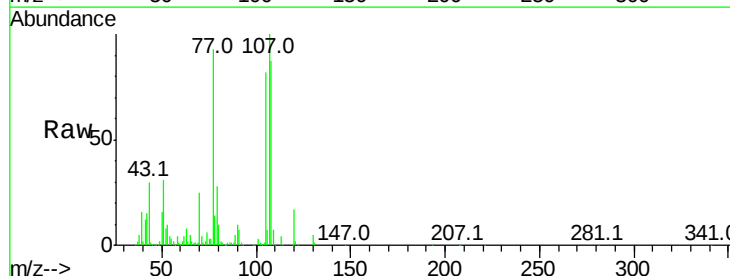
Ion Ratio Lower Upper

107 100

108 87.3 68.2 108.2

77 93.1 26.7 66.7#

79 27.8 6.3 46.3

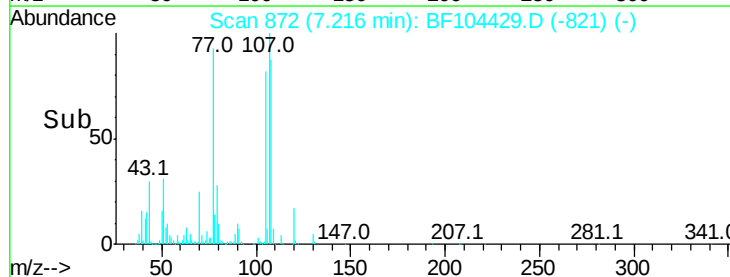
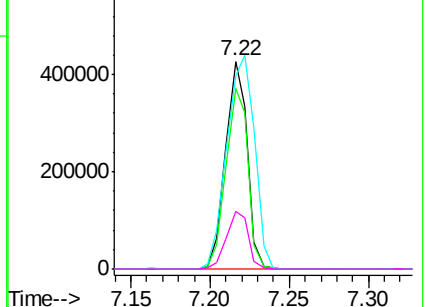


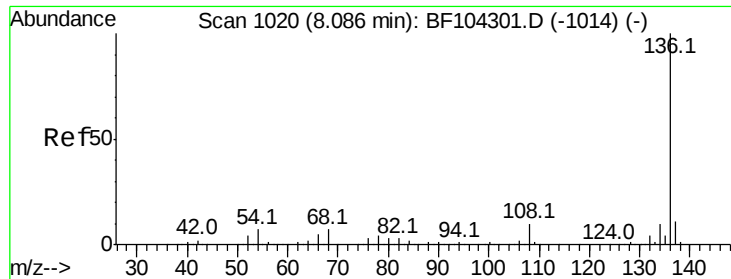
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

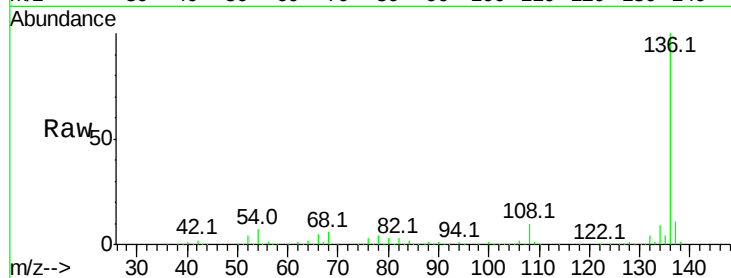




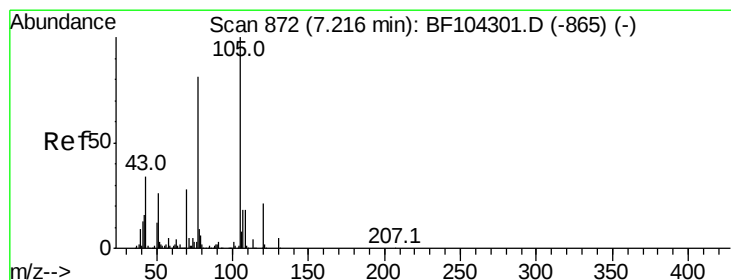
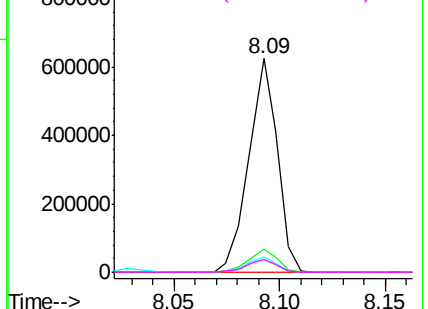
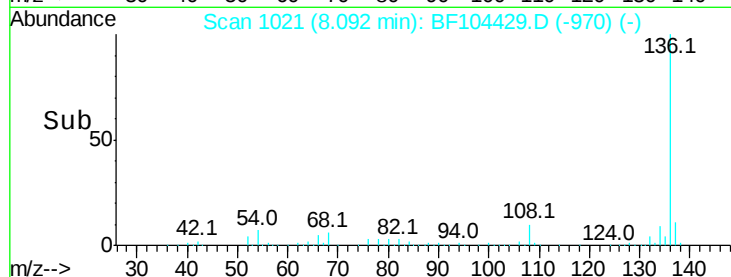
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion:136	Resp:	585560	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.9	13.3	
54 7.2	6.6	9.8	
68 6.0	5.0	7.4	

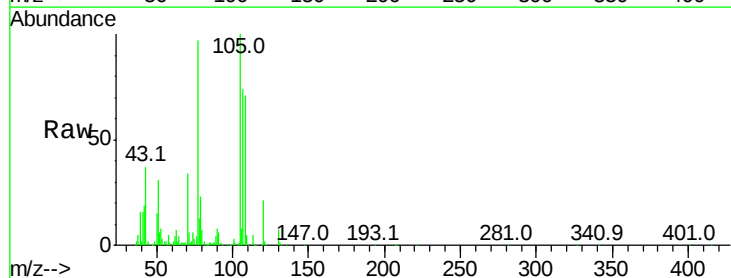


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

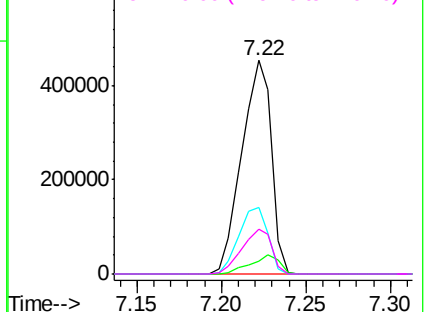
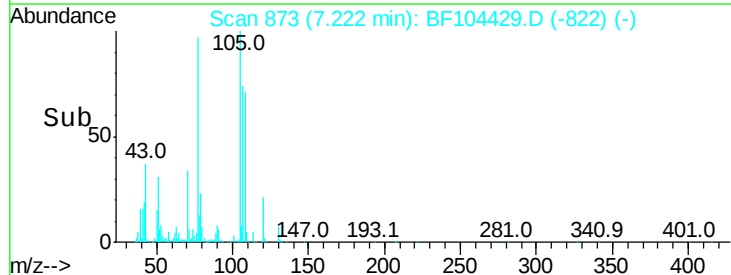


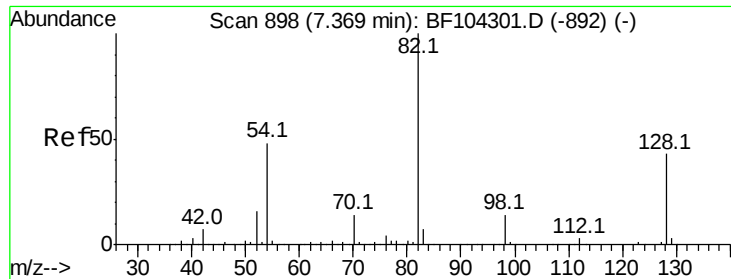
#22
Acetophenone
Concen: 38.515 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt	Ion:105	Resp:	555245
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.4	6.6
51	31.4	22.3	33.5
120	20.8	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

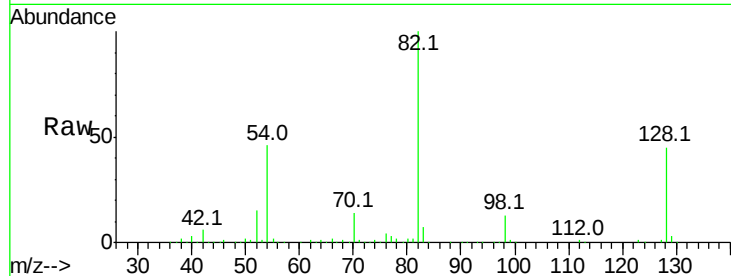




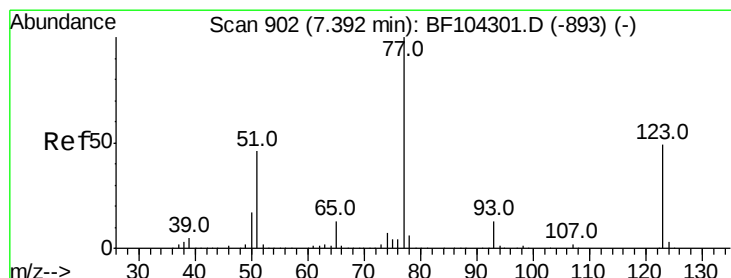
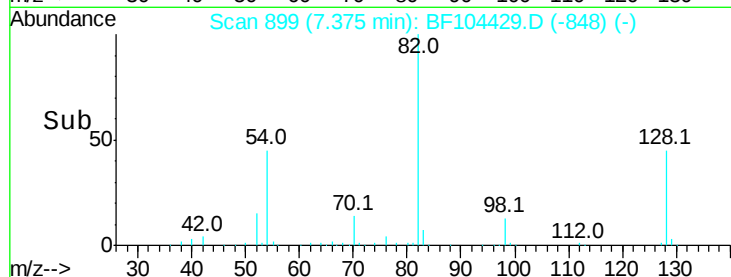
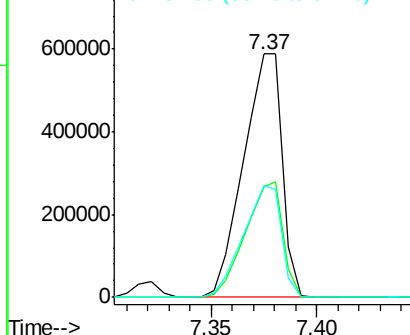
#23
Nitrobenzene-d5
Concen: 83.508 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion: 82 Resp: 748856
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 45.7 41.4 62.2

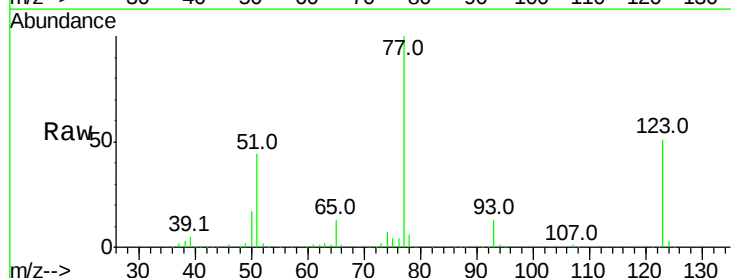


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

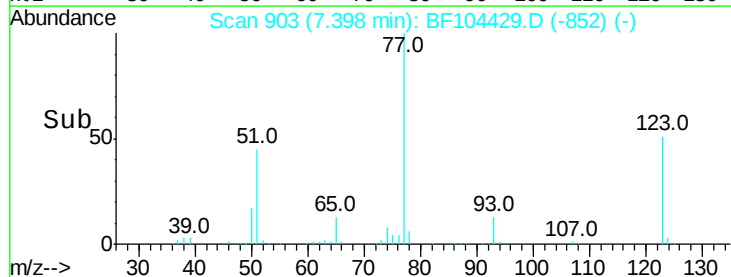
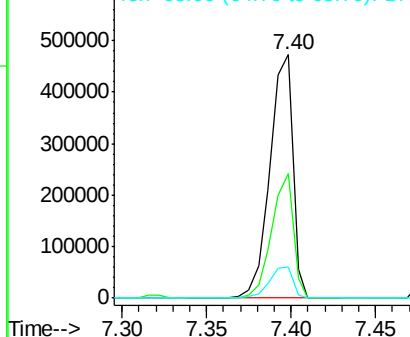


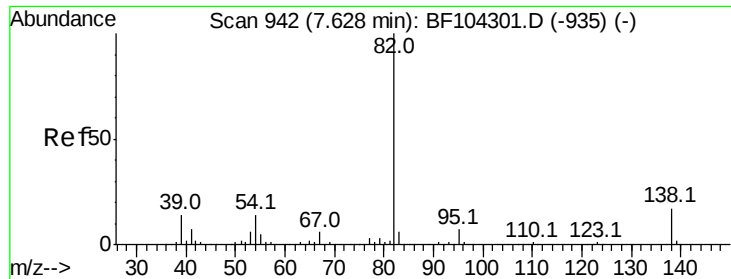
#24
Nitrobenzene
Concen: 44.826 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion: 77 Resp: 443812
Ion Ratio Lower Upper
77 100
123 51.1 37.9 56.9
65 12.9 11.0 16.4



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





#25

Isophorone

Concen: 38.295 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

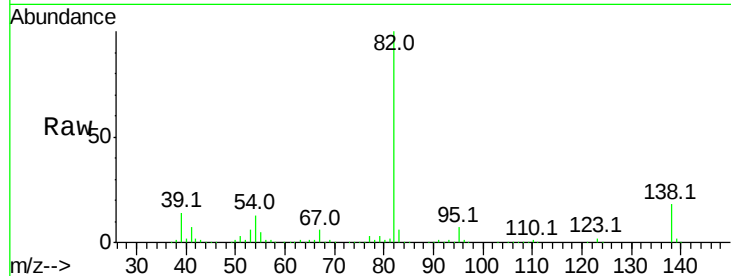
Tot Ion: 82 Resp: 726192

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

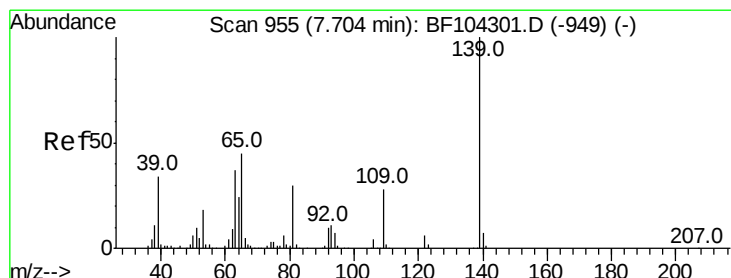
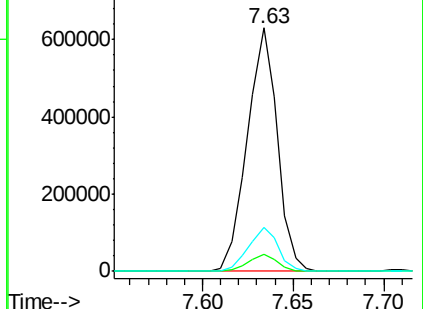
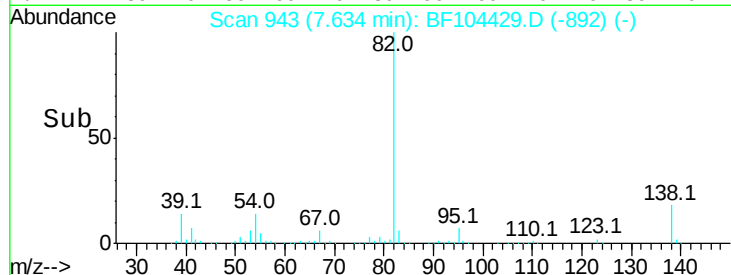
138 18.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.525 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

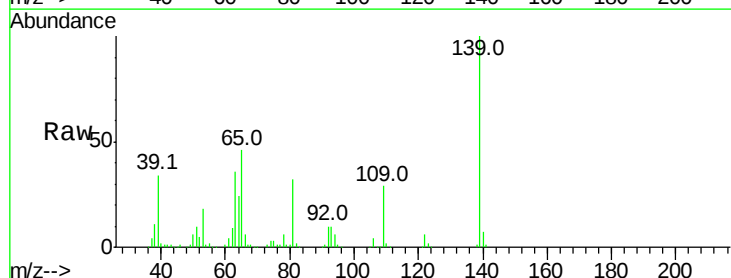
Tgt Ion: 139 Resp: 235893

Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

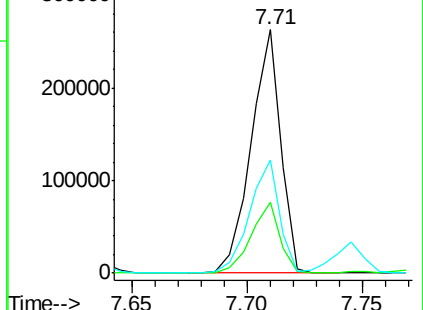
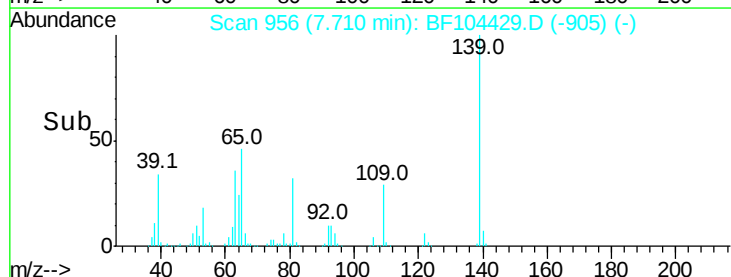
65 46.2 40.5 60.7

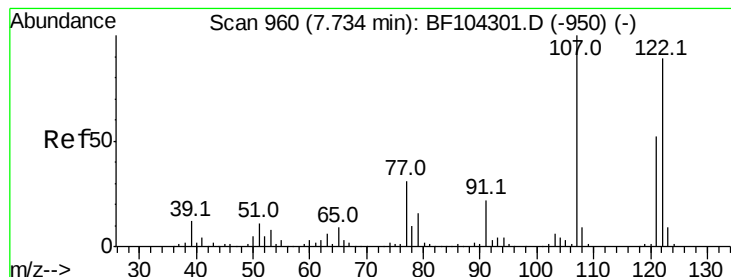


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.821 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

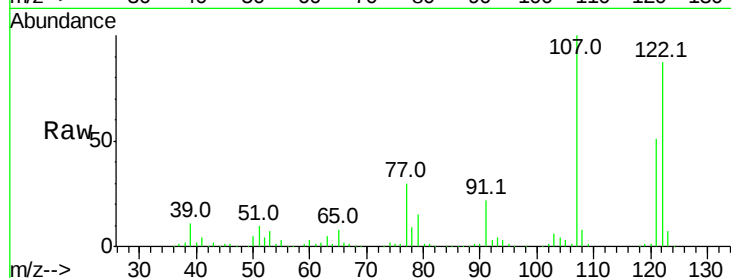
Tot Ion:122 Resp: 324892

Ion Ratio Lower Upper

122 100

107 115.1 91.2 136.8

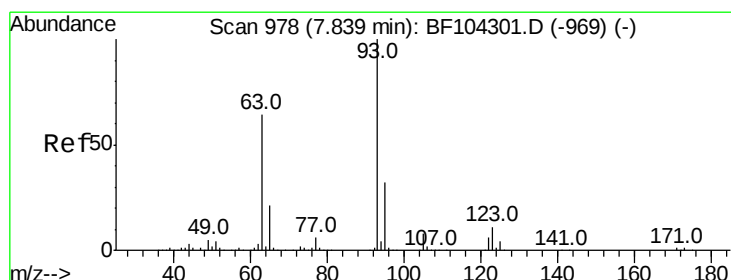
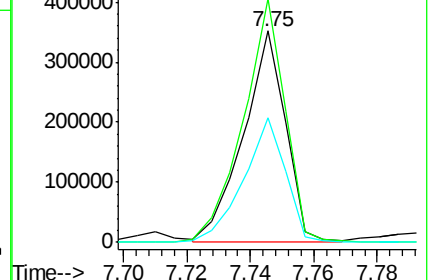
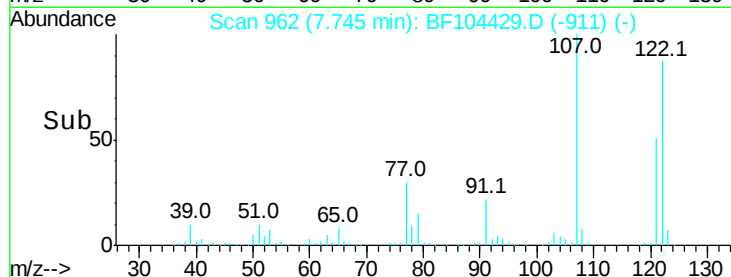
121 59.0 47.2 70.8



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: 42.280 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

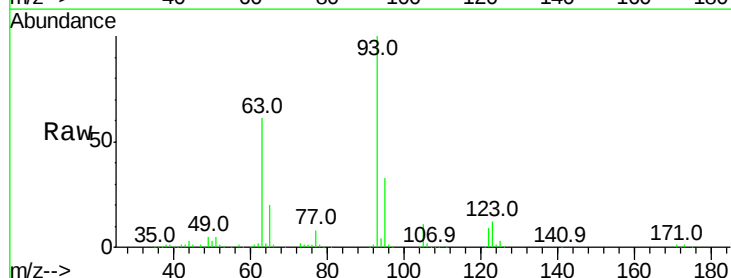
Tgt Ion: 93 Resp: 490208

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

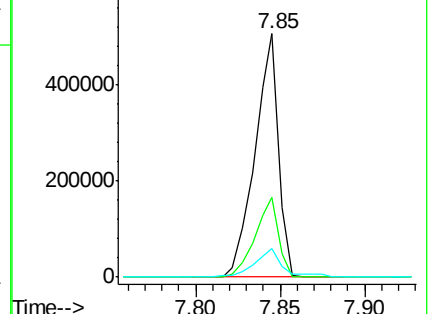
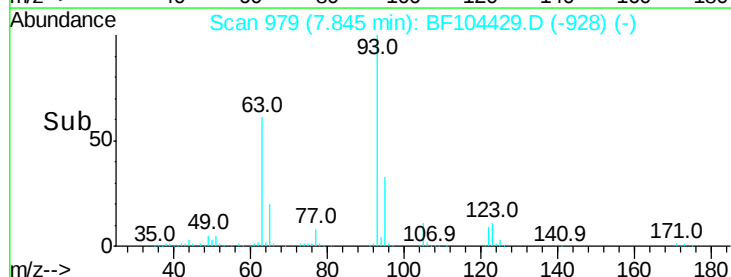
123 11.6 9.8 14.6

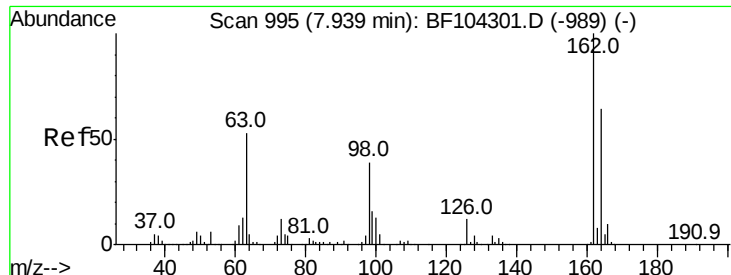


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

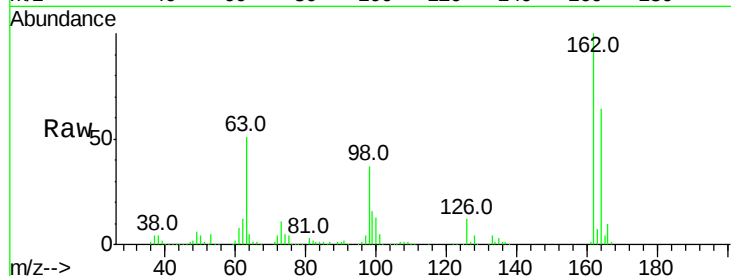




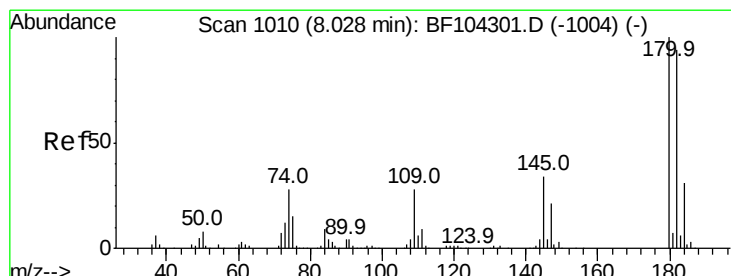
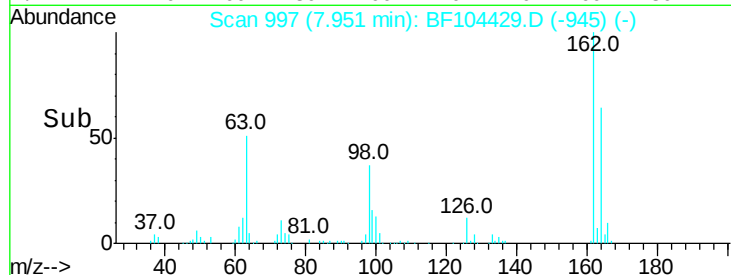
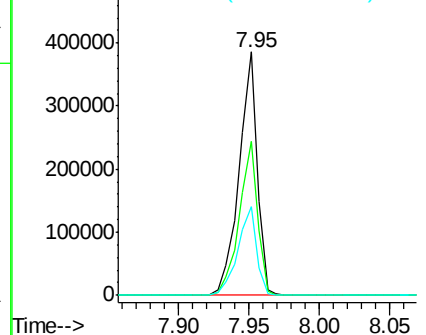
#29
 2,4-Dichlorophenol
 Concen: 43.442 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	36.7	18.1	58.1

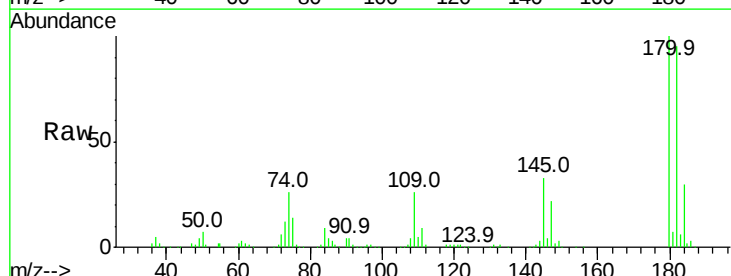


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

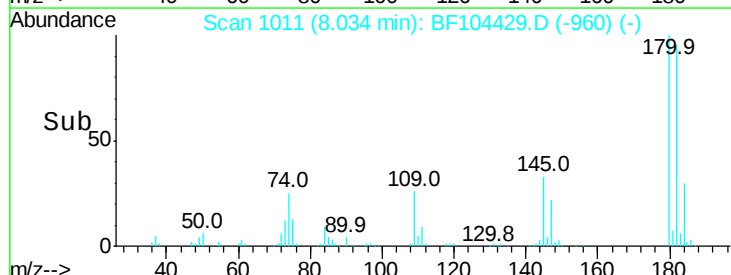
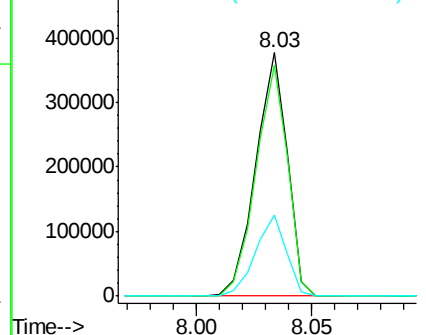


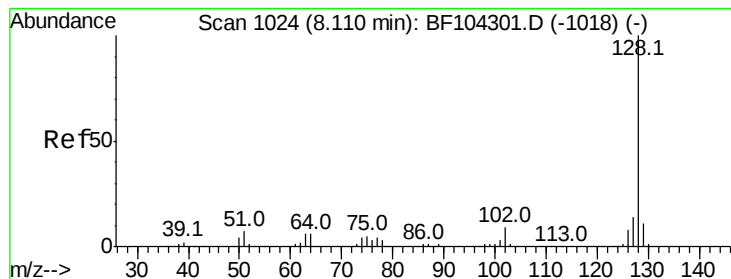
#30
 1,2,4-Trichlorobenzene
 Concen: 41.039 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	33.2	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: 38.650 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

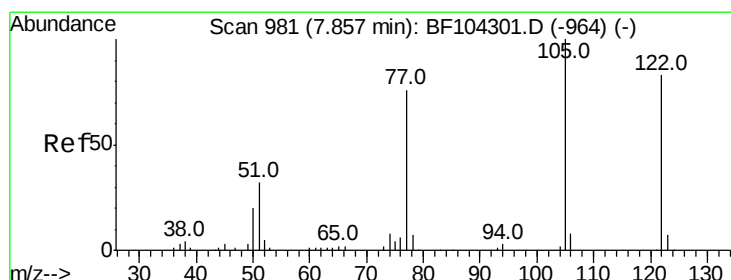
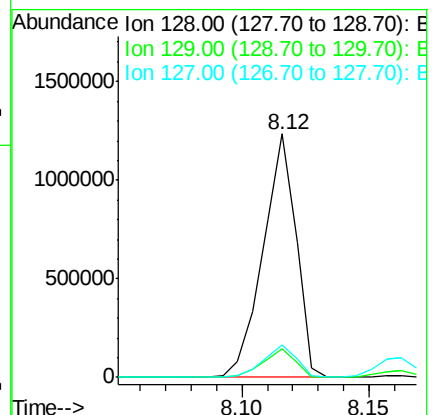
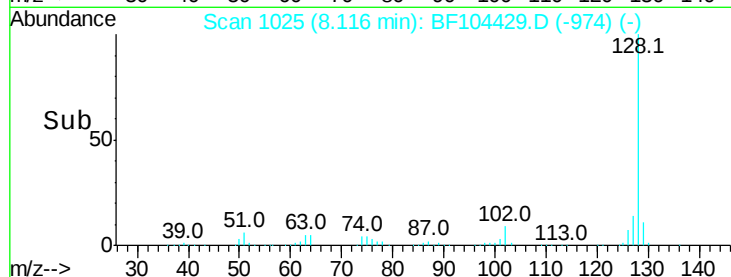
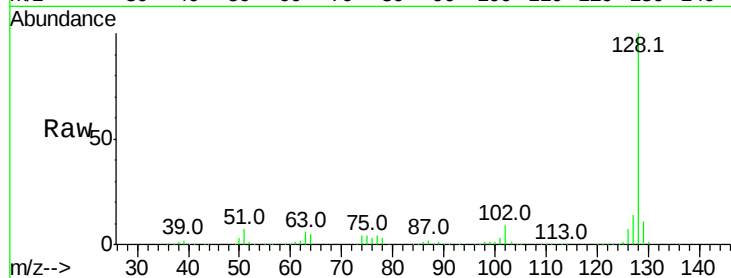
Tot Ion:128 Resp: 1126946

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.5 10.9 16.3



#32

Benzoic acid

Concen: 34.378 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

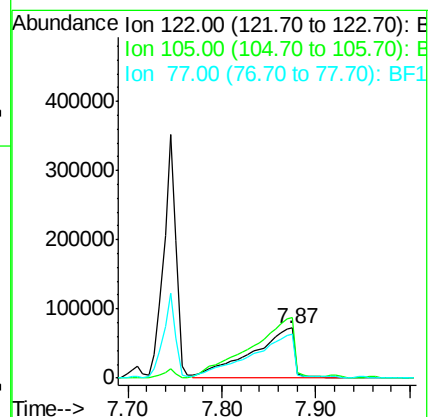
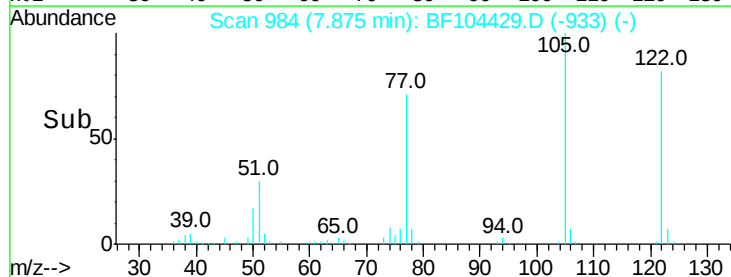
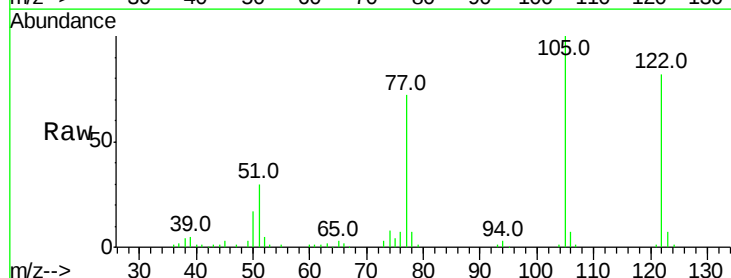
Tgt Ion:122 Resp: 229562

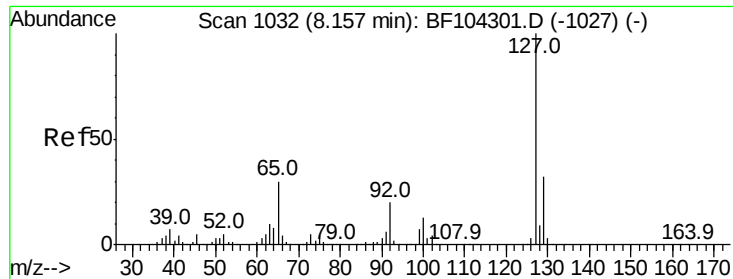
Ion Ratio Lower Upper

122 100

105 121.6 101.1 141.1

77 87.2 70.7 110.7

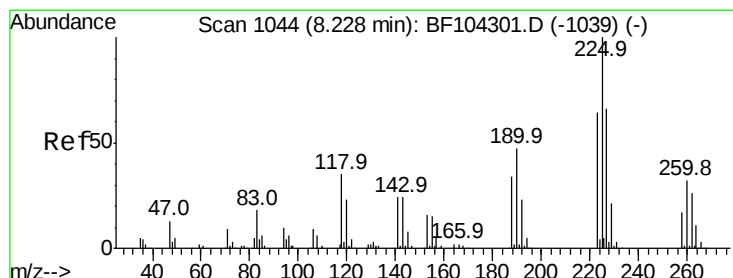
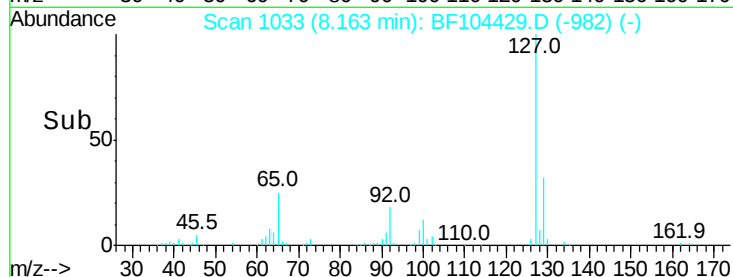
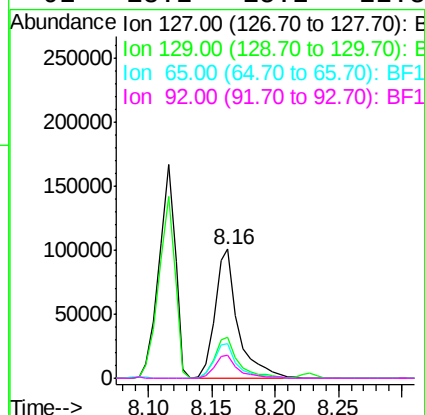
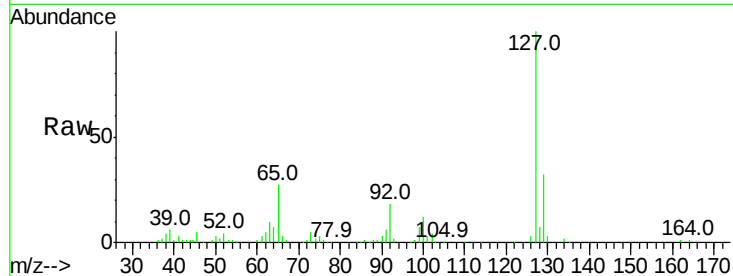




#33
4-Chloroaniline
Concen: 10.279 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

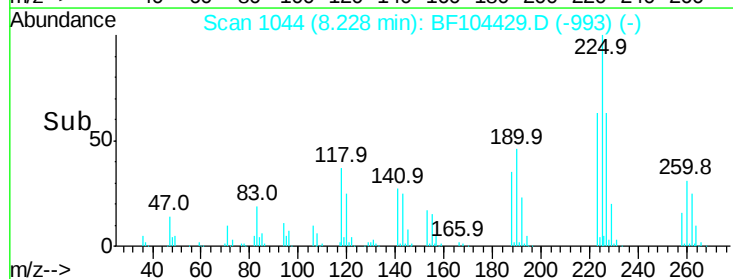
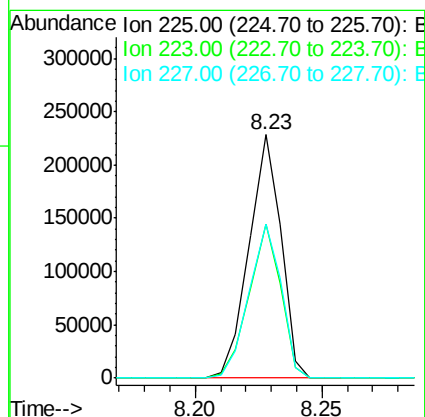
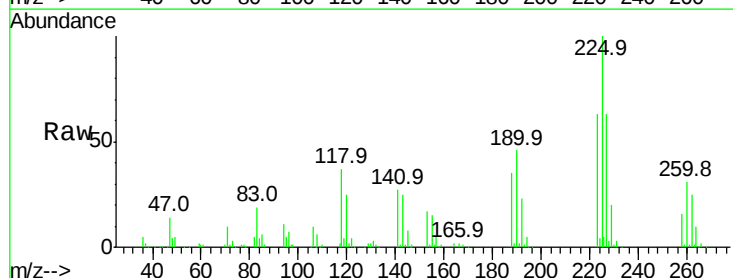
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

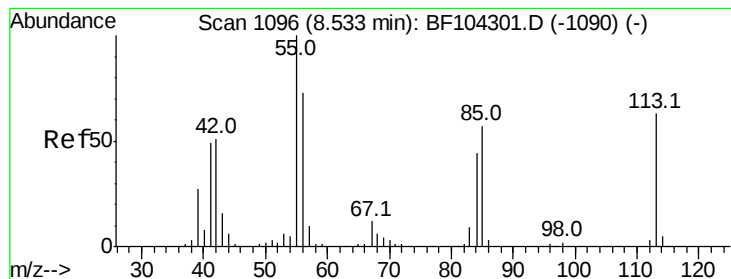
Tot Ion:	127	Resp:	128402
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	27.2	25.0	37.4
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.985 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion:	225	Resp:	201533
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.0	51.9	77.9





#35

Caprolactam

Concen: 26.567 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

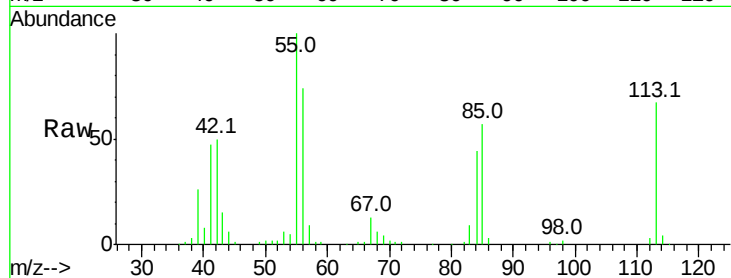
Tot Ion:113 Resp: 74006

Ion Ratio Lower Upper

113 100

55 150.2 163.3 203.3#

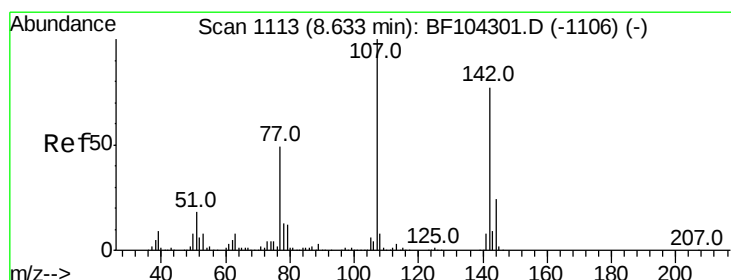
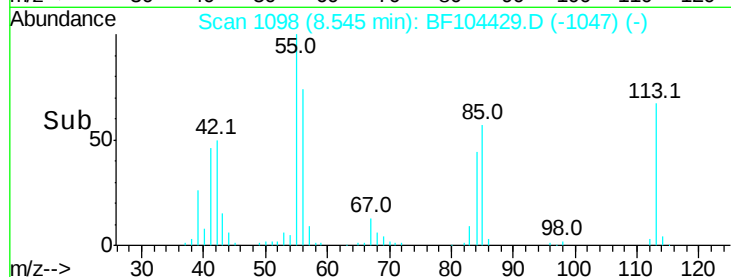
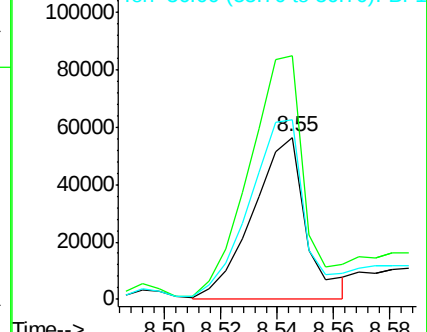
56 111.0 115.7 155.7#



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: 43.614 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

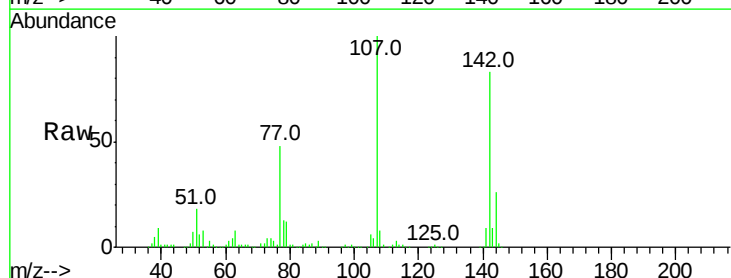
Tgt Ion:107 Resp: 373436

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

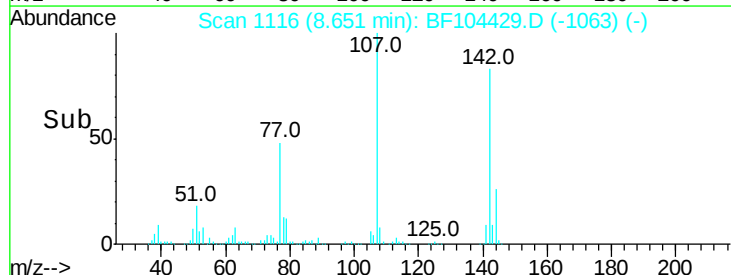
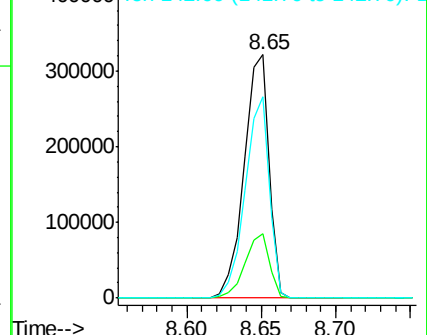
142 82.9 62.0 93.0

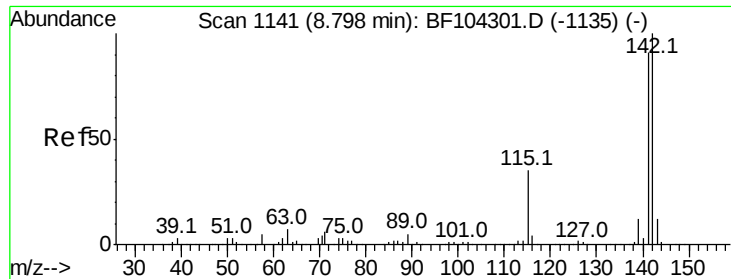


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

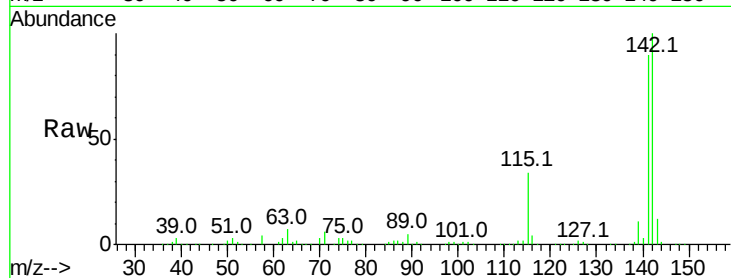




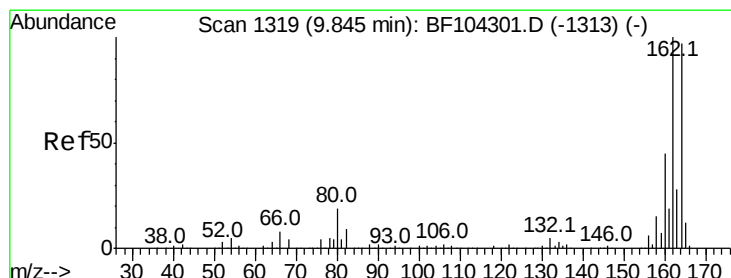
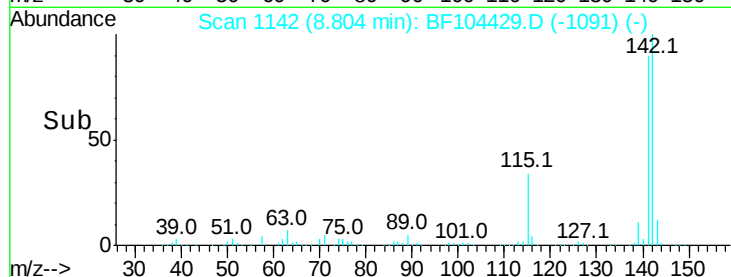
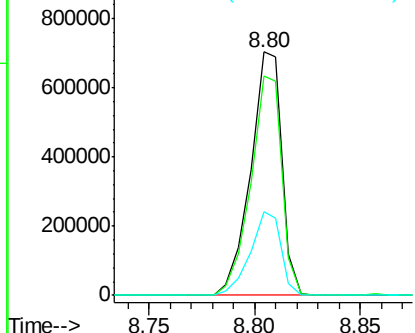
#37
2-Methylnaphthalene
Concen: 38.492 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	34.4	26.1	39.1

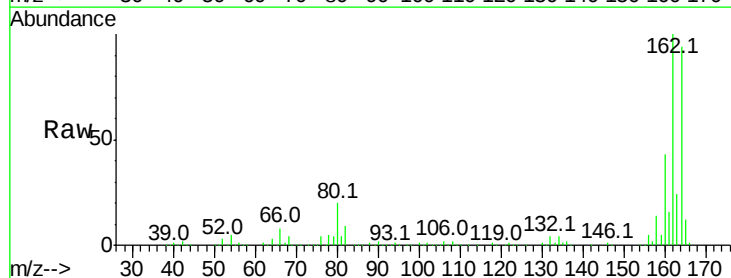


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

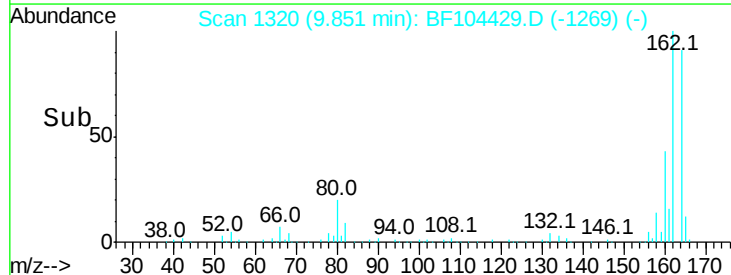
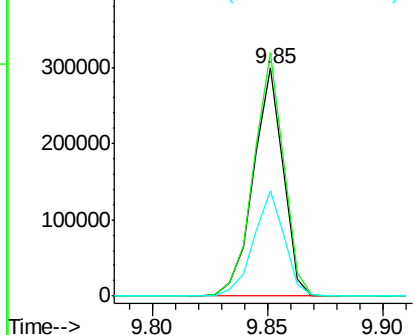


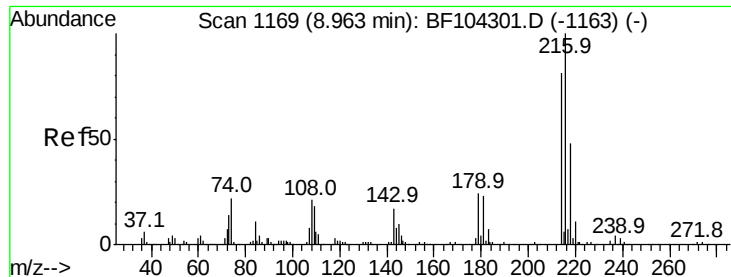
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.3	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: 40.882 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:216 Resp: 316390

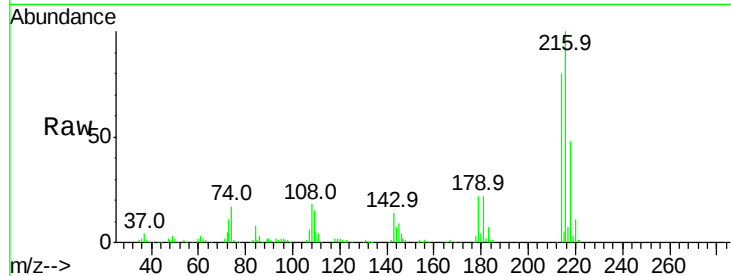
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 22.8 18.1 27.1

108 23.0 17.2 25.8

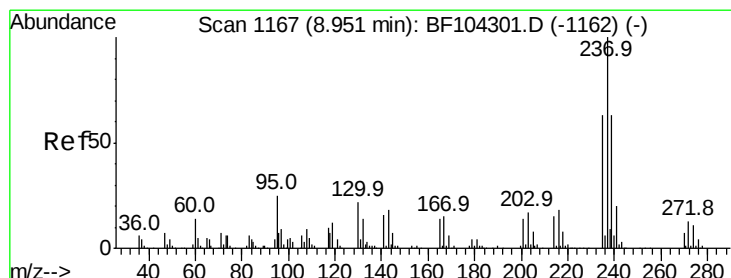
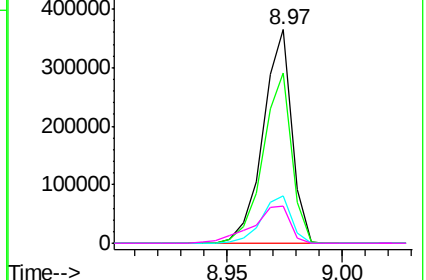
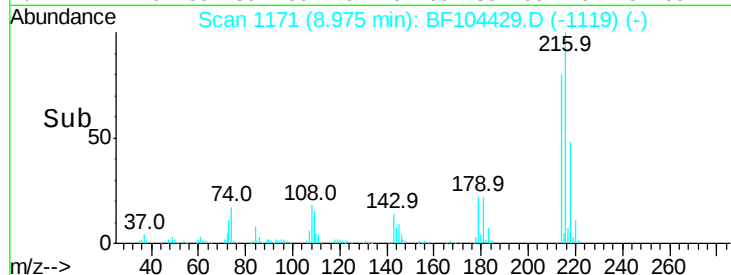


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.146 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

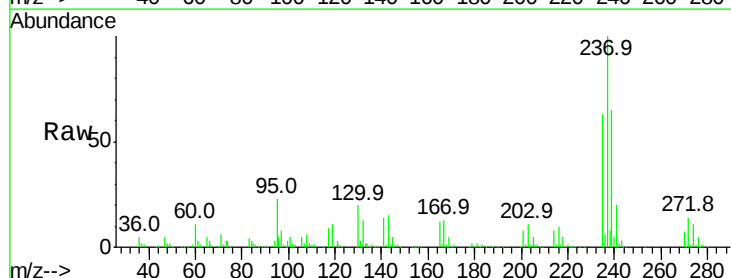
Tgt Ion:237 Resp: 355905

Ion Ratio Lower Upper

237 100

235 63.1 44.8 84.8

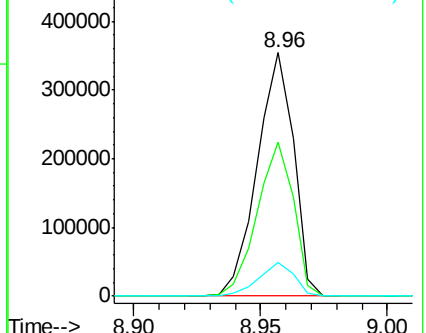
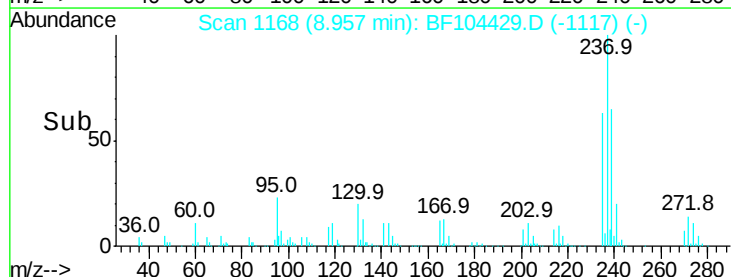
272 13.7 0.0 33.3

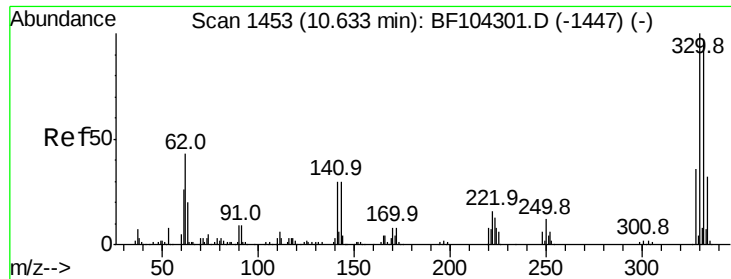


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

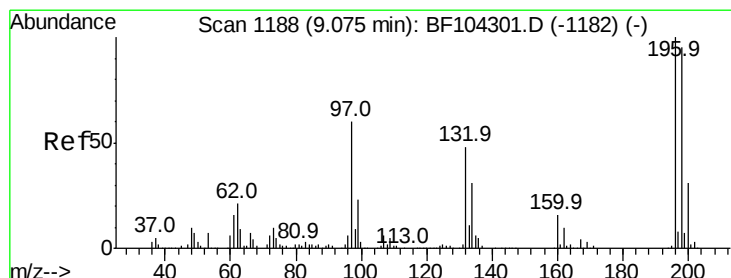
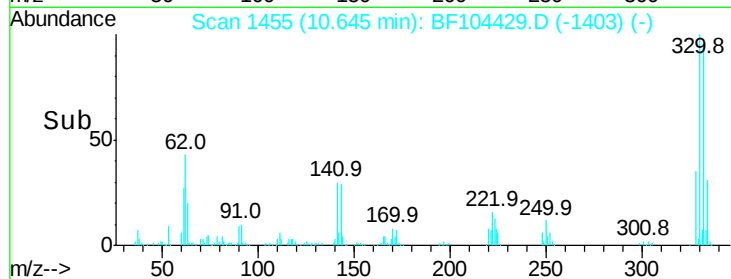
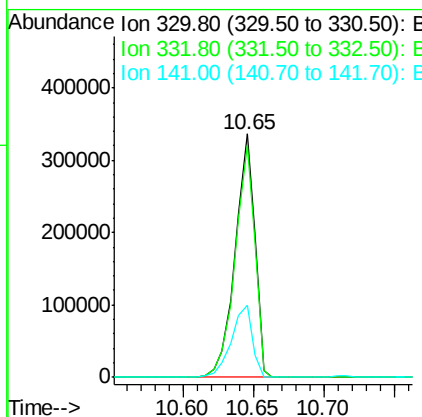
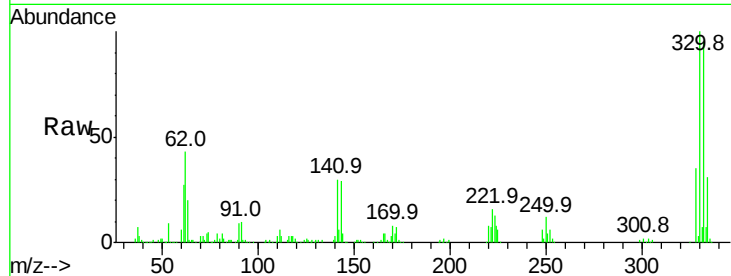




#41
 2,4,6-Tribromophenol
 Concen: 116.744 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

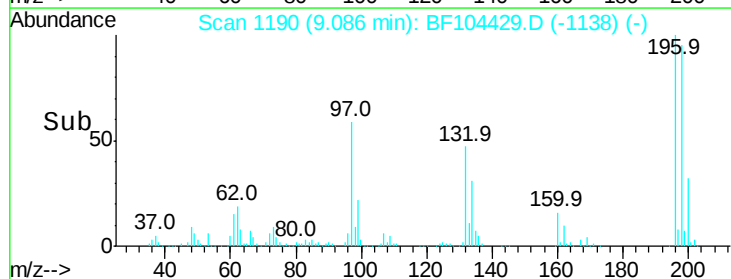
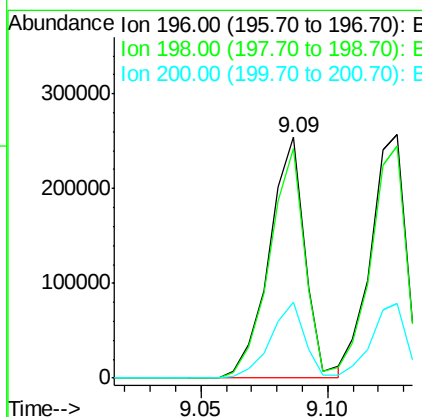
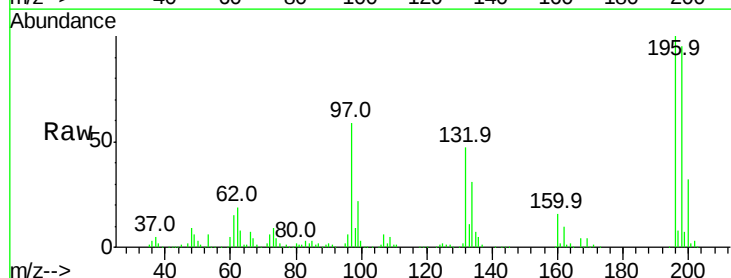
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MS

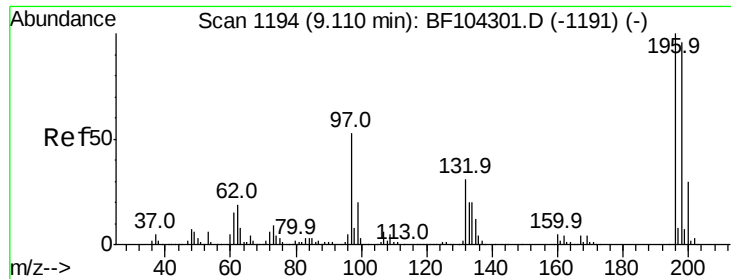
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.510 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
200	31.6	24.5	36.7

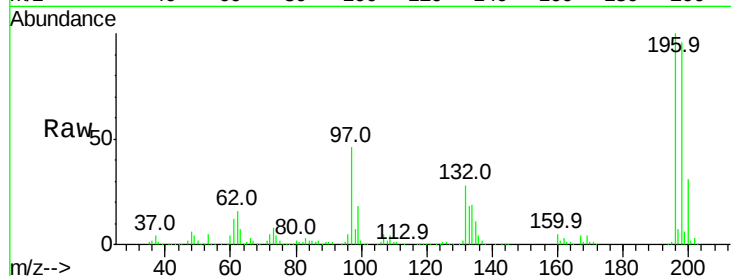




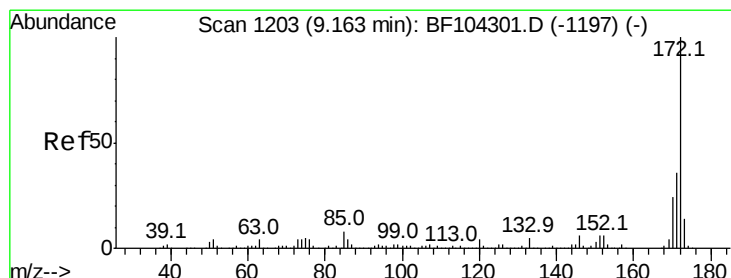
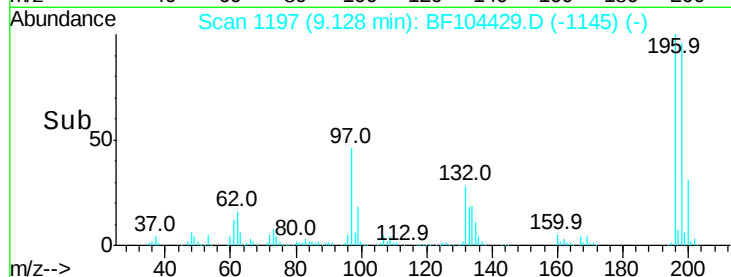
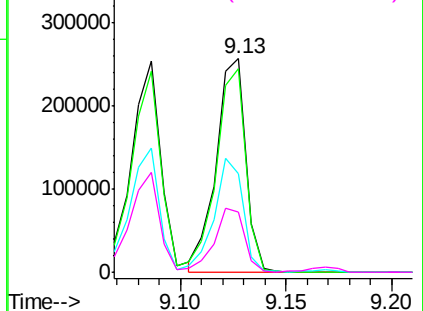
#43
 2,4,5-Trichlorophenol
 Concen: 41.600 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion:	196	Resp:	250093
Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	45.9	42.9	64.3
132	28.2	26.3	39.5

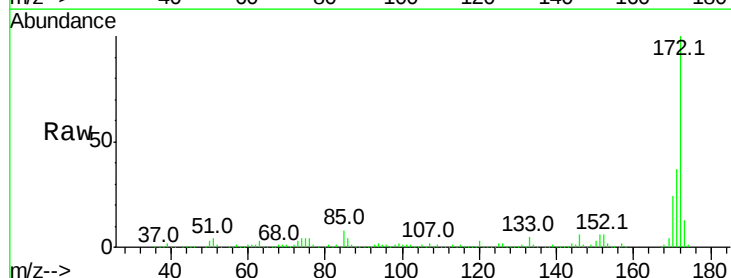


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

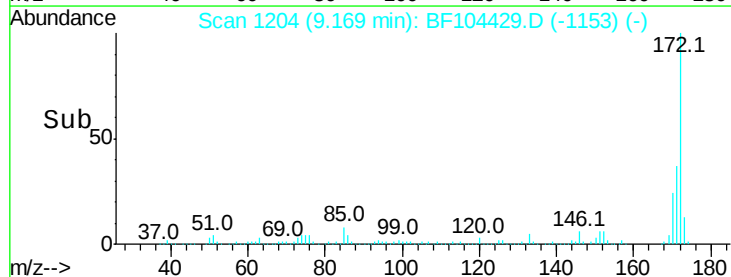
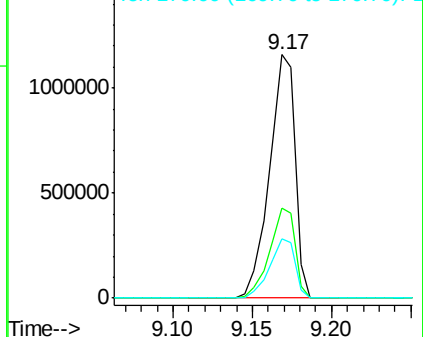


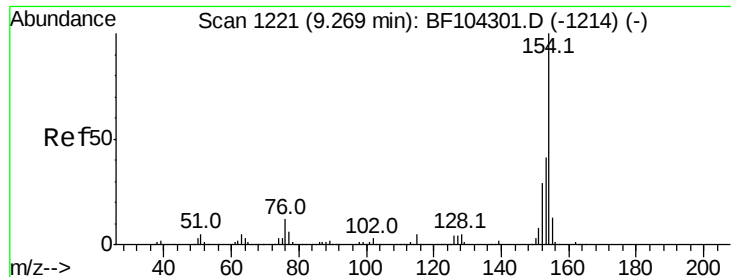
#44
 2-Fluorobiphenyl
 Concen: 76.218 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion:	172	Resp:	1304361
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.1	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 40.459 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

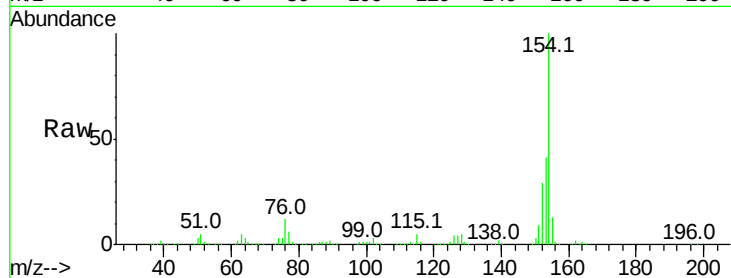
Tot Ion:154 Resp: 918879

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

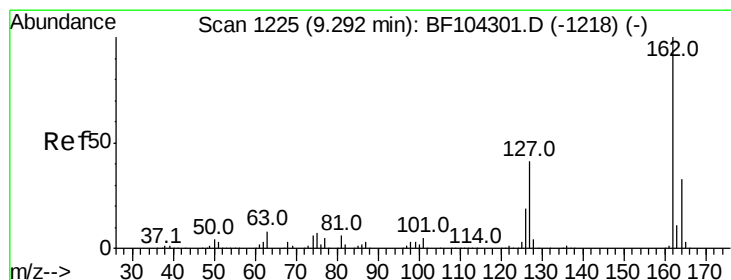
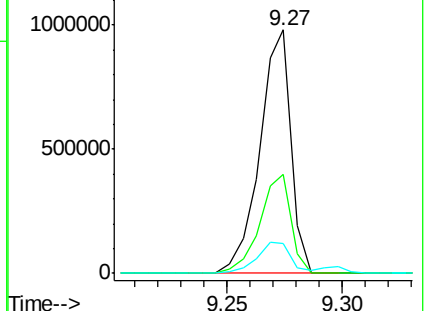
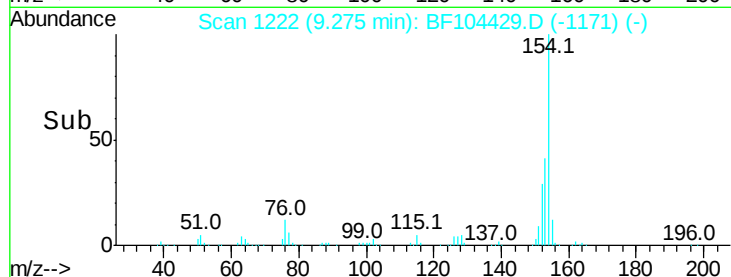
76 12.3 0.0 34.0



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: 41.496 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

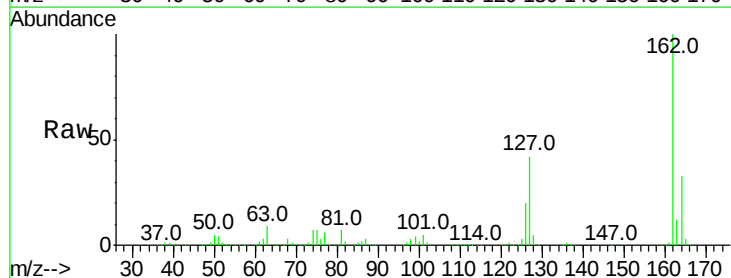
Tgt Ion:162 Resp: 744399

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

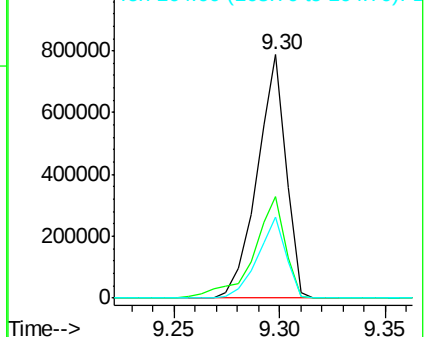
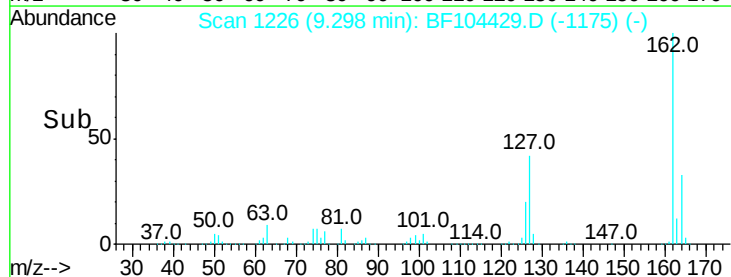
164 33.1 26.5 39.7

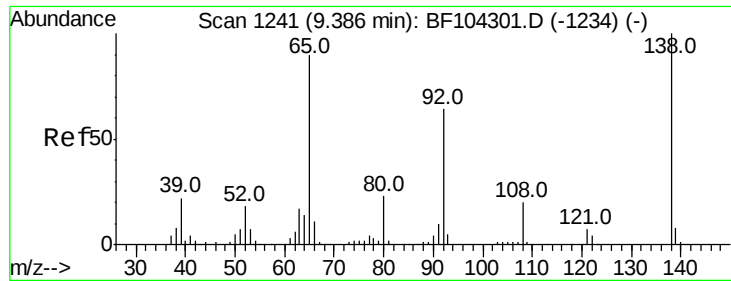


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

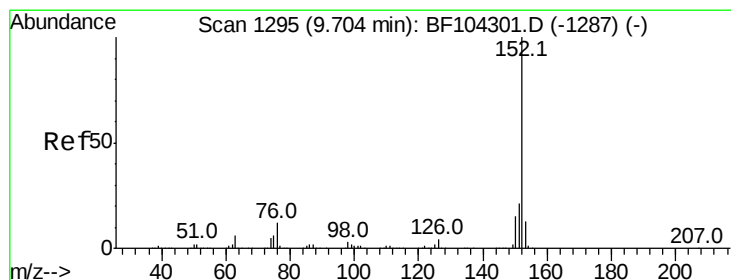
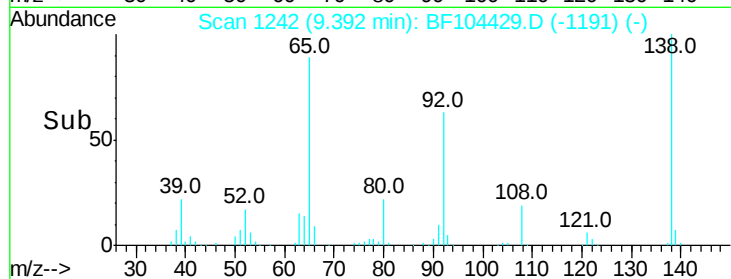
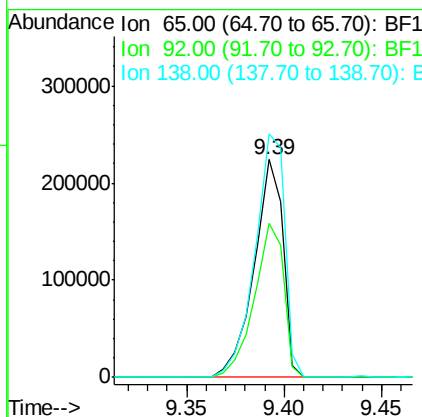
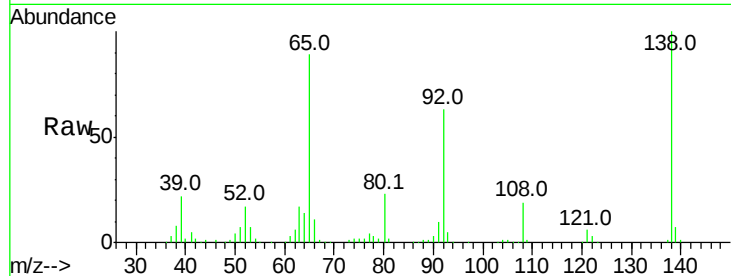




#47
2-Nitroaniline
Concen: 51.722 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

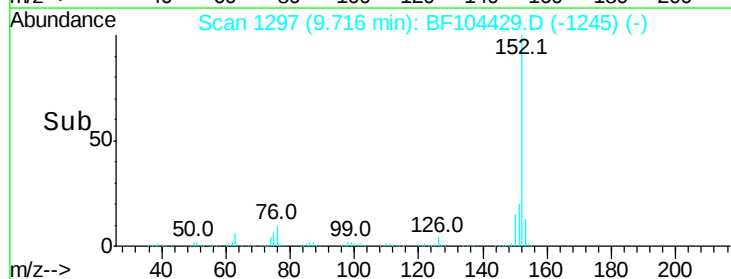
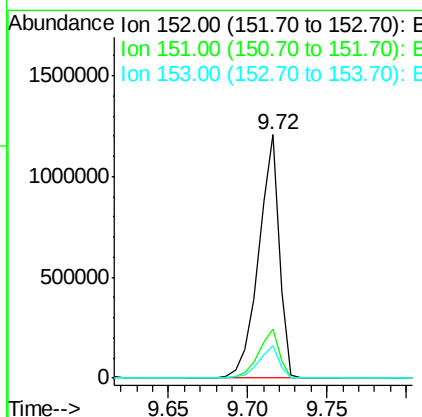
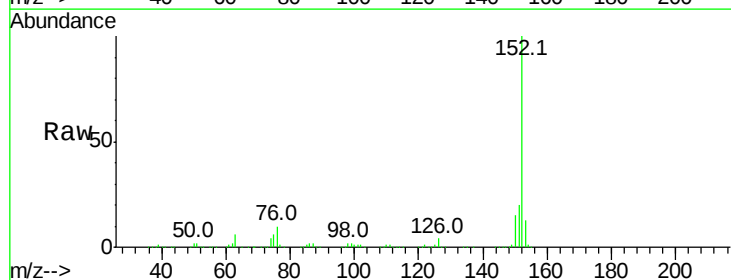
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

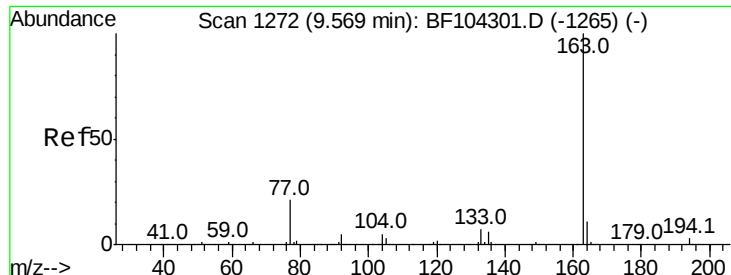
Tot Ion: 65 Resp: 229457
Ion Ratio Lower Upper
65 100
92 70.9 55.8 83.6
138 111.9 91.2 136.8



#48
Acenaphthylene
Concen: 39.002 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion:152 Resp: 1097758
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.3 10.7 16.1

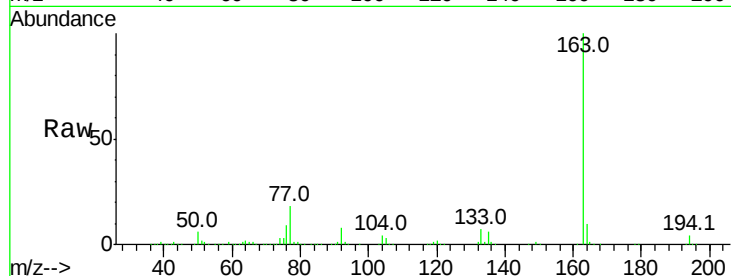




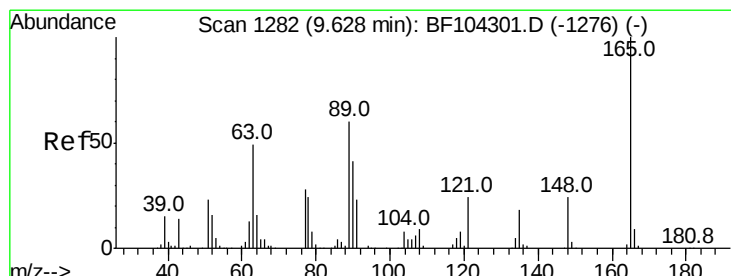
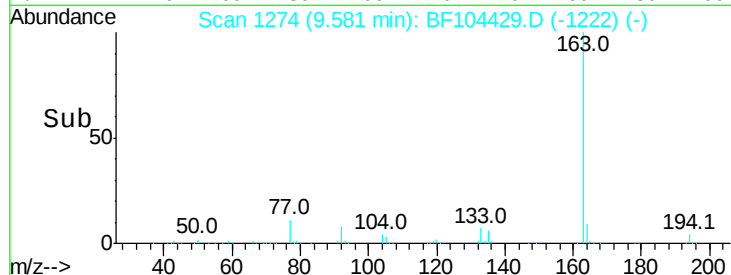
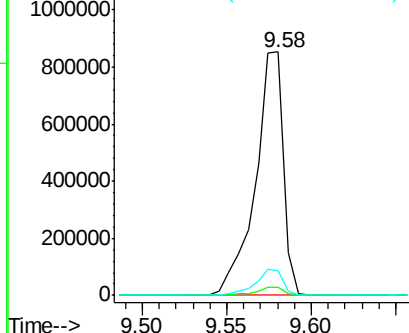
#49
Dimethylphthalate
Concen: 46.262 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2

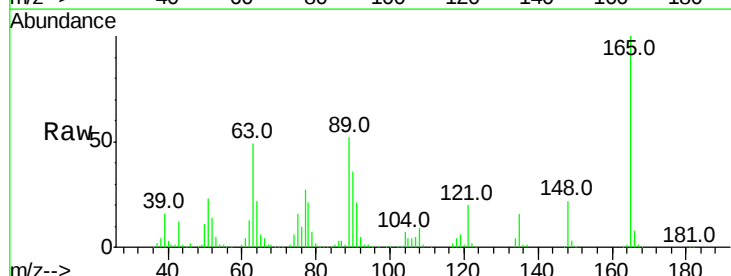


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

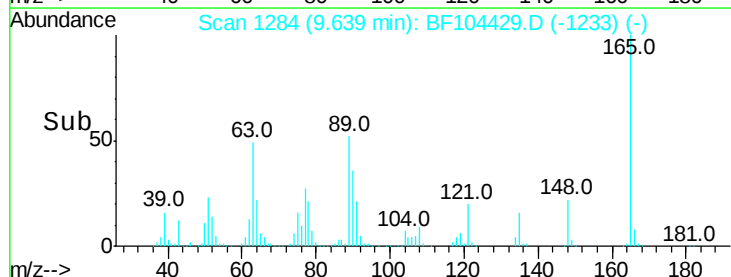
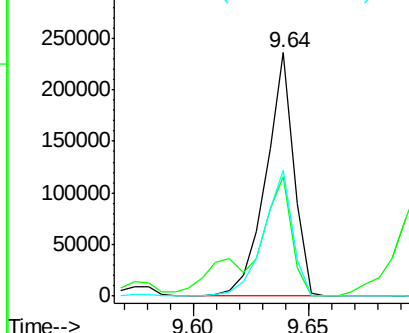


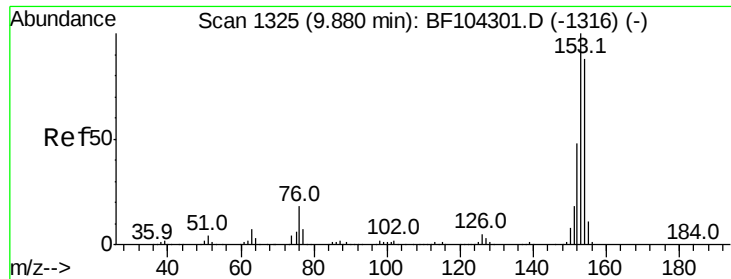
#50
2,6-Dinitrotoluene
Concen: 50.149 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.3	44.7	67.1
89	51.6	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: 37.916 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

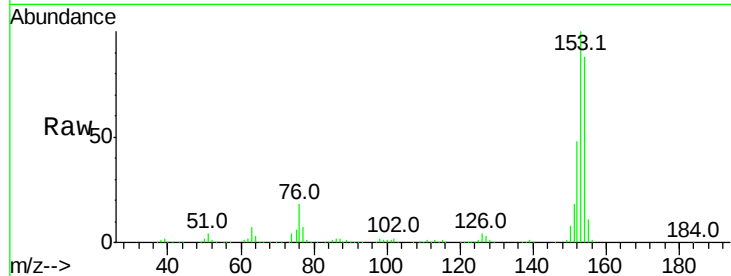
Tot Ion:154 Resp: 651119

Ion Ratio Lower Upper

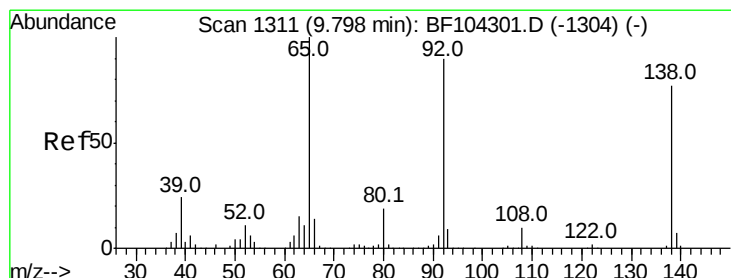
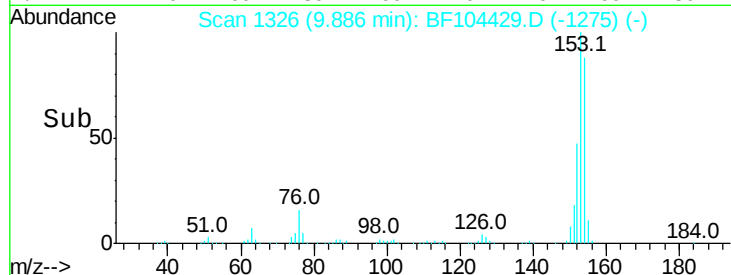
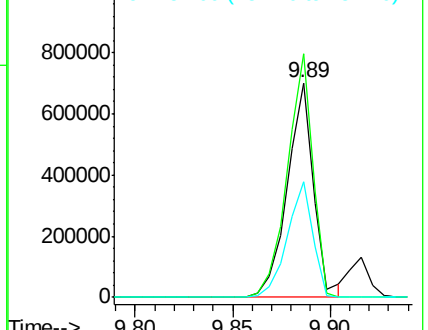
154 100

153 113.3 91.2 136.8

152 53.9 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: 18.275 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

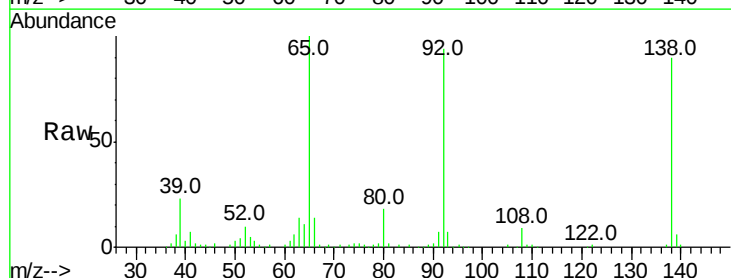
Tgt Ion:138 Resp: 84400

Ion Ratio Lower Upper

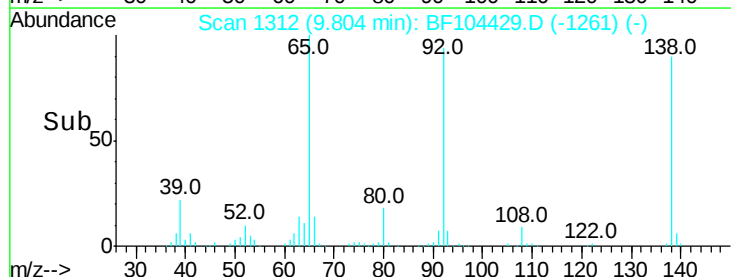
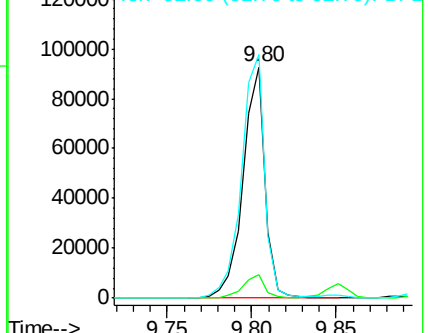
138 100

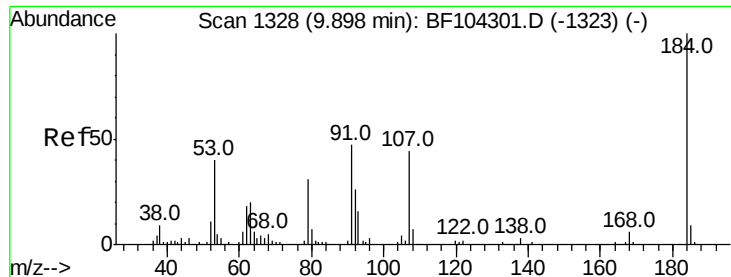
108 10.2 9.4 14.0

92 105.3 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

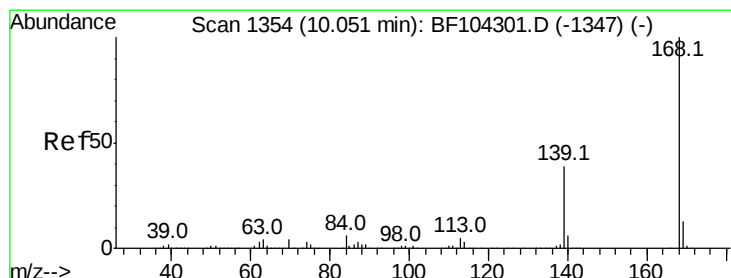
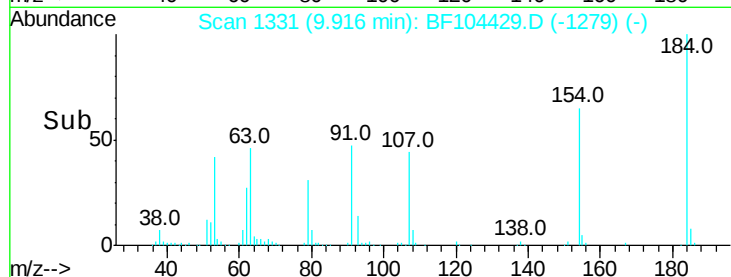
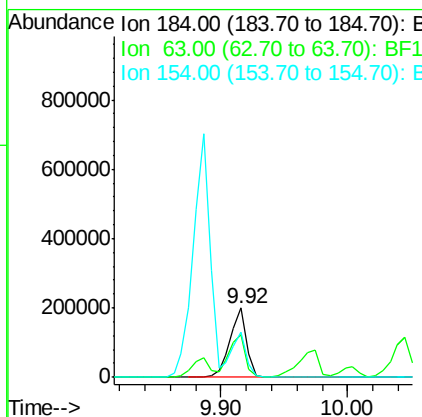
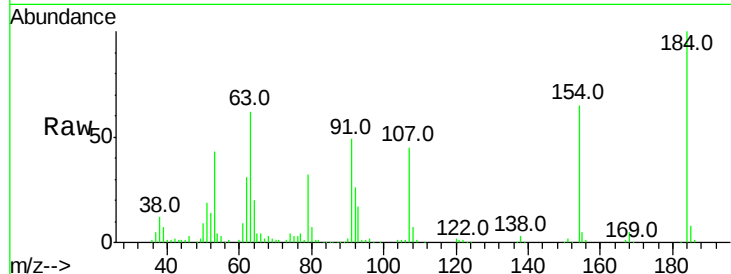




#53
 2,4-Dinitrophenol
 Concen: 99.495 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

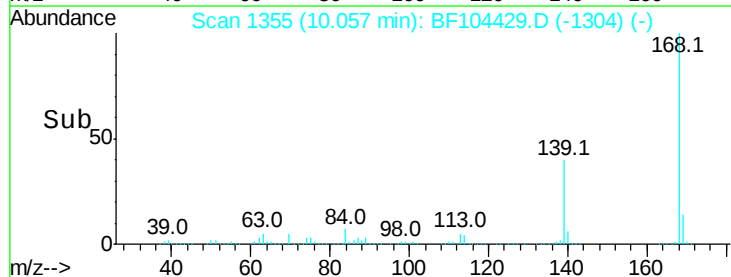
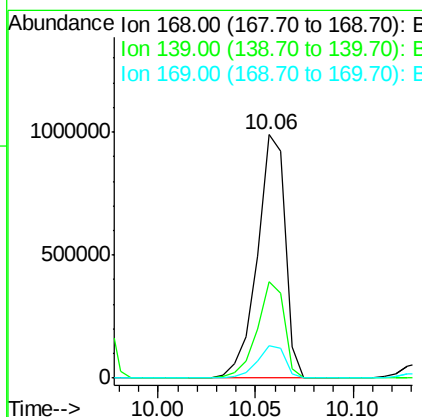
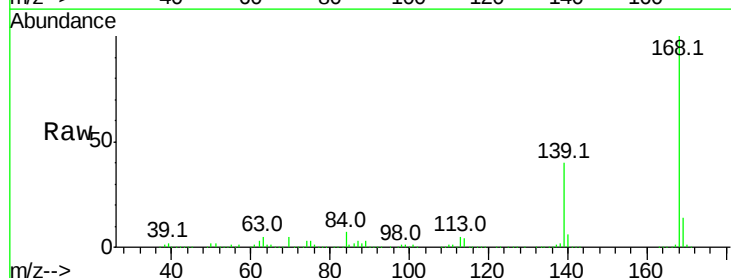
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MS

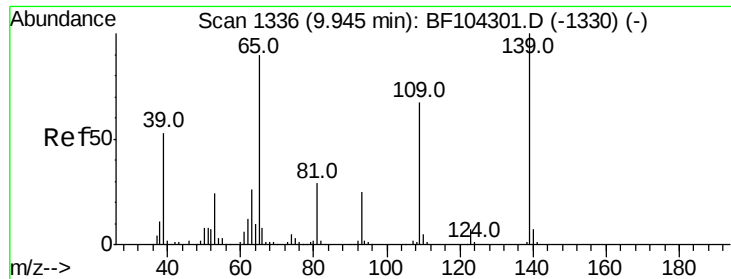
Tot Ion:184 Resp: 181201
 Ion Ratio Lower Upper
 184 100
 63 61.8 54.2 81.2
 154 65.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.923 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion:168 Resp: 979364
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 13.6 10.9 16.3

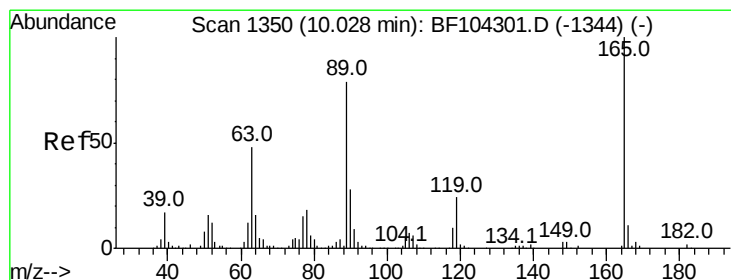
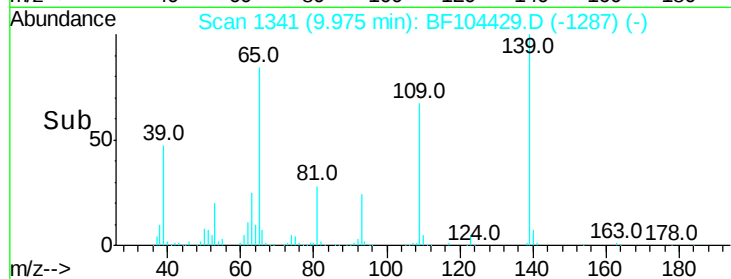
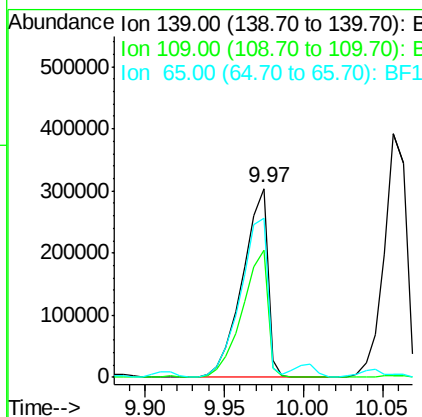
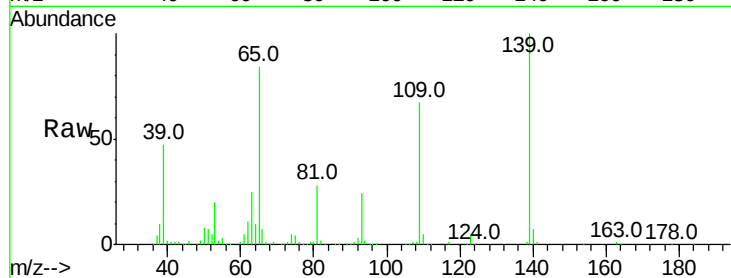




#55
4-Nitrophenol
Concen: 92.873 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

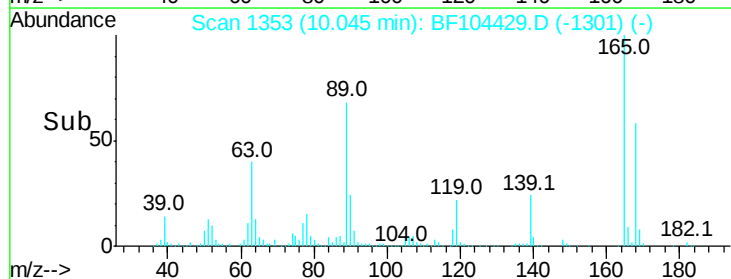
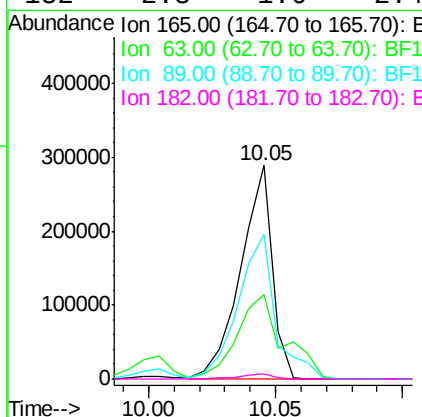
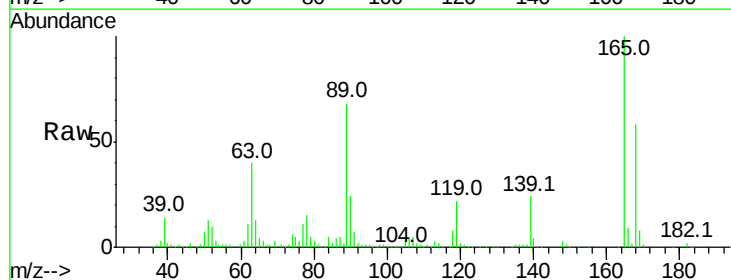
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

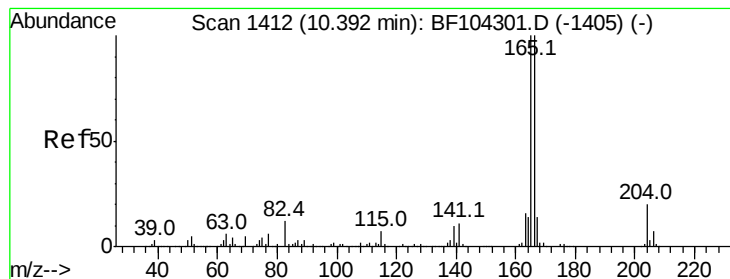
Tot Ion:139 Resp: 336929
Ion Ratio Lower Upper
139 100
109 67.4 48.4 88.4
65 84.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.384 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion:165 Resp: 250366
Ion Ratio Lower Upper
165 100
63 39.7 36.4 54.6
89 68.0 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 39.365 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

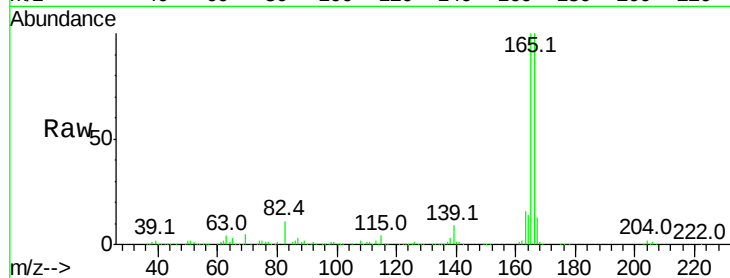
Tot Ion:166 Resp: 685720

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

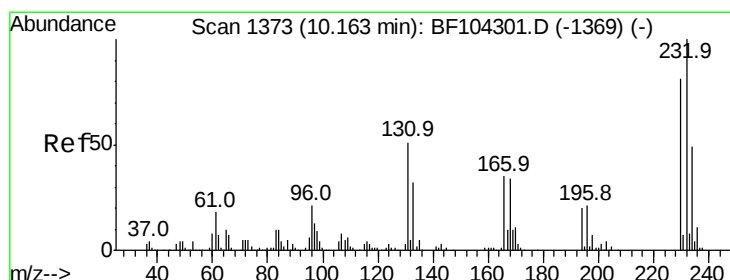
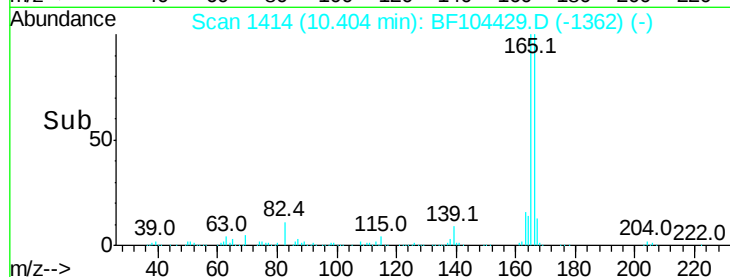
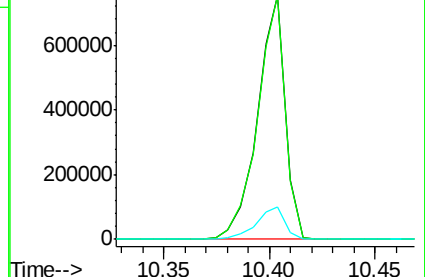
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.837 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:232 Resp: 196612

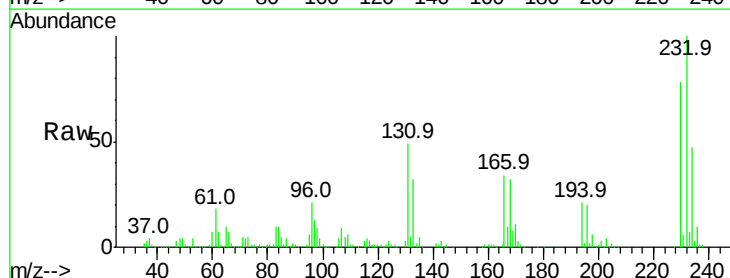
Ion Ratio Lower Upper

232 100

131 49.0 43.8 65.8

130 2.5 2.1 3.1

166 33.0 27.8 41.6

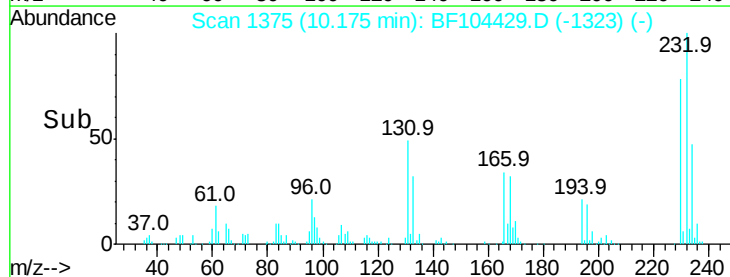
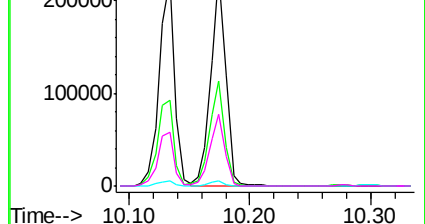


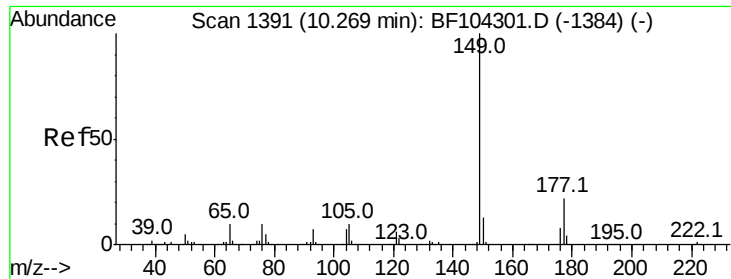
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

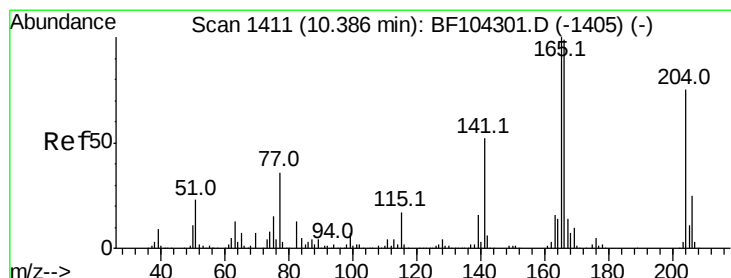
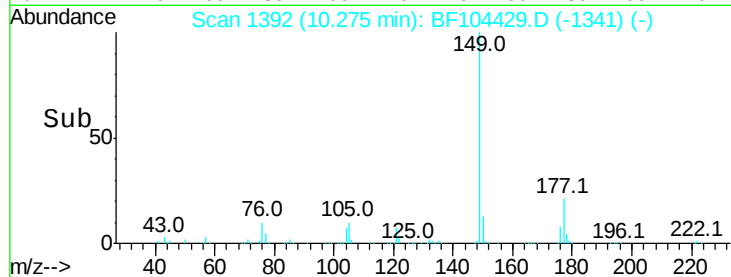
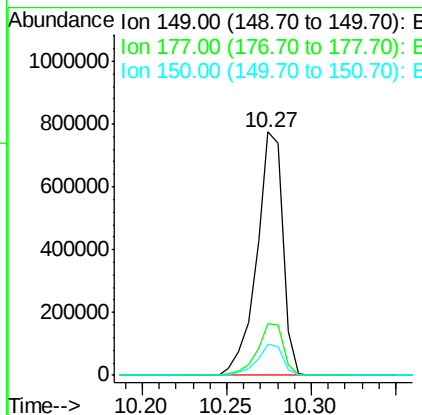
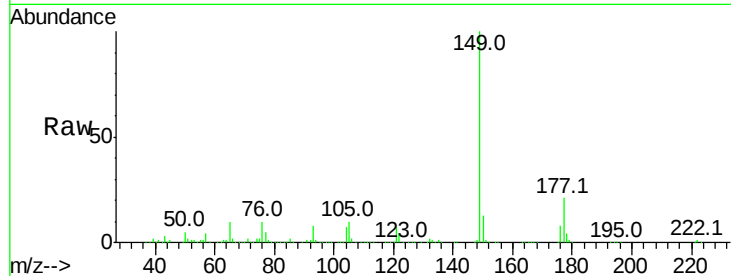




#59
Diethylphthalate
Concen: 39.245 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

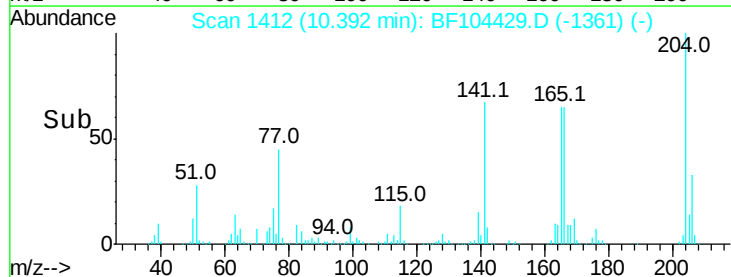
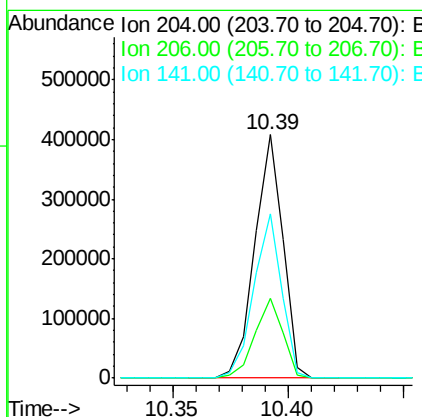
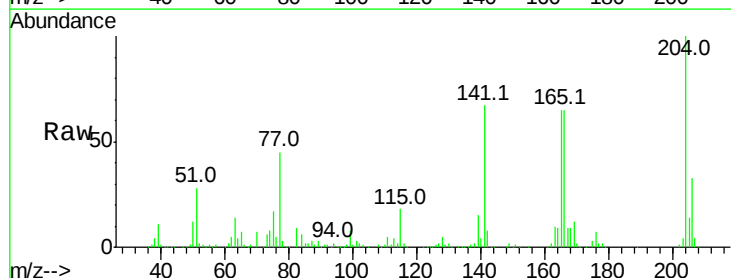
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

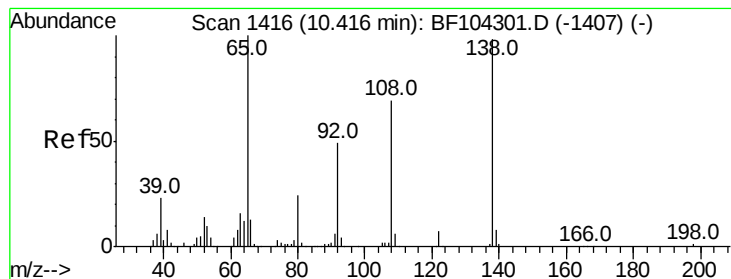
Tot Ion:149 Resp: 833276
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.930 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion:204 Resp: 348555
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 67.3 54.6 81.8





#61

4-Nitroaniline

Concen: 43.385 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

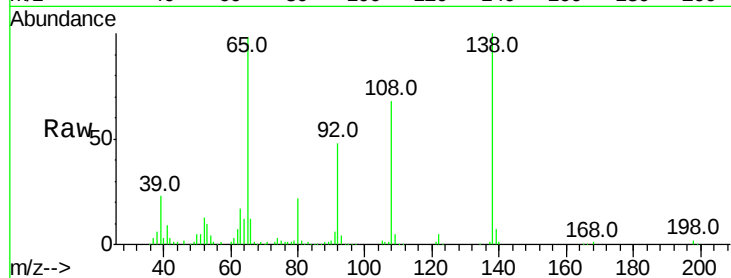
Tot Ion:138 Resp: 195911

Ion Ratio Lower Upper

138 100

92 47.6 30.2 70.2

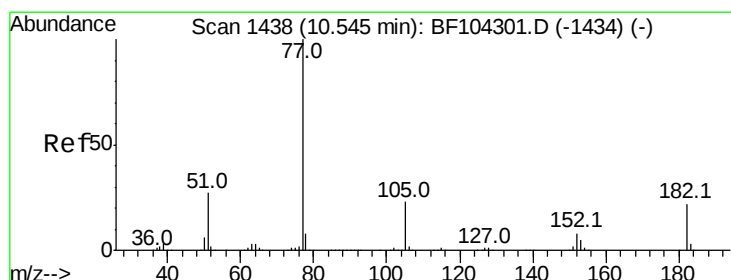
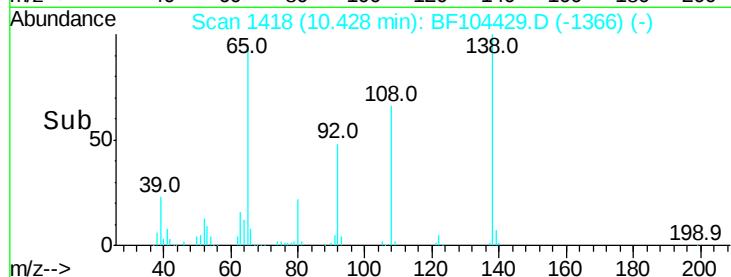
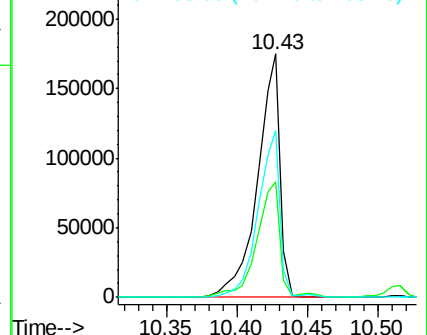
108 68.5 52.5 92.5



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: 40.112 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion: 77 Resp: 813692

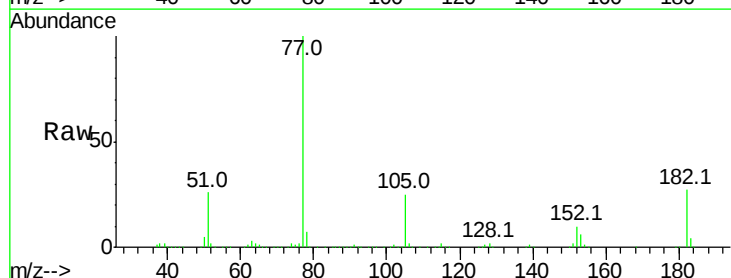
Ion Ratio Lower Upper

77 100

182 26.8 1.7 41.7

105 24.6 3.0 43.0

51 25.9 9.9 49.9

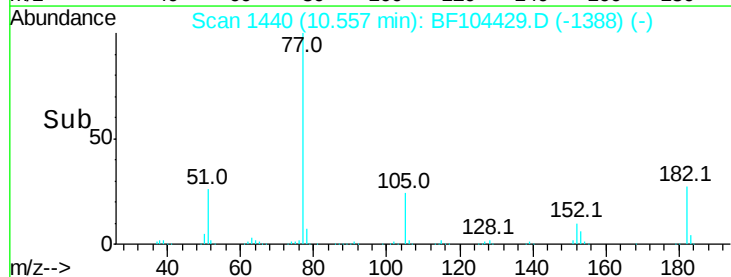
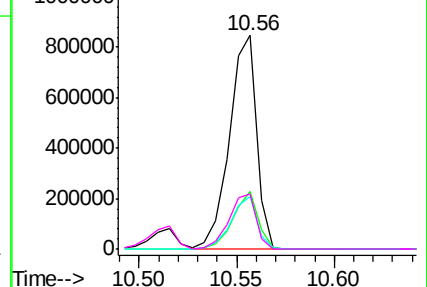


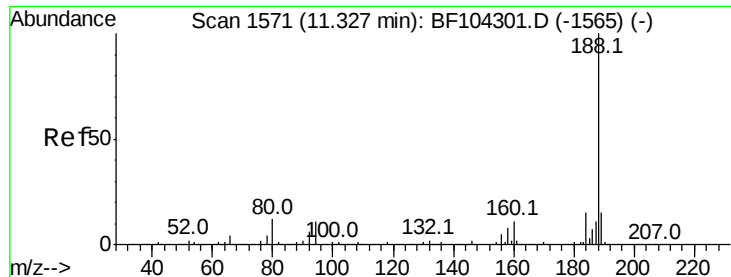
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

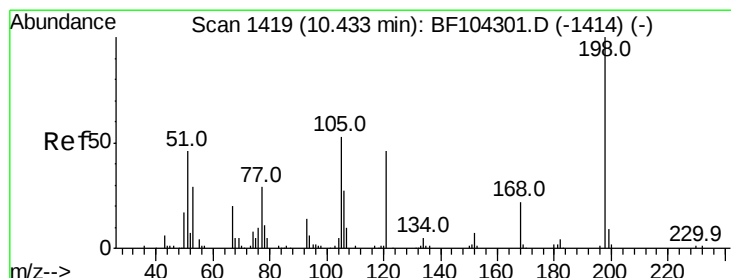
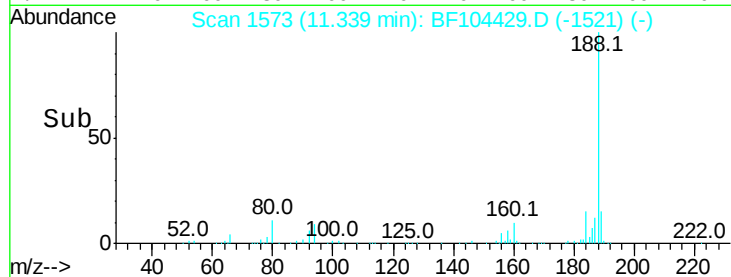
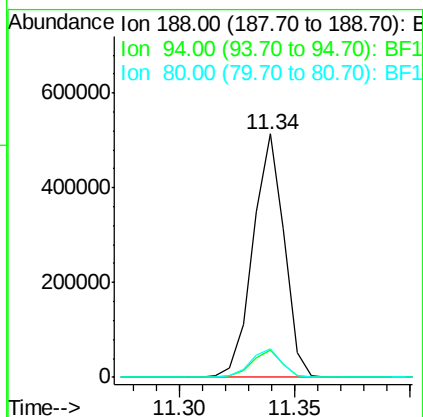
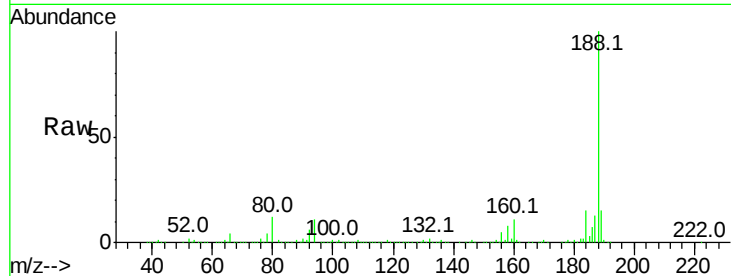




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

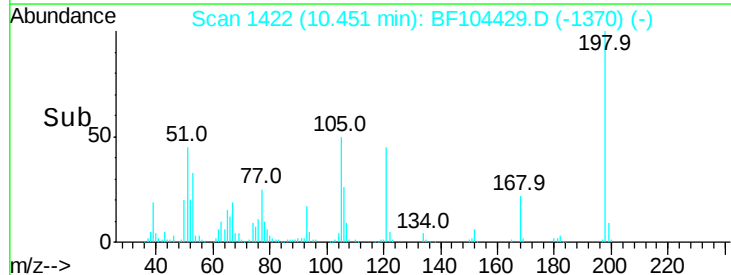
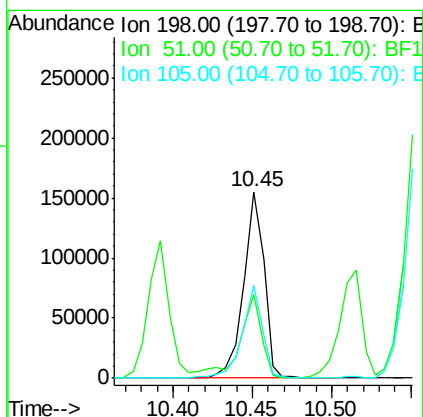
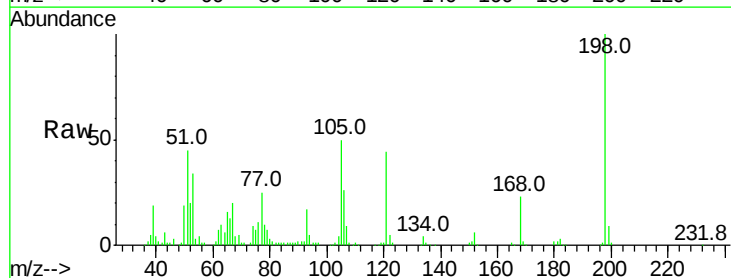
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

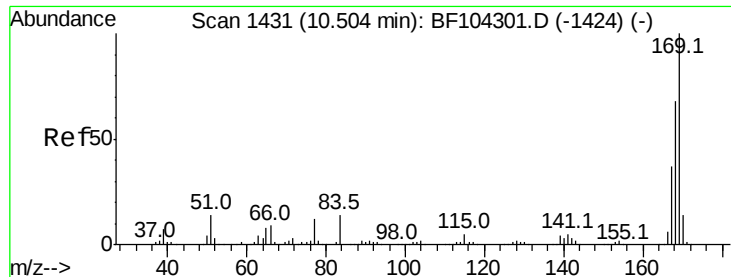
Tot Ion:188 Resp: 481626
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 57.436 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion:198 Resp: 138724
Ion Ratio Lower Upper
198 100
51 45.2 37.7 77.7
105 50.0 36.3 76.3

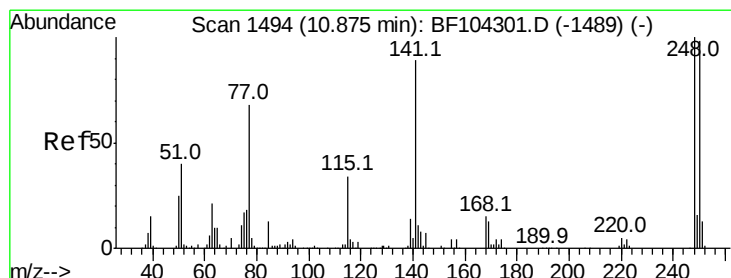
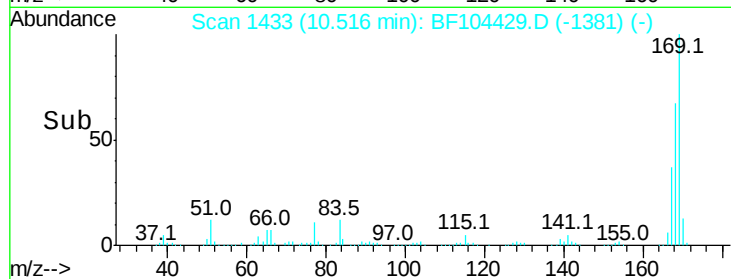
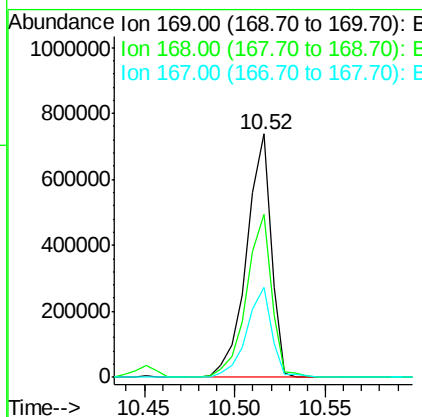
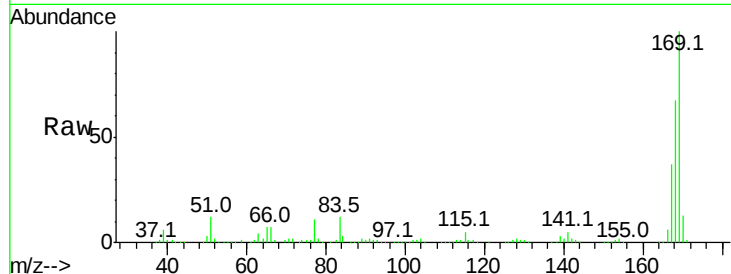




#65
 n-Nitrosodiphenylamine
 Concen: 41.798 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

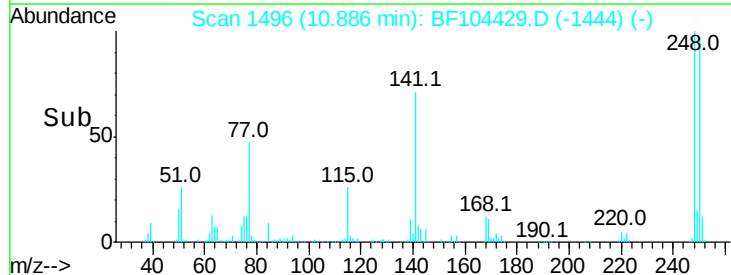
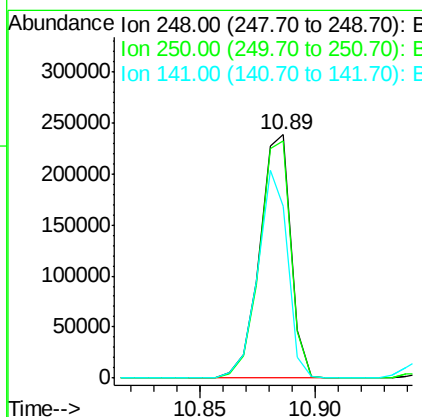
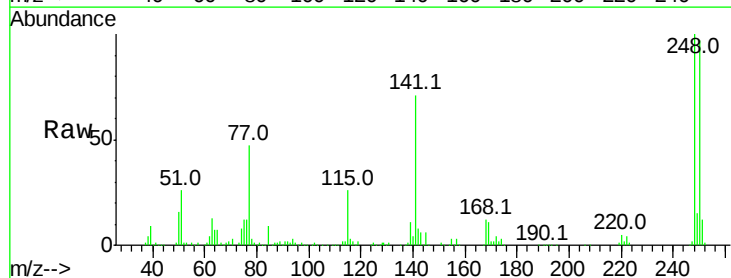
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MS

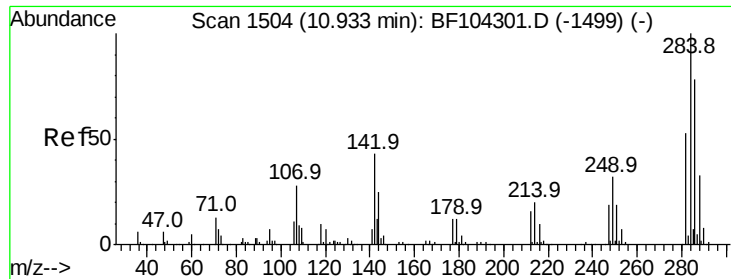
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.4	81.6
167	37.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.980 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	70.8	74.4	111.6#





#67

Hexachlorobenzene

Concen: 42.305 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

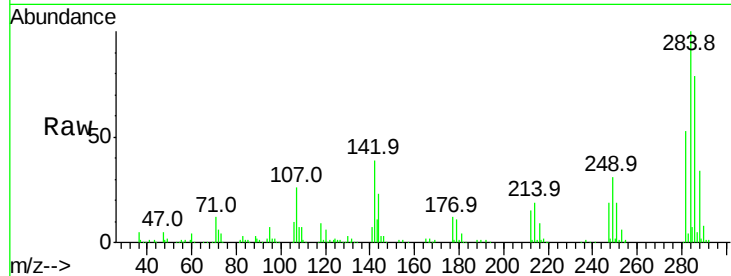
Tot Ion:284 Resp: 243865

Ion Ratio Lower Upper

284 100

142 38.9 34.6 52.0

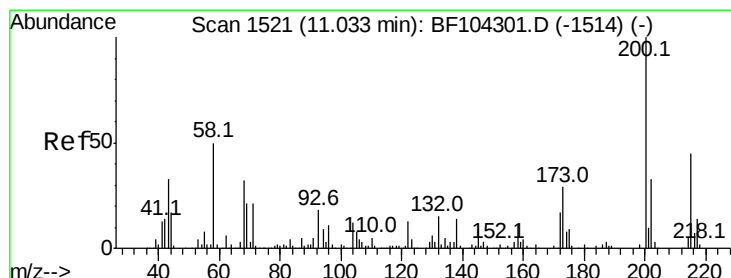
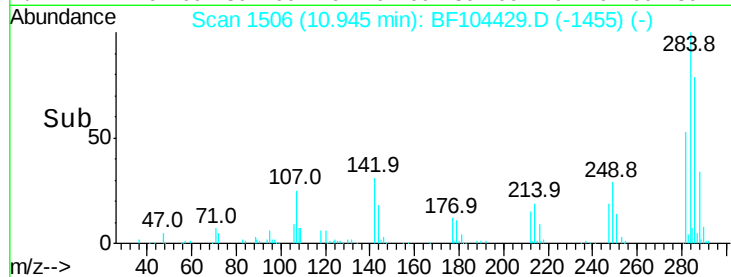
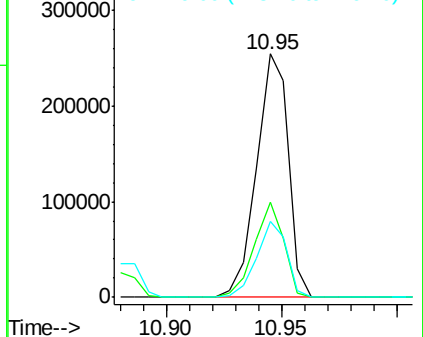
249 31.2 24.8 37.2



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: 44.594 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

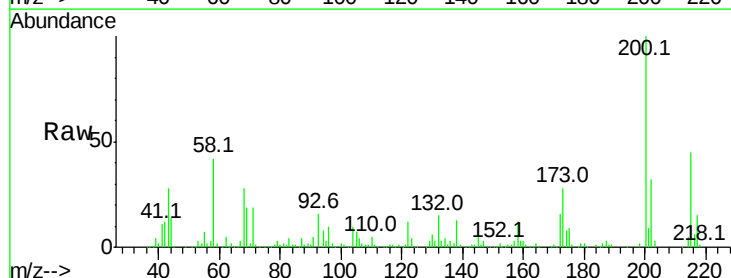
Tgt Ion:200 Resp: 224782

Ion Ratio Lower Upper

200 100

173 28.0 8.6 48.6

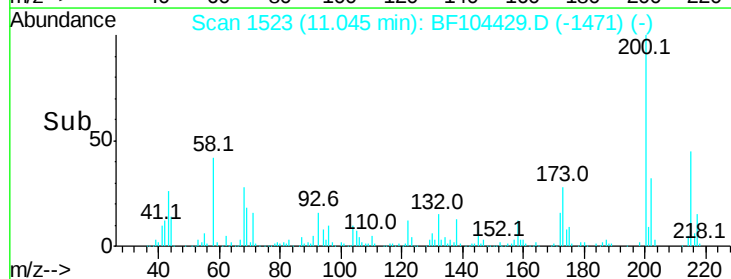
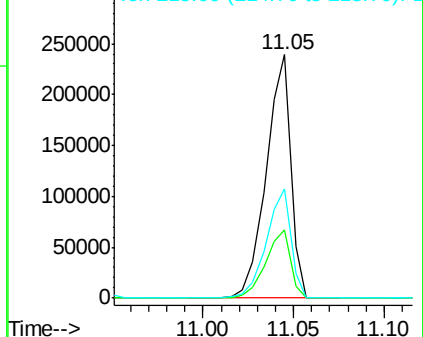
215 45.1 25.1 65.1

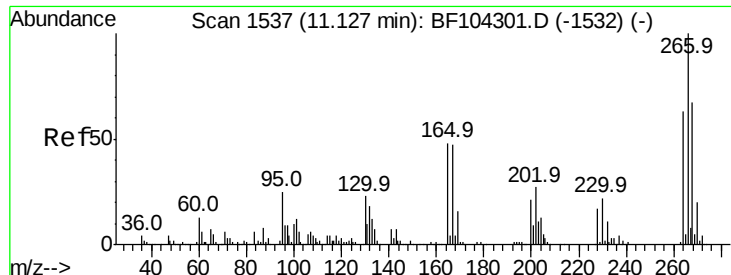


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

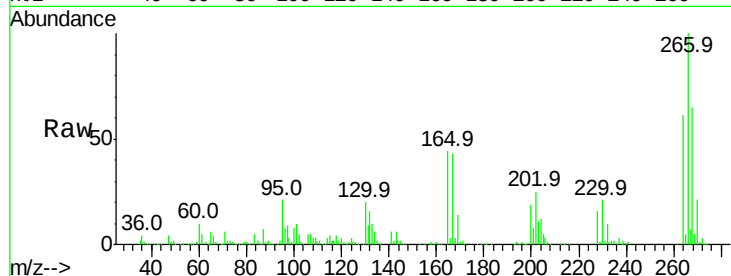




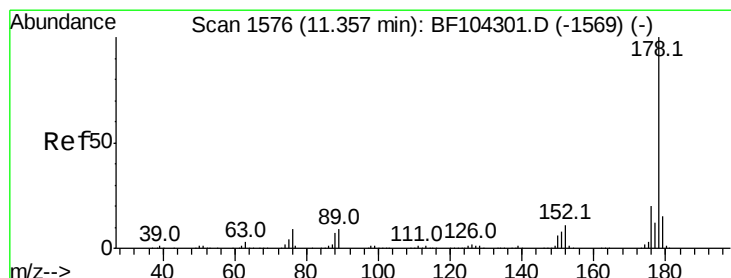
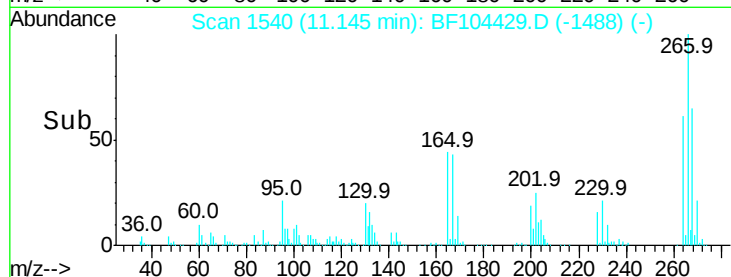
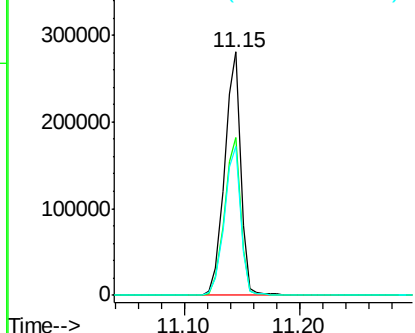
#69
 Pentachlorophenol
 Concen: 76.510 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion:266 Resp: 272846
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.1 76.7
 264 61.2 49.5 74.3

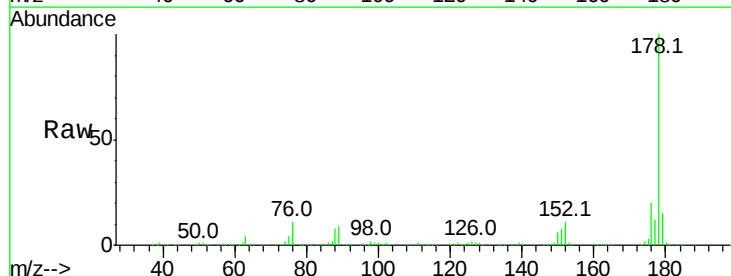


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

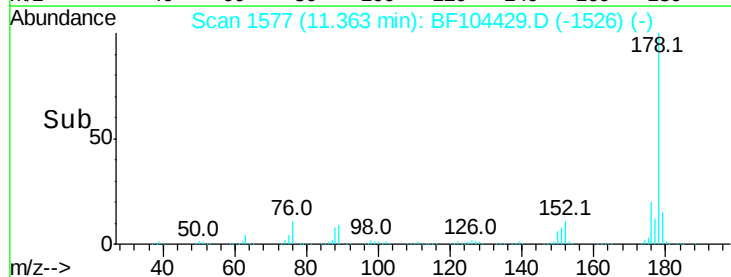
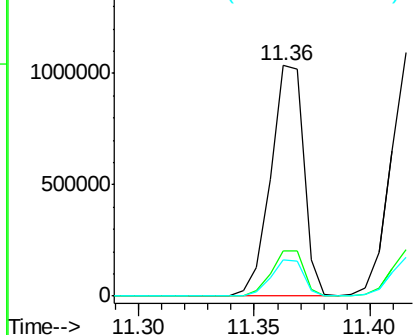


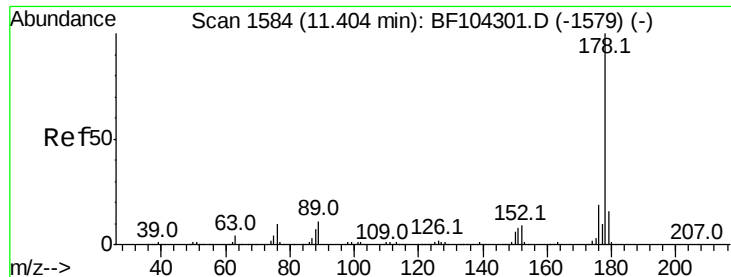
#70
 Phenanthrene
 Concen: 38.265 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion:178 Resp: 1026331
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.5 13.0 19.6



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

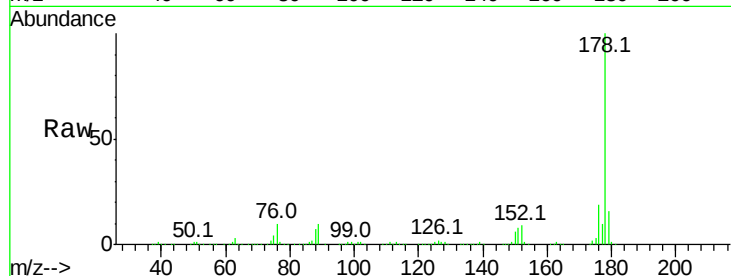




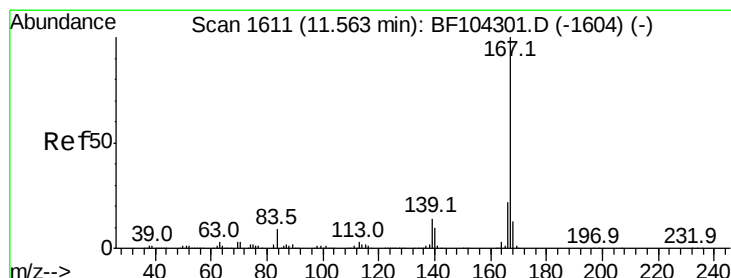
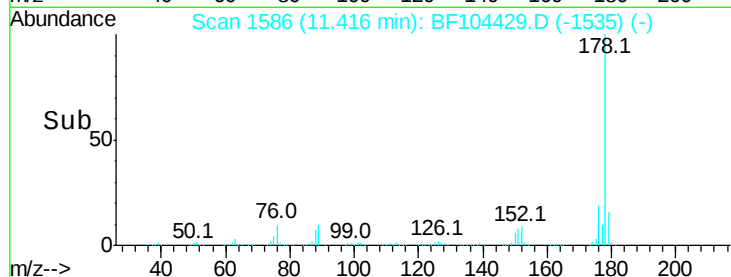
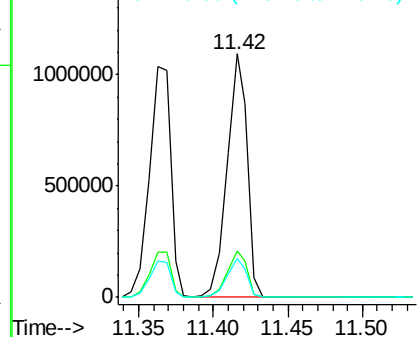
#71
 Anthracene
 Concen: 38.224 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion:178 Resp: 1042163
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0

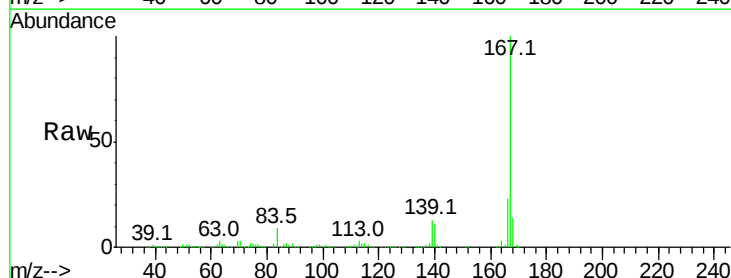


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

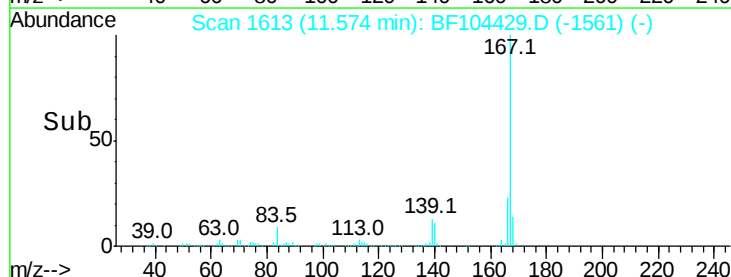
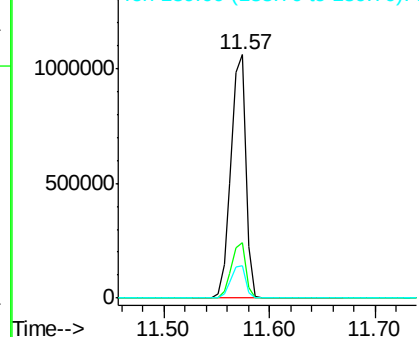


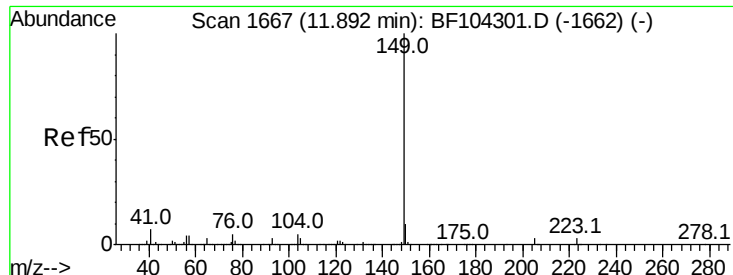
#72
 Carbazole
 Concen: 39.129 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion:167 Resp: 1042476
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.317 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

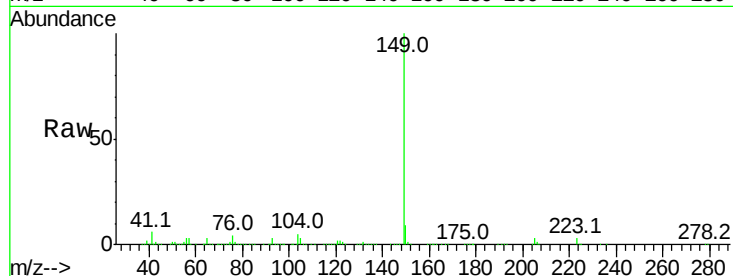
Tot Ion:149 Resp: 1247020

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

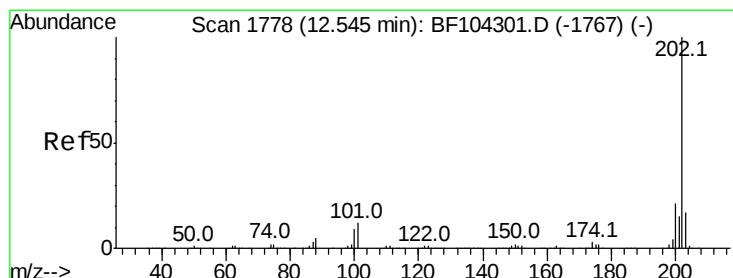
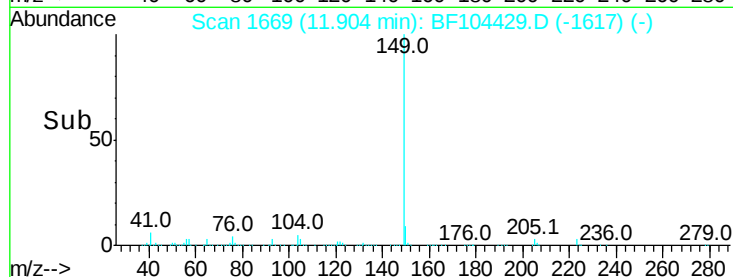
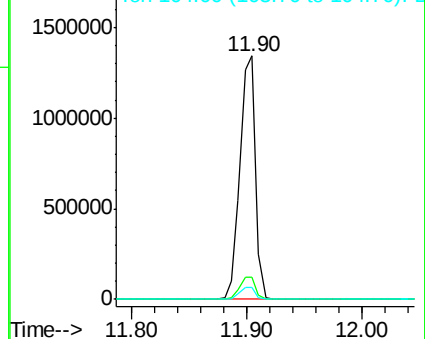
104 4.8 3.8 5.8



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: 36.296 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

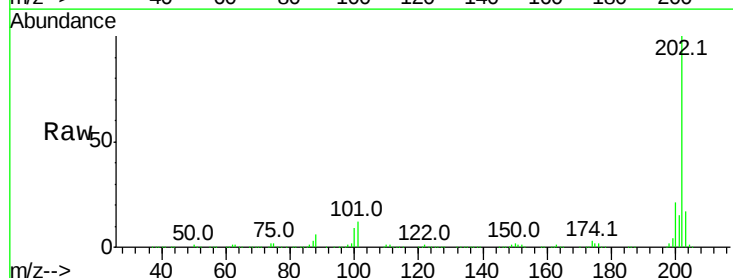
Tgt Ion:202 Resp: 1017125

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

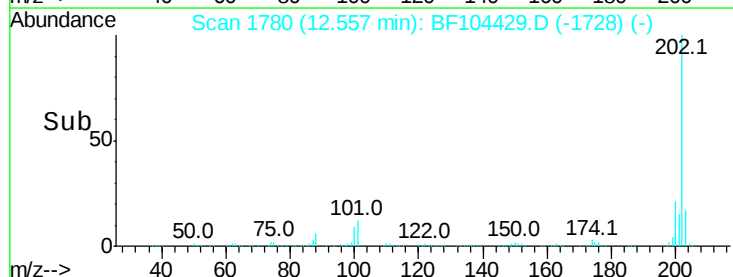
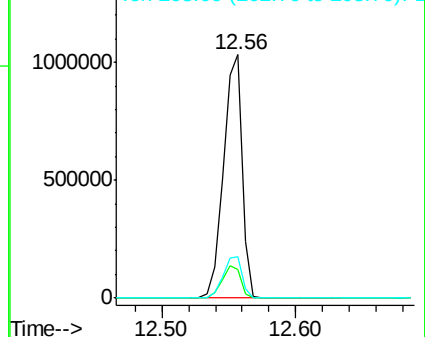
203 16.9 0.0 38.1

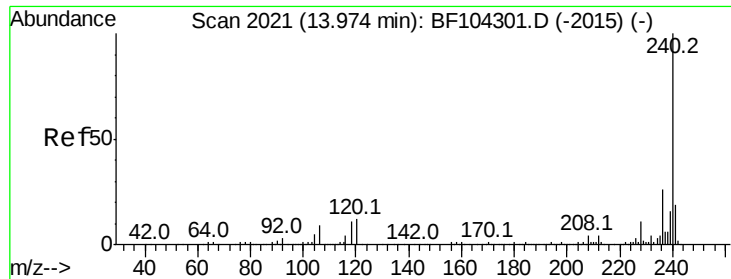


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

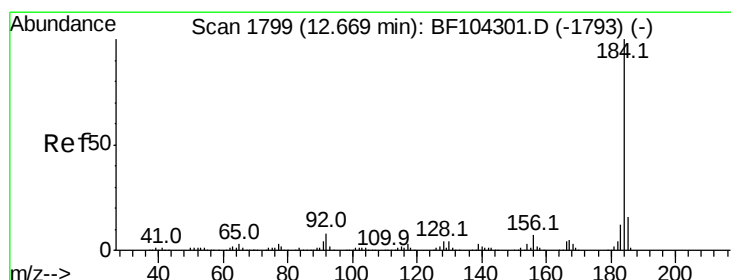
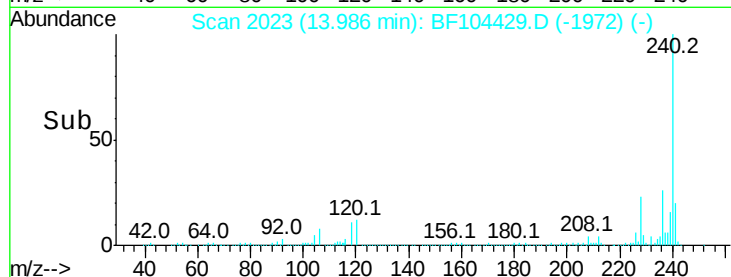
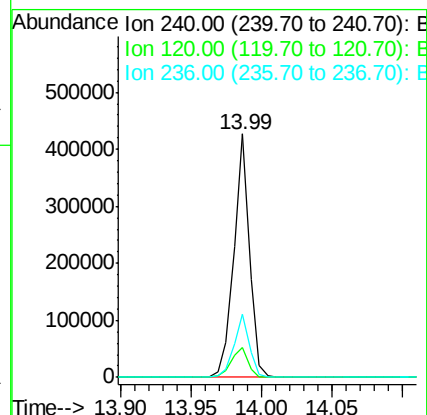
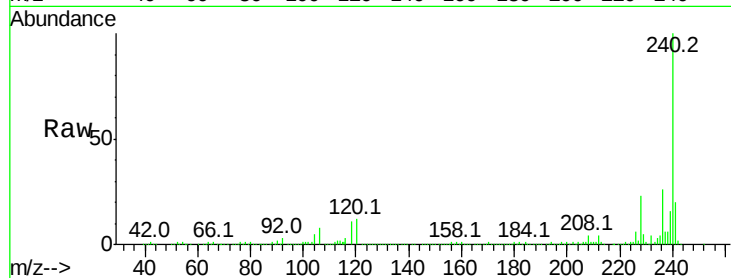




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

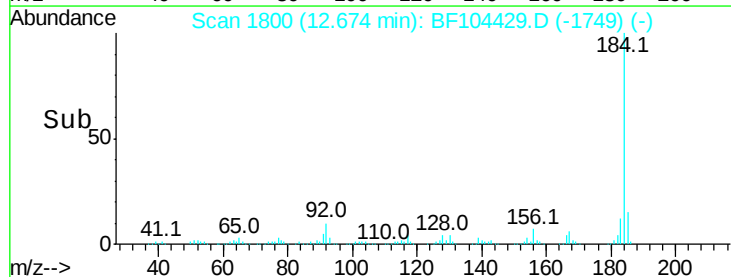
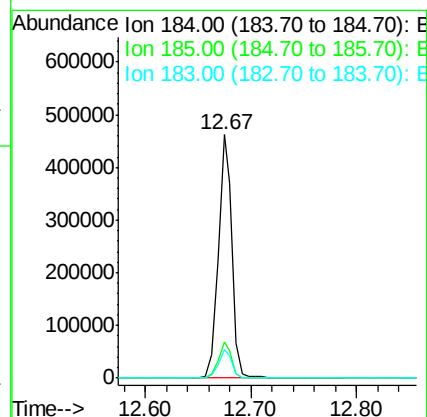
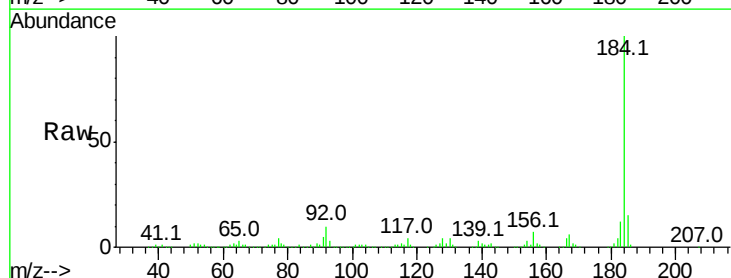
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

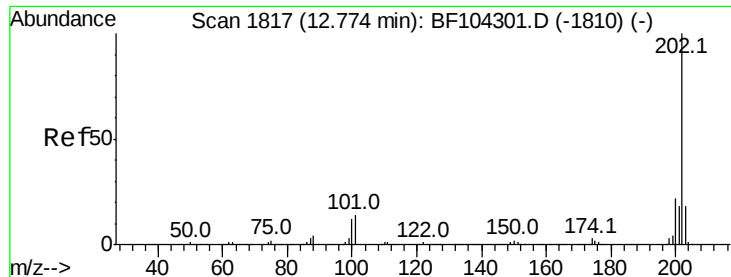
Tot Ion:240 Resp: 328222
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.1 20.7 31.1



#76
Benzidine
Concen: 37.326 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion:184 Resp: 423325
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.7 9.3 13.9



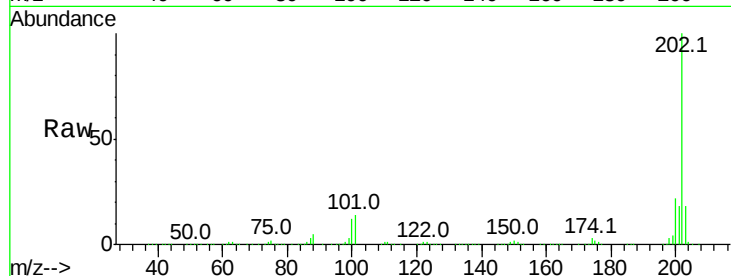


#77
Pvrene
Concen: 42.744 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

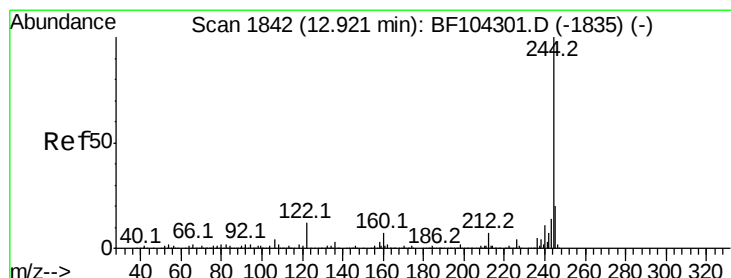
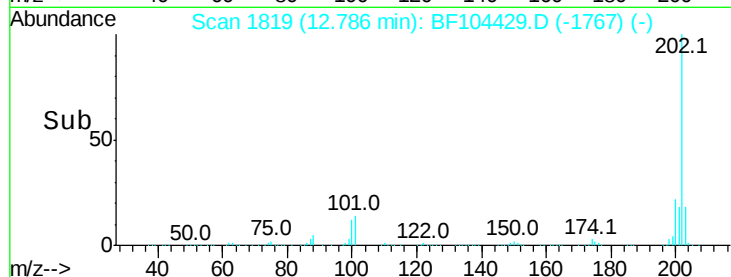
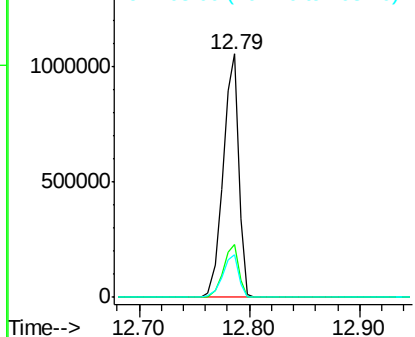
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

Tot Ion:202 Resp: 1039908

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5



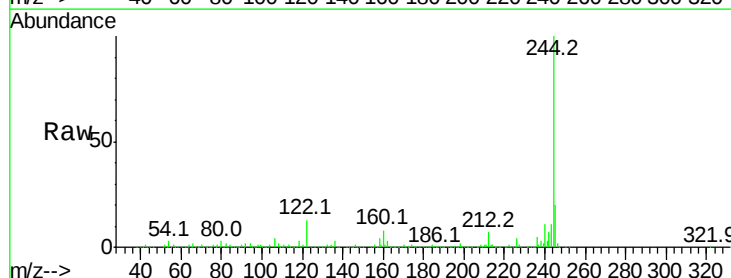
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



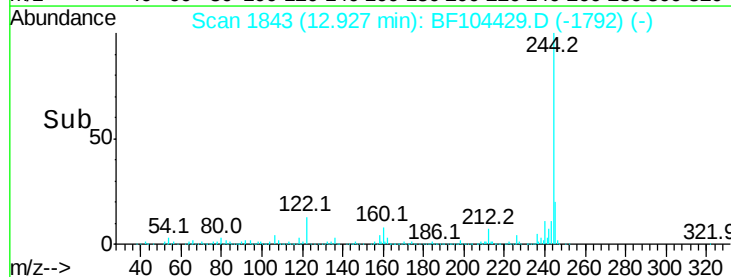
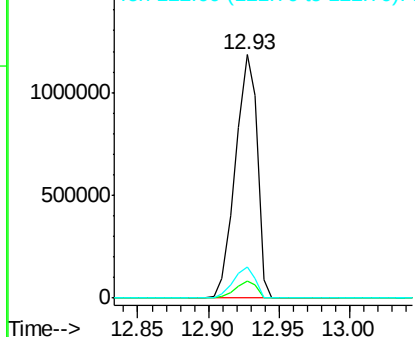
#78
Terphenyl-d14
Concen: 88.650 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

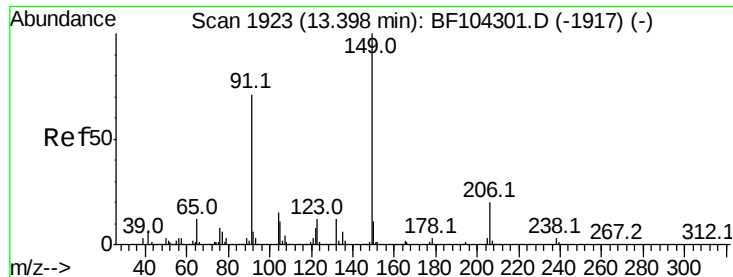
Tgt Ion:244 Resp: 1276280

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.6	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

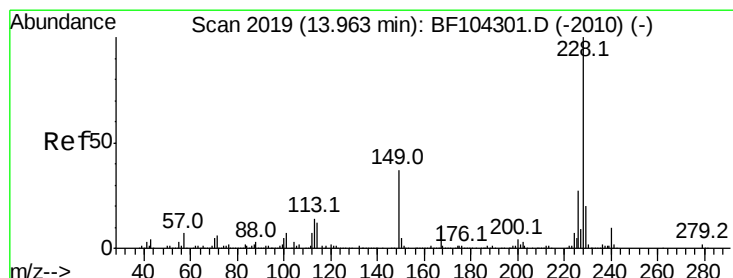
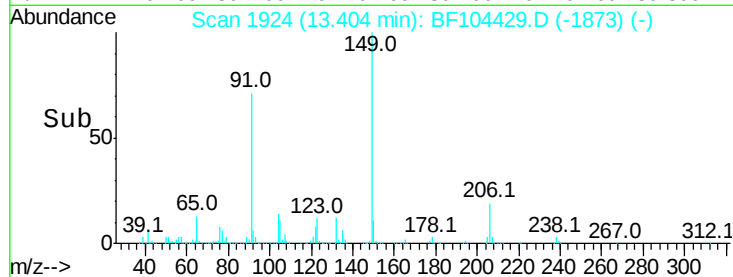
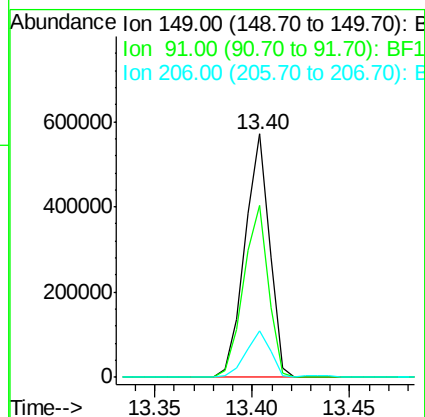
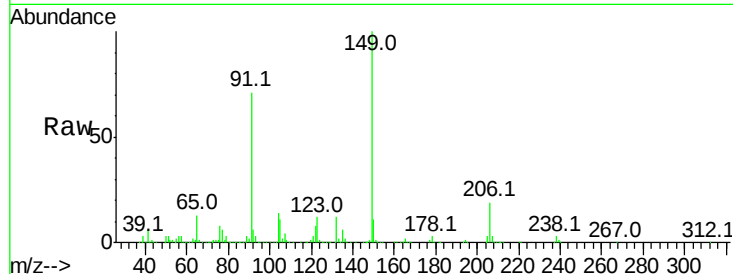




#79
Butylbenzylphthalate
Concen: 43.753 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

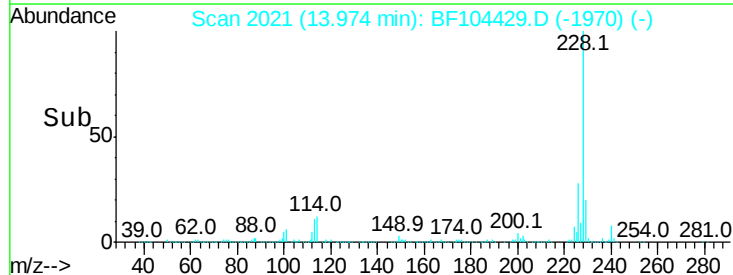
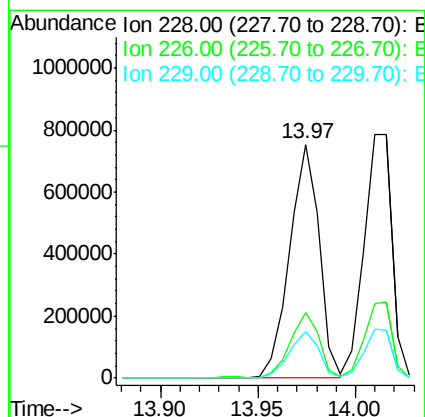
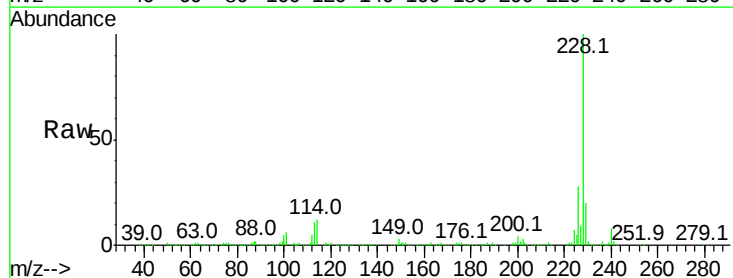
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

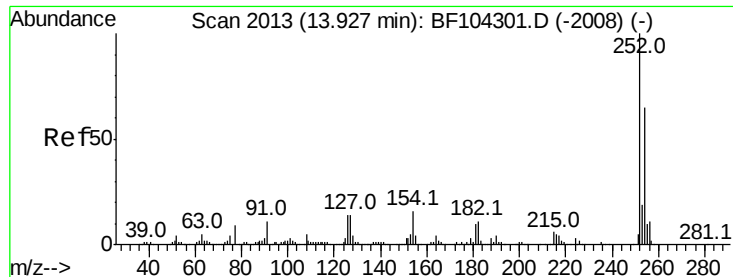
Tot Ion:149 Resp: 501480
Ion Ratio Lower Upper
149 100
91 70.9 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.148 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion:228 Resp: 787245
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.9 15.8 23.6

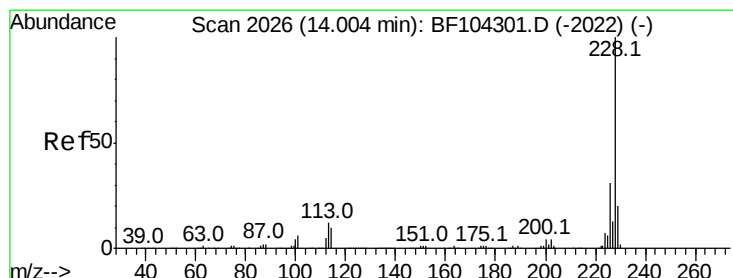
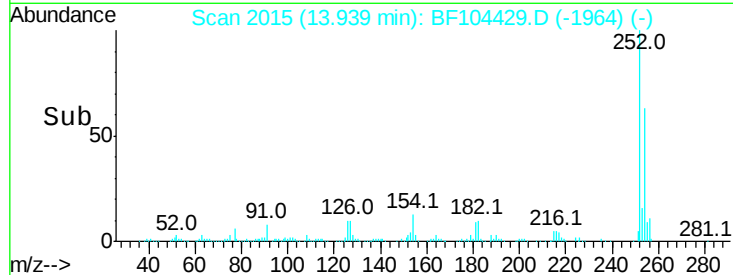
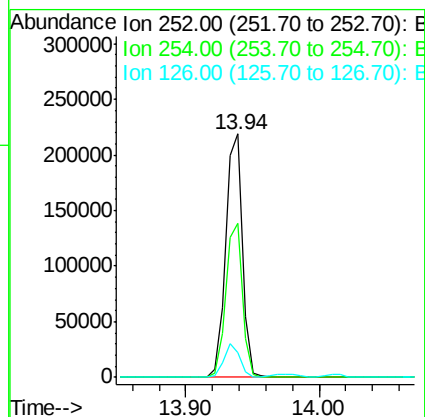
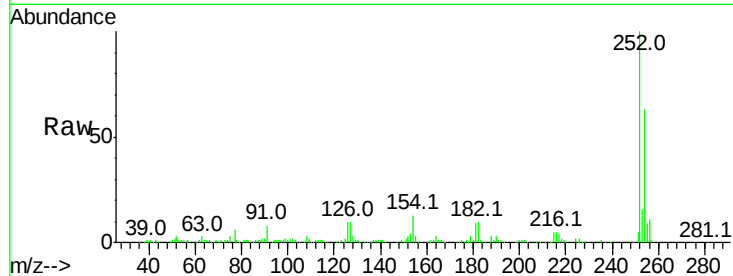




#81
 3,3'-Dichlorobenzidine
 Concen: 26.678 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

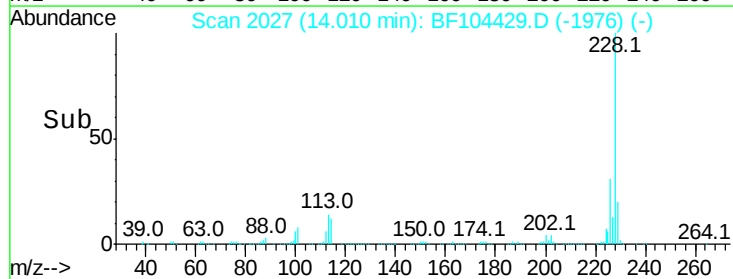
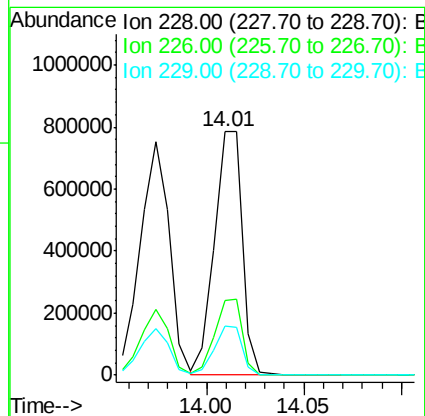
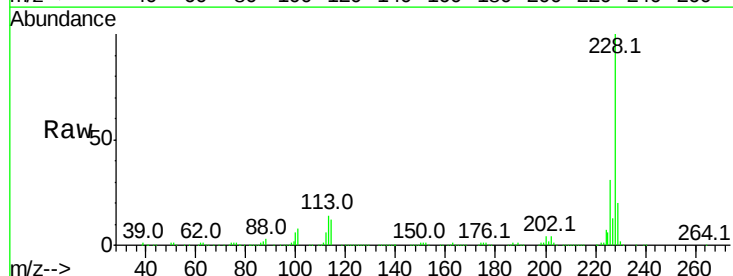
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MS

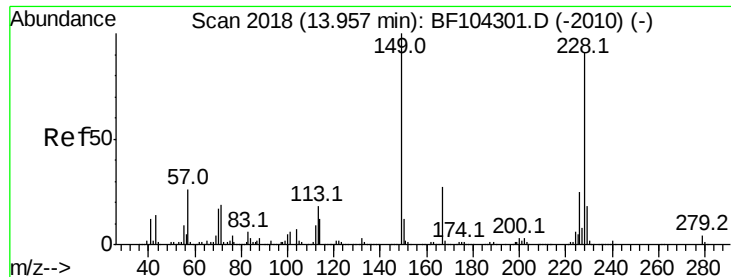
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.4	75.6
126	10.0	11.3	16.9#



#82
 Chrysene
 Concen: 38.688 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.505 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

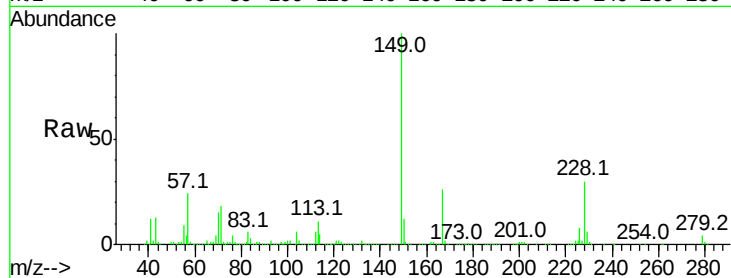
Tot Ion:149 Resp: 656121

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

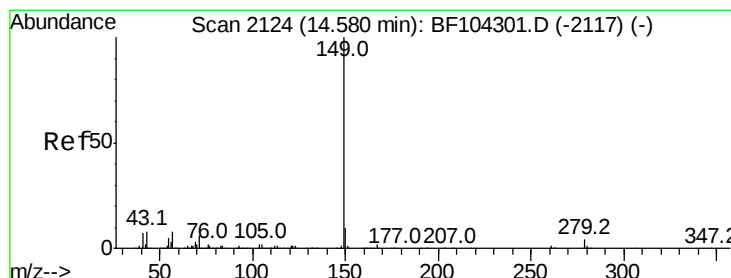
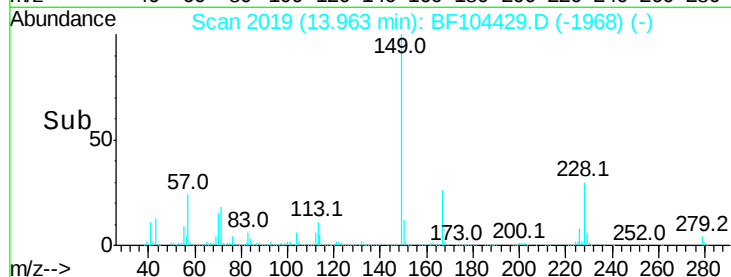
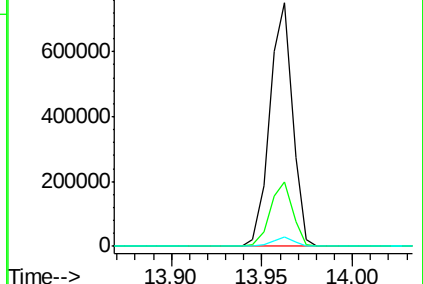
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.564 ng

RT: 14.58 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

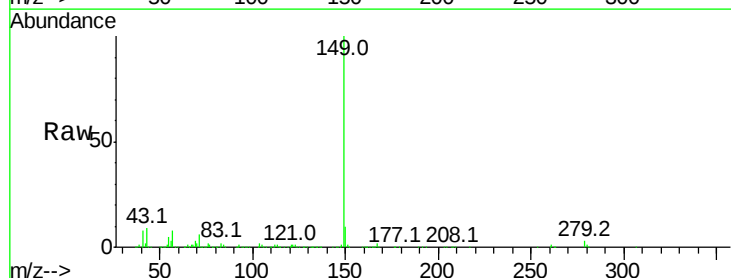
Tgt Ion:149 Resp: 1048504

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

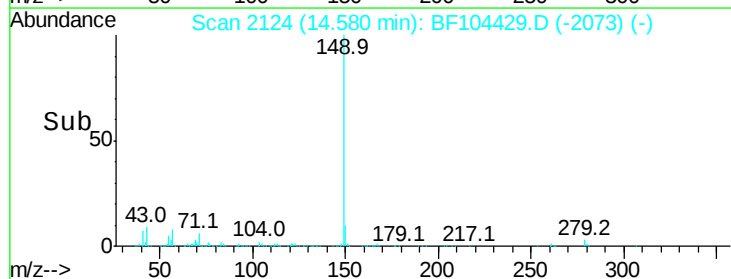
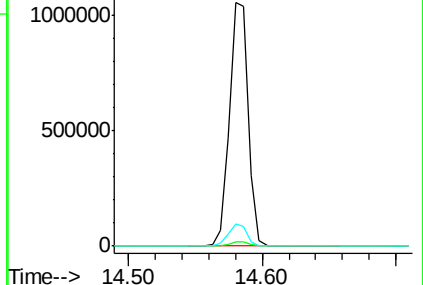
43 8.6 8.4 12.6

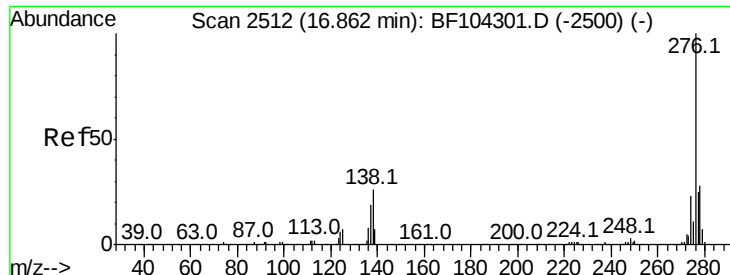


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

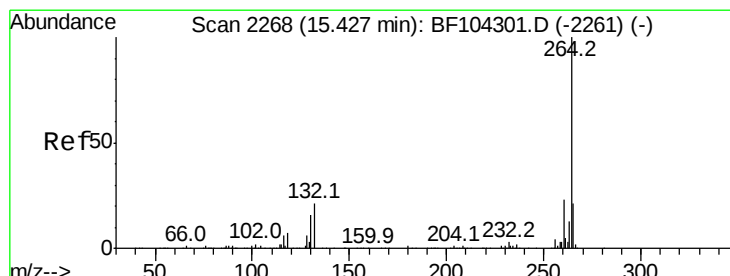
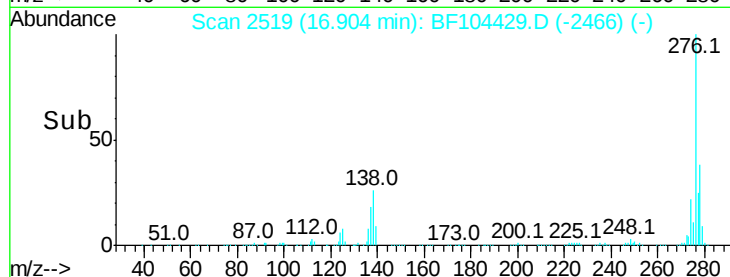
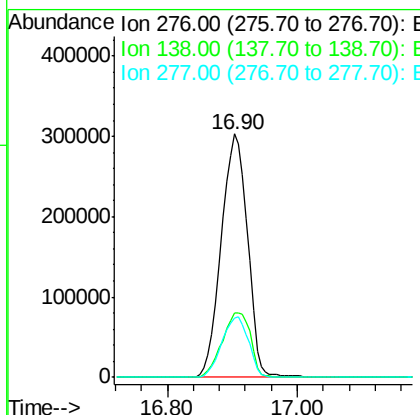
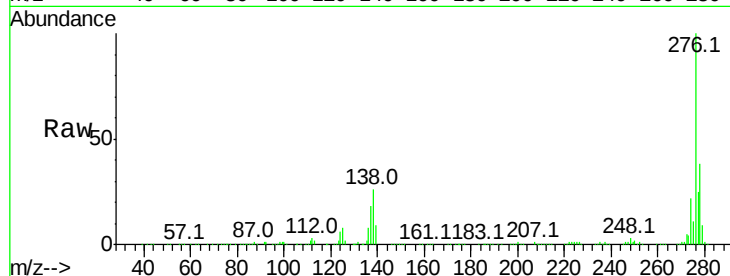




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.599 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

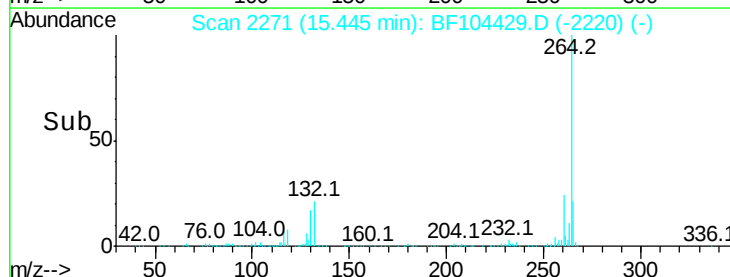
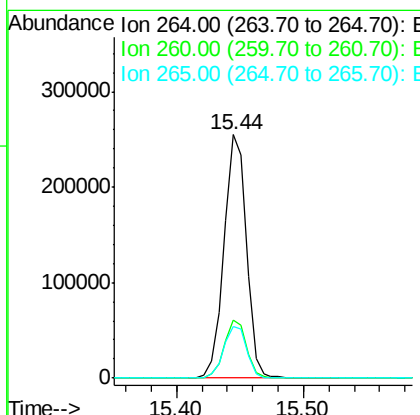
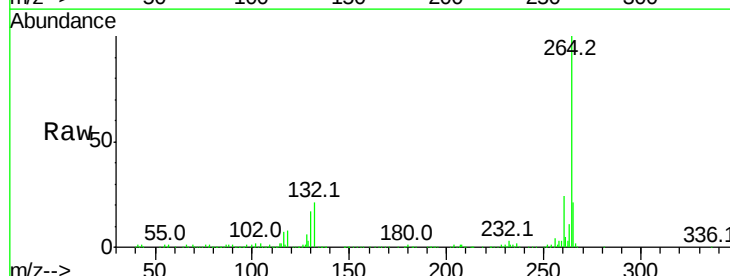
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MS

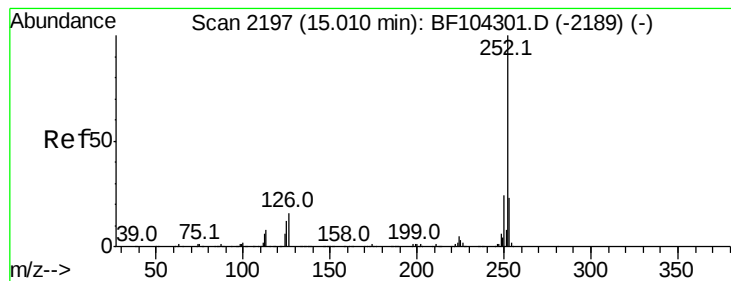
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.0	37.6
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.437 ng

RT: 15.03 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

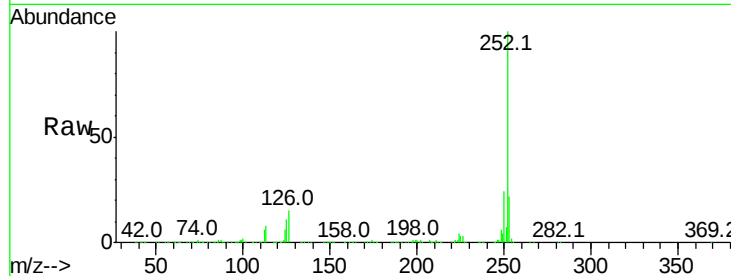
Tot Ion:252 Resp: 756152

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

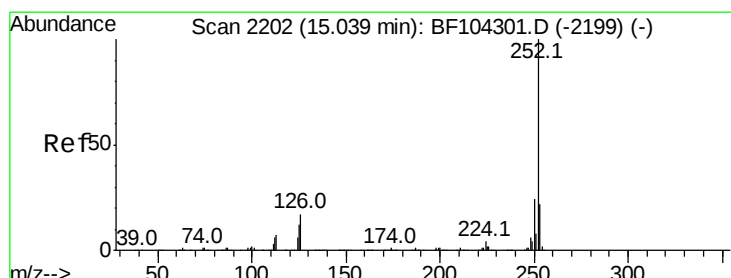
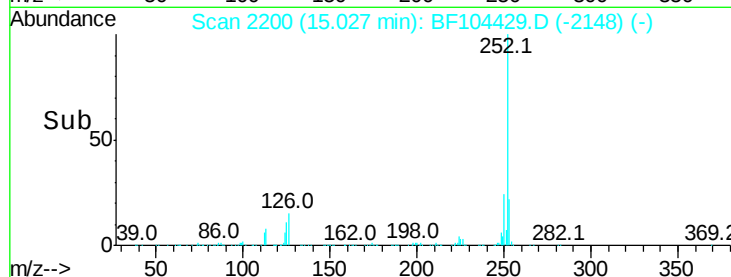
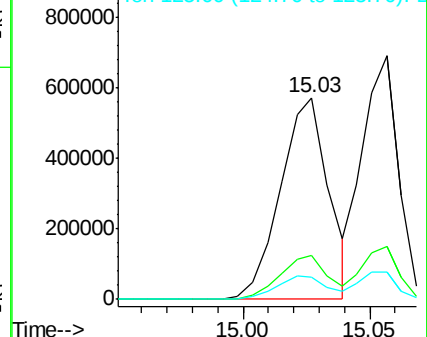
125 10.8 9.0 13.6



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: 36.879 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

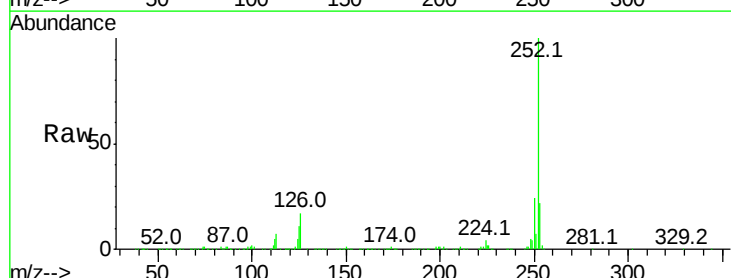
Tgt Ion:252 Resp: 684929

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

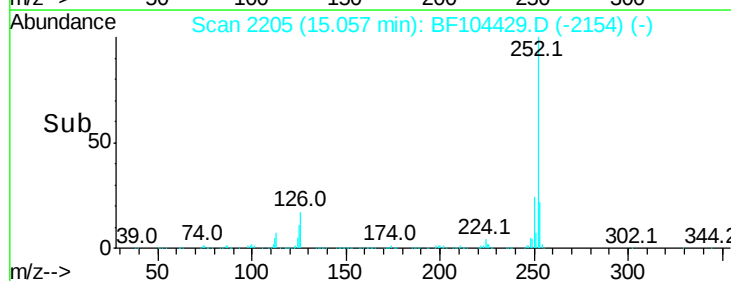
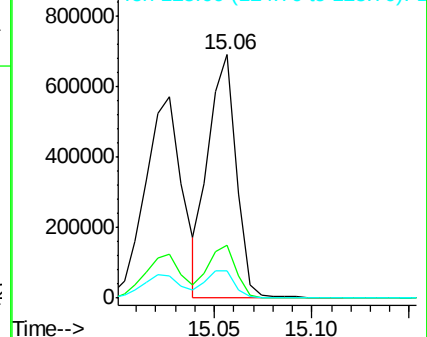
125 11.3 10.2 15.2

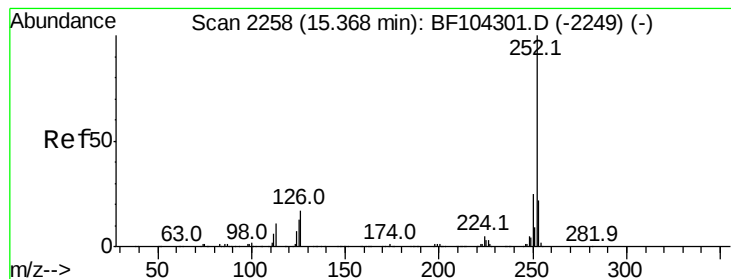


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.520 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

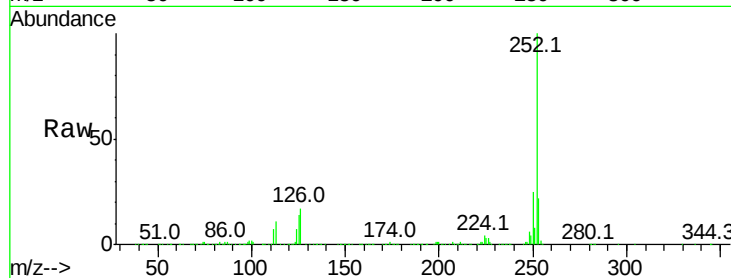
Tot Ion:252 Resp: 695635

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

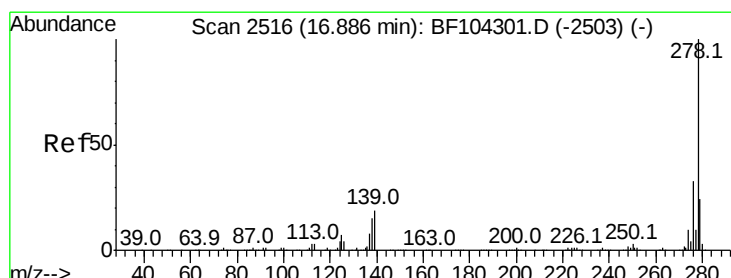
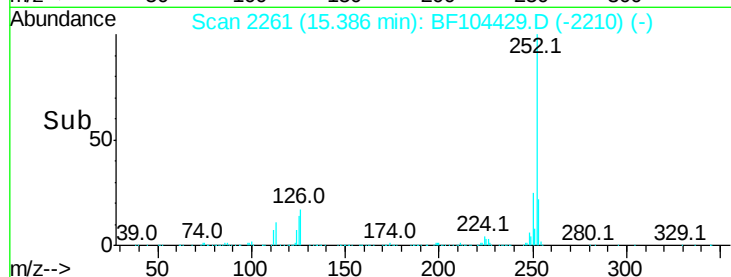
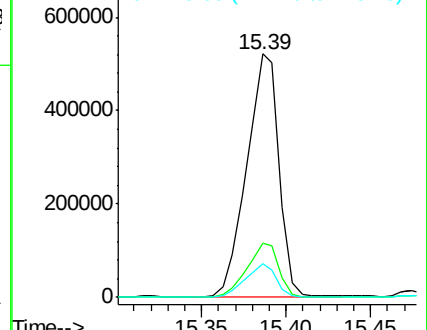
125 13.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.908 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

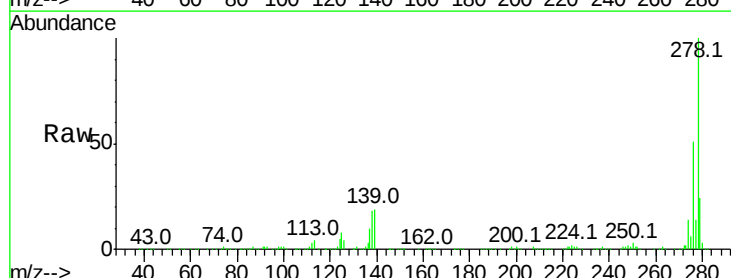
Tgt Ion:278 Resp: 692585

Ion Ratio Lower Upper

278 100

139 18.8 15.9 23.9

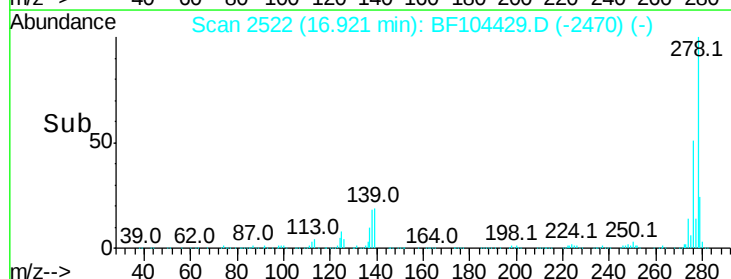
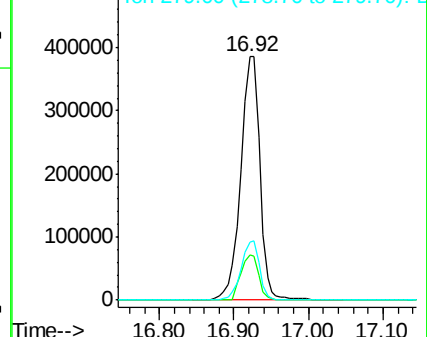
279 23.8 19.0 28.4

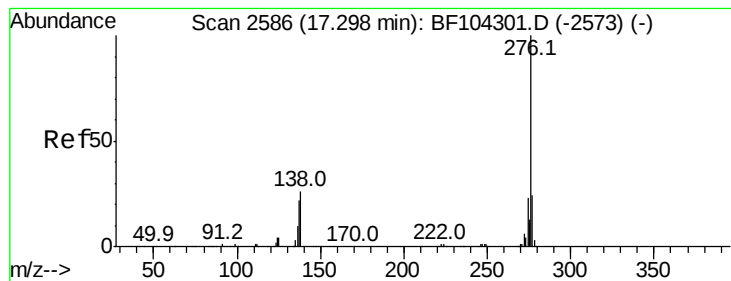


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 51.907 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

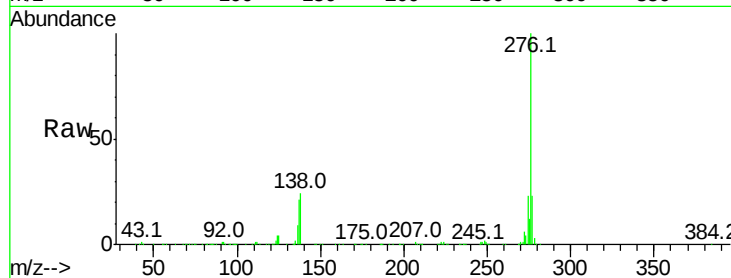
Tot Ion:276 Resp: 727009

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 23.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

