

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098757.D
 Acq On : 23 Sep 2017 23:49
 Operator : SJ/JU
 Sample : I5304-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MS

Quant Time: Sep 25 05:00:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	160260	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	622949	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	240438	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	348458	20.00	ng	0.00
75) Chrysene-d12	14.09	240	298364	20.00	ng	0.00
86) Perylene-d12	15.58	264	265328	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	883066	87.72	ng	0.00
7) Phenol-d6	6.55	99	1047451	84.34	ng	0.00
23) Nitrobenzene-d5	7.49	82	586467	60.37	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	146029	74.22	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	926899	64.36	ng	0.00
78) Terphenyl-d14	13.03	244	659004	50.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	120978	25.157	ng	98
3) Pyridine	3.57	79	329344	25.316	ng	98
4) n-Nitrosodimethylamine	3.51	42	159727	28.954	ng	99
6) Aniline	6.59	93	367361	21.917	ng	98
8) 2-Chlorophenol	6.71	128	315608	27.683	ng	97
9) Benzaldehyde	6.47	77	103528	14.371	ng	96
10) Phenol	6.56	94	423658	30.503	ng	95
11) bis(2-Chloroethyl)ether	6.66	93	302647	28.029	ng	98
12) 1,3-Dichlorobenzene	6.86	146	300293	25.151	ng	97
13) 1,4-Dichlorobenzene	6.94	146	306272	25.212	ng	99
14) 1,2-Dichlorobenzene	7.09	146	285955	25.476	ng	98
15) Benzyl Alcohol	7.06	79	267973	29.413	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	461561	27.437	ng	99
17) 2-Methylphenol	7.17	107	256119	27.456	ng	99
18) Hexachloroethane	7.44	117	87329	20.000	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	215819	27.219	ng	96
20) 3+4-Methylphenols	7.32	107	329636	27.933	ng	97
22) Acetophenone	7.33	105	428065	28.362	ng	# 95
24) Nitrobenzene	7.50	77	308346	27.983	ng	98
25) Isophorone	7.74	82	567541	28.259	ng	98
26) 2-Nitrophenol	7.82	139	130953	24.714	ng	91
27) 2,4-Dimethylphenol	7.85	122	252145	25.197	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	375527	30.005	ng	99
29) 2,4-Dichlorophenol	8.06	162	235446	27.404	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	227746	26.504	ng	99
31) Naphthalene	8.23	128	790188	27.008	ng	99
33) 4-Chloroaniline	8.27	127	245399	20.085	ng	100
34) Hexachlorobutadiene	8.34	225	113585	25.663	ng	99
35) Caprolactam	8.63	113	62474	22.669	ng	96
36) 4-Chloro-3-methylphenol	8.75	107	244949	25.365	ng	97
37) 2-Methylnaphthalene	8.92	142	514839	27.069	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	193808	27.028	ng	100
40) Hexachlorocyclopentadiene	9.07	237	48952	14.938	ng	99
42) 2,4,6-Trichlorophenol	9.19	196	145463	28.635	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	144720	28.539	ng	98
45) 1,1'-Biphenyl	9.38	154	572060	27.684	ng	99
46) 2-Chloronaphthalene	9.41	162	441210	28.437	ng	97
47) 2-Nitroaniline	9.50	65	146637	30.866	ng	96
48) Acenaphthylene	9.82	152	635450	26.755	ng	99
49) Dimethylphthalate	9.67	163	667507	36.783	ng	99
50) 2,6-Dinitrotoluene	9.74	165	104928	26.559	ng	97
51) Acenaphthene	9.99	154	375443	24.954	ng	100
52) 3-Nitroaniline	9.91	138	128118	27.812	ng	93
53) 2,4-Dinitrophenol	10.01	184	2954	7.159	ng	# 44
54) Dibenzofuran	10.17	168	559268	27.919	ng	100
55) 4-Nitrophenol	10.06	139	165426	42.470	ng	99
56) 2,4-Dinitrotoluene	10.14	165	124734	24.327	ng	98
57) Fluorene	10.51	166	417660	25.940	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	91818	26.211	ng	96
59) Diethylphthalate	10.37	149	505974	28.534	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	192754	26.651	ng	99
61) 4-Nitroaniline	10.52	138	115969	26.094	ng	96
62) Azobenzene	10.66	77	446663	27.396	ng	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	6608	3.117	ng	98
65) n-Nitrosodiphenylamine	10.62	169	380807	31.546	ng	98
66) 4-Bromophenyl-phenylether	10.99	248	103125	30.235	ng	93
67) Hexachlorobenzene	11.06	284	95393	26.186	ng	99
68) Atrazine	11.14	200	106599	29.350	ng	99
69) Pentachlorophenol	11.25	266	103333	45.577	ng	99
70) Phenanthrene	11.47	178	544206	29.177	ng	98
71) Anthracene	11.52	178	551525	28.899	ng	100
72) Carbazole	11.67	167	524038	28.040	ng	99
73) Di-n-butylphthalate	12.00	149	667769	29.685	ng	99
74) Fluoranthene	12.66	202	545520	28.883	ng	97
76) Benzidine	12.78	184	370190	33.546	ng	98
77) Pyrene	12.89	202	565054	24.836	ng	98
79) Butylbenzylphthalate	13.50	149	277078	25.913	ng	94
80) Benzo(a)anthracene	14.07	228	506690	28.046	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	189870	28.668	ng	97
82) Chrysene	14.12	228	464378	26.998	ng	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	404511	27.475	ng	# 98
84) Di-n-octyl phthalate	14.67	149	716123	30.207	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	384464	27.942	ng	96
87) Benzo(b)fluoranthene	15.14	252	439359	26.932	ng	98
88) Benzo(k)fluoranthene	15.17	252	440709	27.351	ng	98
89) Benzo(a)pyrene	15.52	252	415581	27.752	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	325771	27.184	ng	98
91) Benzo(g,h,i)perylene	17.55	276	303305	25.604	ng	99

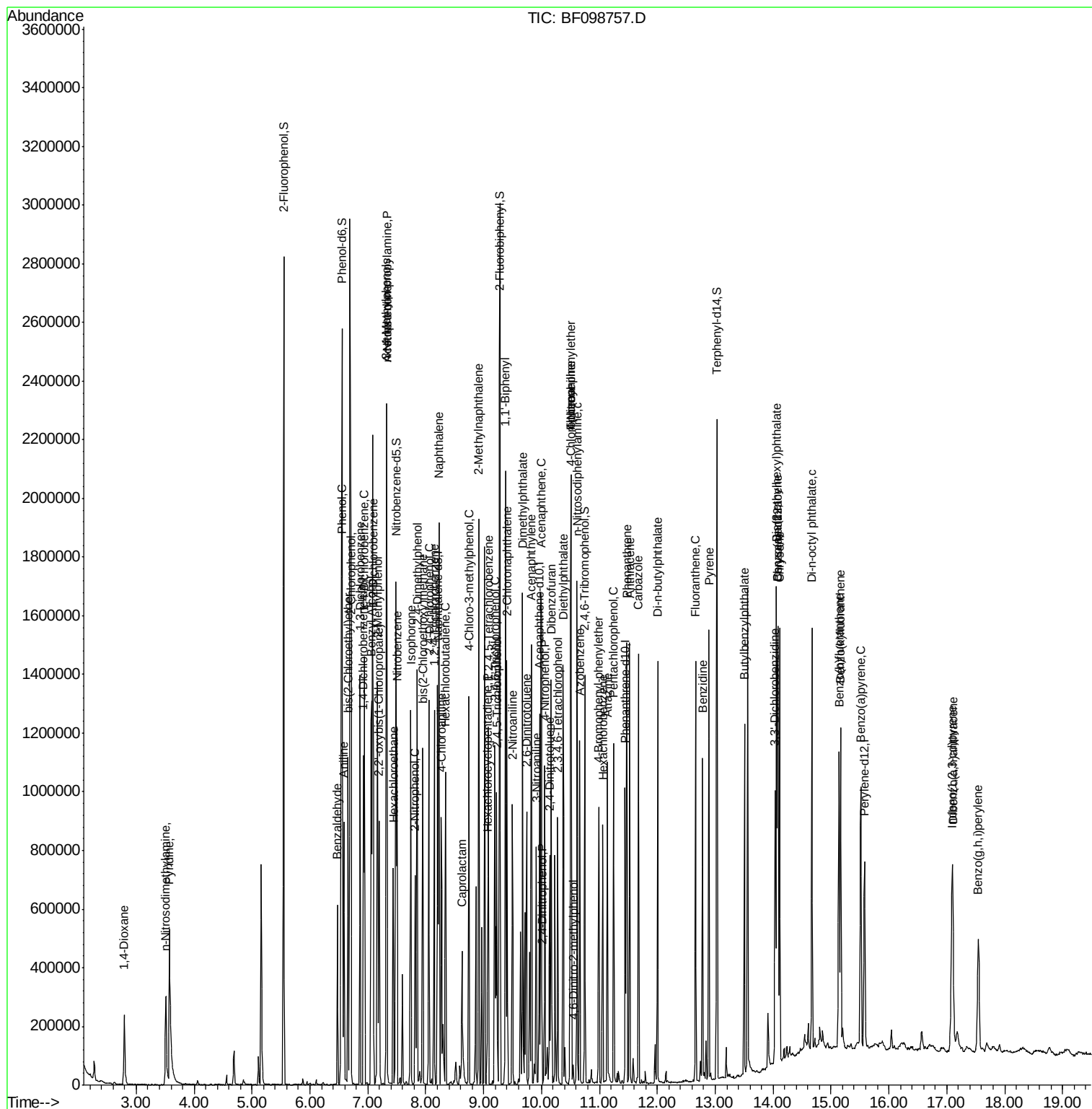
(#) = qualifier out of range (m) = manual integration (+) = signals summed

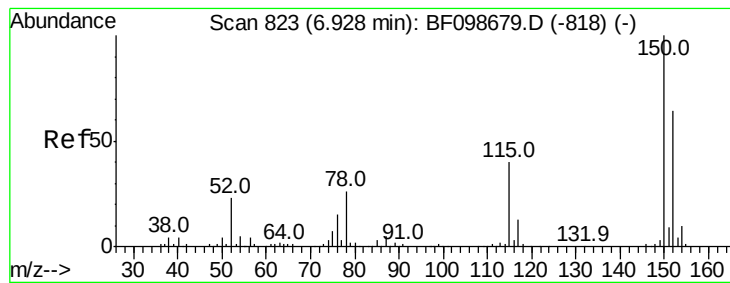
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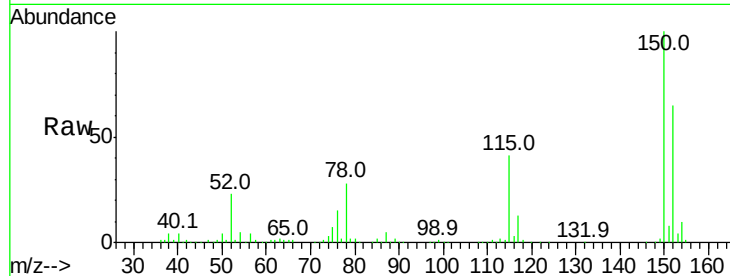


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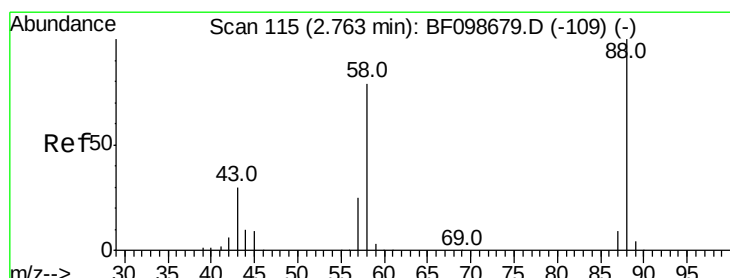
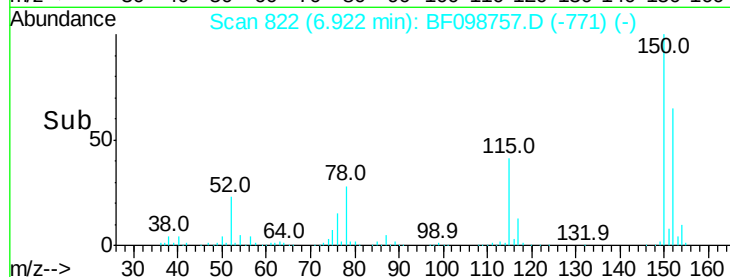
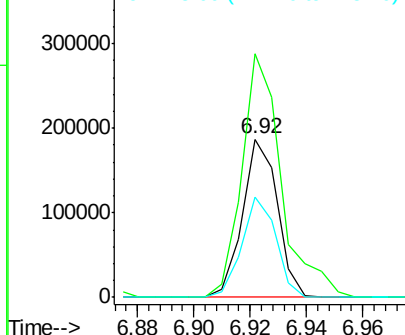
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

Tot Ion:152 Resp: 160260
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 63.4 50.1 75.1



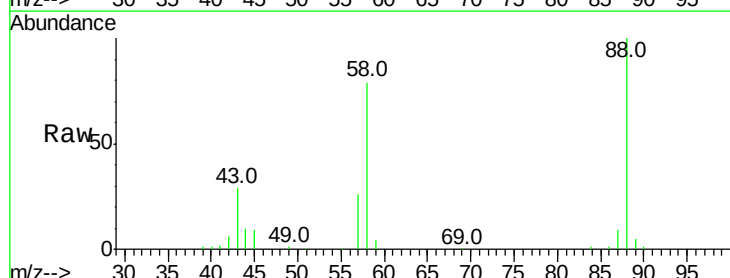
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



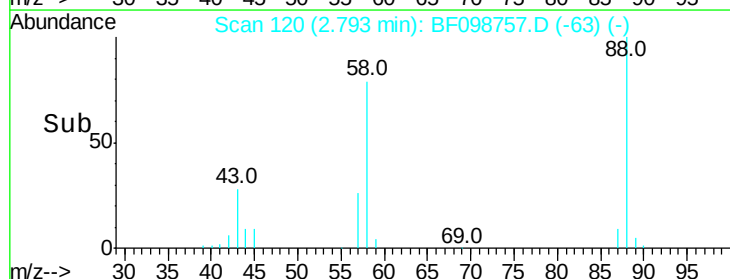
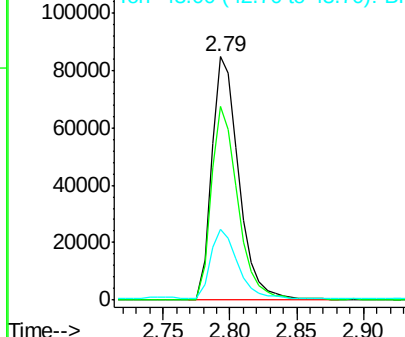
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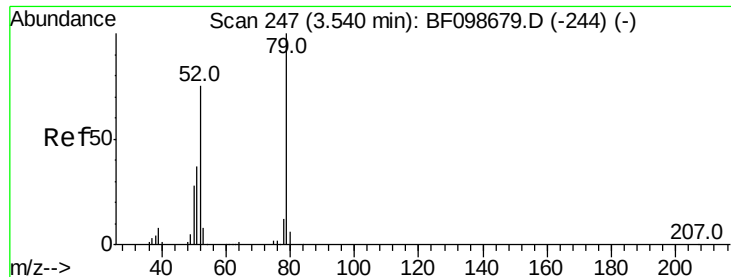
1,4-Dioxane
Concen: 25.157 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.04 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion: 88 Resp: 120978
Ion Ratio Lower Upper
88 100
58 78.7 62.6 93.8
43 28.6 24.6 37.0



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





#3

Pvridine

Concen: 25.316 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.04 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

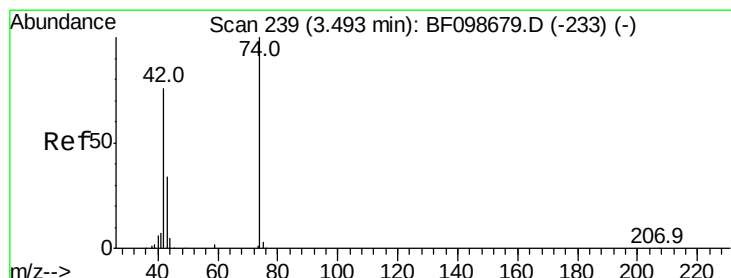
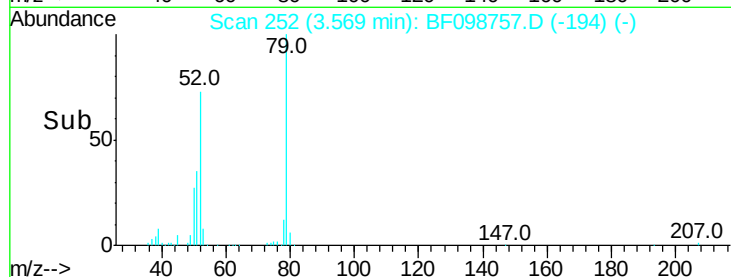
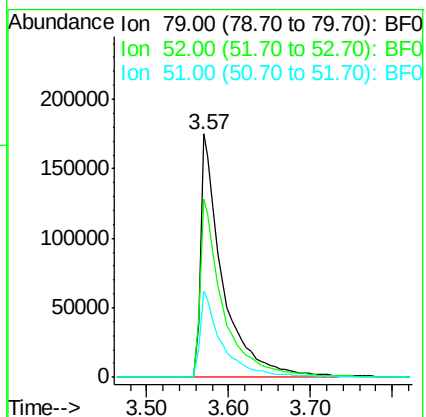
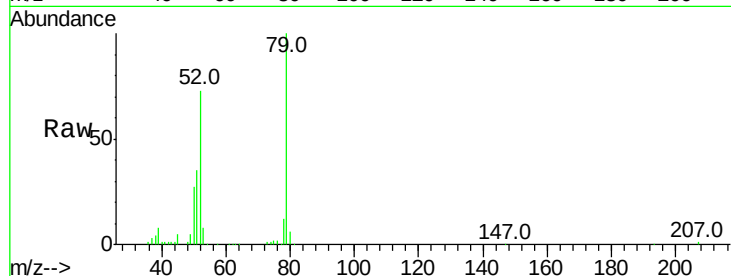
Tot Ion: 79 Resp: 329344

Ion Ratio Lower Upper

79 100

52 73.4 59.8 89.6

51 35.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 28.954 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.02 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

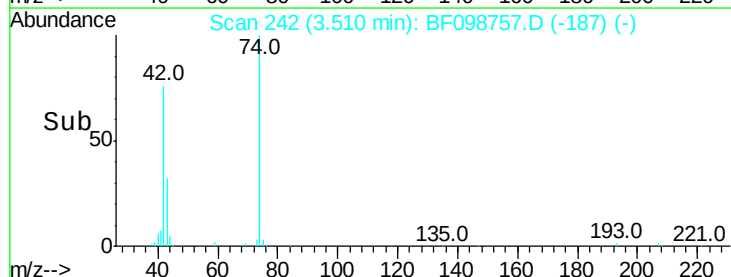
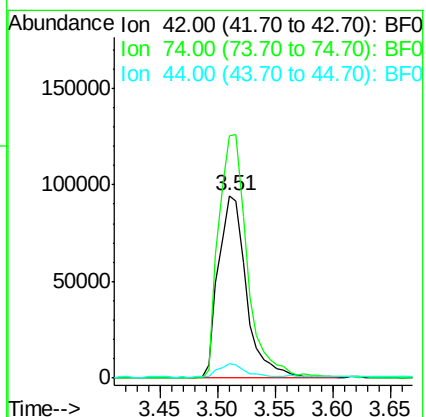
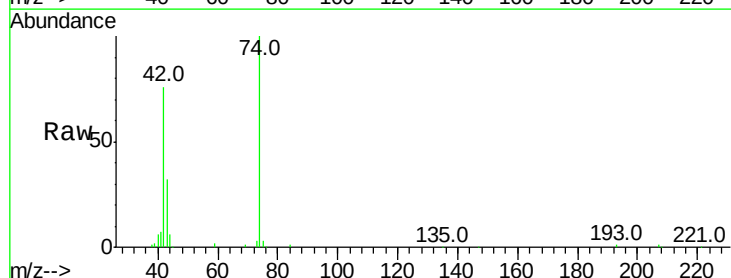
Tgt Ion: 42 Resp: 159727

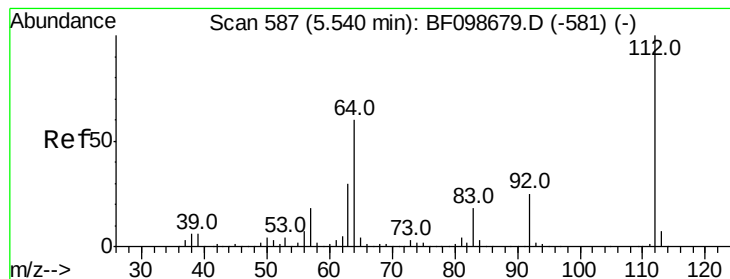
Ion Ratio Lower Upper

42 100

74 132.4 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 87.717 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

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ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

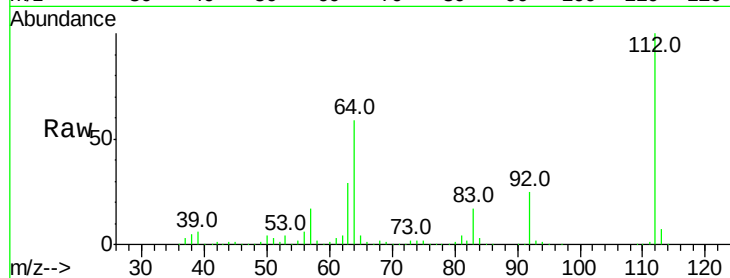
Tot Ion:112 Resp: 883066

Ion Ratio Lower Upper

112 100

64 59.3 47.9 71.9

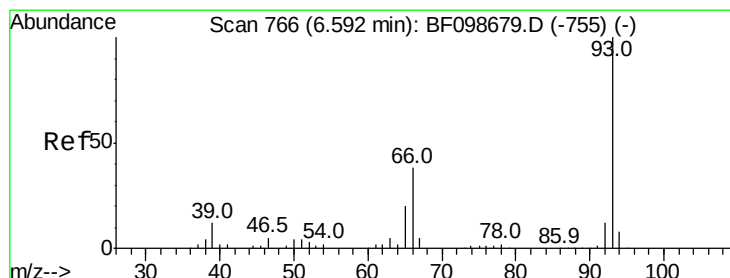
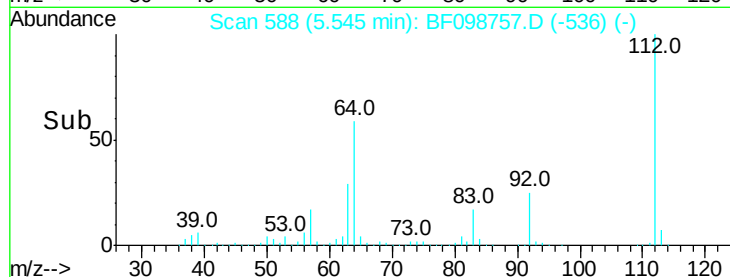
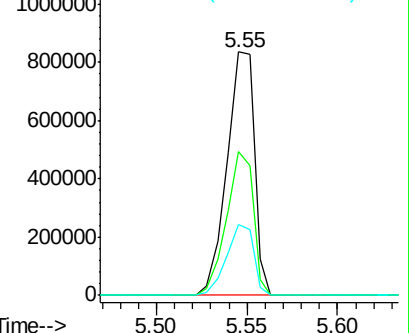
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.917 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

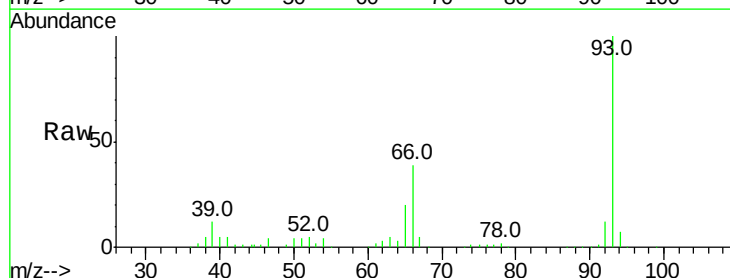
Tgt Ion: 93 Resp: 367361

Ion Ratio Lower Upper

93 100

66 38.7 32.2 48.2

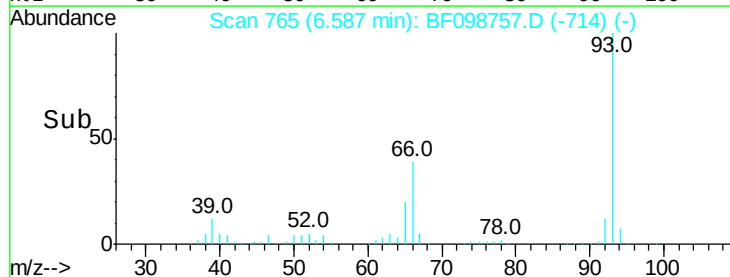
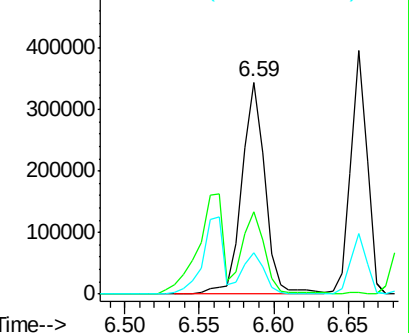
65 19.8 16.4 24.6

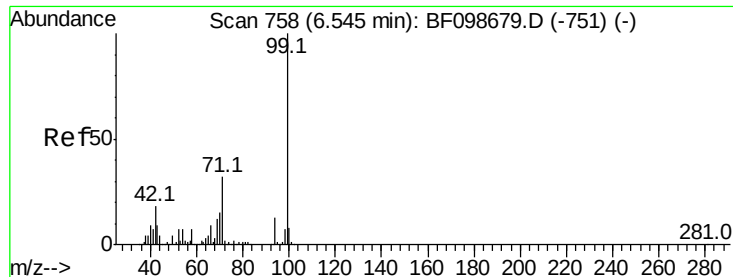


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.342 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098757.D

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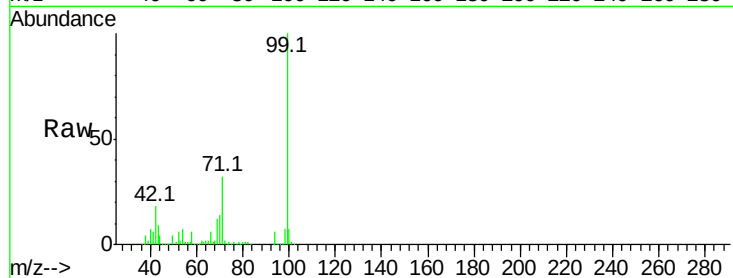
Tot Ion: 99 Resp: 1047451

Ion Ratio Lower Upper

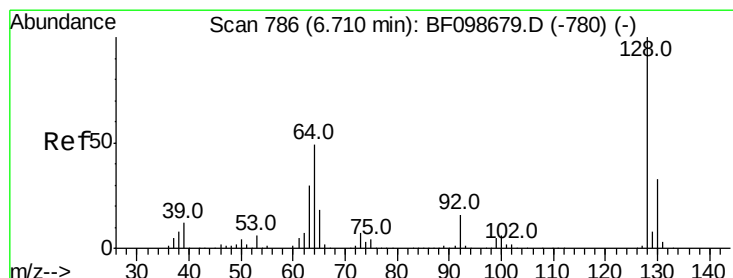
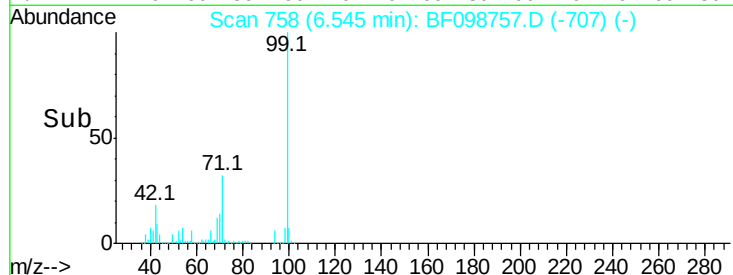
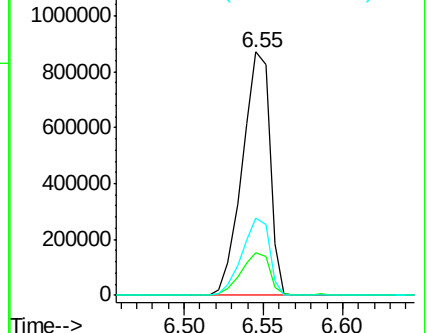
99 100

42 17.7 14.5 21.7

71 31.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 27.683 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

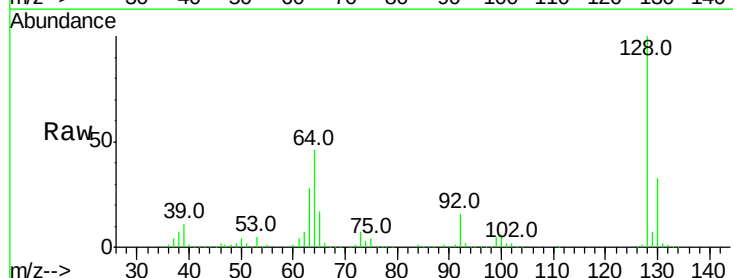
Tgt Ion: 128 Resp: 315608

Ion Ratio Lower Upper

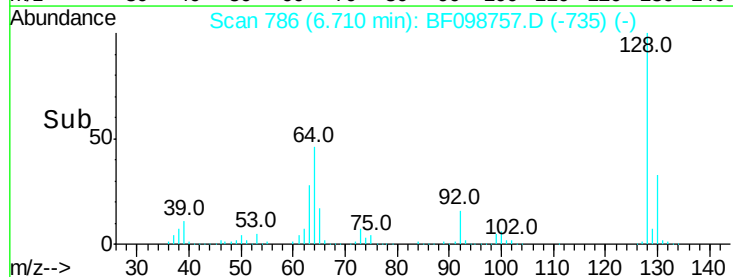
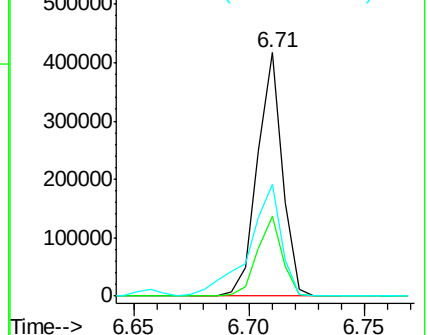
128 100

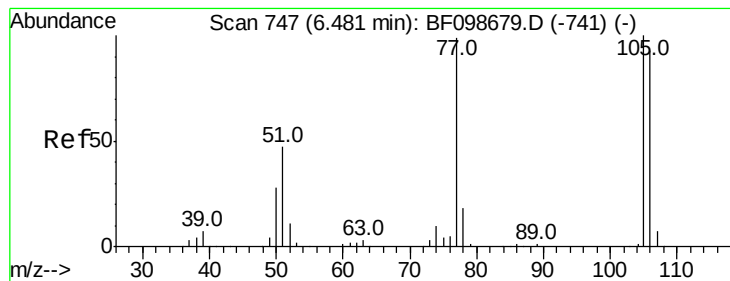
130 32.8 13.0 53.0

64 46.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.371 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

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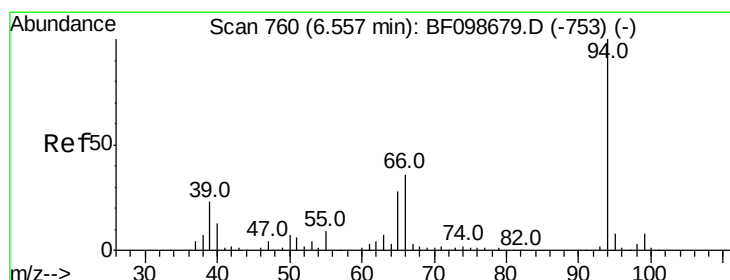
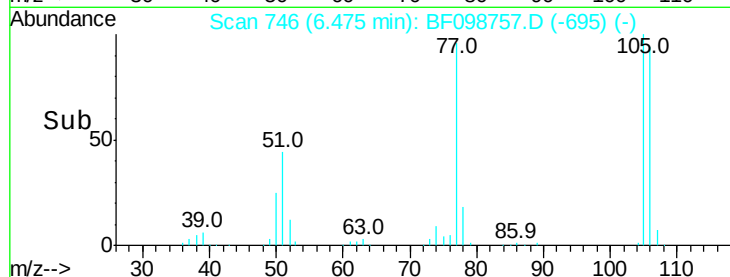
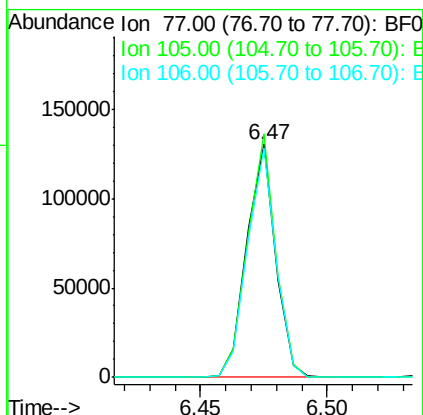
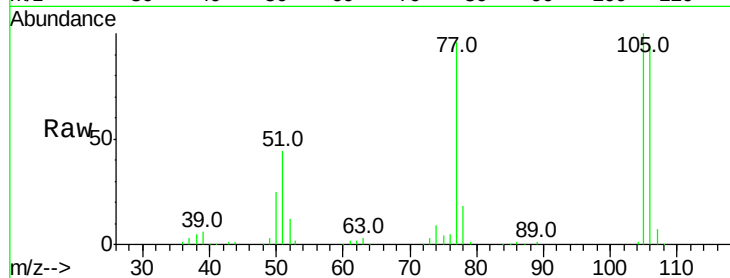
Tot Ion: 77 Resp: 103528

Ion Ratio Lower Upper

77 100

105 104.6 81.1 121.1

106 98.8 74.5 114.5



#10

Phenol

Concen: 30.503 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

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Acq: 23 Sep 2017 23:49

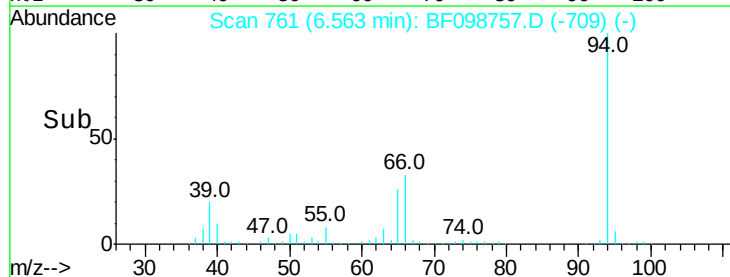
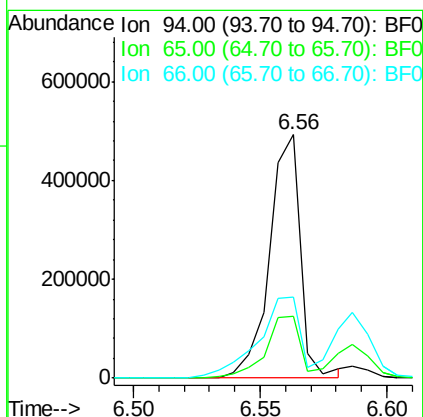
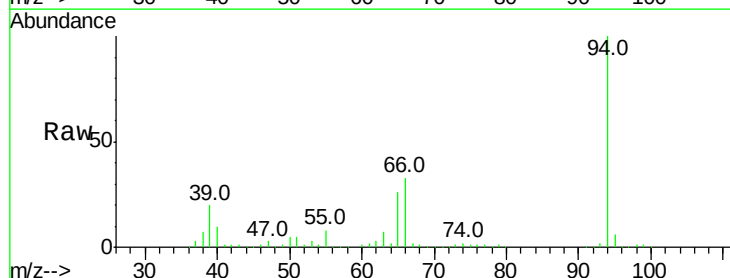
Tgt Ion: 94 Resp: 423658

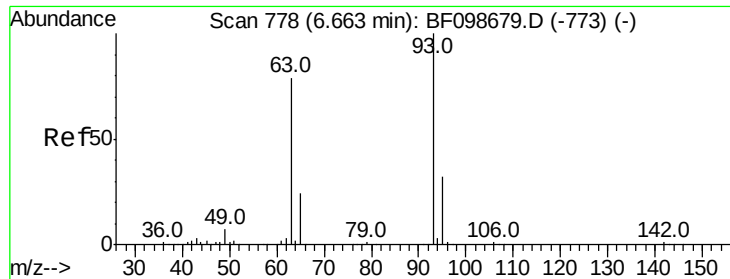
Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

66 33.1 16.2 56.2

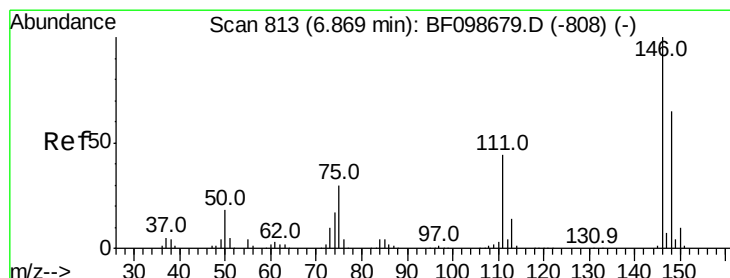
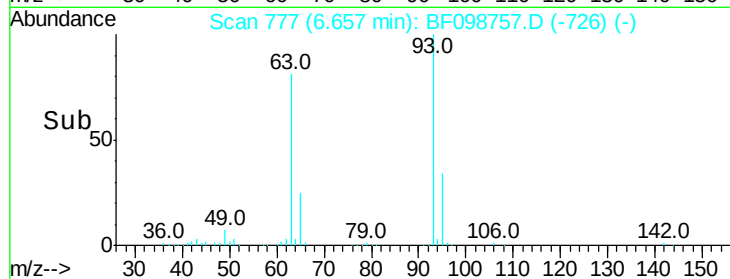
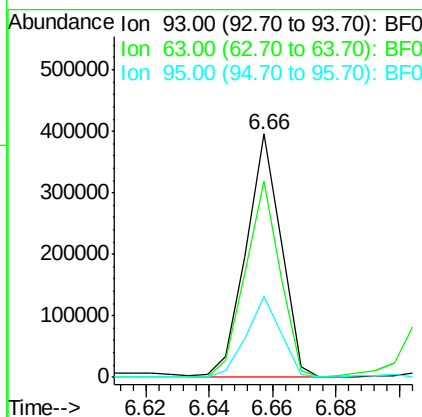
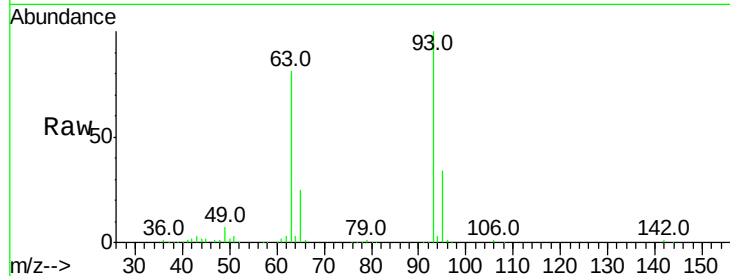




#11
bis(2-Chloroethyl)ether
Concen: 28.029 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

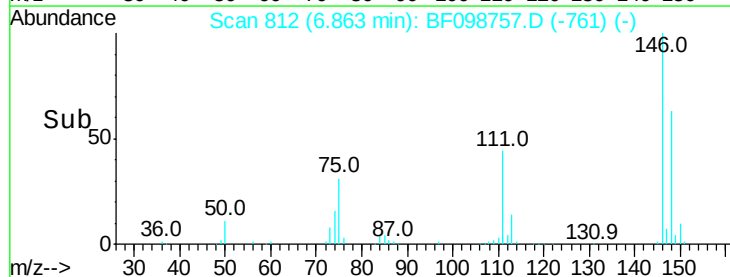
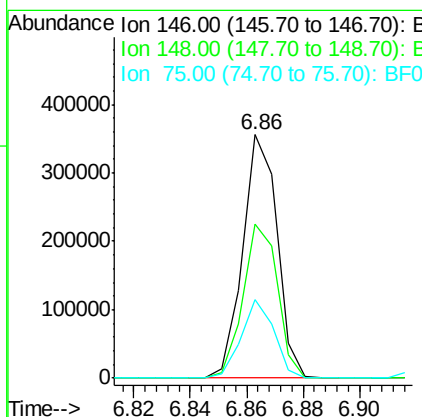
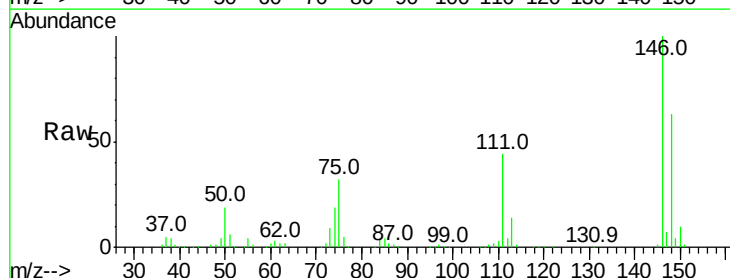
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

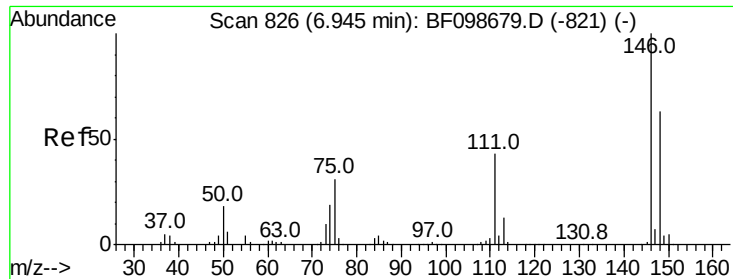
Tot Ion: 93 Resp: 302647
Ion Ratio Lower Upper
93 100
63 80.6 58.6 98.6
95 33.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 25.151 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion: 146 Resp: 300293
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 32.1 24.2 36.4

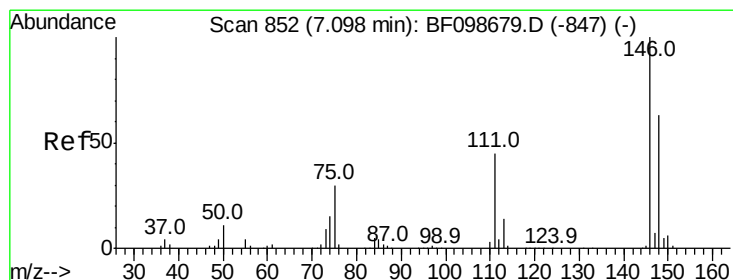
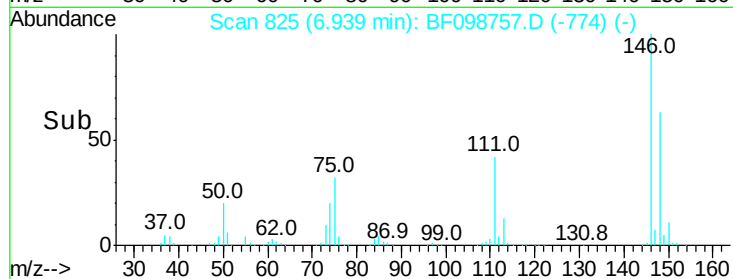
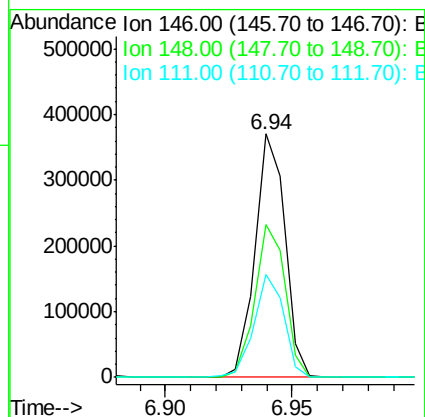
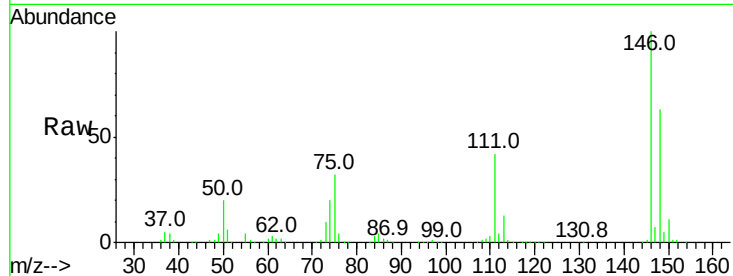




#13
 1,4-Dichlorobenzene
 Concen: 25.212 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

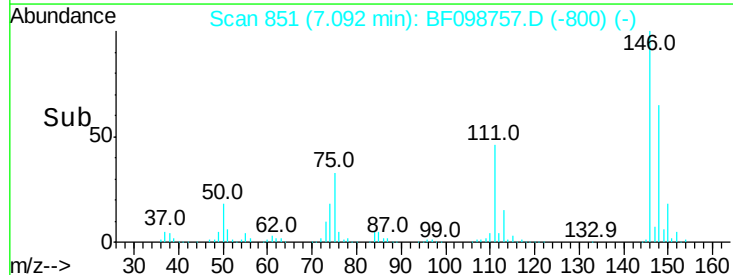
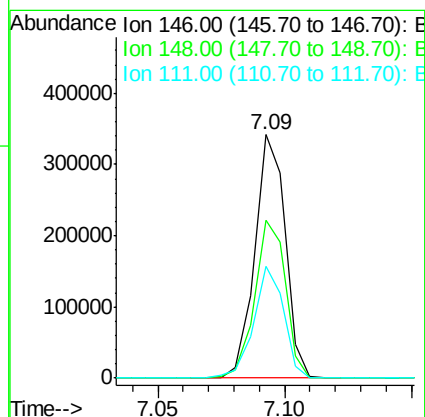
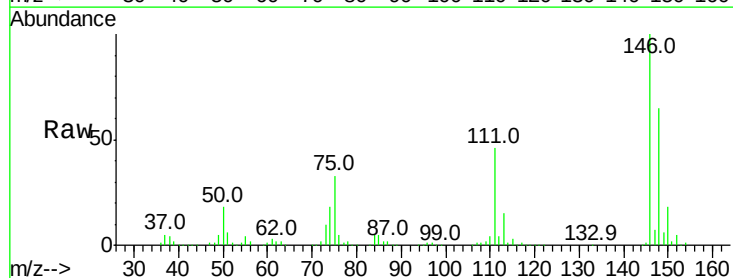
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MS

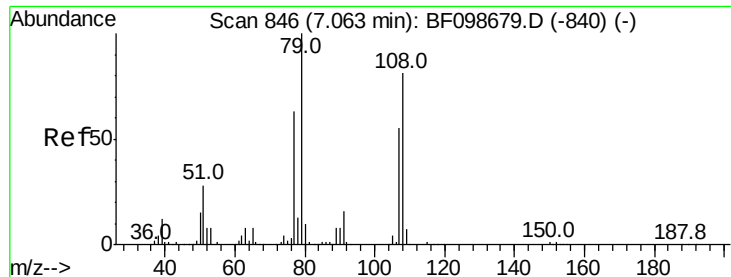
Tot Ion:146 Resp: 306272
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 42.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 25.476 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Tgt Ion:146 Resp: 285955
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 45.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 29.413 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

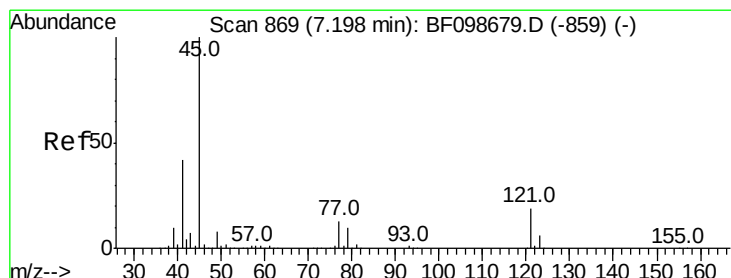
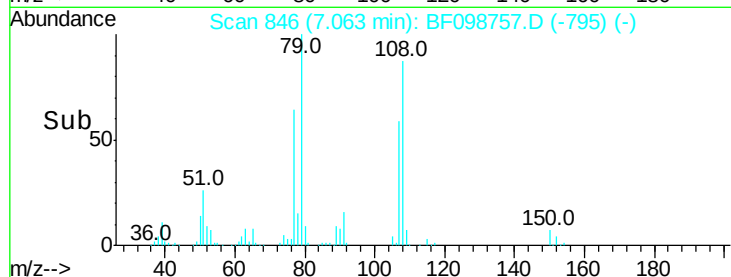
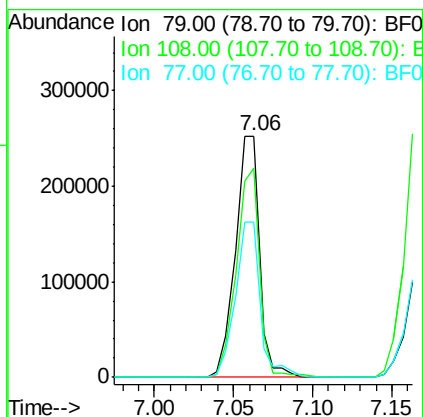
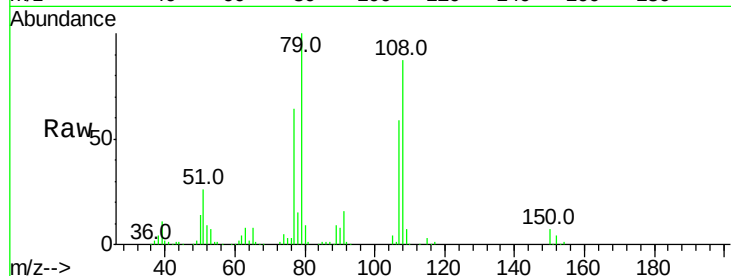
Tot Ion: 79 Resp: 267973

Ion Ratio Lower Upper

79 100

108 86.8 65.1 97.7

77 64.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.437 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

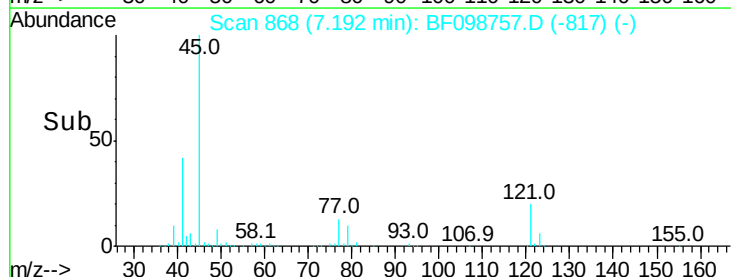
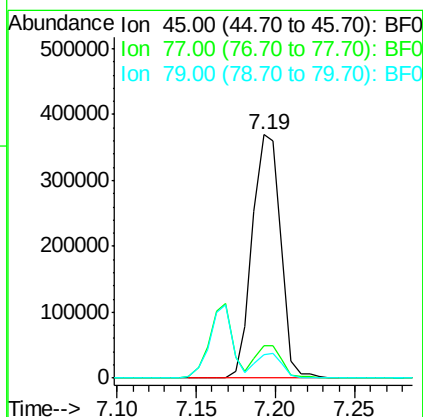
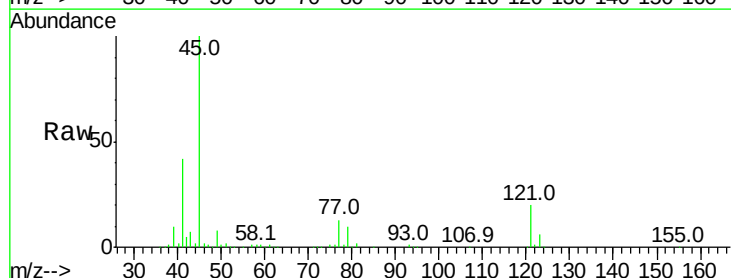
Tgt Ion: 45 Resp: 461561

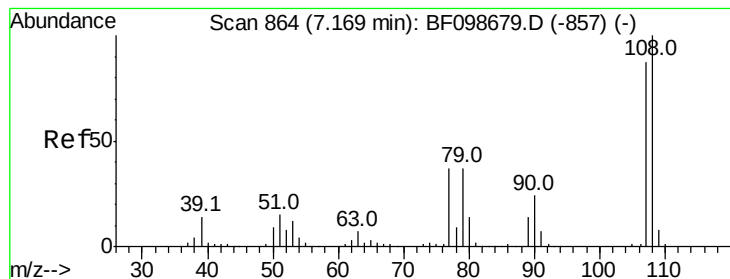
Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.9

79 9.7 0.0 29.6

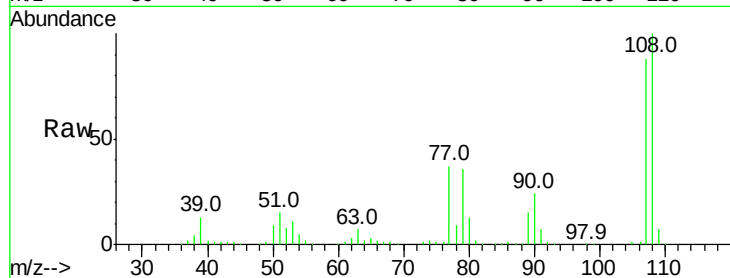




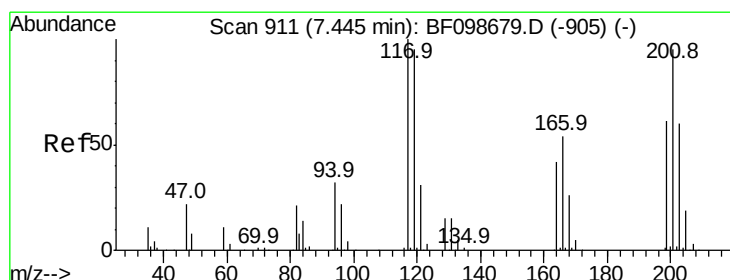
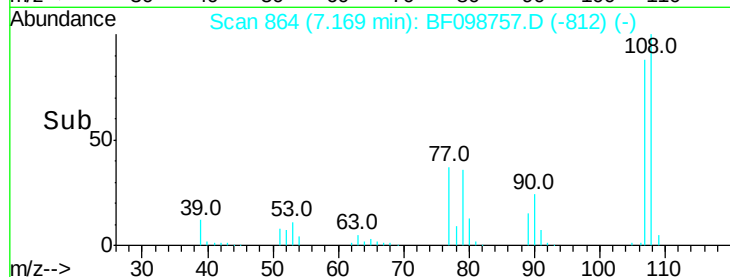
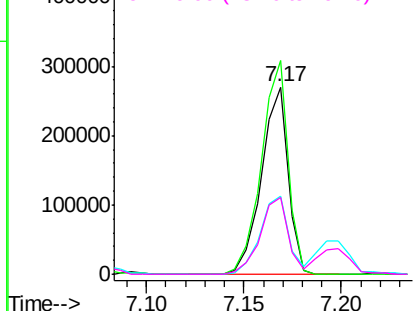
#17
 2-Methylphenol
 Concen: 27.456 ng
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MS

Tot Ion:	107	Resp:	256119
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	41.7	33.8	50.8
79	40.9	33.8	50.8

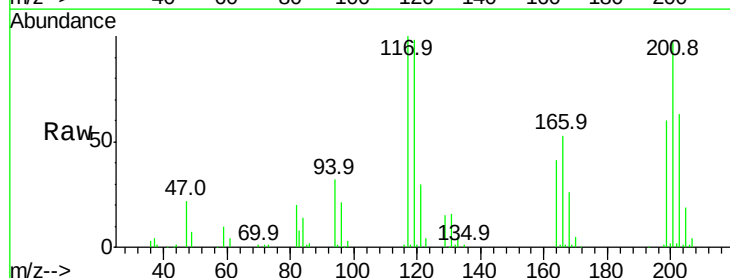


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

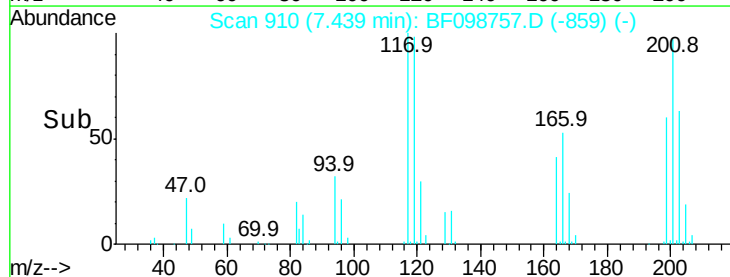
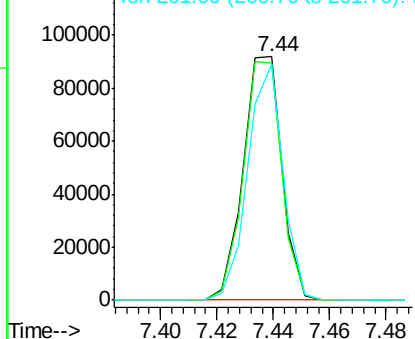


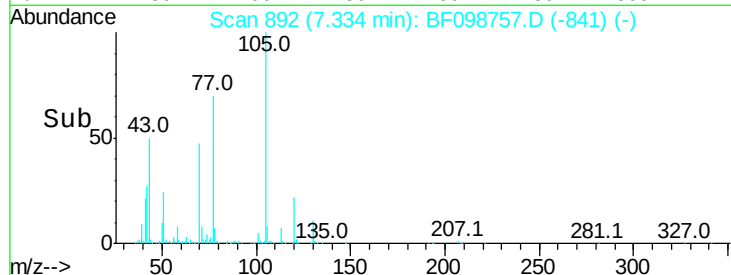
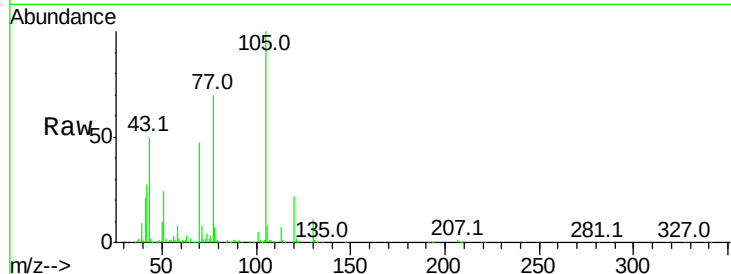
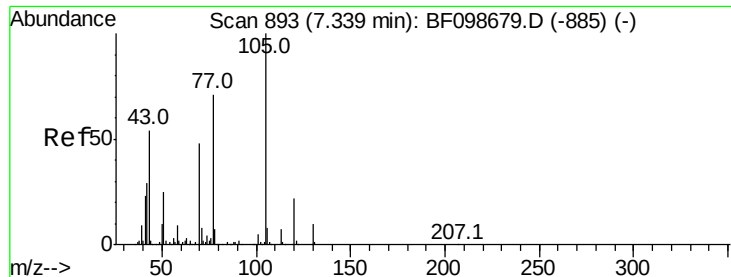
#18
 Hexachloroethane
 Concen: 20.000 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Tgt Ion:	117	Resp:	87329
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
201	97.1	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

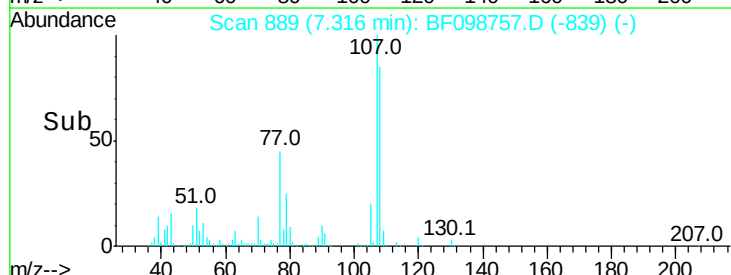
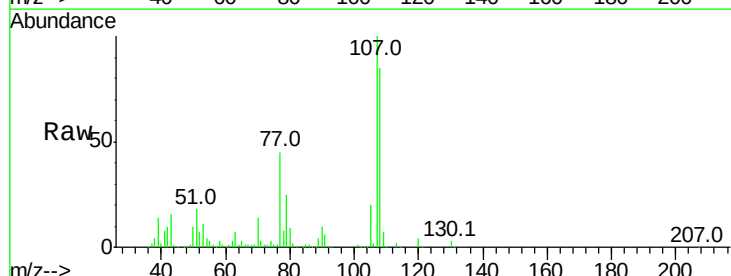
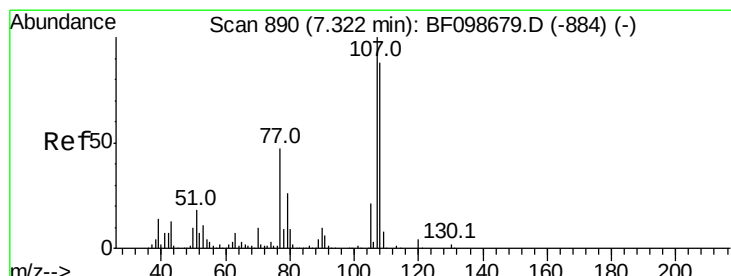
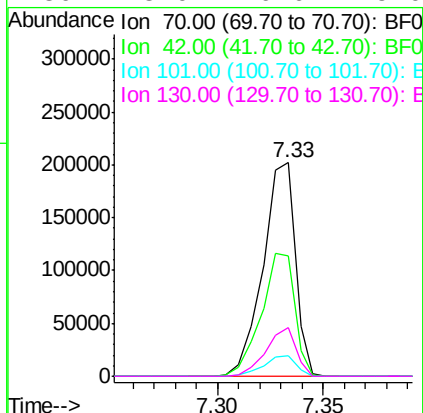




#19
n-Nitroso-di-n-propylamine
Concen: 27.219 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

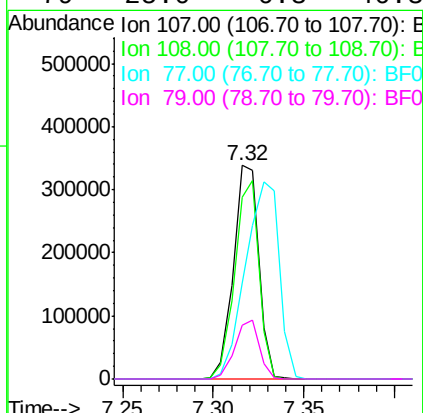
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

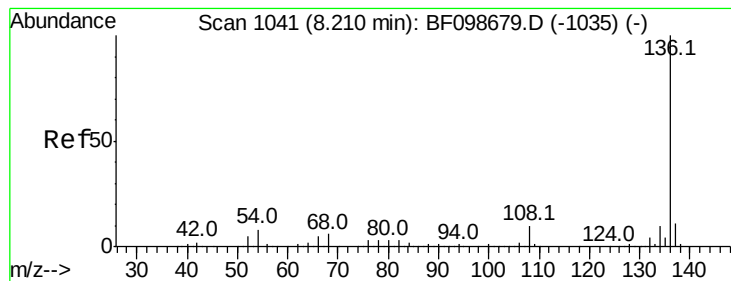
Tot Ion:	70	Resp:	215819
Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.5	71.3
101	9.7	7.4	11.2
130	23.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 27.933 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:	107	Resp:	329636
Ion	Ratio	Lower	Upper
107	100		
108	85.1	68.2	108.2
77	45.1	26.7	66.7
79	25.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

Tot Ion:136 Resp: 622949

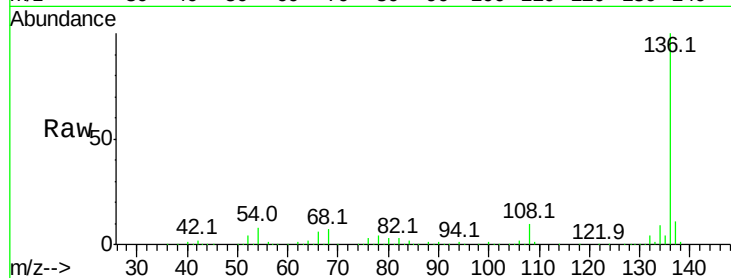
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.4 6.6 9.8

68 6.5 5.0 7.4

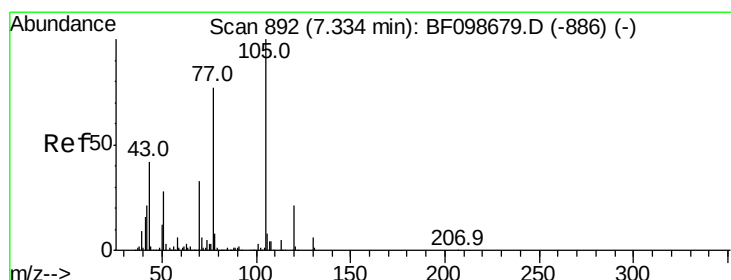
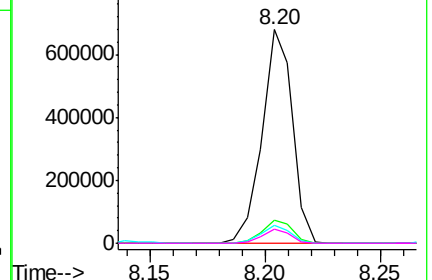
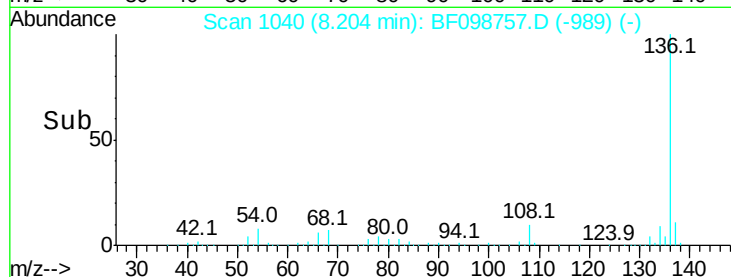


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 28.362 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Tgt Ion:105 Resp: 428065

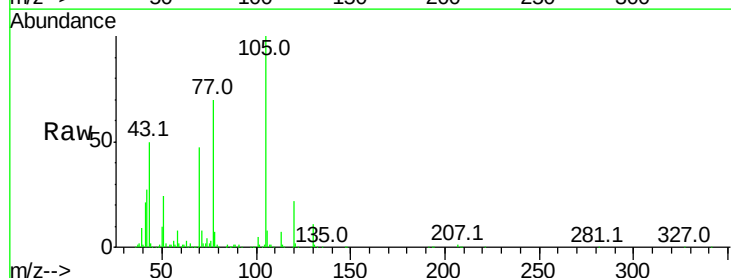
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 23.7 22.3 33.5

120 21.7 16.9 25.3

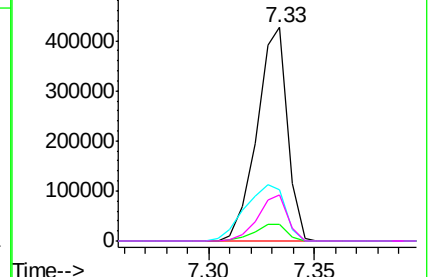
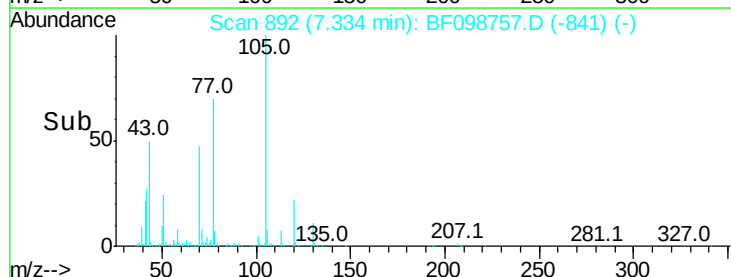


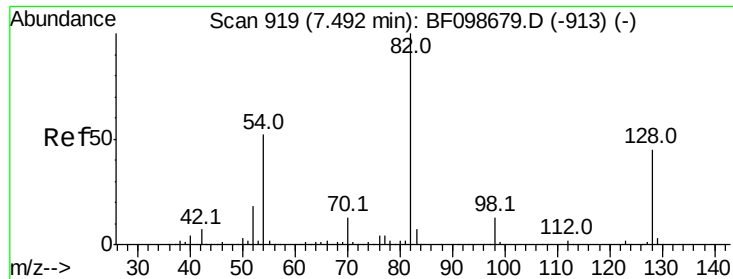
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

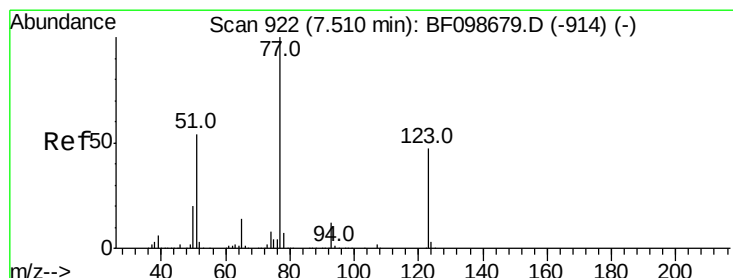
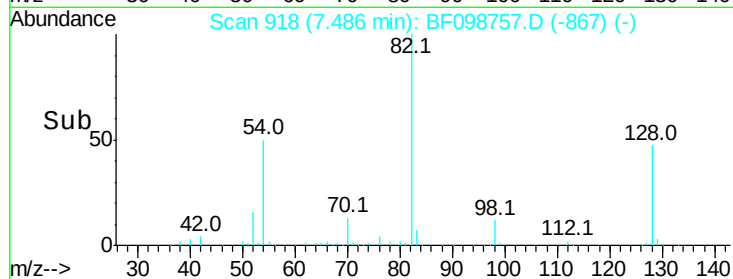
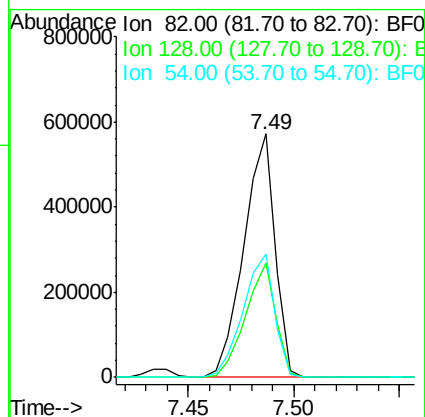
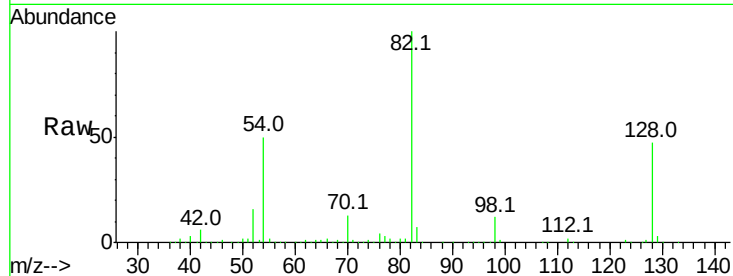




#23
Nitrobenzene-d5
Concen: 60.374 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

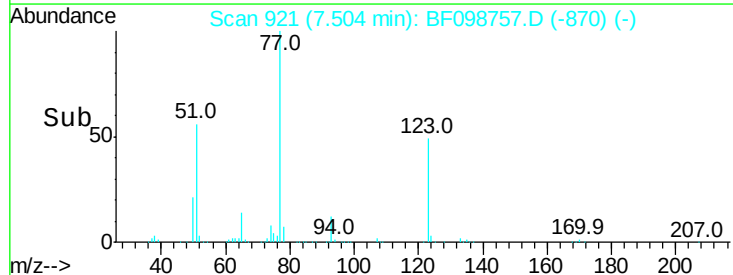
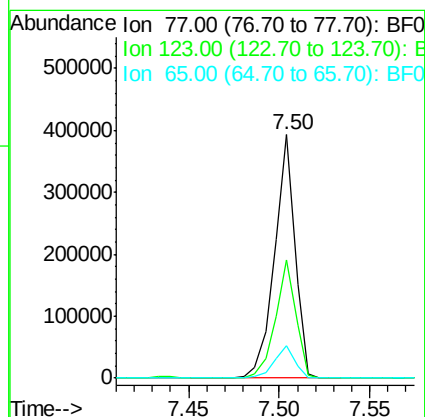
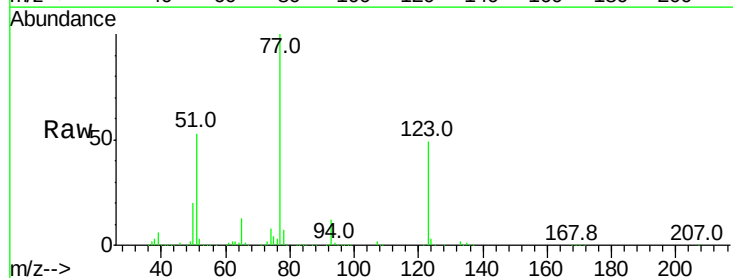
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

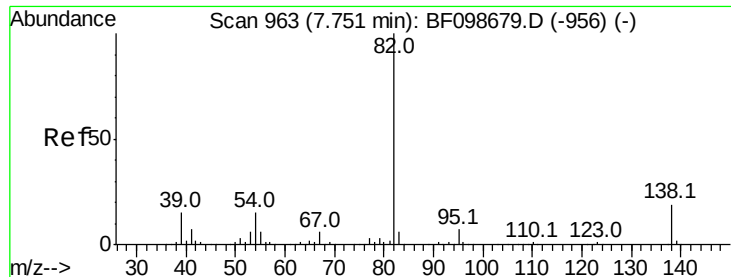
Tot Ion	82	Resp	586467
Ion Ratio	100		
Lower		36.1	
Upper		54.1	
54	50.5	41.4	62.2



#24
Nitrobenzene
Concen: 27.983 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion	77	Resp	308346
Ion Ratio	100		
Lower		37.9	
Upper		56.9	
123	48.6	11.0	16.4
65	13.1		





#25

Isophorone

Concen: 28.259 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

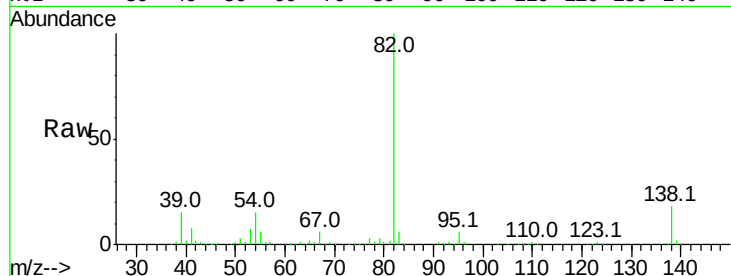
Tot Ion: 82 Resp: 567541

Ion Ratio Lower Upper

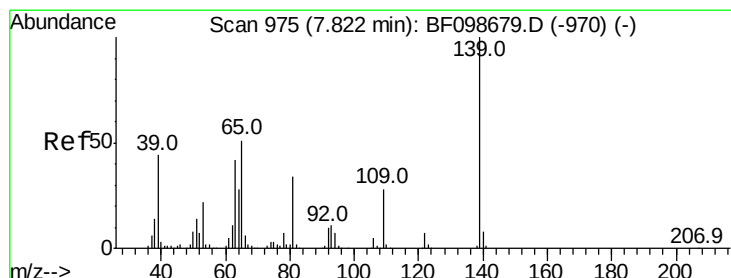
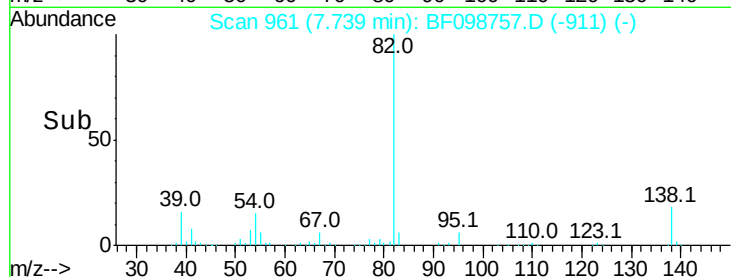
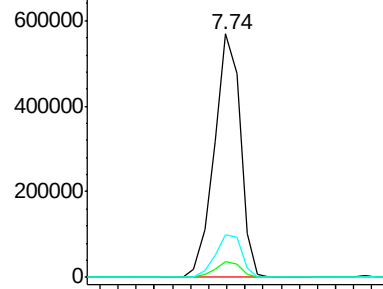
82 100

95 6.4 5.2 7.8

138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 24.714 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

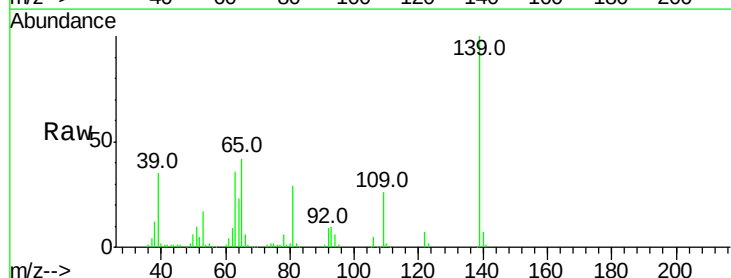
Tgt Ion: 139 Resp: 130953

Ion Ratio Lower Upper

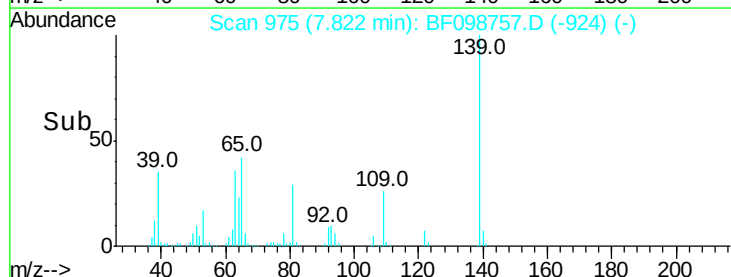
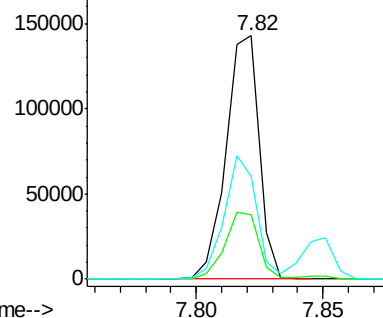
139 100

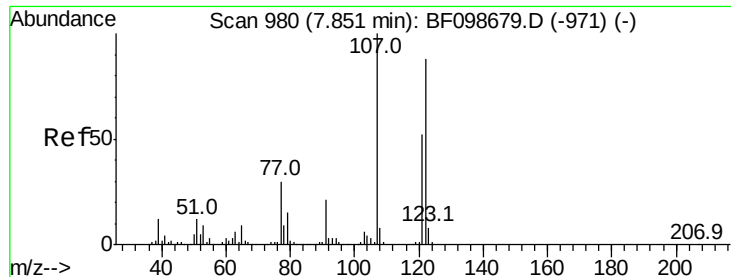
109 26.4 22.7 34.1

65 42.3 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 25.197 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

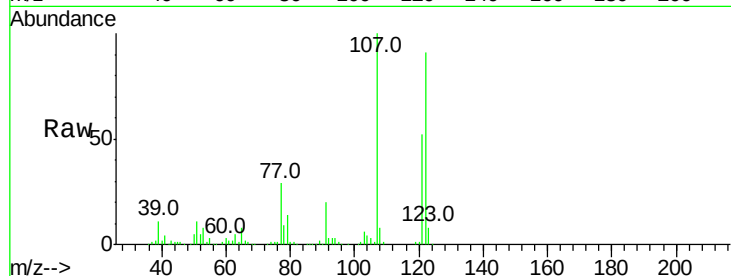
Tot Ion:122 Resp: 252145

Ion Ratio Lower Upper

122 100

107 110.5 91.2 136.8

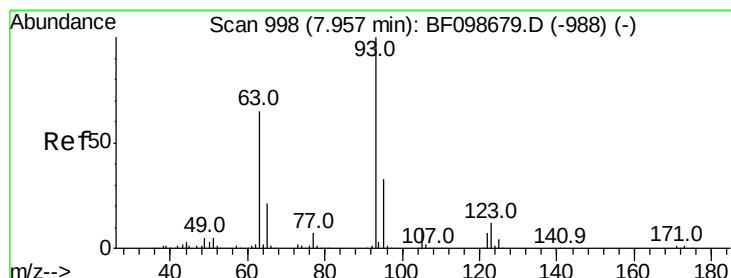
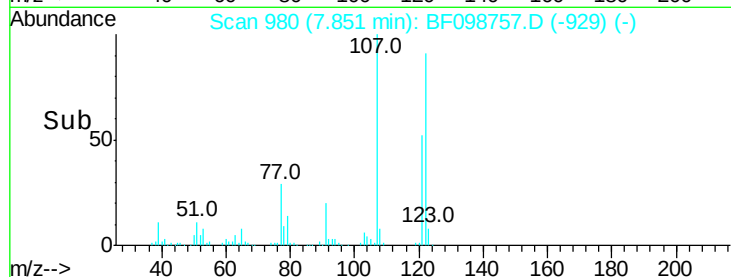
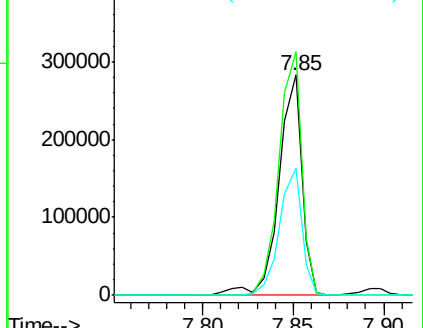
121 57.8 47.2 70.8



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: 30.005 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

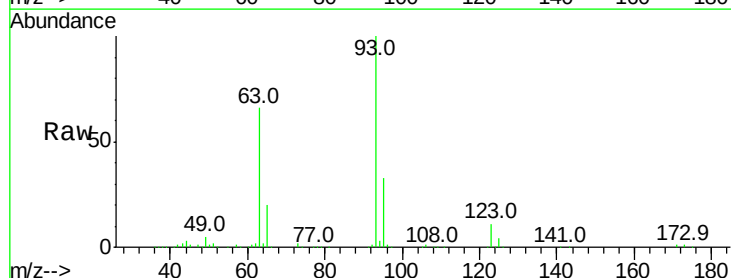
Tgt Ion: 93 Resp: 375527

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

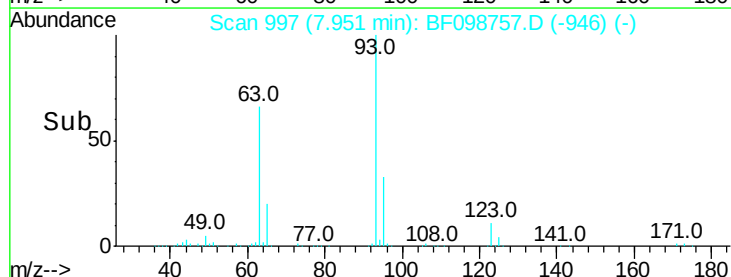
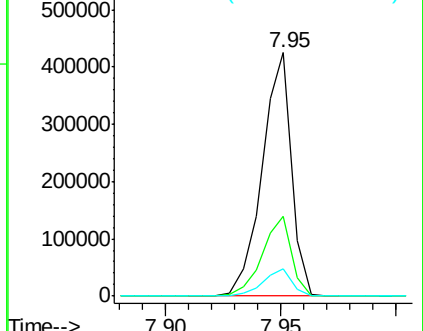
123 11.0 9.8 14.6

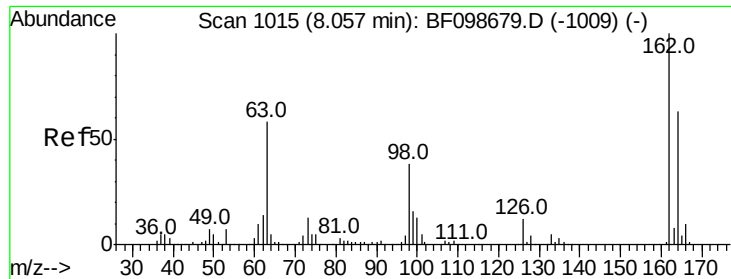


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

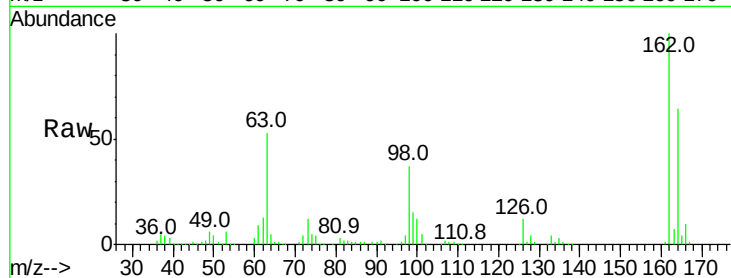




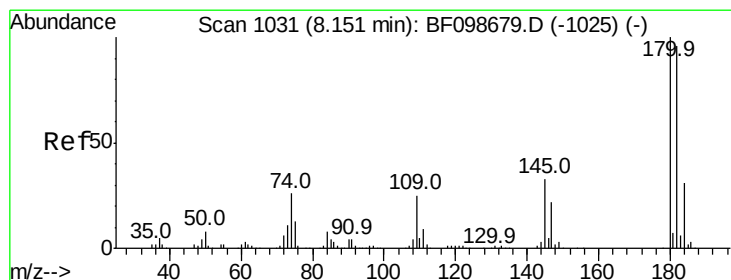
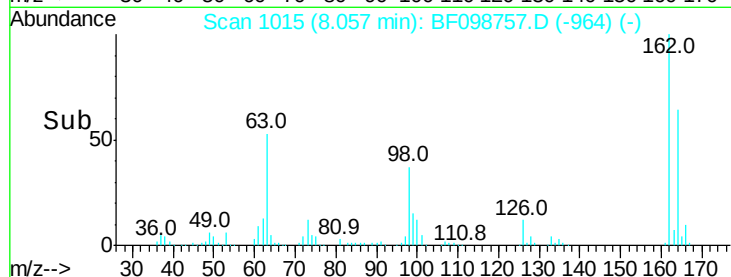
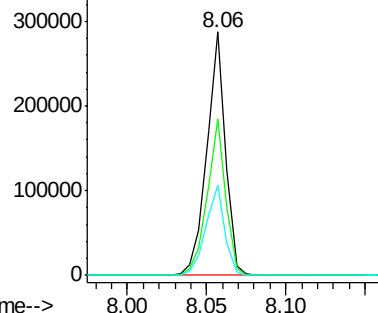
#29
 2,4-Dichlorophenol
 Concen: 27.404 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	36.9	18.1	58.1

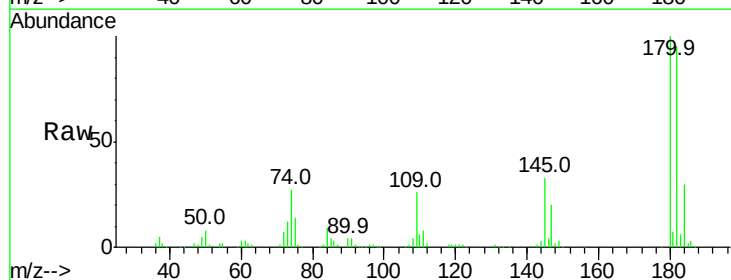


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

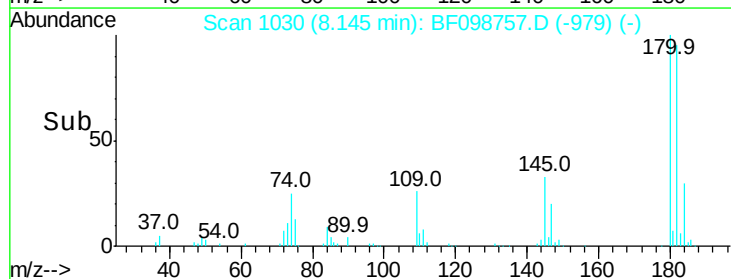
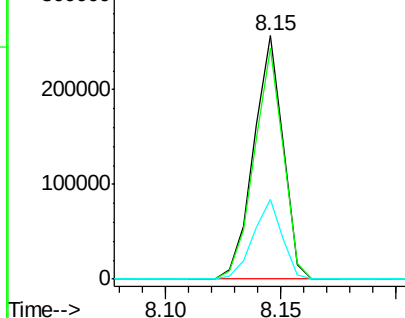


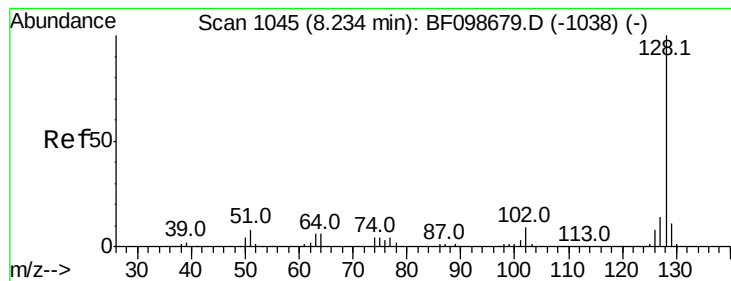
#30
 1,2,4-Trichlorobenzene
 Concen: 26.504 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	32.9	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: 27.008 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

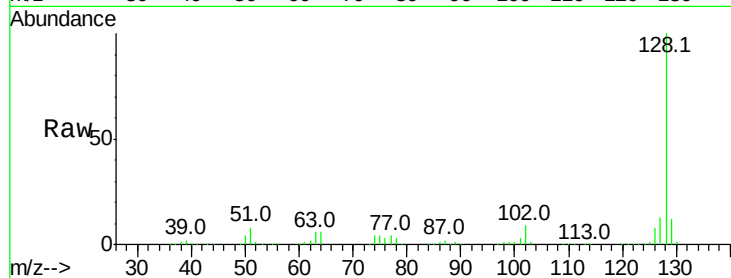
Tot Ion:128 Resp: 790188

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

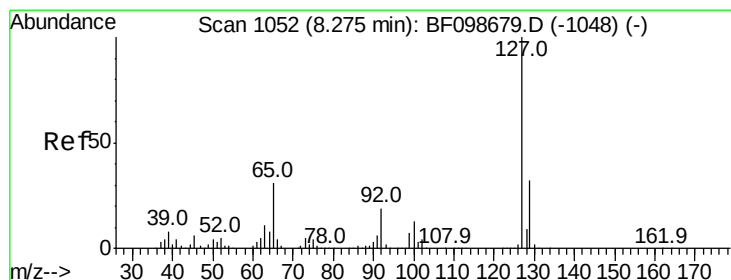
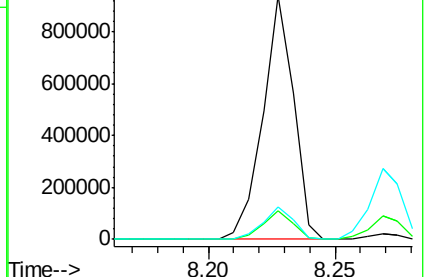
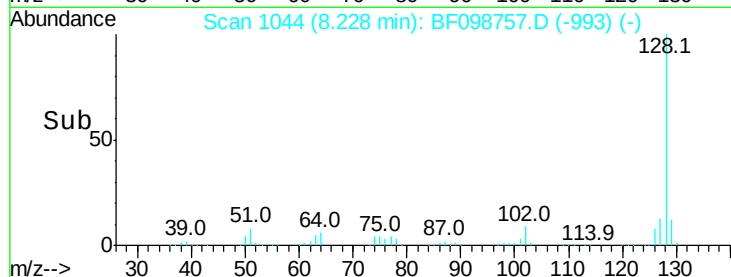
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 20.085 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Tgt Ion:127 Resp: 245399

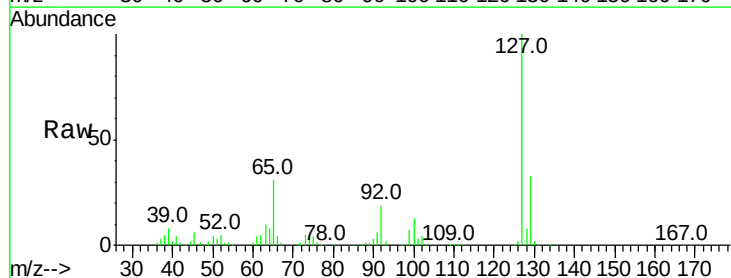
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 31.1 25.0 37.4

92 19.3 15.2 22.8

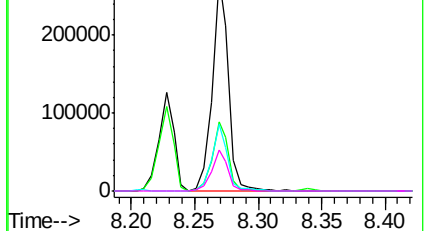
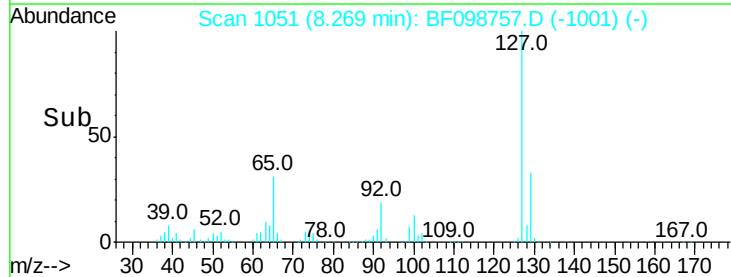


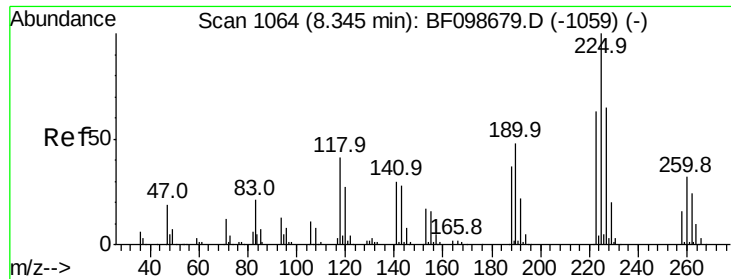
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 25.663 ng

RT: 8.34 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

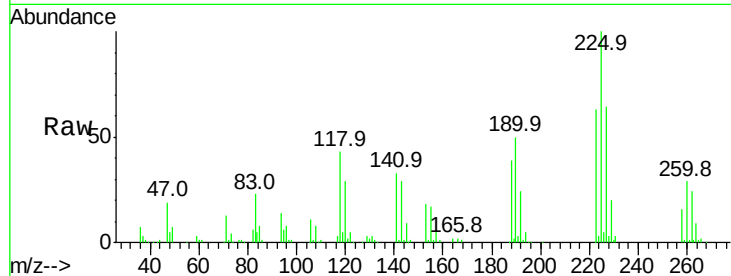
Tot Ion:225 Resp: 113585

Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

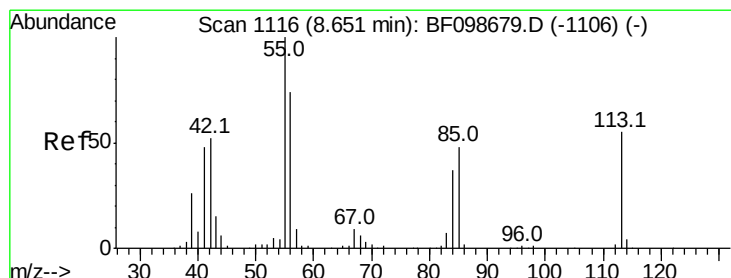
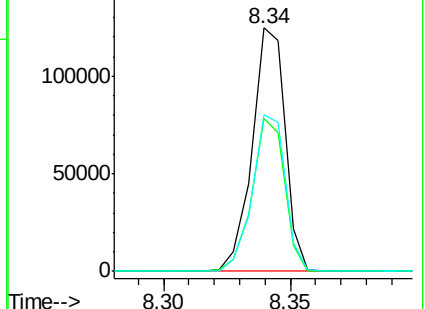
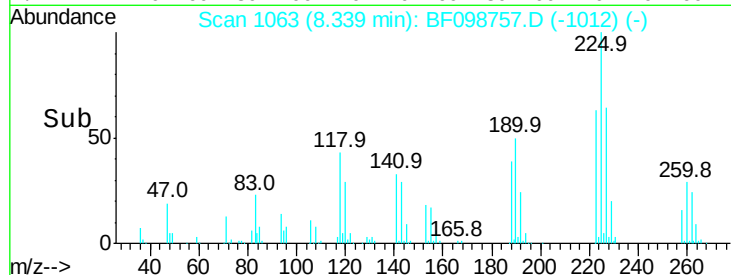
227 64.2 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 22.669 ng

RT: 8.63 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

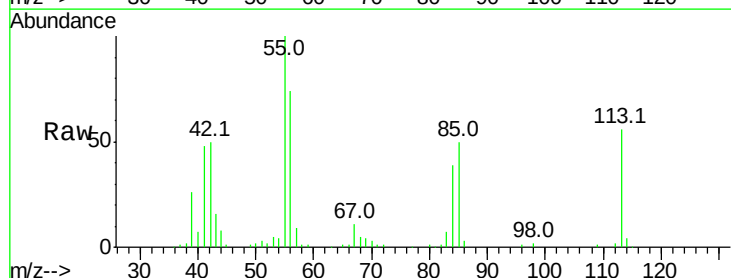
Tgt Ion:113 Resp: 62474

Ion Ratio Lower Upper

113 100

55 177.5 163.3 203.3

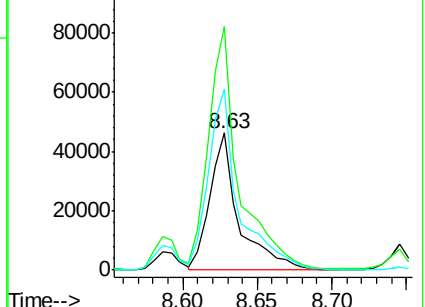
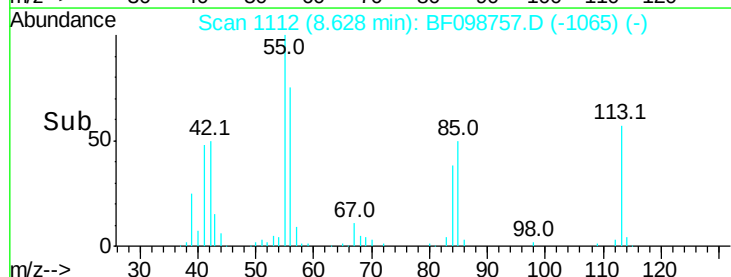
56 131.8 115.7 155.7

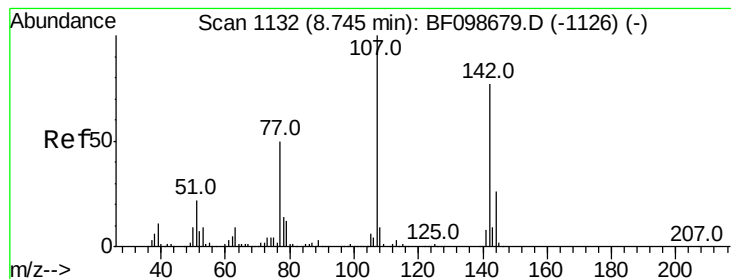


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 25.365 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

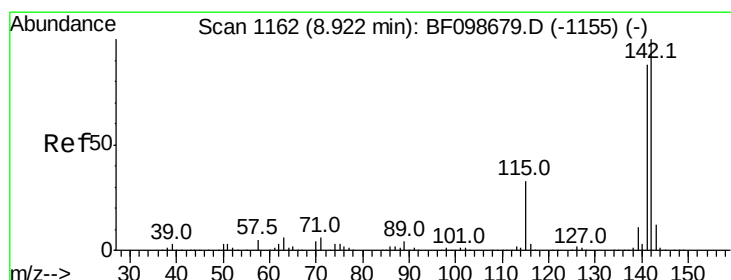
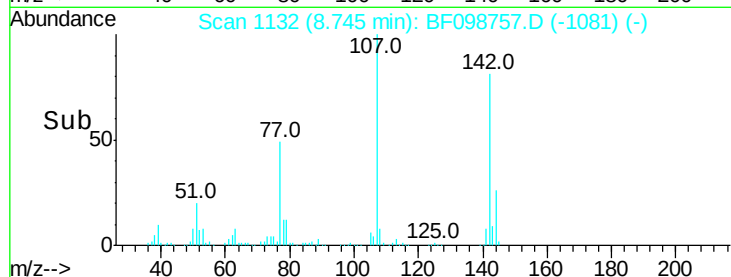
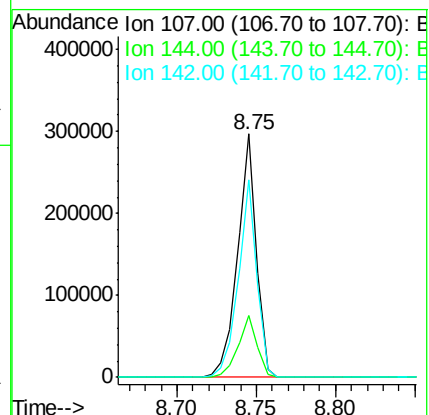
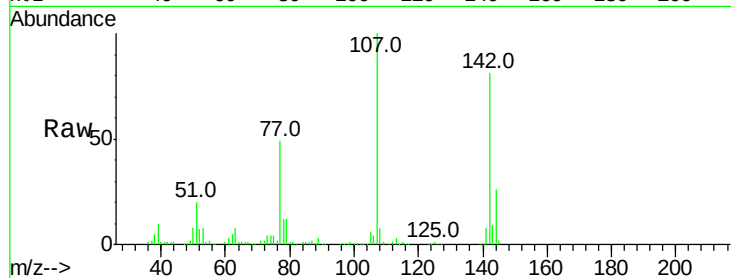
Tot Ion:107 Resp: 244949

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

142 81.0 62.0 93.0



#37

2-Methylnaphthalene

Concen: 27.069 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

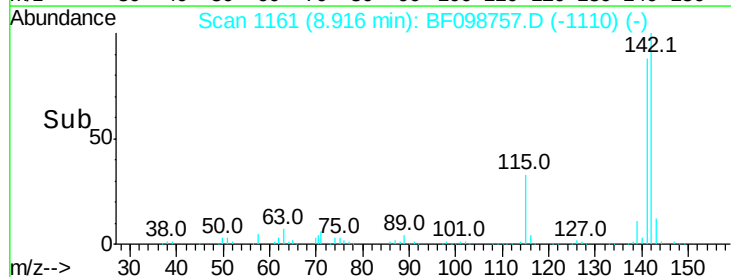
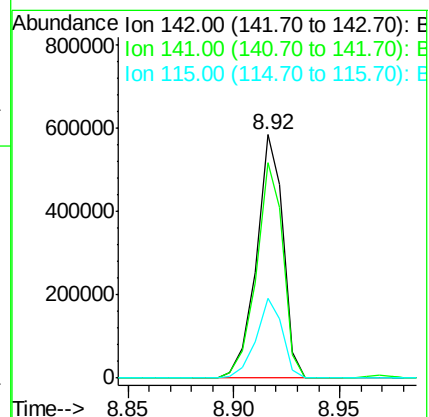
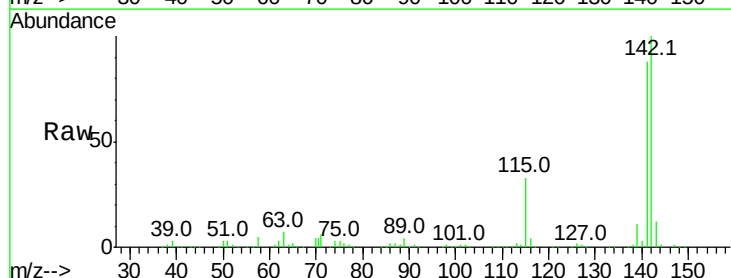
Tgt Ion:142 Resp: 514839

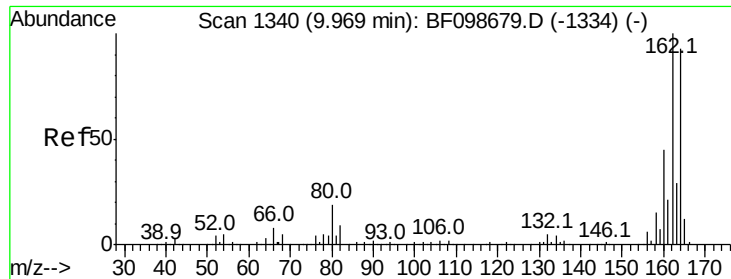
Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

115 33.0 26.1 39.1

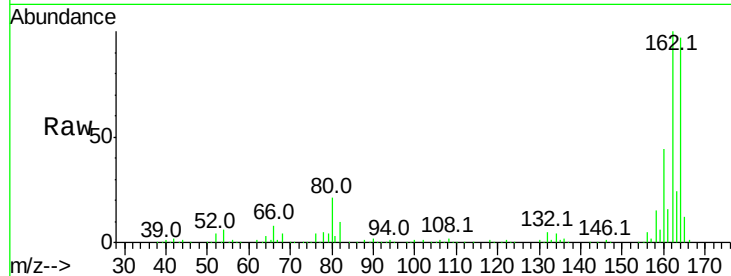




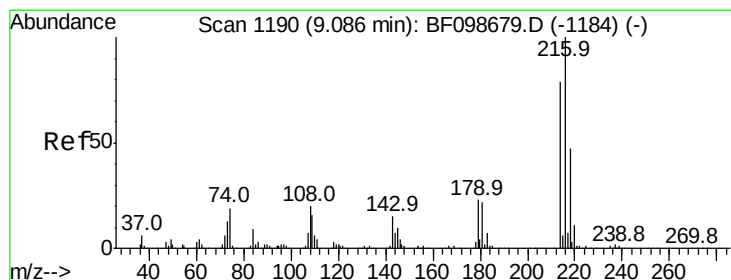
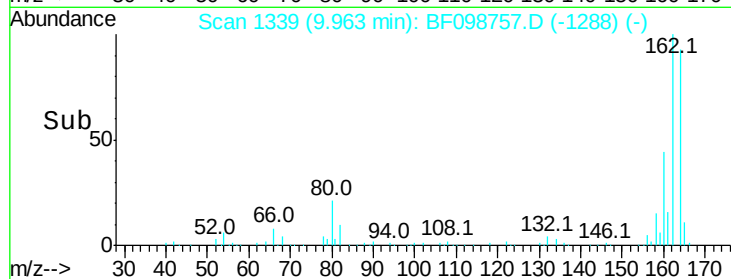
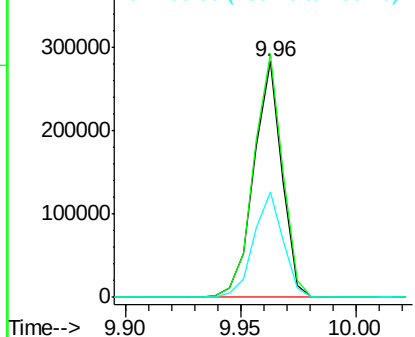
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

Tot Ion:164 Resp: 240438
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 45.0 38.3 57.5

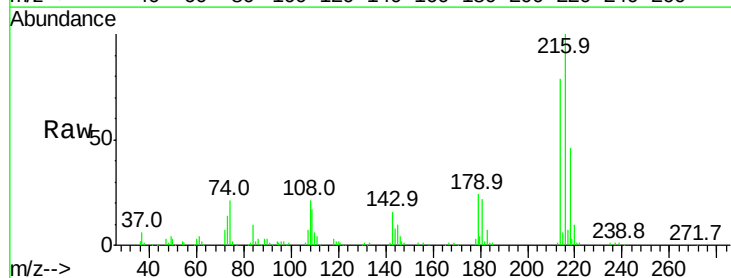


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

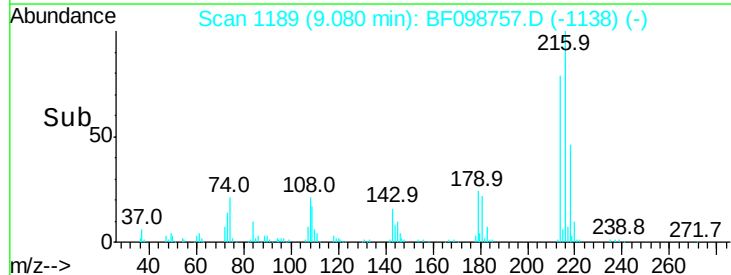
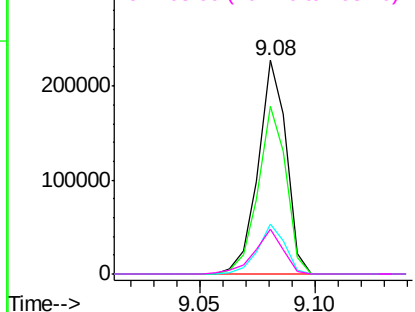


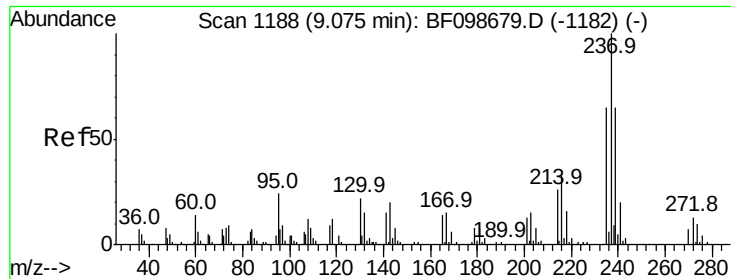
#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.028 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:216 Resp: 193808
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 22.7 18.1 27.1
108 21.1 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

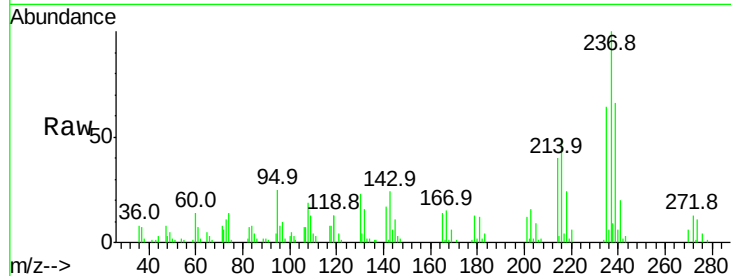




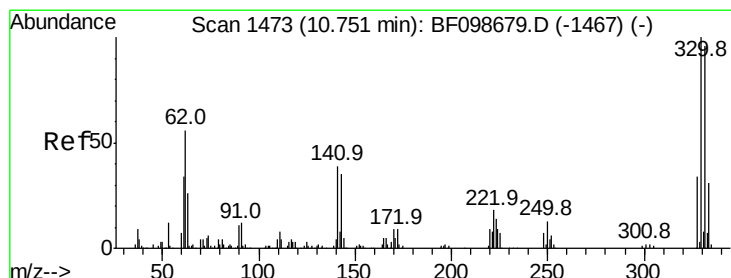
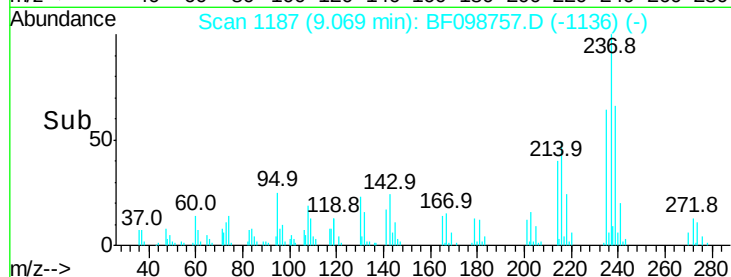
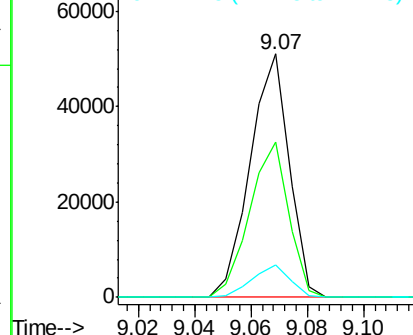
#40
Hexachlorocyclopentadiene
Concen: 14.938 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

Tot Ion:237 Resp: 48952
Ion Ratio Lower Upper
237 100
235 63.8 44.8 84.8
272 13.4 0.0 33.3

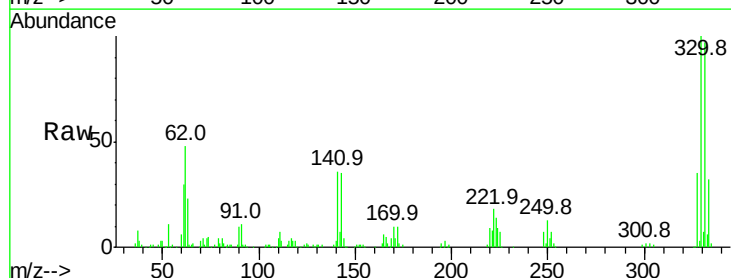


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

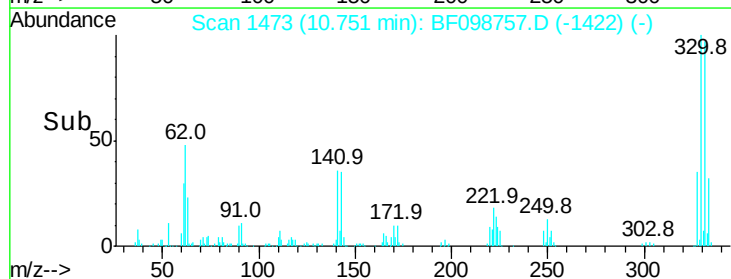
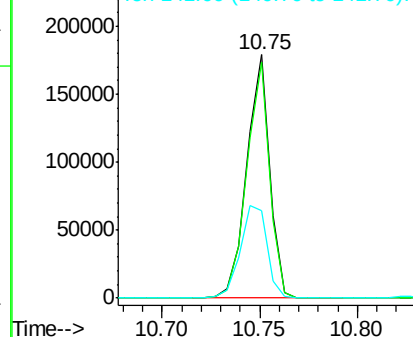


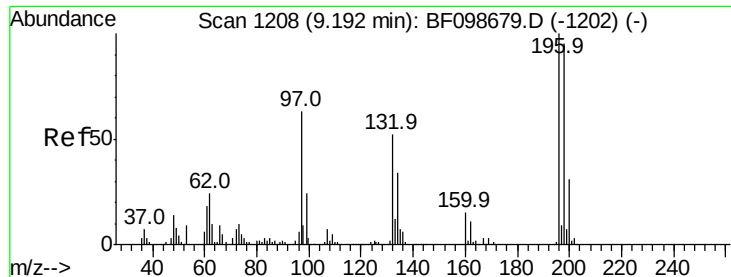
#41
2,4,6-Tribromophenol
Concen: 74.223 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:330 Resp: 146029
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 44.2 29.9 44.9



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





#42

2,4,6-Trichlorophenol

Concen: 28.635 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

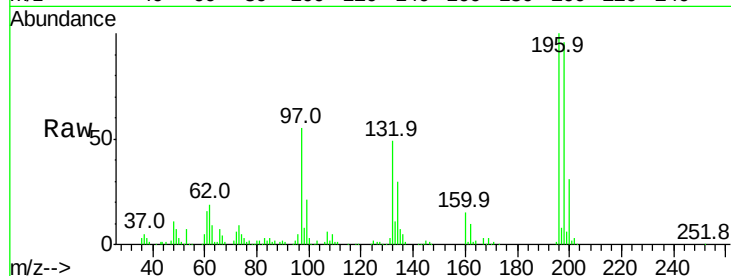
Tot Ion:196 Resp: 145463

Ion Ratio Lower Upper

196 100

198 95.5 75.7 113.5

200 30.6 24.5 36.7

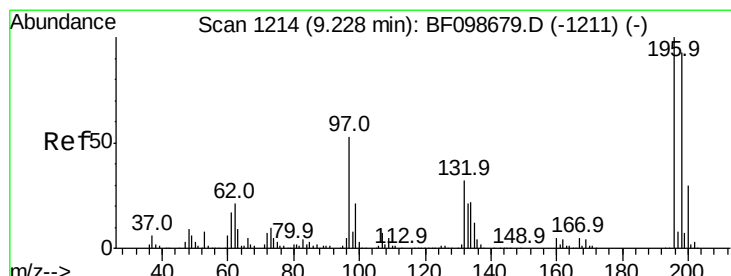
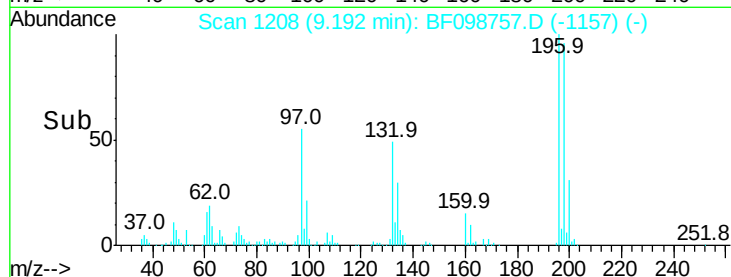
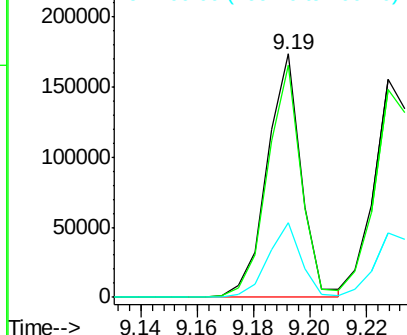


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 28.539 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Tgt Ion:196 Resp: 144720

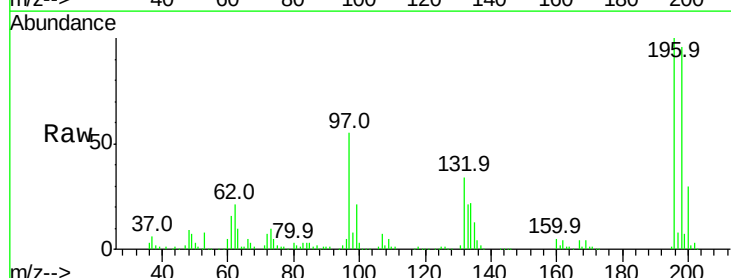
Ion Ratio Lower Upper

196 100

198 95.7 74.6 112.0

97 54.7 42.9 64.3

132 34.1 26.3 39.5



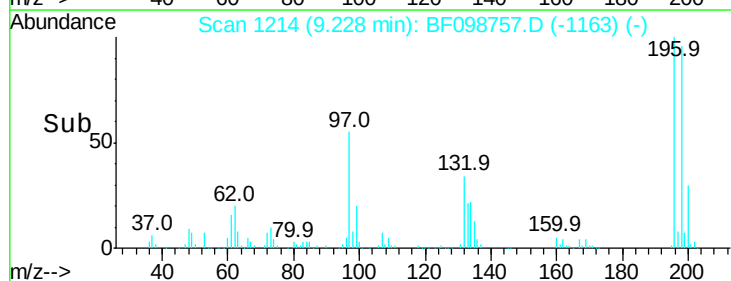
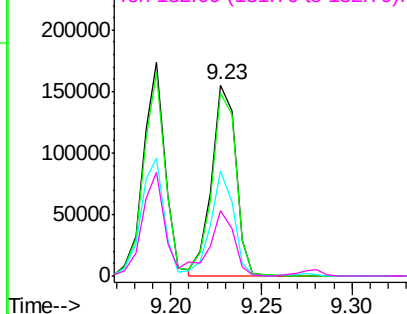
Abundance

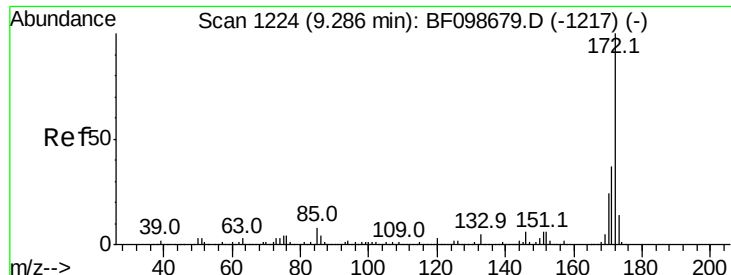
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

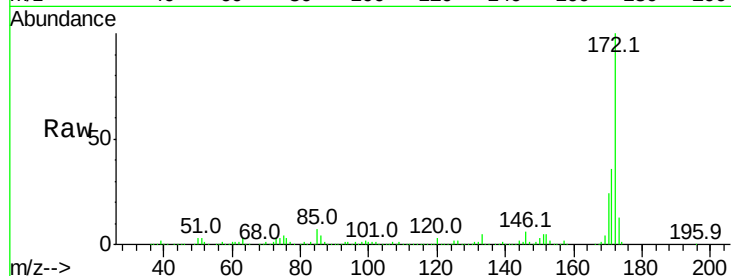




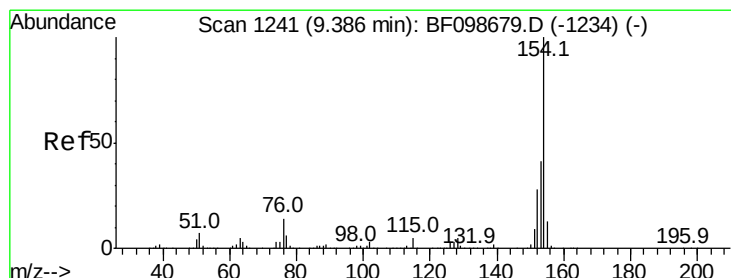
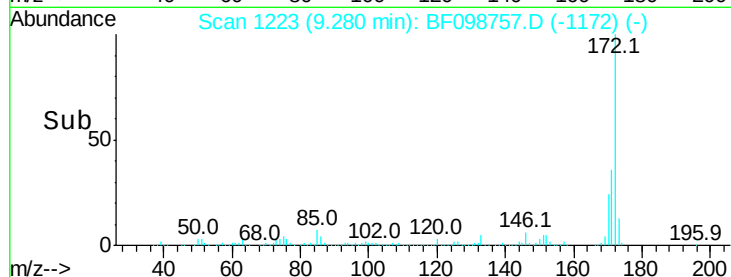
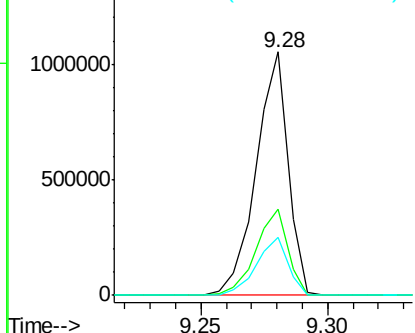
#44
2-Fluorobiphenyl
Concen: 64.357 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

Tot Ion:172 Resp: 926899
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.6 19.6 29.4

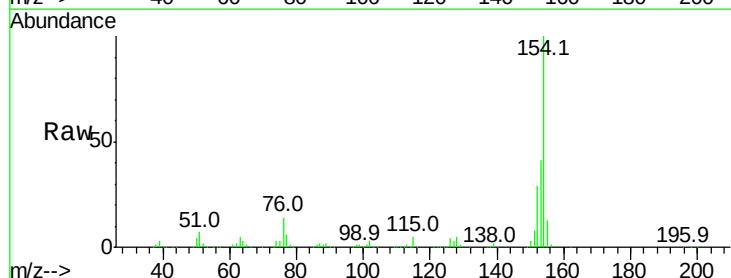


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

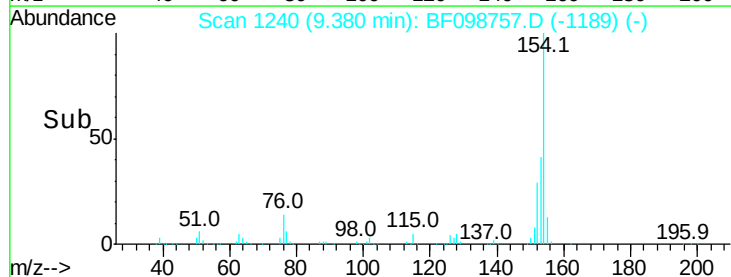
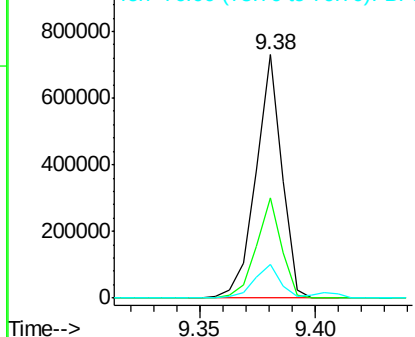


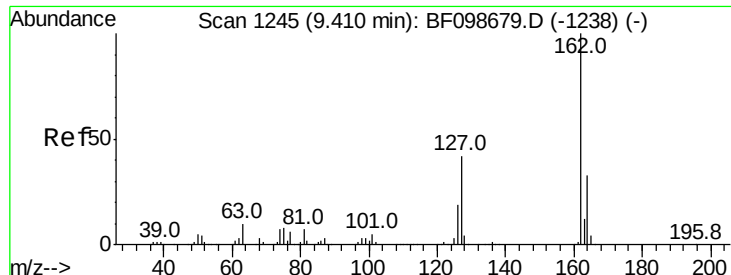
#45
1,1'-Biphenyl
Concen: 27.684 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:154 Resp: 572060
Ion Ratio Lower Upper
154 100
153 41.0 21.3 61.3
76 13.7 0.0 34.0



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

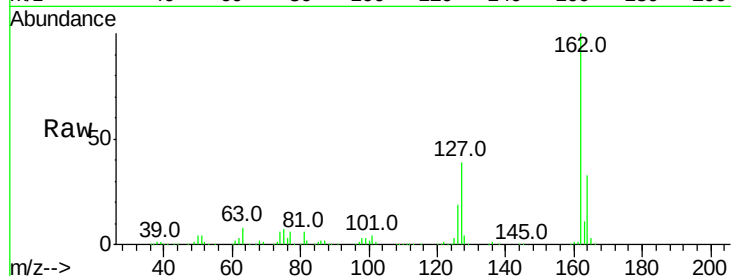




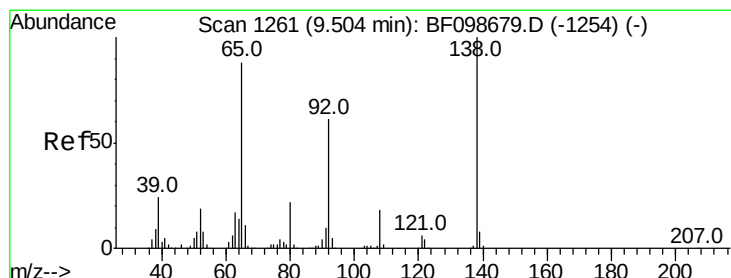
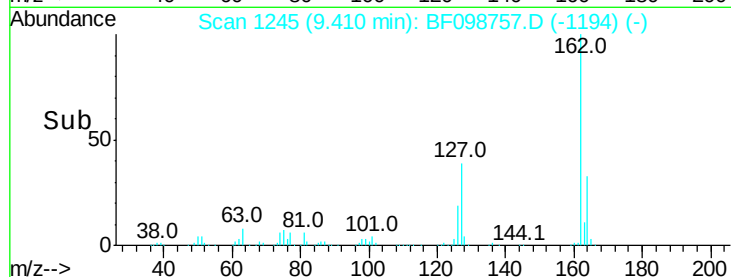
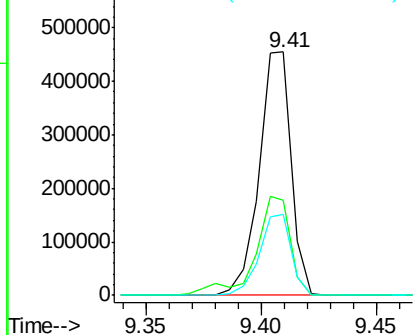
#46
2-Chloronaphthalene
Concen: 28.437 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	33.4	26.5	39.7

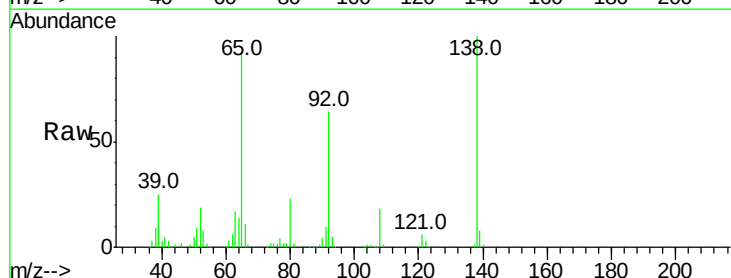


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

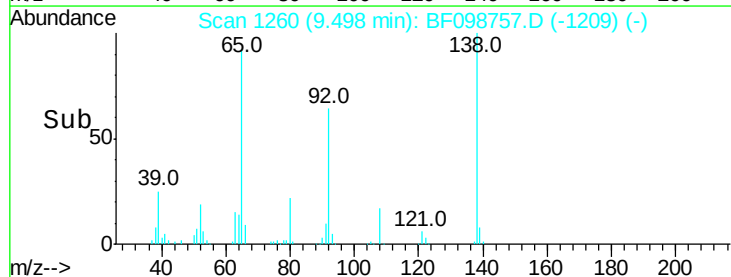
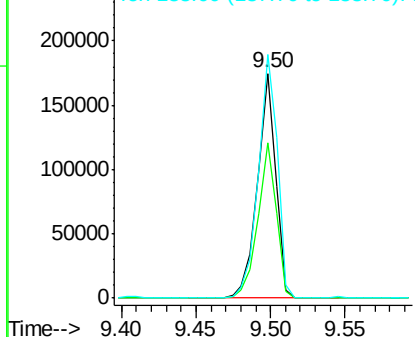


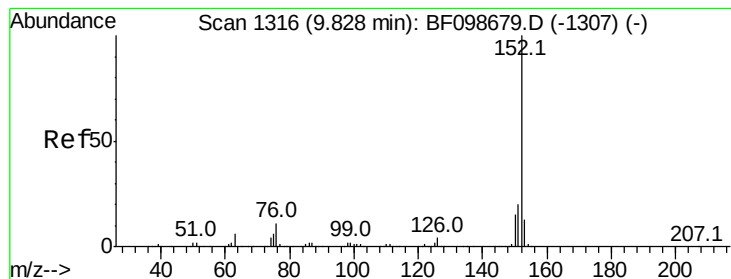
#47
2-Nitroaniline
Concen: 30.866 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.8	83.6
138	108.3	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 26.755 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

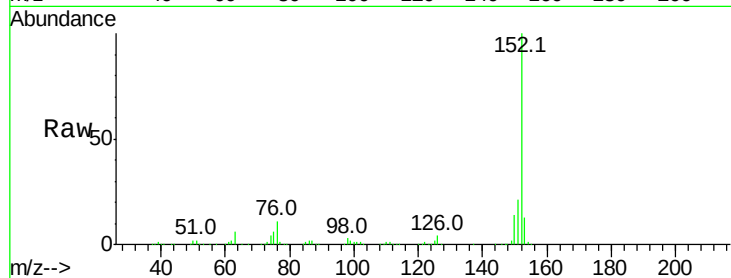
Tot Ion:152 Resp: 635450

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

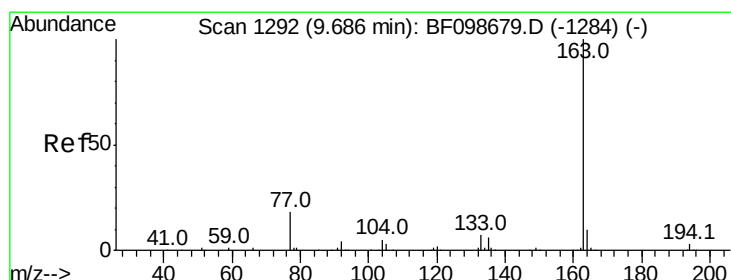
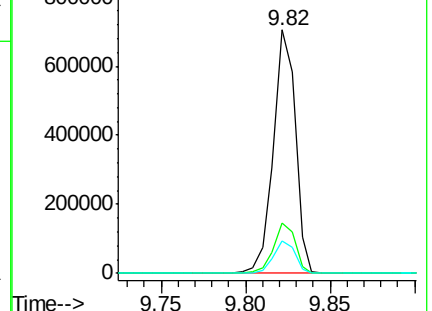
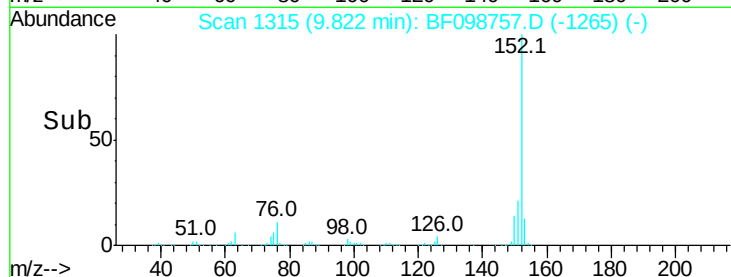
153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 36.783 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

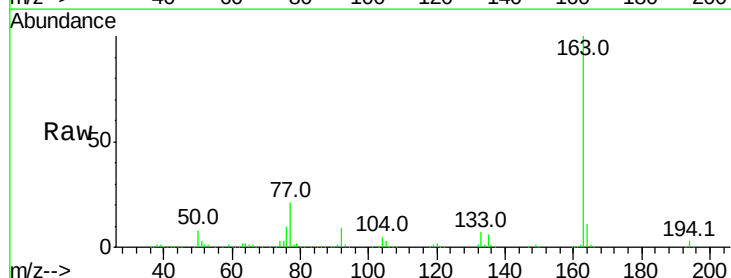
Tgt Ion:163 Resp: 667507

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

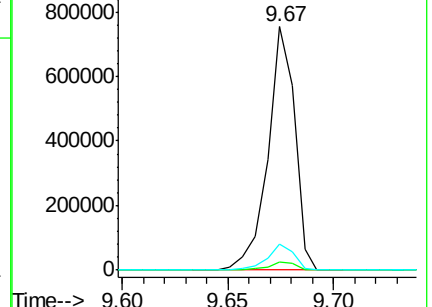
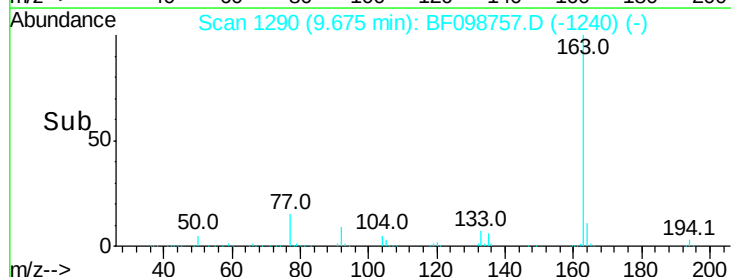
164 10.6 8.2 12.2

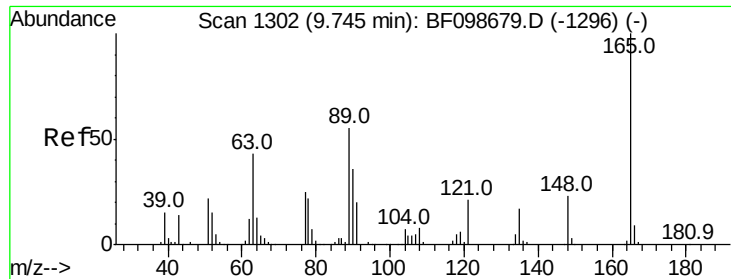


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

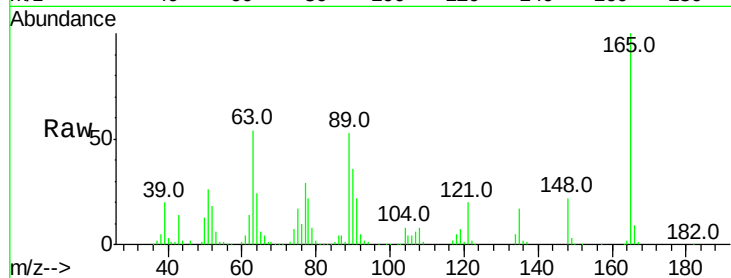




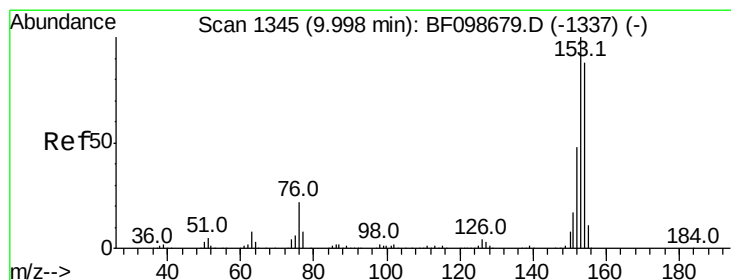
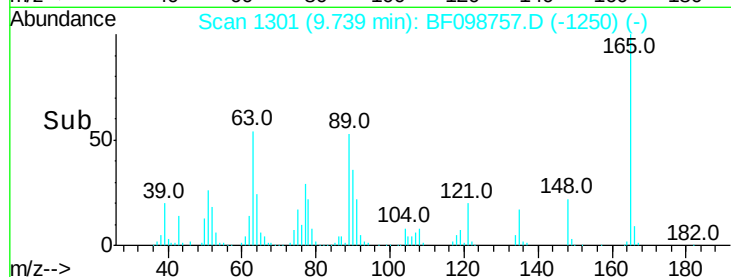
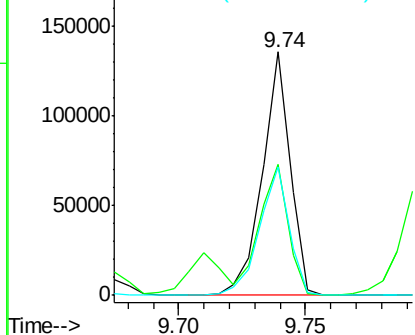
#50
2,6-Dinitrotoluene
Concen: 26.559 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

Tot Ion:165 Resp: 104928
Ion Ratio Lower Upper
165 100
63 53.9 44.7 67.1
89 52.7 44.0 66.0

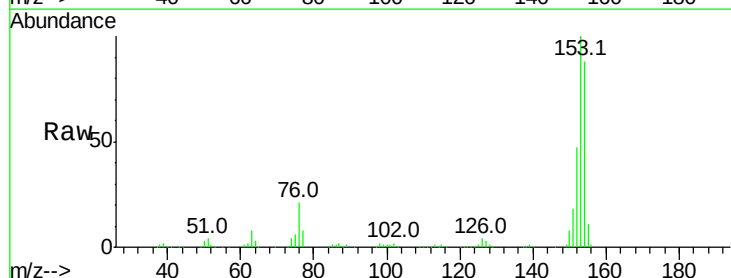


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

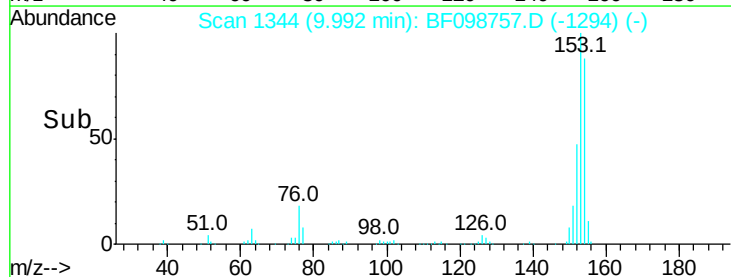
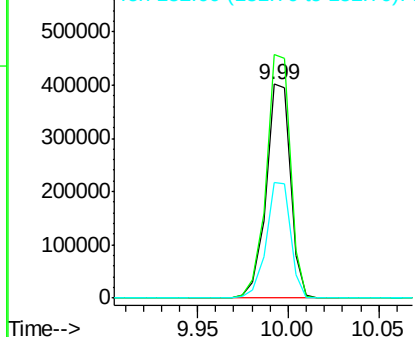


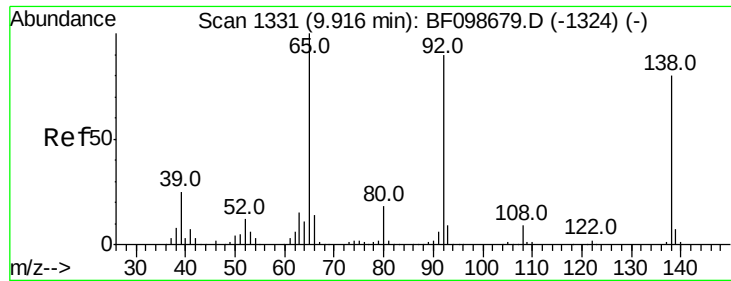
#51
Acenaphthene
Concen: 24.954 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:154 Resp: 375443
Ion Ratio Lower Upper
154 100
153 114.0 91.2 136.8
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

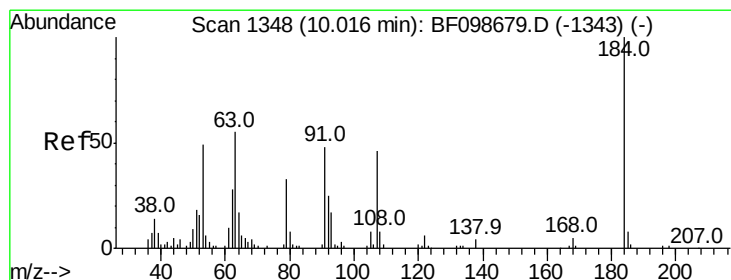
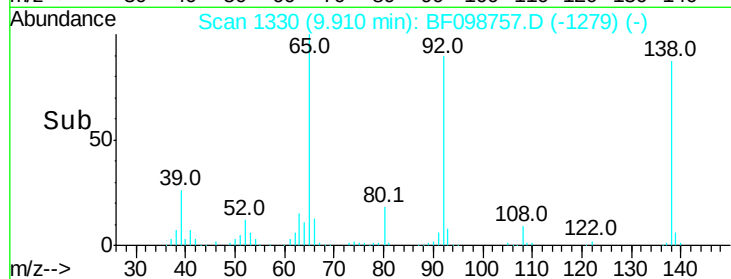
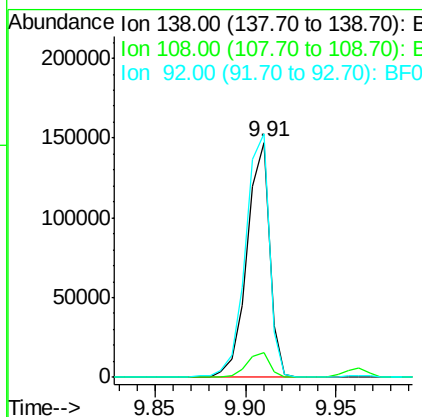
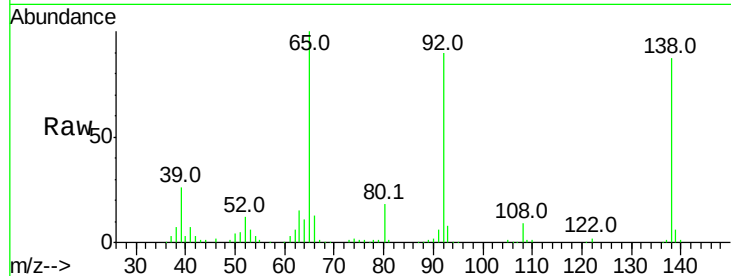




#52
 3-Nitroaniline
 Concen: 27.812 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

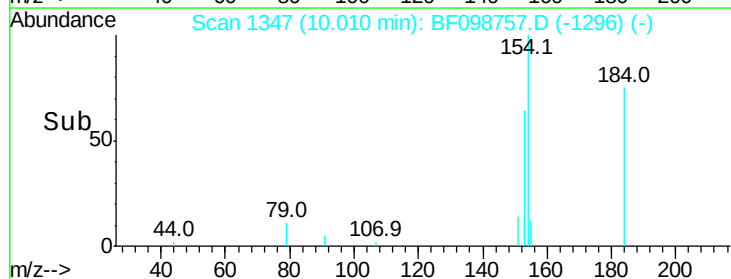
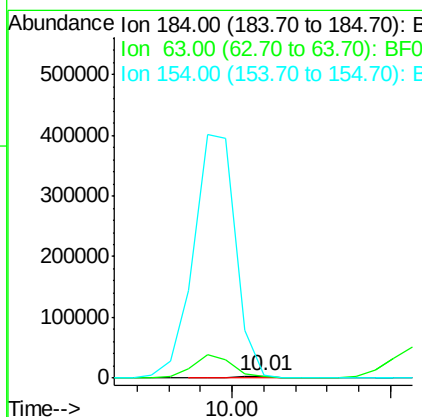
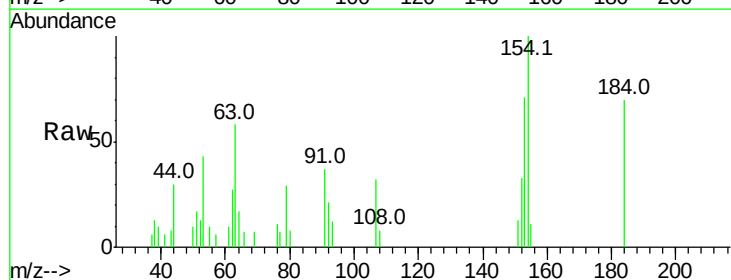
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MS

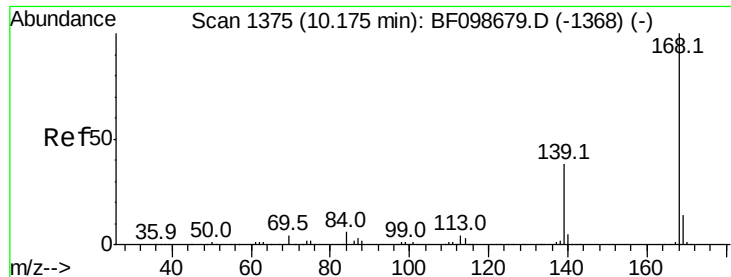
Tot Ion:138 Resp: 128118
 Ion Ratio Lower Upper
 138 100
 108 10.3 9.4 14.0
 92 103.5 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 7.159 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Tgt Ion:184 Resp: 2954
 Ion Ratio Lower Upper
 184 100
 63 82.4 54.2 81.2#
 154 143.1 53.5 80.3#





#54

Dibenzenofuran

Concen: 27.919 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

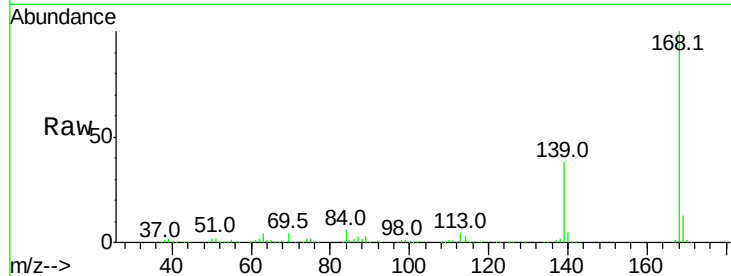
Tot Ion:168 Resp: 559268

Ion Ratio Lower Upper

168 100

139 37.8 30.1 45.1

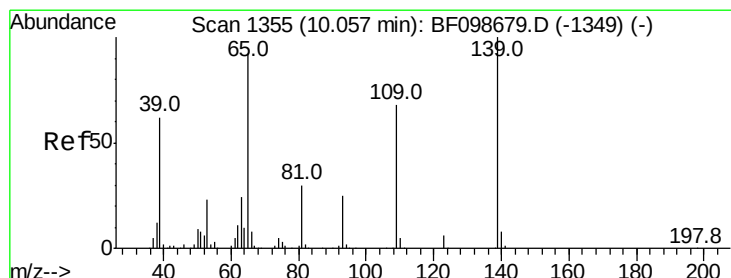
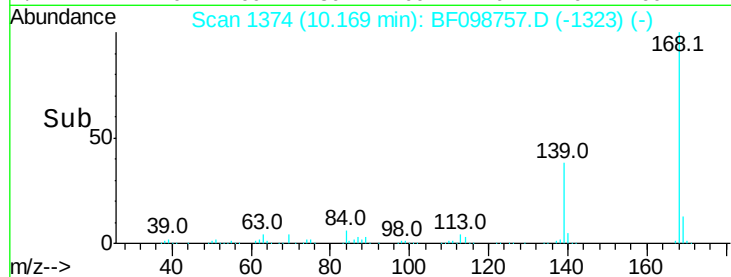
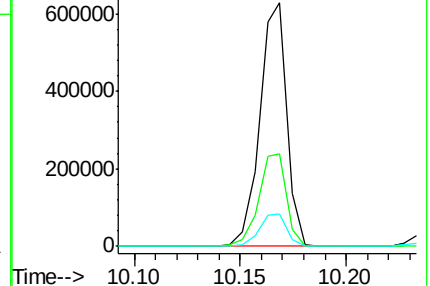
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 42.470 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

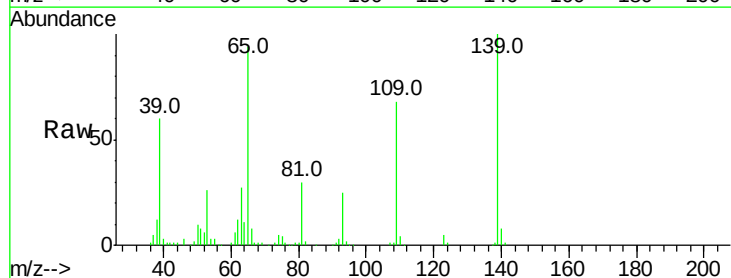
Tgt Ion:139 Resp: 165426

Ion Ratio Lower Upper

139 100

109 68.0 48.4 88.4

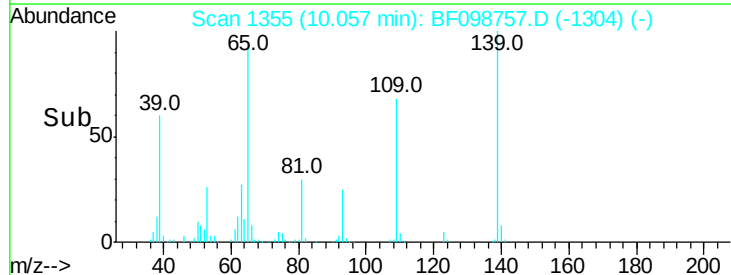
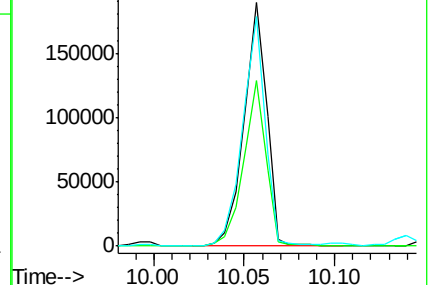
65 94.4 72.6 112.6

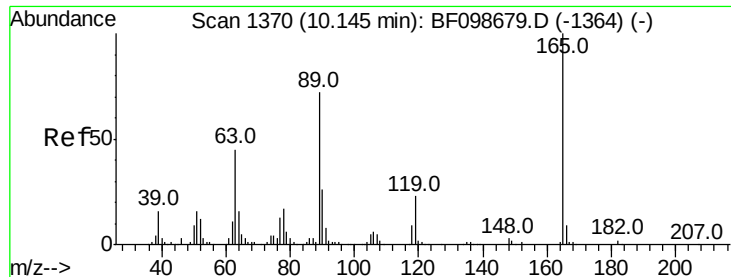


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

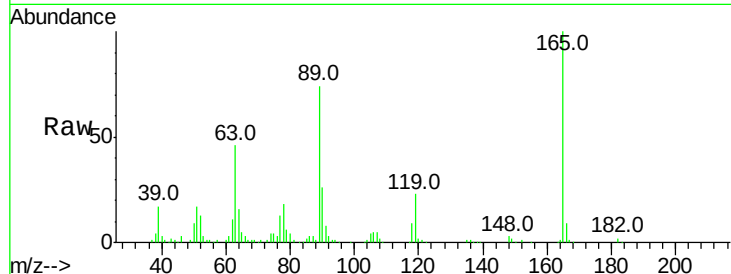




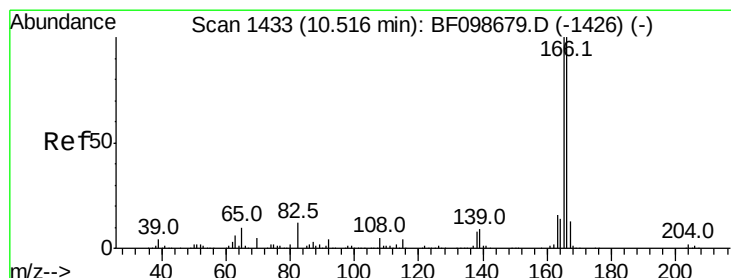
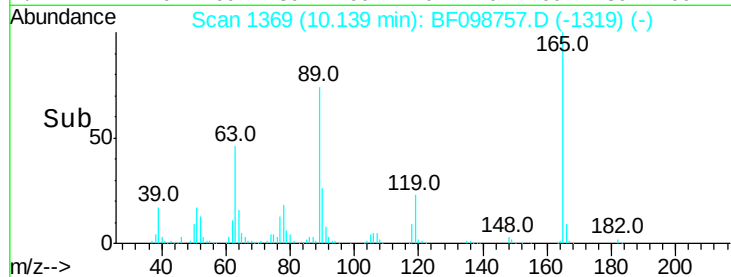
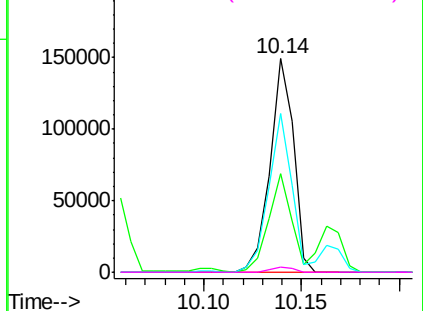
#56
 2,4-Dinitrotoluene
 Concen: 24.327 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MS

Tot Ion:165 Resp: 124734
 Ion Ratio Lower Upper
 165 100
 63 46.2 36.4 54.6
 89 74.5 57.8 86.6
 182 2.1 1.6 2.4

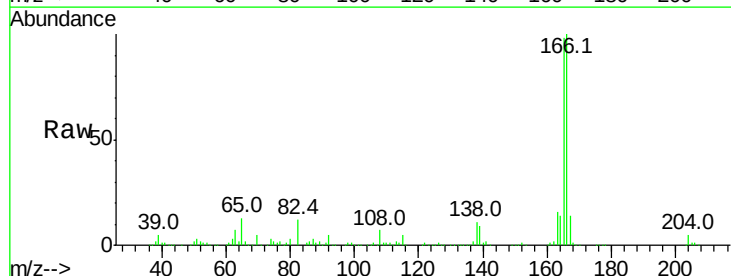


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

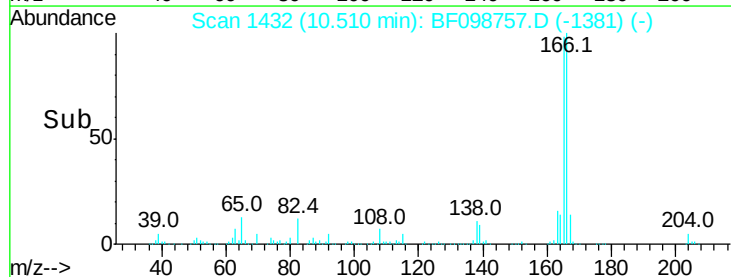
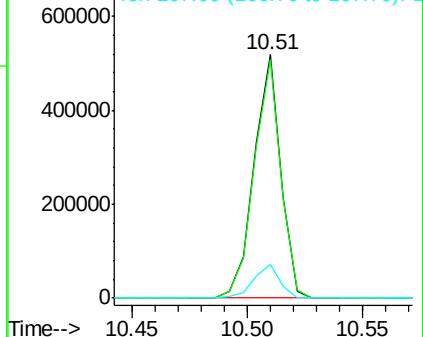


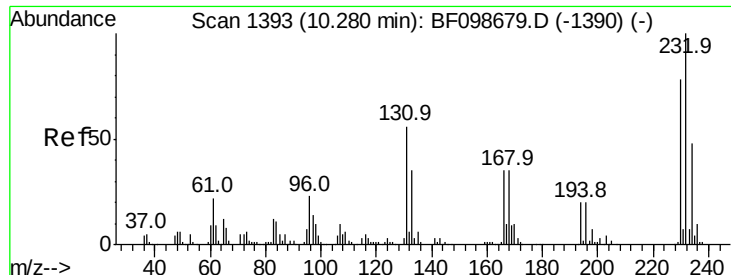
#57
 Fluorene
 Concen: 25.940 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Tgt Ion:166 Resp: 417660
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.8
 167 13.6 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

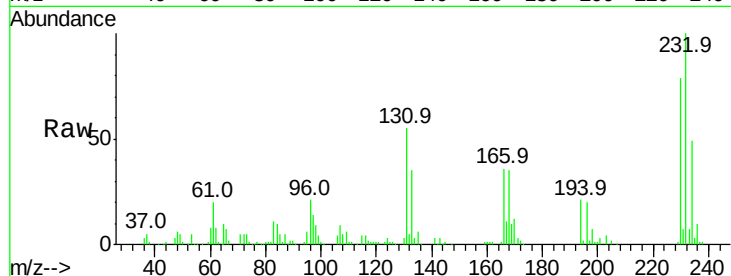




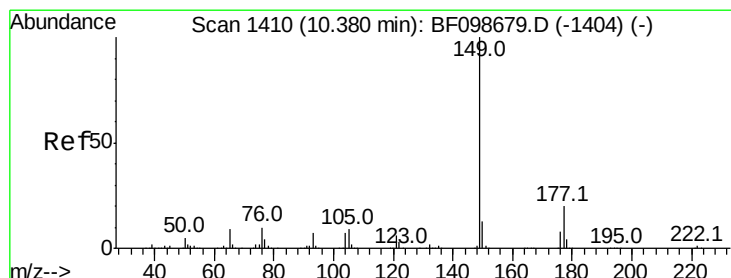
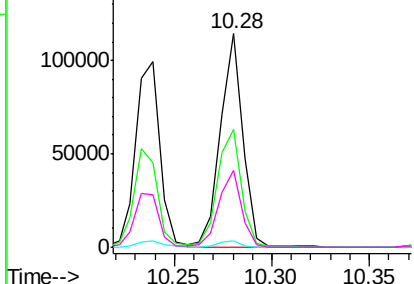
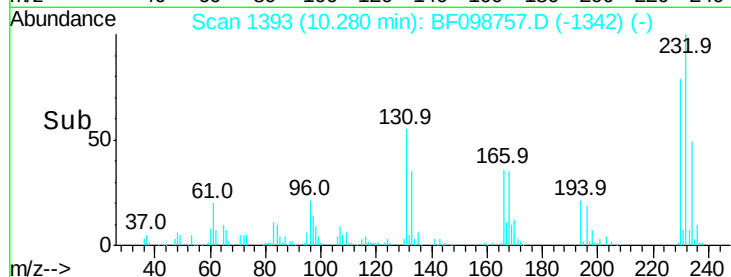
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.211 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MS

Tot Ion:232 Resp: 91818
 Ion Ratio Lower Upper
 232 100
 131 58.7 43.8 65.8
 130 2.8 2.1 3.1
 166 36.1 27.8 41.6

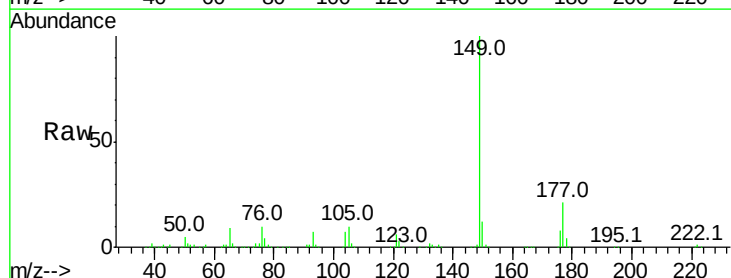


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

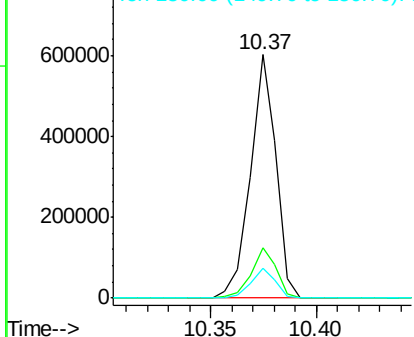
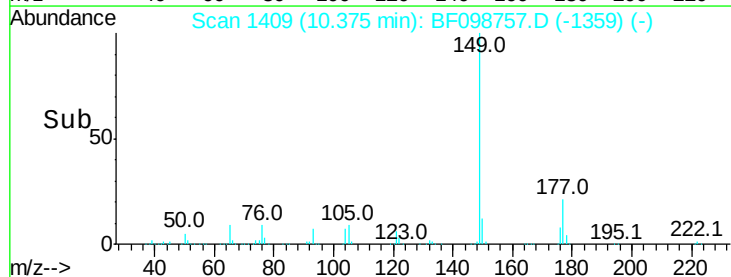


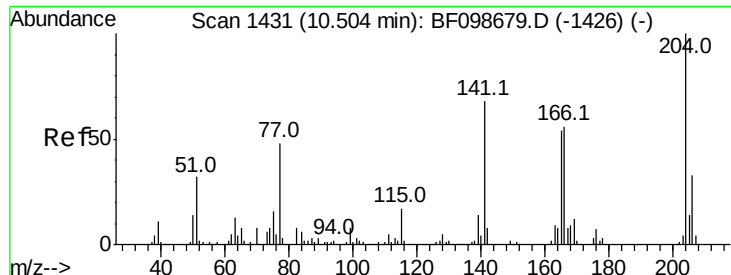
#59
 Diethylphthalate
 Concen: 28.534 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Tgt Ion:149 Resp: 505974
 Ion Ratio Lower Upper
 149 100
 177 20.6 16.1 24.1
 150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

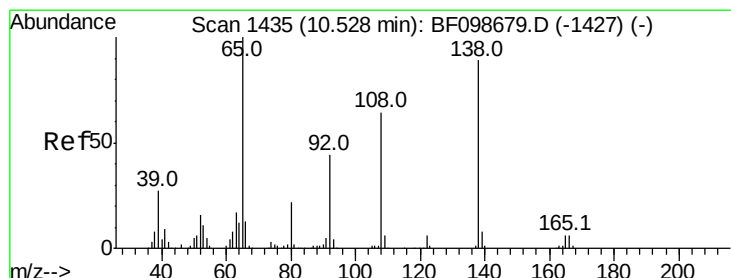
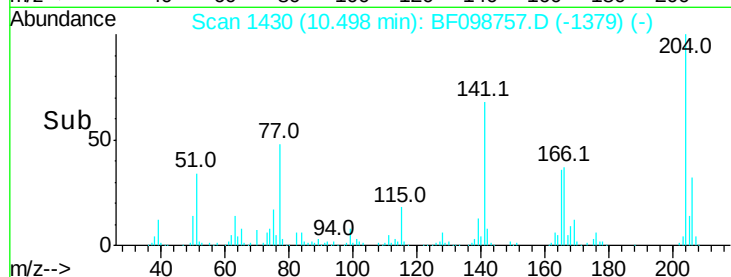
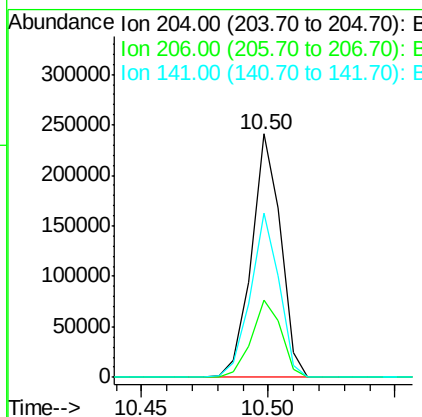
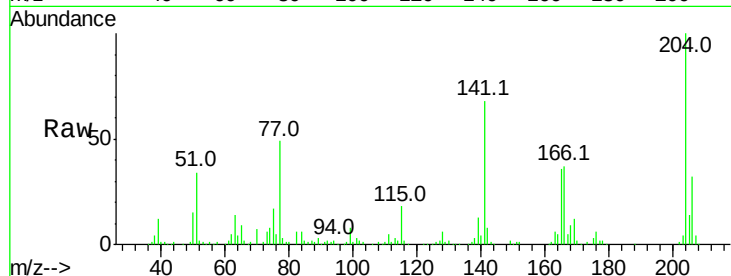




#60
4-Chlorophenyl-phenylether
Concen: 26.651 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

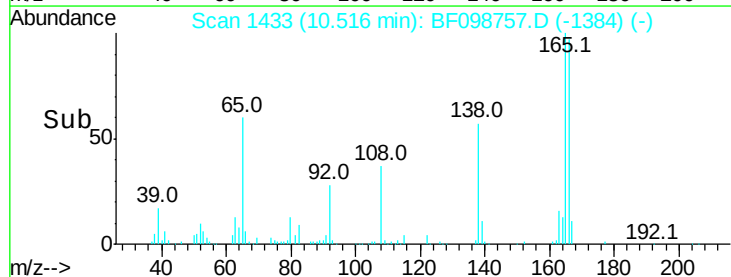
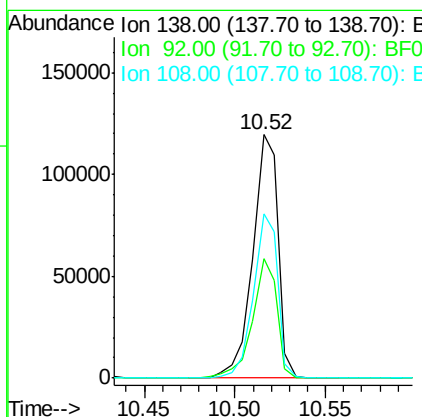
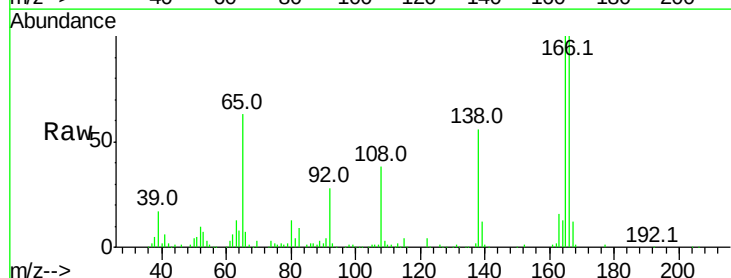
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

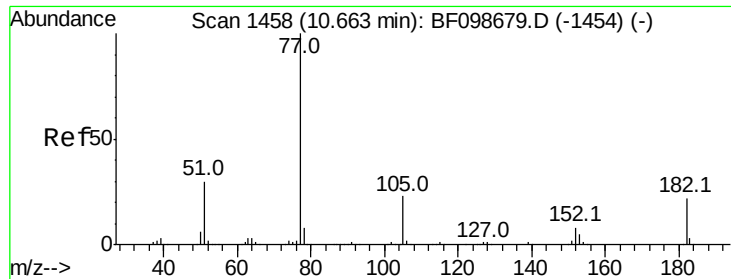
Tot Ion:204 Resp: 192754
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 67.6 54.6 81.8



#61
4-Nitroaniline
Concen: 26.094 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:138 Resp: 115969
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 67.4 52.5 92.5





#62

Azobenzene

Concen: 27.396 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

Tot Ion: 77 Resp: 446663

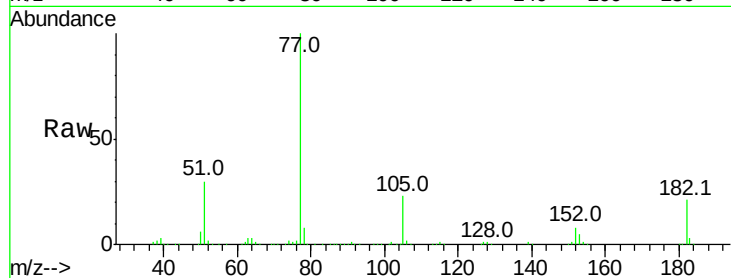
Ion Ratio Lower Upper

77 100

182 20.6 1.7 41.7

105 22.9 3.0 43.0

51 30.2 9.9 49.9

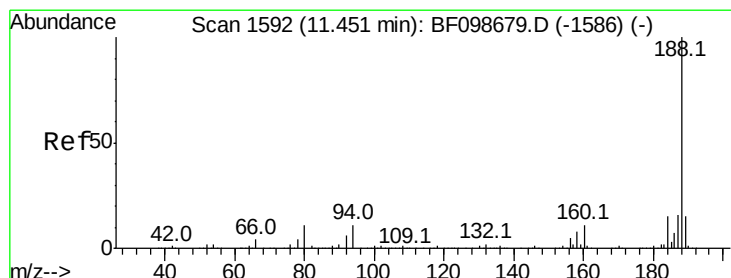
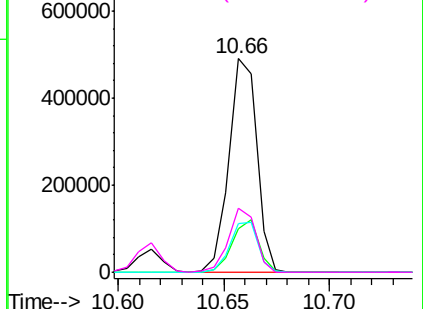
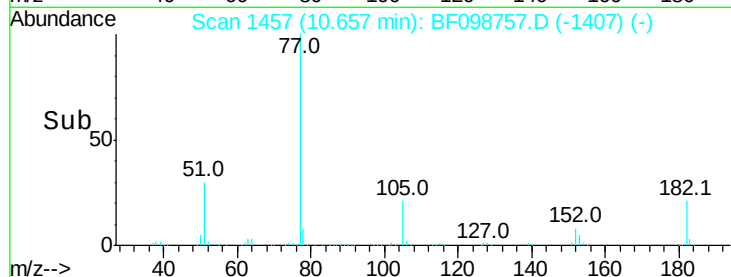


Abundance Ion 77.00 (76.70 to 77.70): BF0

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): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

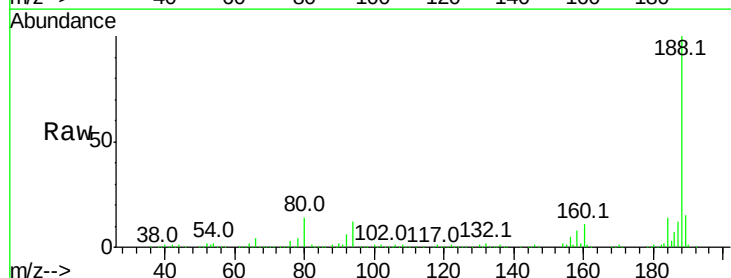
Tgt Ion: 188 Resp: 348458

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

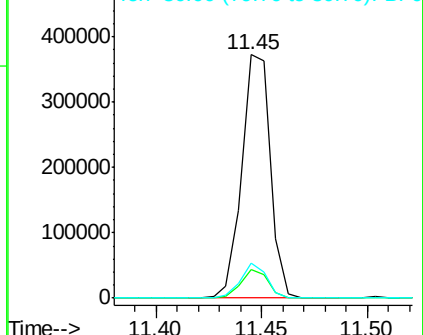
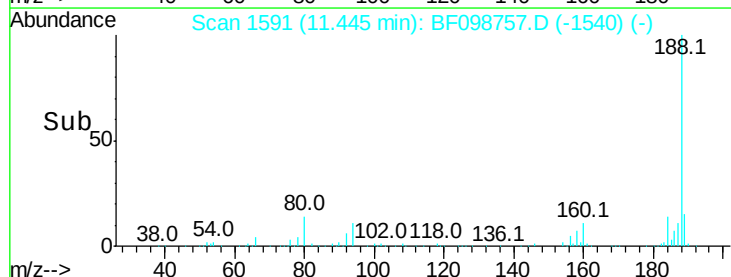
80 14.4 9.2 13.8#

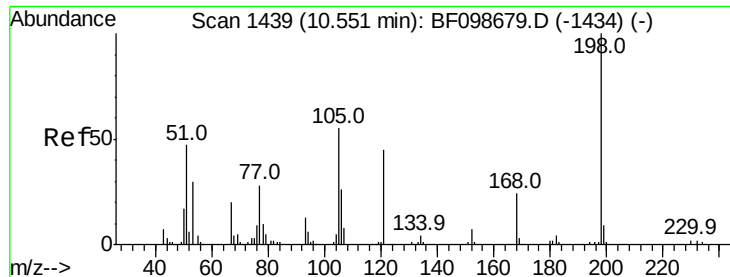


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

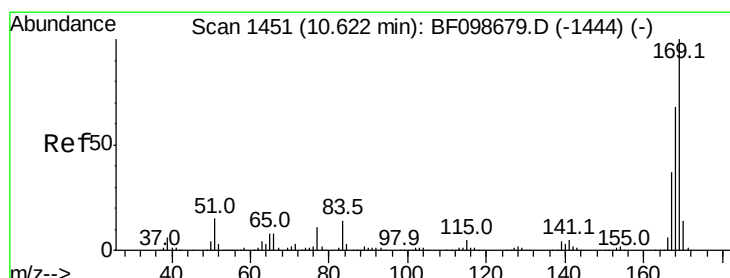
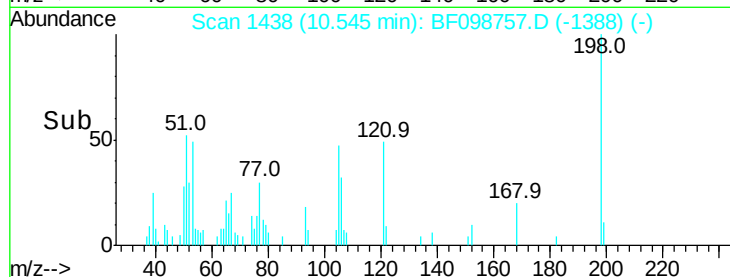
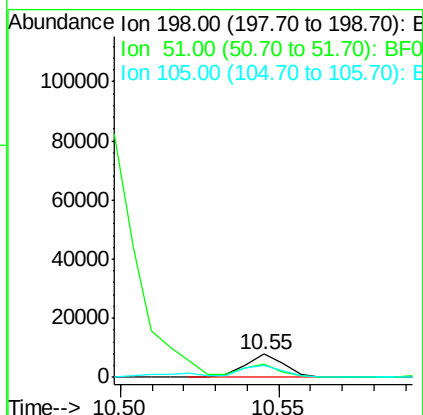
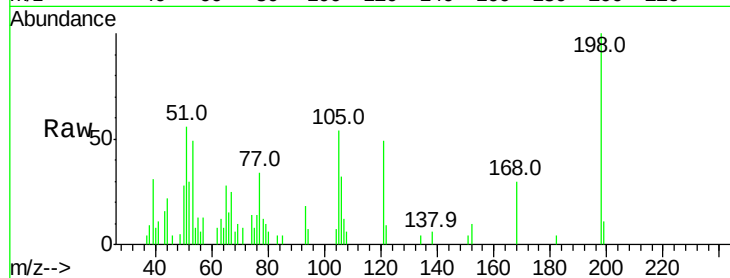




#64
4,6-Dinitro-2-methylphenol
Concen: 3.117 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

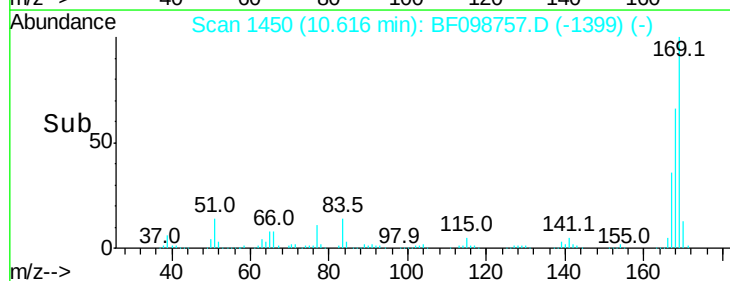
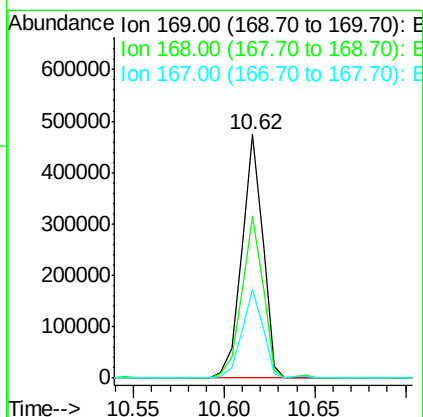
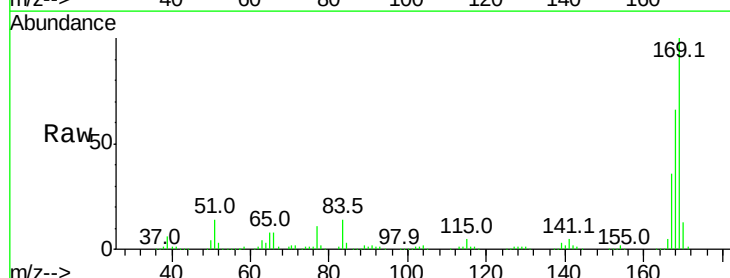
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

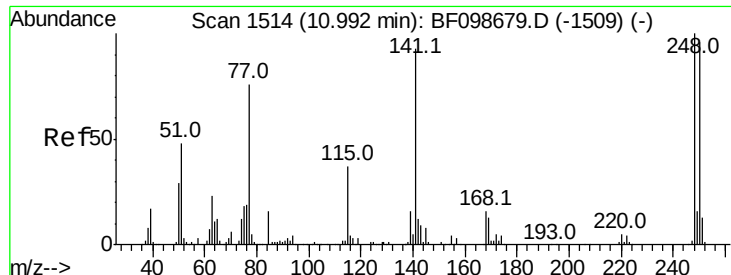
Tot Ion:198 Resp: 6608
Ion Ratio Lower Upper
198 100
51 56.4 37.7 77.7
105 54.1 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 31.546 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:169 Resp: 380807
Ion Ratio Lower Upper
169 100
168 66.3 54.4 81.6
167 36.4 29.8 44.6

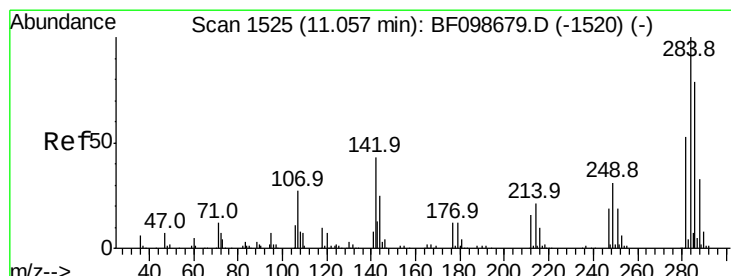
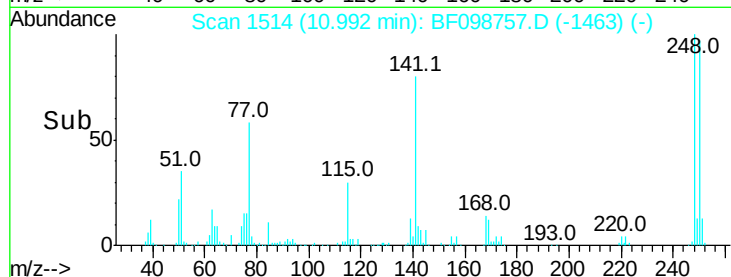
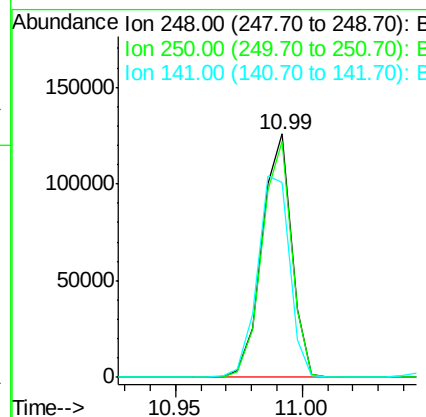
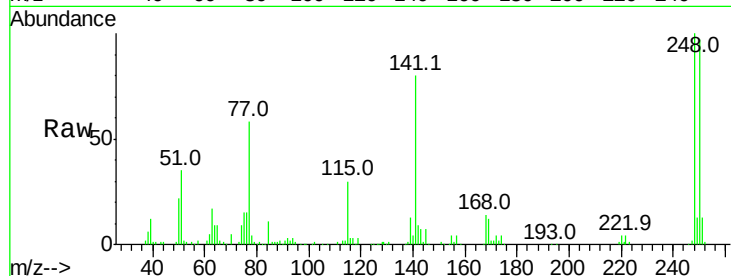




#66
4-Bromophenyl-phenylether
Concen: 30.235 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

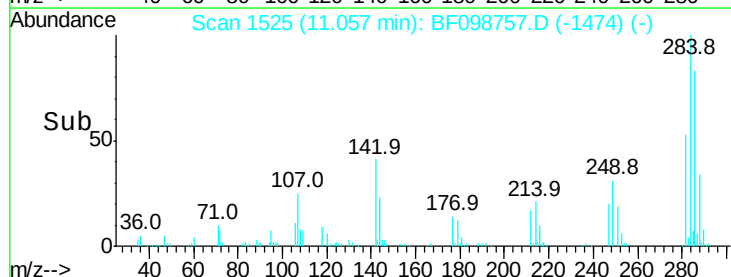
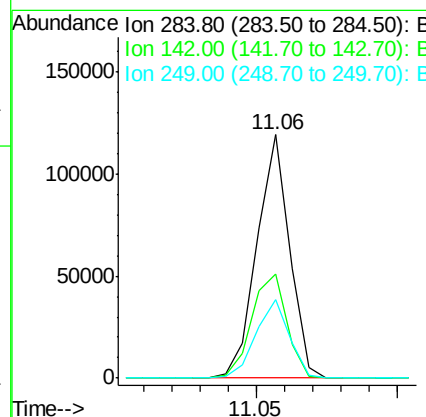
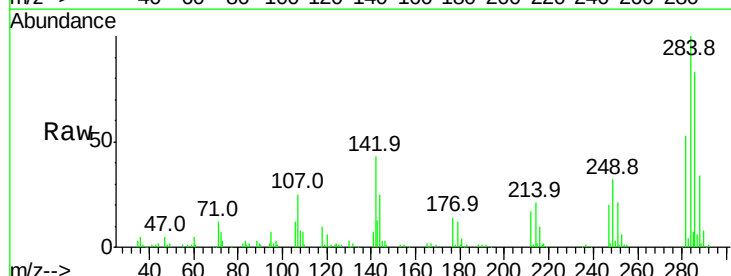
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

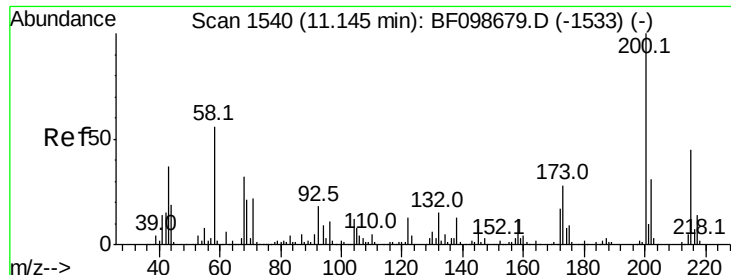
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.9	115.3
141	79.9	74.4	111.6



#67
Hexachlorobenzene
Concen: 26.186 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.9	34.6	52.0
249	32.2	24.8	37.2

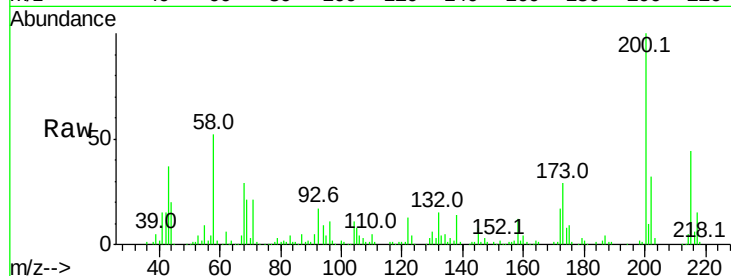




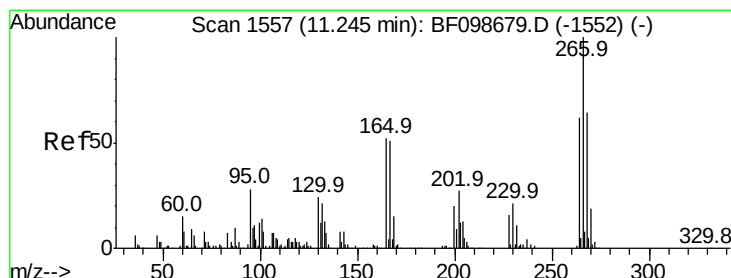
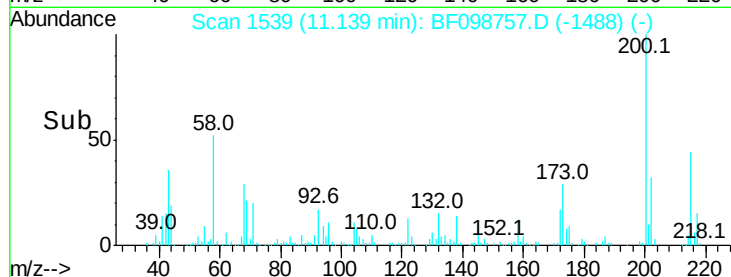
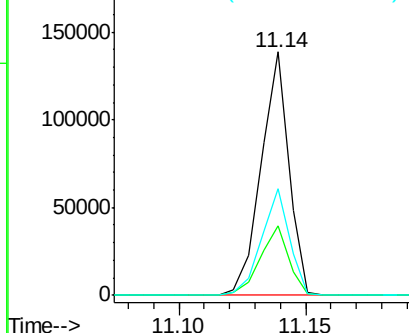
#68
Atrazine
Concen: 29.350 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

Tot Ion:200 Resp: 106599
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 43.9 25.1 65.1

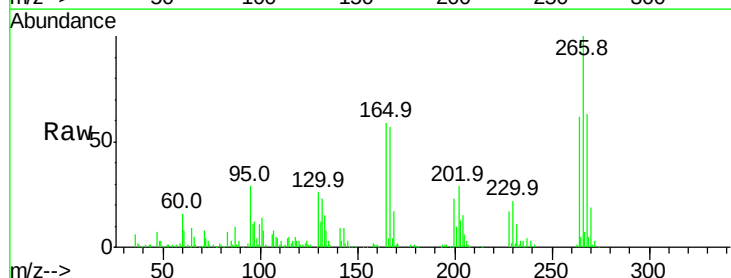


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

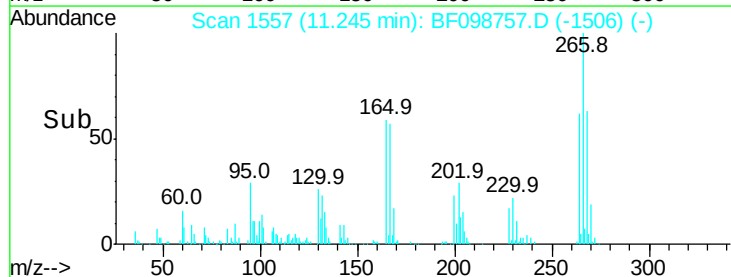
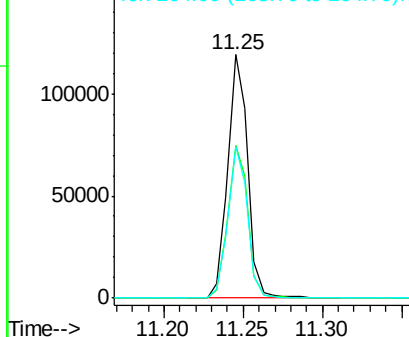


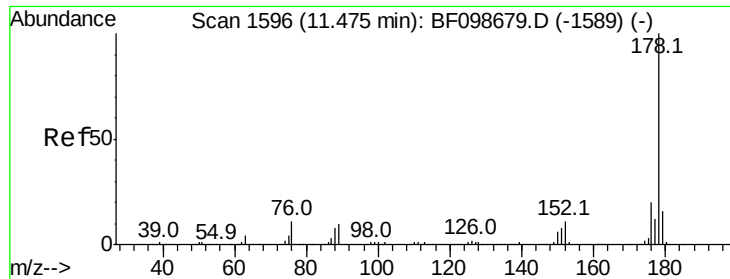
#69
Pentachlorophenol
Concen: 45.577 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:266 Resp: 103333
Ion Ratio Lower Upper
266 100
268 62.7 51.1 76.7
264 62.2 49.5 74.3



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

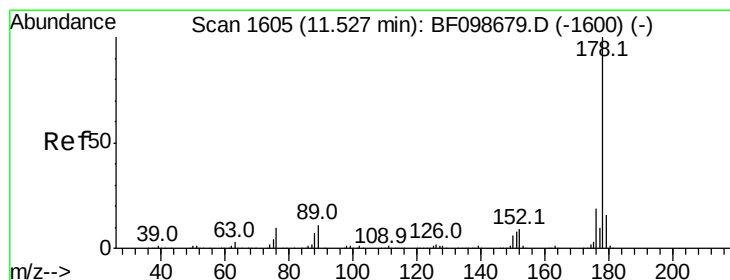
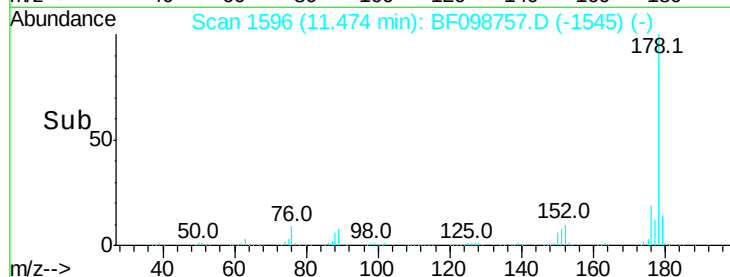
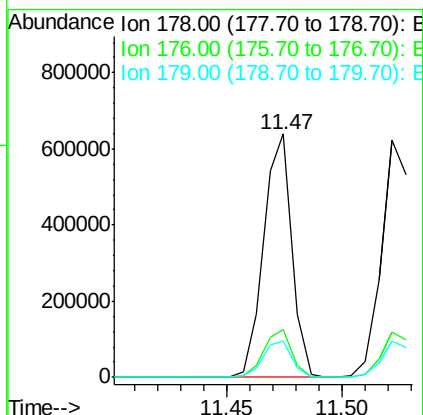
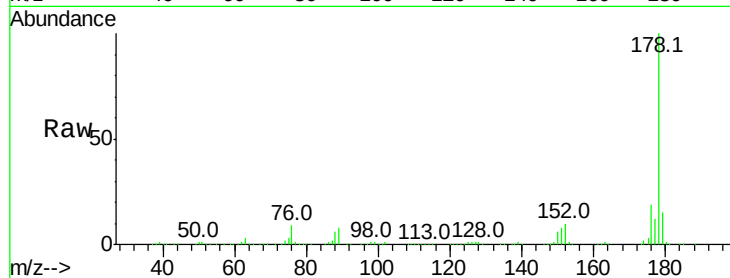




#70
Phenanthrene
Concen: 29.177 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

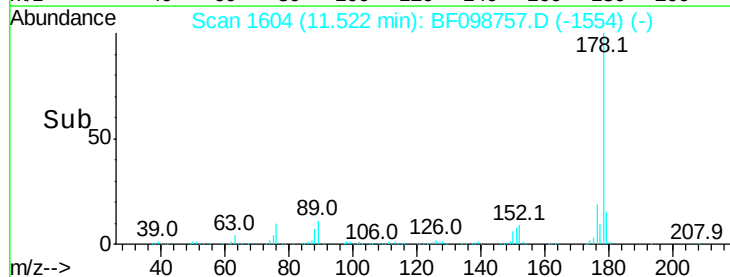
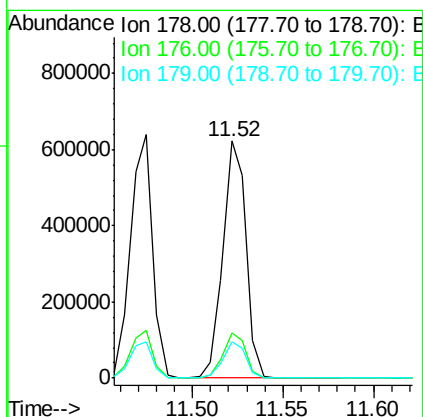
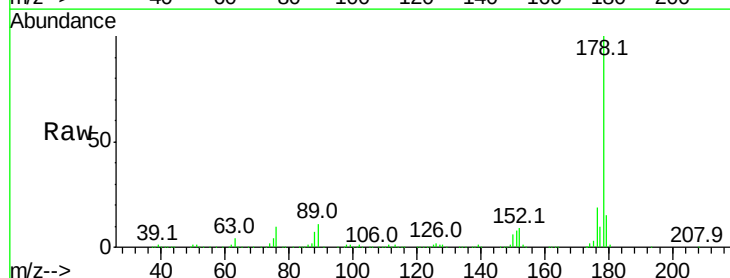
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

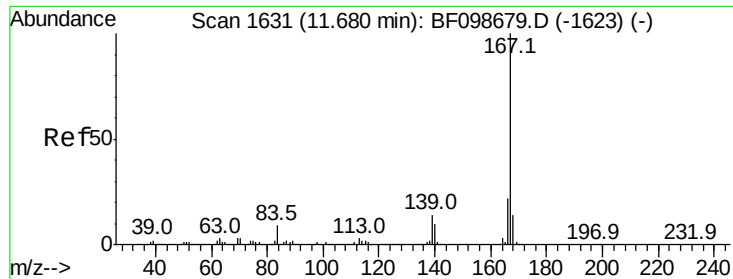
Tot Ion:178 Resp: 544206
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.0 13.0 19.6



#71
Anthracene
Concen: 28.899 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:178 Resp: 551525
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.5 12.6 19.0





#72

Carbazole

Concen: 28.040 ng

RT: 11.67 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

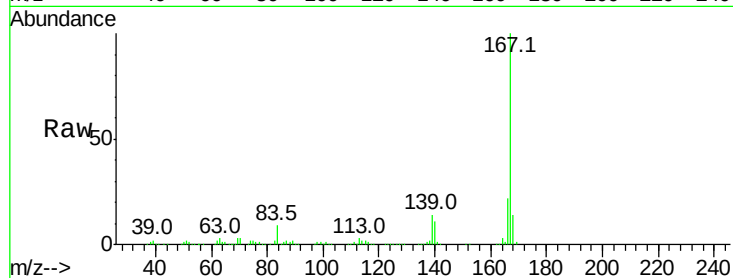
BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

Tot Ion:167 Resp: 524038

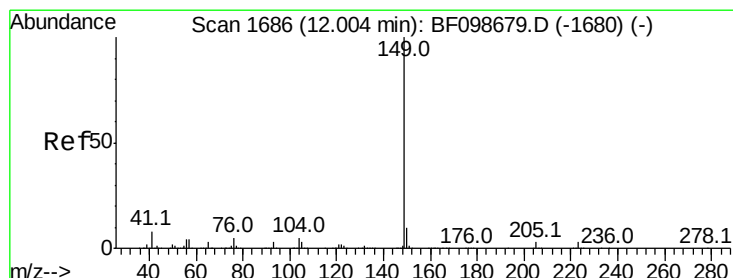
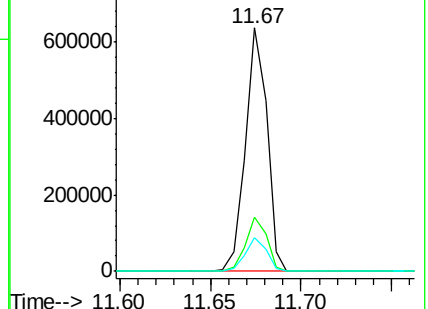
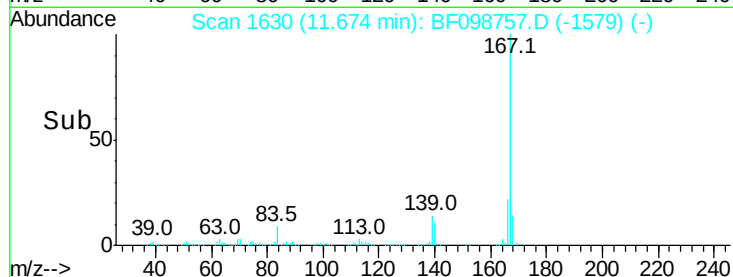
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.6	10.9	16.3



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: 29.685 ng

RT: 12.00 min Scan# 1686

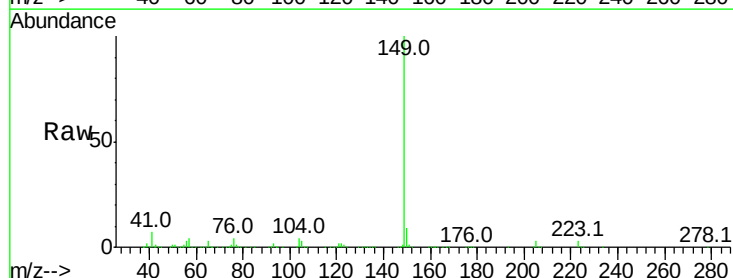
Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Tgt Ion:149 Resp: 667769

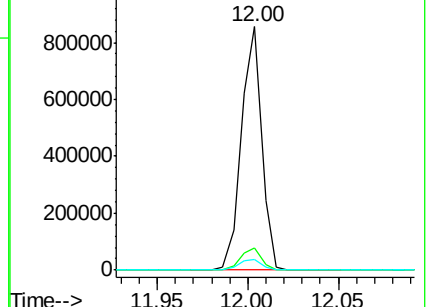
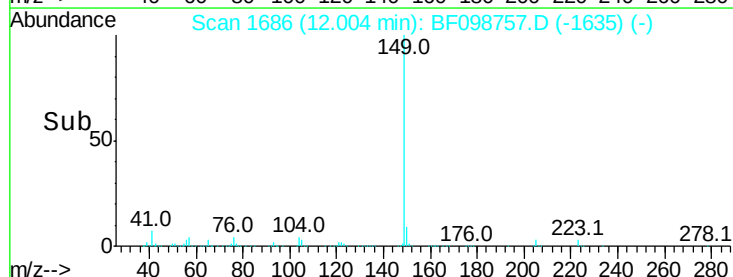
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.5	3.8	5.8

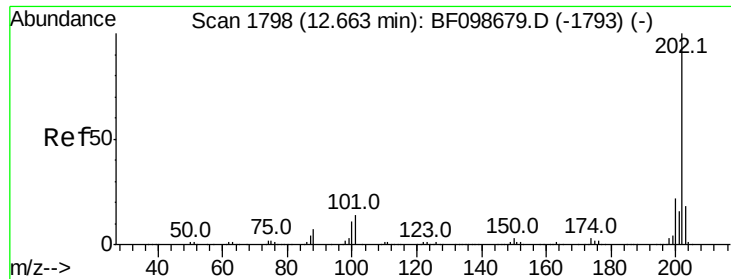


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

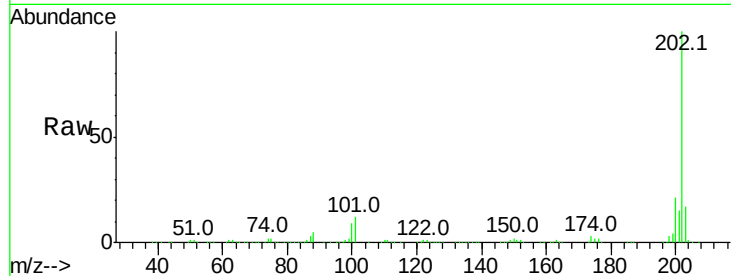




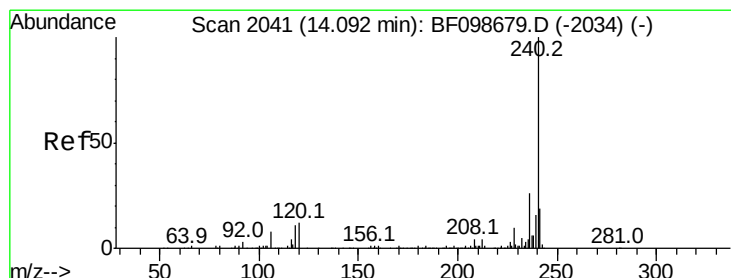
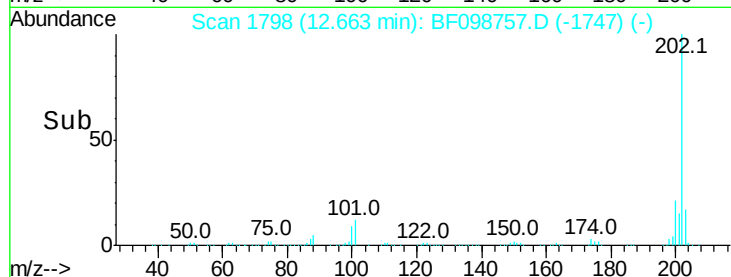
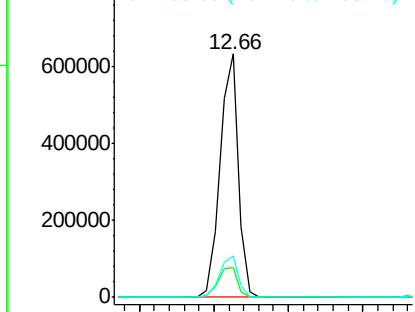
#74
Fluoranthene
 Concen: 28.883 ng
 RT: 12.66 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.0	0.0	38.1

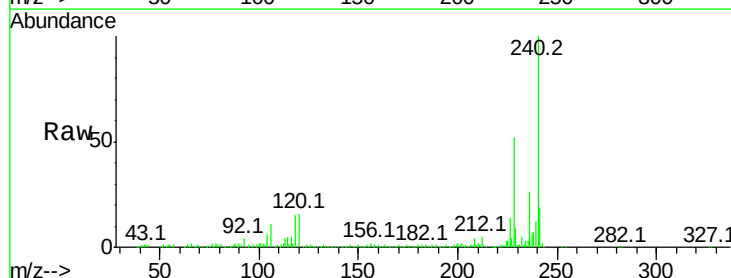


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

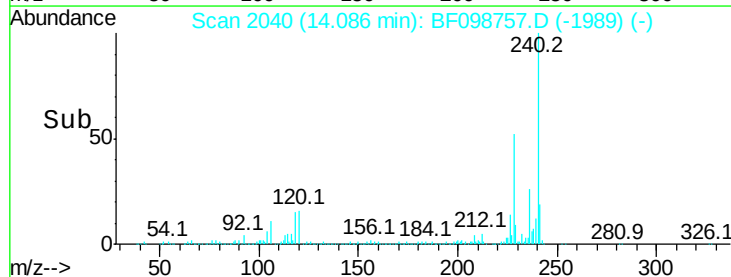
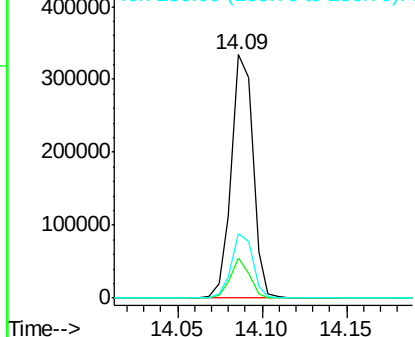


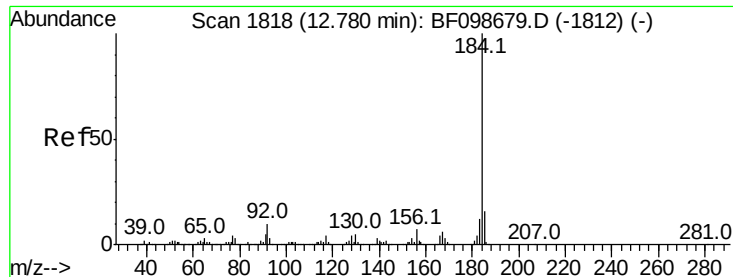
#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF098757.D
 Acq: 23 Sep 2017 23:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	26.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 33.546 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

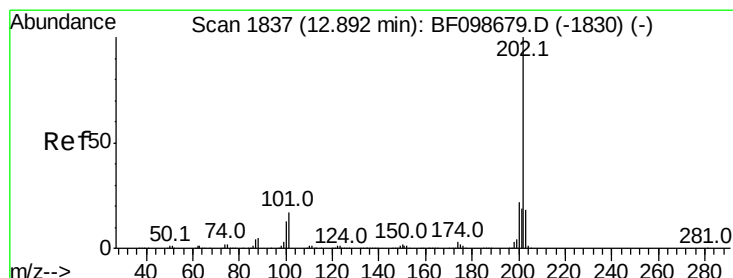
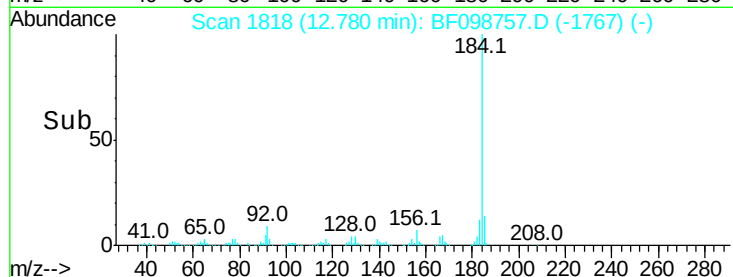
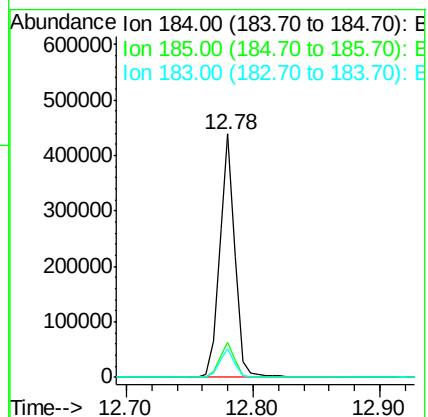
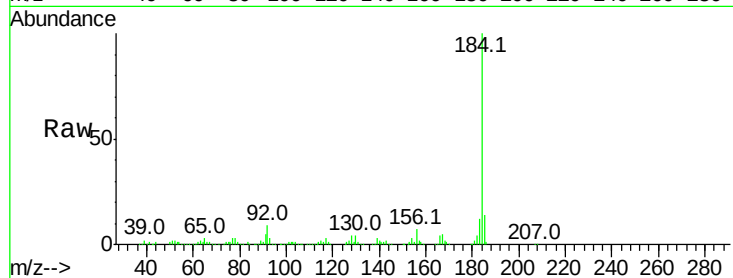
Tot Ion:184 Resp: 370190

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

183 11.9 9.3 13.9



#77

Pyrene

Concen: 24.836 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

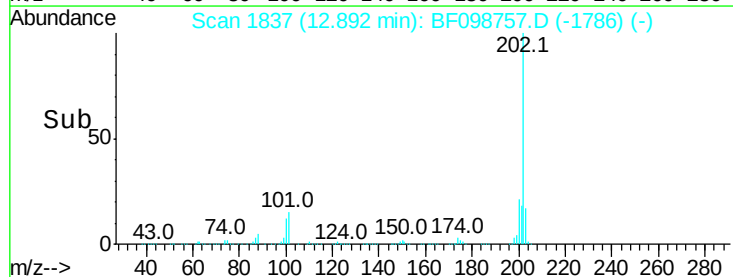
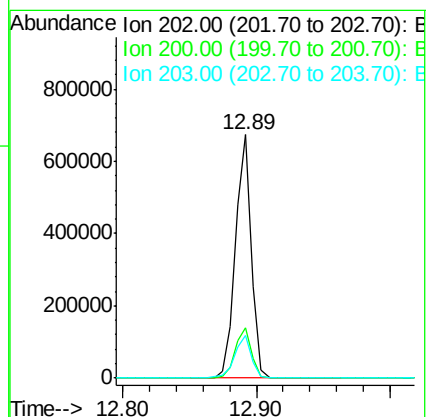
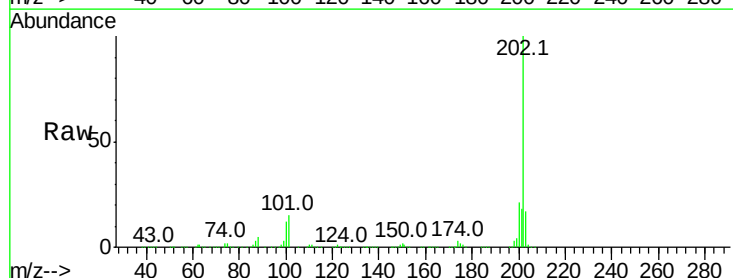
Tgt Ion:202 Resp: 565054

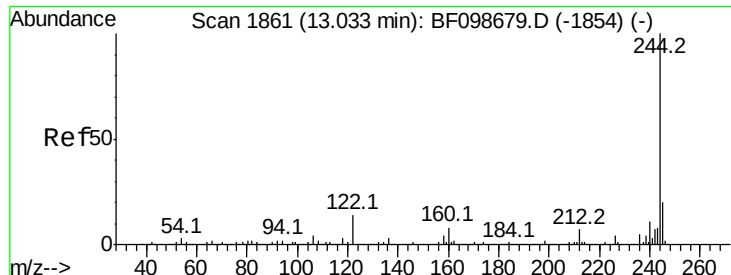
Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

203 17.3 14.3 21.5





#78

Terphenyl-d14

Concen: 50.231 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

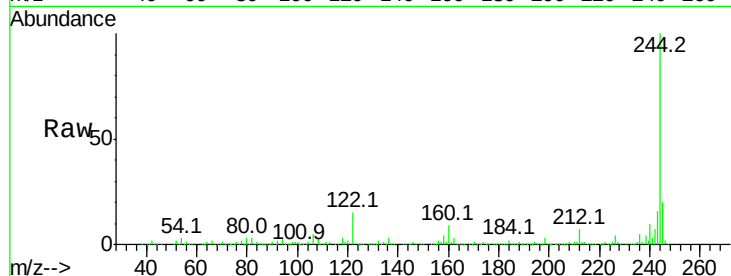
Tot Ion:244 Resp: 659004

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

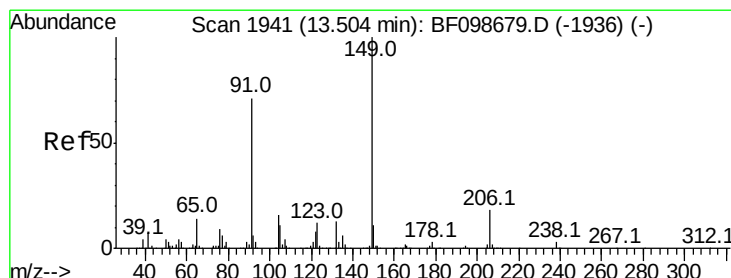
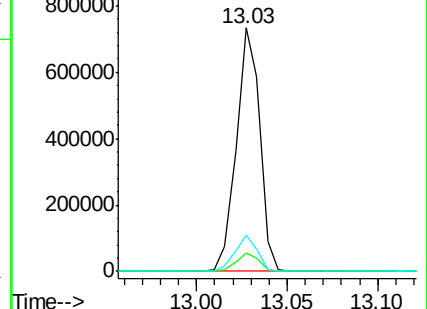
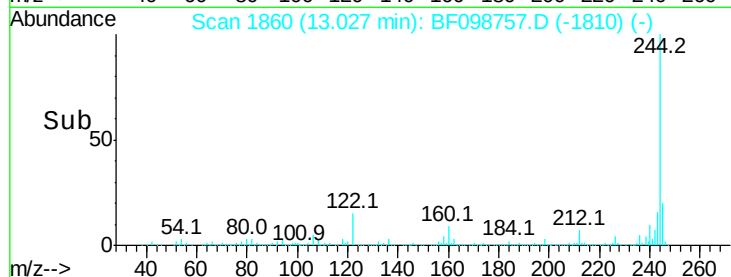
122 15.0 11.0 16.4



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: 25.913 ng

RT: 13.50 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

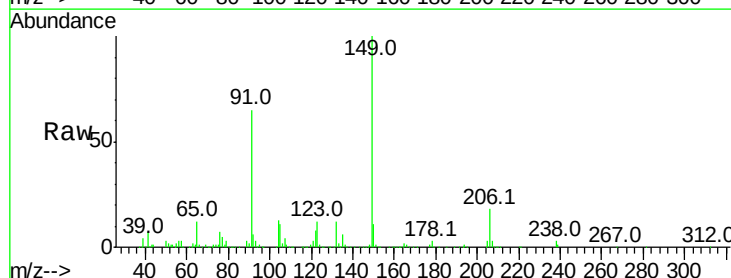
Tgt Ion:149 Resp: 277078

Ion Ratio Lower Upper

149 100

91 65.1 56.8 85.2

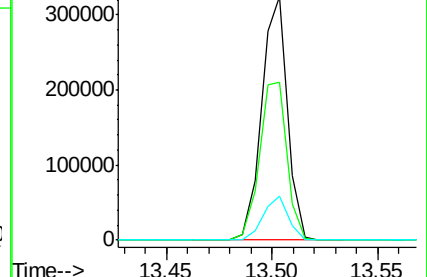
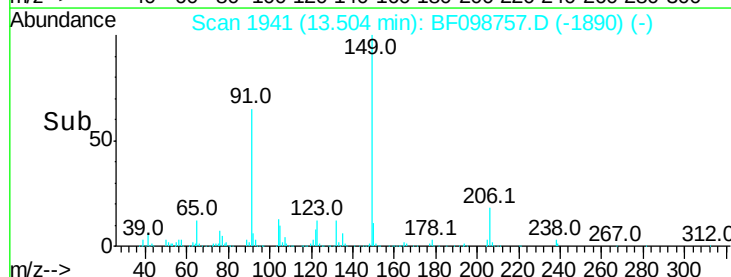
206 18.2 14.1 21.1

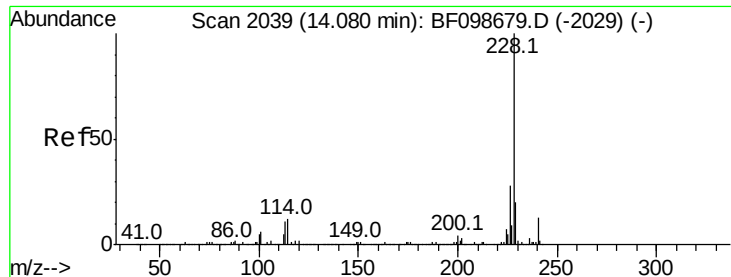


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

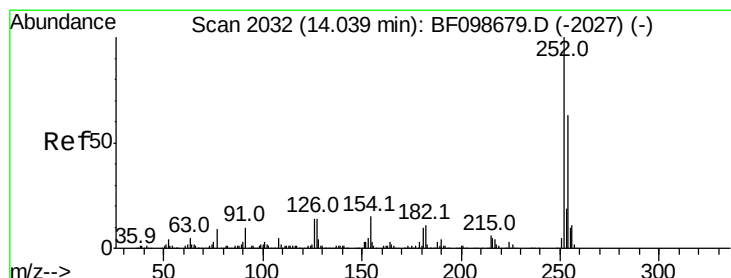
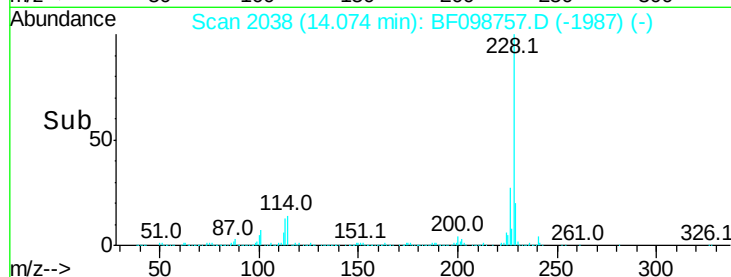
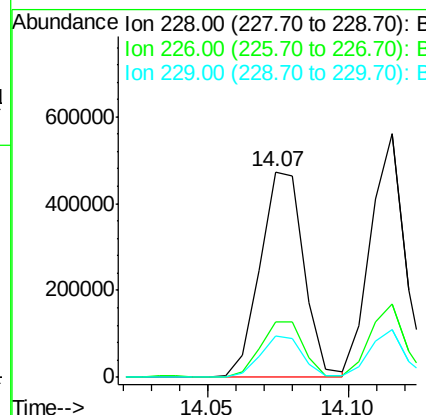
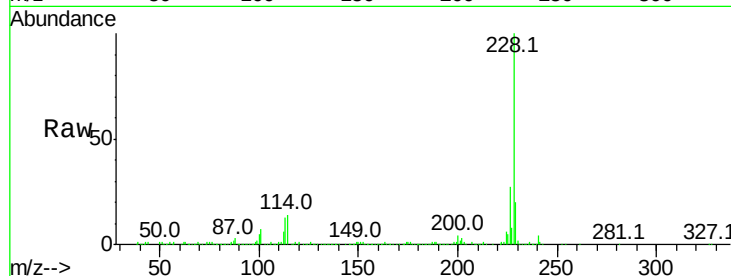




#80
Benzo(a)anthracene
Concen: 28.046 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

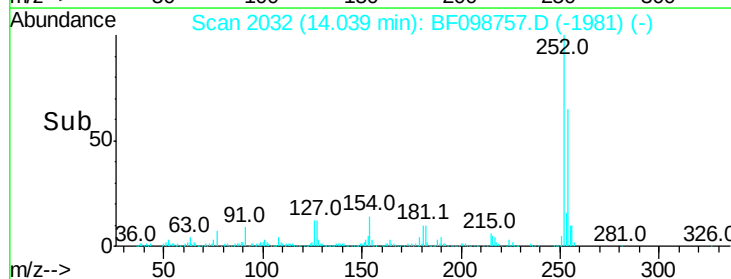
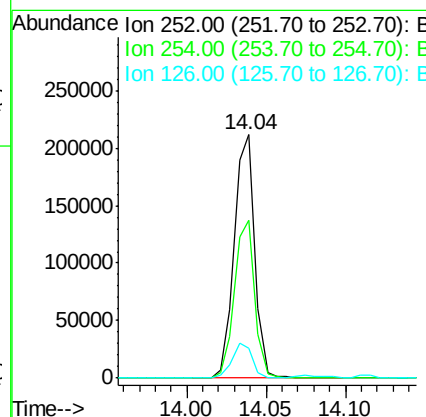
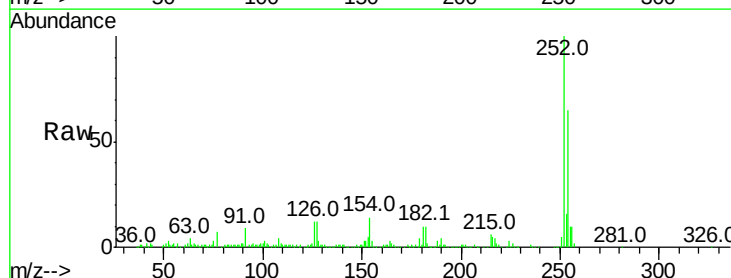
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

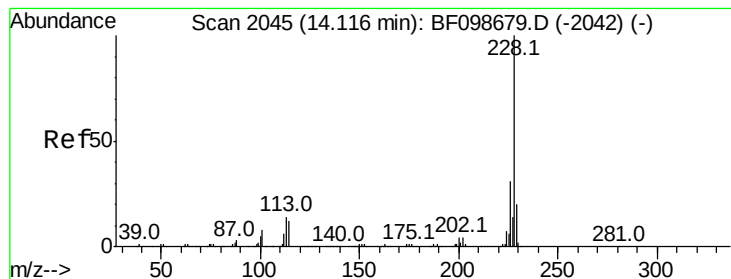
Tot Ion:228 Resp: 506690
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.9 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 28.668 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:252 Resp: 189870
Ion Ratio Lower Upper
252 100
254 64.9 50.4 75.6
126 12.1 11.3 16.9





#82

Chrysene

Concen: 26.998 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

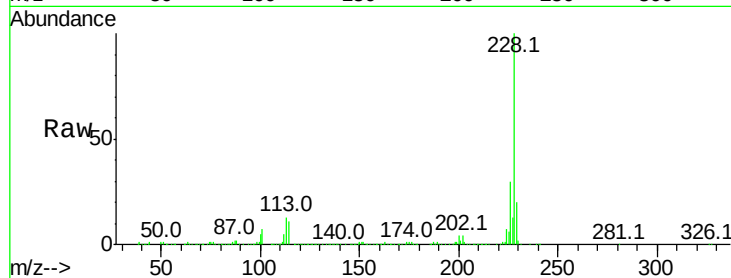
Tot Ion:228 Resp: 464378

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

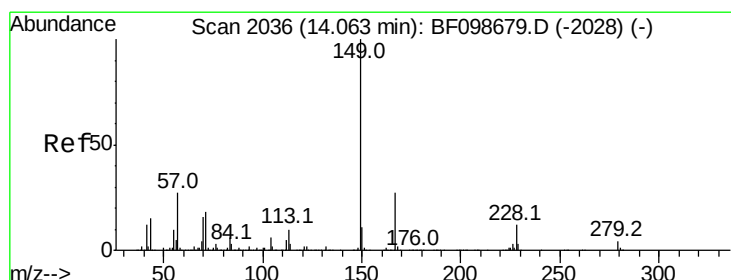
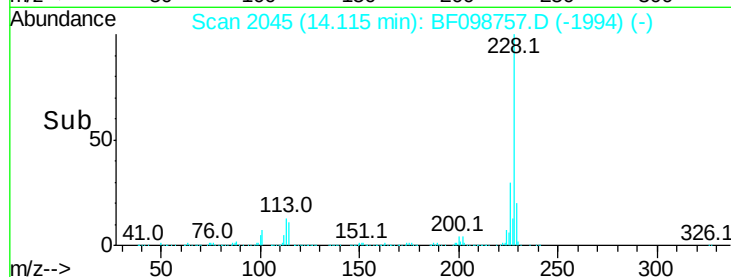
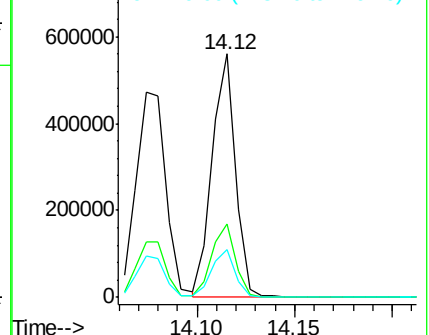
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 27.475 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

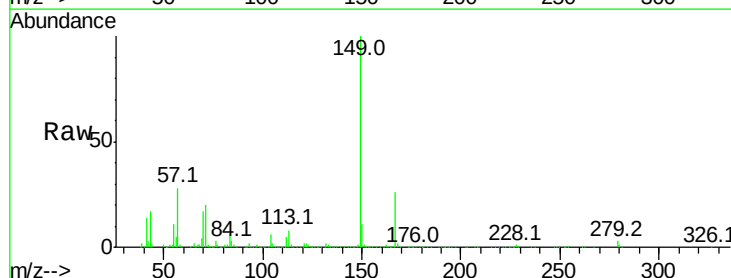
Tgt Ion:149 Resp: 404511

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

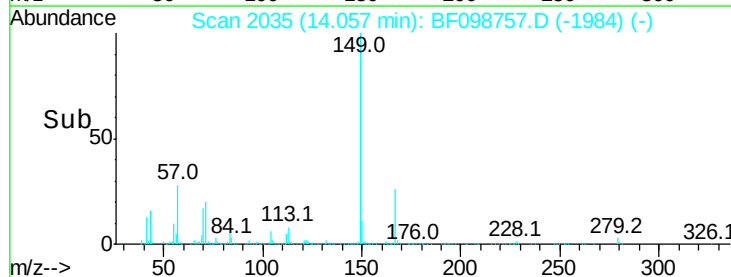
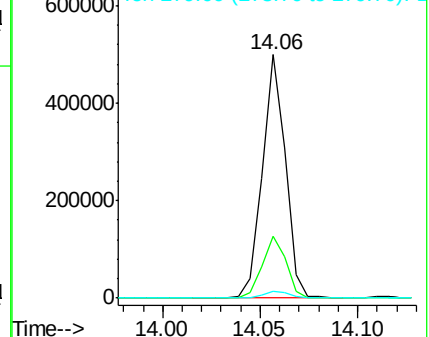
279 2.7 3.0 4.4#

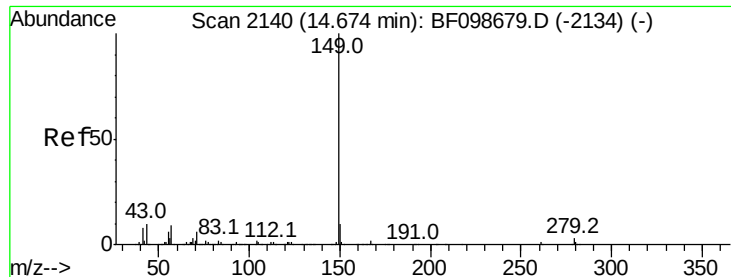


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 30.207 ng

RT: 14.67 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-2(0-5)MS

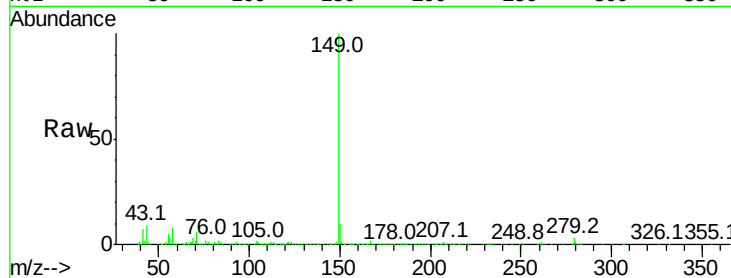
Tot Ion:149 Resp: 716123

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

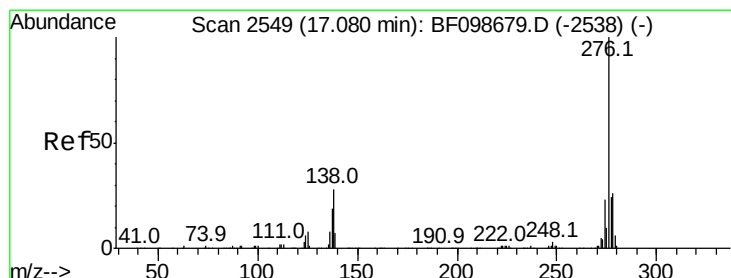
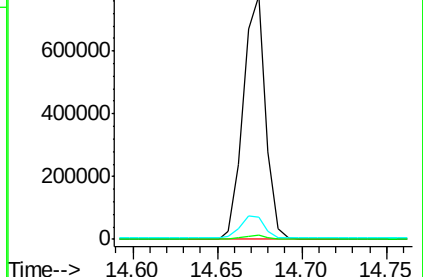
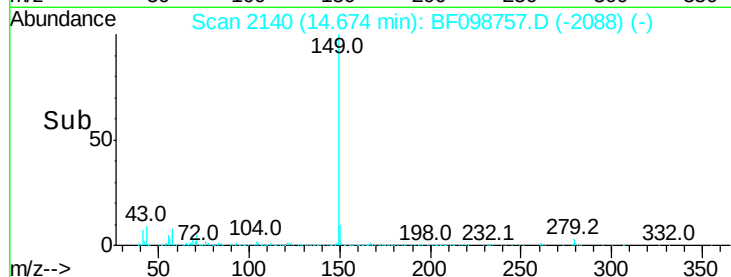
43 10.1 8.4 12.6



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): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 27.942 ng

RT: 17.09 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BF098757.D

Acq: 23 Sep 2017 23:49

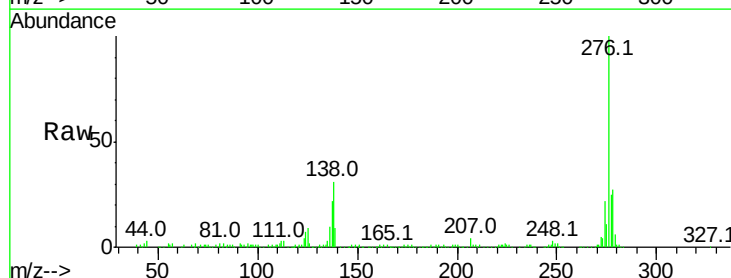
Tgt Ion:276 Resp: 384464

Ion Ratio Lower Upper

276 100

138 34.8 25.0 37.6

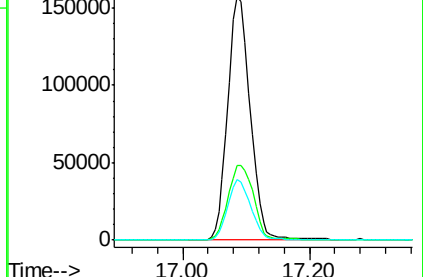
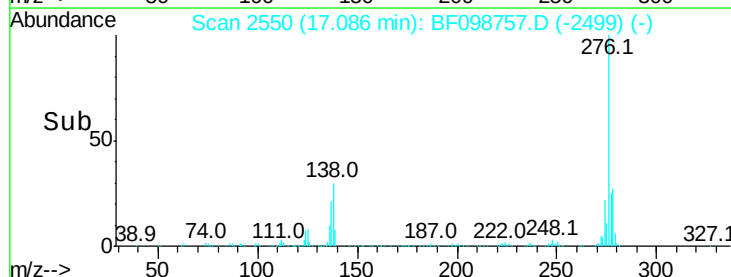
277 25.3 20.1 30.1

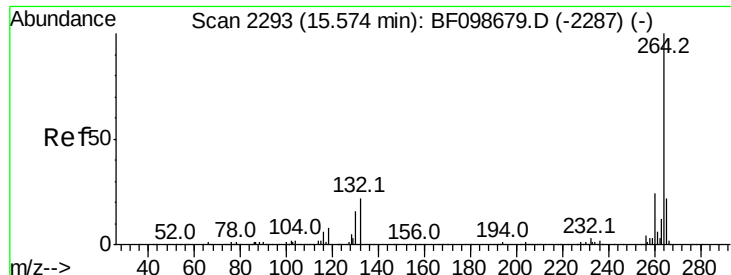


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



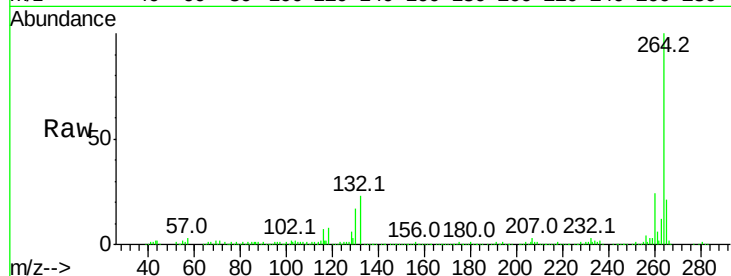


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

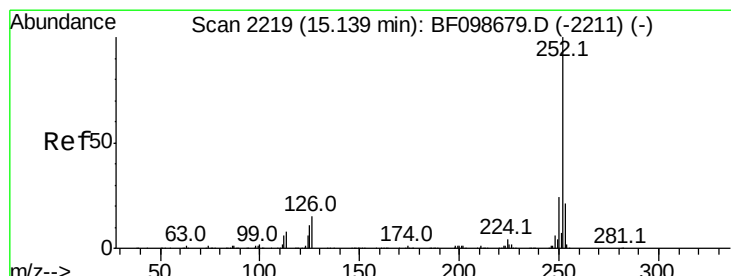
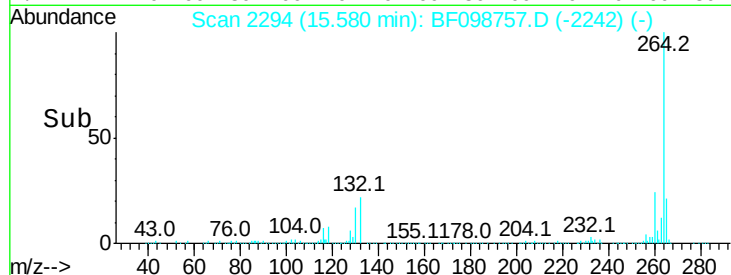
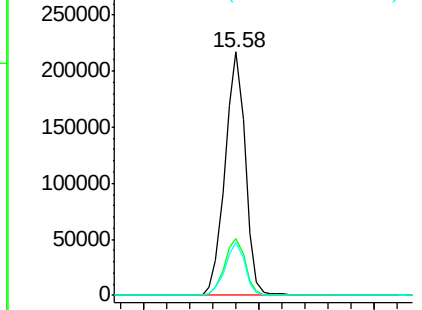
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

Tot Ion:264 Resp: 265328

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3



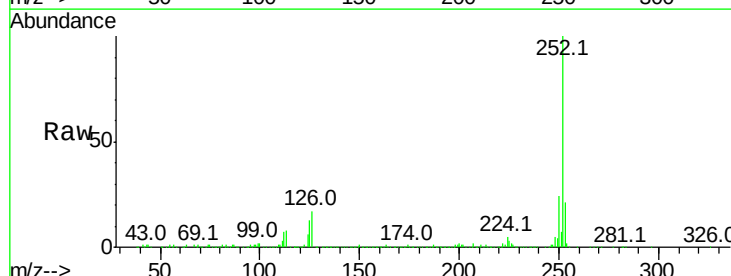
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



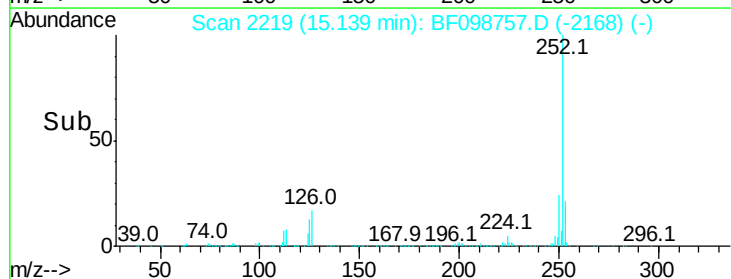
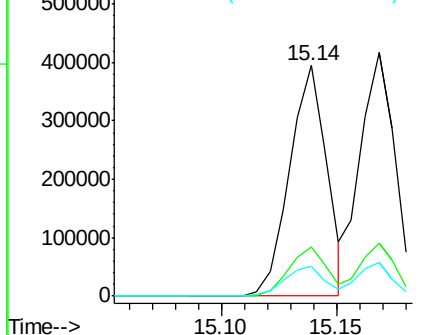
#87
Benzo(b)fluoranthene
Concen: 26.932 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

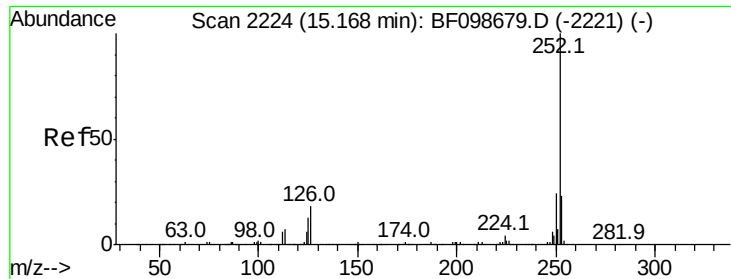
Tgt Ion:252 Resp: 439359

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	12.9	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

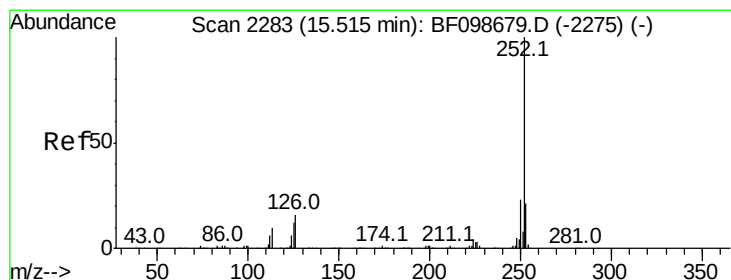
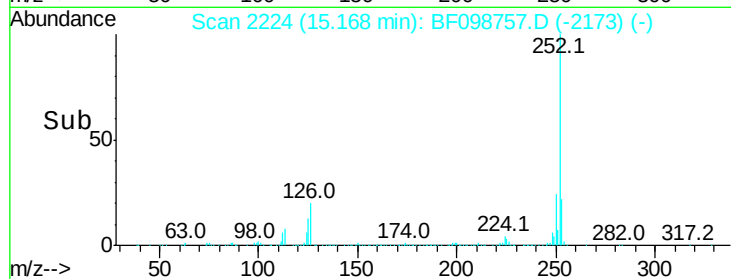
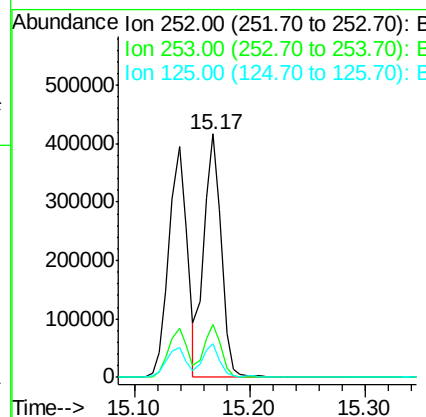
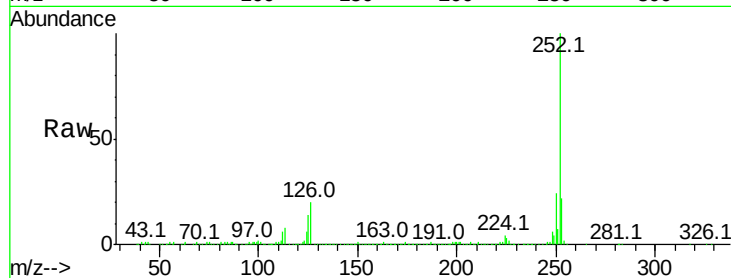




#88
Benzo(k)fluoranthene
Concen: 27.351 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

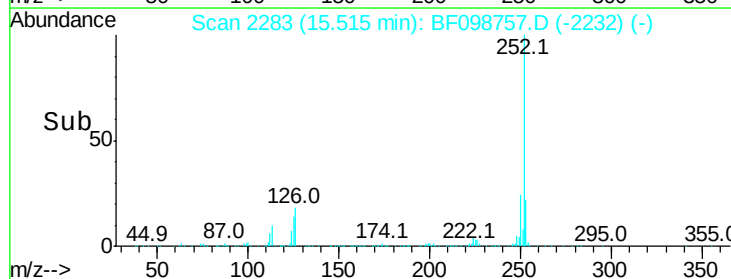
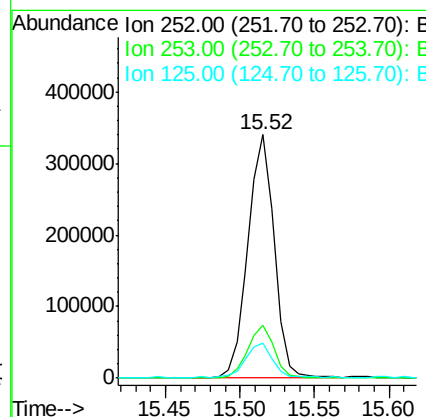
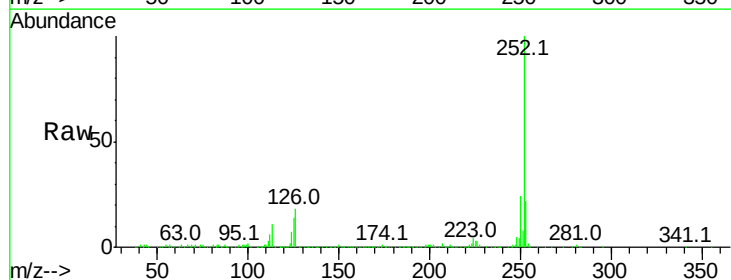
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

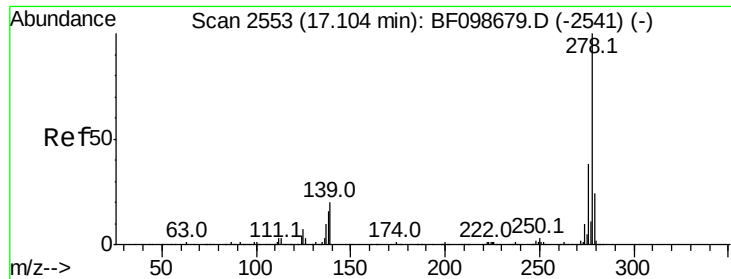
Tot Ion:252 Resp: 440709
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 27.752 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion:252 Resp: 415581
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.3 9.8 14.6

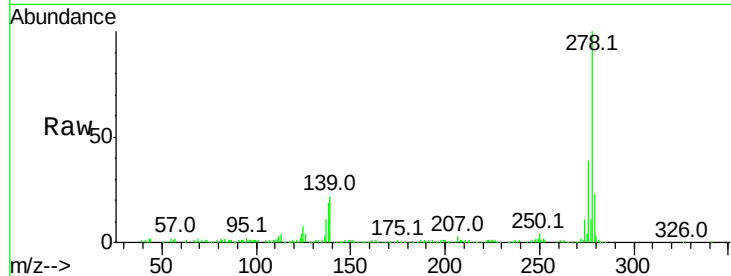




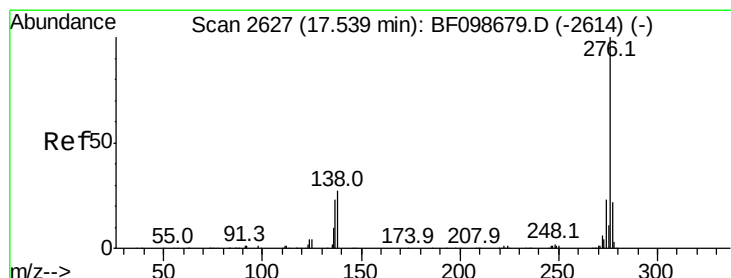
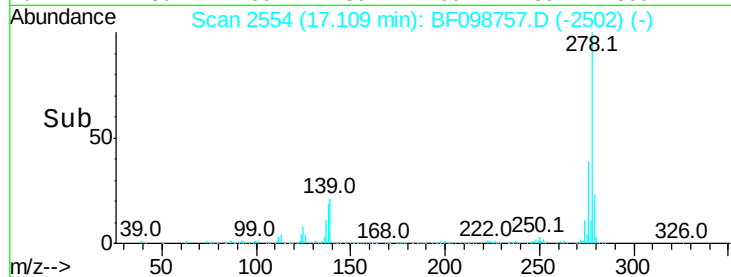
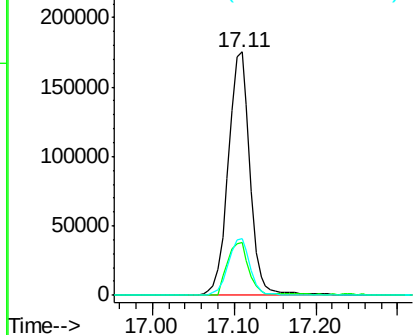
#90
Dibenzo(a,h)anthracene
Concen: 27.184 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	23.3	19.0	28.4

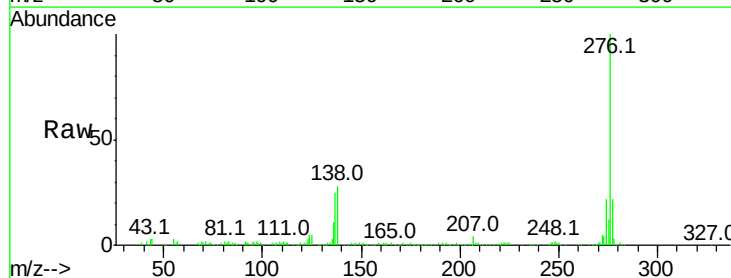


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 25.604 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF098757.D
Acq: 23 Sep 2017 23:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	27.9	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

