

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
 Data File : BF098650.D
 Acq On : 19 Sep 2017 19:24
 Operator : SJ/JU
 Sample : I5276-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

Quant Time: Sep 20 01:22:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	146813	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	561932	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	300500	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	787627	20.00	ng	0.00
75) Chrysene-d12	13.80	240	699127	20.00	ng	0.01
86) Perylene-d12	15.19	264	579480	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1037242	104.46	ng	0.00
7) Phenol-d6	6.30	99	1531641	121.49	ng	0.00
23) Nitrobenzene-d5	7.21	82	959406	95.18	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	343263	171.15	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1568272	88.46	ng	0.00
78) Terphenyl-d14	12.74	244	2336221	72.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	143154	27.93	ng	90
3) Pyridine	2.92	79	306323	22.51	ng	# 82
4) n-Nitrosodimethylamine	2.90	42	189818	28.45	ng	86
6) Aniline	6.30	93	522375	33.03	ng	# 46
8) 2-Chlorophenol	6.42	128	459248	42.06	ng	98
9) Benzaldehyde	6.18	77	173920	21.10	ng	95
10) Phenol	6.31	94	614939	41.99	ng	94
11) bis(2-Chloroethyl)ether	6.37	93	427813	38.75	ng	94
12) 1,3-Dichlorobenzene	6.57	146	416551	37.90	ng	98
13) 1,4-Dichlorobenzene	6.65	146	429149	38.12	ng	95
14) 1,2-Dichlorobenzene	6.80	146	351002	34.22	ng	99
15) Benzyl Alcohol	6.79	79	376170	44.83	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.92	45	564126	31.05	ng	# 38
17) 2-Methylphenol	6.91	107	344748	38.72	ng	# 84
18) Hexachloroethane	7.13	117	145958	33.86	ng	# 87
19) n-Nitroso-di-n-propylamine	7.06	70	317670	40.06	ng	99
20) 3+4-Methylphenols	7.07	107	473145	42.11	ng	# 67
22) Acetophenone	7.05	105	636163	43.80	ng	# 91
24) Nitrobenzene	7.23	77	516104	44.95	ng	96
25) Isophorone	7.47	82	980254	48.07	ng	98
26) 2-Nitrophenol	7.54	139	226479	48.86	ng	# 81
27) 2,4-Dimethylphenol	7.59	122	339069	38.37	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	511627	41.11	ng	98
29) 2,4-Dichlorophenol	7.79	162	361651	49.21	ng	95
30) 1,2,4-Trichlorobenzene	7.86	180	356049	44.53	ng	98
31) Naphthalene	7.94	128	1181340	42.53	ng	99
32) Benzoic acid	7.70	122	13268	9.84	ng	94
33) 4-Chloroaniline	8.00	127	473529	41.94	ng	98
34) Hexachlorobutadiene	8.05	225	180809	44.05	ng	100
35) Caprolactam	8.40	113	57415	22.65	ng	# 82
36) 4-Chloro-3-methylphenol	8.50	107	443725	48.68	ng	# 82
37) 2-Methylnaphthalene	8.63	142	821733	48.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	360276	38.49	ng	99
40) Hexachlorocyclopentadiene	8.77	237	214828	78.57	ng	99

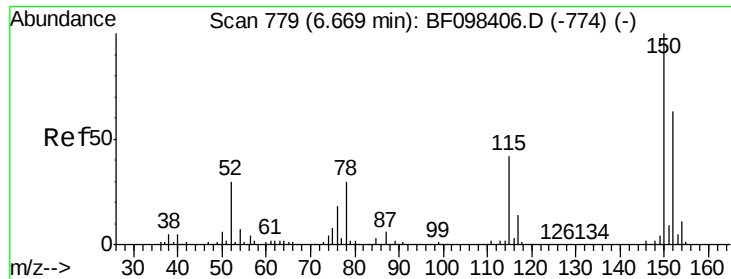
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	243888	44.36	nq	93
43) 2,4,5-Trichlorophenol	8.97	196	267192	46.49	nq	93
45) 1,1'-Biphenyl	9.09	154	1049139	39.01	nq	98
46) 2-Chloronaphthalene	9.12	162	807691	42.05	nq	95
47) 2-Nitroaniline	9.23	65	323641	43.90	nq	95
48) Acenaphthylene	9.53	152	1230188	43.07	nq	99
49) Dimethylphthalate	9.41	163	1260468	54.19	nq	99
50) 2,6-Dinitrotoluene	9.47	165	237711	49.75	nq	# 67
51) Acenaphthene	9.70	154	782766	43.12	nq	98
52) 3-Nitroaniline	9.65	138	247834	42.97	nq	99
53) 2,4-Dinitrophenol	9.76	184	180638	79.98	nq	# 83
54) Dibenzofuran	9.87	168	1157130	48.38	nq	95
55) 4-Nitrophenol	9.84	139	296873	89.59	nq	# 40
56) 2,4-Dinitrotoluene	9.89	165	324659	55.89	nq	# 76
57) Fluorene	10.22	166	938855	47.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	227584	58.93	nq	92
59) Diethylphthalate	10.10	149	1090575	49.30	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	448967	49.10	nq	91
61) 4-Nitroaniline	10.27	138	278280	47.77	nq	81
62) Azobenzene	10.37	77	1032302	43.30	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	193622	40.90	nq	# 70
65) n-Nitrosodiphenylamine	10.34	169	862024	33.71	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	281236	37.62	nq	95
67) Hexachlorobenzene	10.76	284	287582	37.93	nq	# 82
68) Atrazine	10.87	200	337131	42.82	nq	98
69) Pentachlorophenol	10.97	266	267035	79.60	nq	98
70) Phenanthrene	11.18	178	1775419	42.52	nq	98
71) Anthracene	11.23	178	1834426	42.79	nq	98
72) Carbazole	11.39	167	1755183	43.93	nq	99
73) Di-n-butylphthalate	11.72	149	2230756	46.60	nq	100
74) Fluoranthene	12.36	202	2095511	50.13	nq	99
77) Pyrene	12.59	202	2171572	39.37	nq	100
79) Butylbenzylphthalate	13.21	149	1050565	43.91	nq	# 79
80) Benzo(a)anthracene	13.78	228	1761091	42.97	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	588249	36.93	nq	# 97
82) Chrysene	13.82	228	1768860	42.69	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1365086	45.46	nq	# 99
84) Di-n-octyl phthalate	14.38	149	2096750	40.70	nq	99
85) Indeno(1,2,3-cd)pyrene	16.55	276	1283659	44.16	nq	93
87) Benzo(b)fluoranthene	14.80	252	1586310	43.54	nq	98
88) Benzo(k)fluoranthene	14.83	252	1177549	34.62	nq	# 96
89) Benzo(a)pyrene	15.14	252	1324440	40.80	nq	99
90) Dibenzo(a,h)anthracene	16.54	278	1060040	44.89	nq	99
91) Benzo(g,h,i)perylene	16.94	276	923449	38.88	nq	# 91

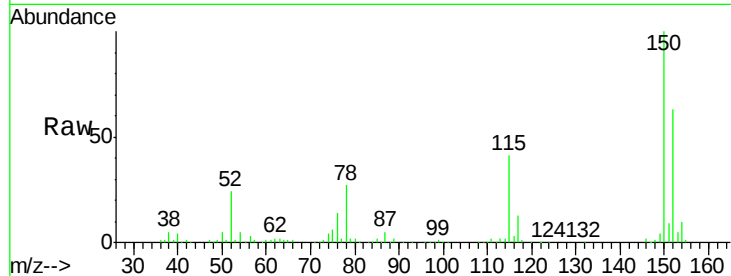
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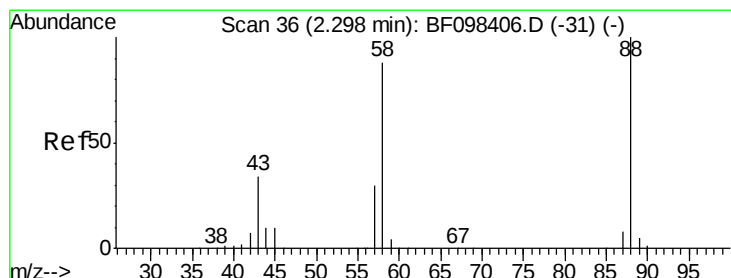
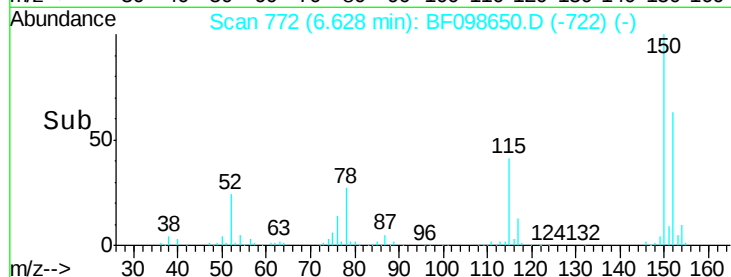
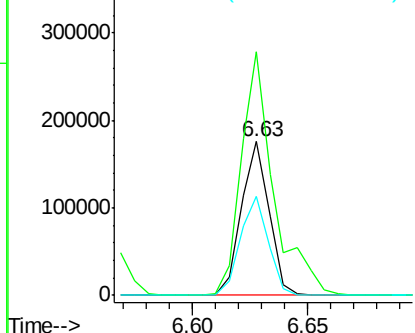
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

Tot Ion:152 Resp: 146813
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 64.2 52.2 78.2

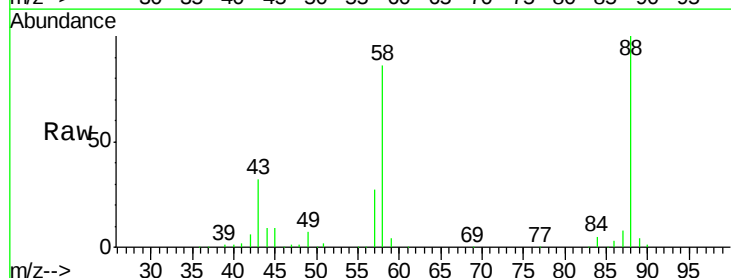


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

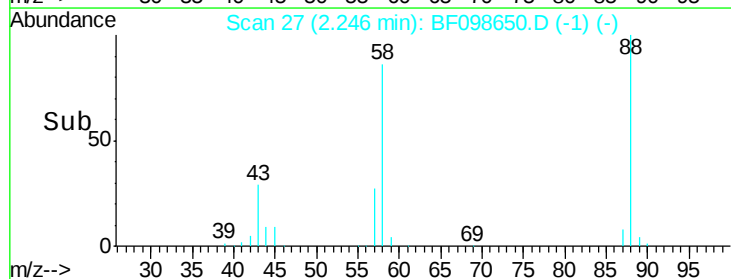
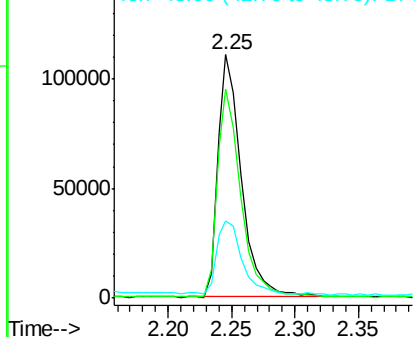


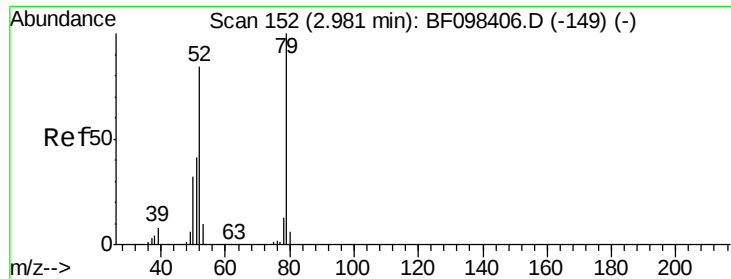
#2
 1,4-Dioxane
 Concen: 27.93 ng
 RT: 2.25 min Scan# 27
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion: 88 Resp: 143154
 Ion Ratio Lower Upper
 88 100
 58 87.2 61.4 92.0
 43 32.0 23.4 35.0



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: 22.51 ng

RT: 2.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

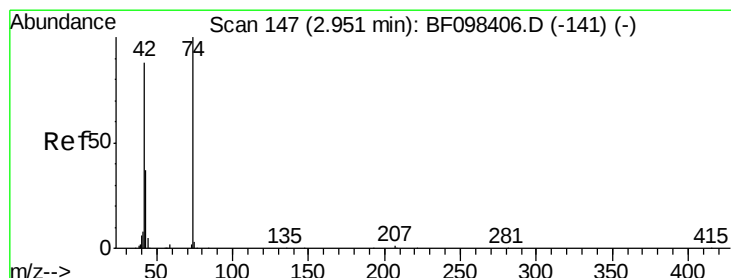
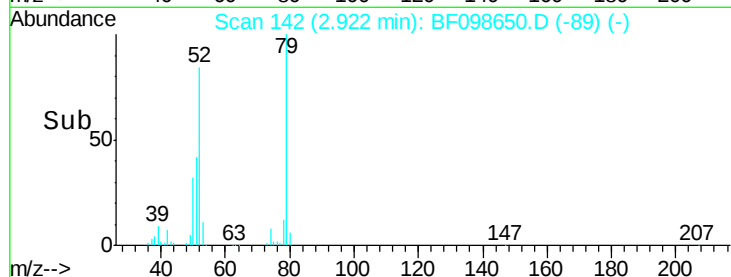
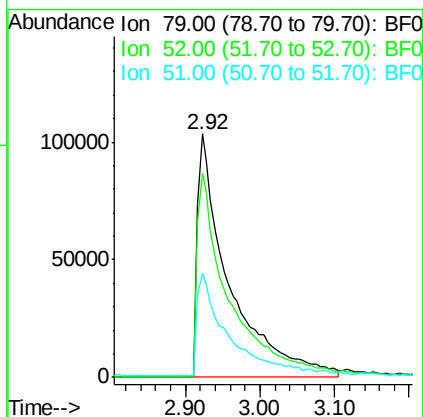
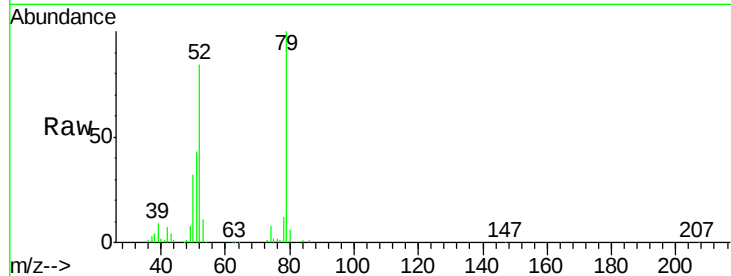
Tot Ion: 79 Resp: 306323

Ion Ratio Lower Upper

79 100

52 83.7 54.8 82.2#

51 42.9 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 28.45 ng

RT: 2.90 min Scan# 138

Delta R.T. 0.02 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

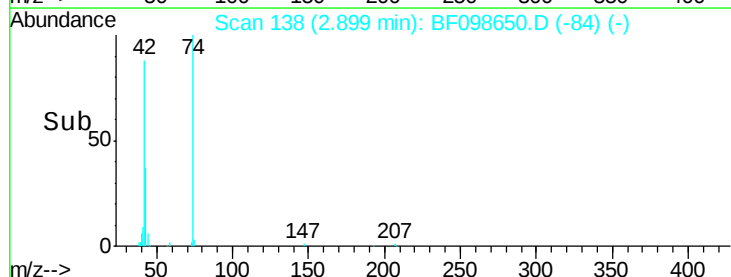
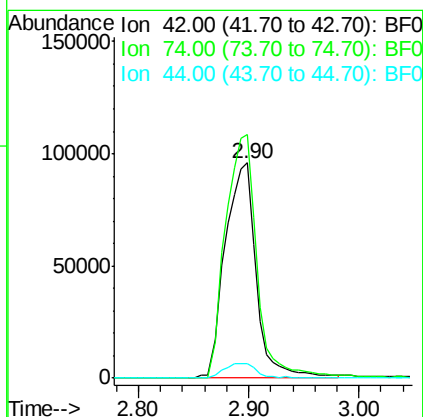
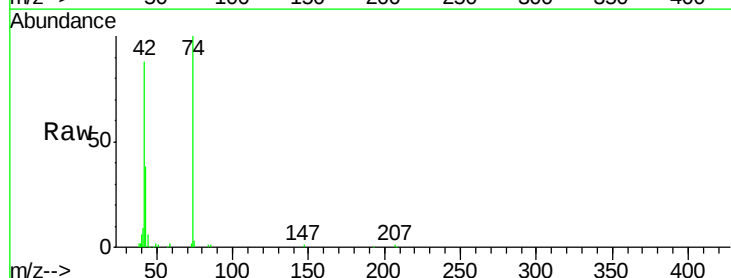
Tgt Ion: 42 Resp: 189818

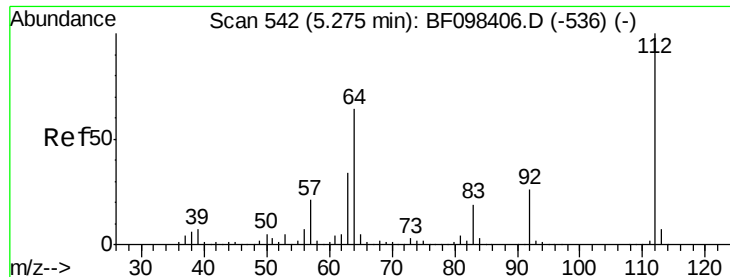
Ion Ratio Lower Upper

42 100

74 113.3 103.9 155.9

44 6.6 5.7 8.5





#5

2-Fluorophenol

Concen: 104.46 ng

RT: 5.24 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

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SASP2P-ENV-117-4(0-5)MSD

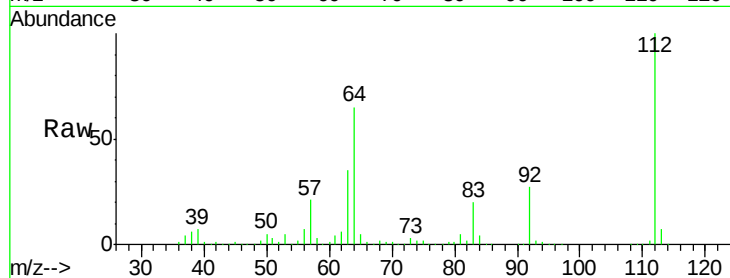
Tot Ion:112 Resp: 1037242

Ion Ratio Lower Upper

112 100

64 65.3 46.0 69.0

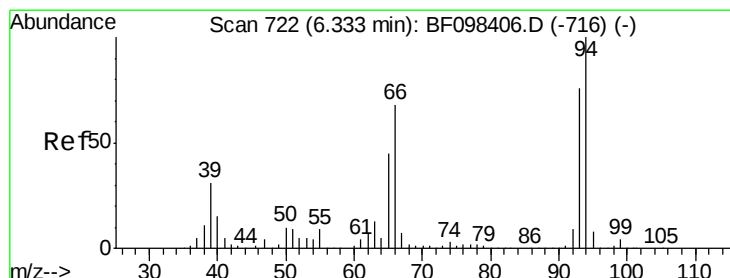
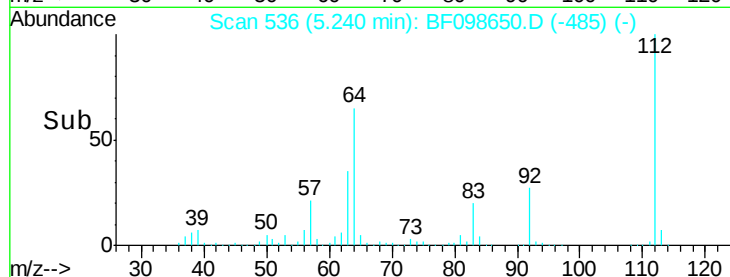
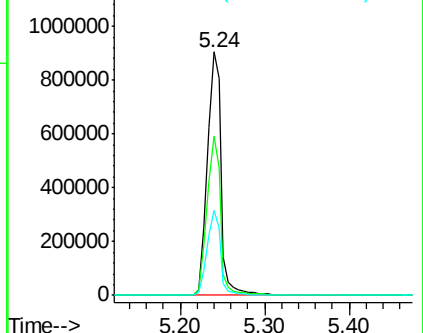
63 34.8 23.4 35.0



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: 33.03 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

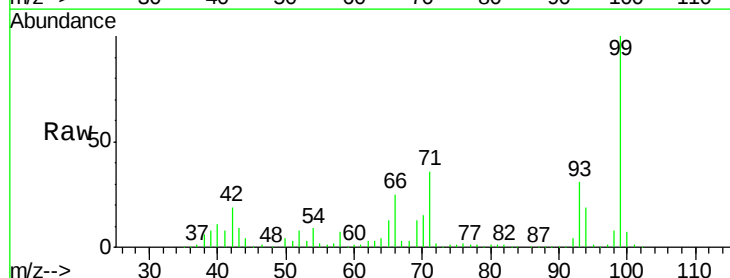
Tgt Ion: 93 Resp: 522375

Ion Ratio Lower Upper

93 100

66 78.1 32.9 49.3#

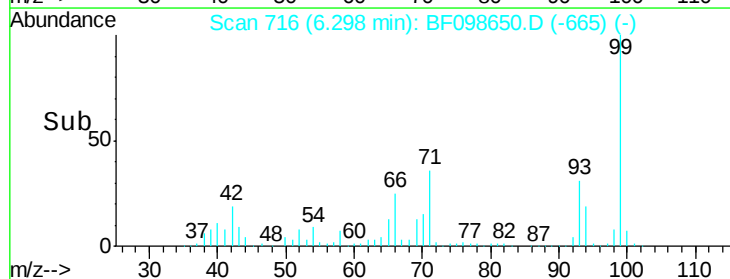
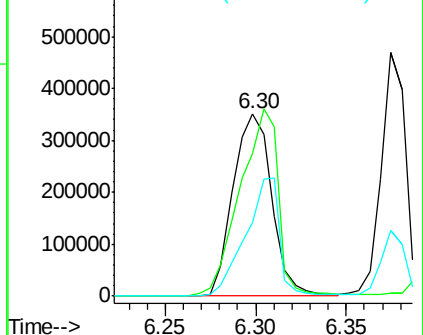
65 40.4 16.0 24.0#

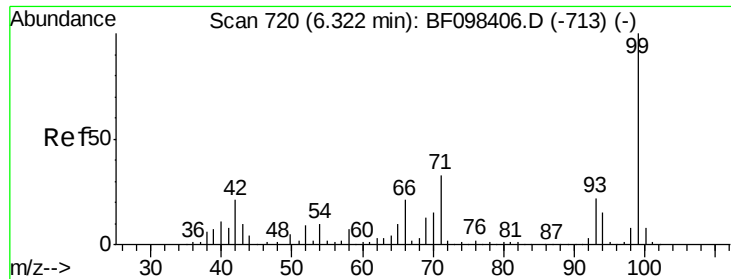


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.49 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

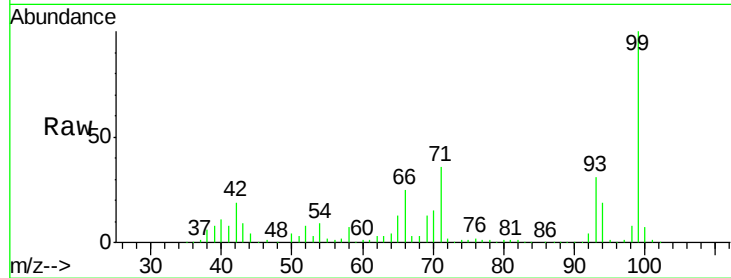
BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

Tot Ion: 99 Resp: 1531641

Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.5	20.3
71	35.8	24.5	36.7

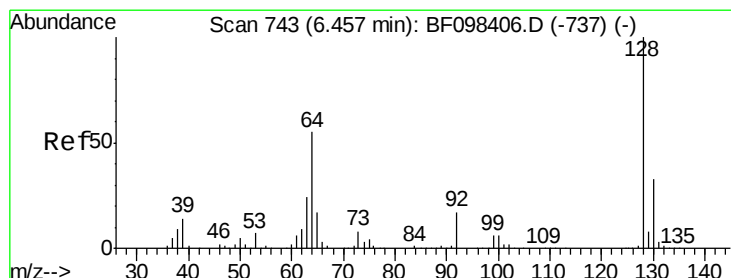
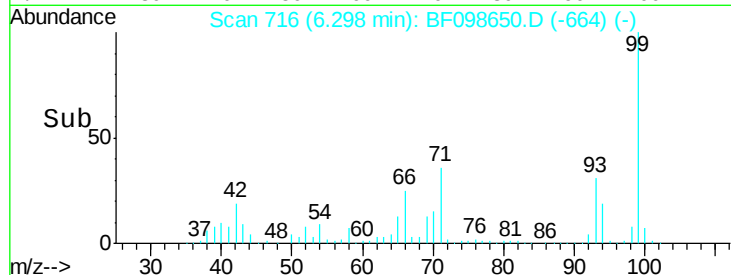
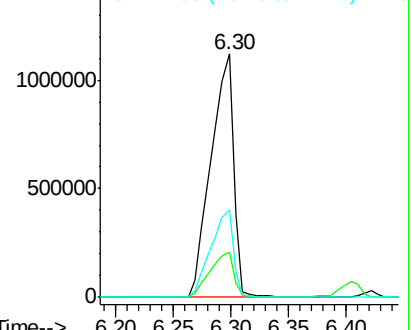


Abundance

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: 42.06 ng

RT: 6.42 min Scan# 737

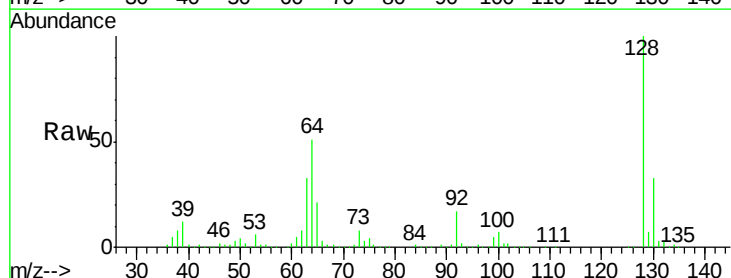
Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Tgt Ion: 128 Resp: 459248

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	50.7	28.4	68.4

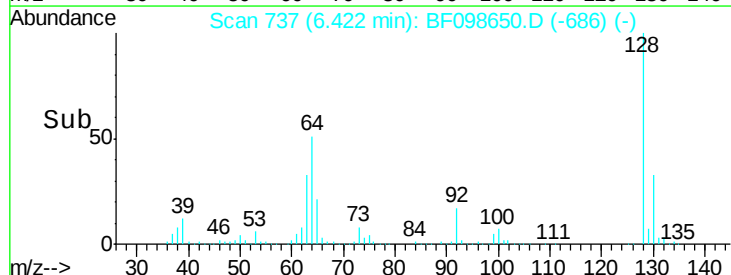
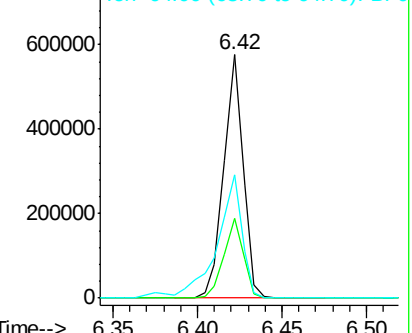


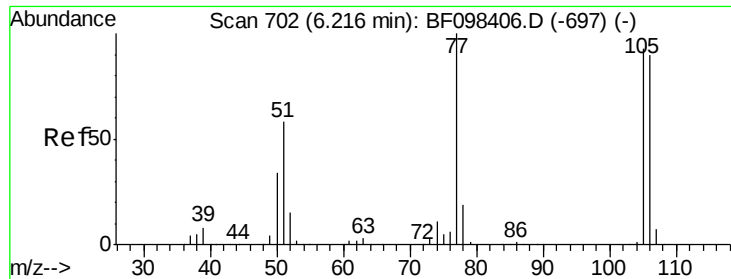
Abundance

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: 21.10 ng

RT: 6.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF098650.D

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Instrument :

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ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

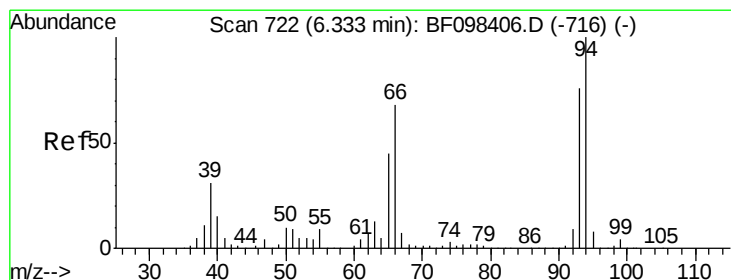
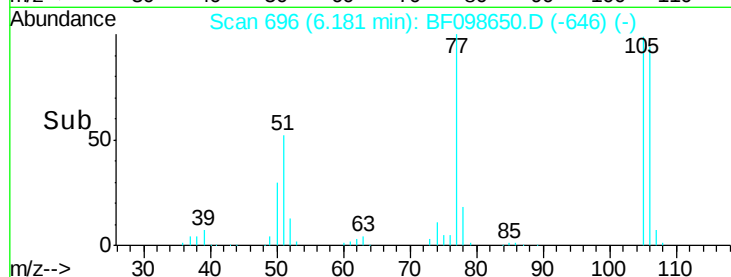
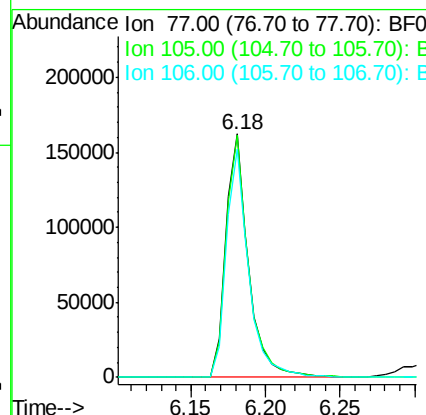
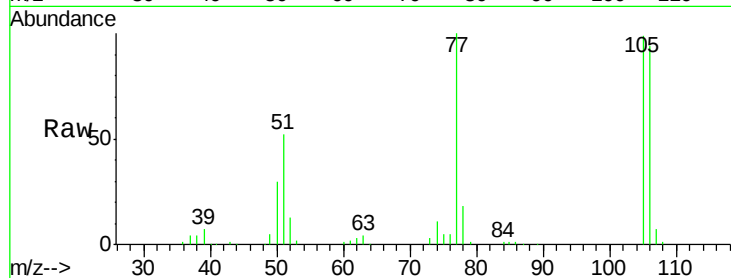
Tot Ion: 77 Resp: 173920

Ion Ratio Lower Upper

77 100

105 99.4 83.8 123.8

106 93.7 79.1 119.1



#10

Phenol

Concen: 41.99 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

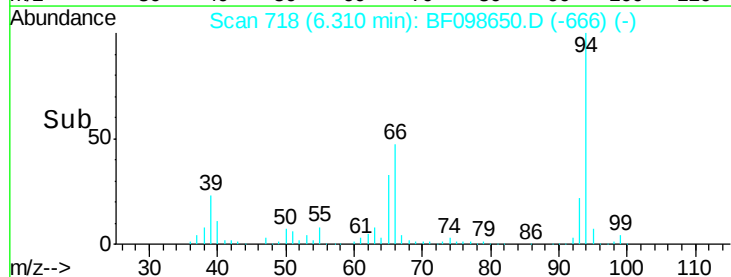
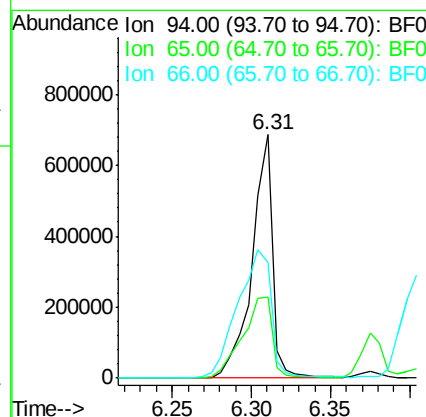
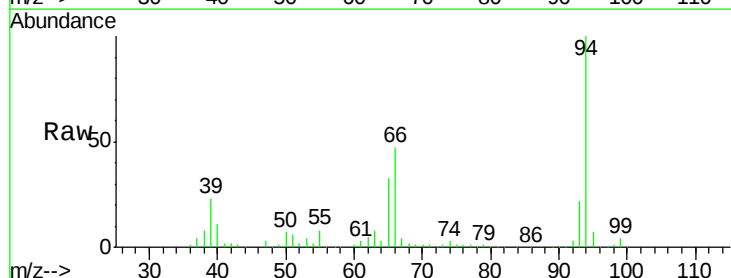
Tgt Ion: 94 Resp: 614939

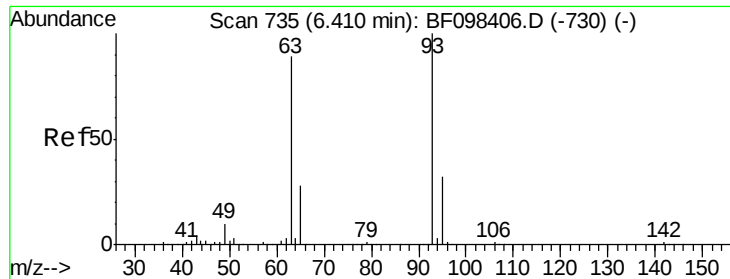
Ion Ratio Lower Upper

94 100

65 33.2 9.9 49.9

66 47.4 23.1 63.1

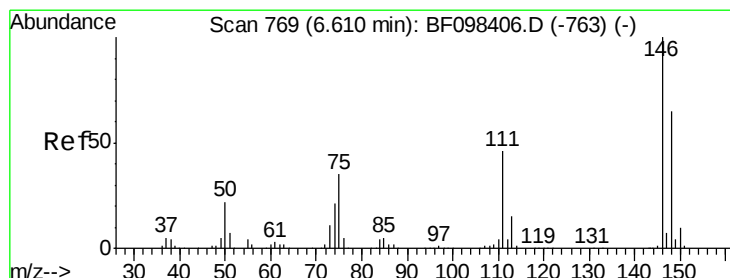
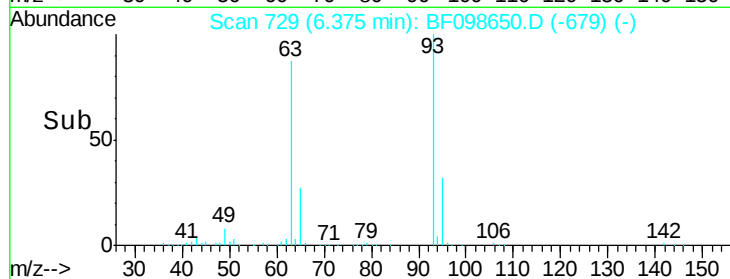
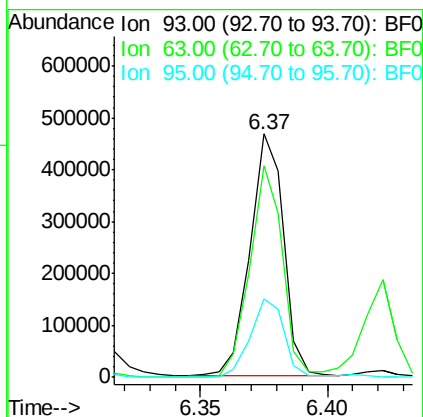
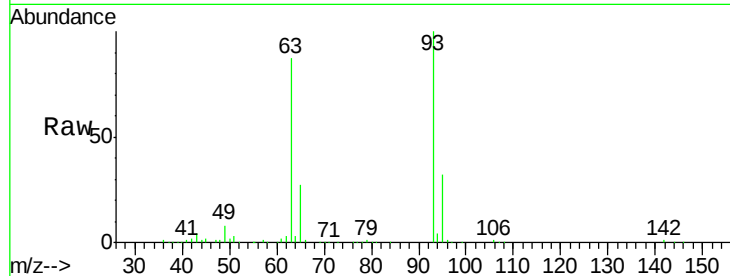




#11
 bis(2-Chloroethyl)ether
 Concen: 38.75 ng
 RT: 6.37 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

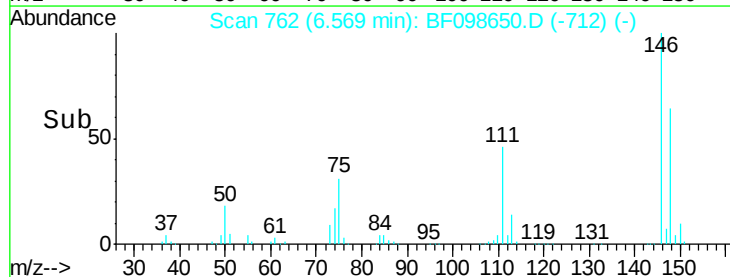
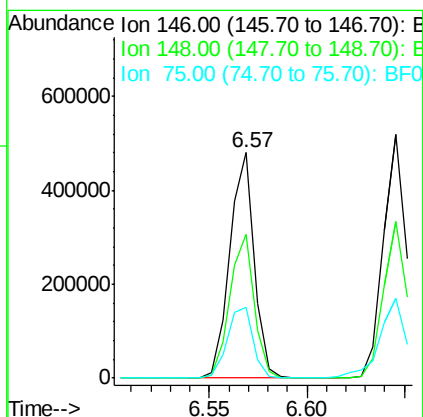
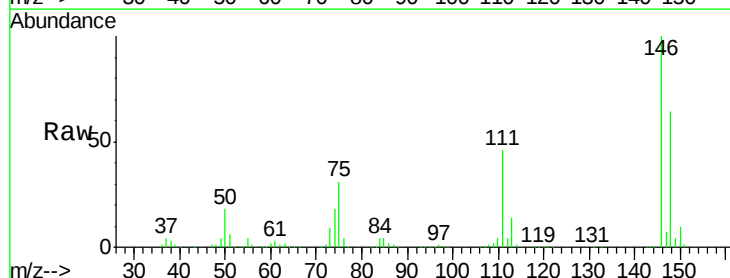
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

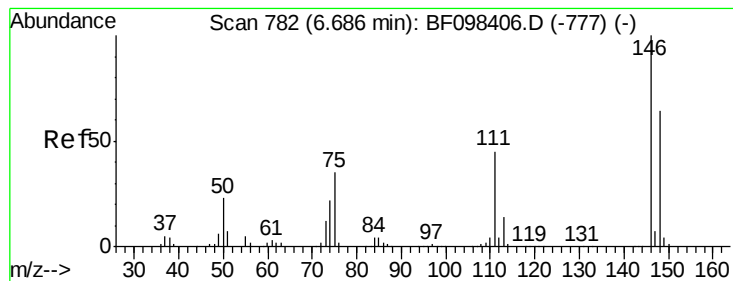
Tot Ion: 93 Resp: 427813
 Ion Ratio Lower Upper
 93 100
 63 86.8 59.2 99.2
 95 32.2 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 37.90 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion: 146 Resp: 416551
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 75 31.4 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.12 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

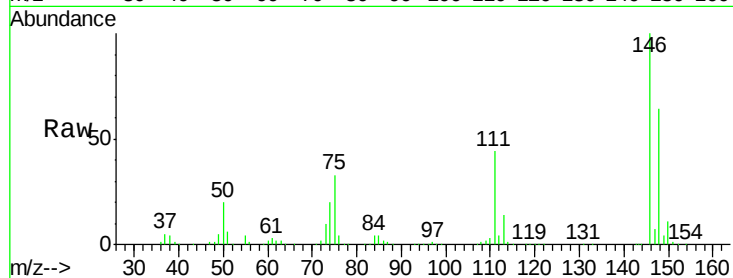
Tot Ion:146 Resp: 429149

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

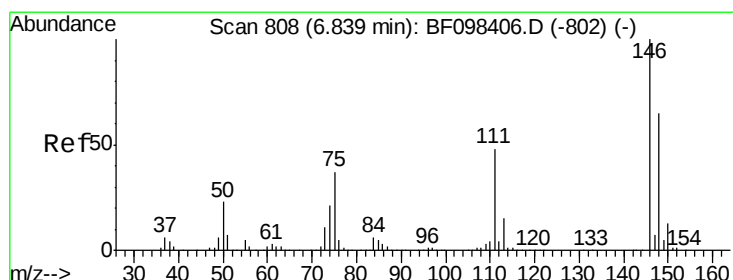
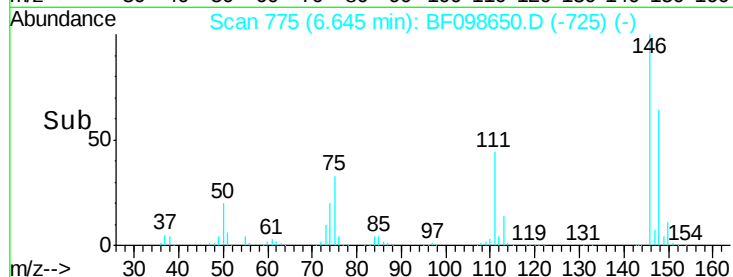
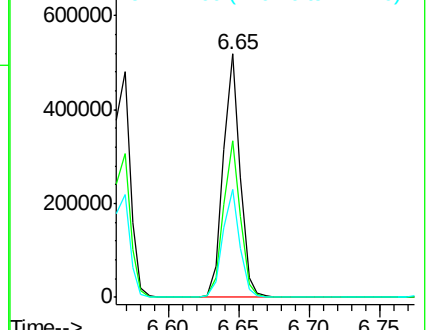
111 44.4 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.22 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

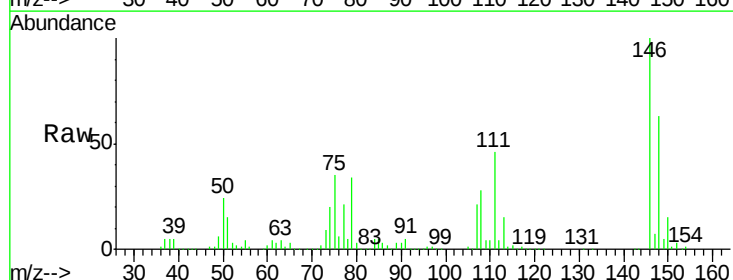
Tgt Ion:146 Resp: 351002

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

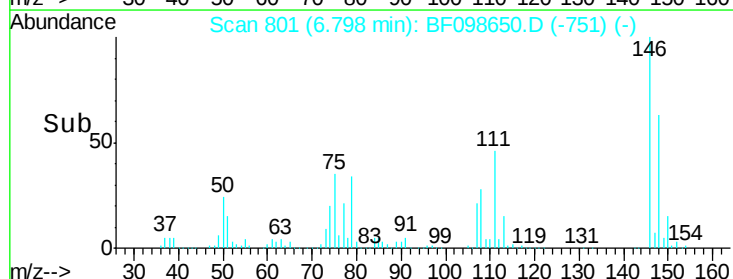
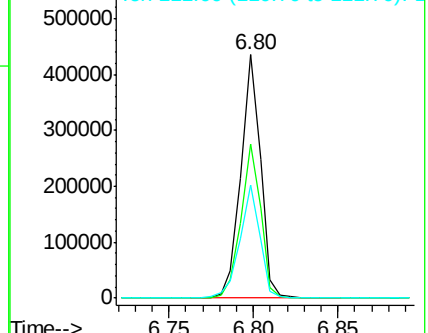
111 46.4 38.2 57.4

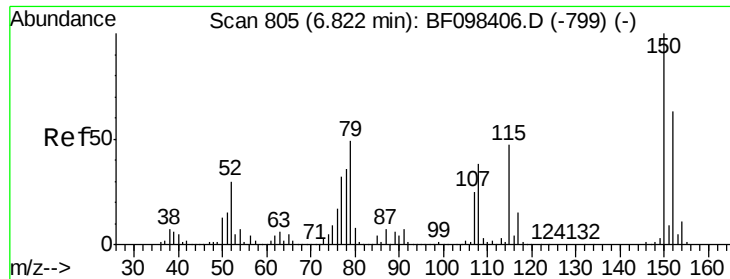


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.83 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

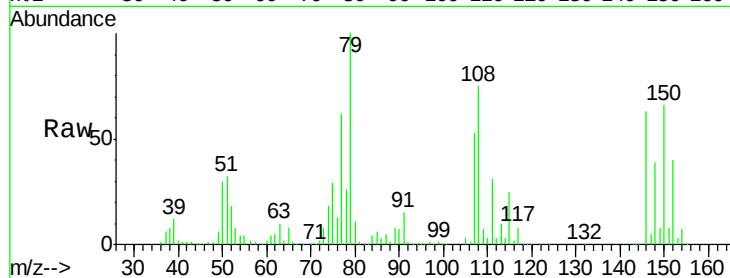
Tot Ion: 79 Resp: 376170

Ion Ratio Lower Upper

79 100

108 74.8 63.4 95.0

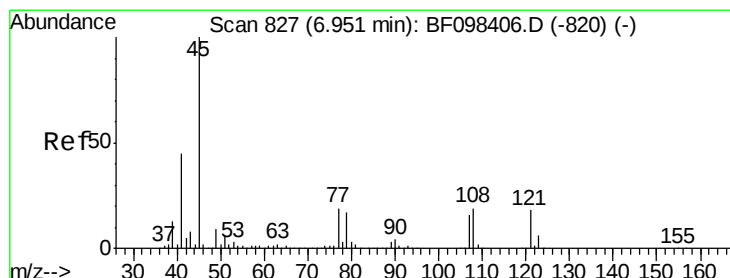
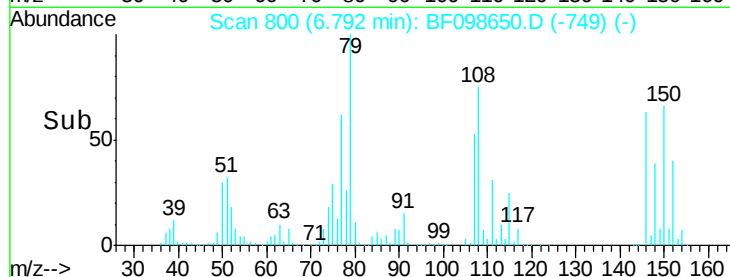
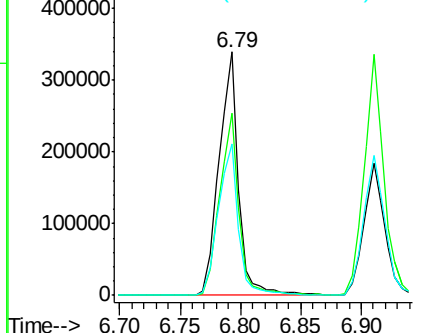
77 62.4 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.05 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

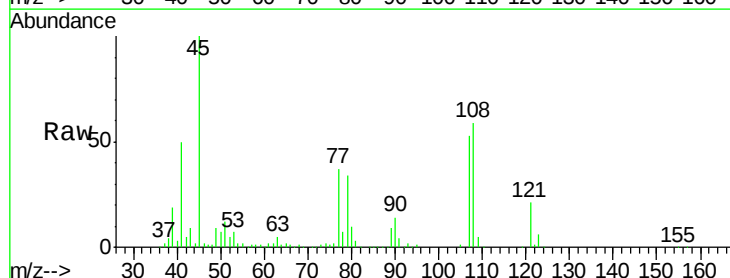
Tgt Ion: 45 Resp: 564126

Ion Ratio Lower Upper

45 100

77 37.2 0.0 33.2#

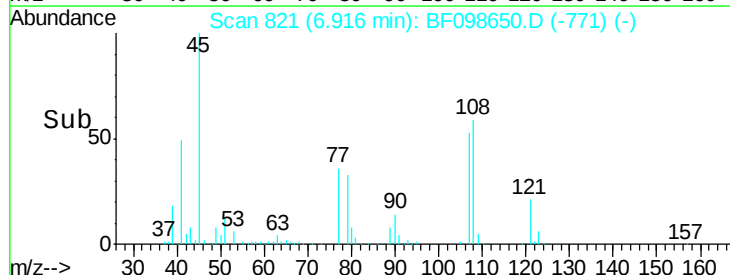
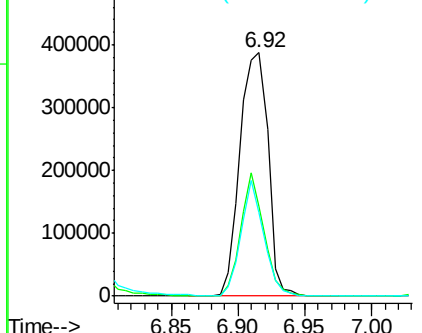
79 34.2 0.0 30.0#

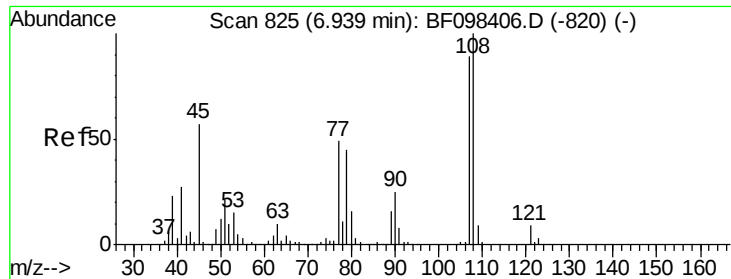


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

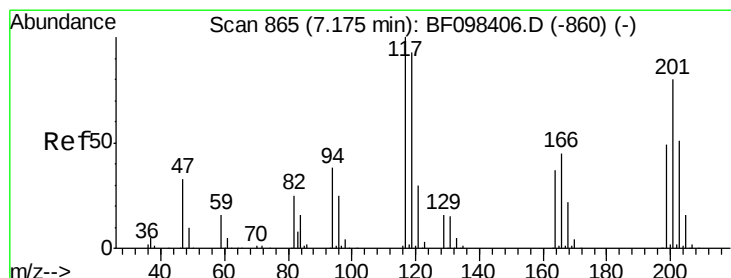
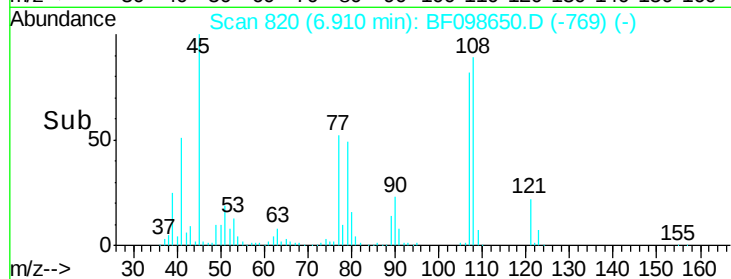
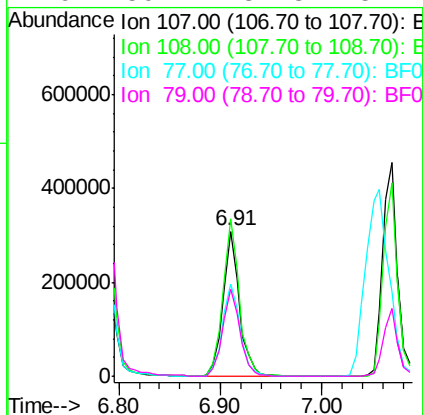
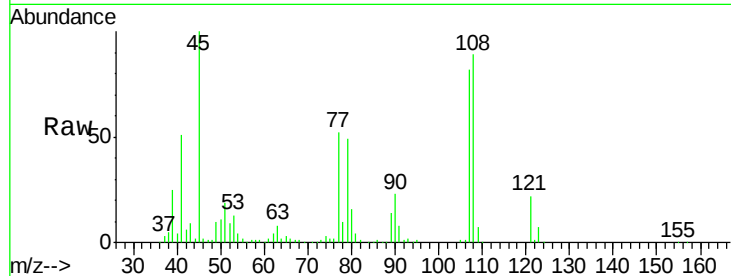




#17
2-Methylphenol
Concen: 38.72 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

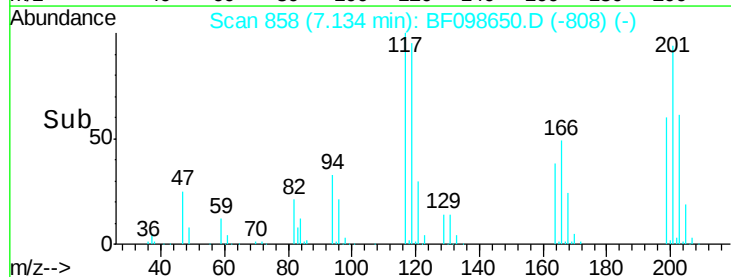
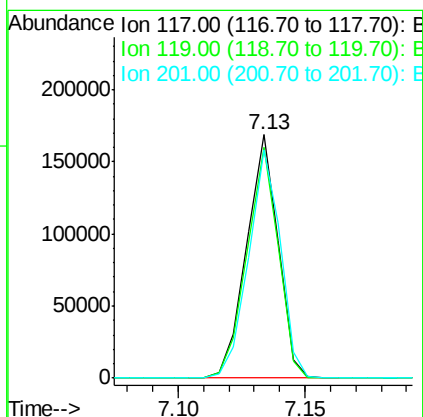
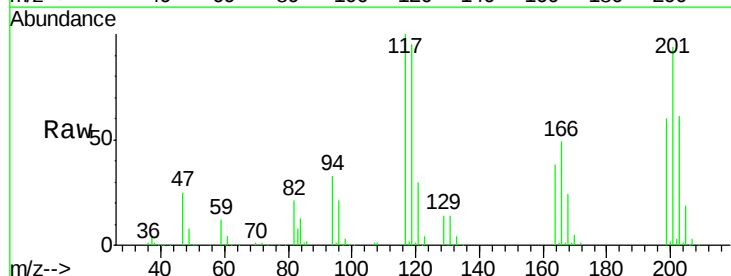
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

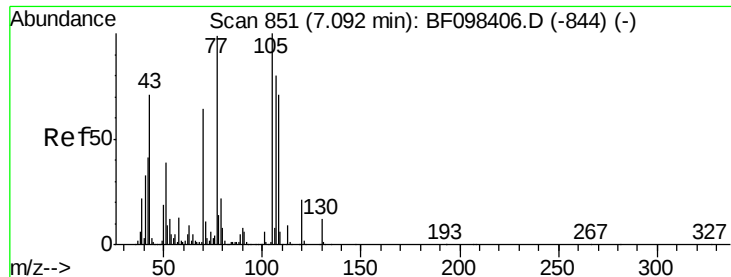
Tot Ion:107 Resp: 344748
Ion Ratio Lower Upper
107 100
108 108.6 93.4 140.0
77 63.2 35.8 53.6#
79 59.7 34.8 52.2#



#18
Hexachloroethane
Concen: 33.86 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:117 Resp: 145958
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.0
201 93.6 94.6 141.8#

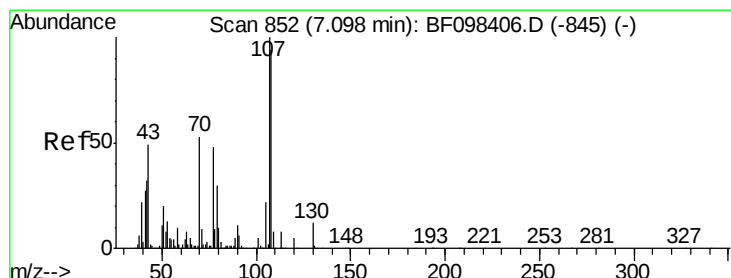
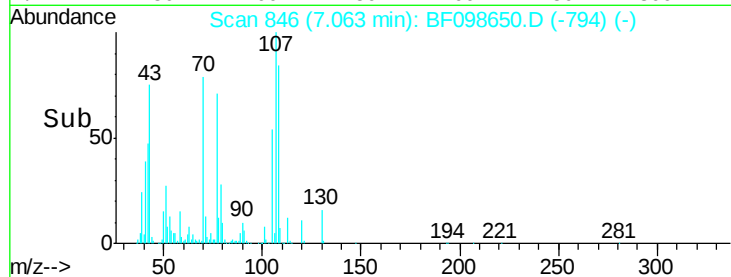
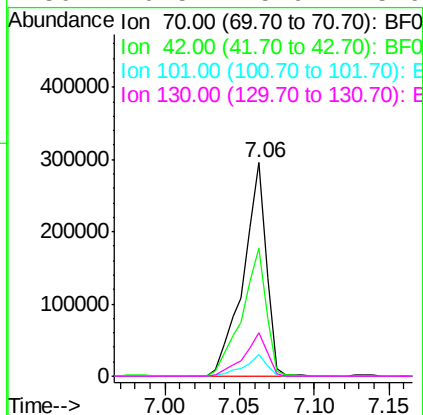
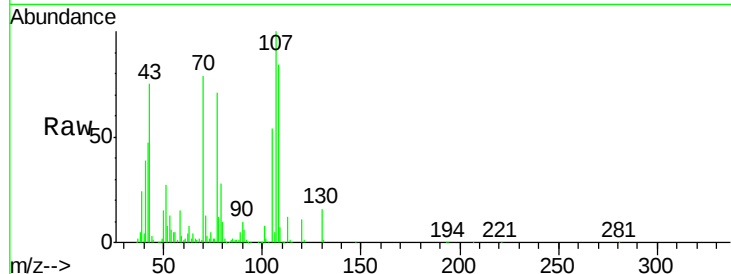




#19
 n-Nitroso-di-n-propylamine
 Concen: 40.06 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

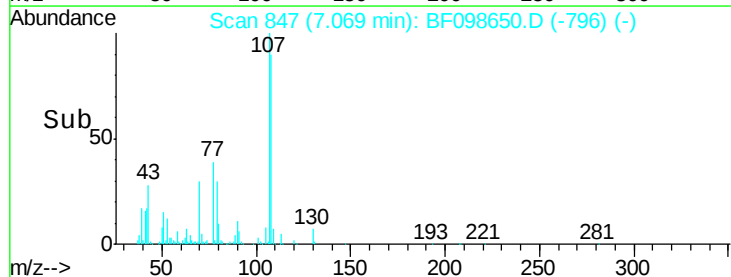
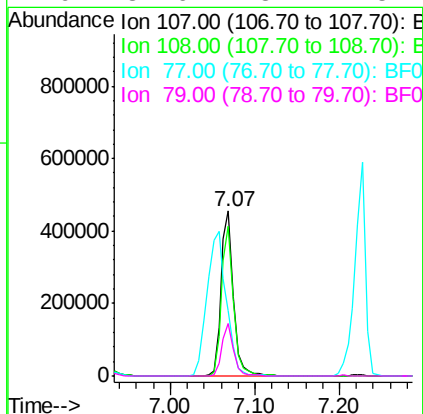
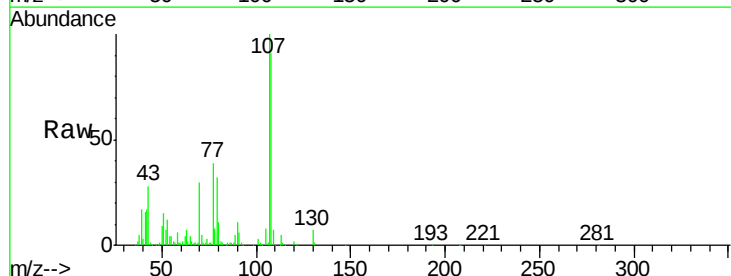
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

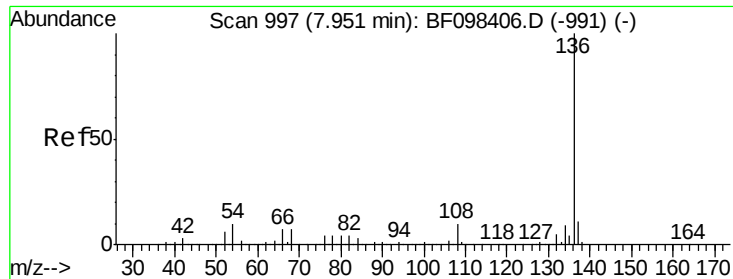
Tot Ion:	70	Resp:	317670
Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.2	70.8
101	9.9	7.2	10.8
130	20.5	15.9	23.9



#20
 3+4-Methylphenols
 Concen: 42.11 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion:	107	Resp:	473145
Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.0	111.0
77	39.4	90.5	130.5#
79	31.6	8.4	48.4

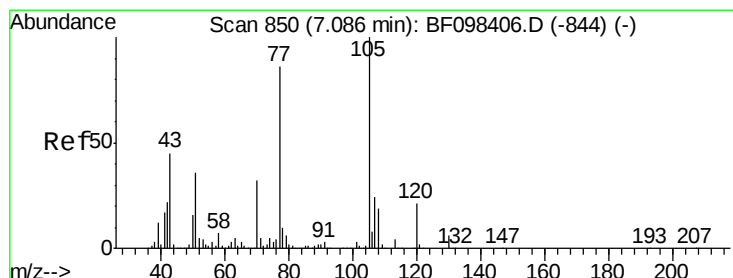
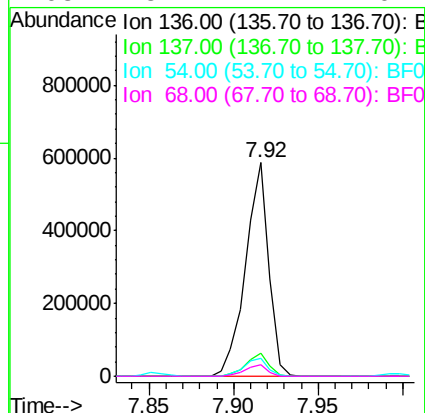
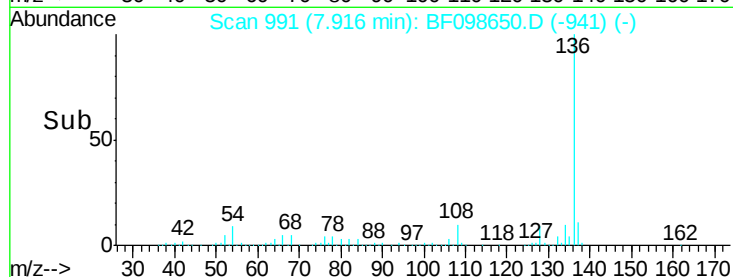
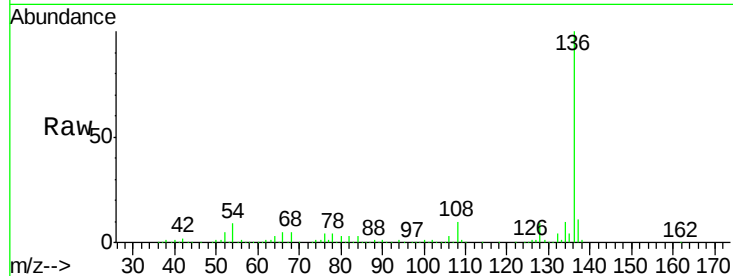




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

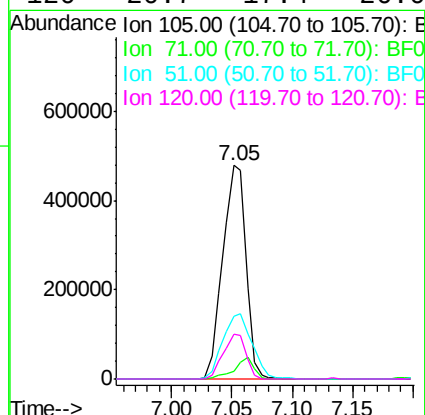
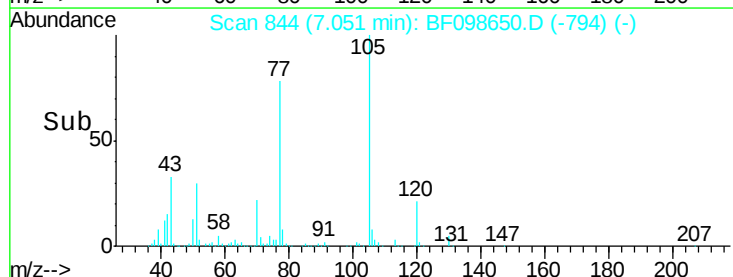
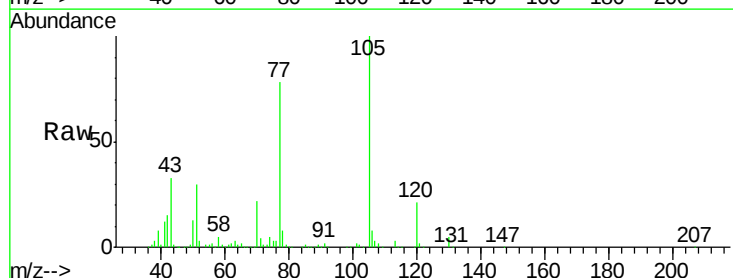
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

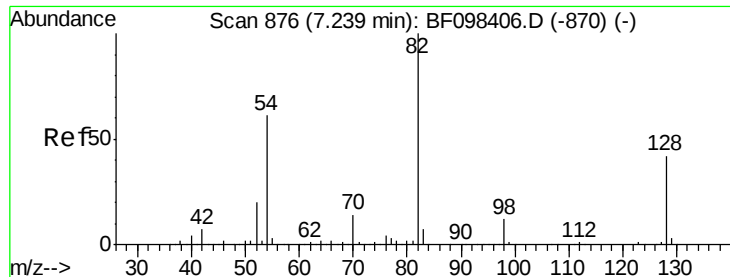
Tot Ion:136	Resp:	561932
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	8.6	4.9 7.3#
68	5.2	4.1 6.1



#22
Acetophenone
Concen: 43.80 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:105	Resp:	636163
Ion Ratio	Lower	Upper
105	100	
71	3.6	2.8 4.2
51	29.7	30.7 46.1#
120	20.7	17.4 26.0

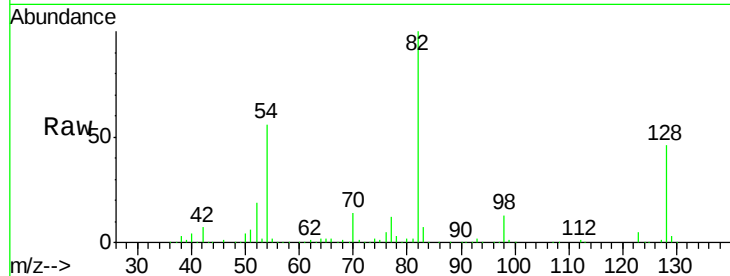




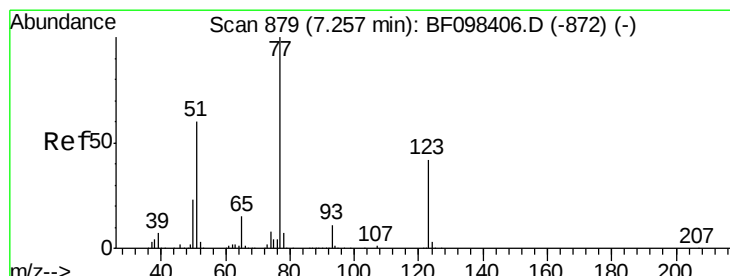
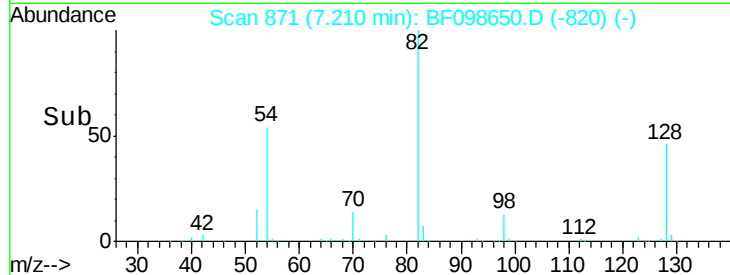
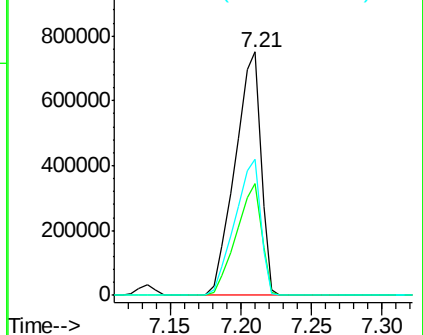
#23
 Nitrobenzene-d5
 Concen: 95.18 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

Tot Ion: 82 Resp: 959406
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 55.9 42.2 63.2

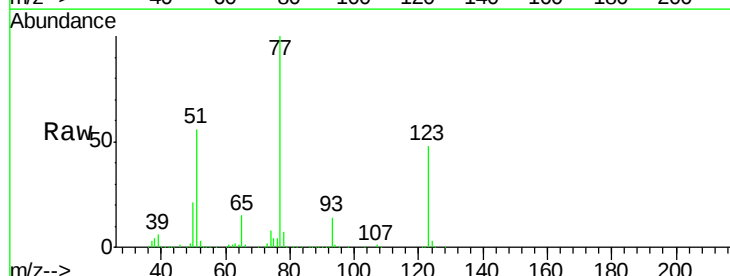


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

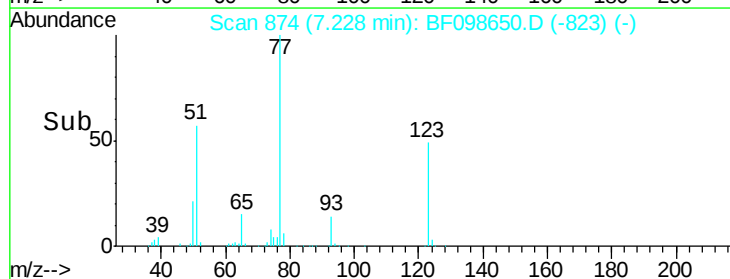
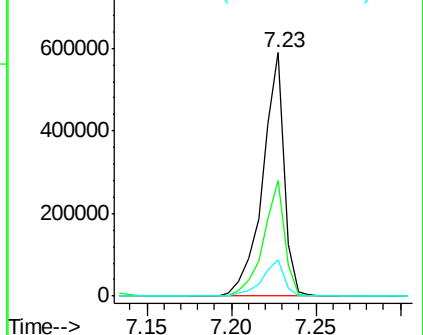


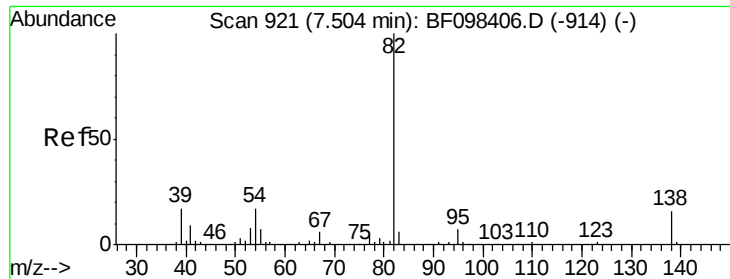
#24
 Nitrobenzene
 Concen: 44.95 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion: 77 Resp: 516104
 Ion Ratio Lower Upper
 77 100
 123 47.6 35.8 53.8
 65 15.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.07 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

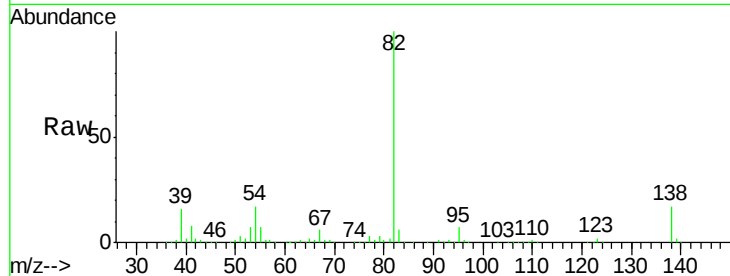
Tot Ion: 82 Resp: 980254

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

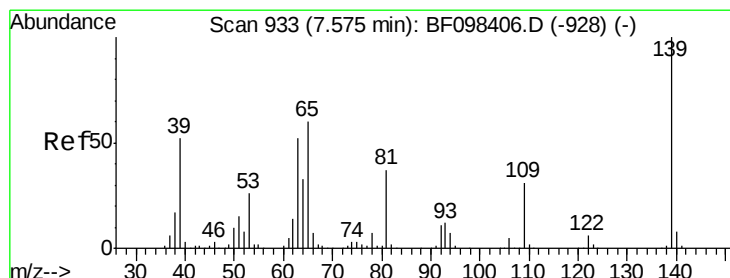
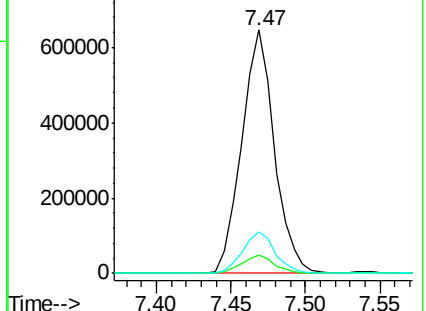
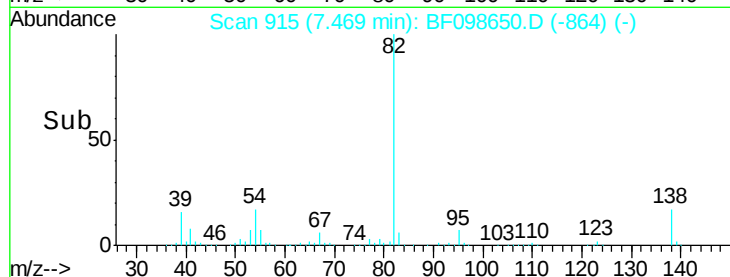
138 17.1 13.1 19.7



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): E



#26

2-Nitrophenol

Concen: 48.86 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

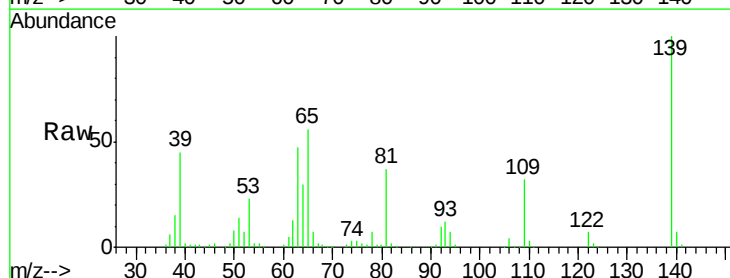
Tgt Ion: 139 Resp: 226479

Ion Ratio Lower Upper

139 100

109 32.3 21.0 31.6#

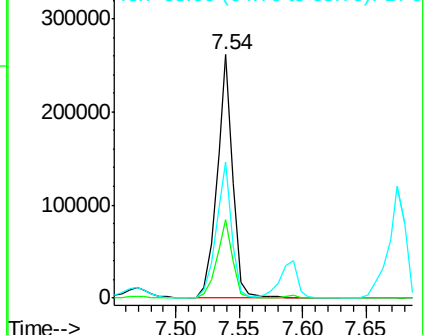
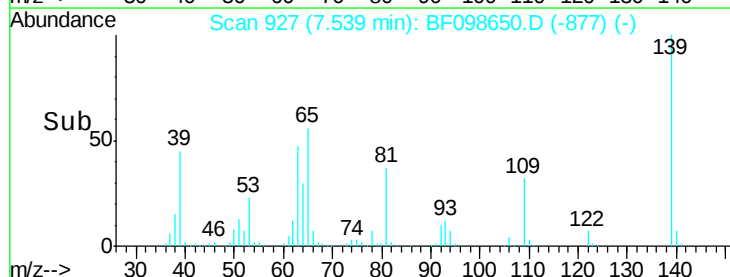
65 55.9 33.0 49.6#

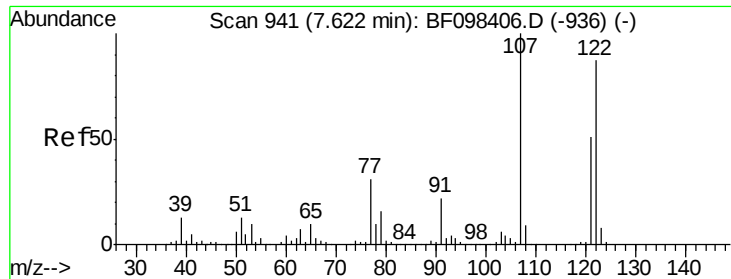


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

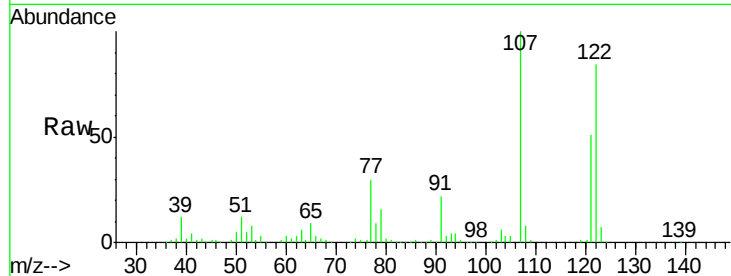




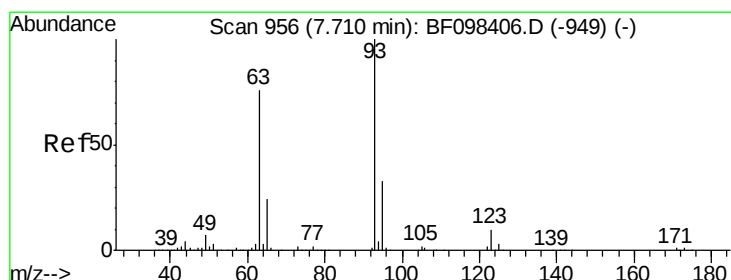
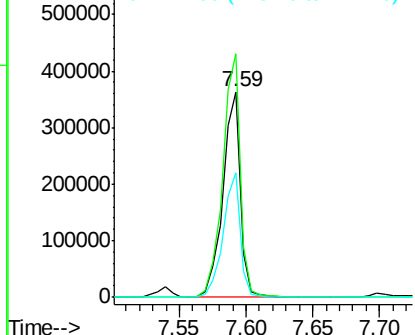
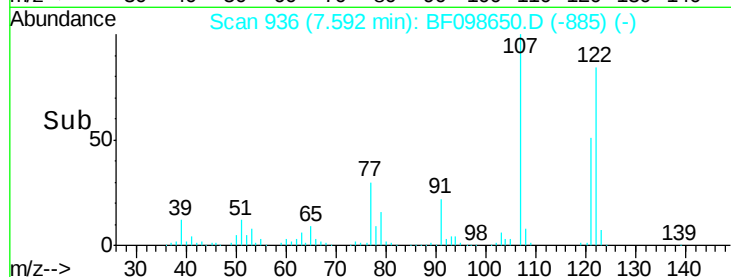
#27
 2,4-Dimethylphenol
 Concen: 38.37 ng
 RT: 7.59 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

Tot Ion:122 Resp: 339069
 Ion Ratio Lower Upper
 122 100
 107 118.5 89.2 133.8
 121 60.6 45.2 67.8

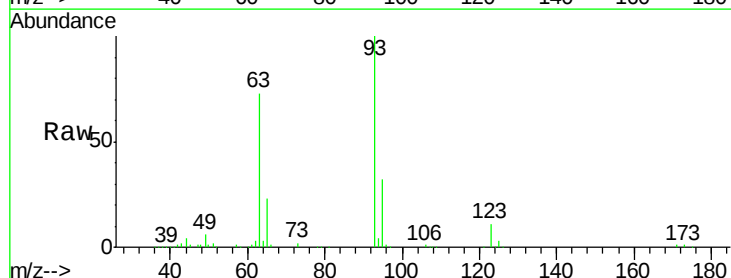


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

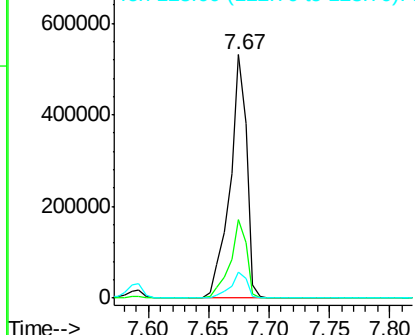
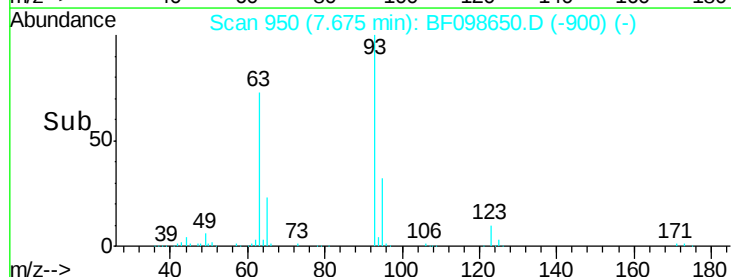


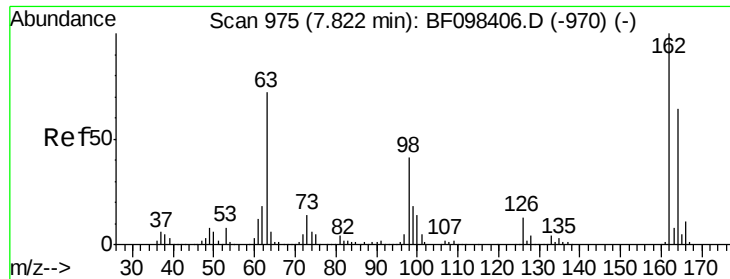
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.11 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion: 93 Resp: 511627
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.6 9.0 13.4



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

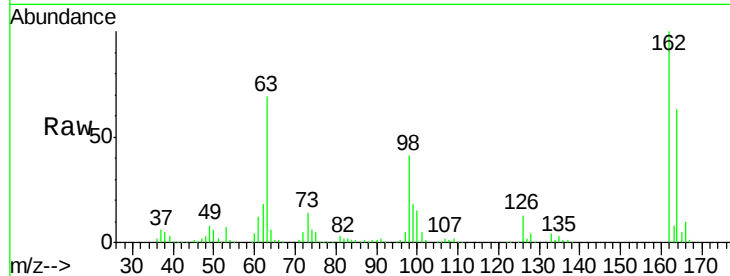




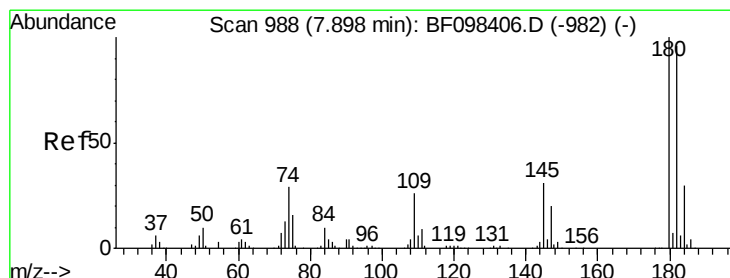
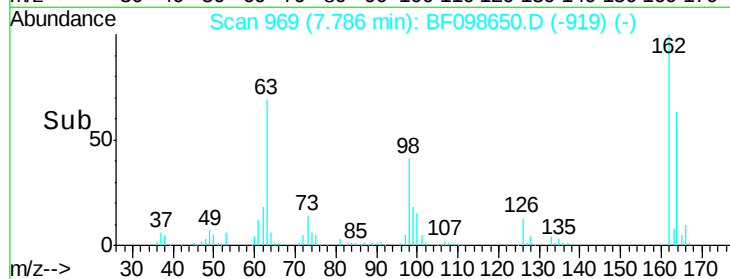
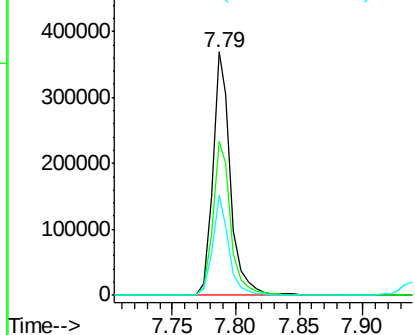
#29
 2,4-Dichlorophenol
 Concen: 49.21 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	41.1	14.8	54.8

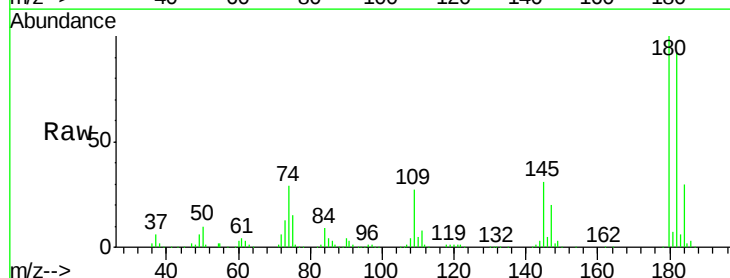


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

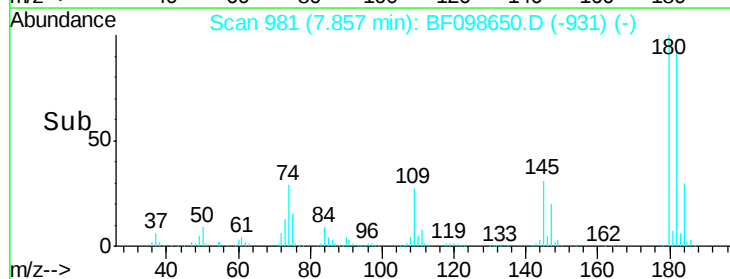
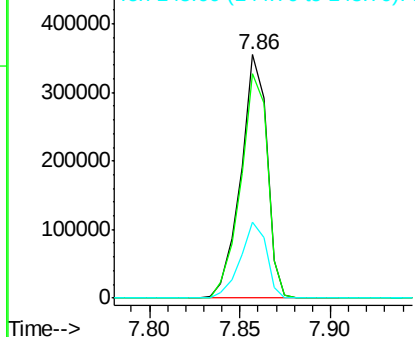


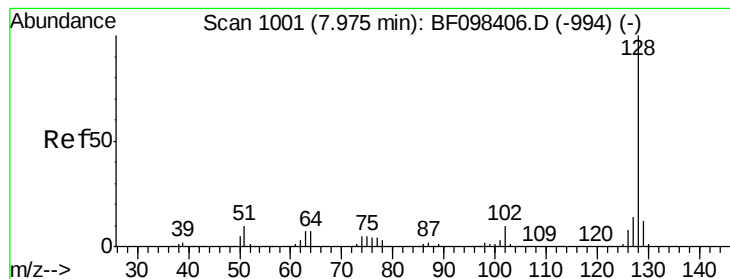
#30
 1,2,4-Trichlorobenzene
 Concen: 44.53 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	75.8	113.6
145	31.3	25.3	37.9



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: 42.53 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

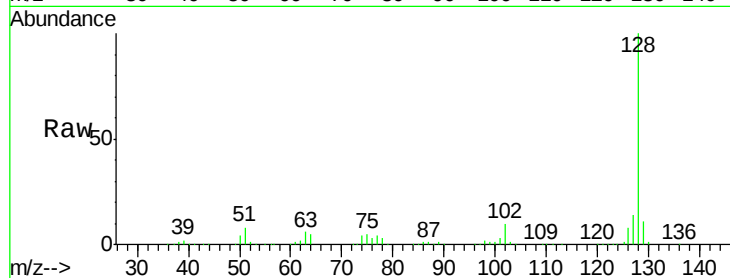
Tot Ion:128 Resp: 1181340

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

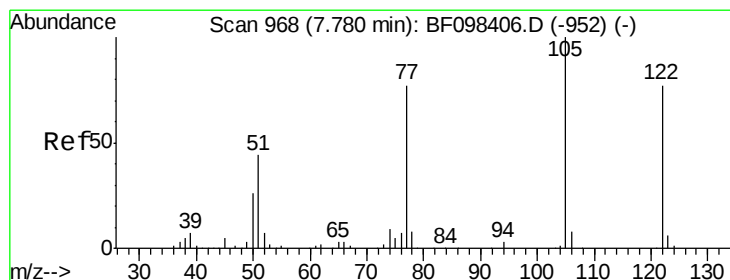
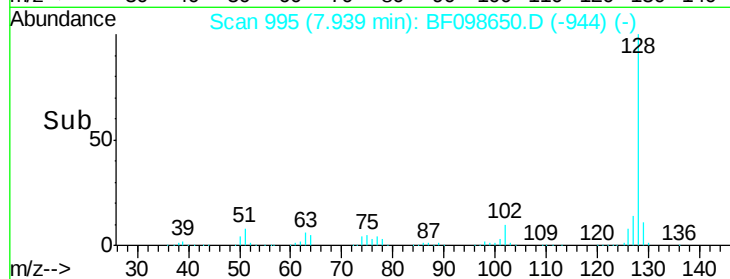
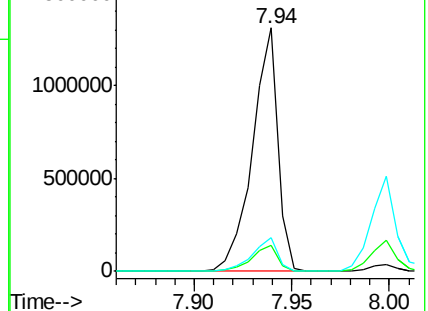
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.84 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.05 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

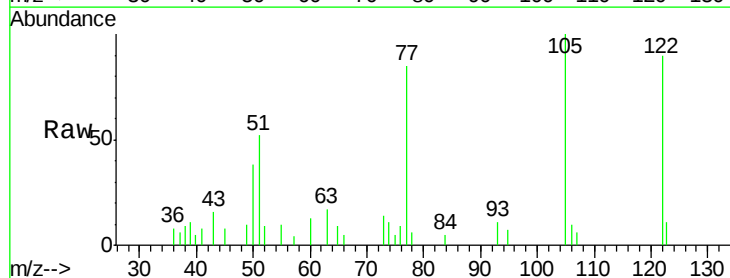
Tgt Ion:122 Resp: 13268

Ion Ratio Lower Upper

122 100

105 110.8 103.3 143.3

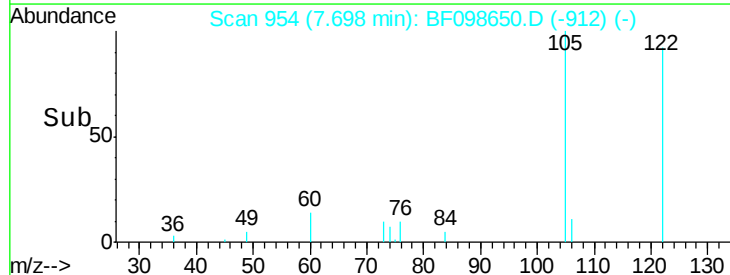
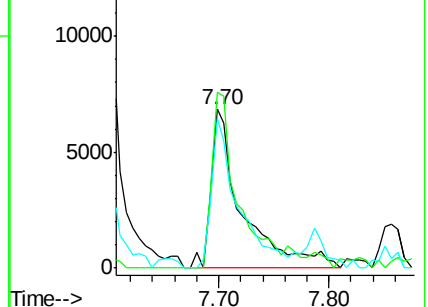
77 94.1 73.7 113.7

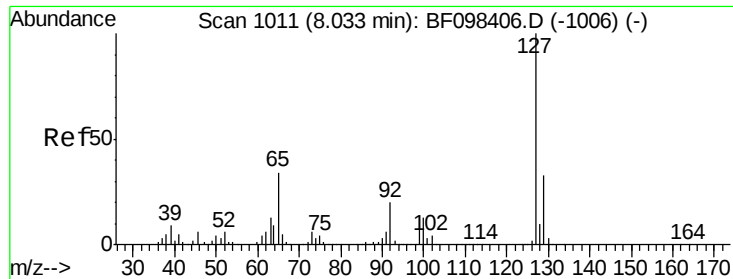


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

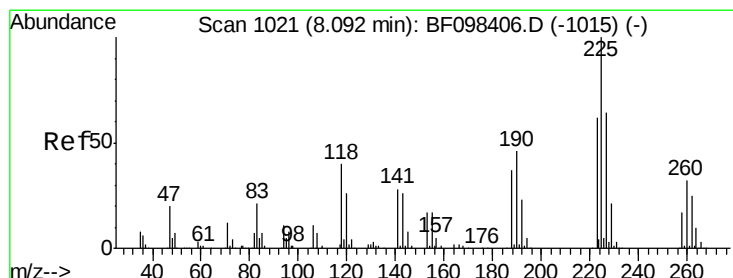
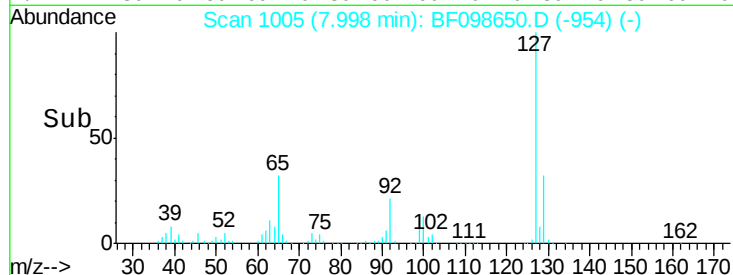
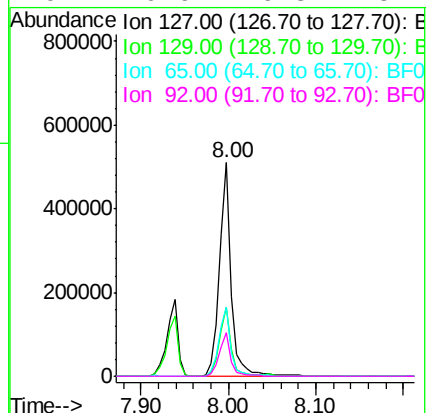
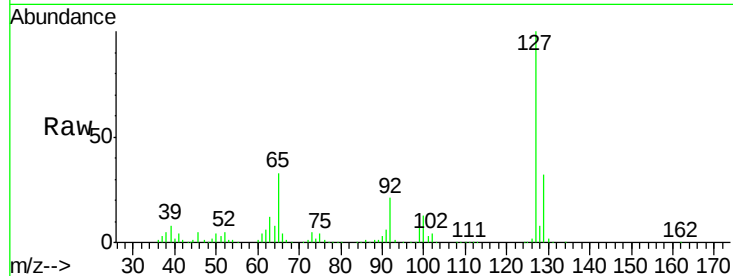




#33
4-Chloroaniline
Concen: 41.94 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

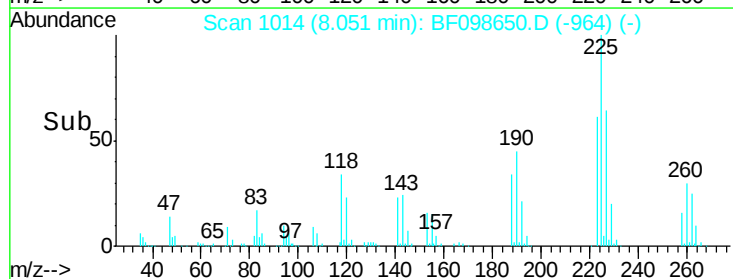
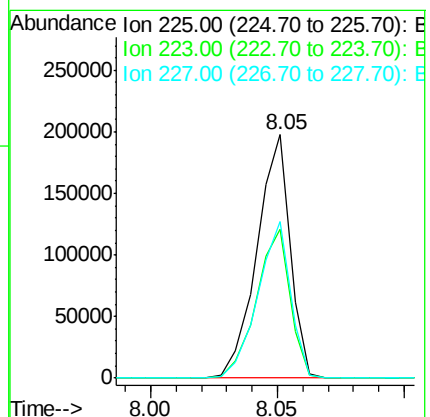
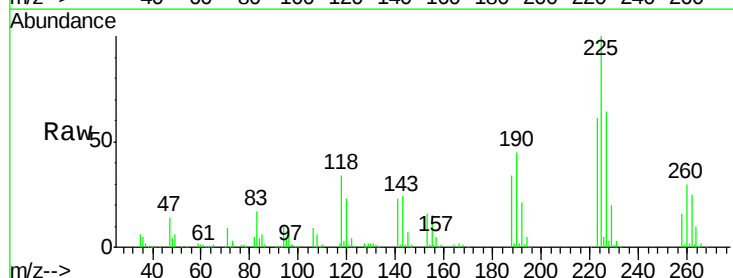
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

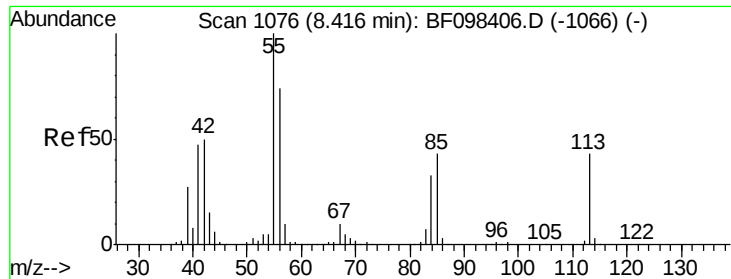
Tot Ion:	127	Resp:	473529
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	32.6	27.8	41.8
92	20.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.05 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:	225	Resp:	180809
Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.8	73.2
227	64.3	51.1	76.7

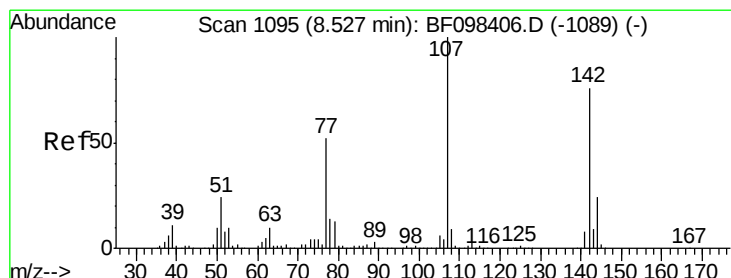
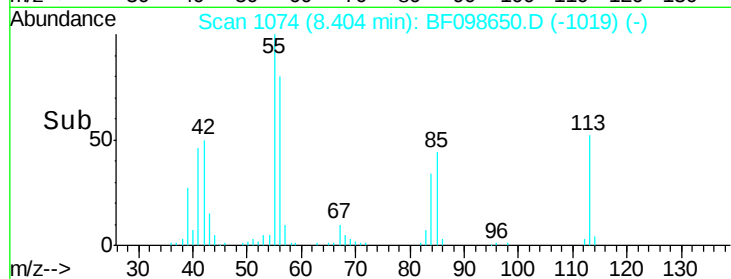
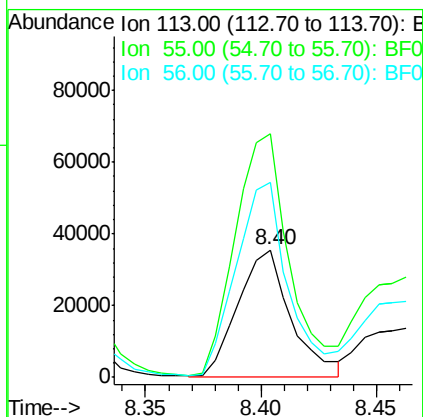
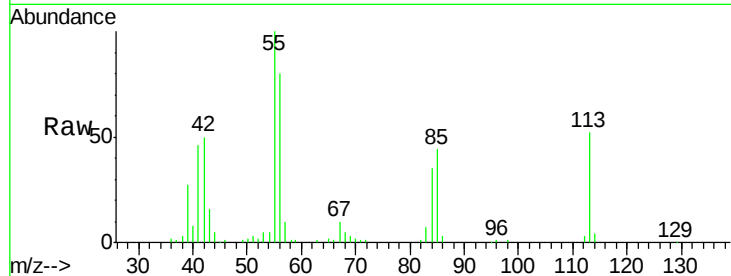




#35
 Caprolactam
 Concen: 22.65 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. 0.02 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

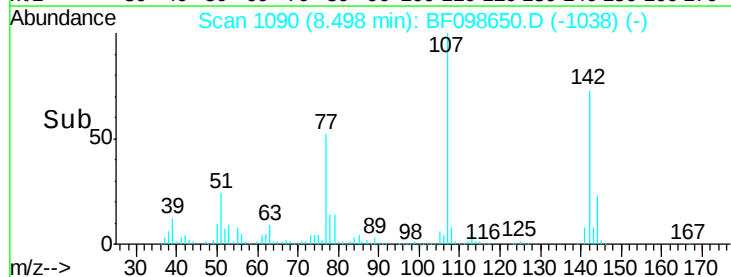
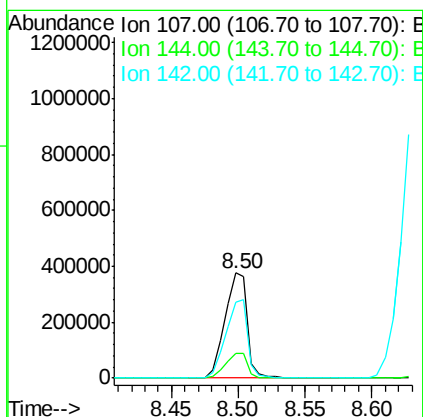
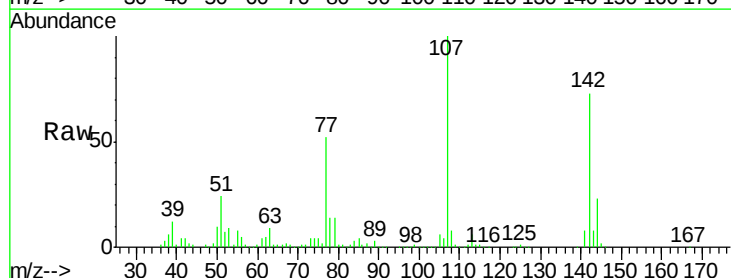
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

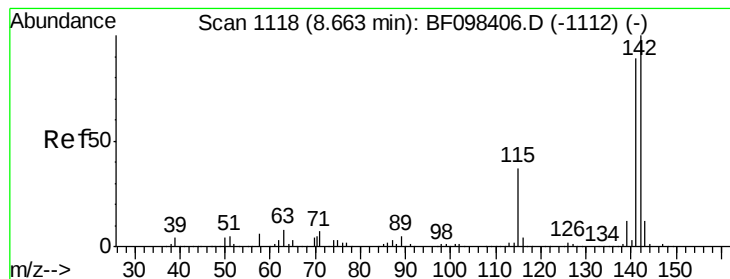
Tot Ion:113 Resp: 57415
 Ion Ratio Lower Upper
 113 100
 55 190.7 150.2 190.2#
 56 152.4 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 48.68 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion:107 Resp: 443725
 Ion Ratio Lower Upper
 107 100
 144 23.4 24.2 36.4#
 142 72.5 73.4 110.0#

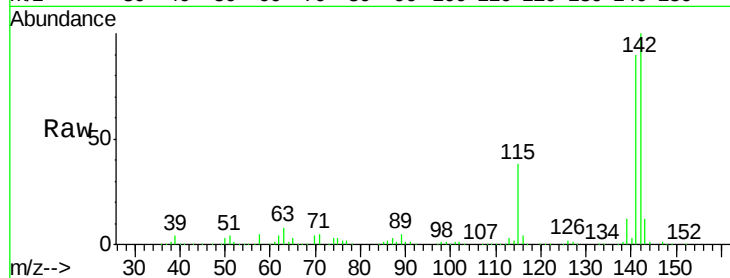




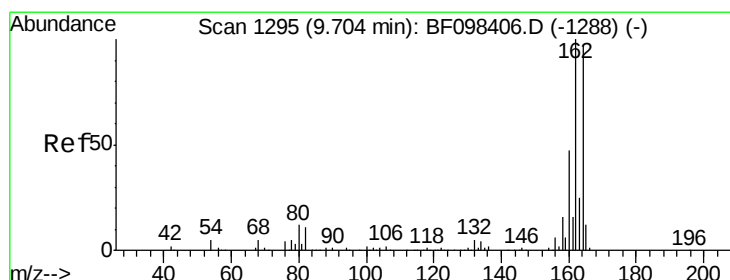
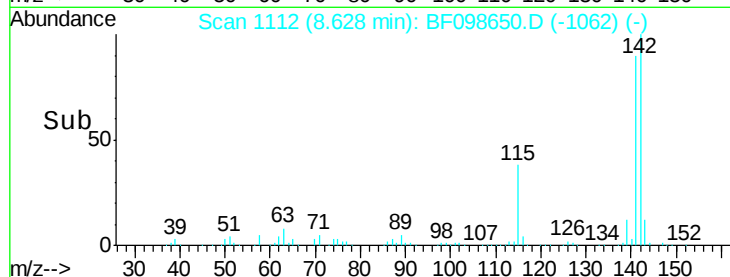
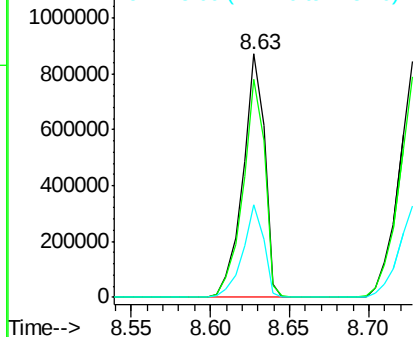
#37
2-Methylnaphthalene
Concen: 48.83 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

Tot Ion:142 Resp: 821733
Ion Ratio Lower Upper
142 100
141 89.6 71.3 106.9
115 37.8 27.1 40.7

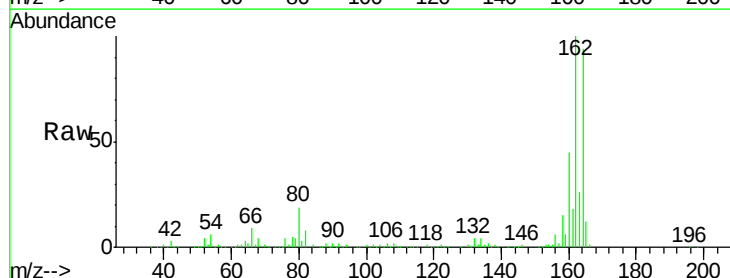


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

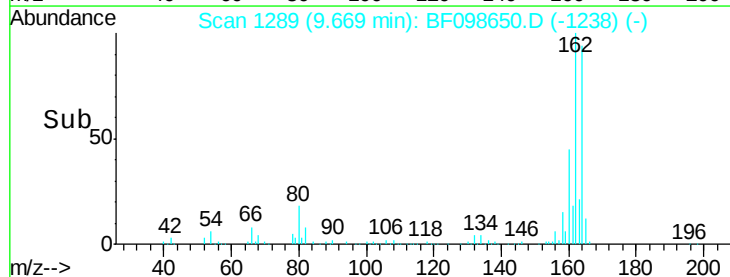
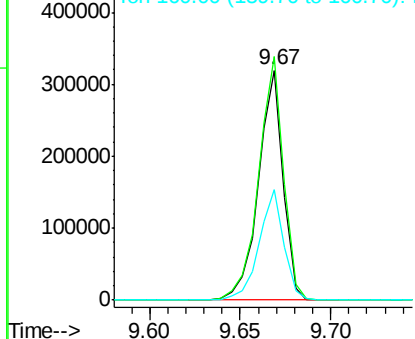


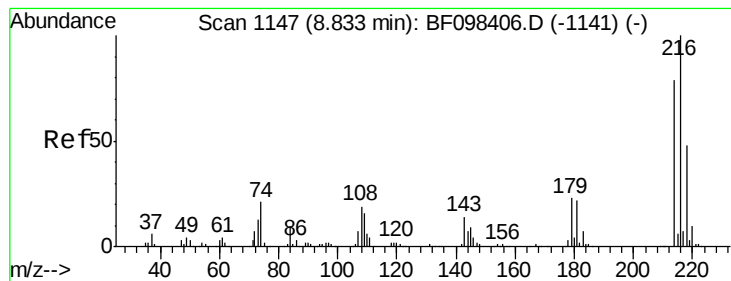
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:164 Resp: 300500
Ion Ratio Lower Upper
164 100
162 106.1 82.6 123.8
160 48.2 36.2 54.2



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

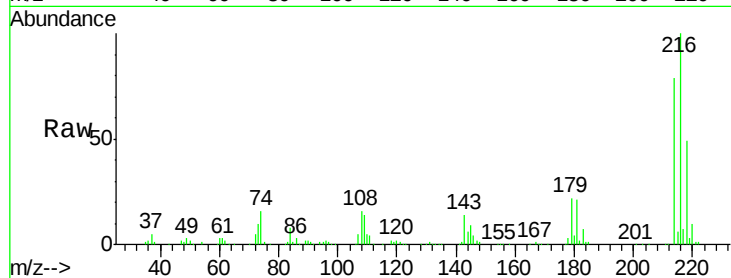




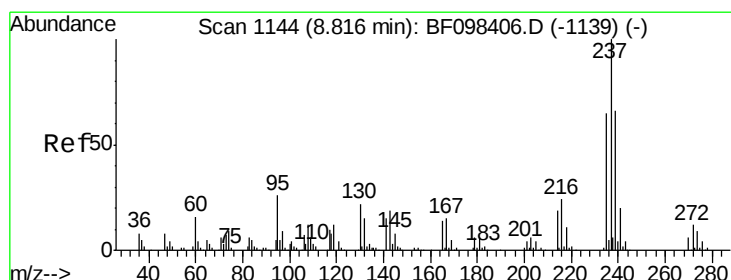
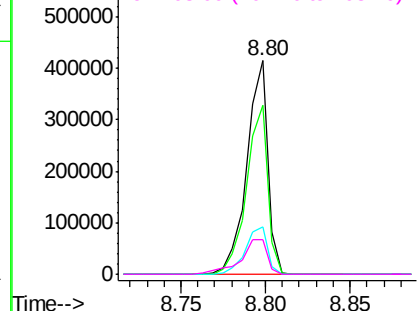
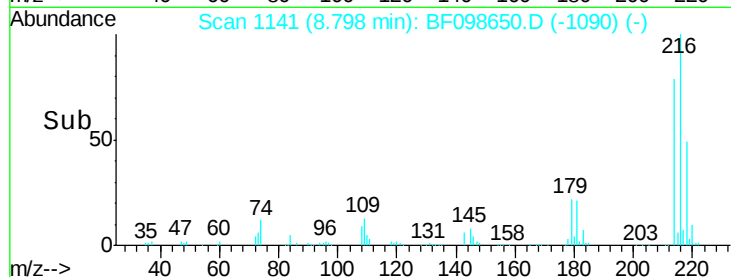
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.49 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

Tot Ion:	216	Resp:	360276
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.2
179	23.3	17.9	26.9
108	20.8	16.5	24.7

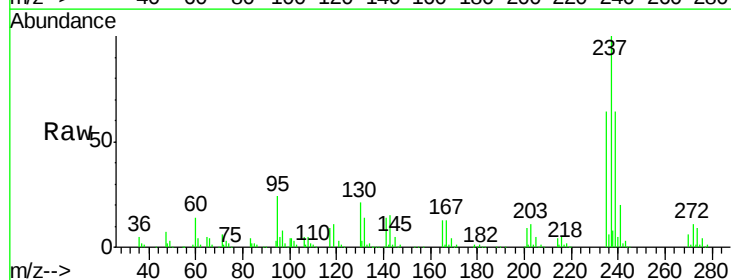


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

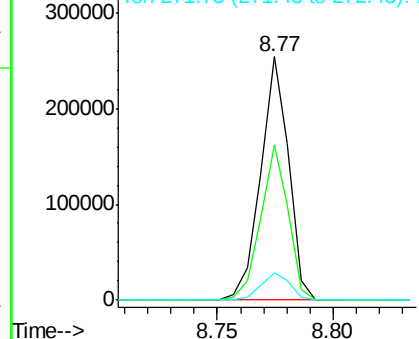
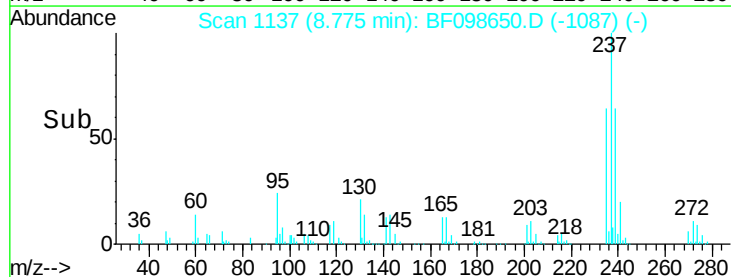


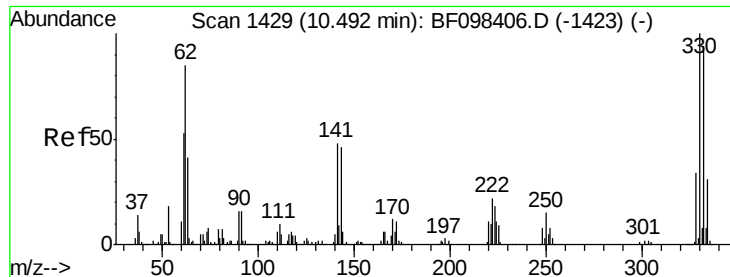
#40
 Hexachlorocyclopentadiene
 Concen: 78.57 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion:	237	Resp:	214828
Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.6	82.6
272	11.2	0.0	31.9



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

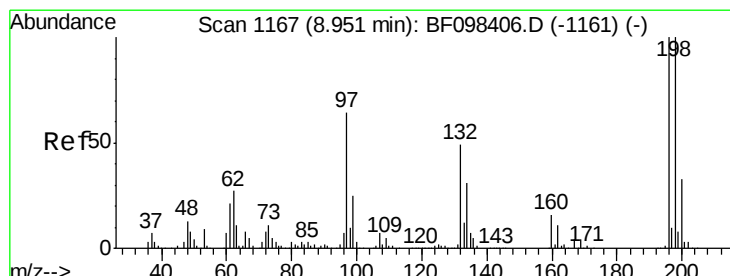
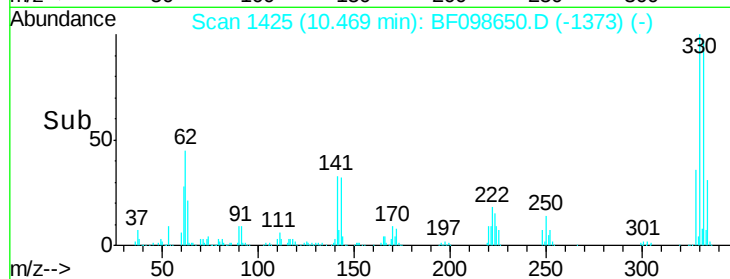
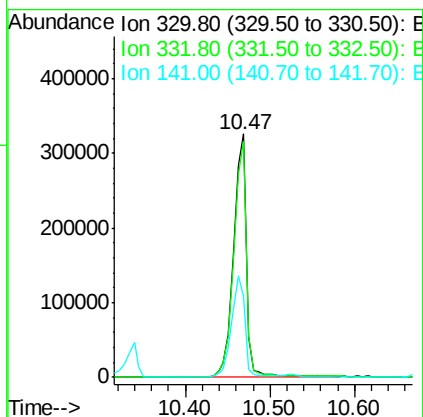
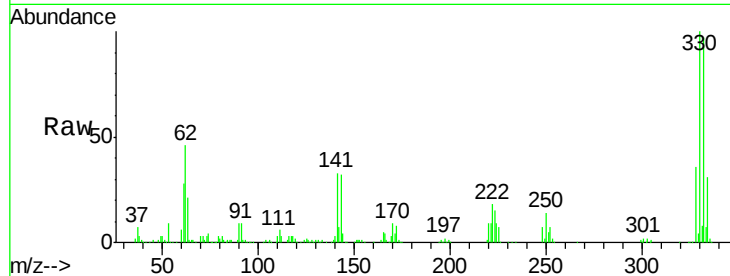




#41
 2,4,6-Tribromophenol
 Concen: 171.15 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

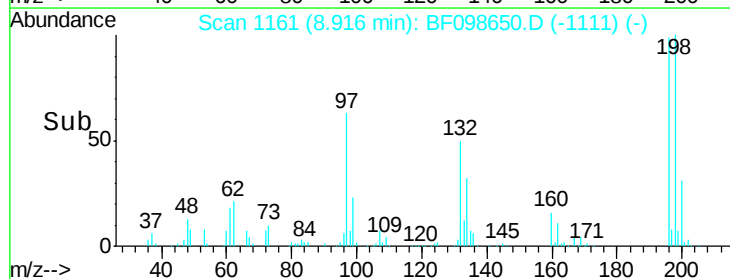
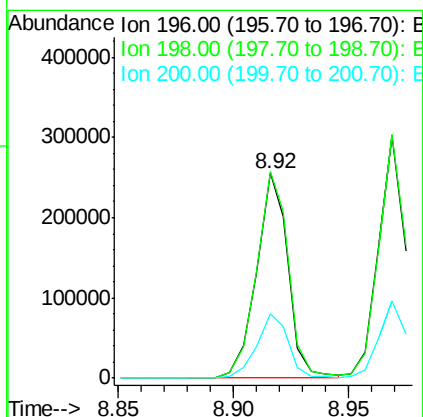
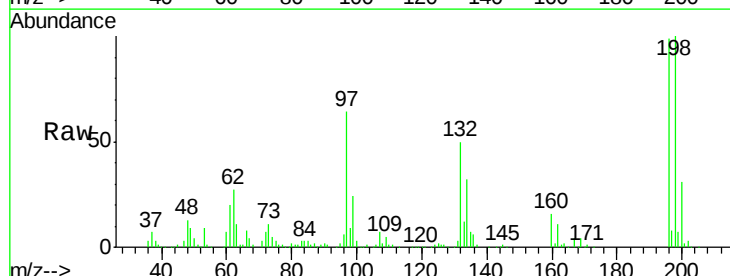
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

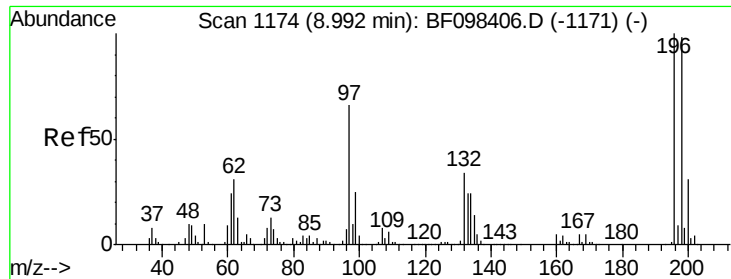
Tot Ion:330 Resp: 343263
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 43.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 44.36 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion:196 Resp: 243888
 Ion Ratio Lower Upper
 196 100
 198 100.8 74.2 111.4
 200 31.6 24.0 36.0

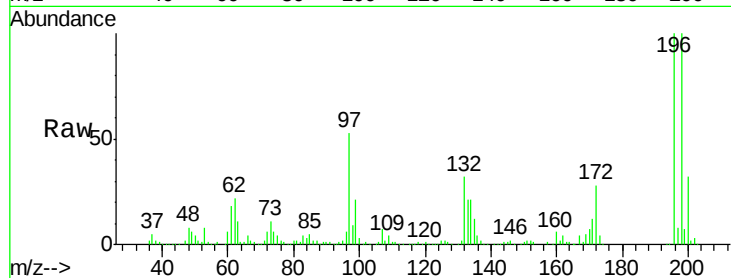




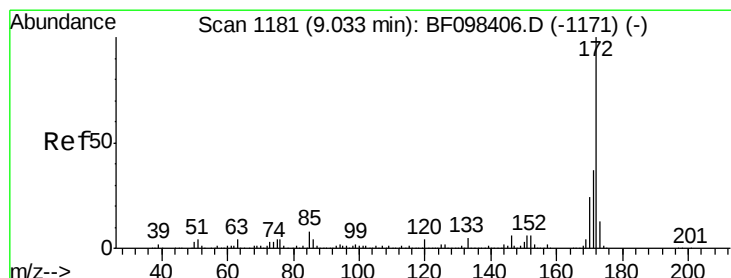
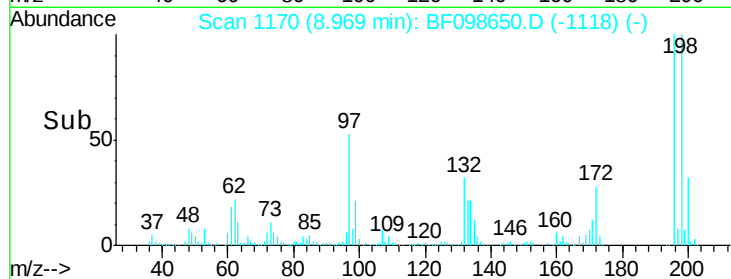
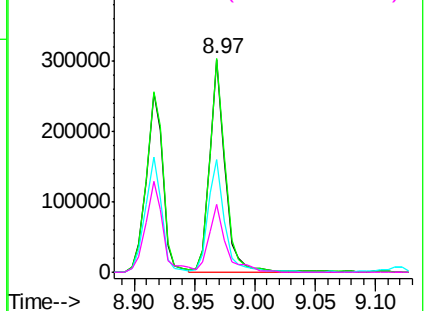
#43
 2,4,5-Trichlorophenol
 Concen: 46.49 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.5	75.7	113.5
97	53.2	47.7	71.5
132	32.1	28.0	42.0

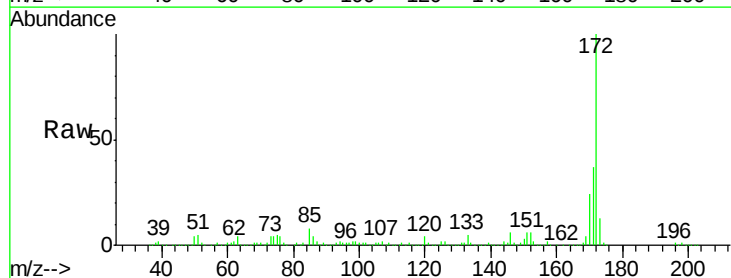


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

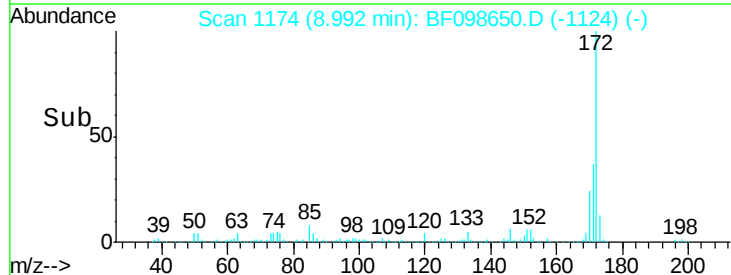
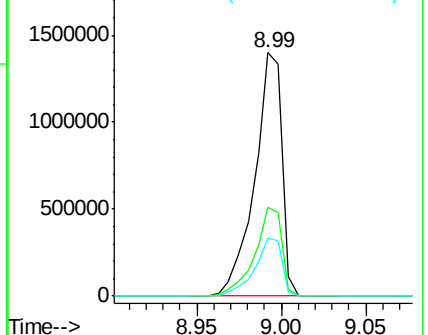


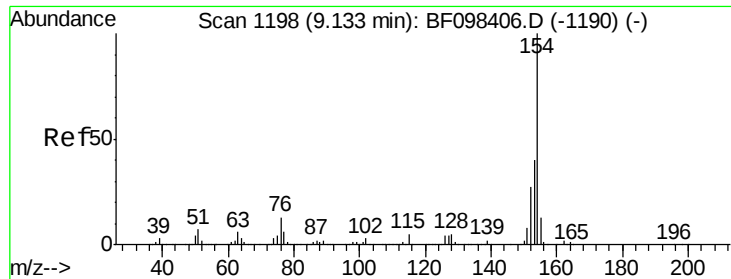
#44
 2-Fluorobiphenyl
 Concen: 88.46 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.6	19.8	29.8



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: 39.01 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

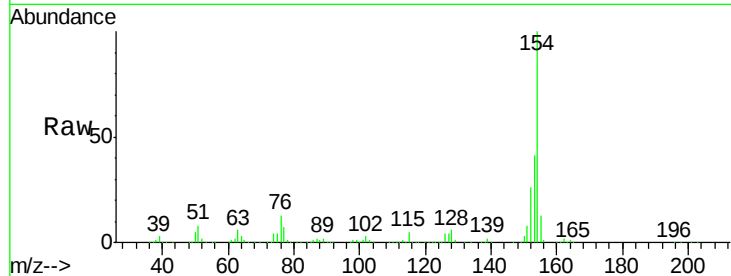
Tot Ion:154 Resp: 1049139

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

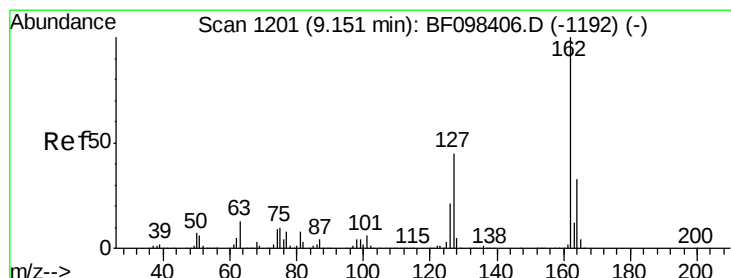
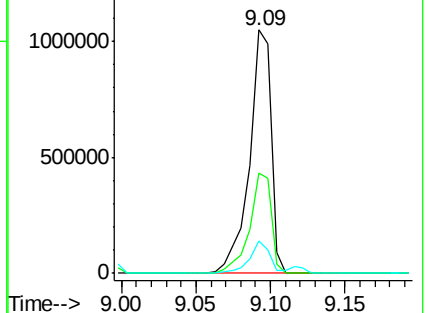
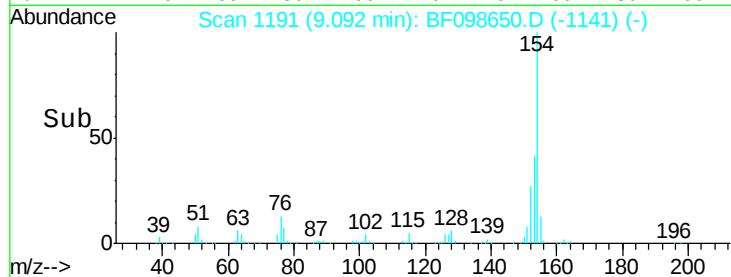
76 13.4 0.0 29.9



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: 42.05 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

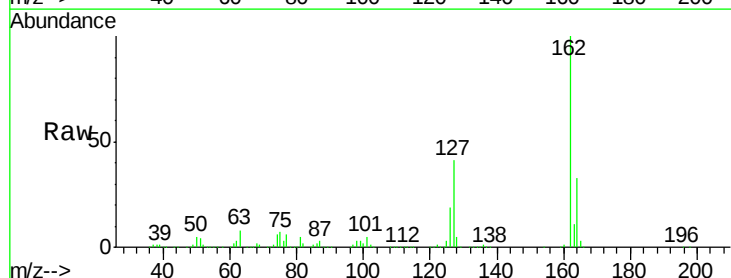
Tgt Ion:162 Resp: 807691

Ion Ratio Lower Upper

162 100

127 41.0 28.3 42.5

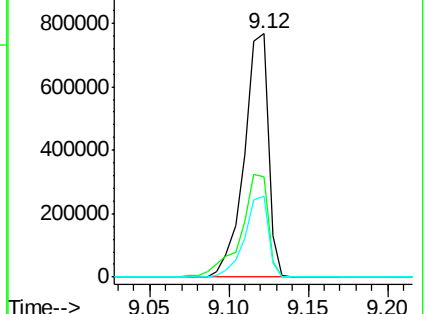
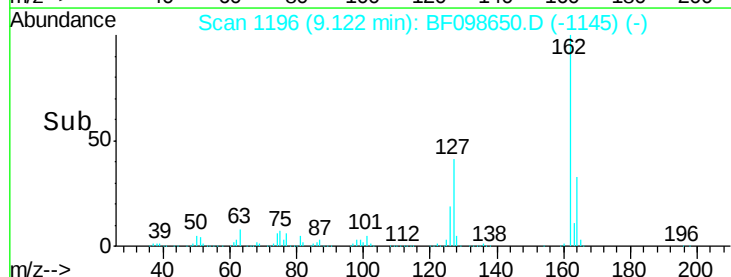
164 33.1 27.0 40.4

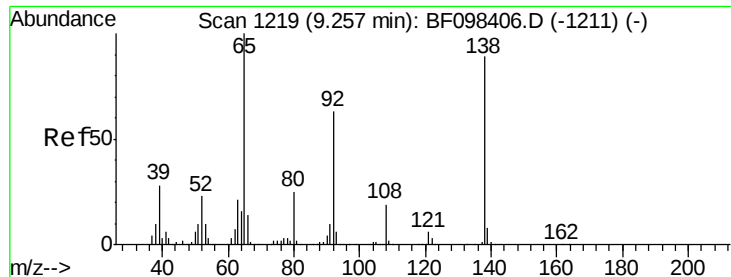


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

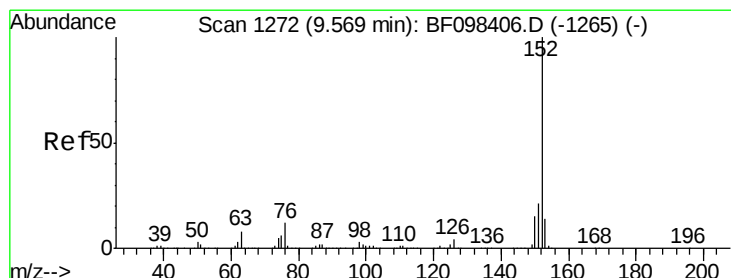
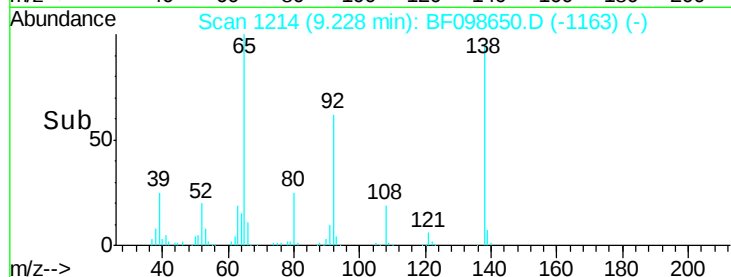
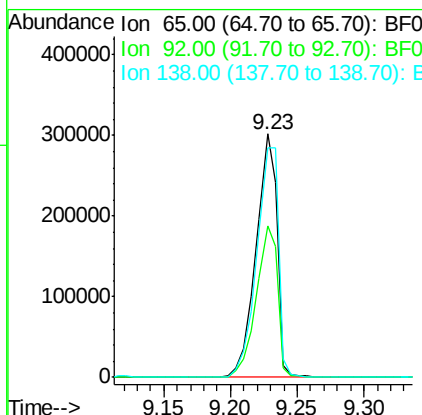
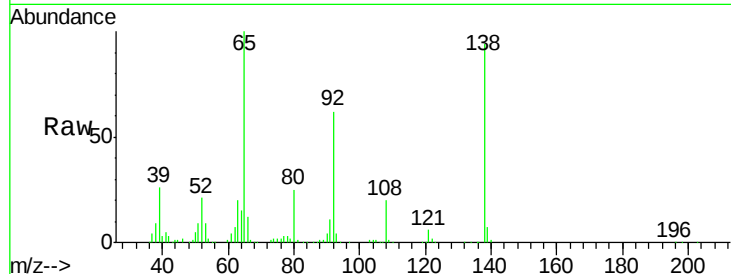




#47
2-Nitroaniline
Concen: 43.90 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

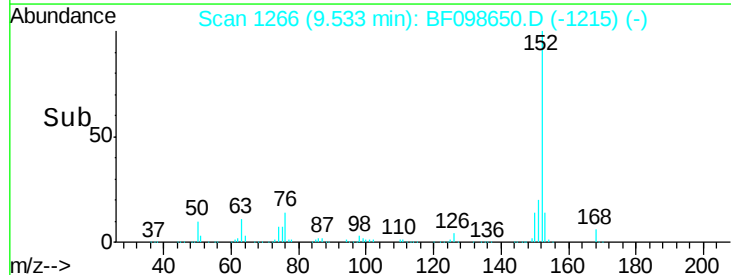
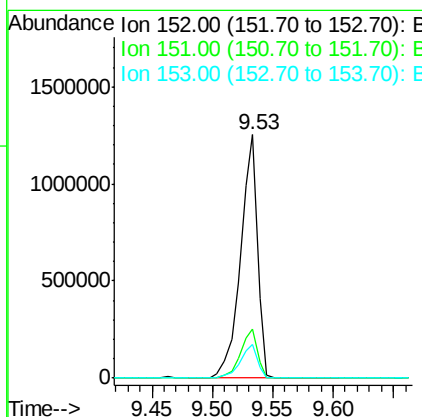
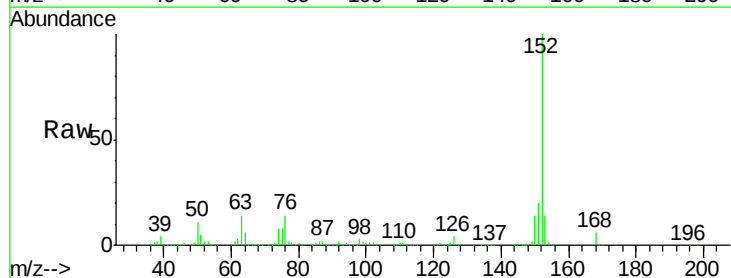
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

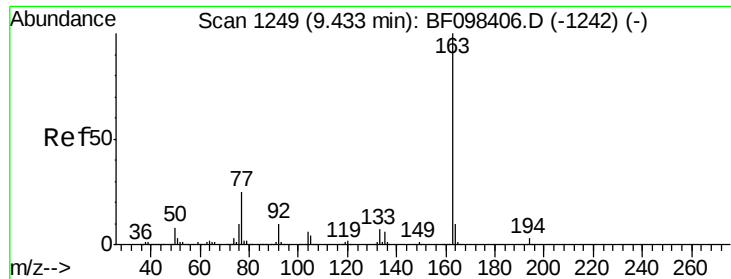
Tot Ion: 65 Resp: 323641
Ion Ratio Lower Upper
65 100
92 62.0 53.9 80.9
138 94.4 78.8 118.2



#48
Acenaphthylene
Concen: 43.07 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion: 152 Resp: 1230188
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.9 10.8 16.2

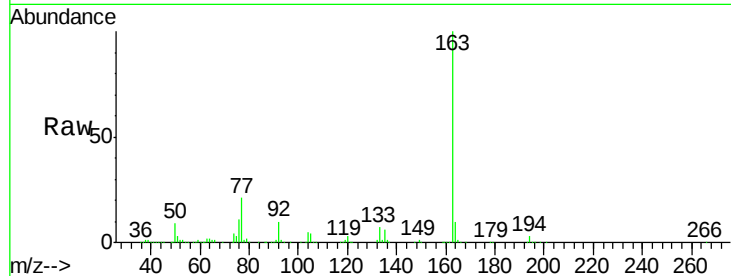




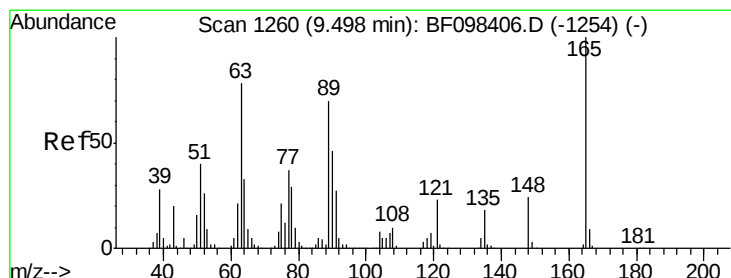
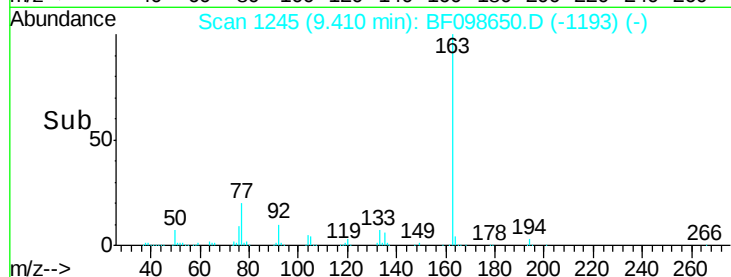
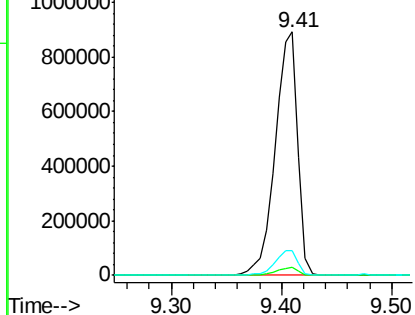
#49
Dimethylphthalate
Concen: 54.19 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

Tot Ion:163 Resp: 1260468
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.4 12.6

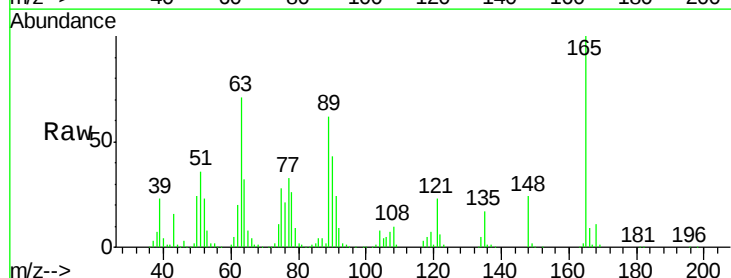


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

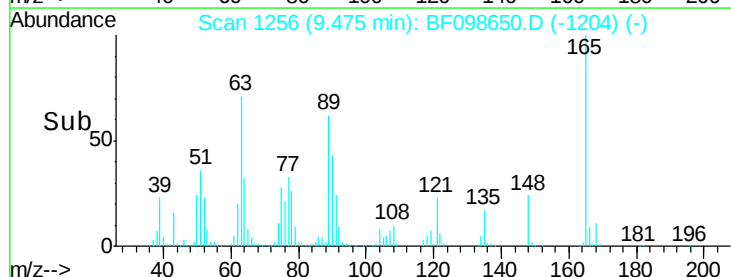
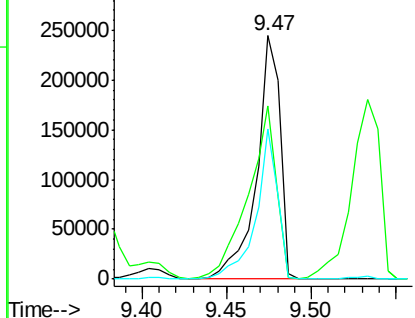


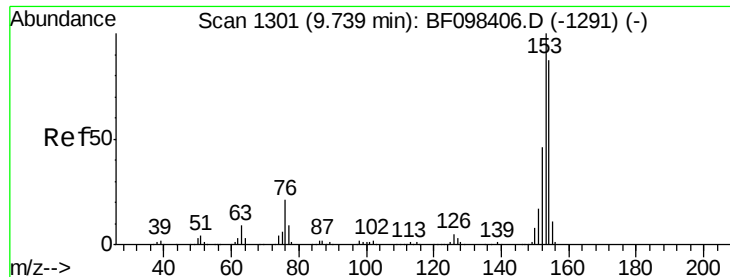
#50
2,6-Dinitrotoluene
Concen: 49.75 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:165 Resp: 237711
Ion Ratio Lower Upper
165 100
63 71.3 34.3 51.5#
89 61.8 37.1 55.7#



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: 43.12 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

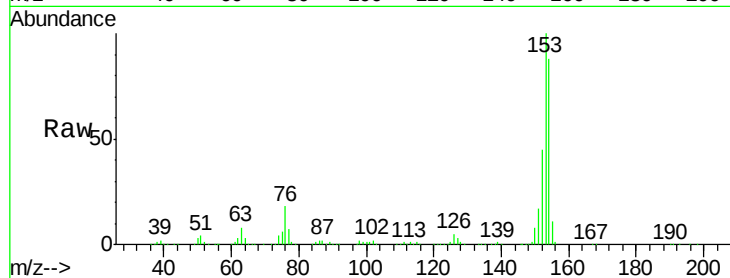
Tot Ion:154 Resp: 782766

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

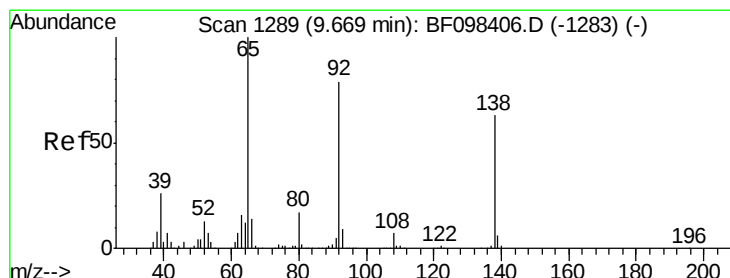
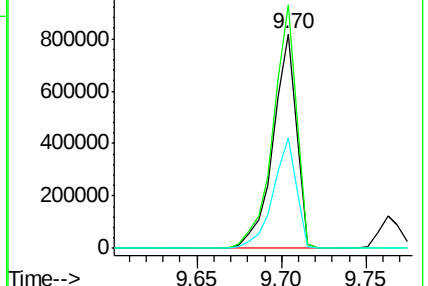
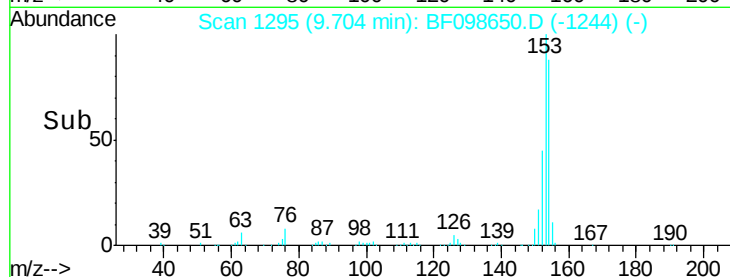
152 51.4 43.6 65.4



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: 42.97 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

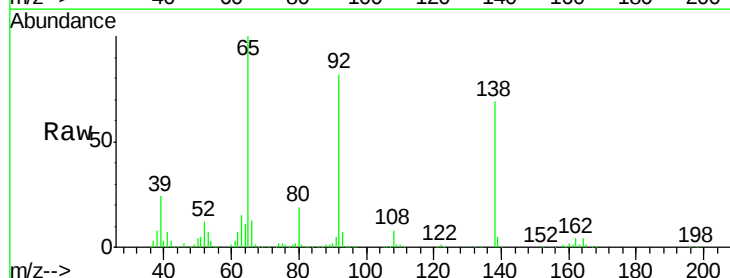
Tgt Ion:138 Resp: 247834

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

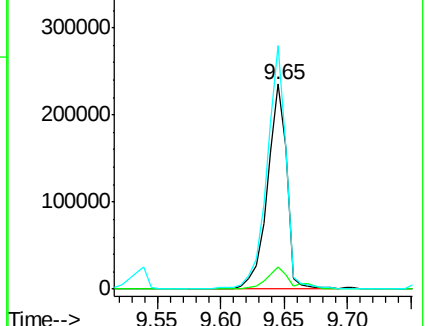
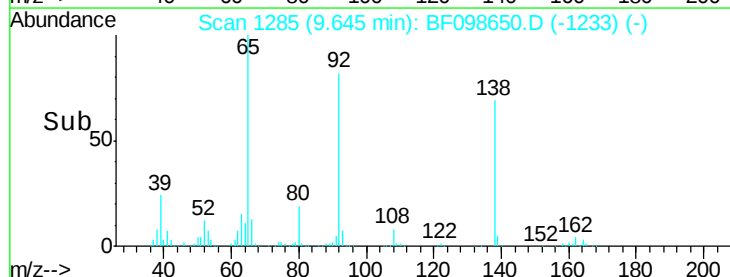
92 118.8 93.8 140.6

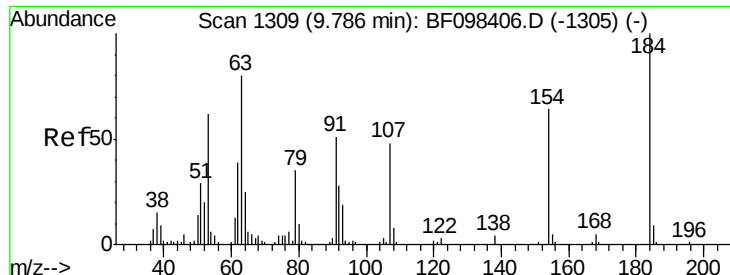


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

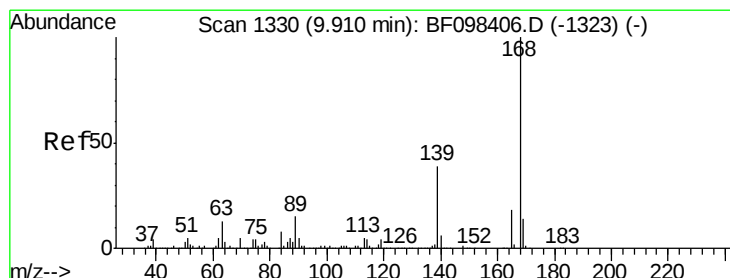
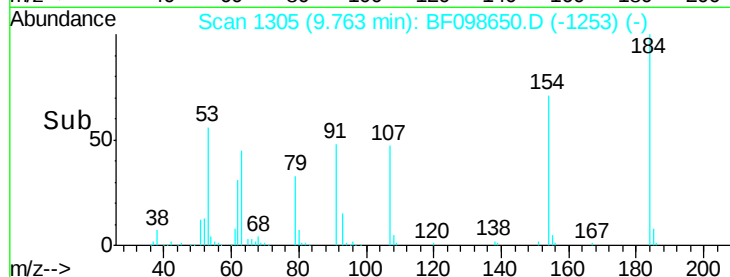
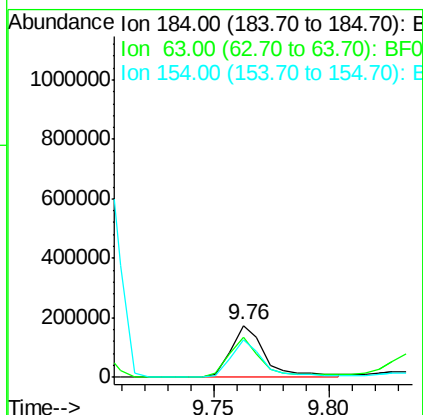
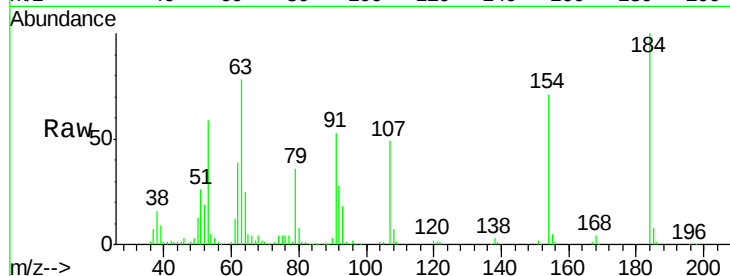




#53
 2,4-Dinitrophenol
 Concen: 79.98 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

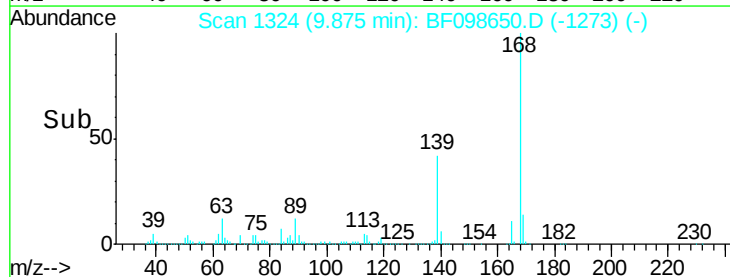
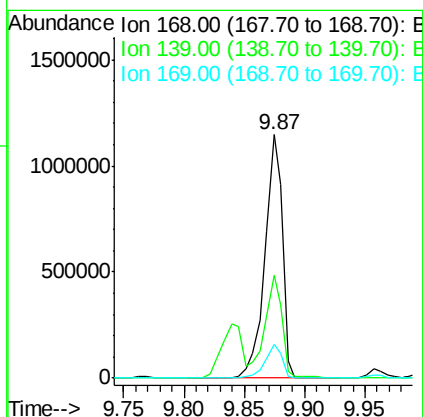
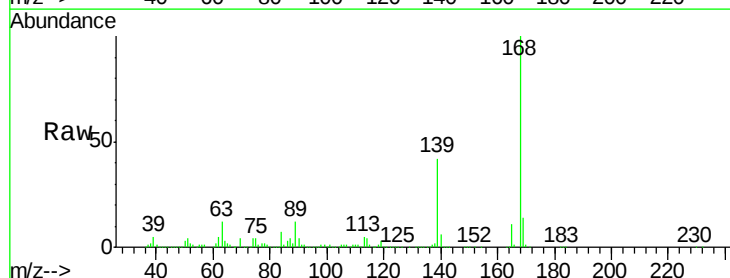
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

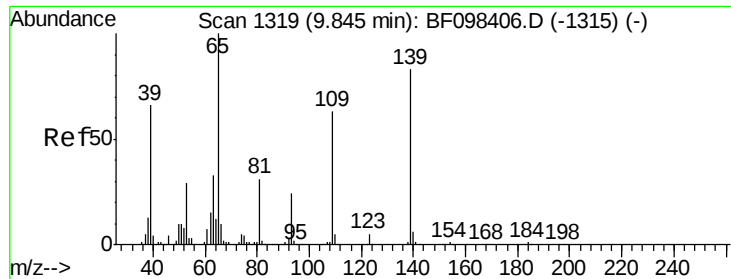
Tot Ion:184 Resp: 180638
 Ion Ratio Lower Upper
 184 100
 63 77.5 62.7 94.1
 154 71.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 48.38 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion:168 Resp: 1157130
 Ion Ratio Lower Upper
 168 100
 139 42.1 30.6 45.8
 169 13.7 10.8 16.2

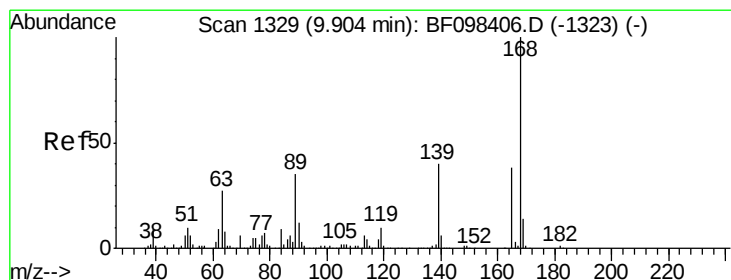
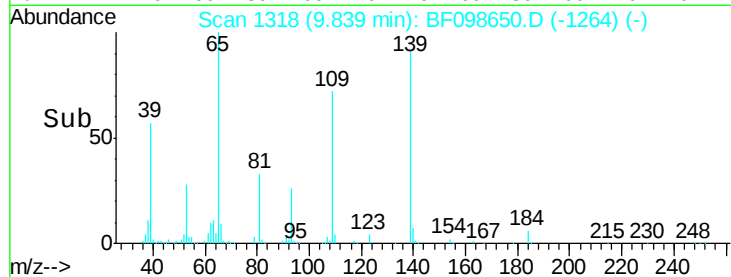
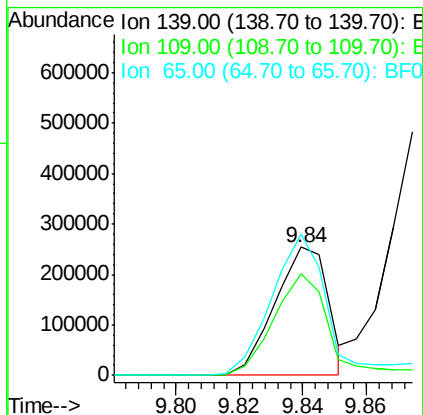
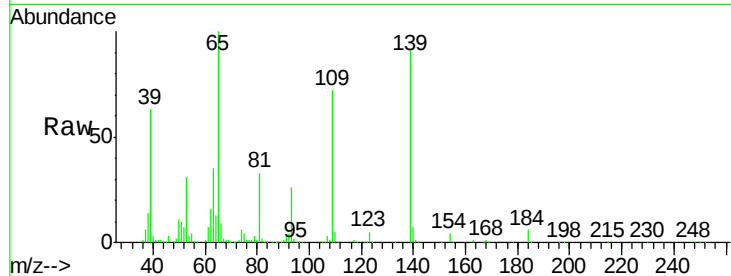




#55
4-Nitrophenol
Concen: 89.59 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

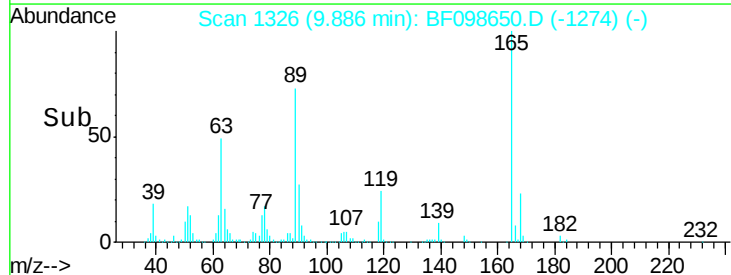
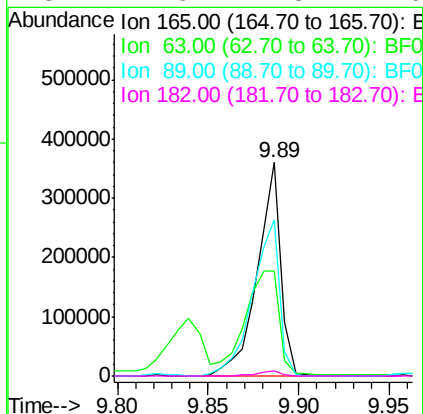
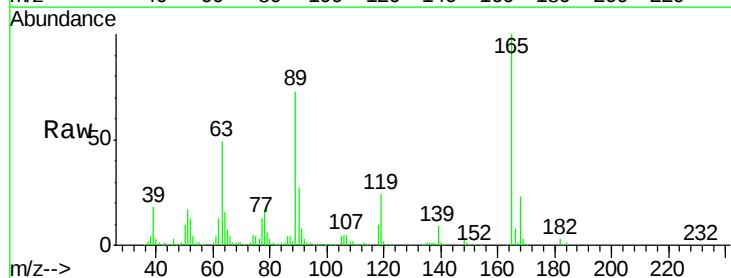
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

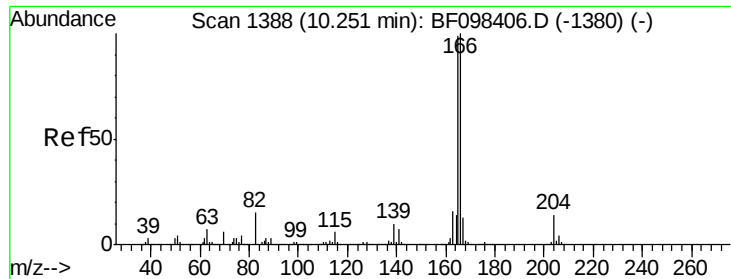
Tot Ion:139 Resp: 296873
Ion Ratio Lower Upper
139 100
109 79.8 34.1 74.1#
65 110.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 55.89 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:165 Resp: 324659
Ion Ratio Lower Upper
165 100
63 49.0 25.4 38.0#
89 73.4 46.4 69.6#
182 2.6 1.8 2.6

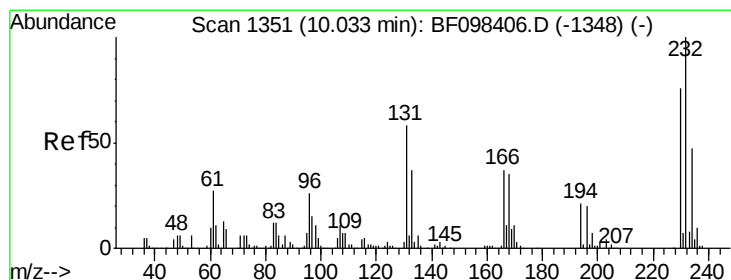
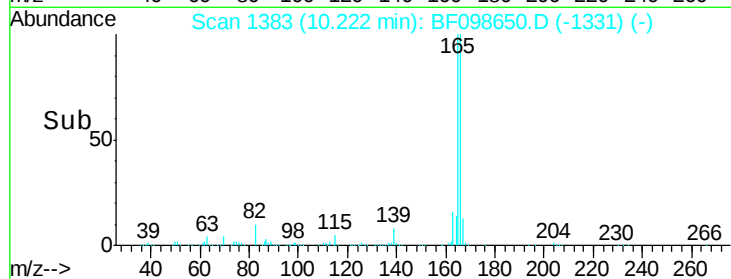
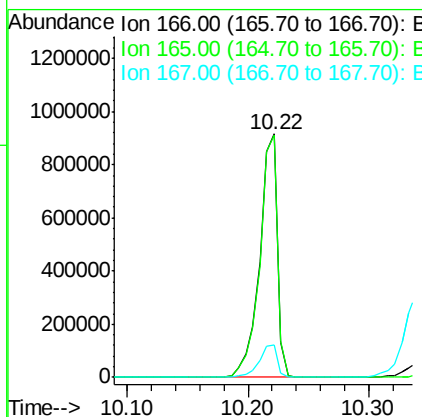
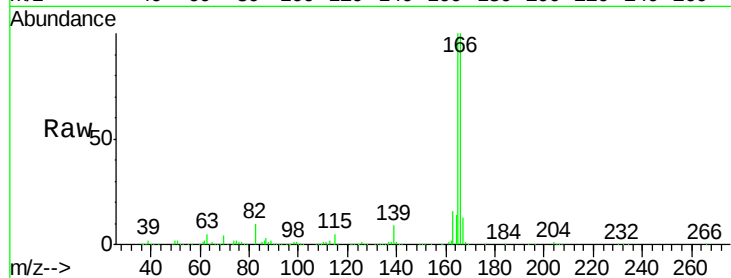




#57
 Fluorene
 Concen: 47.43 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

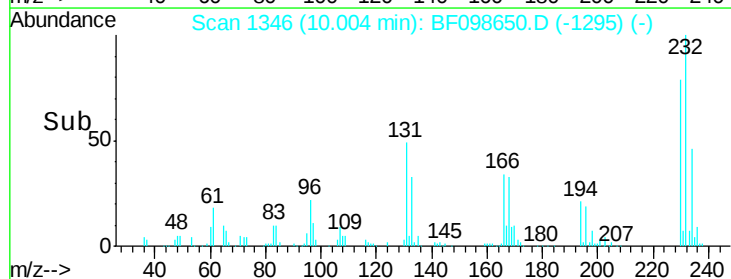
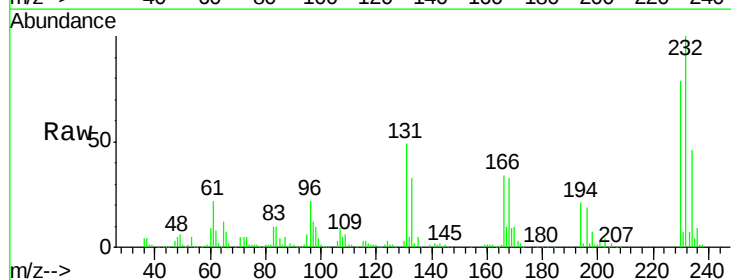
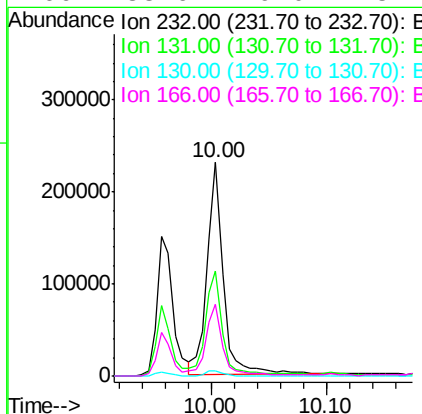
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

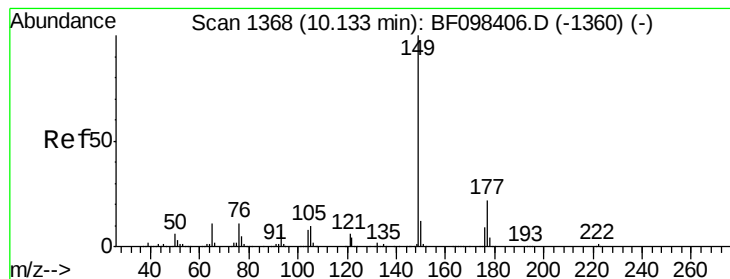
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.8	118.2
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.93 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.5	44.8	67.2
130	2.8	2.3	3.5
166	33.6	29.0	43.4





#59

Diethylphthalate

Concen: 49.30 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

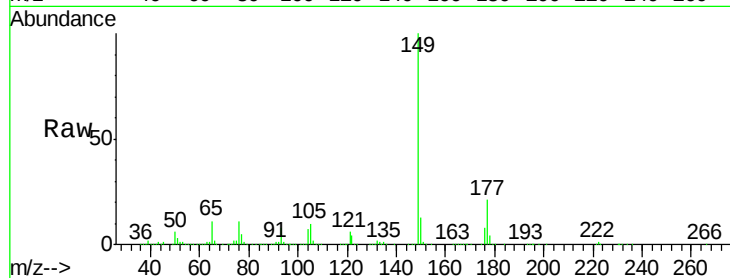
Tot Ion:149 Resp: 1090575

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

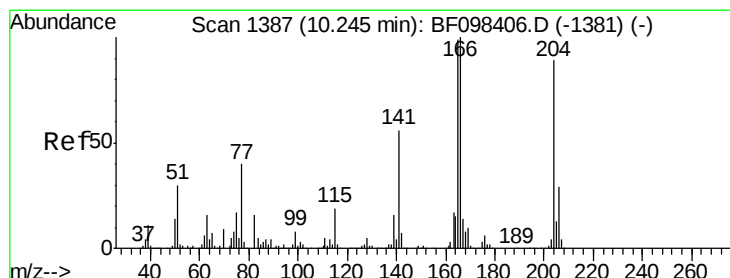
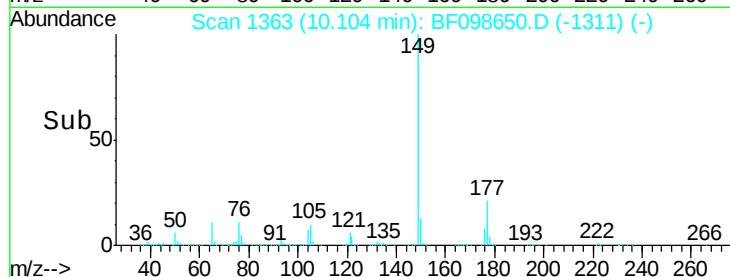
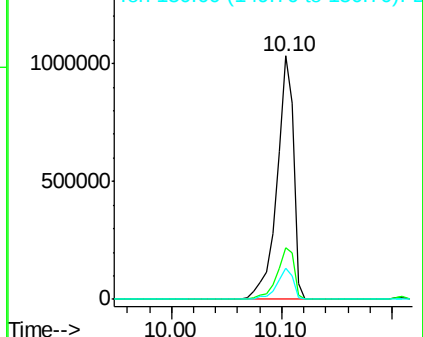
150 12.9 10.2 15.2



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: 49.10 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

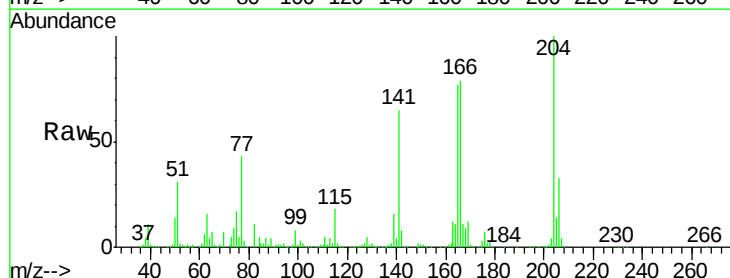
Tgt Ion:204 Resp: 448967

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.2

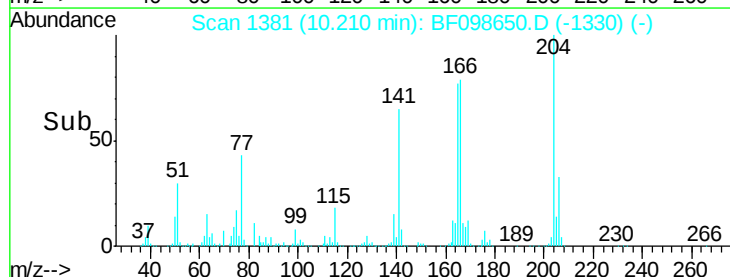
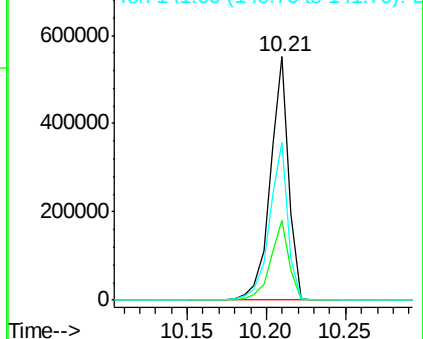
141 64.7 60.8 91.2

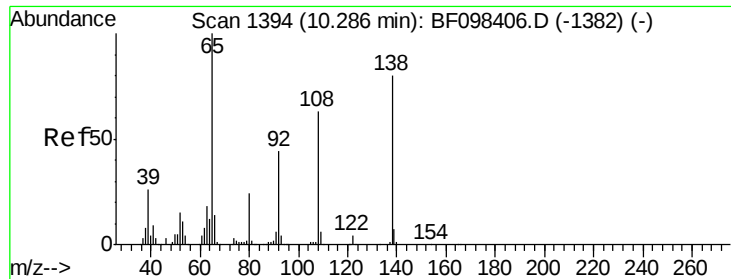


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

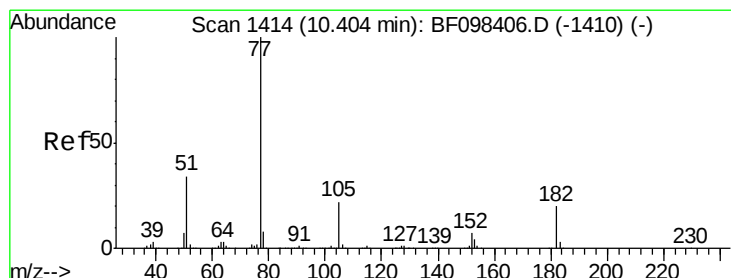
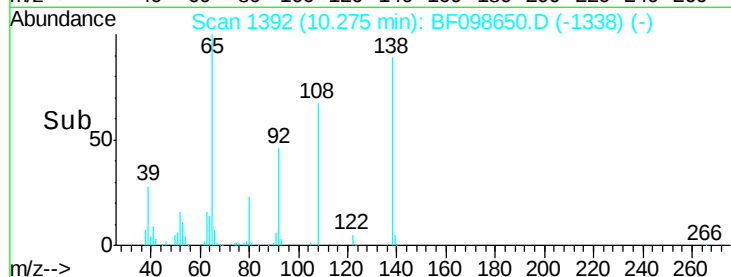
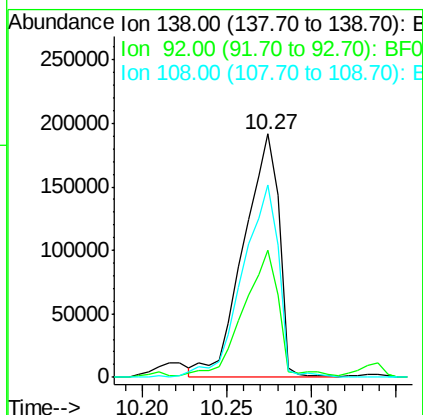
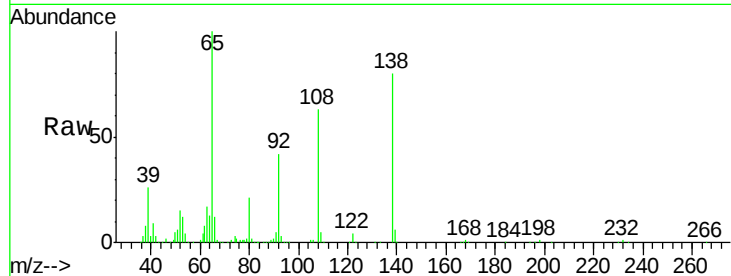




#61
4-Nitroaniline
Concen: 47.77 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

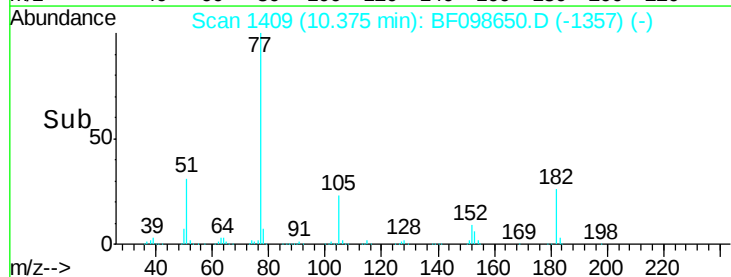
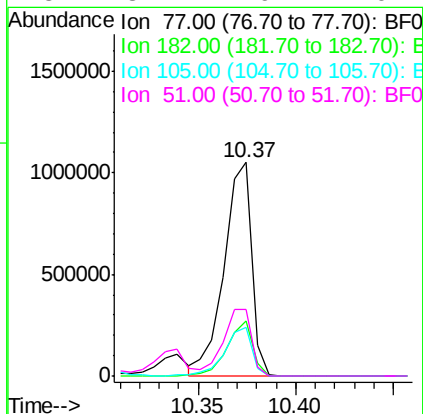
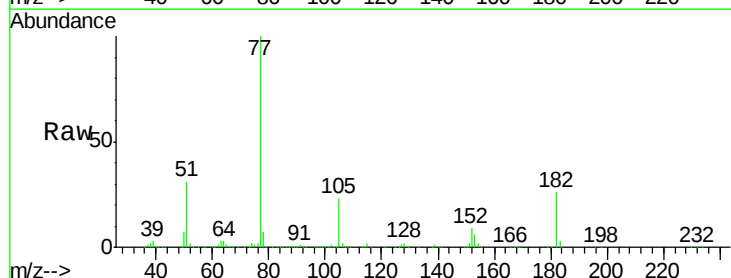
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

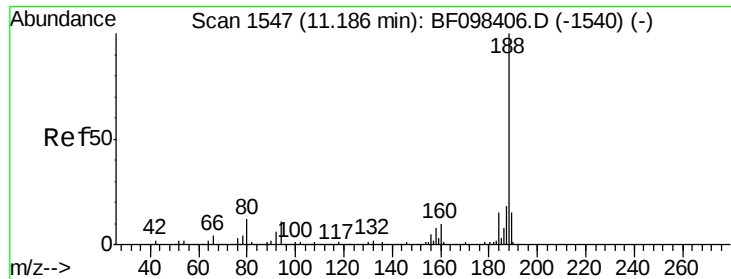
Tot Ion:138 Resp: 278280
Ion Ratio Lower Upper
138 100
92 52.2 21.8 61.8
108 78.9 42.3 82.3



#62
Azobenzene
Concen: 43.30 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion: 77 Resp: 1032302
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 22.8 3.6 43.6
51 31.4 9.4 49.4

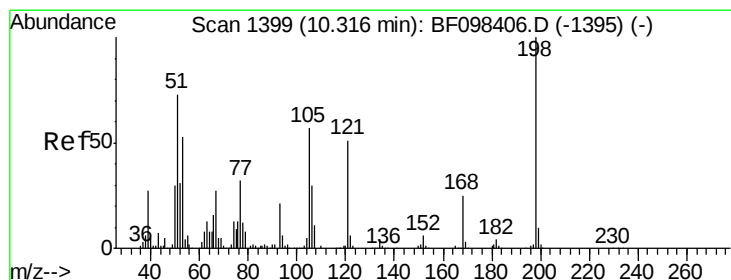
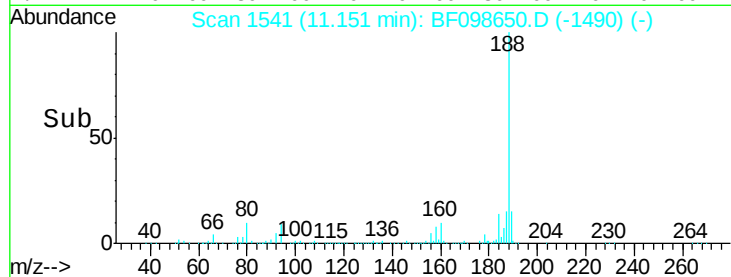
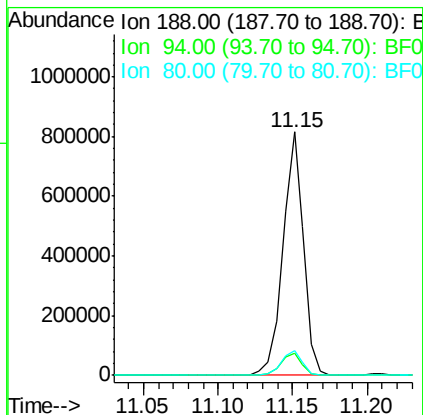
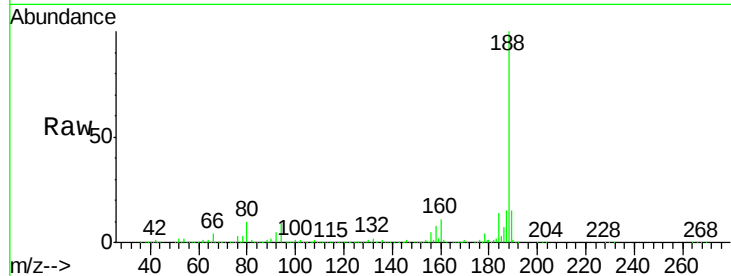




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

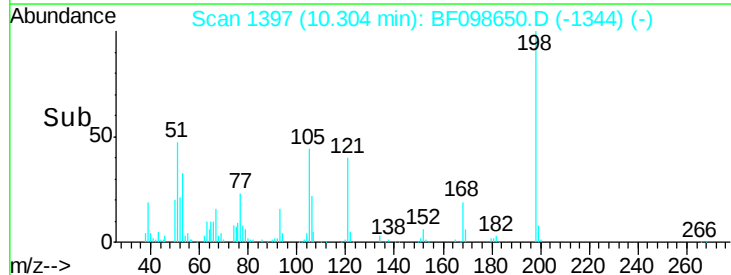
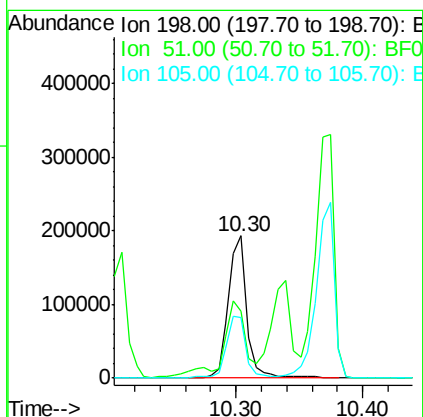
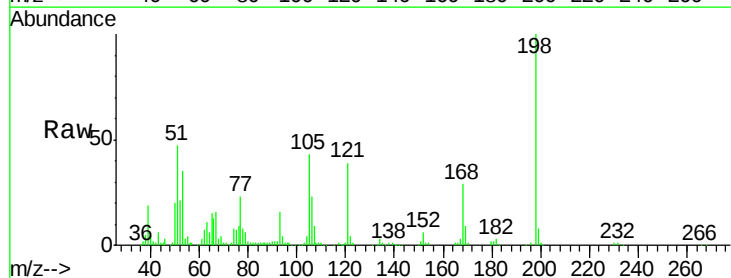
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

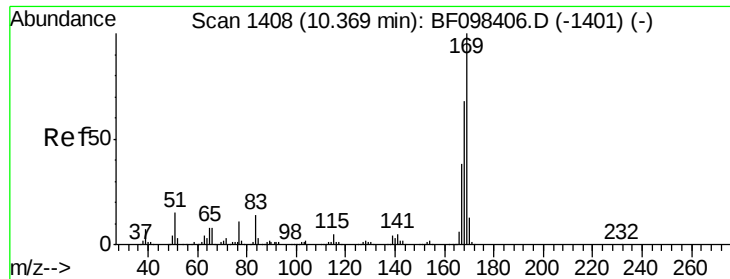
Tot Ion:188 Resp: 787627
Ion Ratio Lower Upper
188 100
94 9.1 9.4 14.2#
80 10.1 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.90 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:198 Resp: 193622
Ion Ratio Lower Upper
198 100
51 46.8 53.2 93.2#
105 42.9 45.8 85.8#

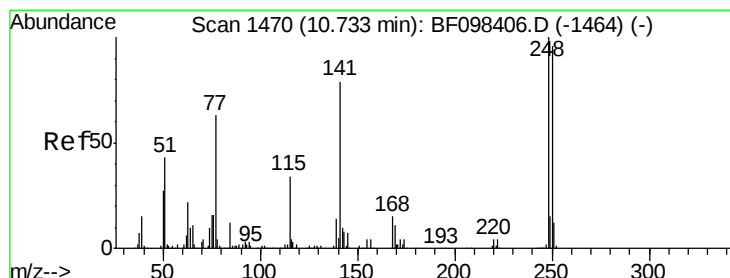
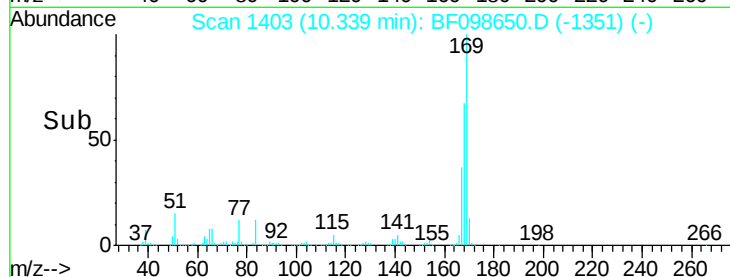
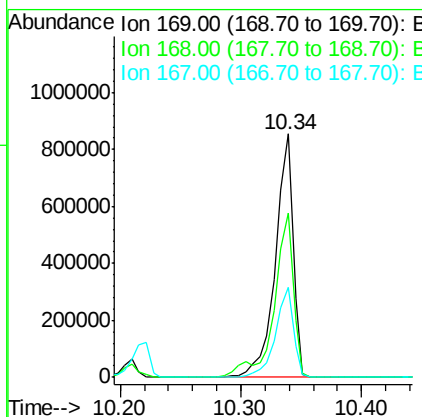
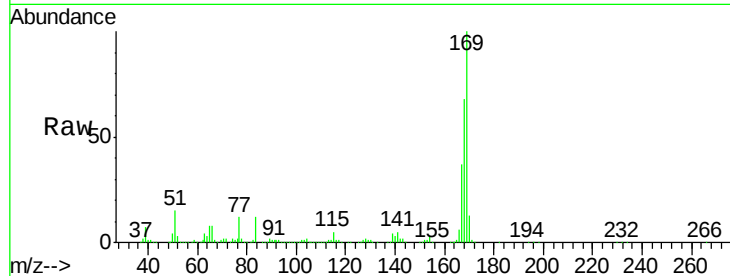




#65
n-Nitrosodiphenylamine
Concen: 33.71 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

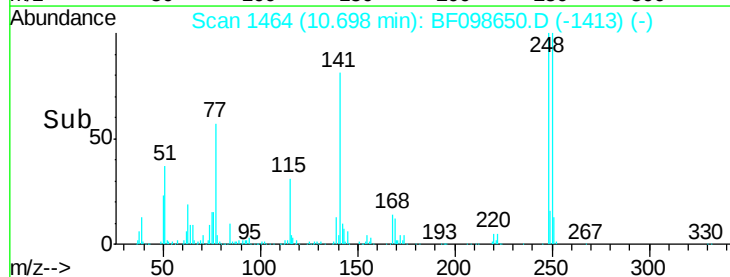
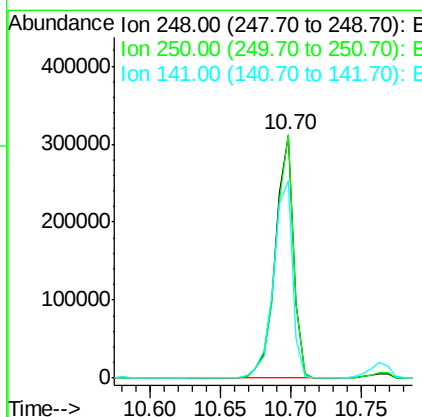
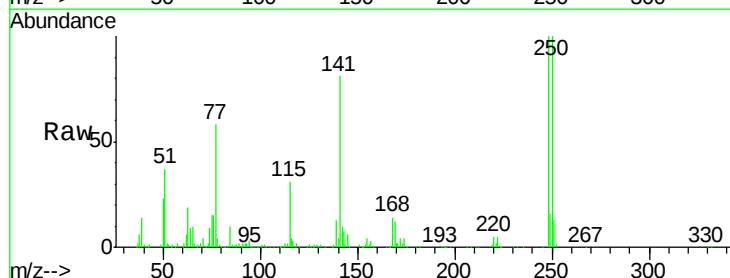
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

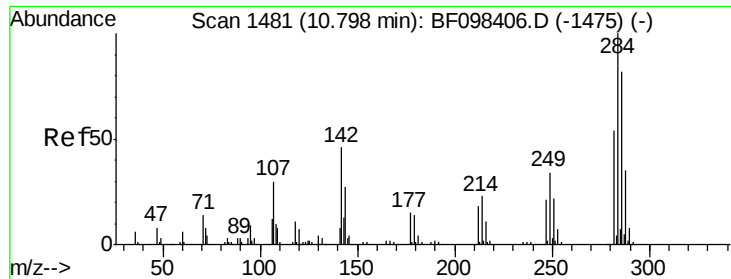
Tot Ion:169 Resp: 862024
Ion Ratio Lower Upper
169 100
168 67.7 53.2 79.8
167 37.2 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 37.62 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:248 Resp: 281236
Ion Ratio Lower Upper
248 100
250 100.2 76.8 115.2
141 81.2 68.6 103.0





#67

Hexachlorobenzene

Concen: 37.93 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

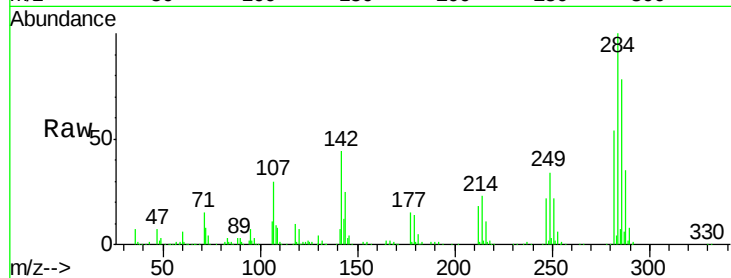
Tot Ion:284 Resp: 287582

Ion Ratio Lower Upper

284 100

142 43.8 22.8 34.2#

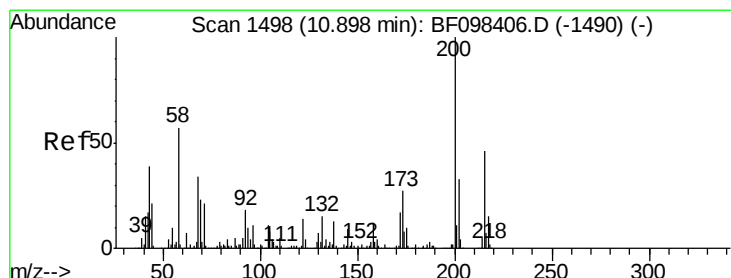
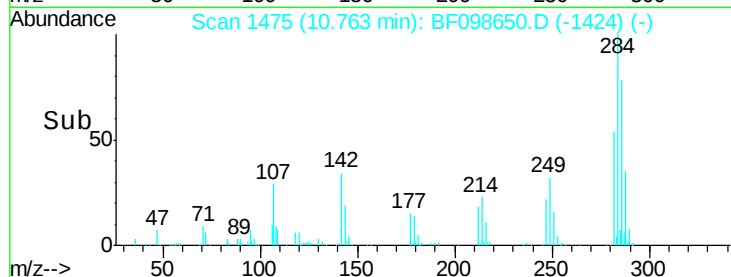
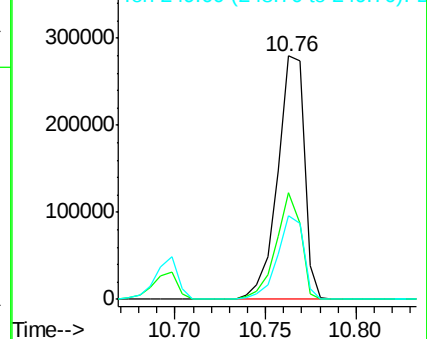
249 34.5 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.82 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

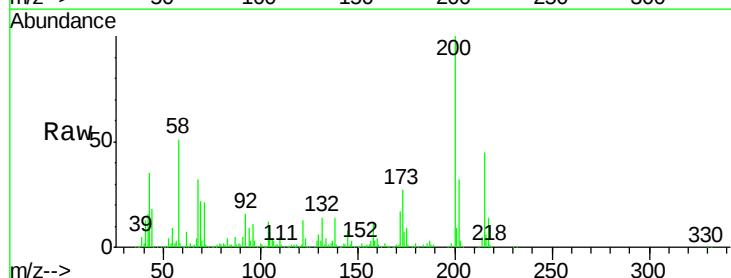
Tgt Ion:200 Resp: 337131

Ion Ratio Lower Upper

200 100

173 26.7 6.3 46.3

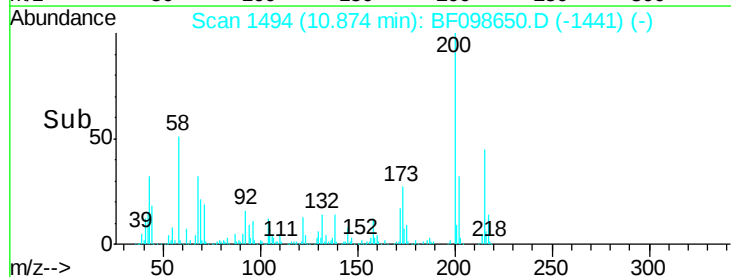
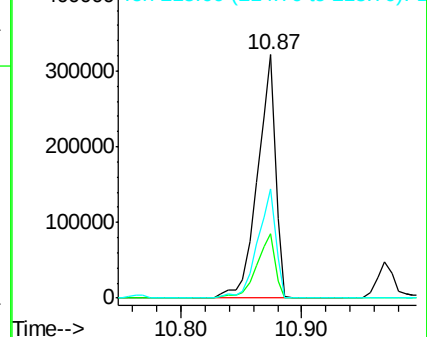
215 45.0 27.2 67.2

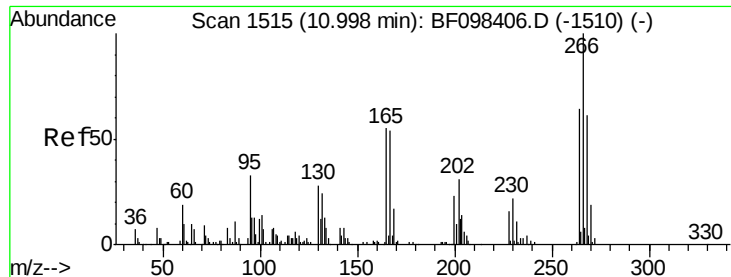


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

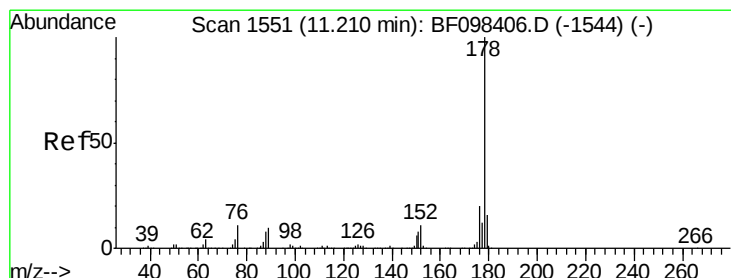
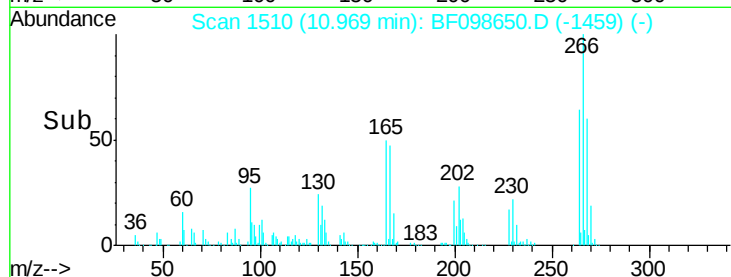
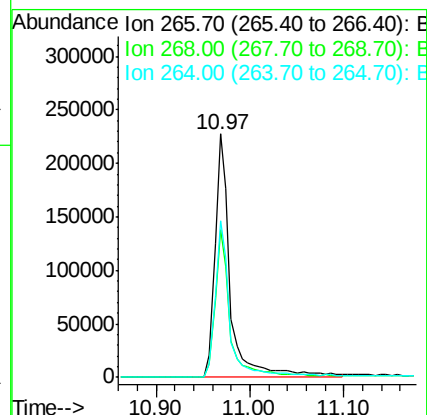
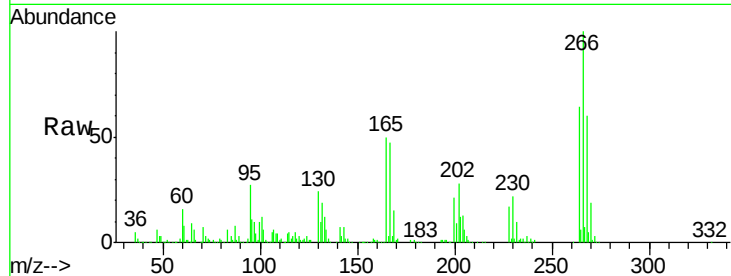




#69
 Pentachlorophenol
 Concen: 79.60 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

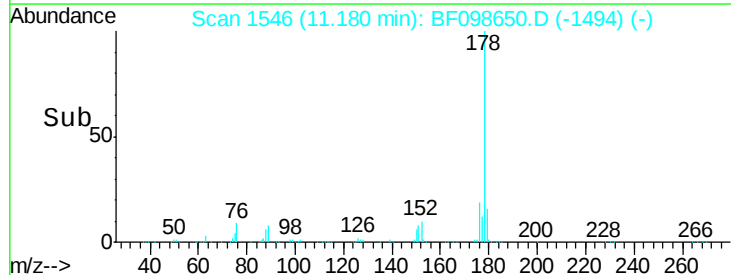
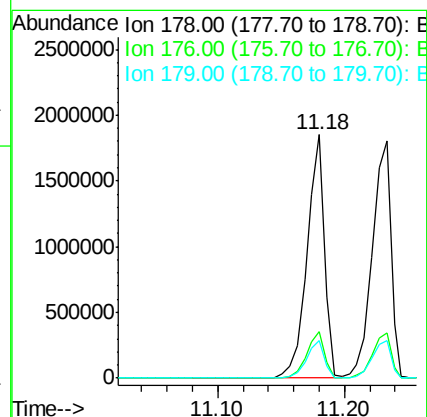
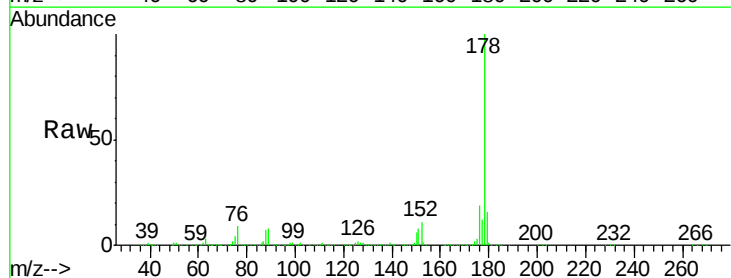
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

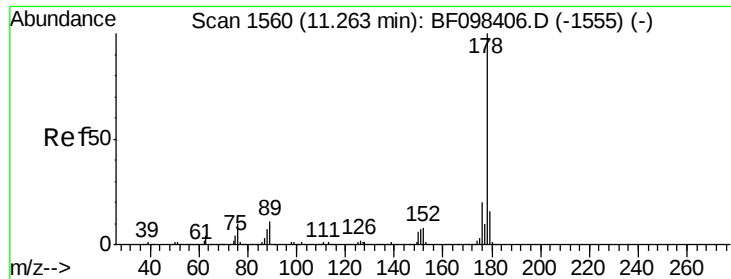
Tot Ion:266 Resp: 267035
 Ion Ratio Lower Upper
 266 100
 268 60.5 51.1 76.7
 264 64.1 51.7 77.5



#70
 Phenanthrene
 Concen: 42.52 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion:178 Resp: 1775419
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.6 12.6 19.0

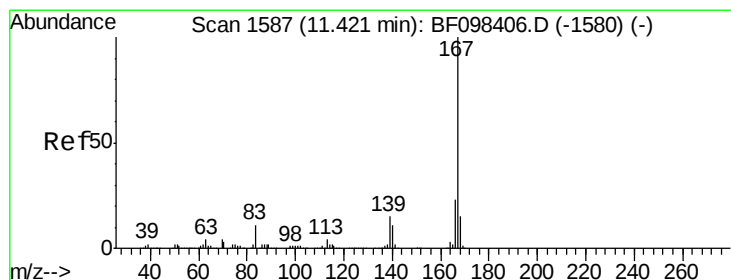
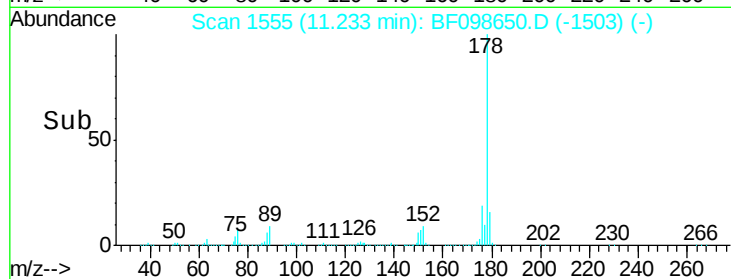
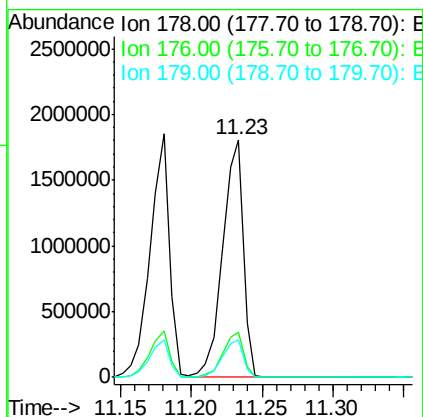
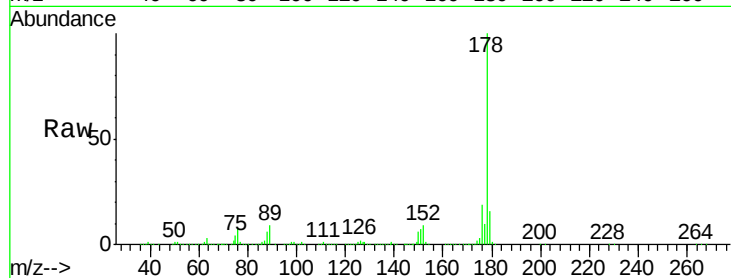




#71
 Anthracene
 Concen: 42.79 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

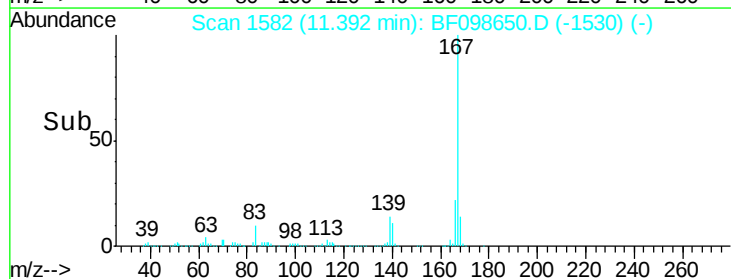
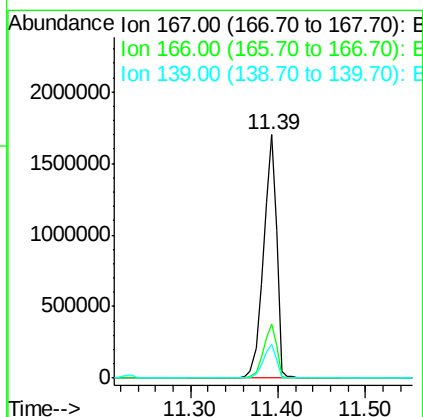
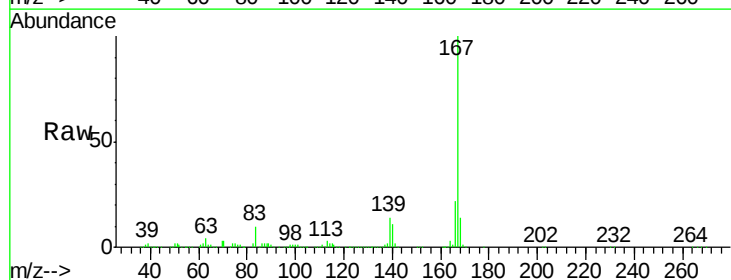
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

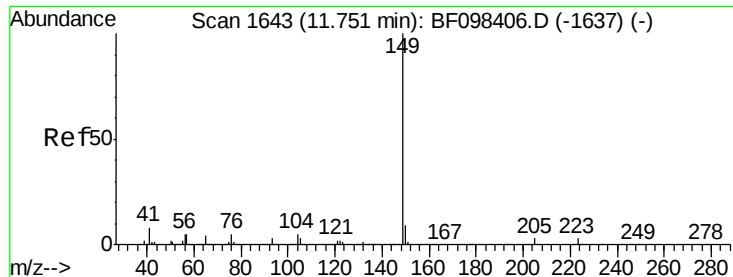
Tot Ion:178 Resp: 1834426
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 43.93 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion:167 Resp: 1755183
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.0 11.7 17.5

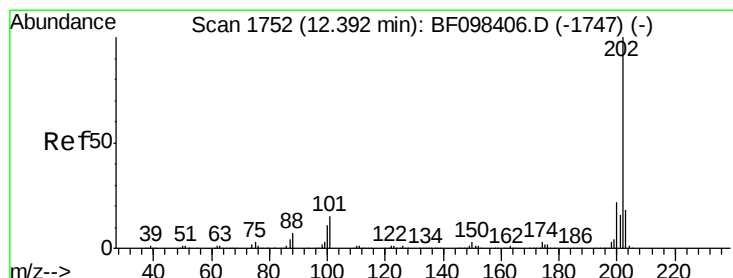
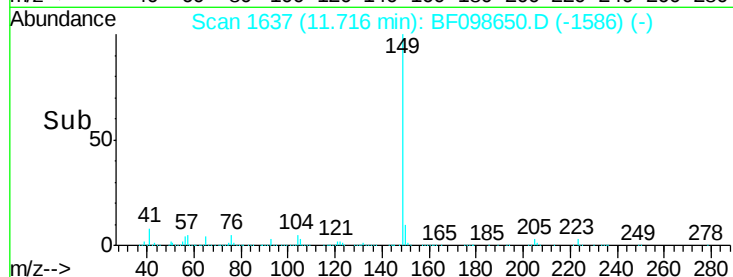
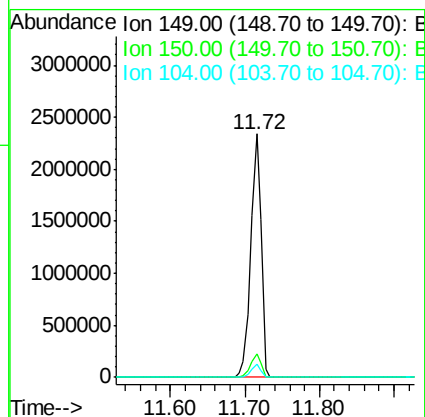
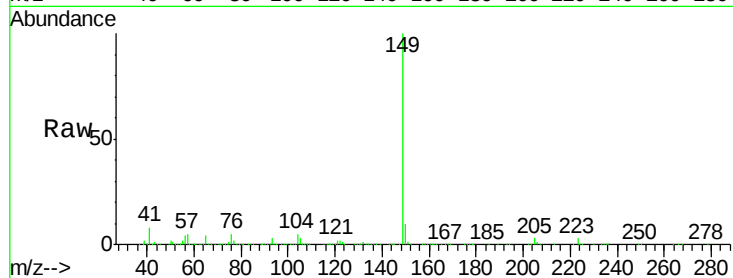




#73
Di-n-butylphthalate
Concen: 46.60 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

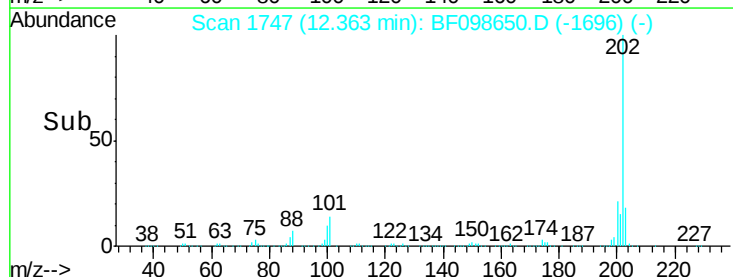
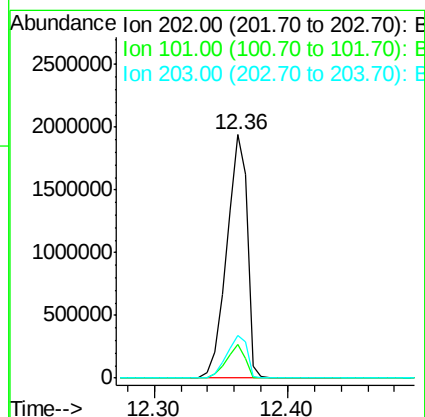
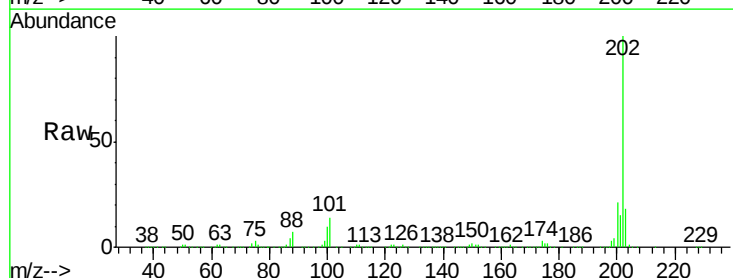
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

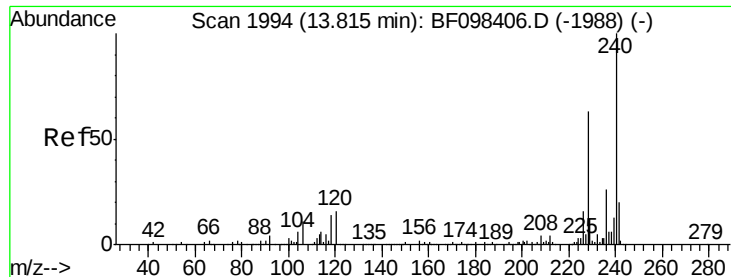
Tot Ion:149 Resp: 2230756
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 5.2 4.0 6.0



#74
Fluoranthene
Concen: 50.13 ng
RT: 12.36 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:202 Resp: 2095511
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

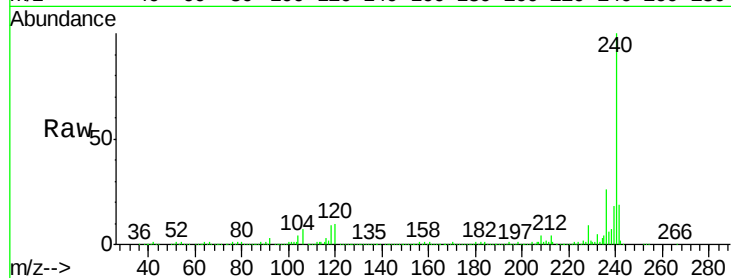
Tot Ion:240 Resp: 699127

Ion Ratio Lower Upper

240 100

120 10.2 5.8 8.8#

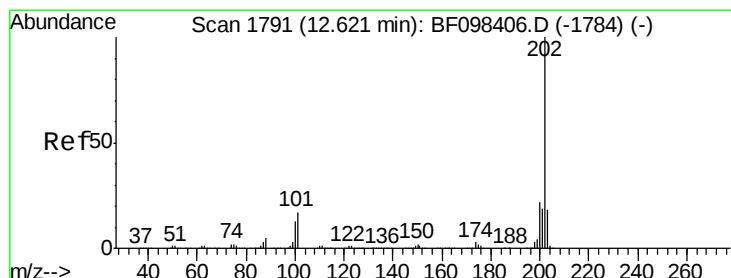
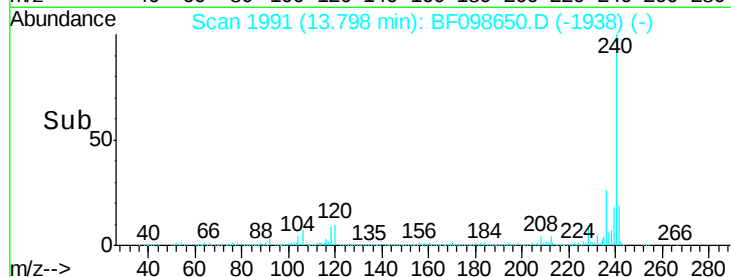
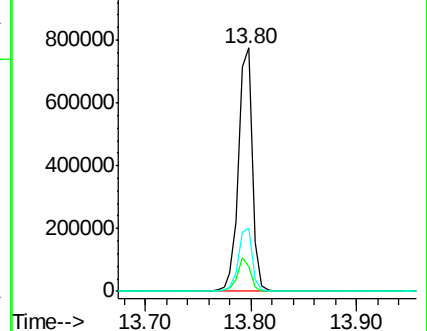
236 26.0 20.5 30.7



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



#77

Pyrene

Concen: 39.37 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

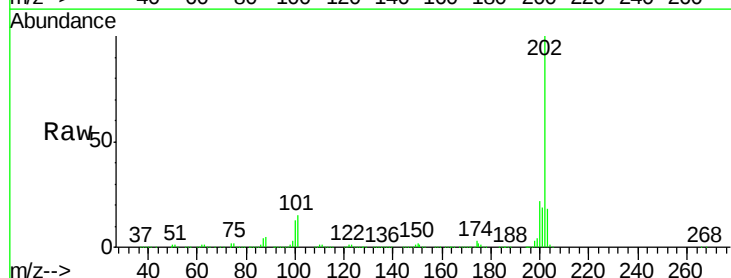
Tgt Ion:202 Resp: 2171572

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

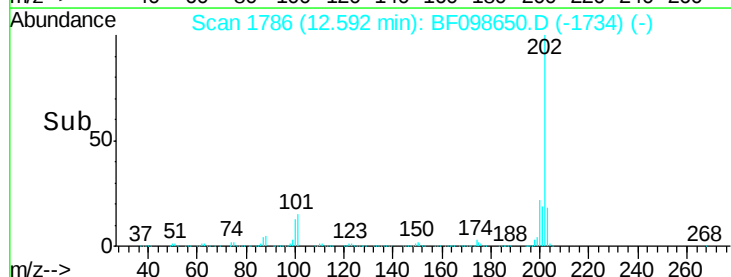
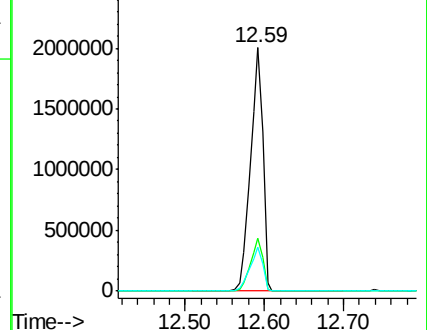
203 18.1 14.4 21.6

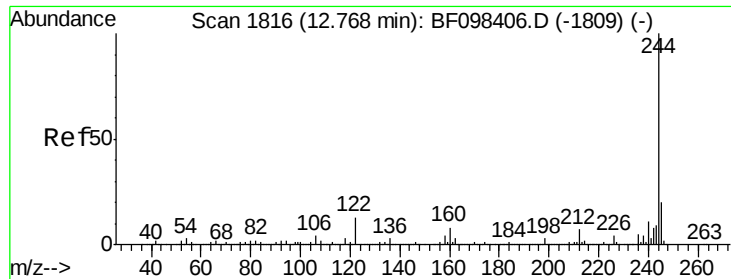


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.13 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

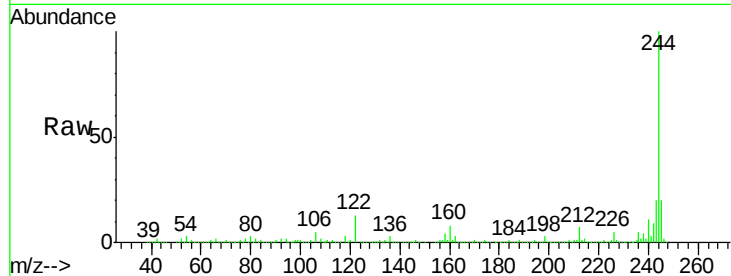
Tot Ion:244 Resp: 2336221

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

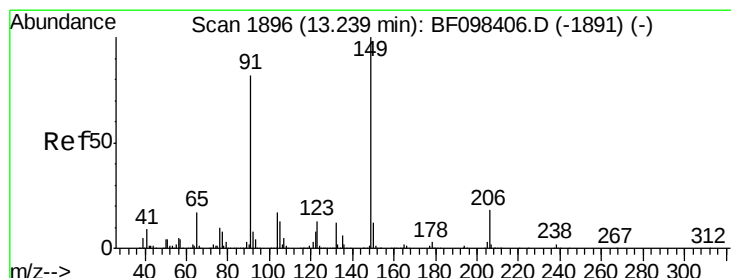
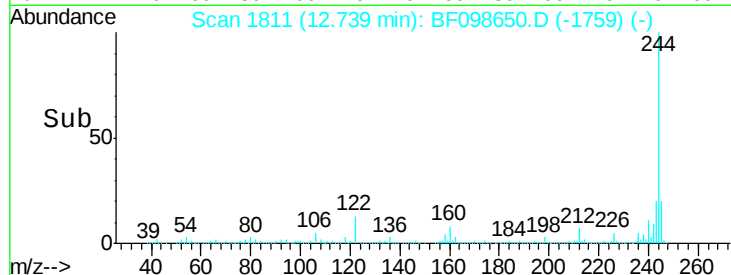
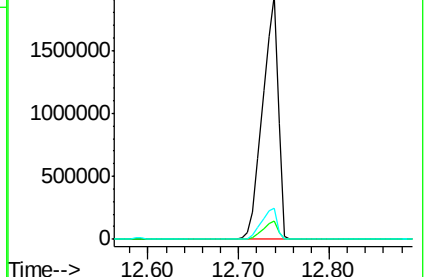
122 12.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.91 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

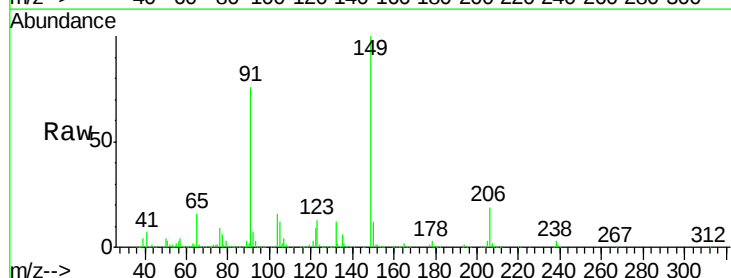
Tgt Ion:149 Resp: 1050565

Ion Ratio Lower Upper

149 100

91 75.8 45.0 67.4#

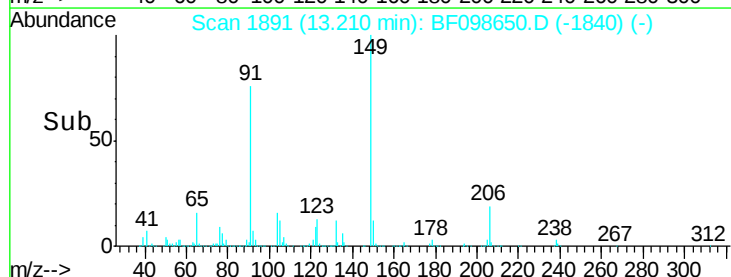
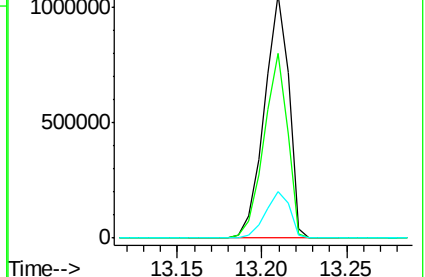
206 19.2 17.0 25.6

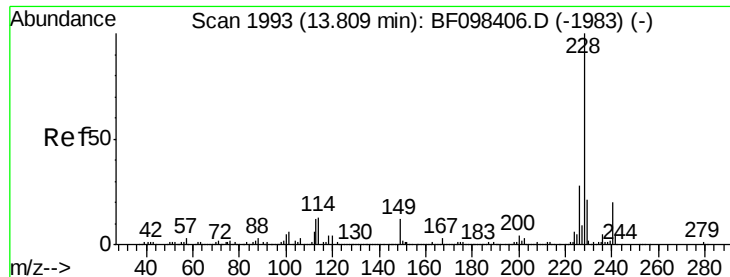


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.97 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

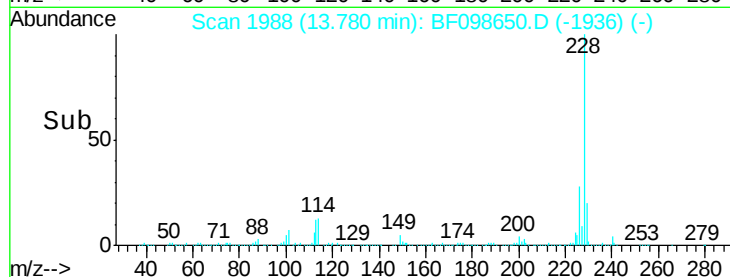
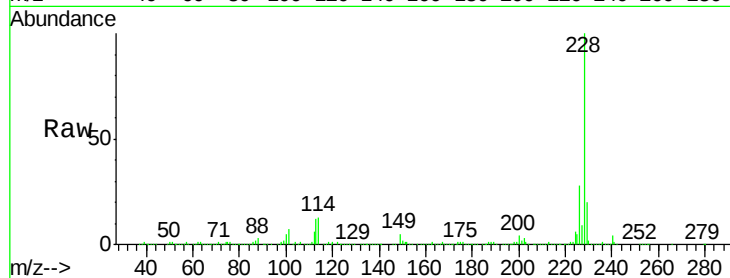
BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

Tot Ion:228 Resp: 1761091

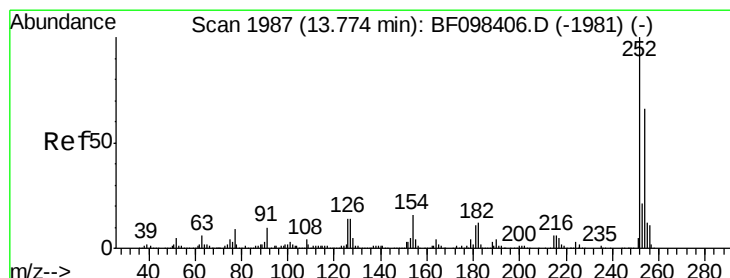
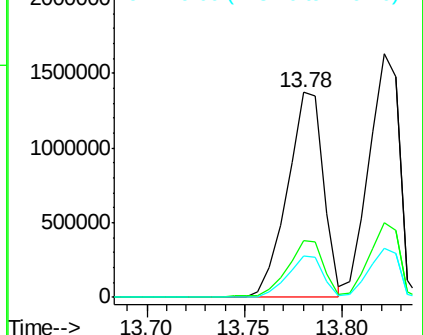
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.0	16.3	24.5



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



#81

3,3'-Dichlorobenzidine

Concen: 36.93 ng

RT: 13.75 min Scan# 1983

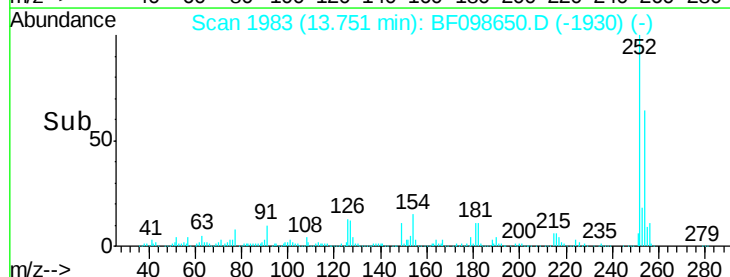
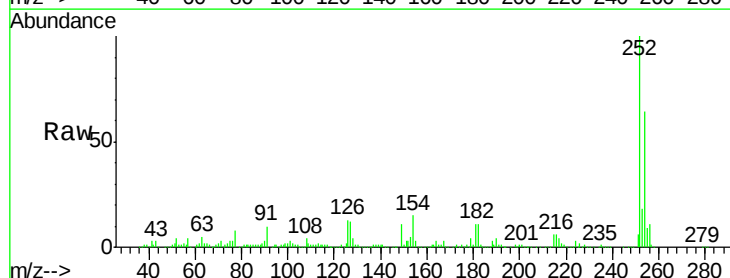
Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Tgt Ion:252 Resp: 588249

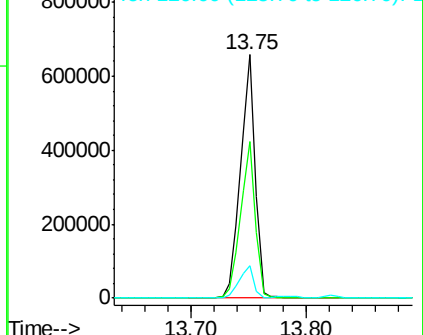
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	13.4	15.8	23.8#

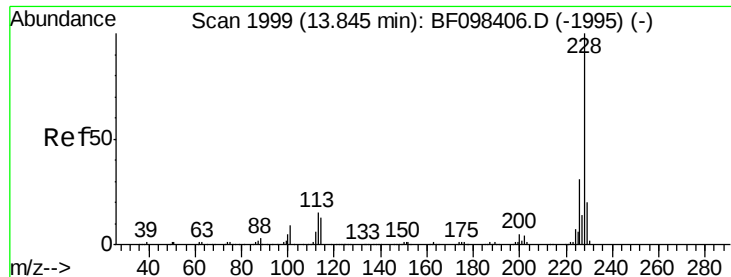


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

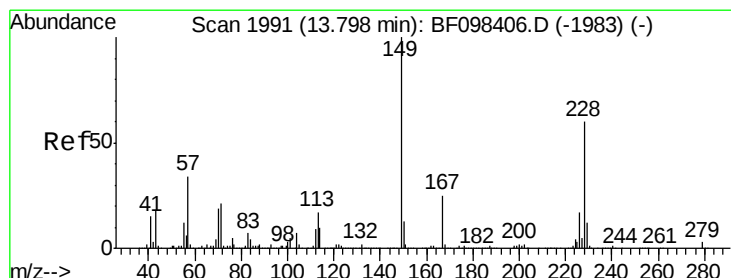
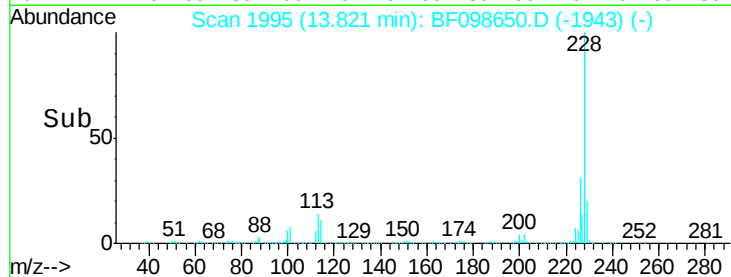
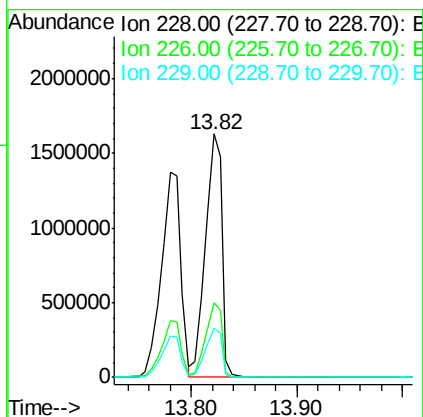
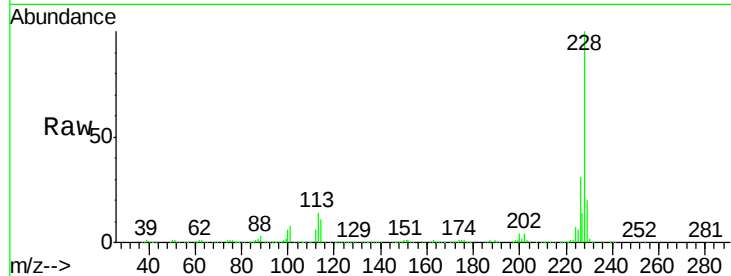




#82
 Chrysene
 Concen: 42.69 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.01 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

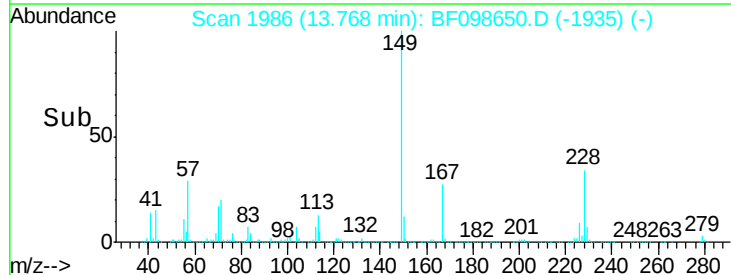
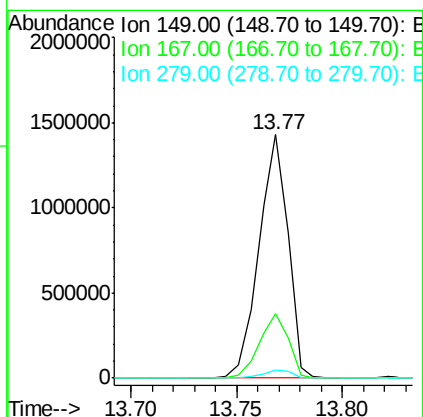
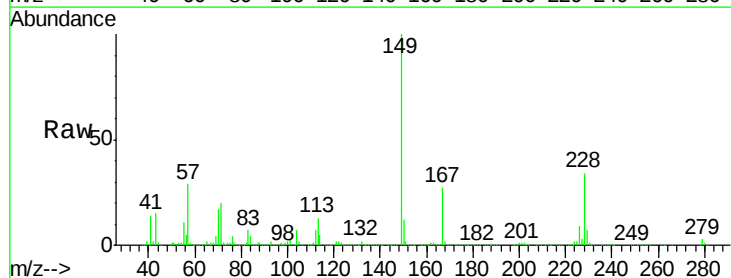
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(0-5)MSD

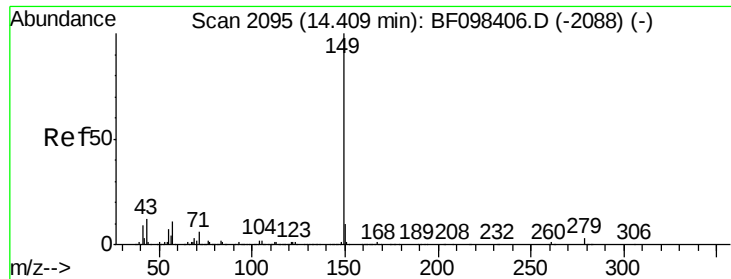
Tot Ion:228 Resp: 1768860
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.1 15.8 23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.46 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BF098650.D
 Acq: 19 Sep 2017 19:24

Tgt Ion:149 Resp: 1365086
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.3 1.9 2.9#





#84

Di-n-octyl phthalate

Concen: 40.70 ng

RT: 14.38 min Scan# 2090

Delta R.T. 0.01 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(0-5)MSD

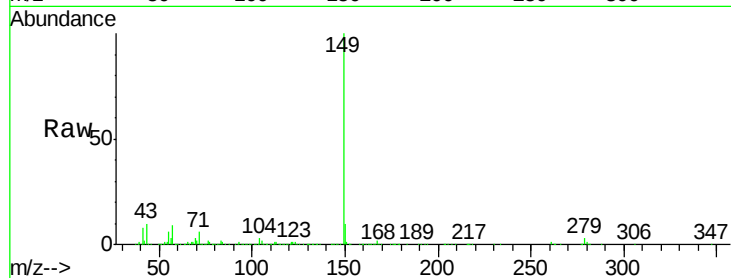
Tot Ion:149 Resp: 2096750

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

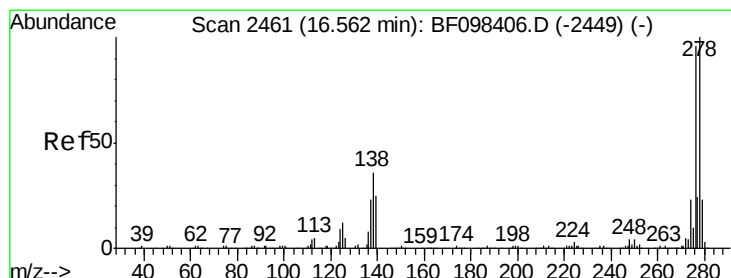
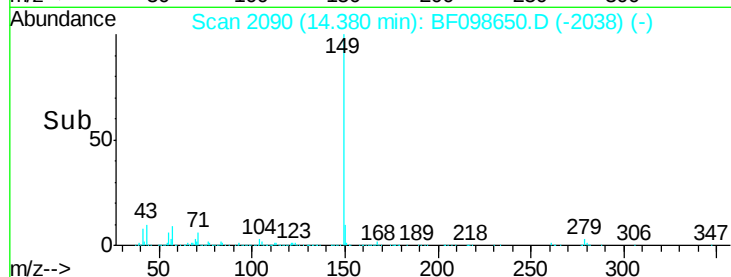
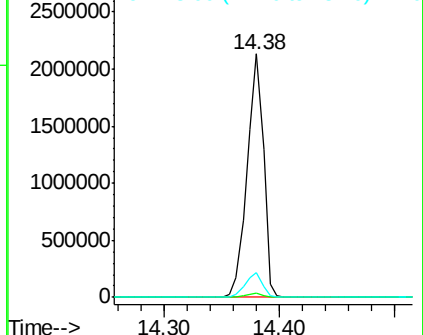
43 10.3 8.5 12.7



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: 44.16 ng

RT: 16.55 min Scan# 2459

Delta R.T. 0.04 min

Lab File: BF098650.D

Acq: 19 Sep 2017 19:24

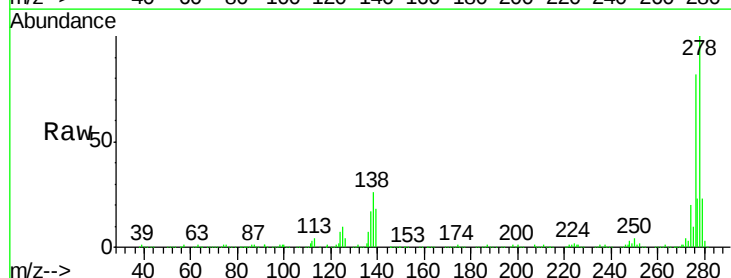
Tgt Ion:276 Resp: 1283659

Ion Ratio Lower Upper

276 100

138 28.6 27.8 41.6

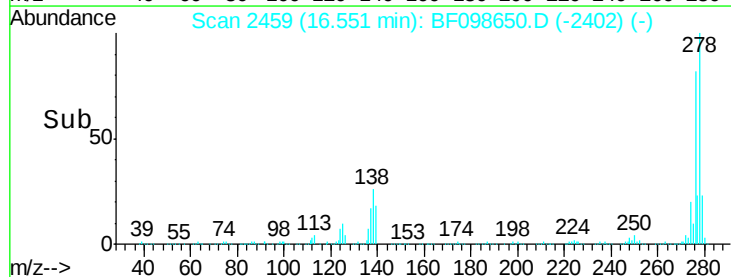
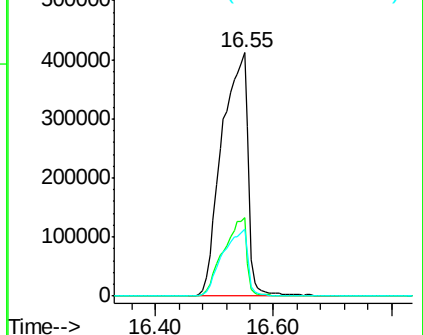
277 26.4 20.2 30.4

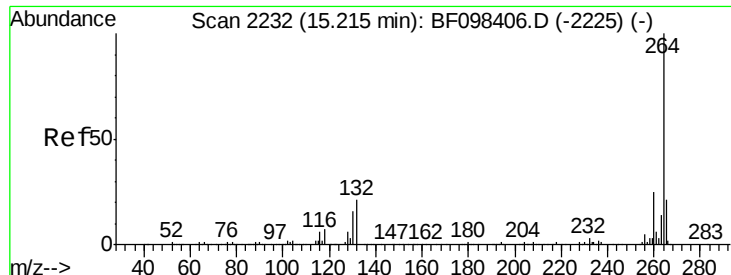


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

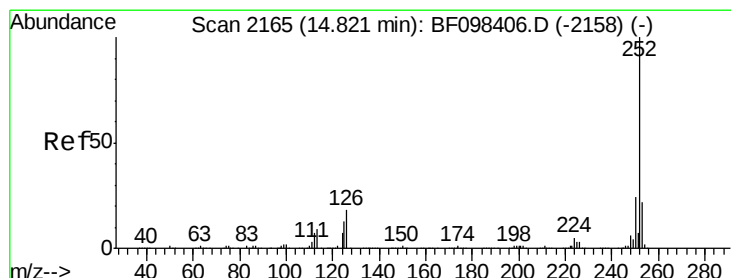
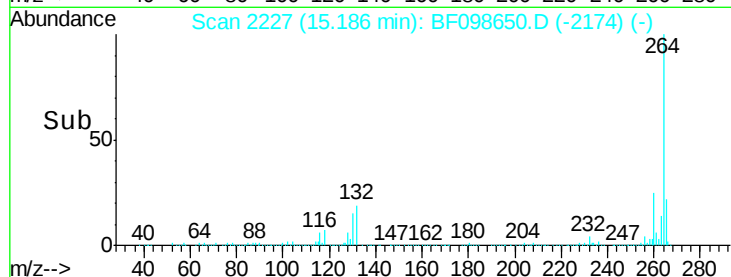
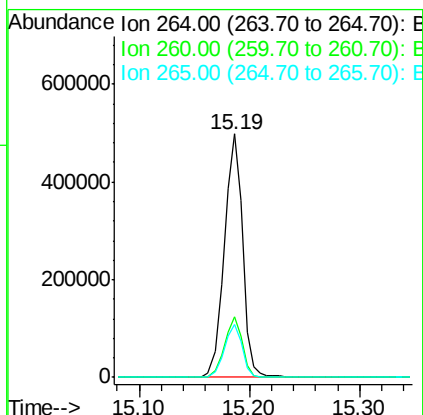
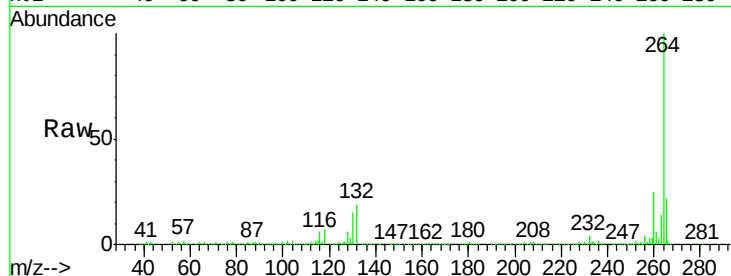




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

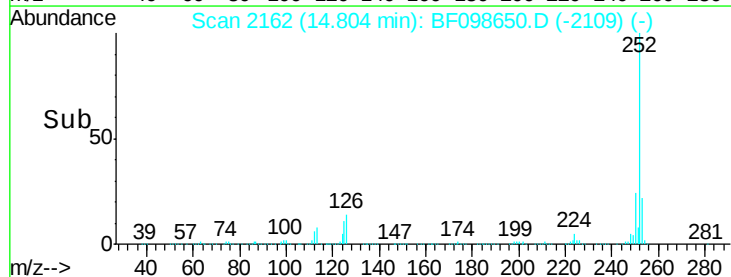
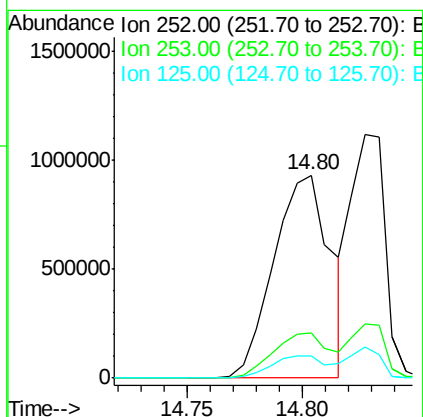
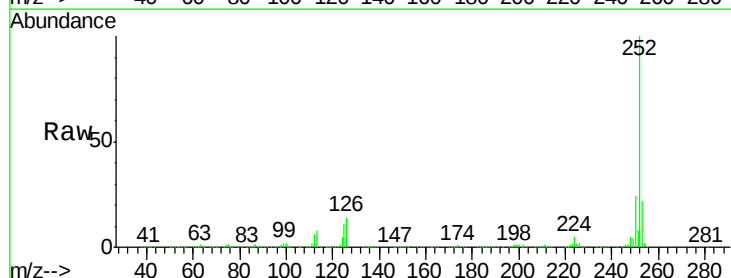
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

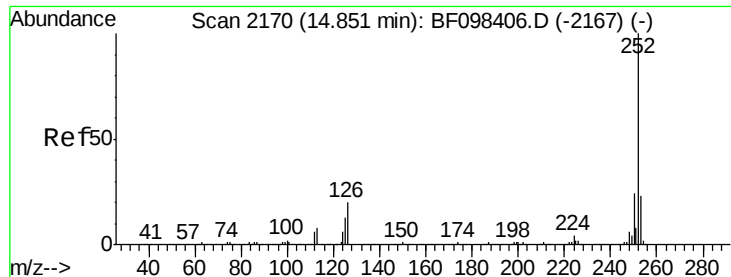
Tot Ion:264 Resp: 579480
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 21.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 43.54 ng
RT: 14.80 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:252 Resp: 1586310
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.7 9.8 14.8

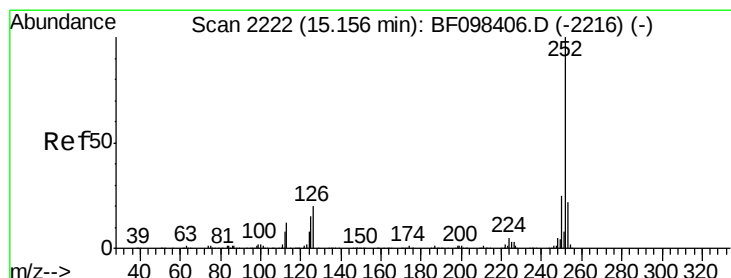
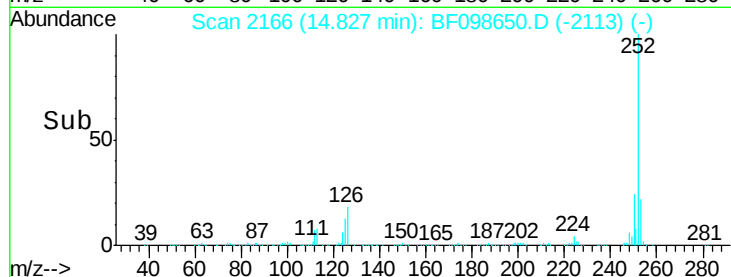
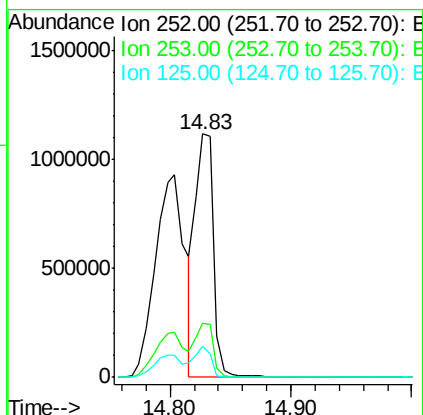
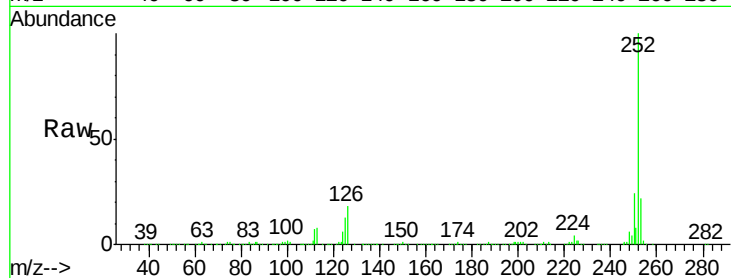




#88
Benzo(k)fluoranthene
Concen: 34.62 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

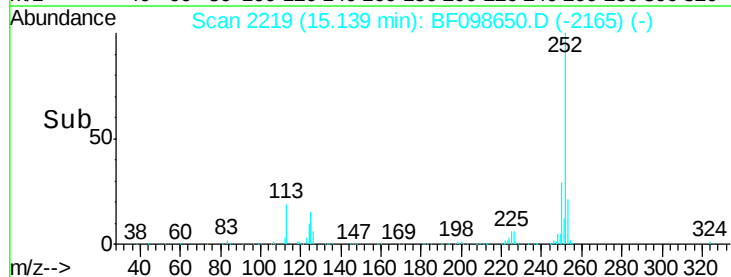
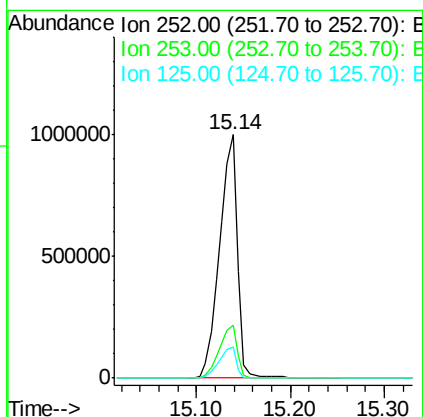
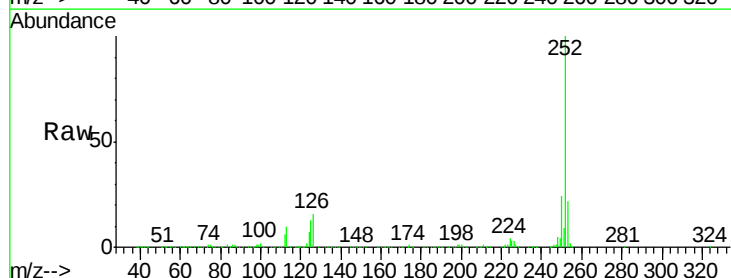
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

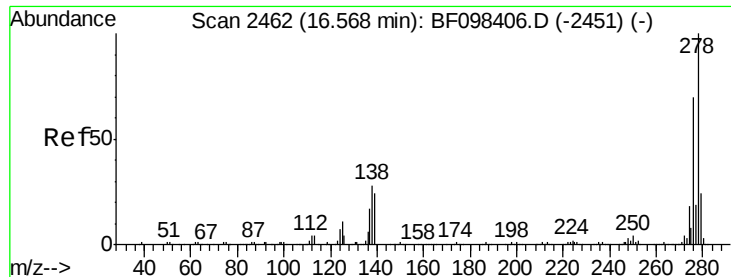
Tot Ion:252 Resp: 1177549
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 12.7 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 40.80 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:252 Resp: 1324440
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 12.8 11.0 16.4



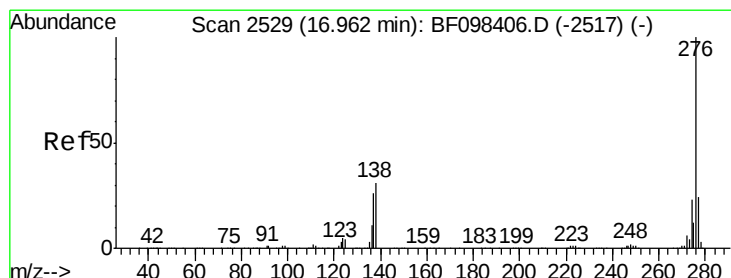
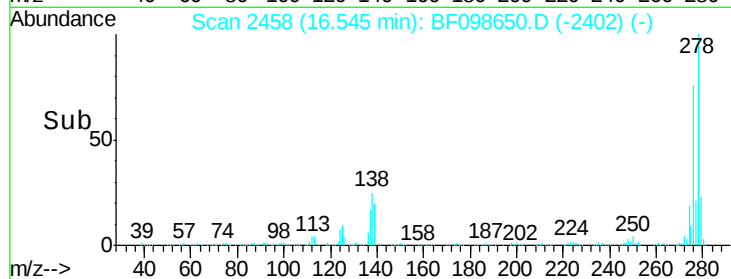
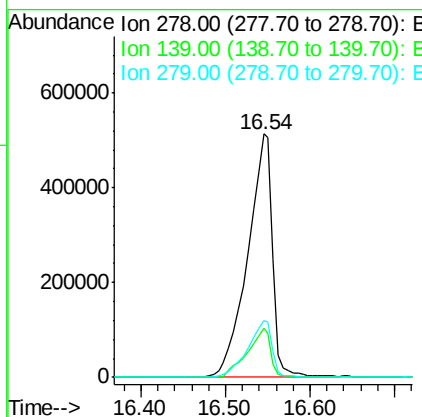
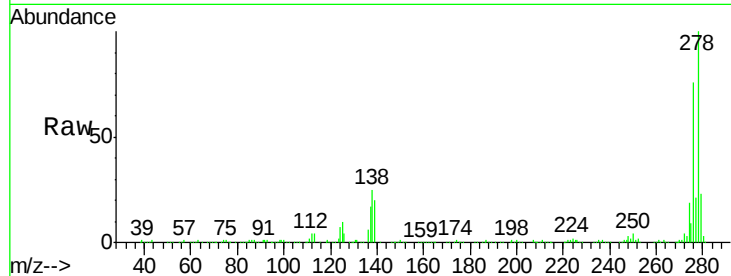


#90
Dibenzo(a,h)anthracene
Concen: 44.89 ng
RT: 16.54 min Scan# 2458
Delta R.T. 0.03 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)MSD

Tot Ion:278 Resp: 1060040

Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.6	24.8
279	23.4	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 38.88 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.03 min
Lab File: BF098650.D
Acq: 19 Sep 2017 19:24

Tgt Ion:276 Resp: 923449

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	23.9	25.4	38.0

