

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098714.D
 Acq On : 22 Sep 2017 23:38
 Operator : SJ/JU
 Sample : I5304-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 23 01:32:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	151710	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	626942	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	259474	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	376083	20.00	ng	0.00
75) Chrysene-d12	14.09	240	324013	20.00	ng	0.00
86) Perylene-d12	15.59	264	314621	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	433631	43.40	ng	0.00
7) Phenol-d6	6.54	99	524681	43.37	ng	0.00
23) Nitrobenzene-d5	7.49	82	299274	32.38	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	110911	46.74	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	500440	30.69	ng	0.00
78) Terphenyl-d14	13.03	244	622891	41.28	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.75	88	58206	12.33	ng	99
3) Pyridine	3.54	79	169031	13.48	ng	96
4) n-Nitrosodimethylamine	3.47	42	76225	13.87	ng	97
6) Aniline	6.59	93	197171	12.30	ng	99
8) 2-Chlorophenol	6.71	128	152316	14.04	ng	96
9) Benzaldehyde	6.48	77	46878	6.91	ng	94
10) Phenol	6.56	94	206426	15.46	ng	94
11) bis(2-Chloroethyl)ether	6.66	93	144380	14.04	ng	98
12) 1,3-Dichlorobenzene	6.87	146	161034	14.05	ng	99
13) 1,4-Dichlorobenzene	6.95	146	165206	14.24	ng	100
14) 1,2-Dichlorobenzene	7.10	146	155938	14.41	ng	98
15) Benzyl Alcohol	7.06	79	137332	15.73	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	222156	13.55	ng	100
17) 2-Methylphenol	7.17	107	123771	14.00	ng	98
18) Hexachloroethane	7.45	117	50498	12.64	ng	99
19) n-Nitroso-di-n-propylamine	7.33	70	104255	13.91	ng	98
20) 3+4-Methylphenols	7.32	107	165940	14.55	ng	93
22) Acetophenone	7.33	105	219657	14.16	ng	97
24) Nitrobenzene	7.50	77	156473	14.66	ng	98
25) Isophorone	7.74	82	278076	13.80	ng	97
26) 2-Nitrophenol	7.82	139	63926	17.65	ng	97
27) 2,4-Dimethylphenol	7.85	122	121273	12.25	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	172300	13.74	ng	99
29) 2,4-Dichlorophenol	8.06	162	118814	13.95	ng	100
30) 1,2,4-Trichlorobenzene	8.15	180	116038	13.51	ng	98
31) Naphthalene	8.23	128	418946	14.08	ng	99
32) Benzoic acid	7.85	122	121273	23.82	ng	# 13
33) 4-Chloroaniline	8.27	127	167545	13.54	ng	98
34) Hexachlorobutadiene	8.35	225	59970	12.96	ng	95
35) Caprolactam	8.62	113	52244	19.67	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	135991	13.99	ng	98
37) 2-Methylnaphthalene	8.92	142	266068	13.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	103395	13.47	ng	99
40) Hexachlorocyclopentadiene	9.07	237	17685	5.30	ng	96

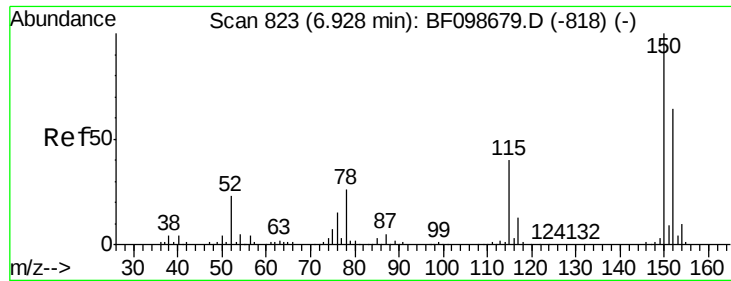
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	76561	14.80	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	84422	15.92	nq	94
45) 1,1'-Biphenyl	9.39	154	302281	13.56	nq	98
46) 2-Chloronaphthalene	9.41	162	236354	14.14	nq	98
47) 2-Nitroaniline	9.50	65	83985	17.89	nq	93
48) Acenaphthylene	9.83	152	361309	14.05	nq	99
49) Dimethylphthalate	9.68	163	382871	19.68	nq	99
50) 2,6-Dinitrotoluene	9.74	165	61987	16.14	nq	95
51) Acenaphthene	10.00	154	213405	13.37	nq	99
52) 3-Nitroaniline	9.91	138	81608	17.83	nq	98
53) 2,4-Dinitrophenol	10.01	184	1331	7.13	nq	# 1
54) Dibenzofuran	10.17	168	322109	14.78	nq	97
55) 4-Nitrophenol	10.06	139	132049	33.15	nq	92
56) 2,4-Dinitrotoluene	10.14	165	79652	15.44	nq	93
57) Fluorene	10.51	166	243752	13.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	60045	15.92	nq	98
59) Diethylphthalate	10.38	149	314702	16.50	nq	98
60) 4-Chlorophenyl-phenylether	10.50	204	109573	14.28	nq	99
61) 4-Nitroaniline	10.52	138	87343	19.90	nq	96
62) Azobenzene	10.66	77	260899	14.63	nq	99
64) 4,6-Dinitro-2-methylphenol	10.54	198	3736	10.57	nq	95
65) n-Nitrosodiphenylamine	10.62	169	232564	17.97	nq	96
66) 4-Bromophenyl-phenylether	10.99	248	63077	16.61	nq	97
67) Hexachlorobenzene	11.06	284	67047	15.49	nq	99
68) Atrazine	11.14	200	80701	20.72	nq	98
69) Pentachlorophenol	11.25	266	79305	32.07	nq	99
70) Phenanthrene	11.47	178	347292	17.02	nq	98
71) Anthracene	11.53	178	350411	16.84	nq	99
72) Carbazole	11.68	167	403346	19.84	nq	99
73) Di-n-butylphthalate	12.00	149	540044	22.87	nq	99
74) Fluoranthene	12.66	202	432963	21.29	nq	99
76) Benzidine	12.79	184	301961	22.95	nq	98
77) Pyrene	12.90	202	465498	19.35	nq	97
79) Butylbenzylphthalate	13.51	149	256873	25.81	nq	93
80) Benzo(a)anthracene	14.08	228	522292	26.76	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	192887	27.69	nq	99
82) Chrysene	14.12	228	499534	26.50	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	386913	28.11	nq	# 99
84) Di-n-octyl phthalate	14.68	149	724363	35.04	nq	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	443418	30.33	nq	100
87) Benzo(b)fluoranthene	15.14	252	505134	27.68	nq	98
88) Benzo(k)fluoranthene	15.17	252	513002	28.13	nq	100
89) Benzo(a)pyrene	15.52	252	478211	28.86	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	380075	27.12	nq	98
91) Benzo(g,h,i)perylene	17.55	276	346700	24.61	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

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

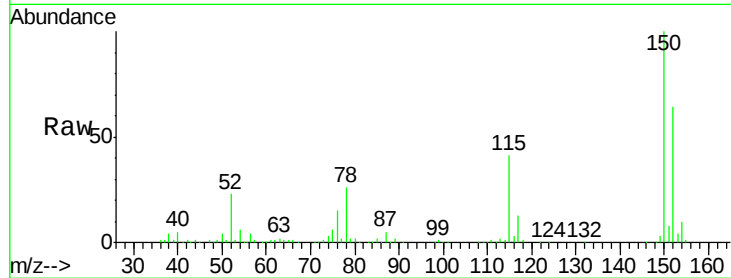
Tot Ion:152 Resp: 151710

Ion Ratio Lower Upper

152 100

150 157.5 124.6 186.8

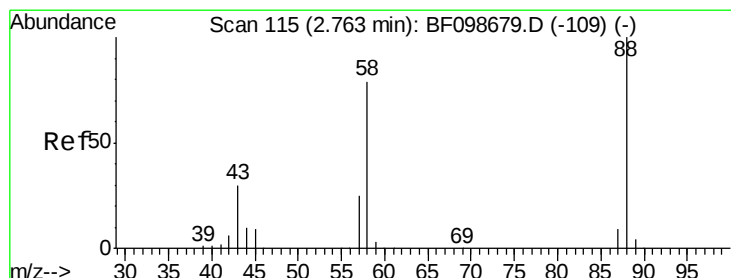
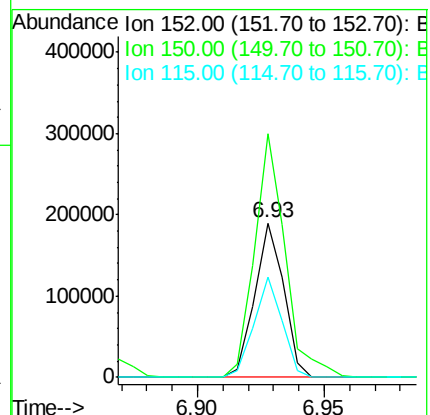
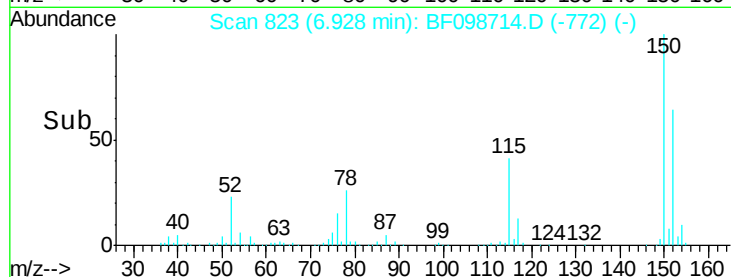
115 64.5 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 12.33 ng

RT: 2.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

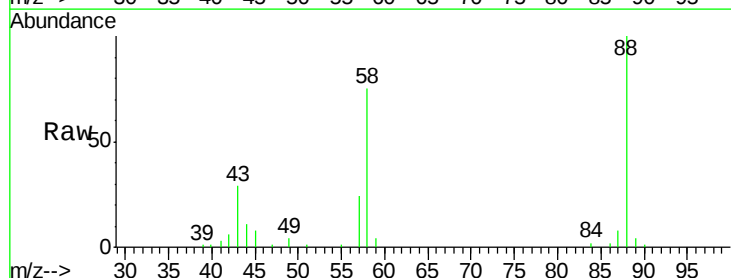
Tgt Ion: 88 Resp: 58206

Ion Ratio Lower Upper

88 100

58 77.7 62.6 93.8

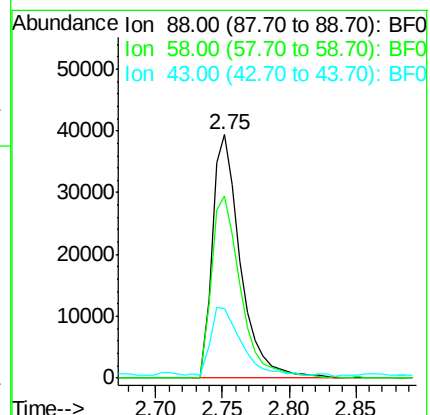
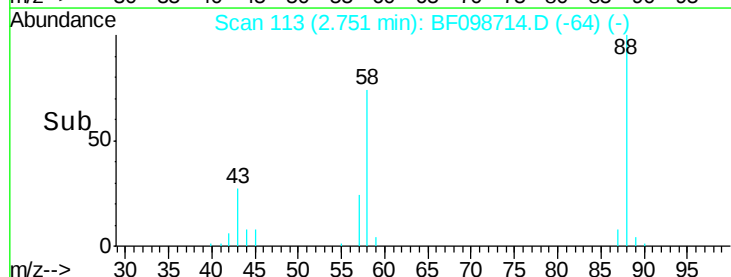
43 30.1 24.6 37.0

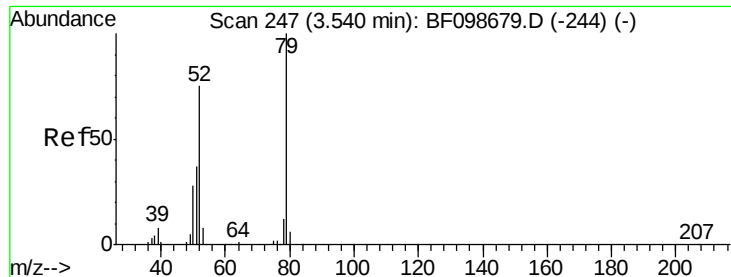


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 13.48 ng

RT: 3.54 min Scan# 247

Delta R.T. -0.00 min

Lab File: BF098714.D

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

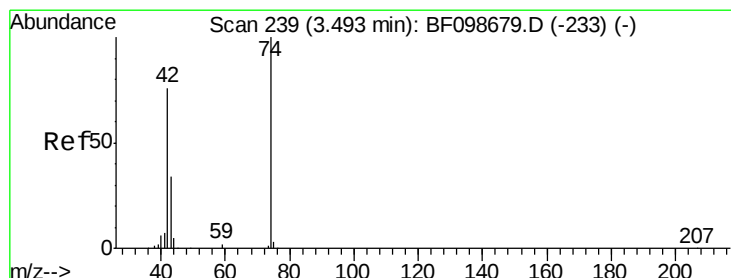
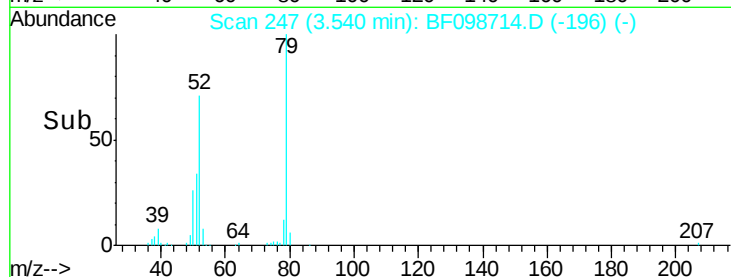
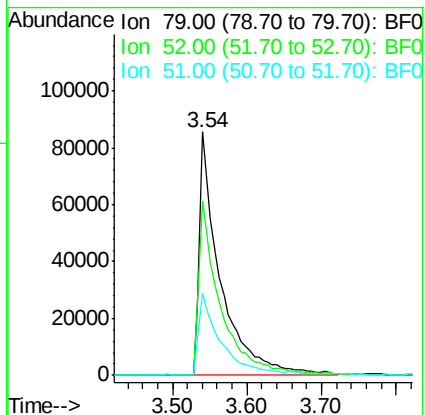
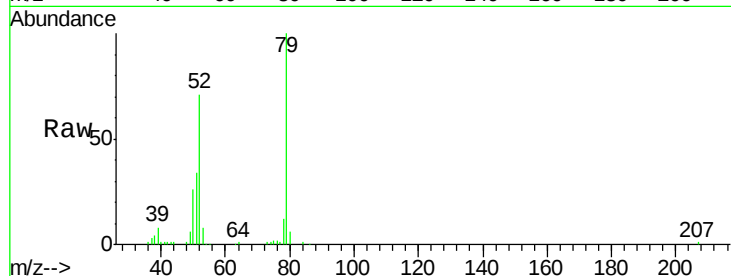
Tot Ion: 79 Resp: 169031

Ion Ratio Lower Upper

79 100

52 71.4 59.8 89.6

51 34.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 13.87 ng

RT: 3.47 min Scan# 235

Delta R.T. -0.02 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

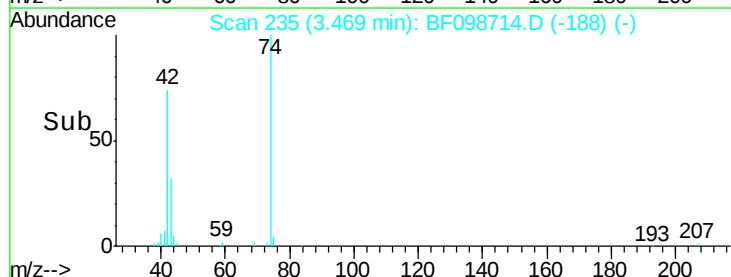
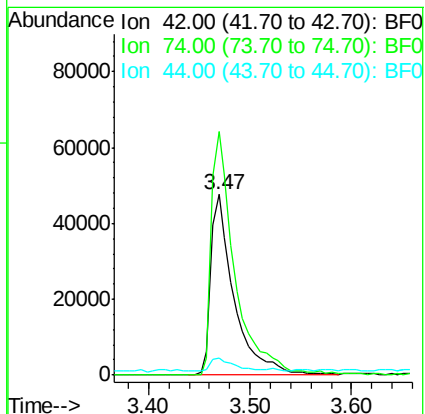
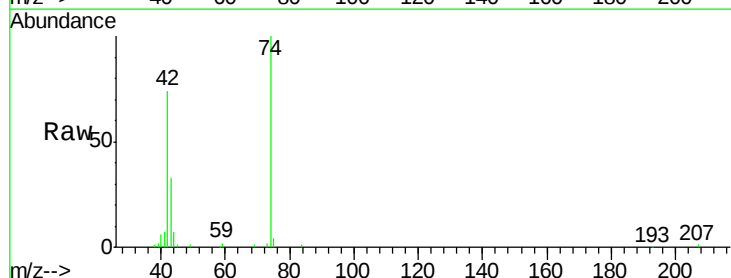
Tgt Ion: 42 Resp: 76225

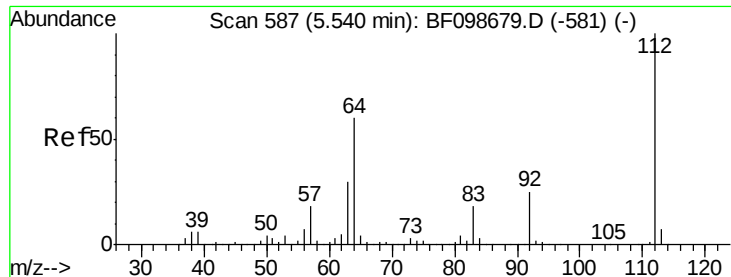
Ion Ratio Lower Upper

42 100

74 134.8 104.9 157.3

44 9.4 6.9 10.3





#5

2-Fluorophenol

Concen: 43.40 ng

RT: 5.54 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF098714.D

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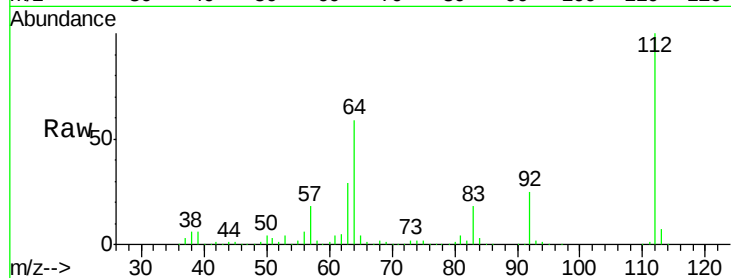
Tot Ion:112 Resp: 433631

Ion Ratio Lower Upper

112 100

64 58.8 47.9 71.9

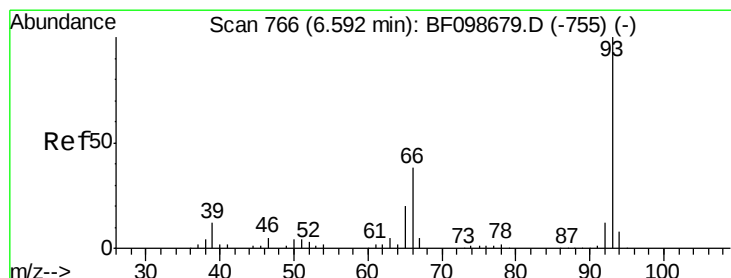
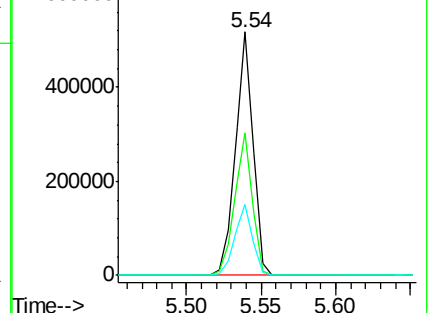
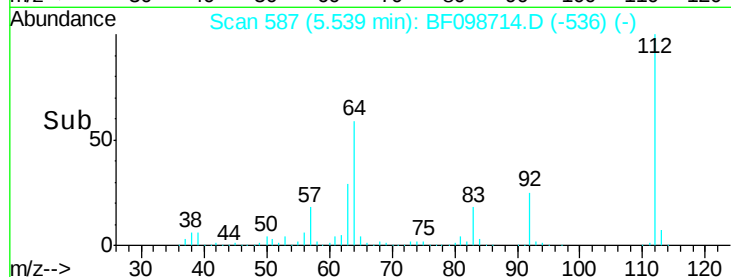
63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.30 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

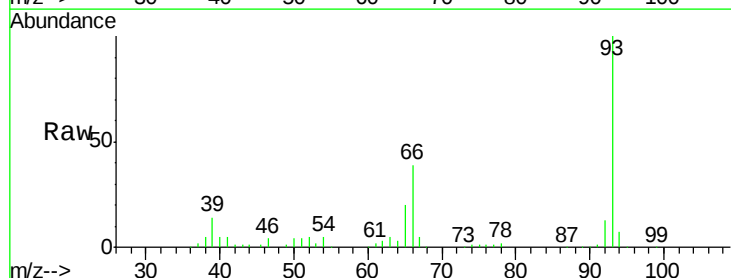
Tgt Ion: 93 Resp: 197171

Ion Ratio Lower Upper

93 100

66 39.4 32.2 48.2

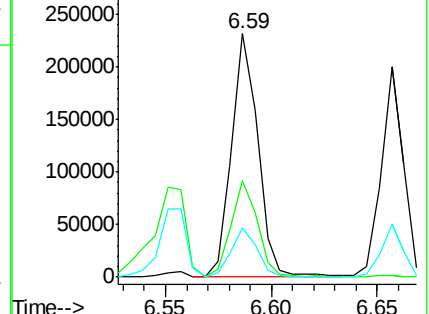
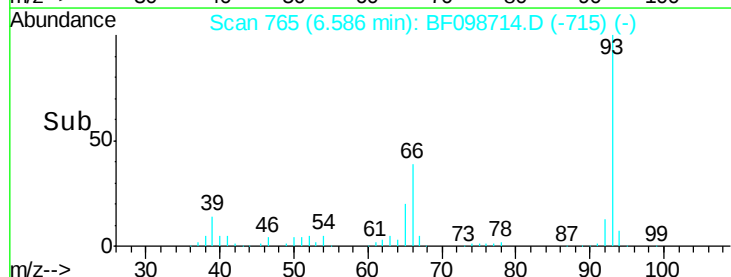
65 20.3 16.4 24.6

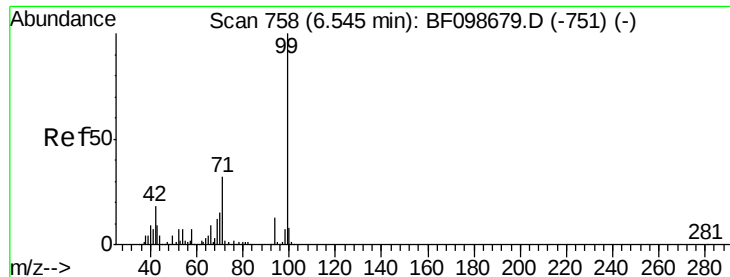


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.37 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

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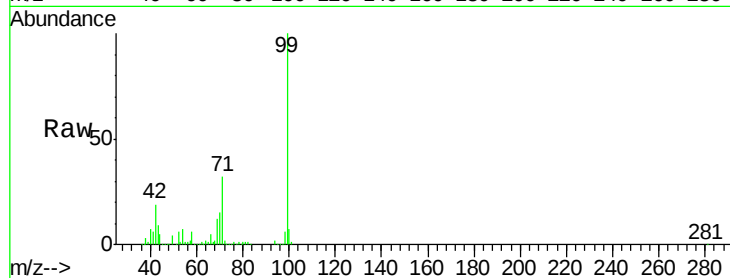
Tot Ion: 99 Resp: 524681

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

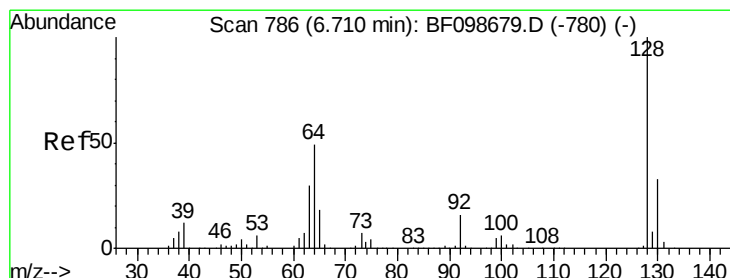
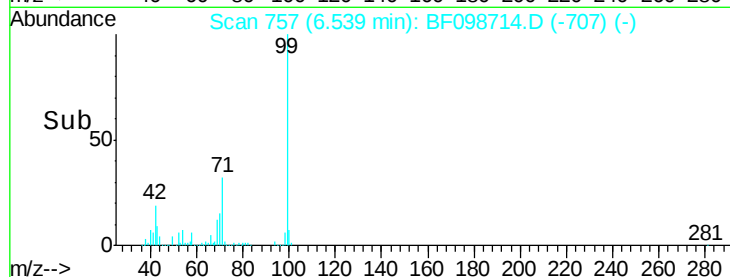
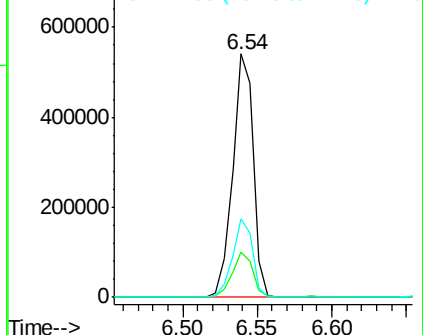
71 32.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 14.04 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

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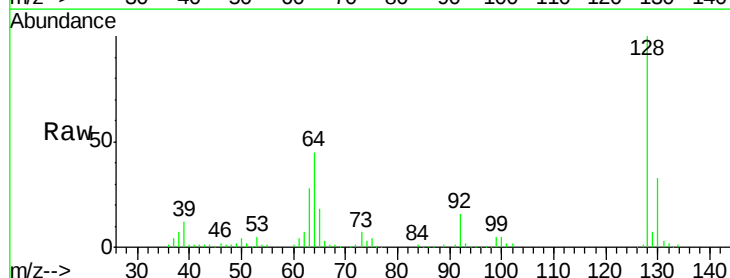
Tgt Ion: 128 Resp: 152316

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

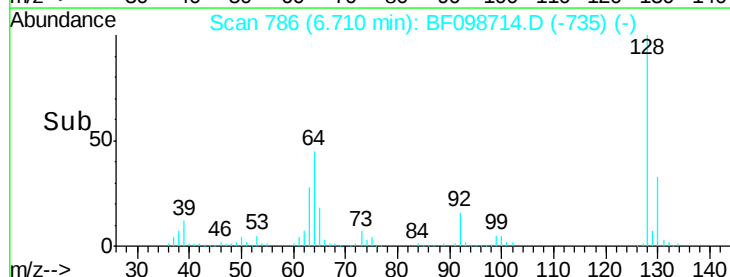
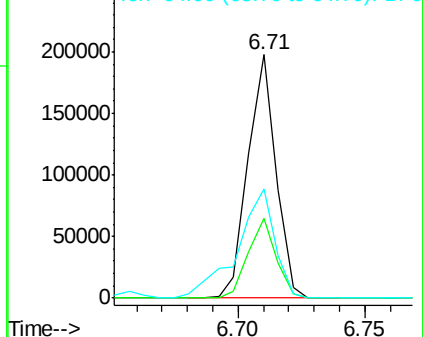
64 44.9 29.4 69.4

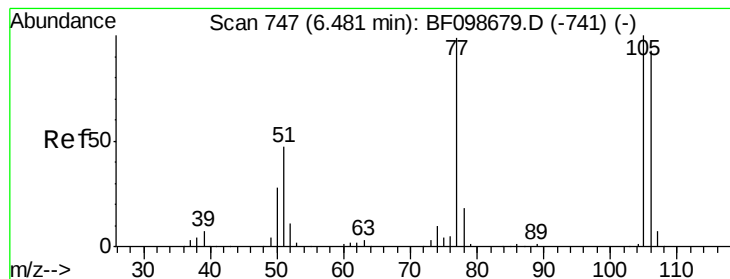


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.91 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

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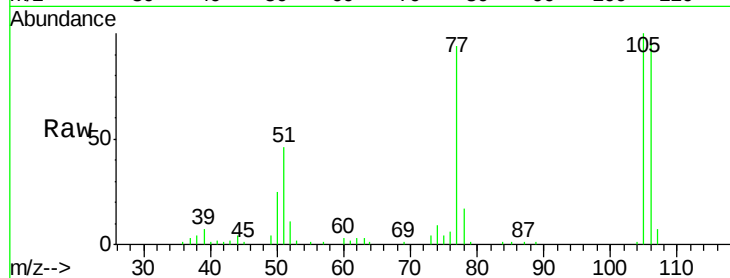
Tot Ion: 77 Resp: 46878

Ion Ratio Lower Upper

77 100

105 106.5 81.1 121.1

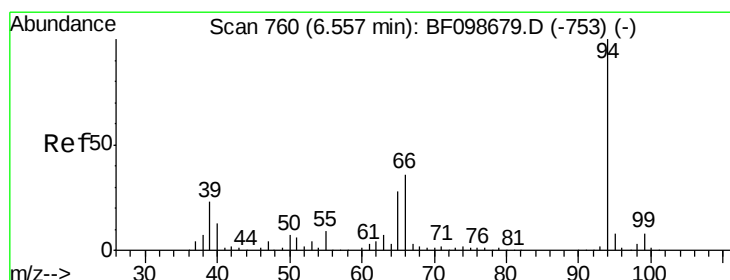
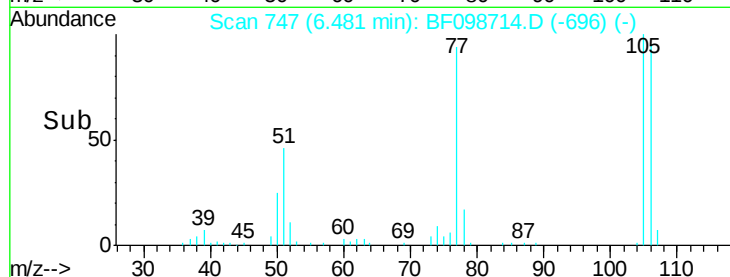
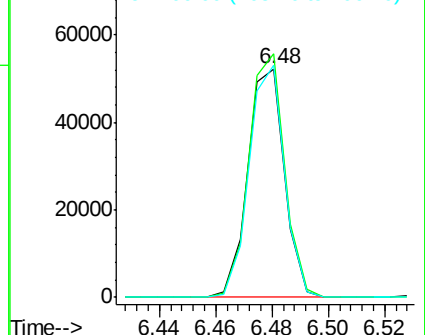
106 101.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 15.46 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

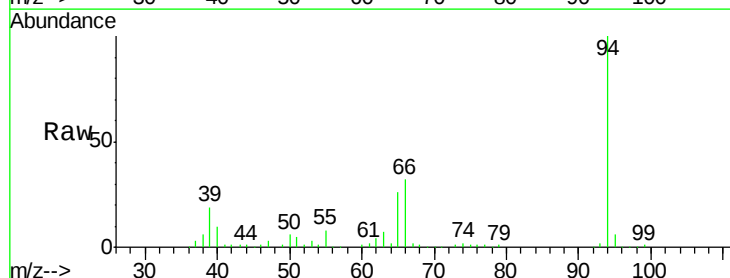
Tgt Ion: 94 Resp: 206426

Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

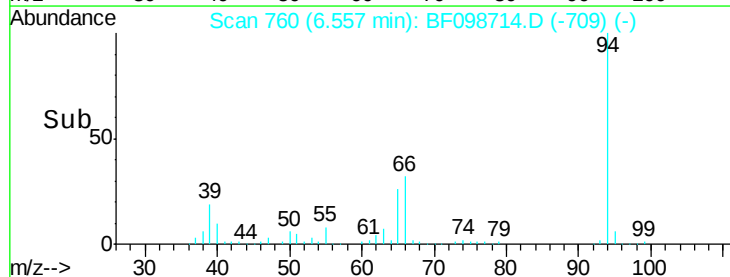
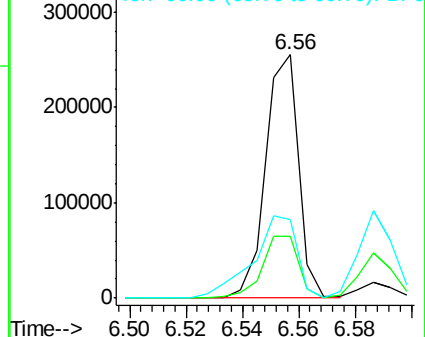
66 32.5 16.2 56.2

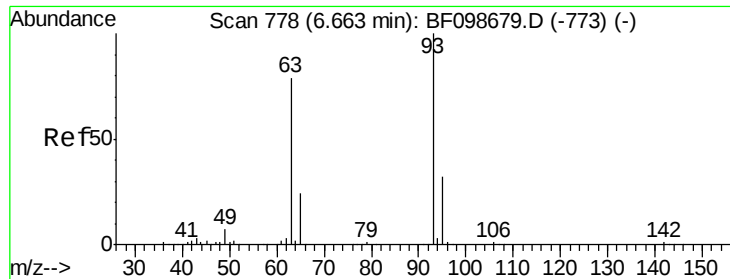


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

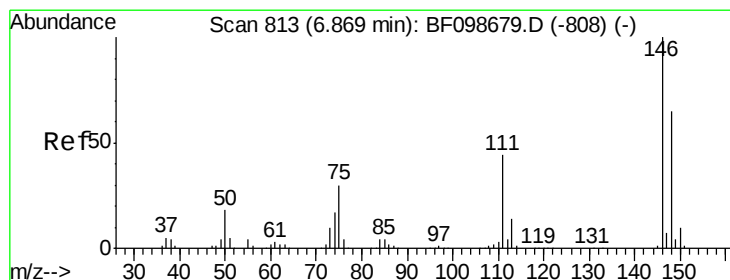
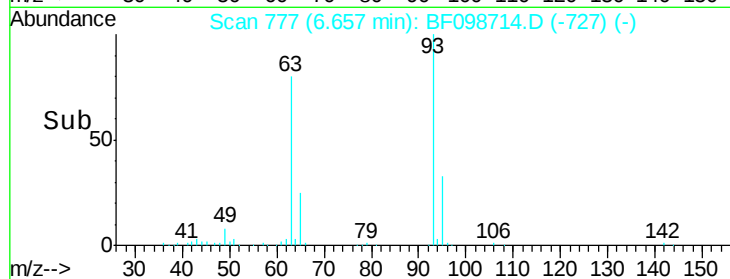
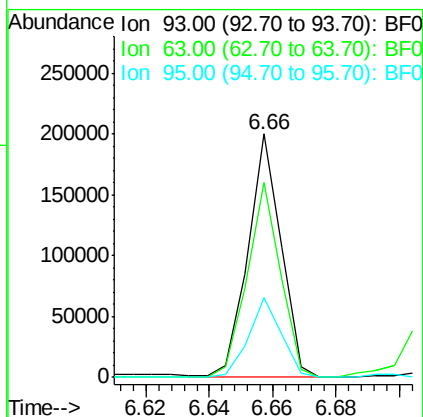
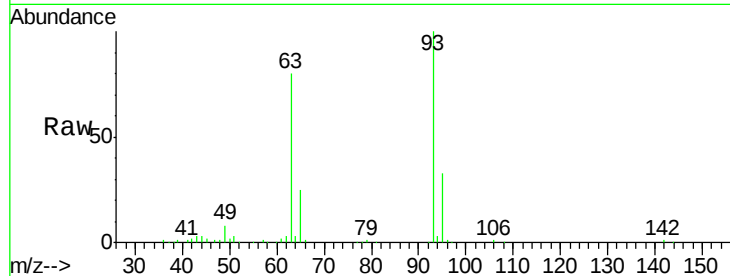




#11
bis(2-Chloroethyl)ether
Concen: 14.04 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

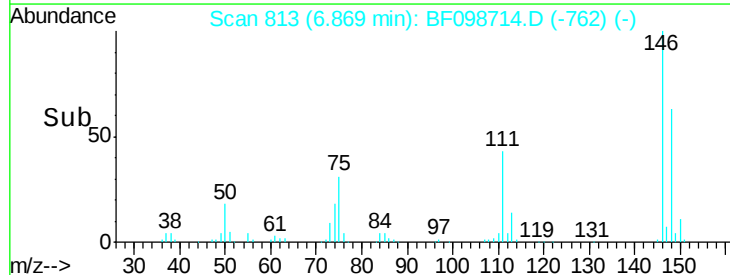
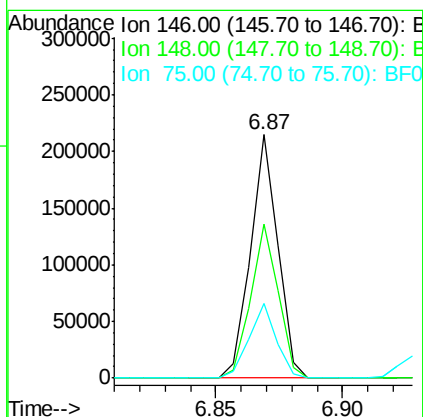
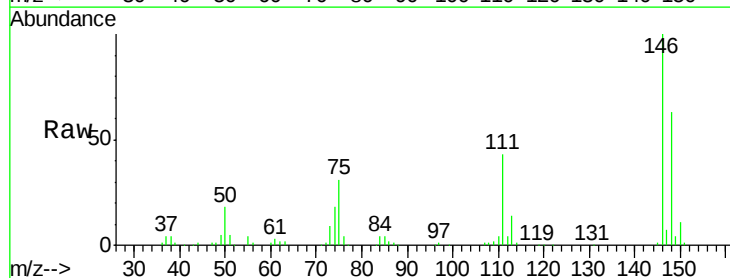
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

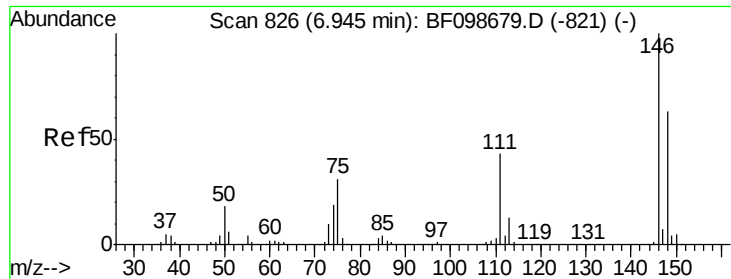
Tot Ion: 93 Resp: 144380
Ion Ratio Lower Upper
93 100
63 80.0 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 14.05 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion: 146 Resp: 161034
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 30.8 24.2 36.4

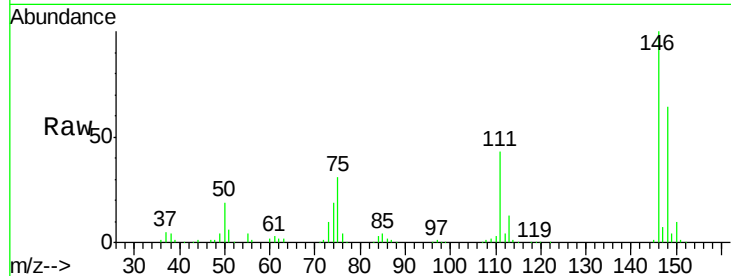




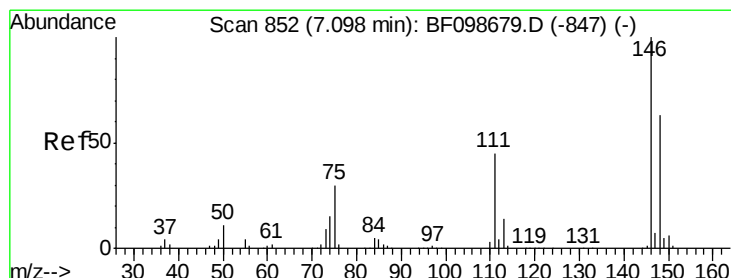
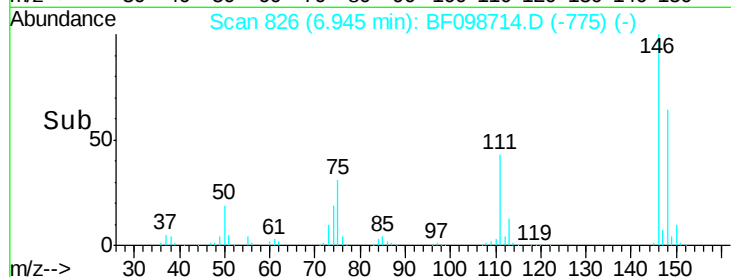
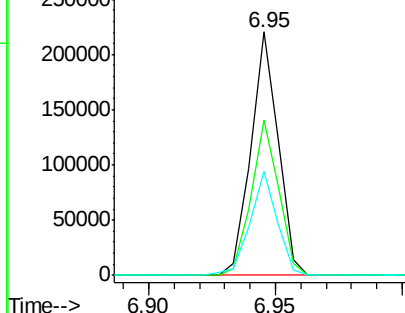
#13
 1,4-Dichlorobenzene
 Concen: 14.24 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	42.6	34.2	51.2

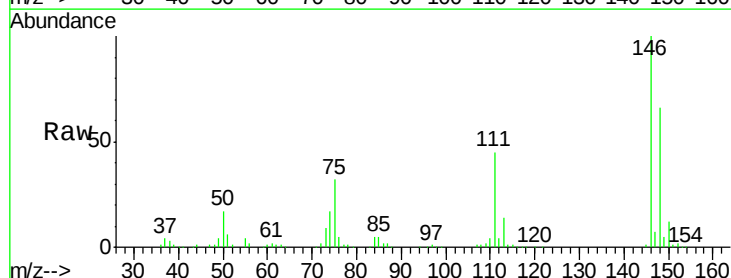


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

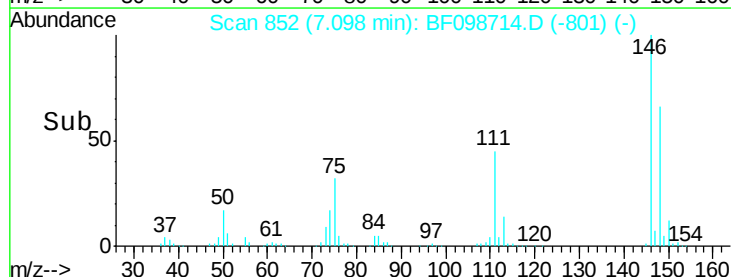
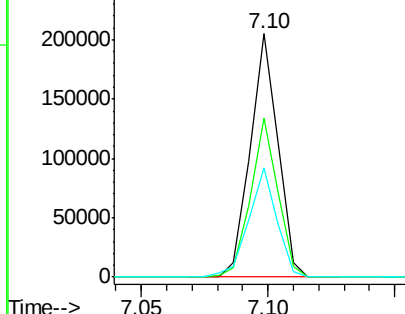


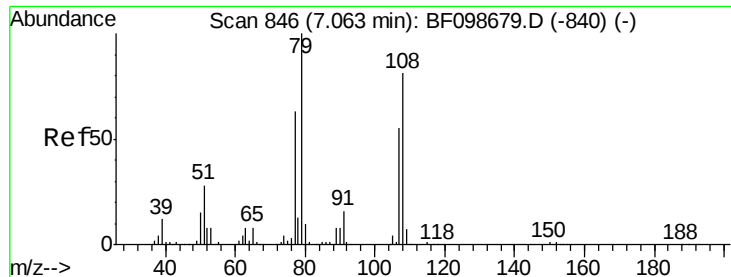
#14
 1,2-Dichlorobenzene
 Concen: 14.41 ng
 RT: 7.10 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	75.8
111	45.0	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 15.73 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

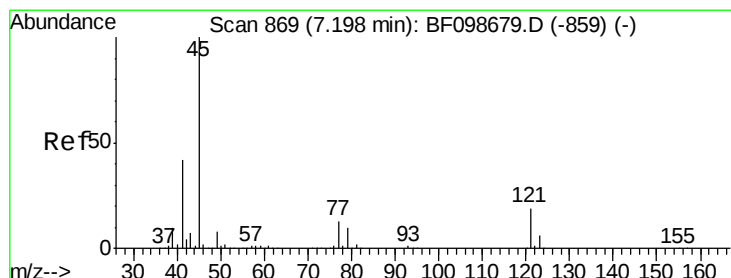
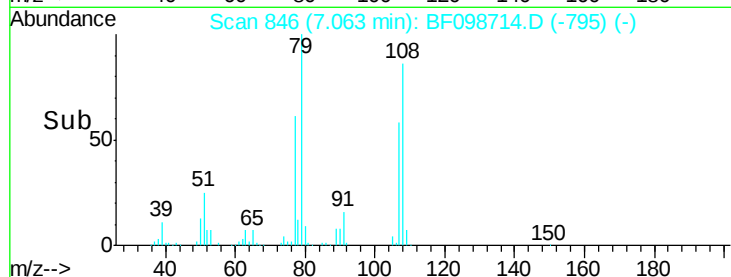
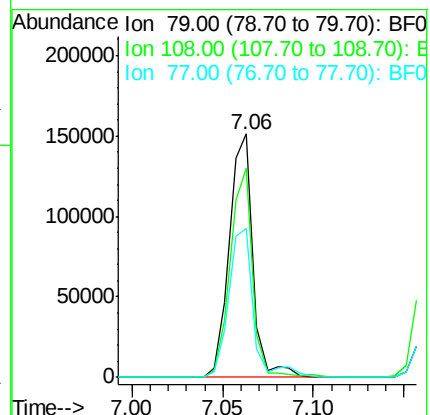
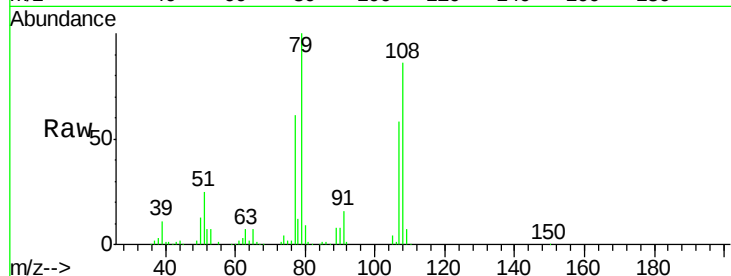
Tot Ion: 79 Resp: 137332

Ion Ratio Lower Upper

79 100

108 86.0 65.1 97.7

77 60.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 13.55 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

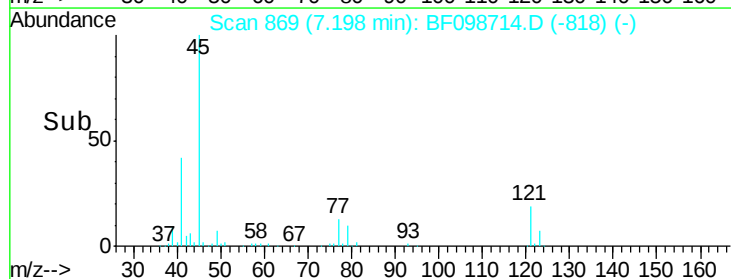
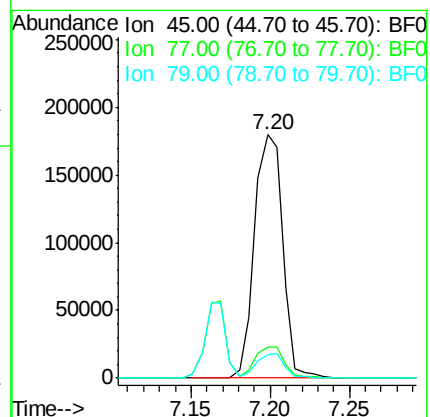
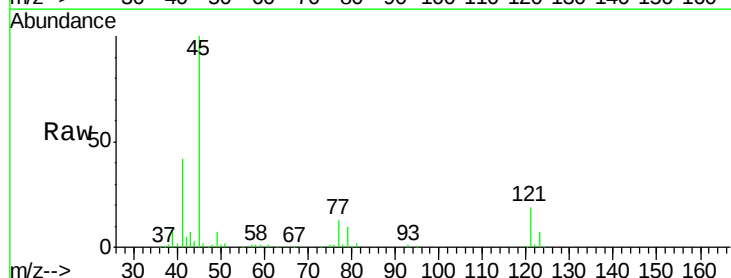
Tgt Ion: 45 Resp: 222156

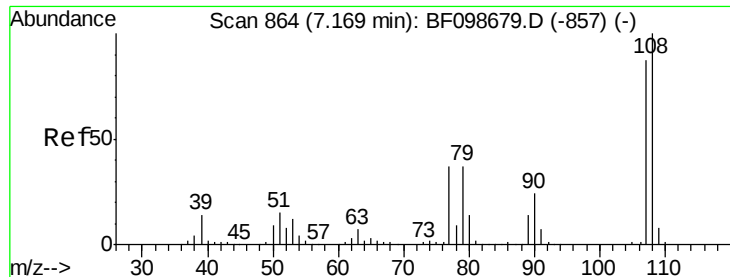
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

79 9.6 0.0 29.6

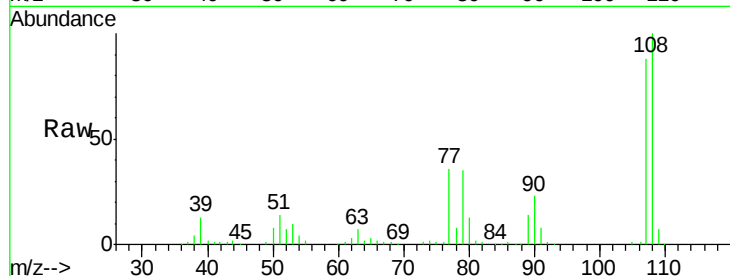




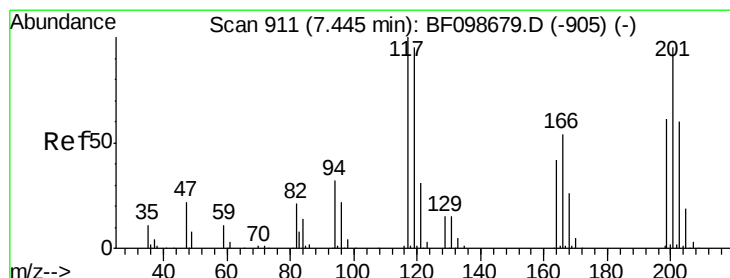
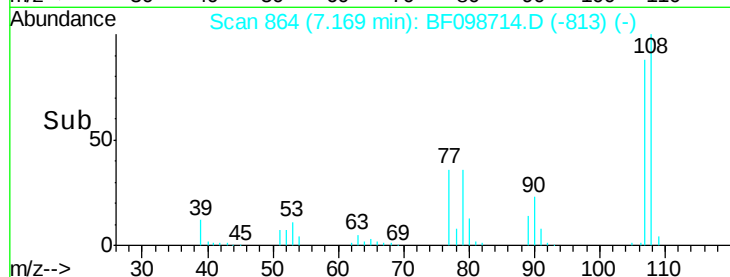
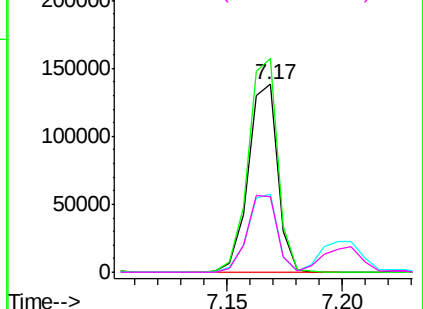
#17
2-Methylphenol
Concen: 14.00 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

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

Tot Ion:	107	Resp:	123771
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	41.4	33.8	50.8
79	40.2	33.8	50.8

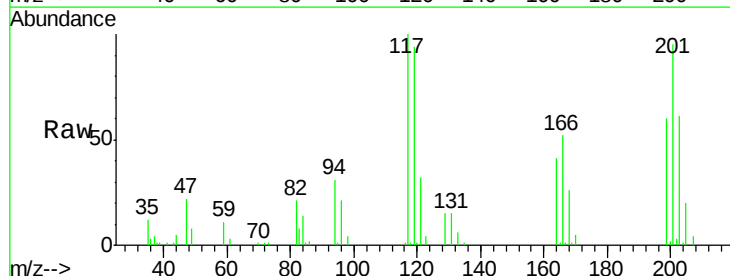


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

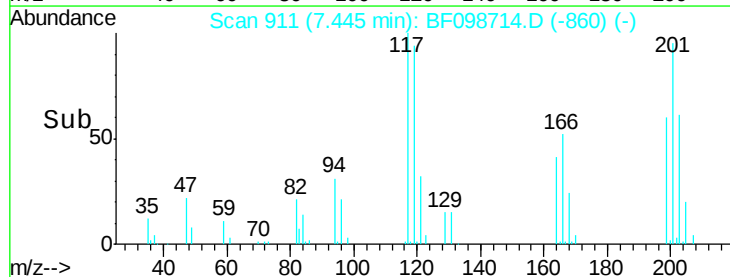
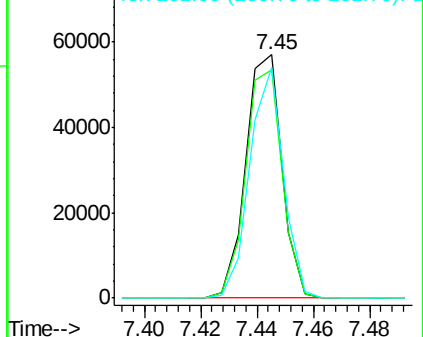


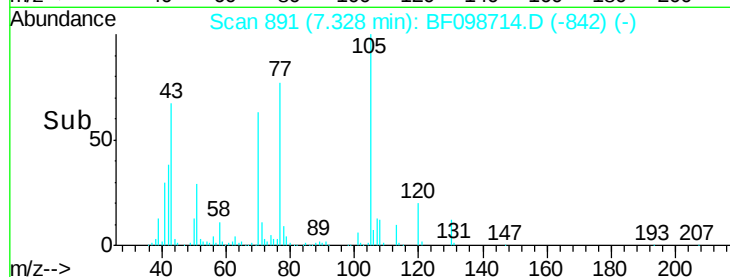
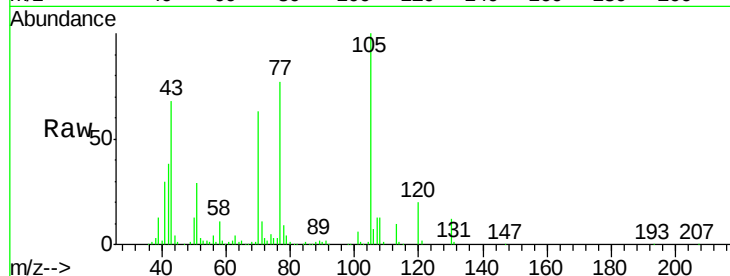
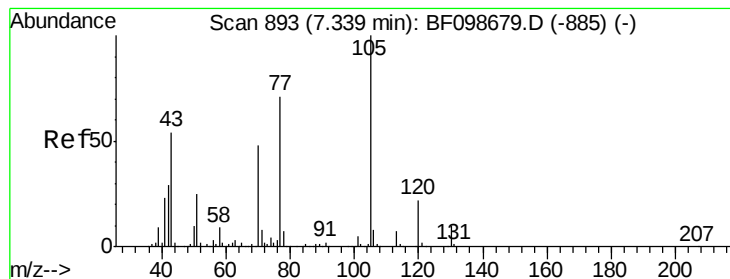
#18
Hexachloroethane
Concen: 12.64 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion:	117	Resp:	50498
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.8
201	94.7	75.7	113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 13.91 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion: 70 Resp: 104255

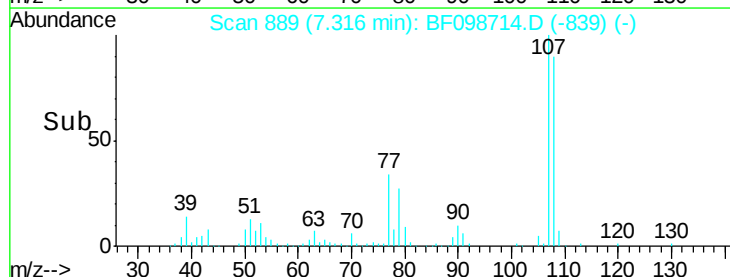
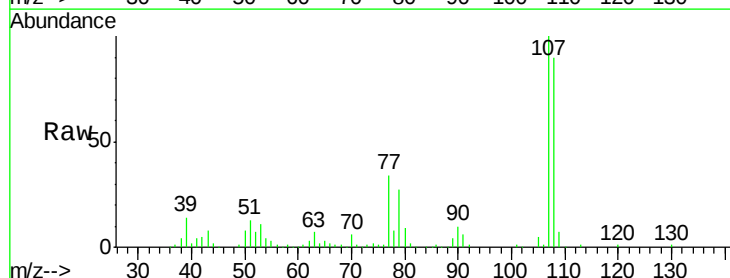
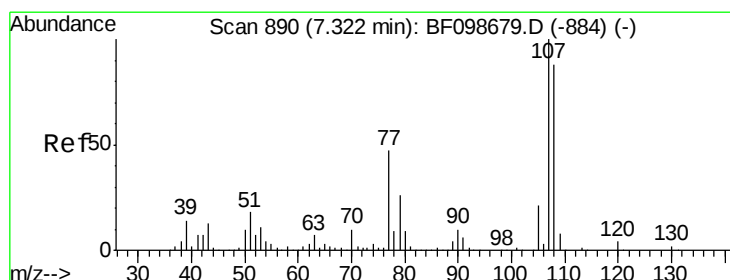
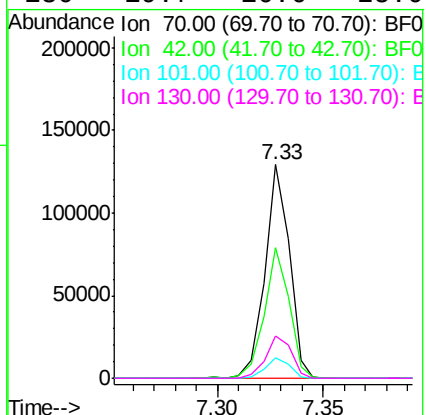
Ion Ratio Lower Upper

70 100

42 61.4 47.5 71.3

101 9.5 7.4 11.2

130 19.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 14.55 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Tgt Ion: 107 Resp: 165940

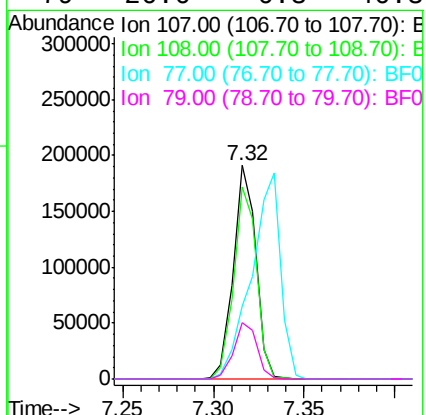
Ion Ratio Lower Upper

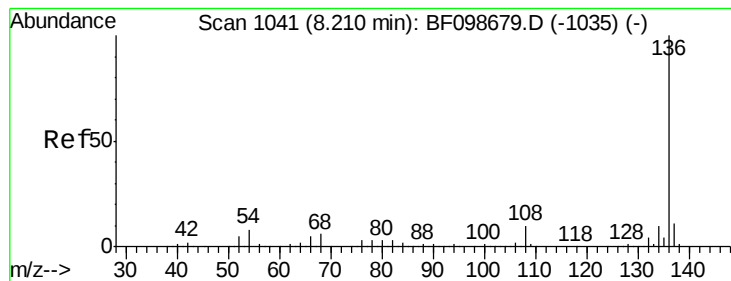
107 100

108 90.0 68.2 108.2

77 34.3 26.7 66.7

79 26.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:136 Resp: 626942

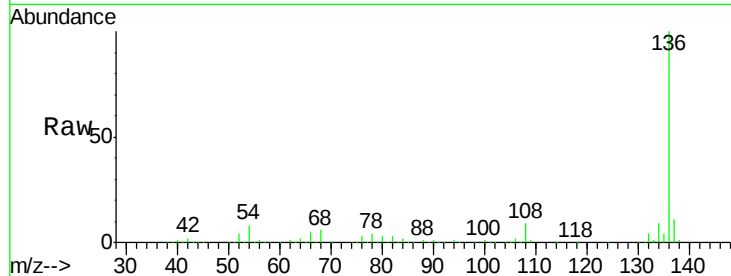
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.3 6.6 9.8

68 6.5 5.0 7.4

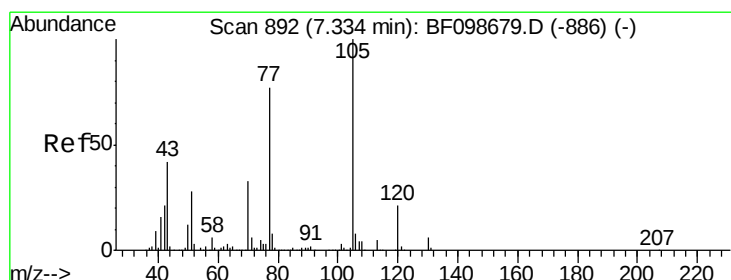
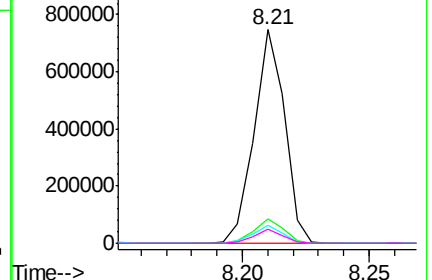
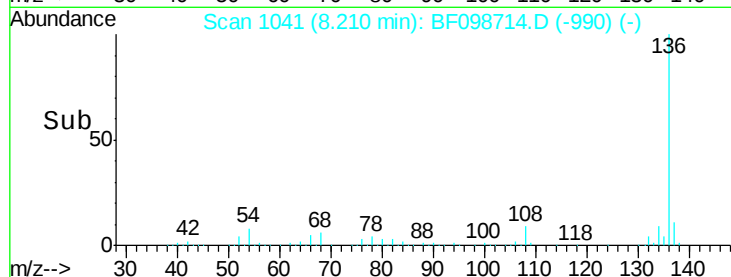


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 14.16 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Tgt Ion:105 Resp: 219657

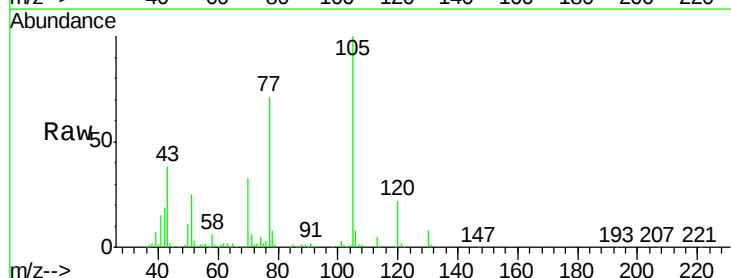
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 24.7 22.3 33.5

120 21.5 16.9 25.3

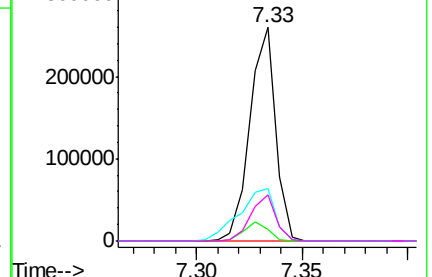
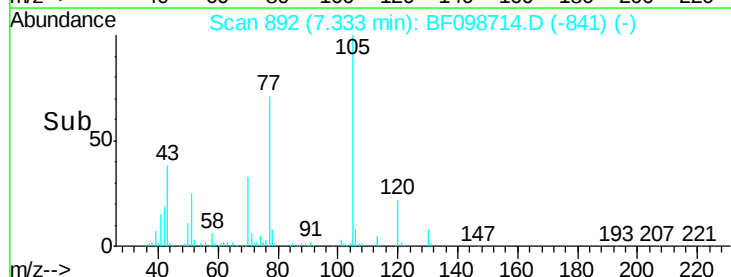


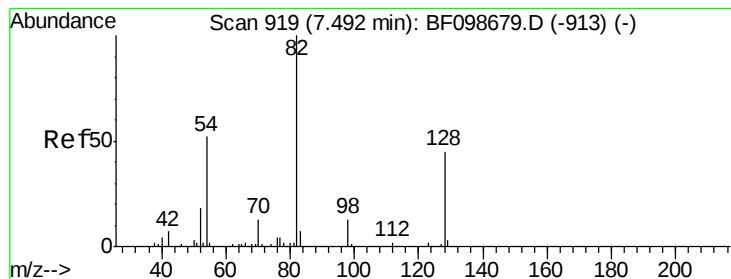
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 32.38 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

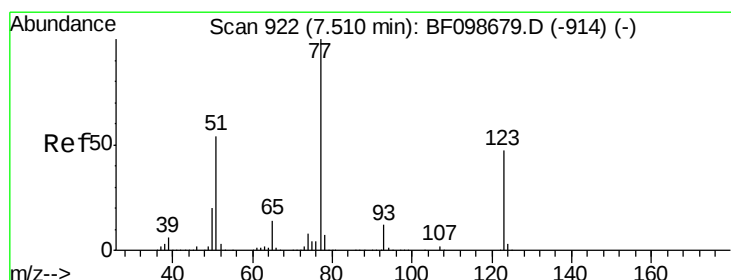
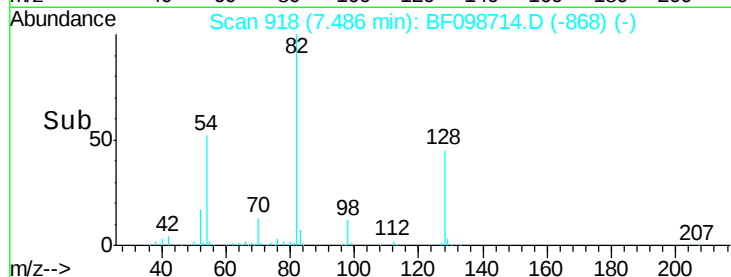
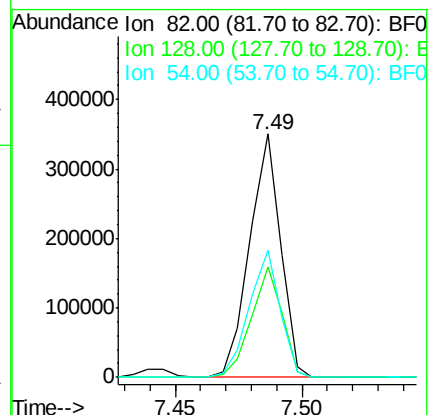
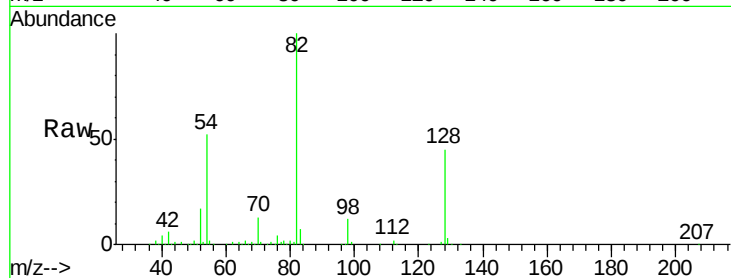
Tot Ion: 82 Resp: 299274

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

54 52.1 41.4 62.2



#24

Nitrobenzene

Concen: 14.66 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

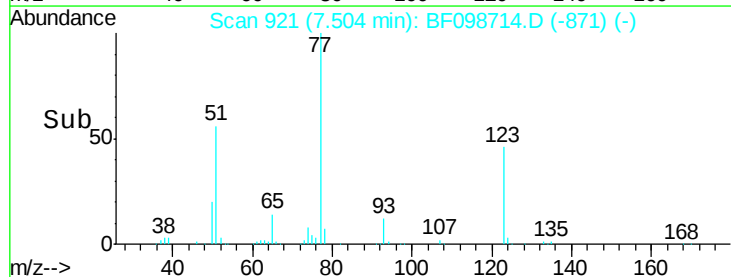
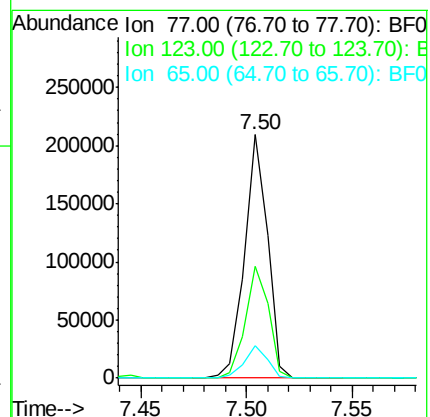
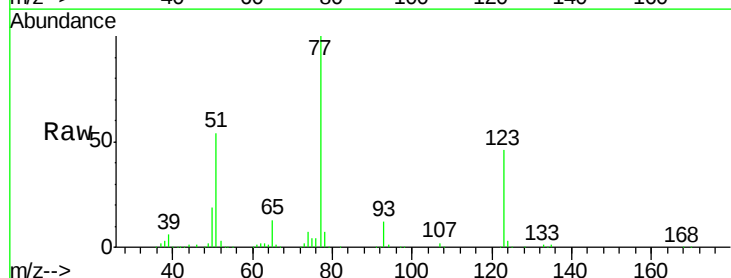
Tgt Ion: 77 Resp: 156473

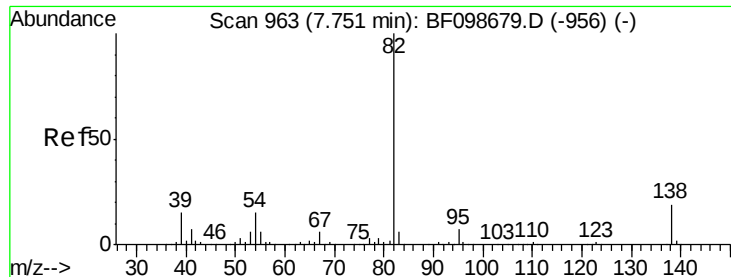
Ion Ratio Lower Upper

77 100

123 45.8 37.9 56.9

65 13.4 11.0 16.4





#25

Isophorone

Concen: 13.80 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

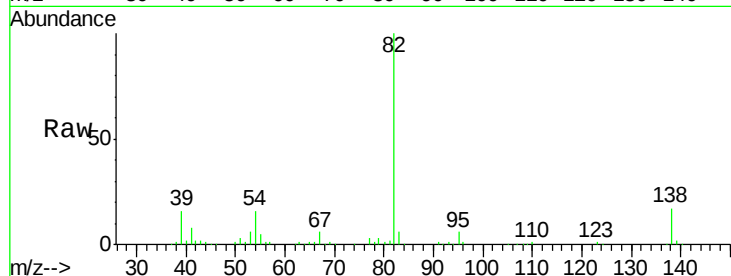
Tot Ion: 82 Resp: 278076

Ion Ratio Lower Upper

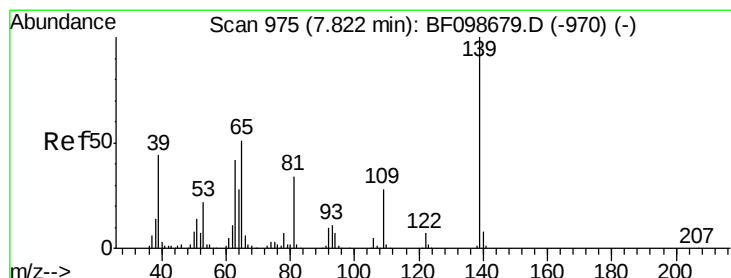
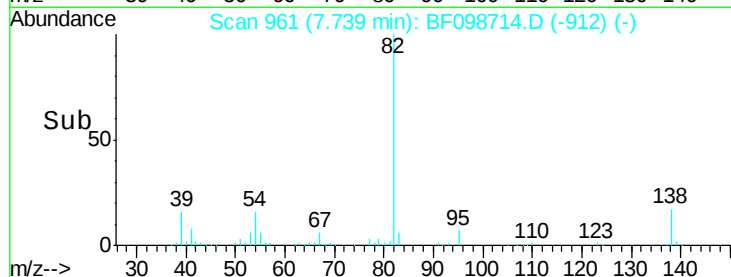
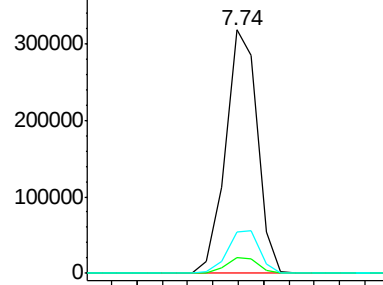
82 100

95 6.4 5.2 7.8

138 16.8 14.9 22.3



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



#26

2-Nitrophenol

Concen: 17.65 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

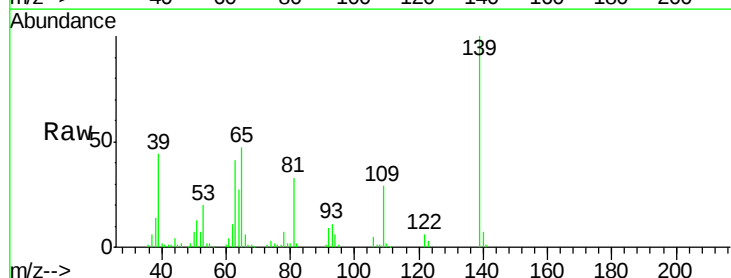
Tgt Ion: 139 Resp: 63926

Ion Ratio Lower Upper

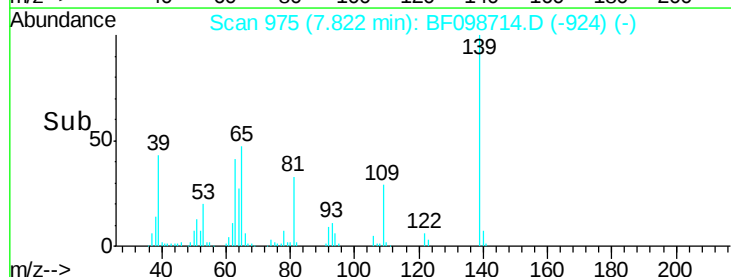
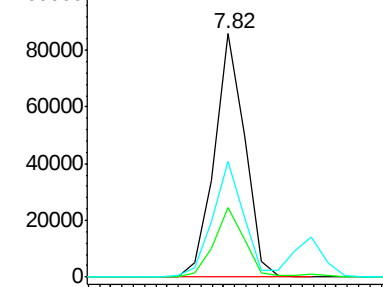
139 100

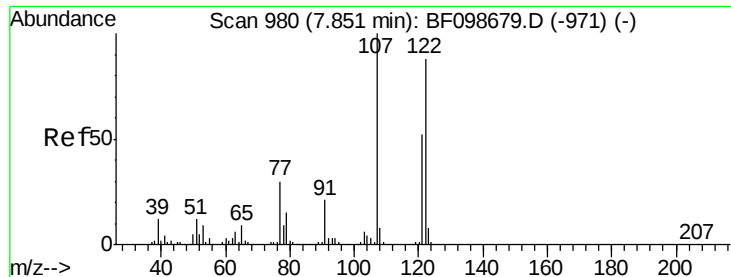
109 28.6 22.7 34.1

65 47.2 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 12.25 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

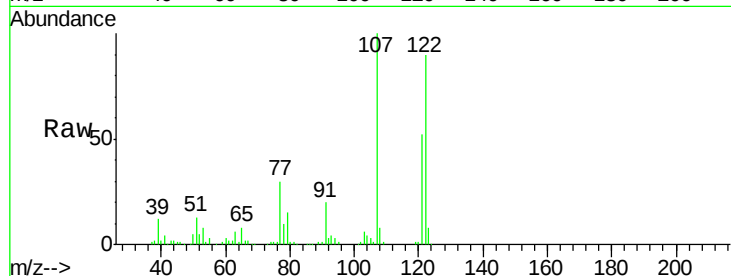
Tot Ion:122 Resp: 121273

Ion Ratio Lower Upper

122 100

107 111.1 91.2 136.8

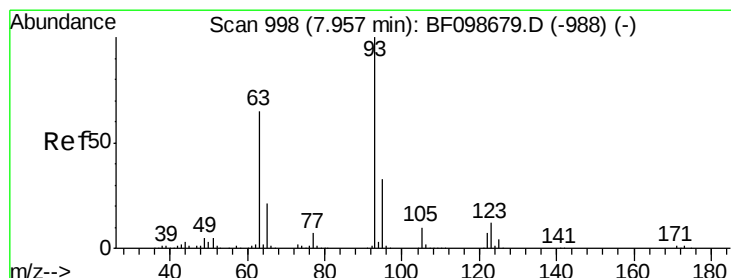
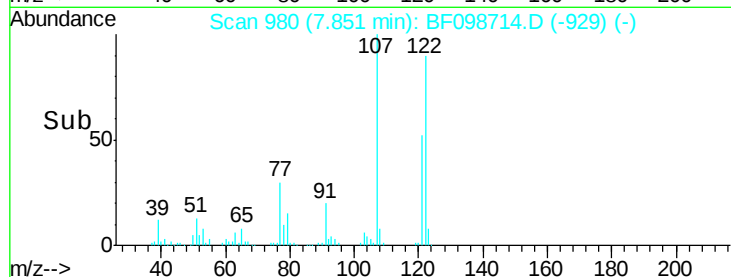
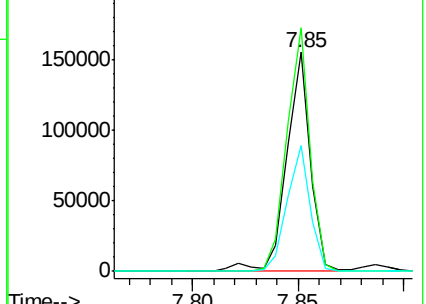
121 57.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 13.74 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

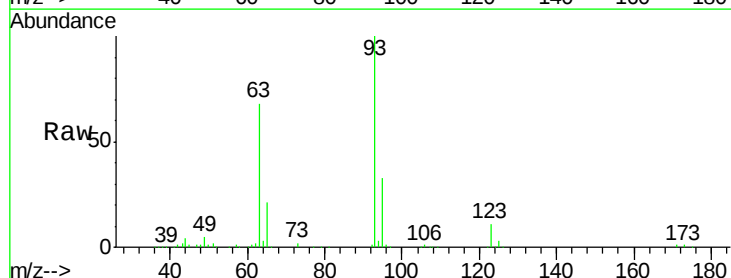
Tgt Ion: 93 Resp: 172300

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

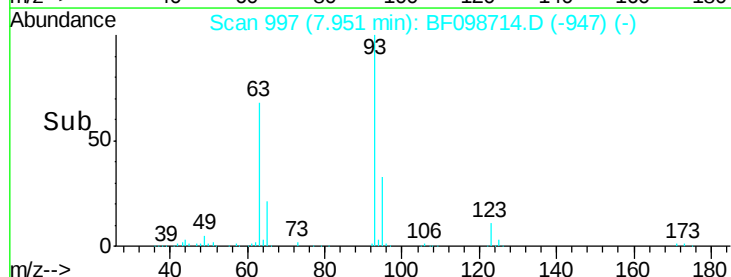
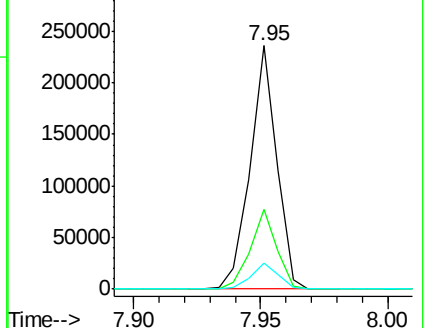
123 10.8 9.8 14.6

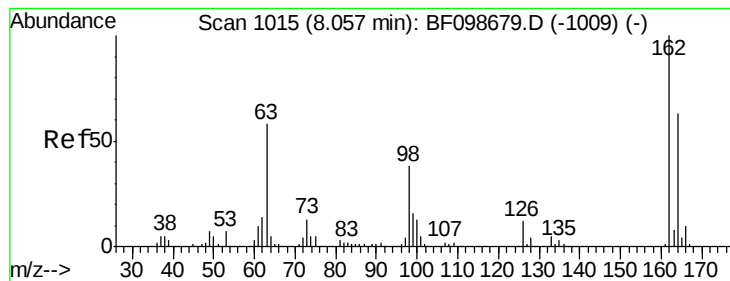


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 13.95 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

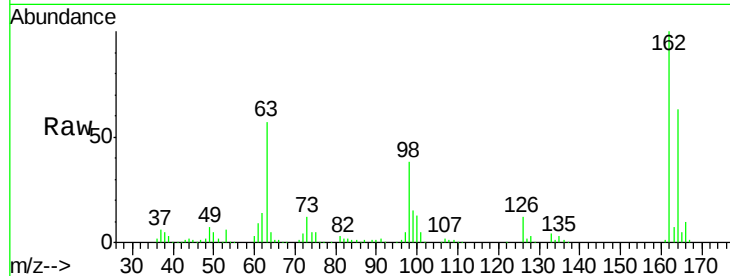
Tot Ion:162 Resp: 118814

Ion Ratio Lower Upper

162 100

164 62.6 42.7 82.7

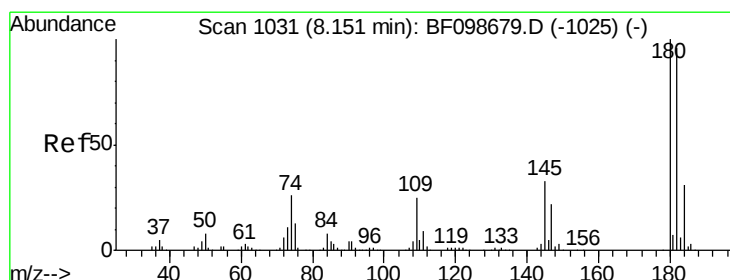
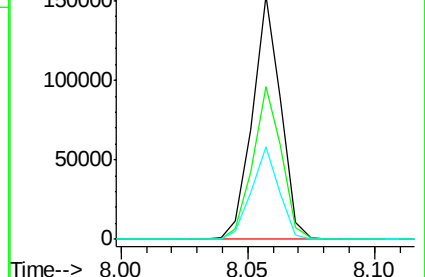
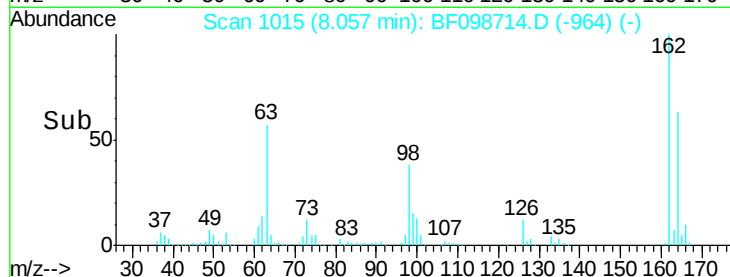
98 38.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 13.51 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

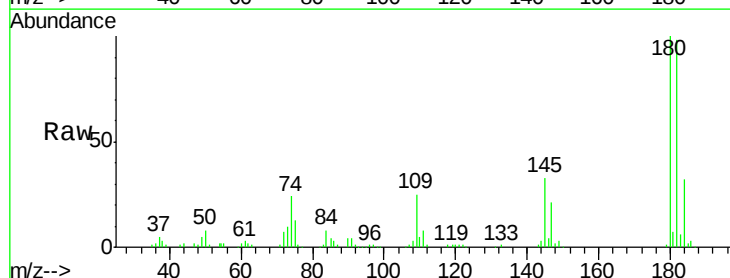
Tgt Ion:180 Resp: 116038

Ion Ratio Lower Upper

180 100

182 98.4 76.8 115.2

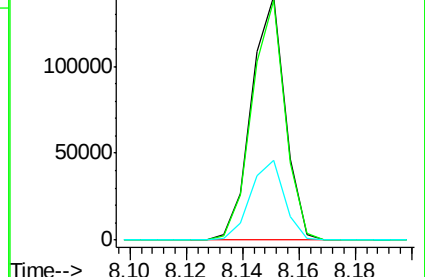
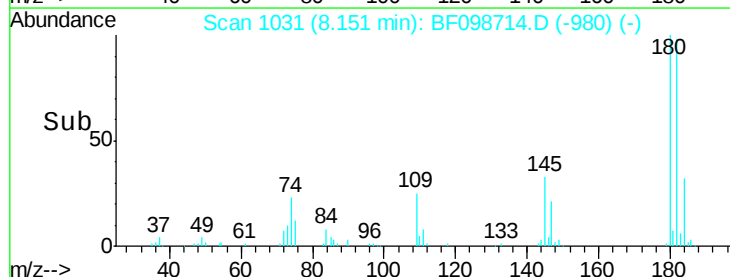
145 32.6 26.5 39.7

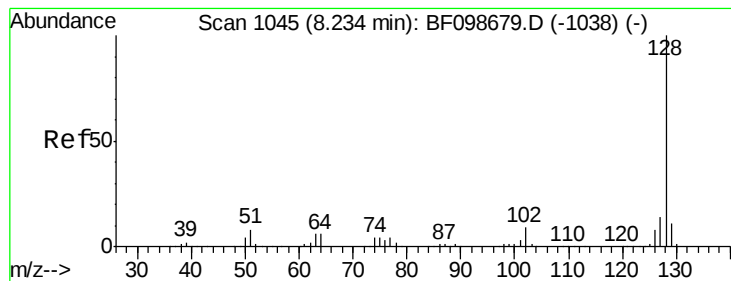


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 14.08 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

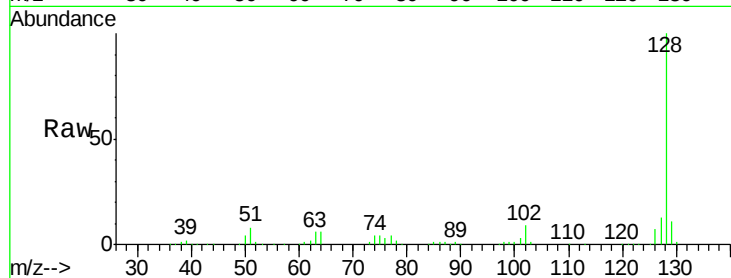
Tot Ion:128 Resp: 418946

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

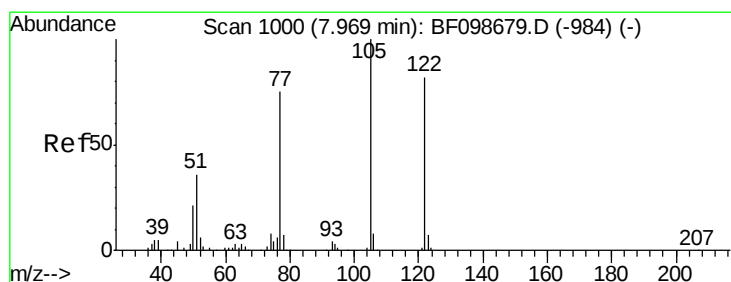
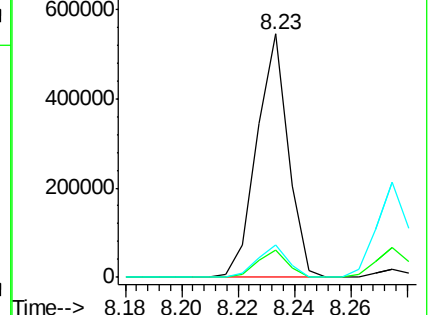
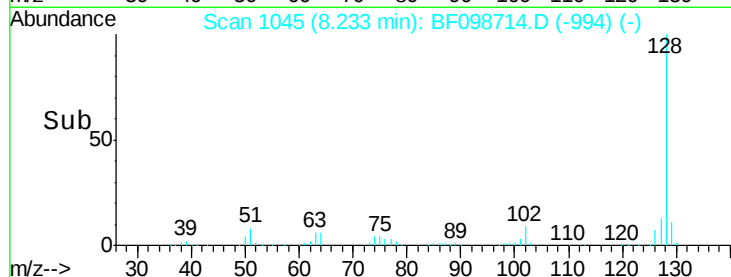
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.82 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.12 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

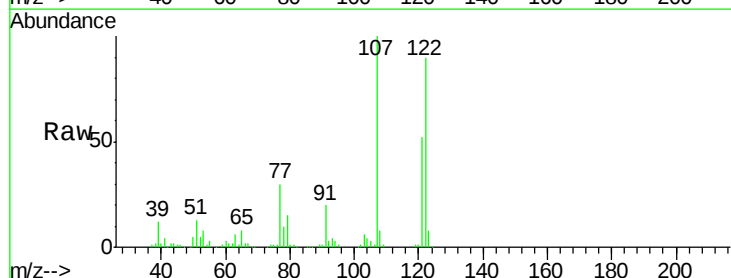
Tgt Ion:122 Resp: 121273

Ion Ratio Lower Upper

122 100

105 3.1 101.1 141.1#

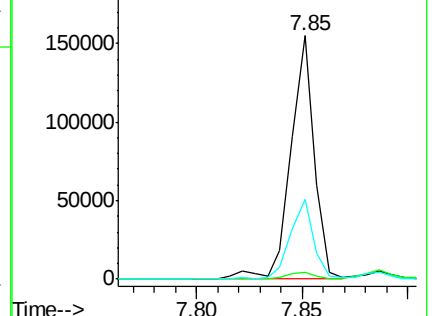
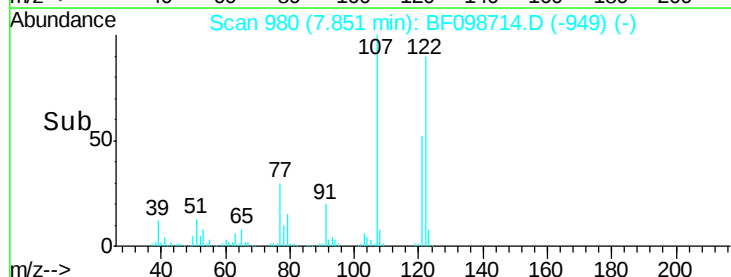
77 32.8 70.7 110.7#

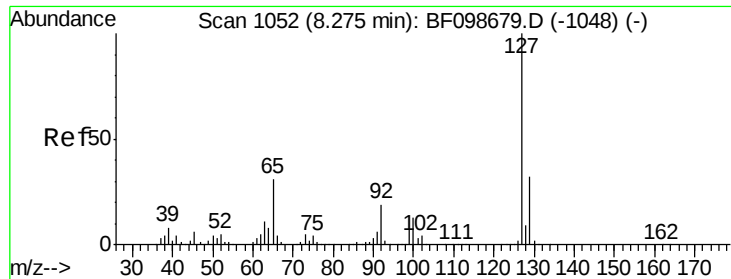


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

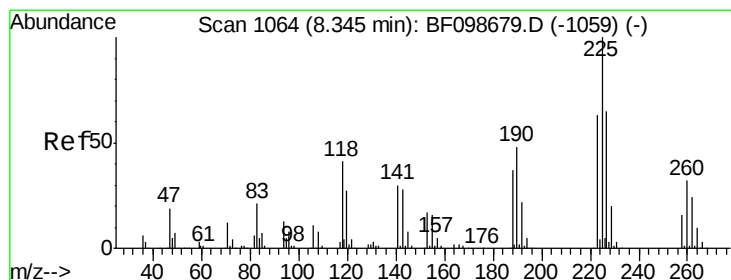
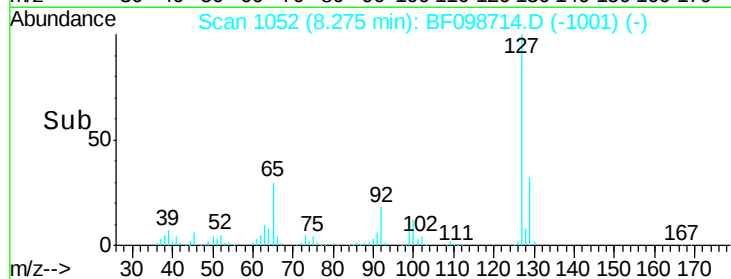
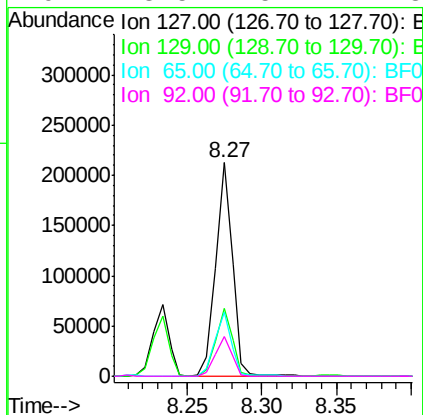
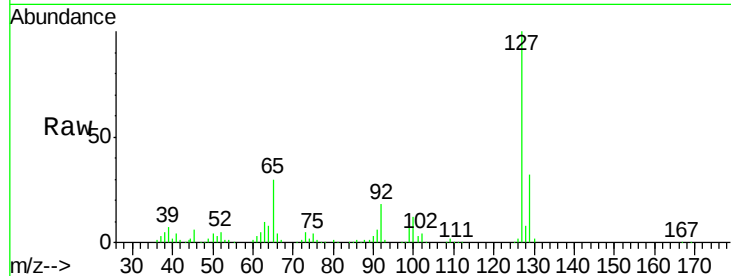




#33
4-Chloroaniline
Concen: 13.54 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

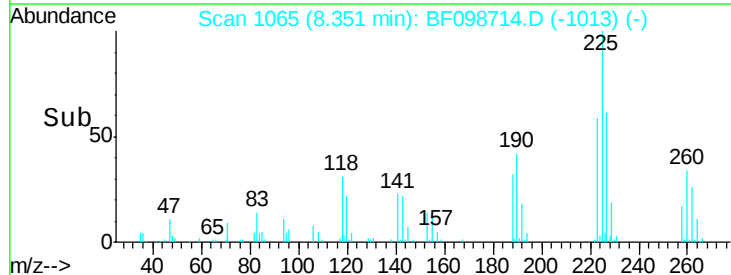
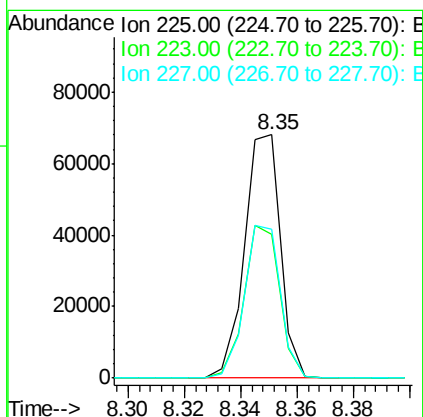
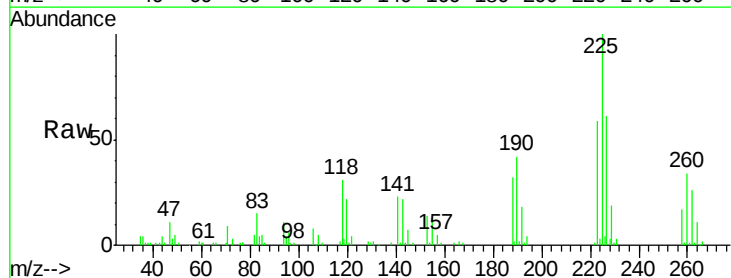
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

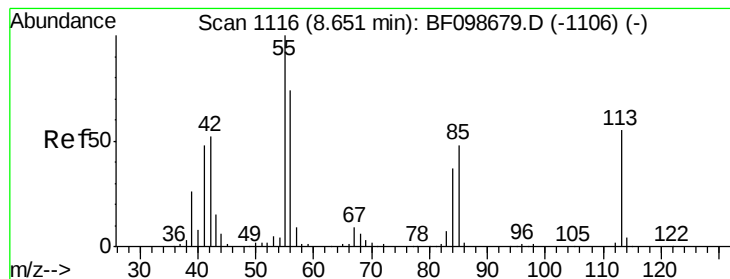
Tot Ion:	127	Resp:	167545
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	30.1	25.0	37.4
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 12.96 ng
RT: 8.35 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion:	225	Resp:	59970
Ion	Ratio	Lower	Upper
225	100		
223	59.0	50.6	76.0
227	61.3	51.9	77.9





#35

Caprolactam

Concen: 19.67 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.04 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

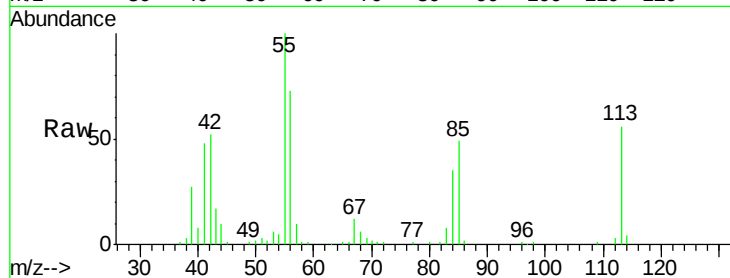
Tot Ion:113 Resp: 52244

Ion Ratio Lower Upper

113 100

55 180.1 163.3 203.3

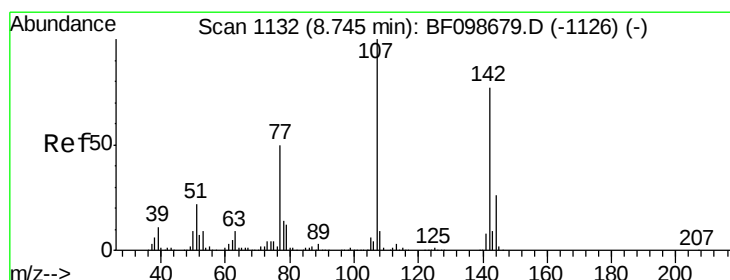
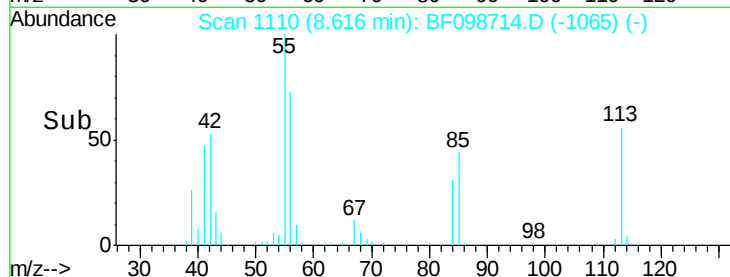
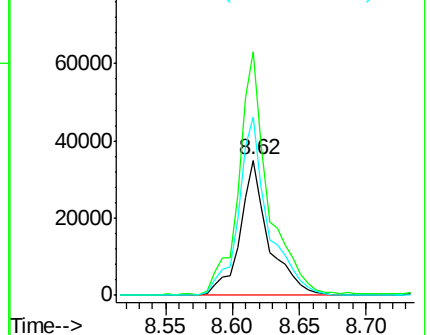
56 131.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 13.99 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

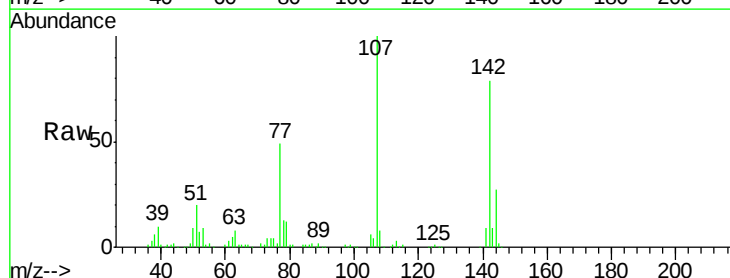
Tgt Ion:107 Resp: 135991

Ion Ratio Lower Upper

107 100

144 27.0 20.5 30.7

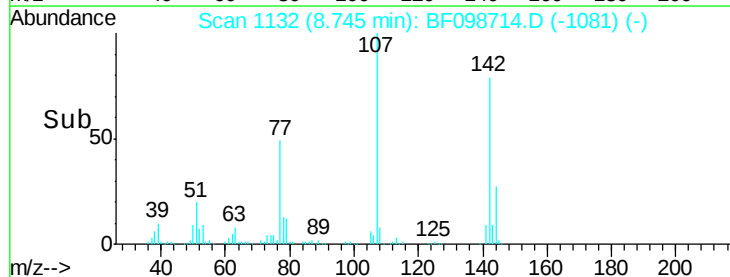
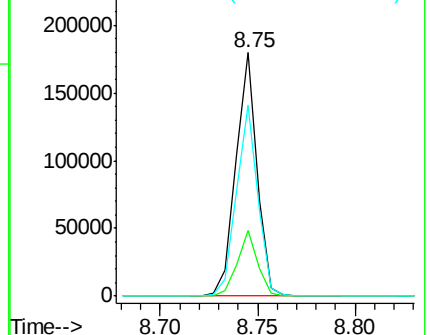
142 78.7 62.0 93.0

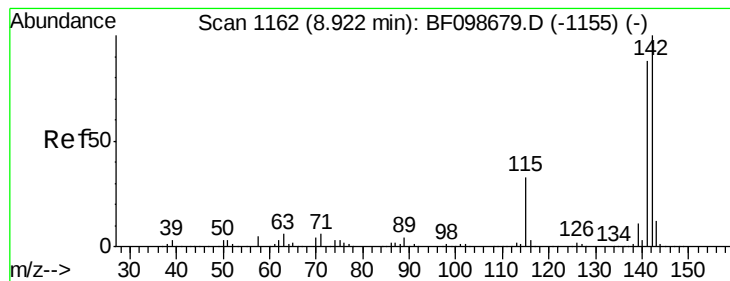


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 13.93 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

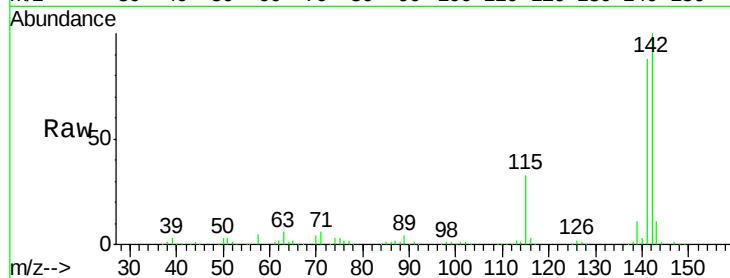
Tot Ion:142 Resp: 266068

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2

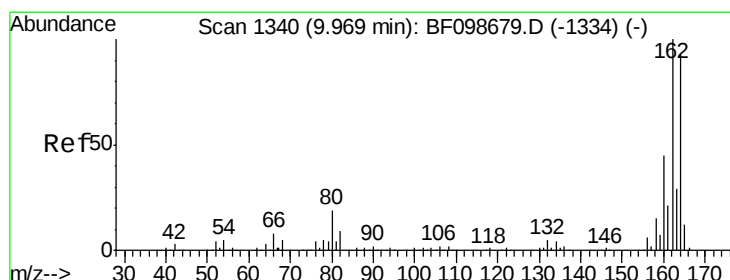
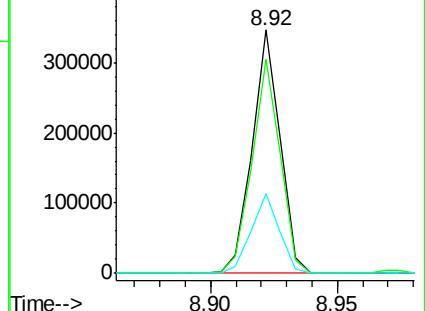
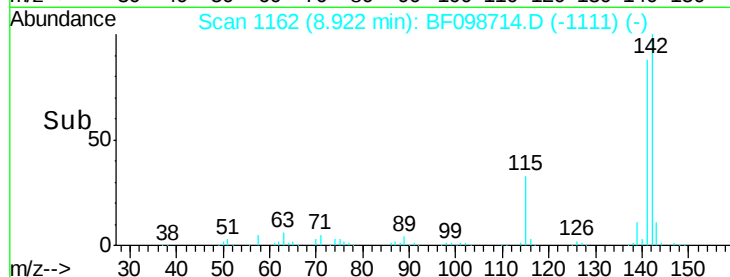
115 32.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

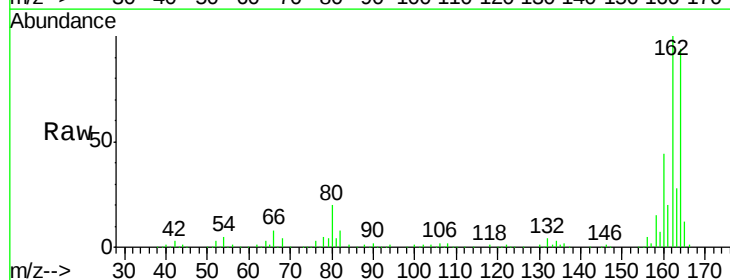
Tgt Ion:164 Resp: 259474

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

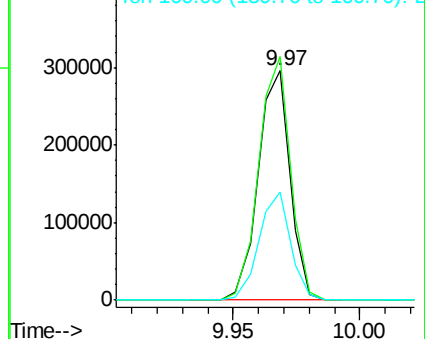
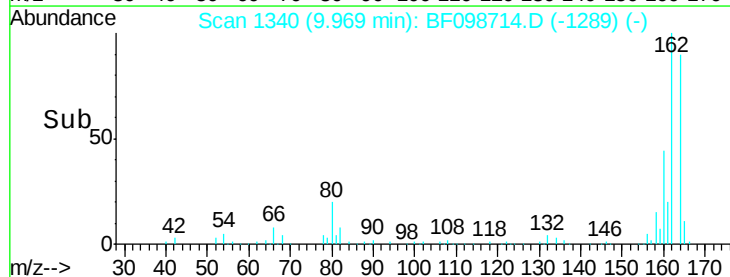
160 47.0 38.3 57.5

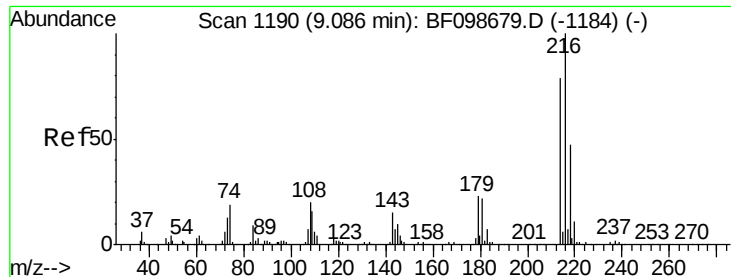


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

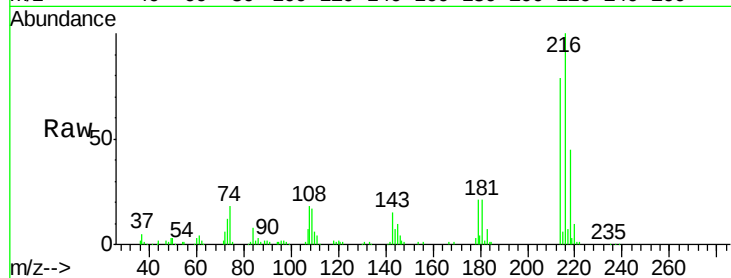




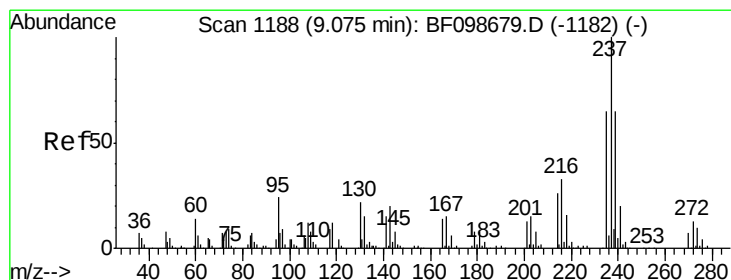
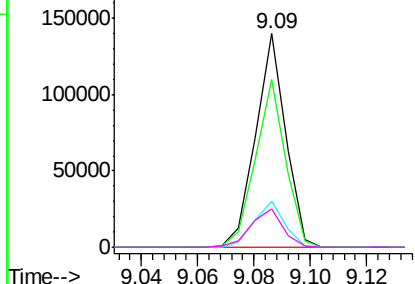
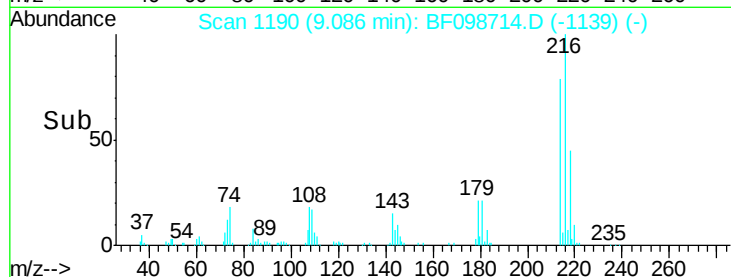
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 13.47 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

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

Tot Ion:216	Resp:	103395
Ion Ratio	Lower	Upper
216	100	
214	78.6	63.0 94.4
179	22.0	18.1 27.1
108	19.4	17.2 25.8

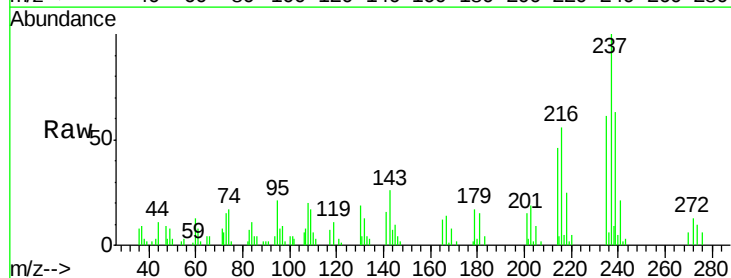


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

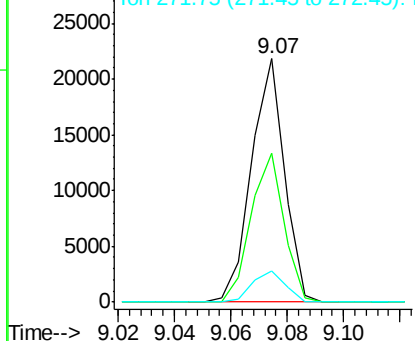
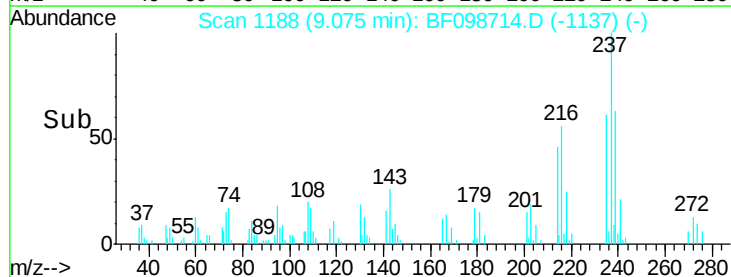


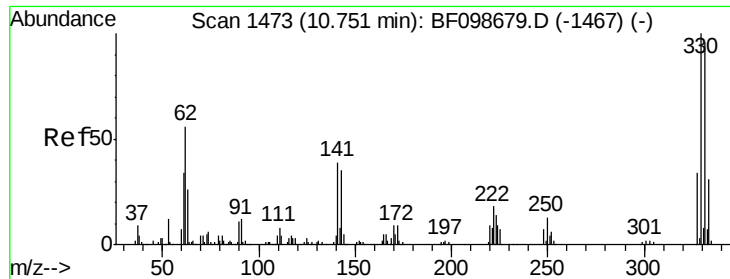
#40
 Hexachlorocyclopentadiene
 Concen: 5.30 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion:237	Resp:	17685
Ion Ratio	Lower	Upper
237	100	
235	60.9	44.8 84.8
272	12.9	0.0 33.3



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

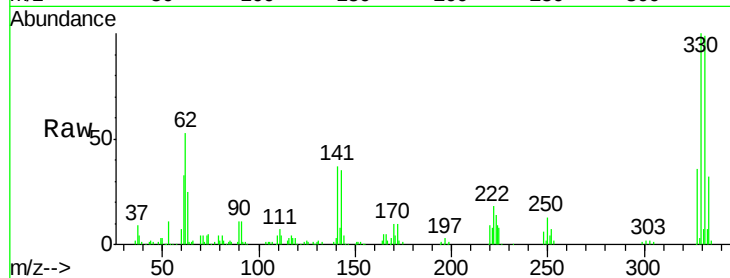




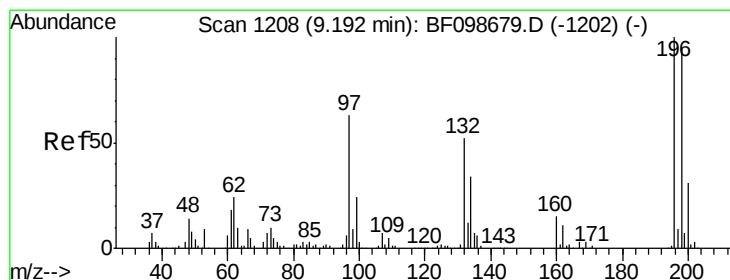
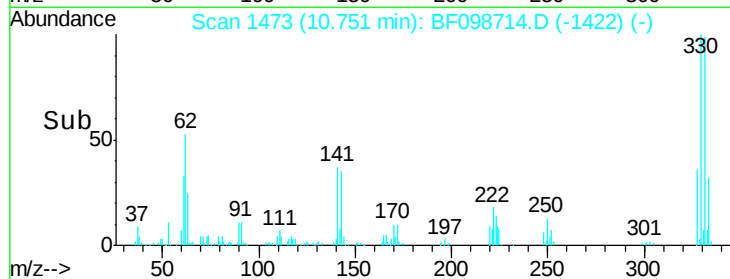
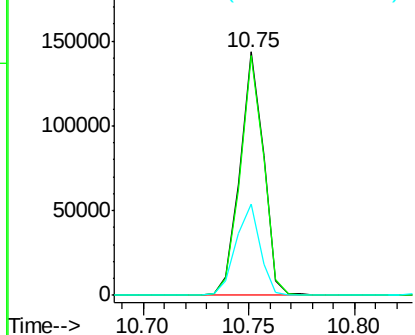
#41
 2,4,6-Tribromophenol
 Concen: 46.74 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	38.3	29.9	44.9

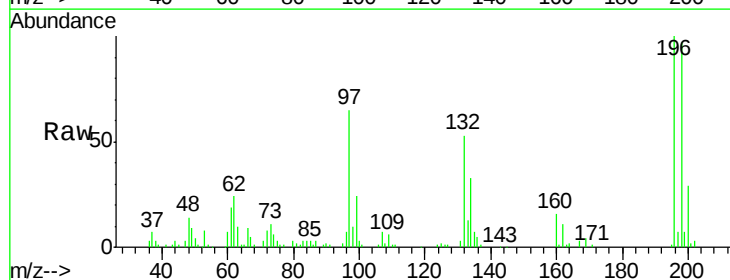


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

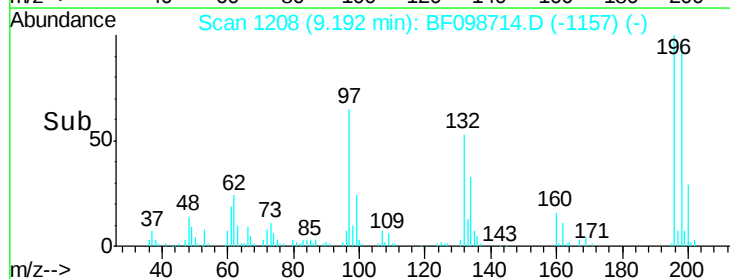
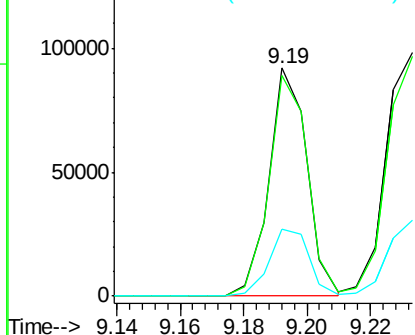


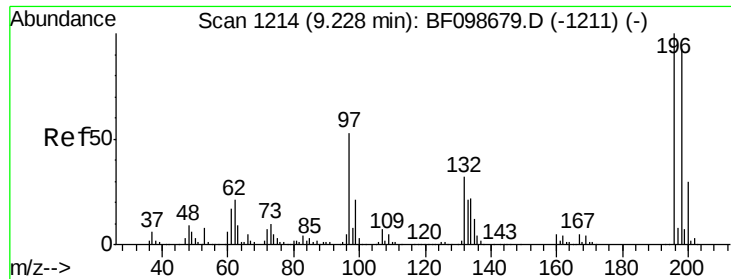
#42
 2,4,6-Trichlorophenol
 Concen: 14.80 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
200	29.2	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

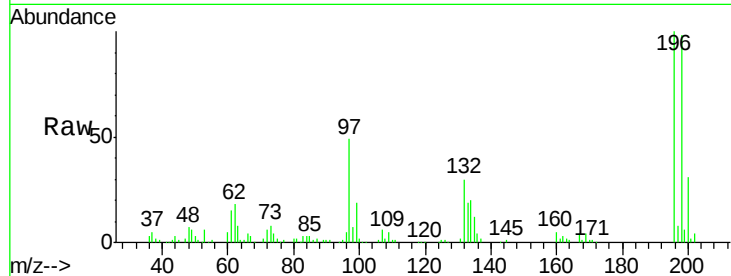




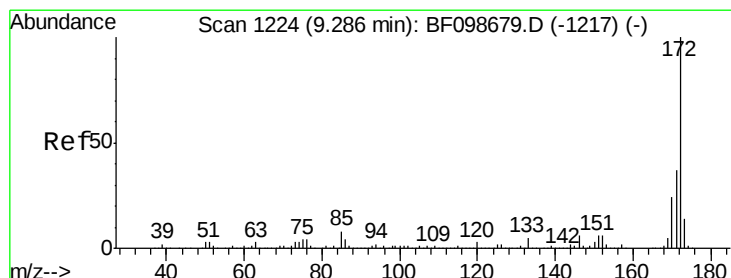
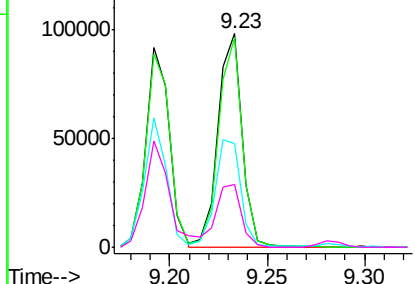
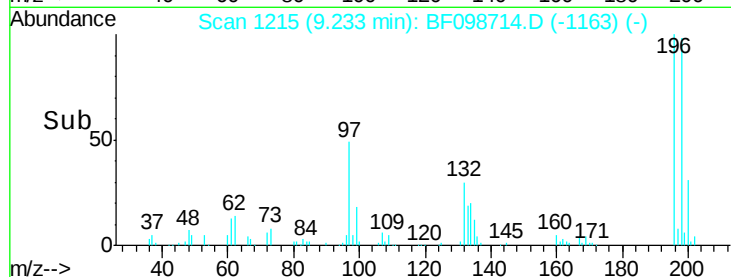
#43
 2,4,5-Trichlorophenol
 Concen: 15.92 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

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

Tot Ion:196	Resp:	84422
Ion Ratio	Lower	Upper
196	100	
198	98.3	74.6 112.0
97	48.8	42.9 64.3
132	29.6	26.3 39.5

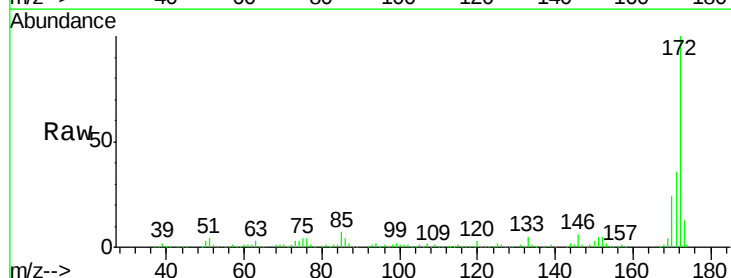


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

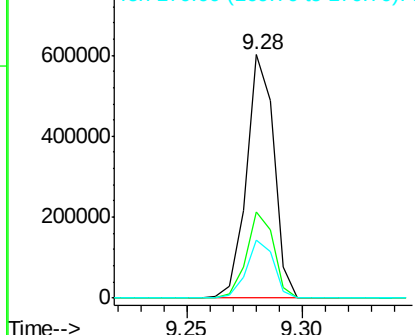
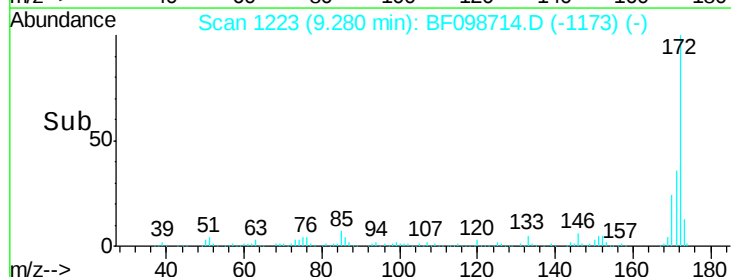


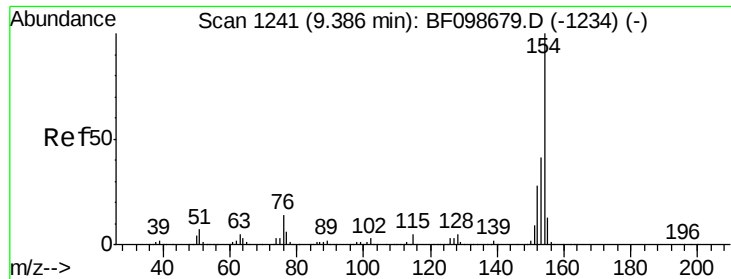
#44
 2-Fluorobiphenyl
 Concen: 30.69 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion:172	Resp:	500440
Ion Ratio	Lower	Upper
172	100	
171	35.5	29.7 44.5
170	23.8	19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 13.56 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

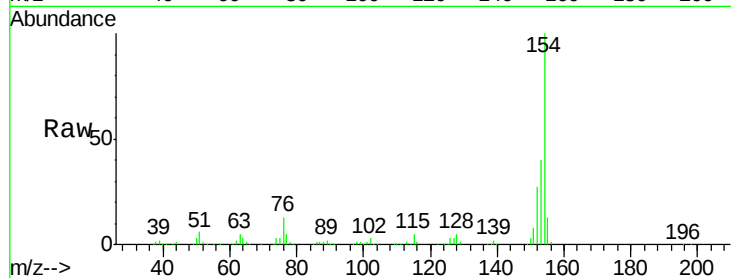
Tot Ion:154 Resp: 302281

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

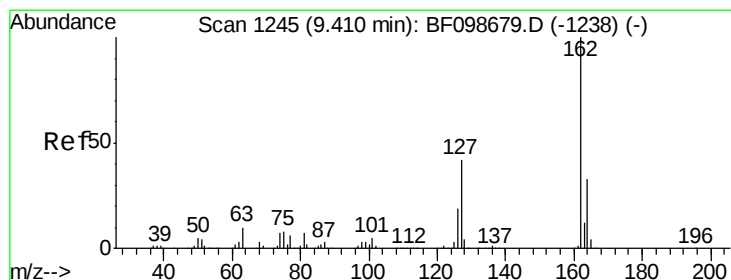
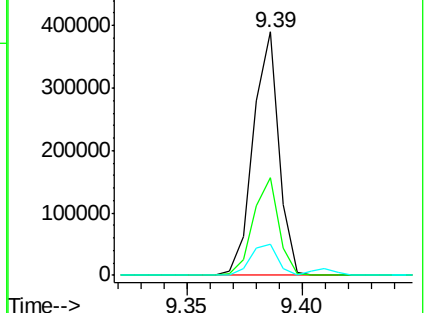
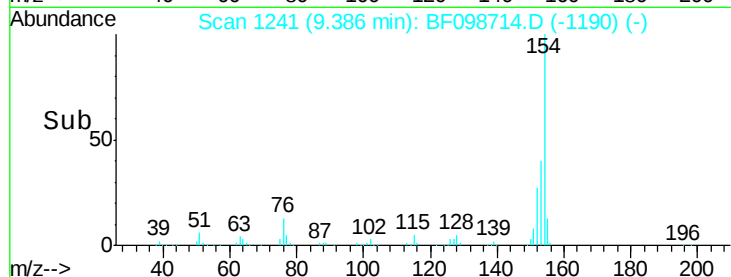
76 12.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 14.14 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

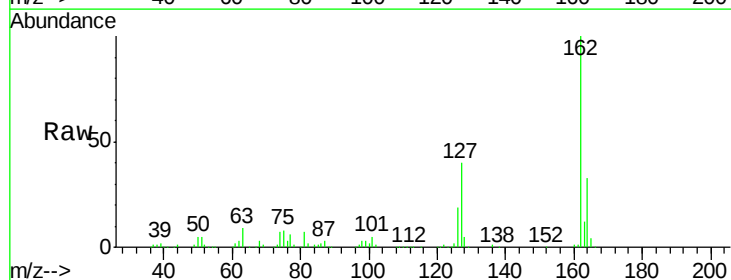
Tgt Ion:162 Resp: 236354

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

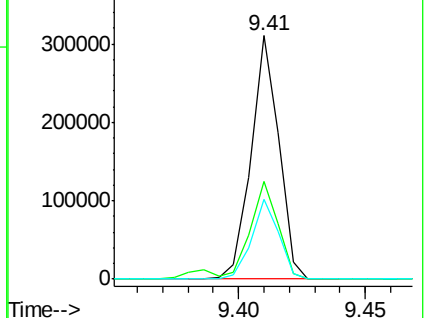
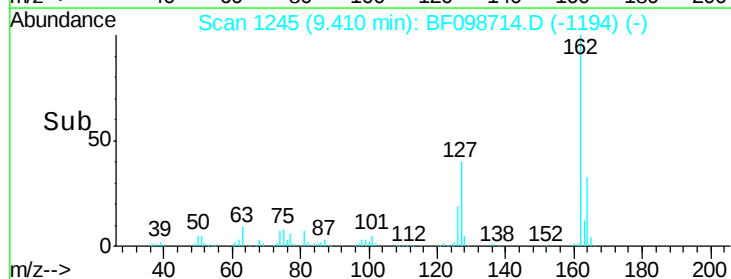
164 32.6 26.5 39.7

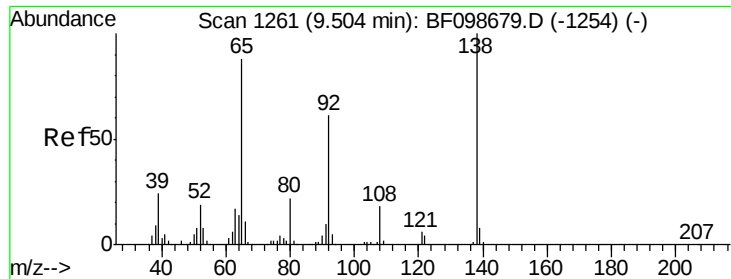


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

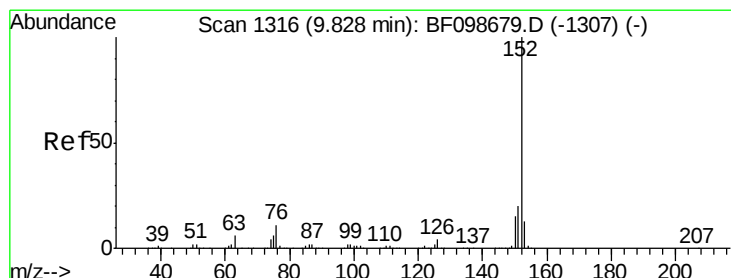
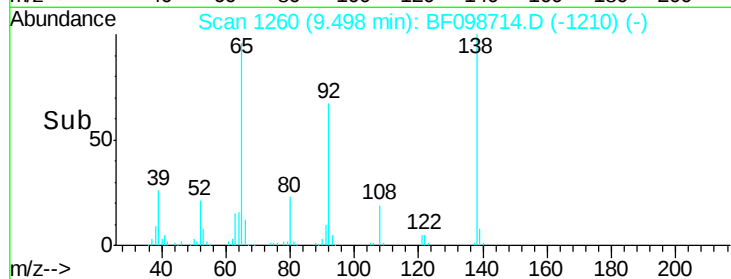
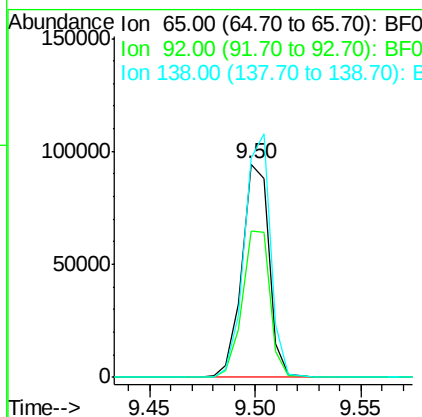
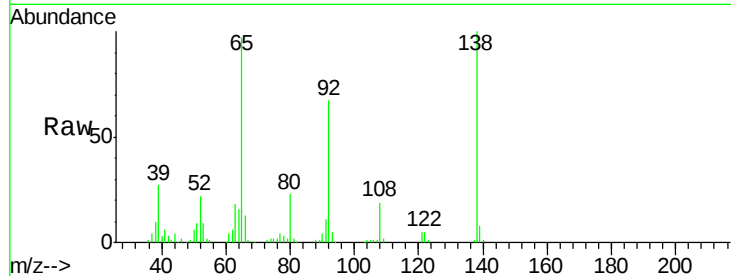




#47
2-Nitroaniline
Concen: 17.89 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

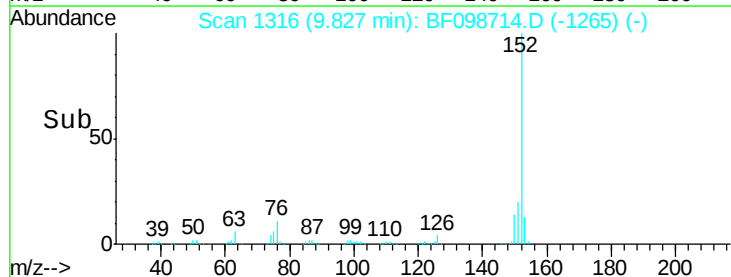
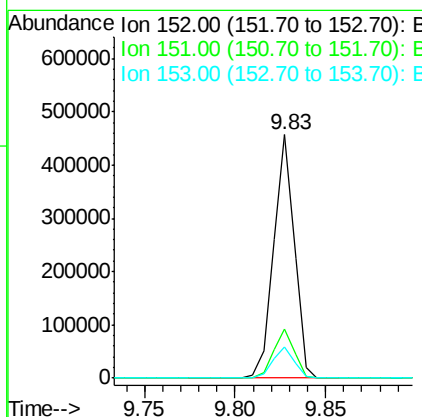
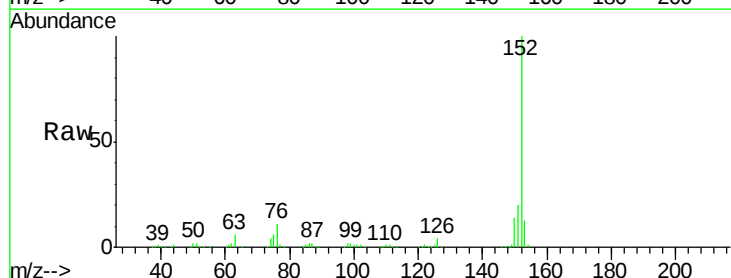
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

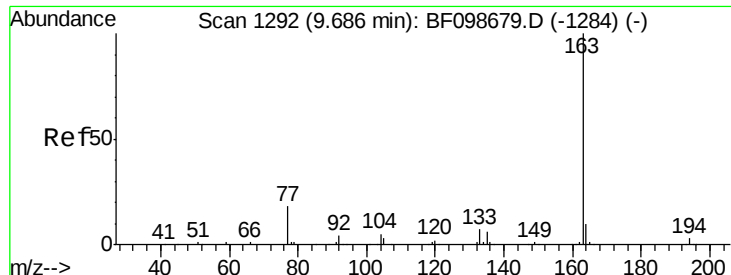
Tot Ion	65	92	138
Resp	83985		
Ion Ratio	100	68.7	103.3
Lower		55.8	91.2
Upper		83.6	136.8



#48
Acenaphthylene
Concen: 14.05 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion	152	151	153
Resp	361309		
Ion Ratio	100	20.0	12.8
Lower		16.3	10.7
Upper		24.5	16.1

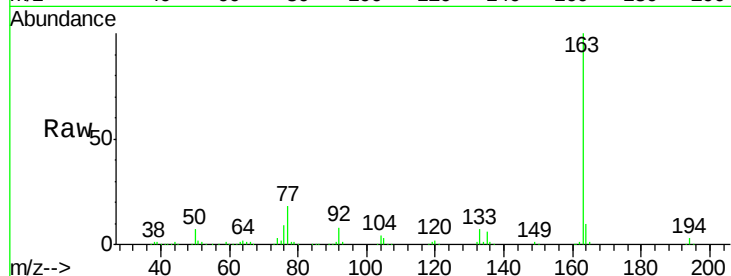




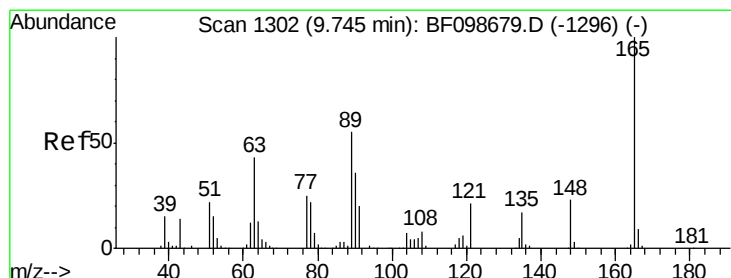
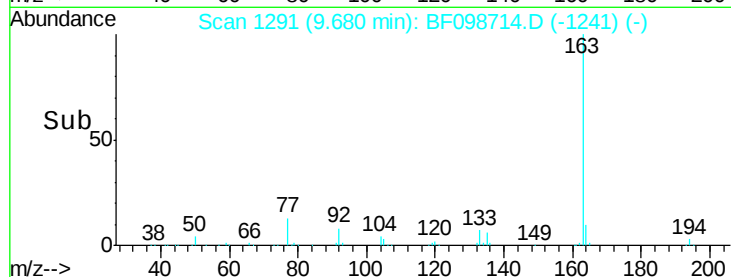
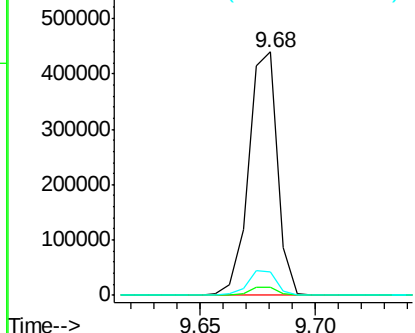
#49
Dimethylphthalate
Concen: 19.68 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

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

Tot Ion:163 Resp: 382871
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.6 8.2 12.2

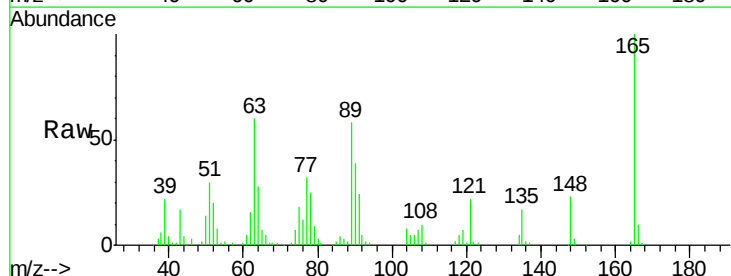


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

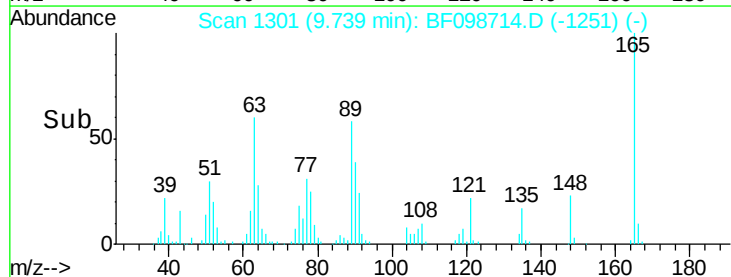
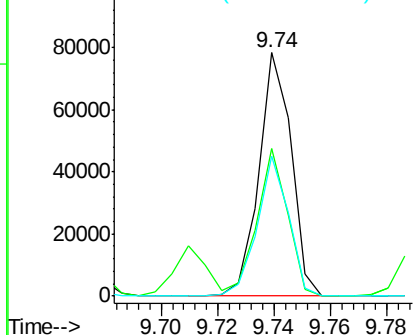


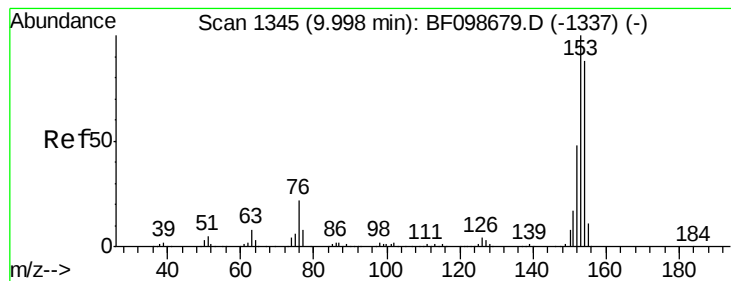
#50
2,6-Dinitrotoluene
Concen: 16.14 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion:165 Resp: 61987
Ion Ratio Lower Upper
165 100
63 60.4 44.7 67.1
89 57.6 44.0 66.0



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





#51

Acenaphthene

Concen: 13.37 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

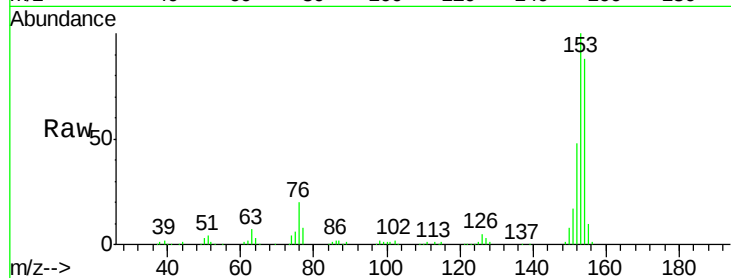
Tot Ion:154 Resp: 213405

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

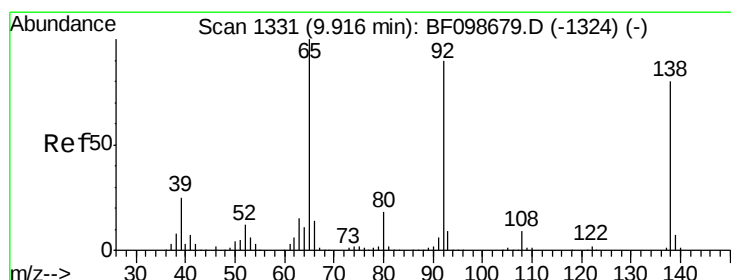
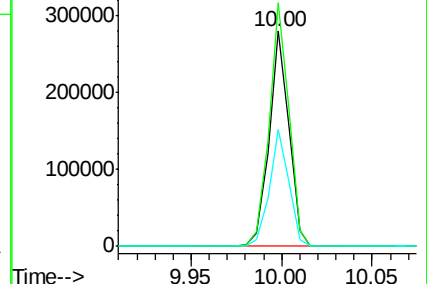
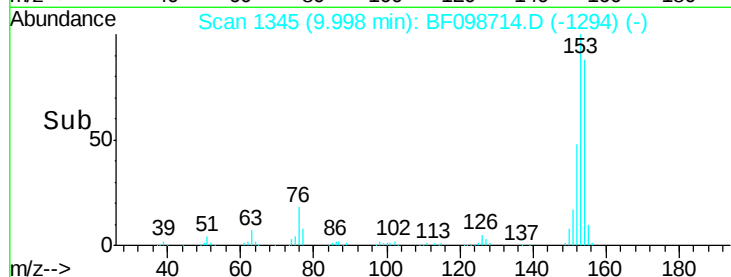
152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.83 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

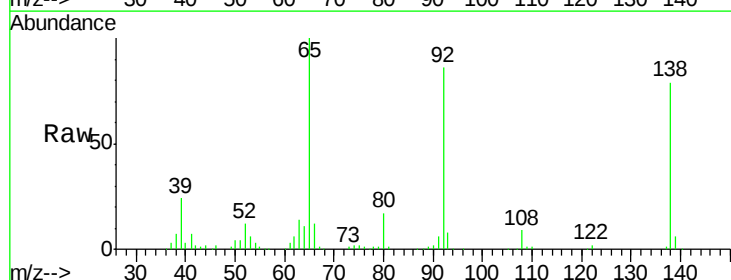
Tgt Ion:138 Resp: 81608

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

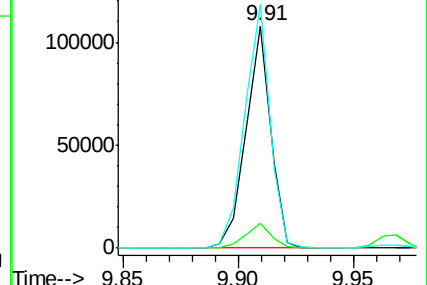
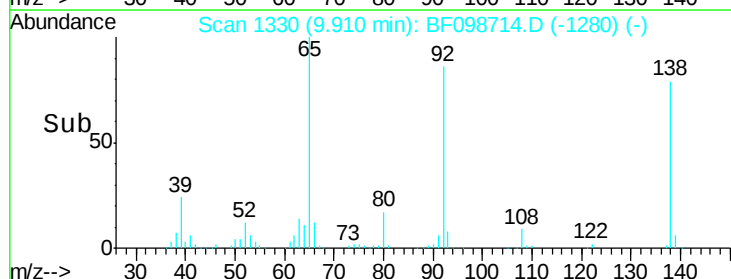
92 109.5 89.4 134.2

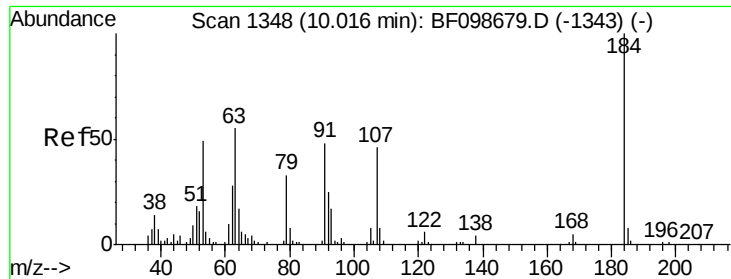


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

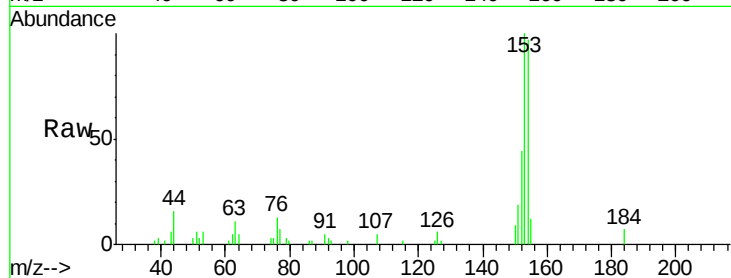




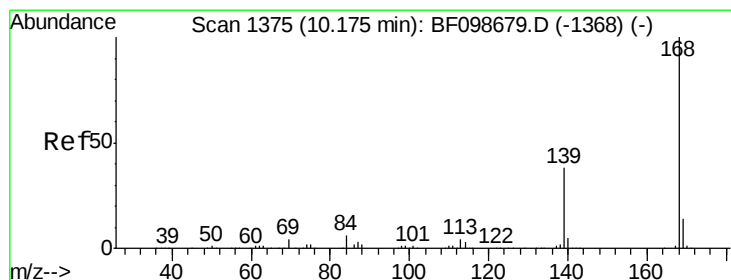
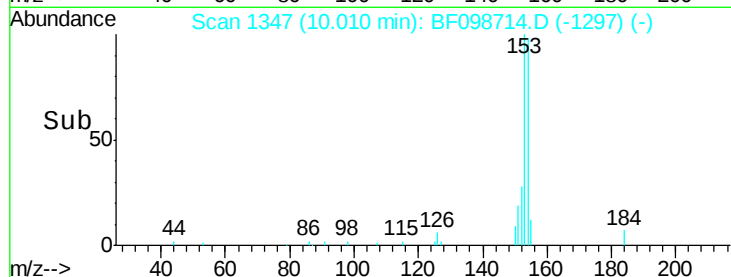
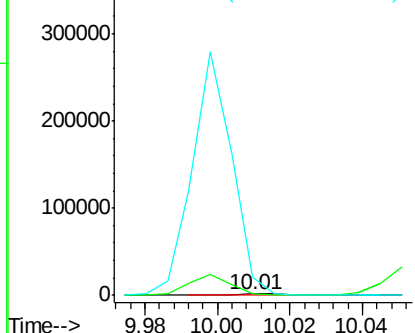
#53
2,4-Dinitrophenol
Concen: 7.13 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

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

Tot Ion:184 Resp: 1331
Ion Ratio Lower Upper
184 100
63 157.7 54.2 81.2#
154 1432.1 53.5 80.3#

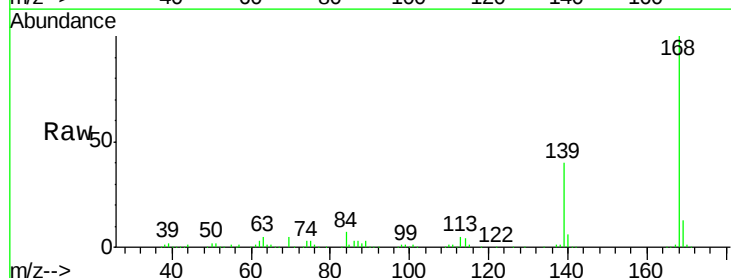


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

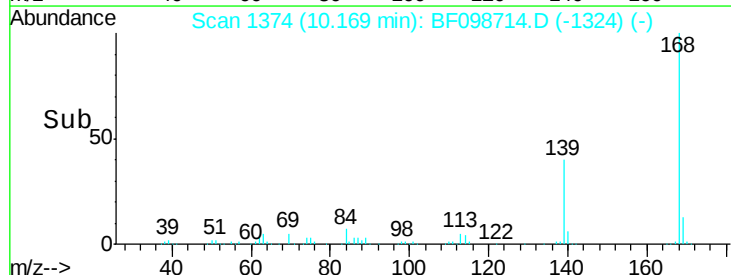
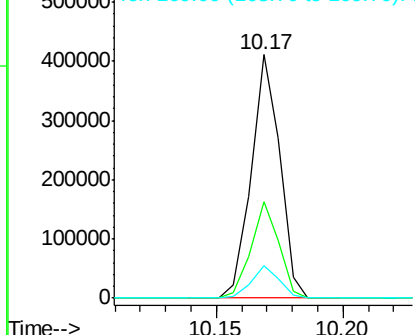


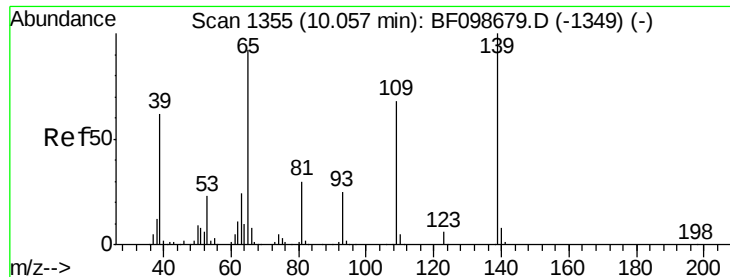
#54
Dibenzofuran
Concen: 14.78 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion:168 Resp: 322109
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

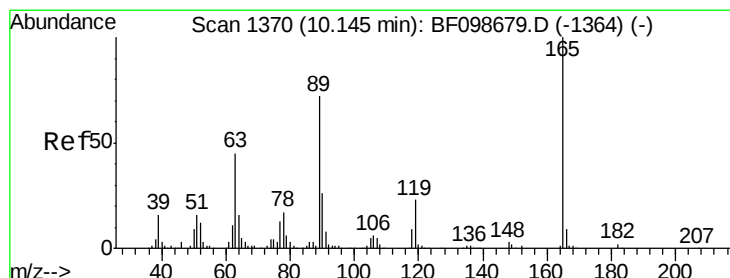
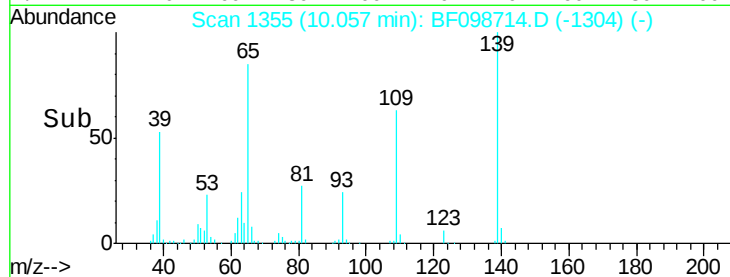
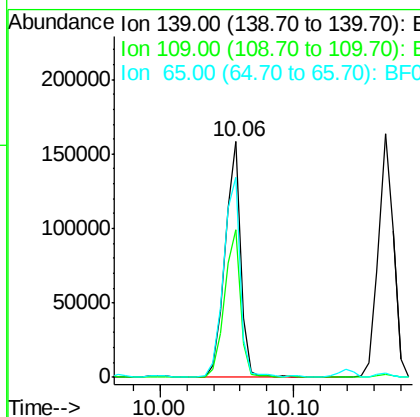
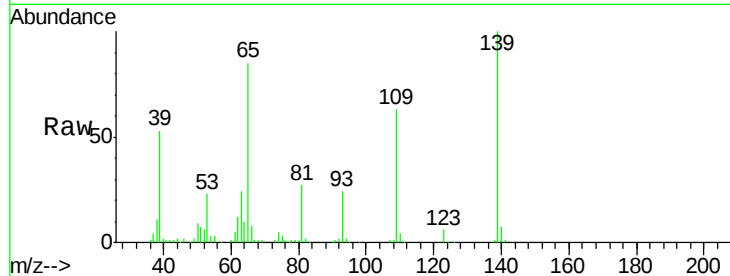




#55
4-Nitrophenol
Concen: 33.15 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

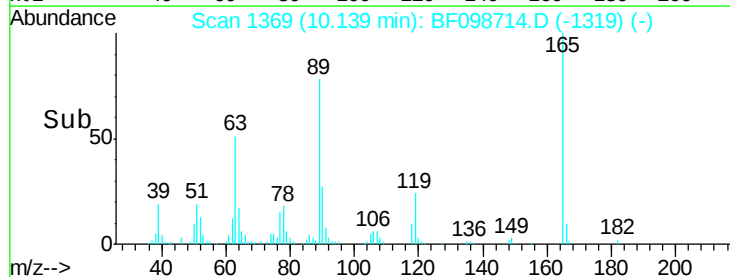
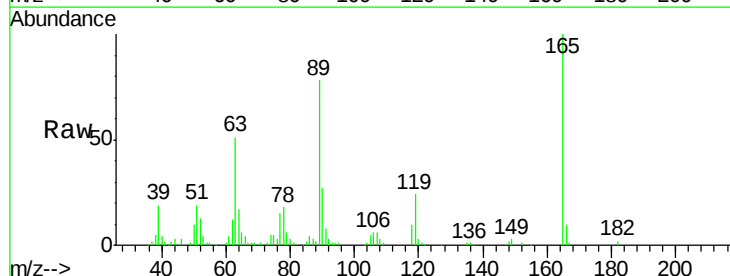
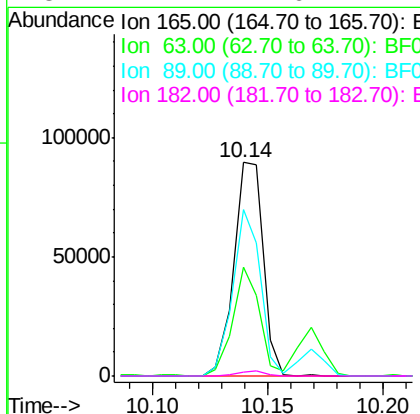
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

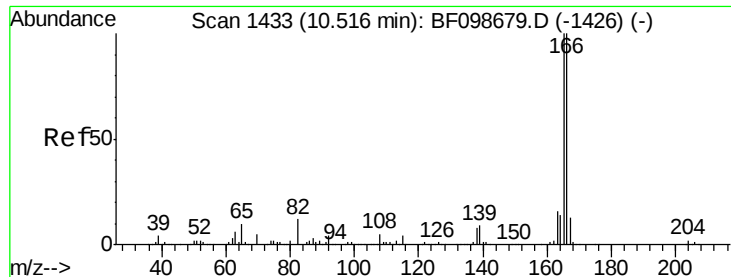
Tot Ion	Ratio	Lower	Upper
139	100		
109	62.9	48.4	88.4
65	84.9	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 15.44 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.7	36.4	54.6
89	78.1	57.8	86.6
182	2.1	1.6	2.4

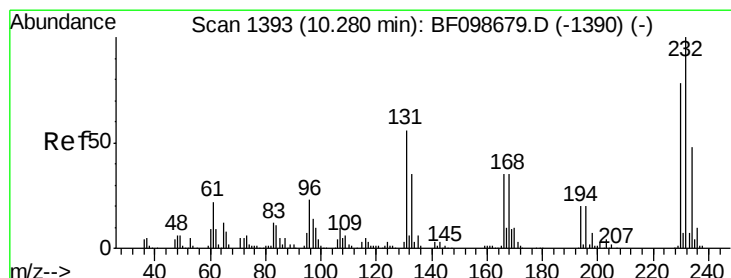
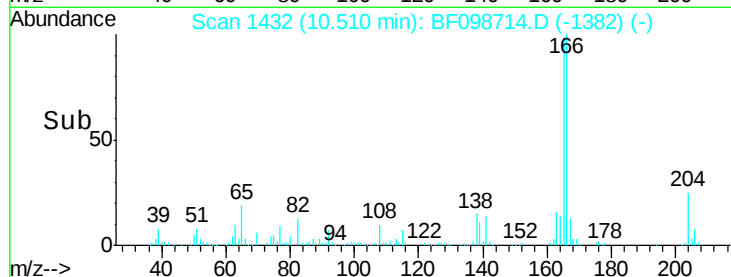
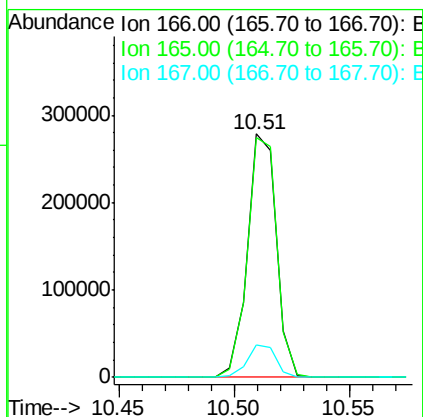
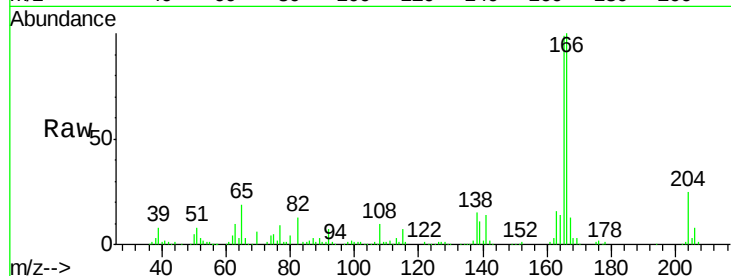




#57
 Fluorene
 Concen: 13.92 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

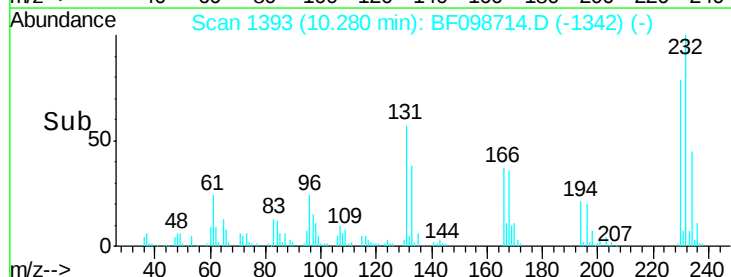
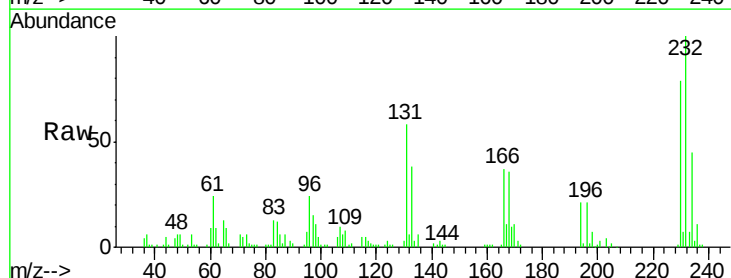
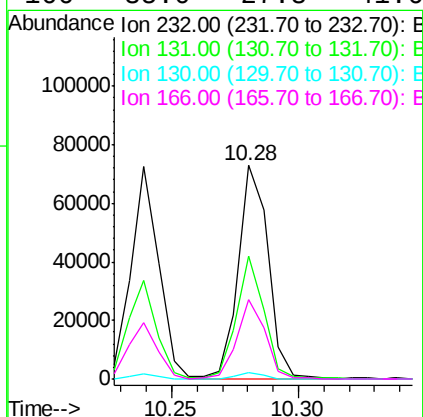
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MSD

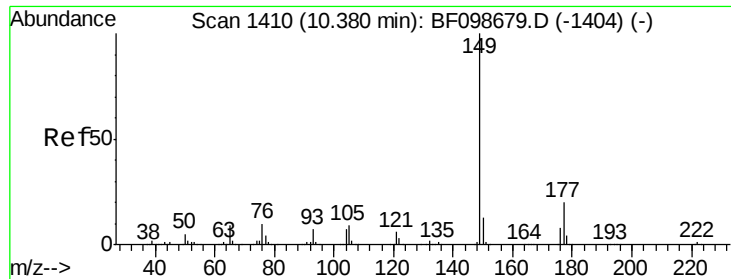
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.92 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.8	43.8	65.8
130	2.6	2.1	3.1
166	35.0	27.8	41.6

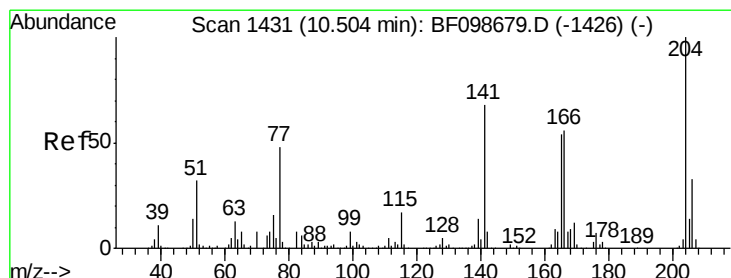
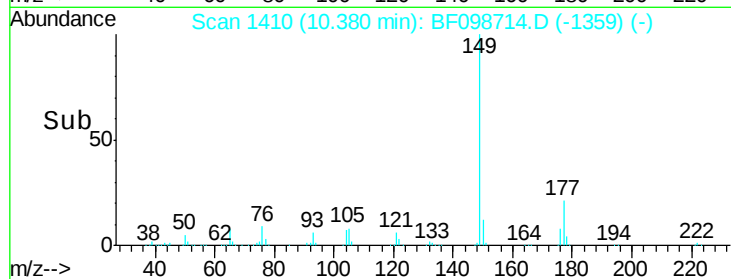
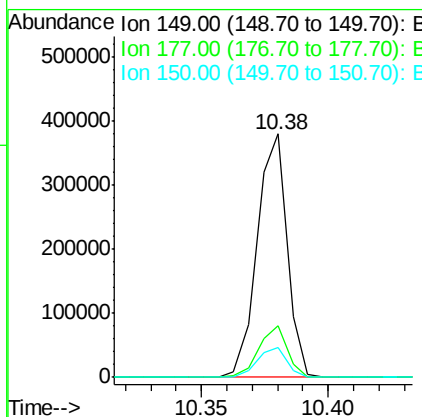
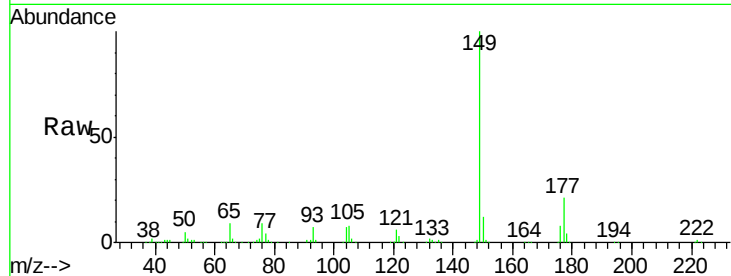




#59
Diethylphthalate
Concen: 16.50 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

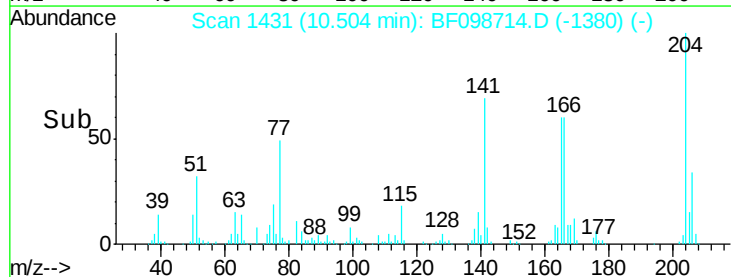
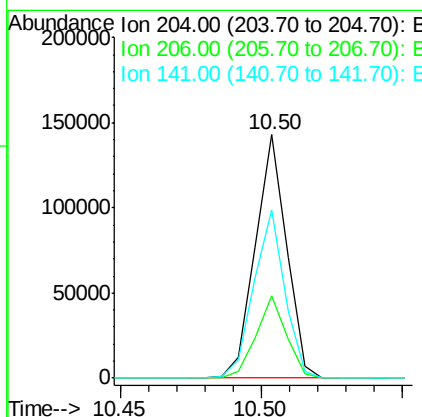
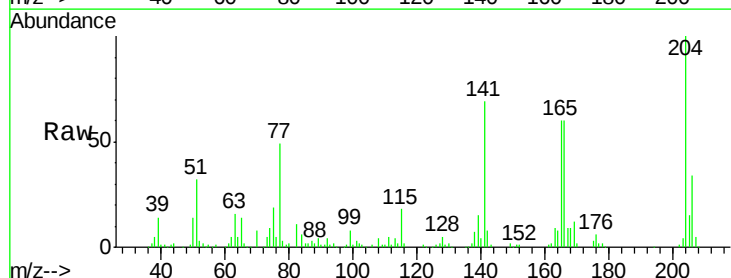
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

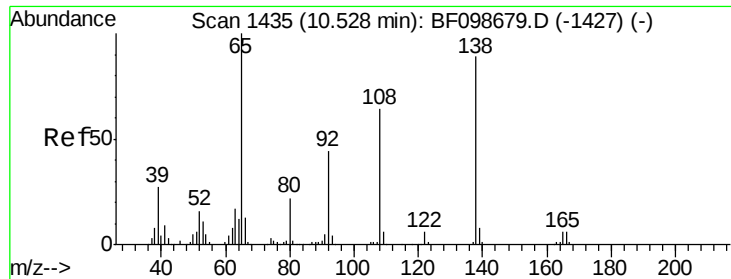
Tot Ion:149 Resp: 314702
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 14.28 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion:204 Resp: 109573
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 69.3 54.6 81.8

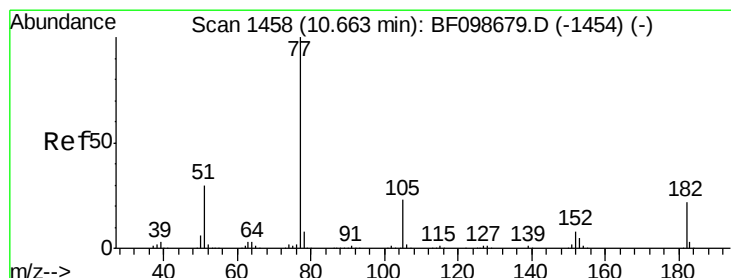
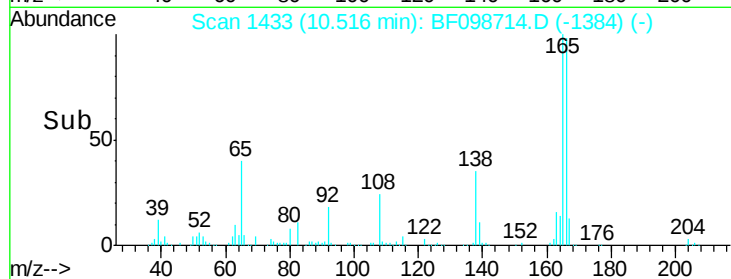
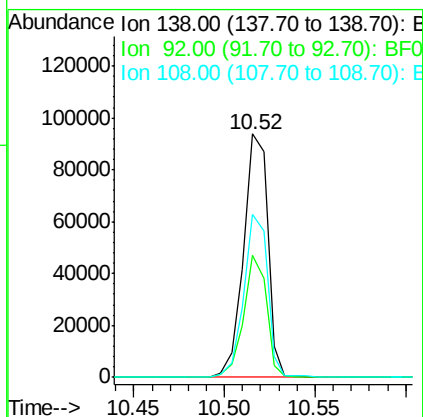
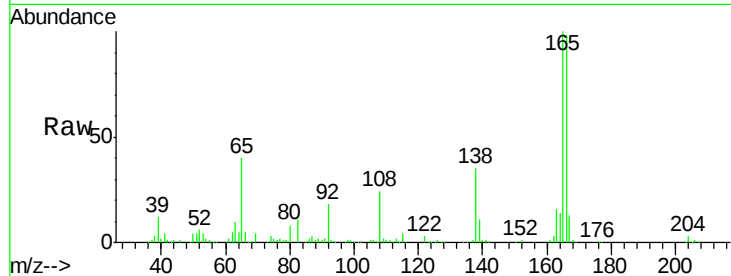




#61
4-Nitroaniline
Concen: 19.90 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

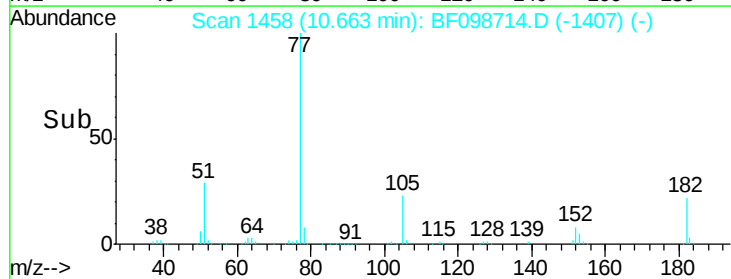
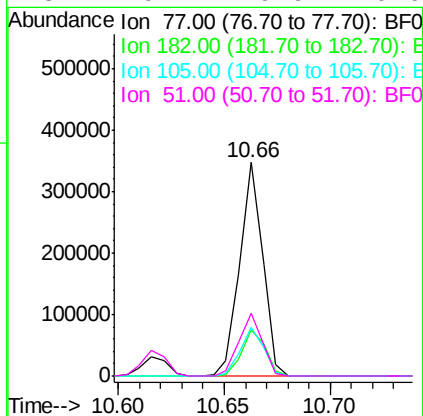
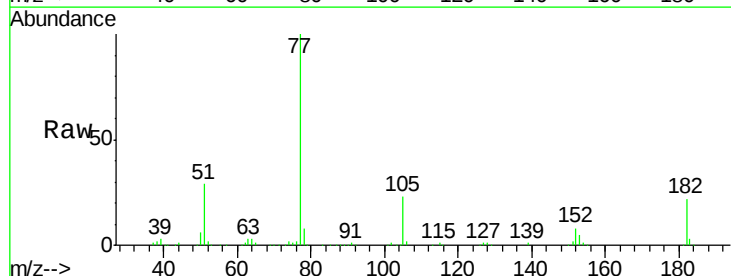
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

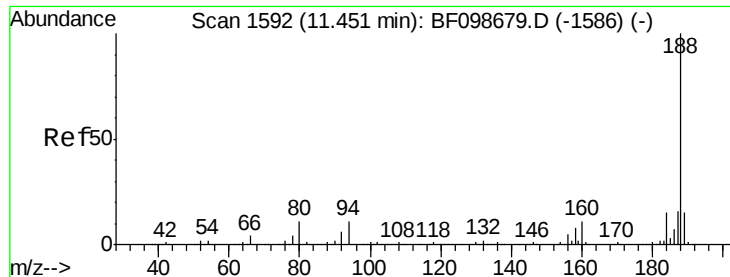
Tot Ion:138 Resp: 87343
Ion Ratio Lower Upper
138 100
92 50.0 30.2 70.2
108 67.1 52.5 92.5



#62
Azobenzene
Concen: 14.63 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion: 77 Resp: 260899
Ion Ratio Lower Upper
77 100
182 21.7 1.7 41.7
105 22.9 3.0 43.0
51 29.2 9.9 49.9

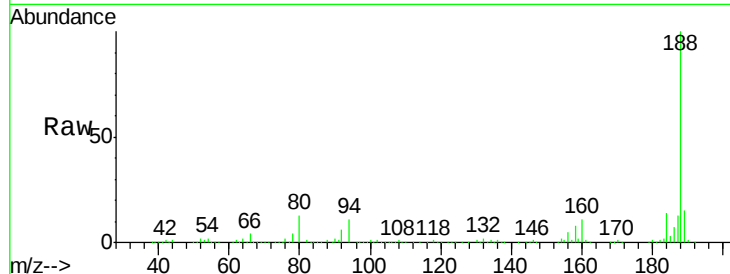




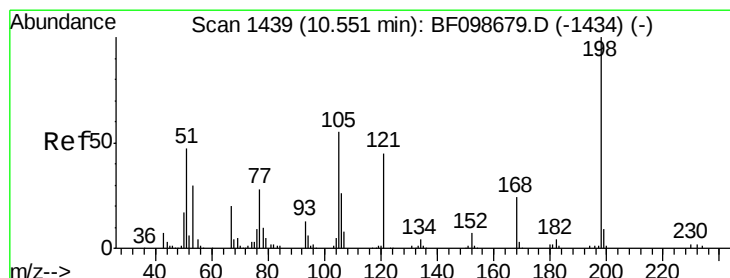
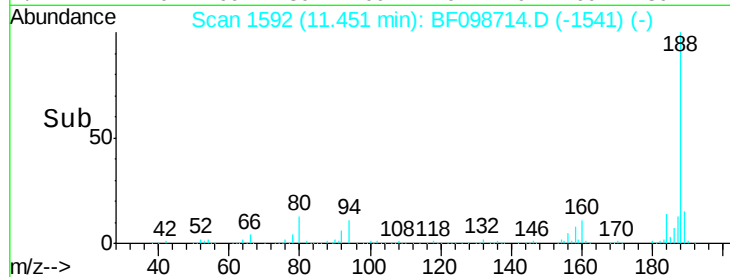
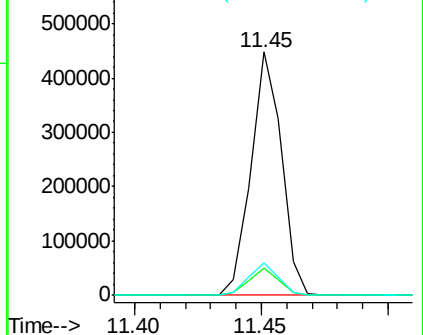
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

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

Tot Ion	188	Resp	376083
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	13.2	9.2	13.8

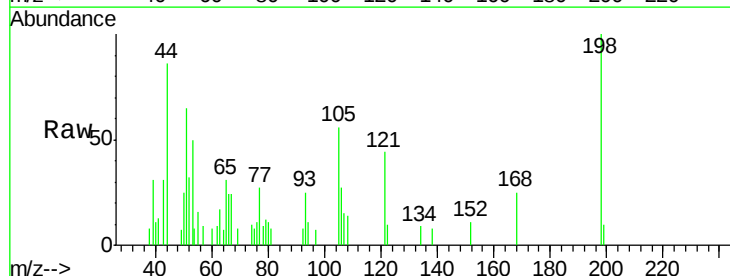


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

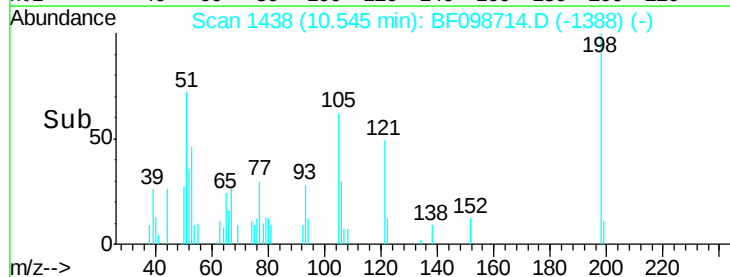
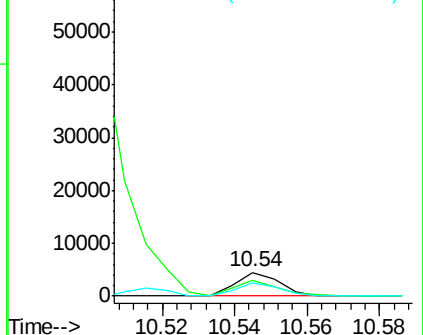


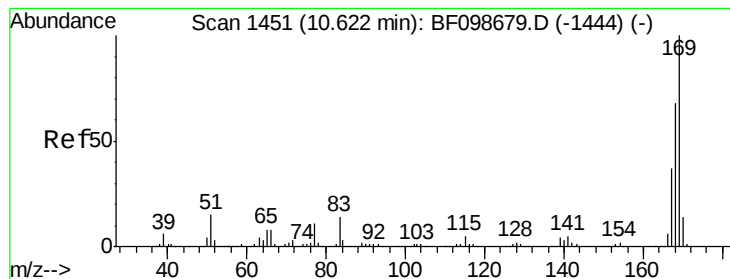
#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.57 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion	198	Resp	3736
Ion	Ratio	Lower	Upper
198	100		
51	65.2	37.7	77.7
105	56.0	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 17.97 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

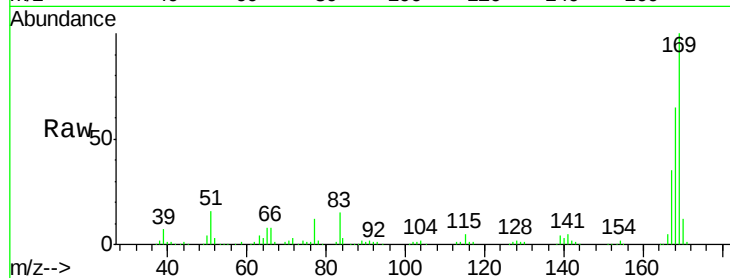
Tot Ion:169 Resp: 232564

Ion Ratio Lower Upper

169 100

168 64.9 54.4 81.6

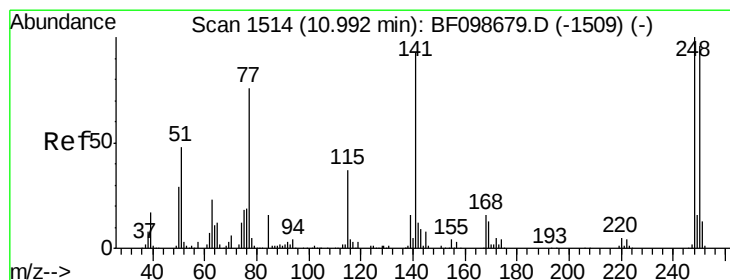
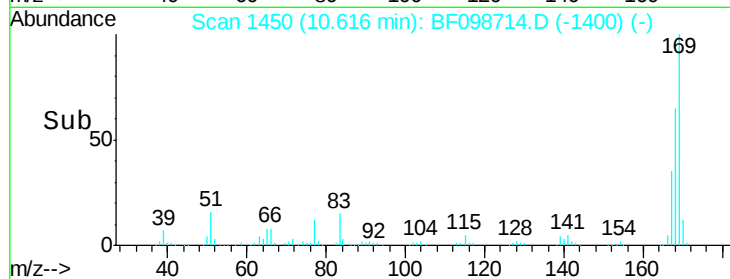
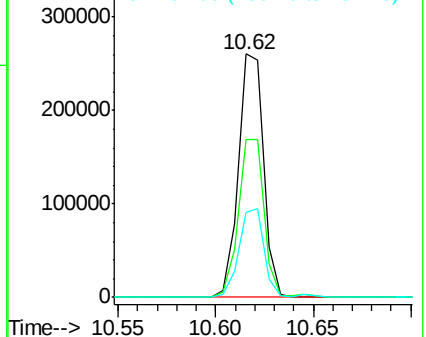
167 34.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 16.61 ng

RT: 10.99 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

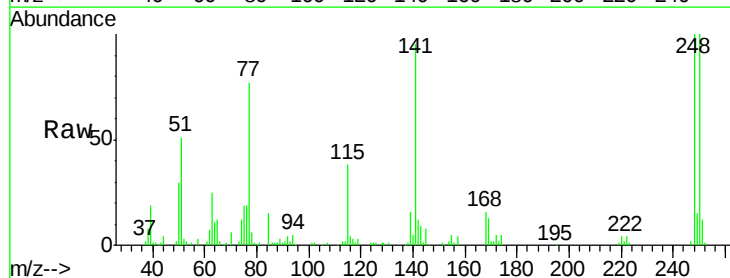
Tgt Ion:248 Resp: 63077

Ion Ratio Lower Upper

248 100

250 100.0 76.9 115.3

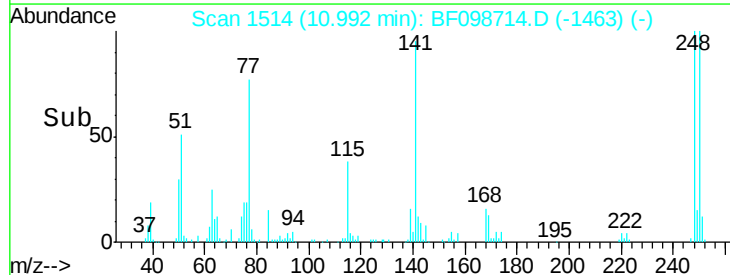
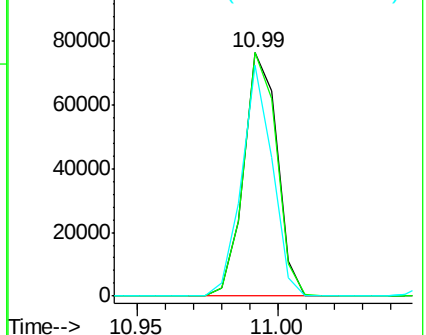
141 94.6 74.4 111.6

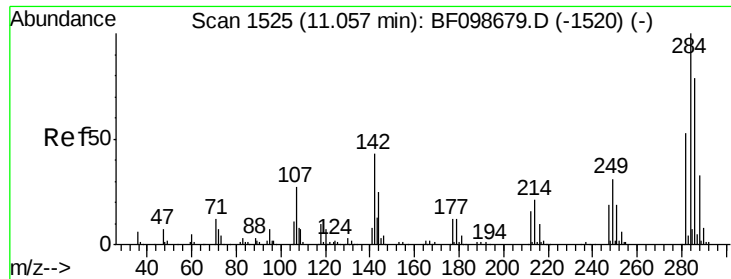


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

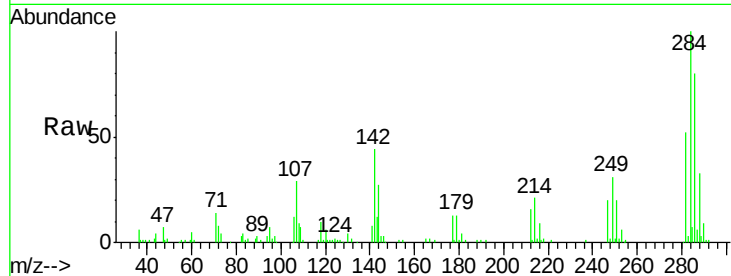




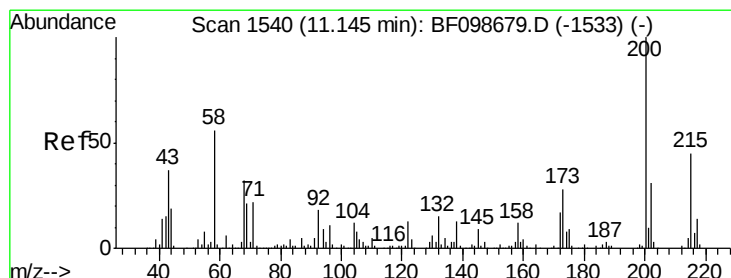
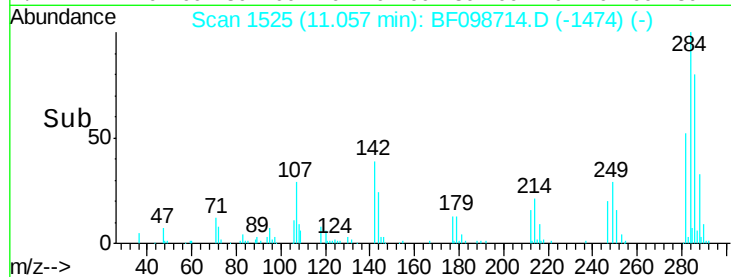
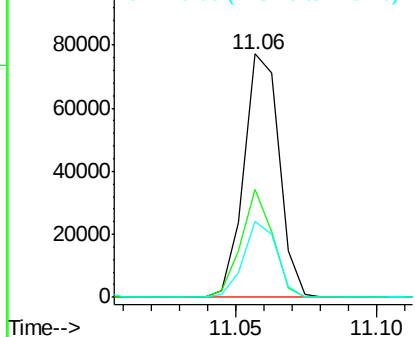
#67
Hexachlorobenzene
Concen: 15.49 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

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

Tot Ion:284 Resp: 67047
Ion Ratio Lower Upper
284 100
142 44.1 34.6 52.0
249 31.1 24.8 37.2

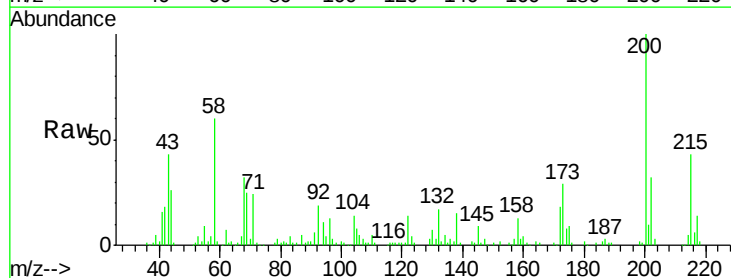


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

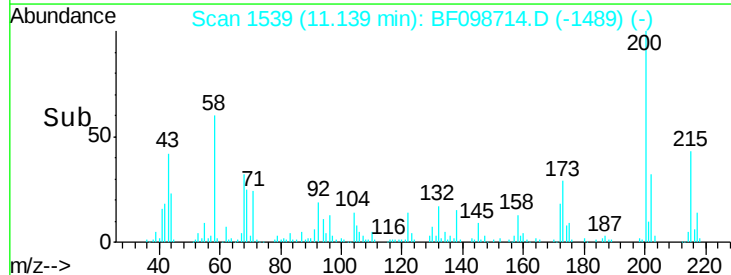
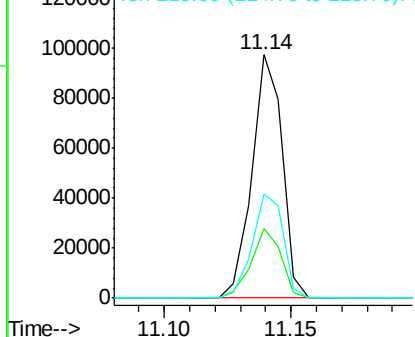


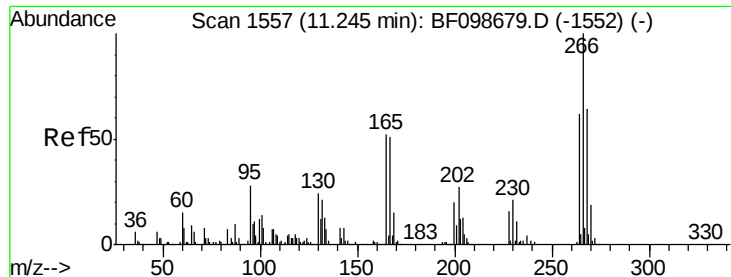
#68
Atrazine
Concen: 20.72 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion:200 Resp: 80701
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 43.0 25.1 65.1



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

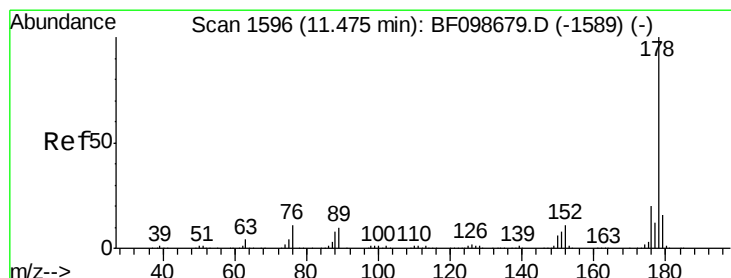
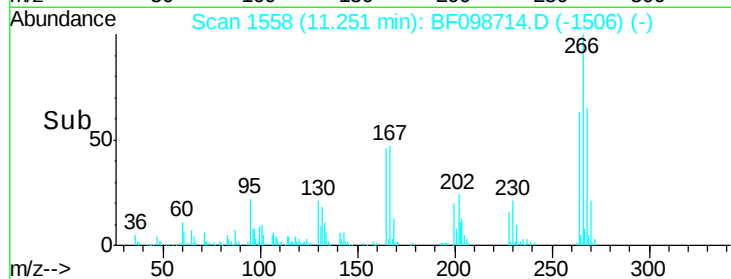
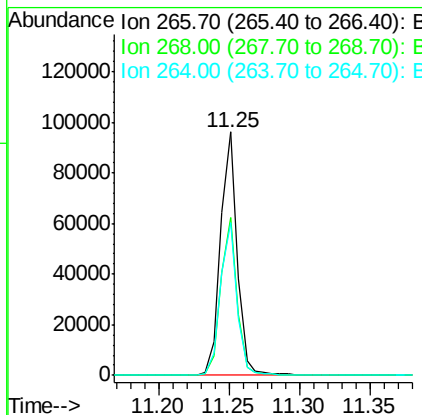
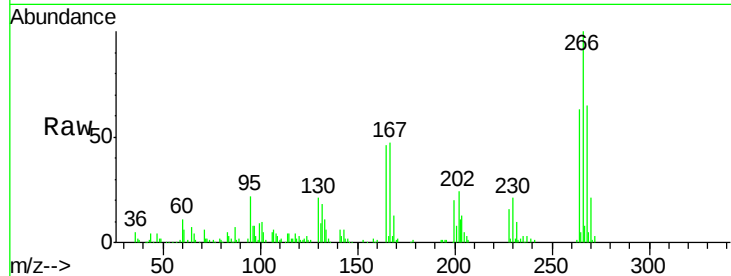




#69
 Pentachlorophenol
 Concen: 32.07 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

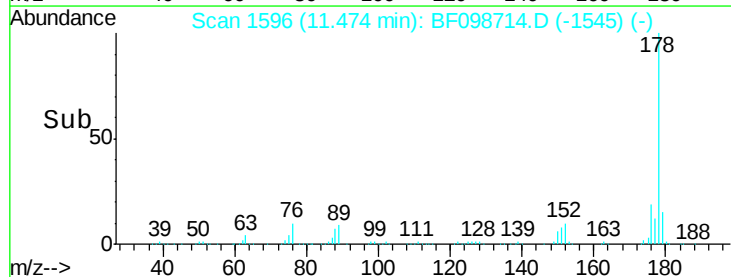
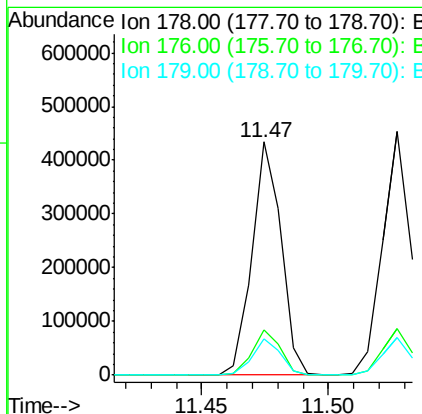
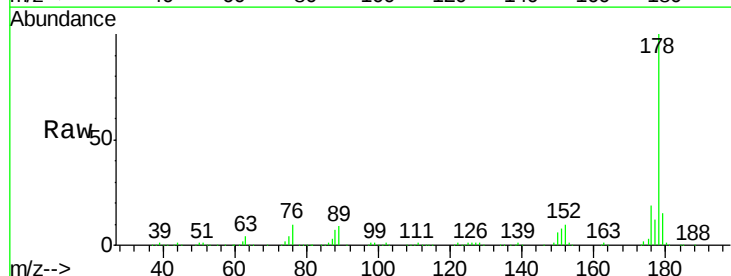
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MSD

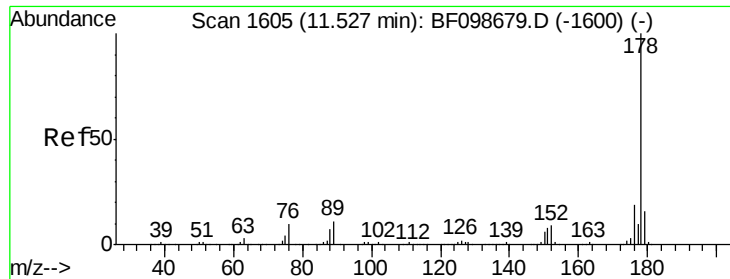
Tot Ion:	266	Resp:	79305
Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	63.0	49.5	74.3



#70
 Phenanthrene
 Concen: 17.02 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion:	178	Resp:	347292
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.3	13.0	19.6

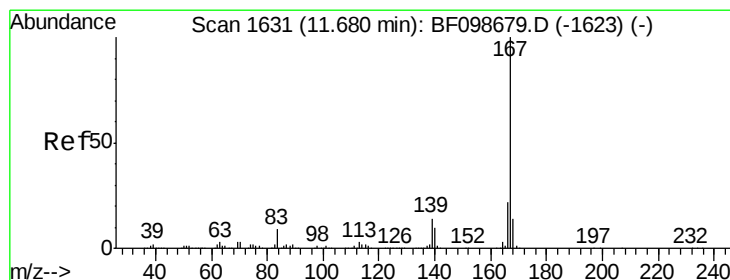
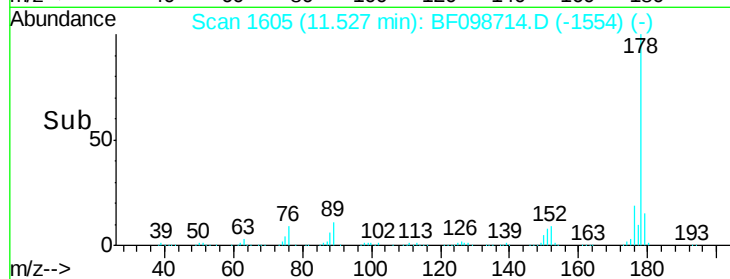
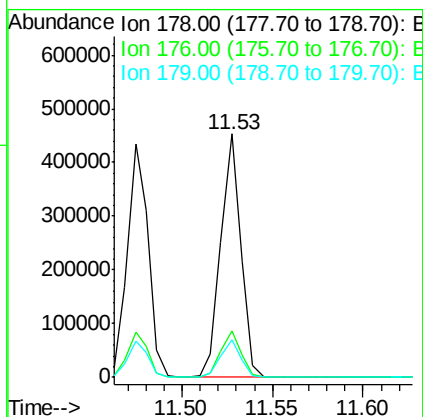
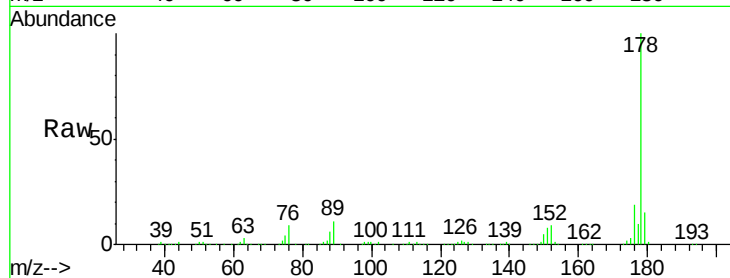




#71
 Anthracene
 Concen: 16.84 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

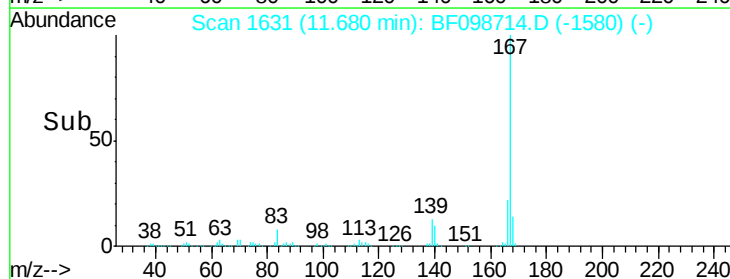
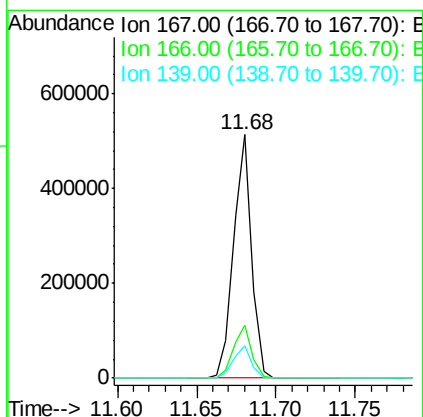
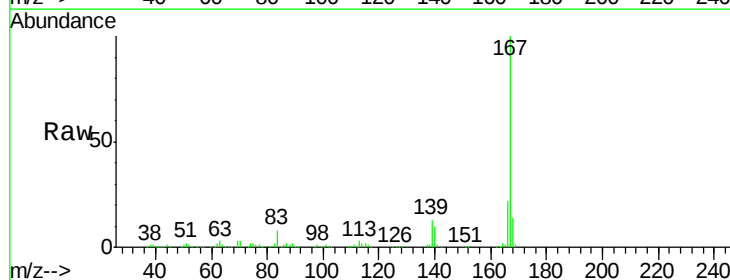
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MSD

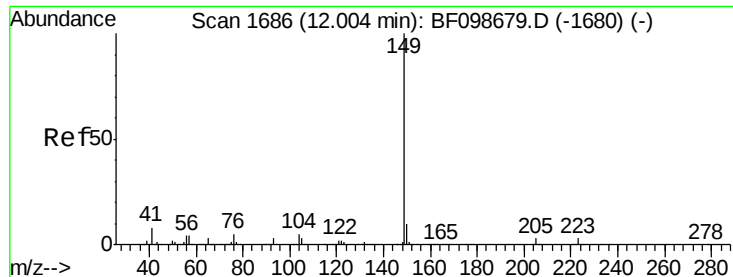
Tot Ion:178 Resp: 350411
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 19.84 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion:167 Resp: 403346
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.3 10.9 16.3

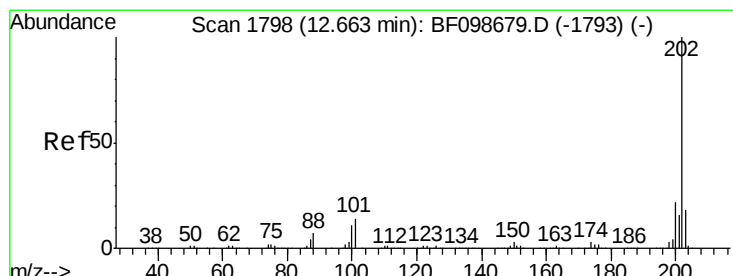
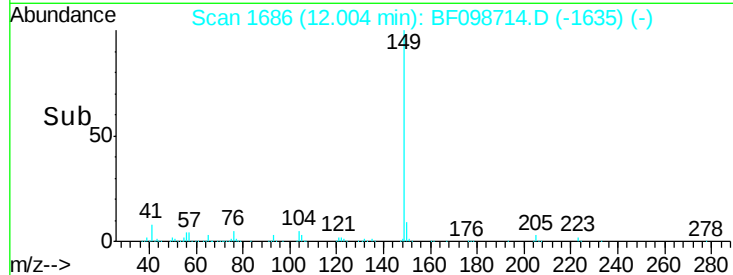
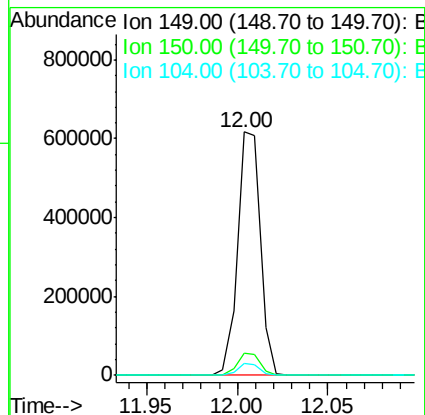
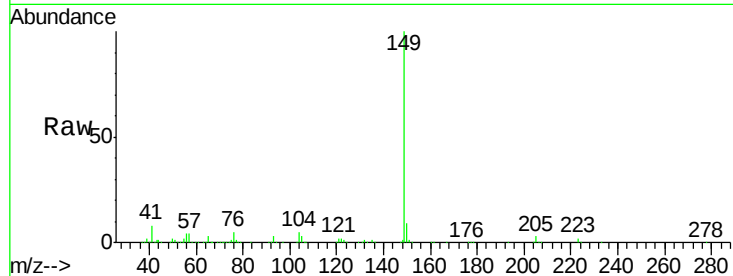




#73
Di-n-butylphthalate
Concen: 22.87 ng
RT: 12.00 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

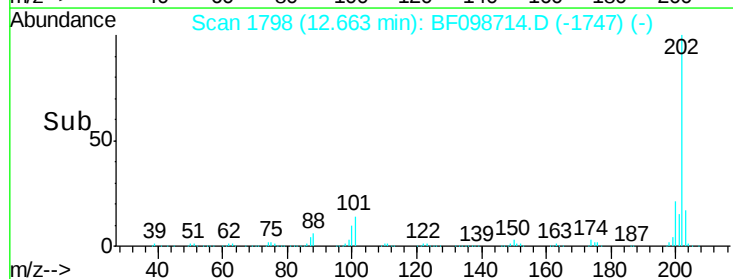
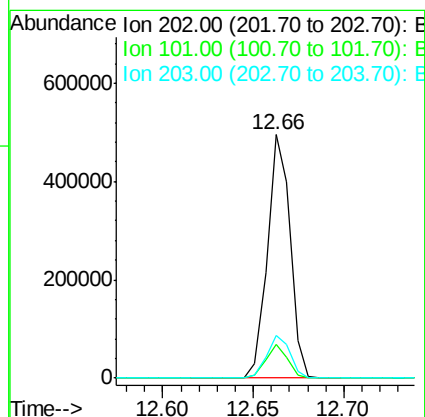
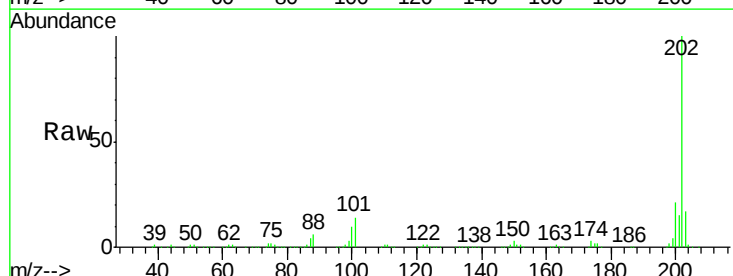
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

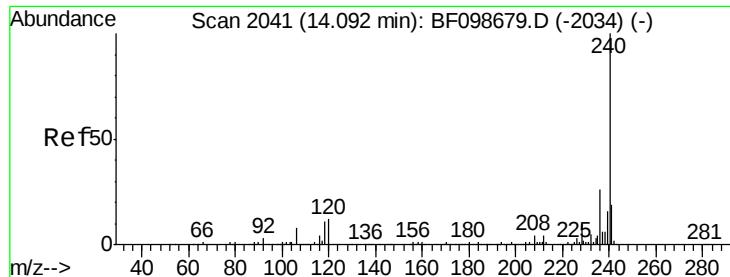
Tot Ion:149 Resp: 540044
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 21.29 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion:202 Resp: 432963
Ion Ratio Lower Upper
202 100
101 14.0 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

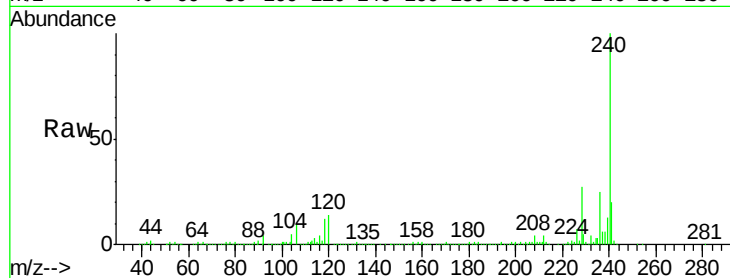
Tot Ion:240 Resp: 324013

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

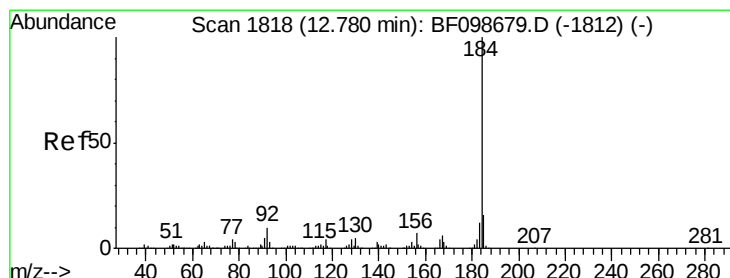
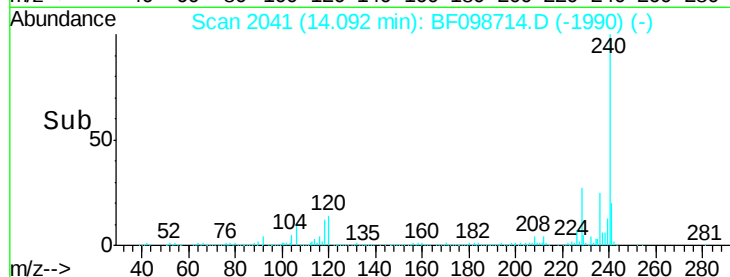
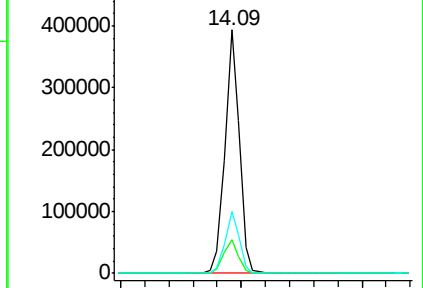
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.95 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

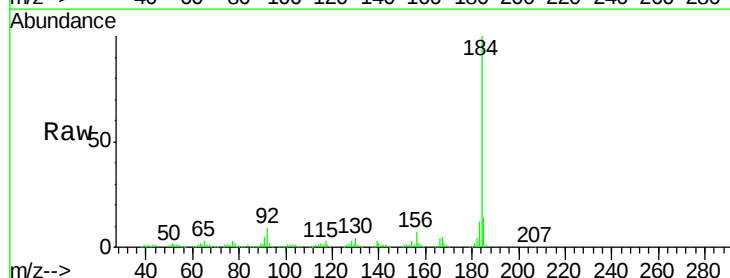
Tgt Ion:184 Resp: 301961

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

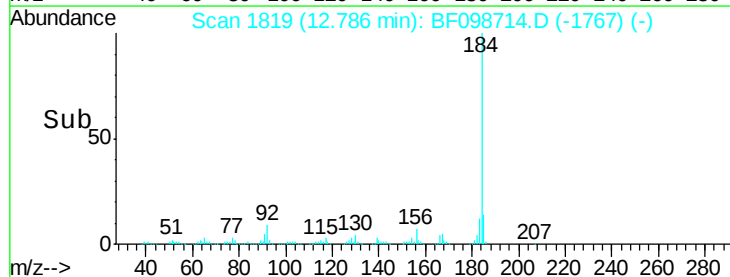
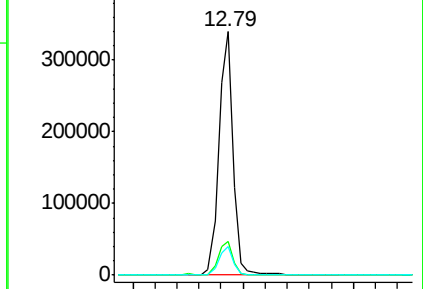
183 11.7 9.3 13.9

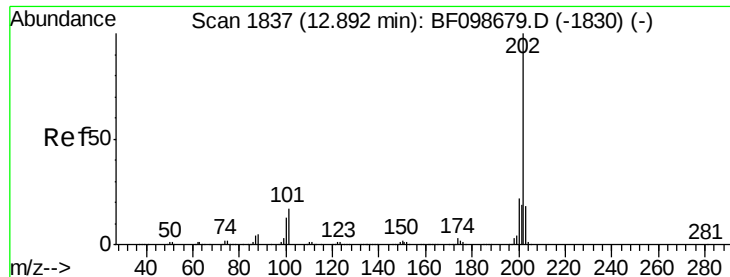


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

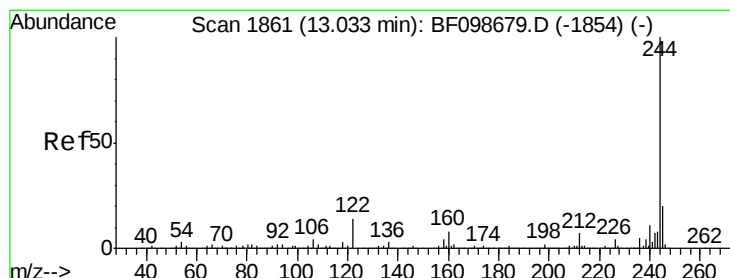
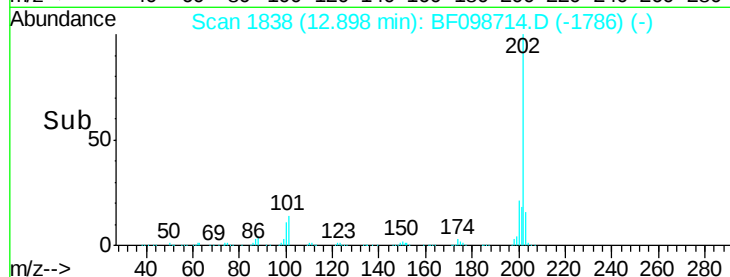
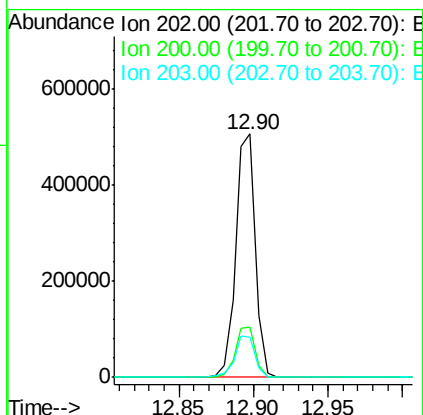
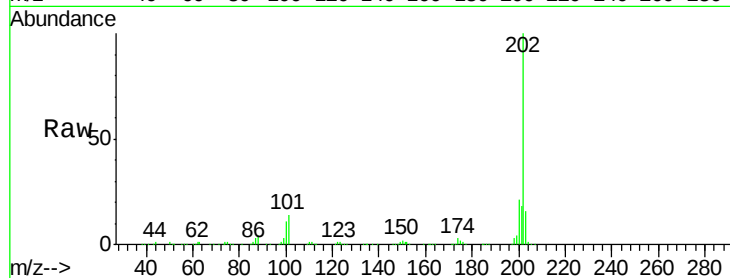




#77
Pvrene
Concen: 19.35 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

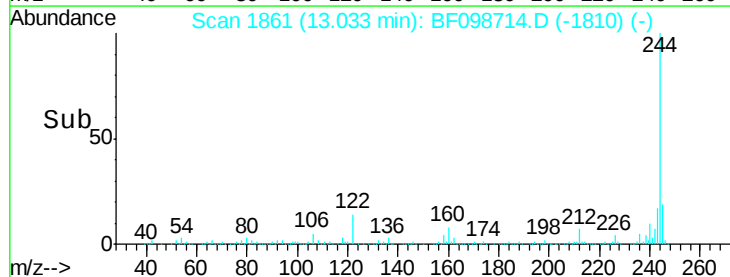
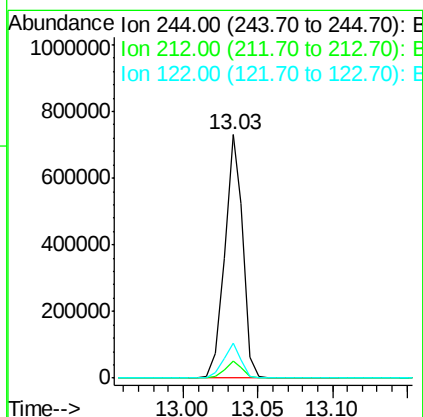
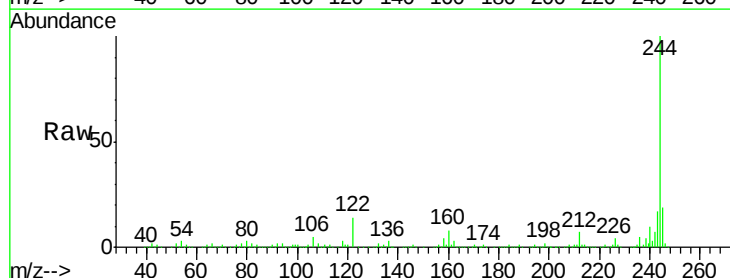
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

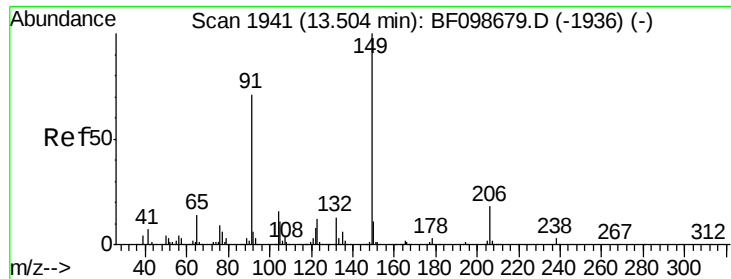
Tot Ion:202 Resp: 465498
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 16.2 14.3 21.5



#78
Terphenyl-d14
Concen: 41.28 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion:244 Resp: 622891
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 14.4 11.0 16.4

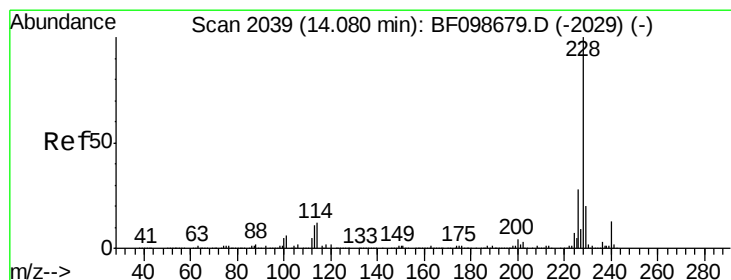
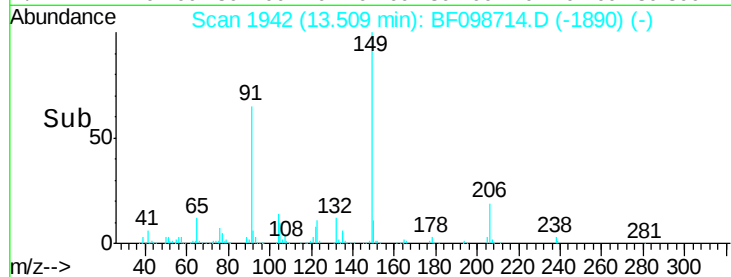
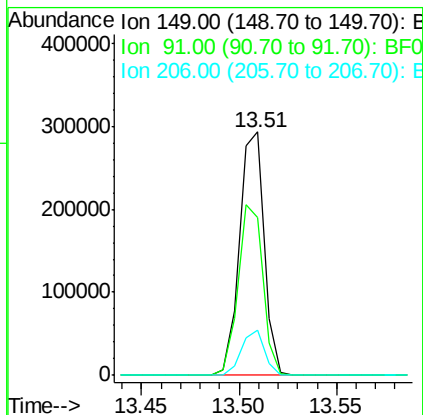
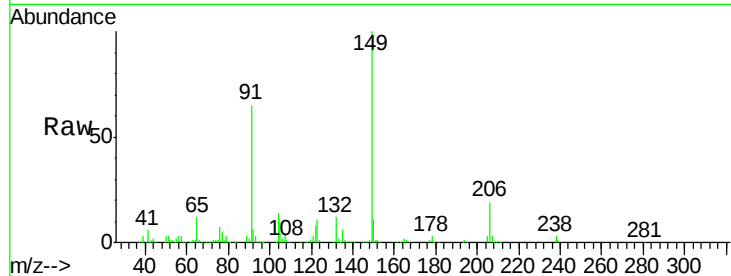




#79
Butylbenzylphthalate
Concen: 25.81 ng
RT: 13.51 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

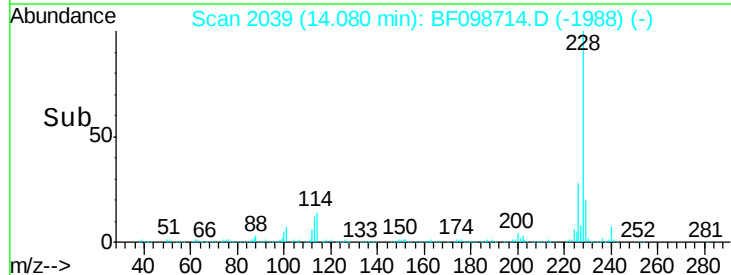
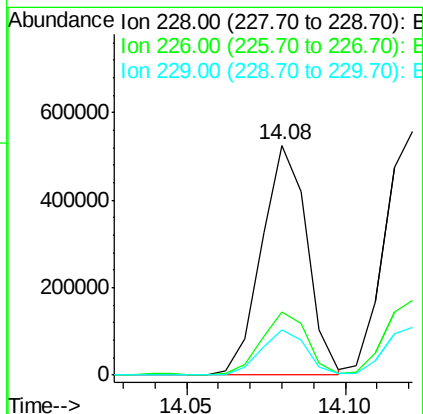
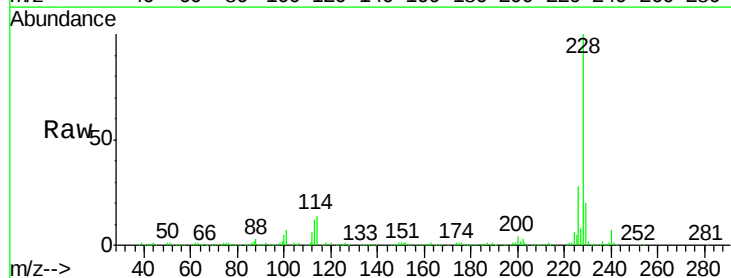
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

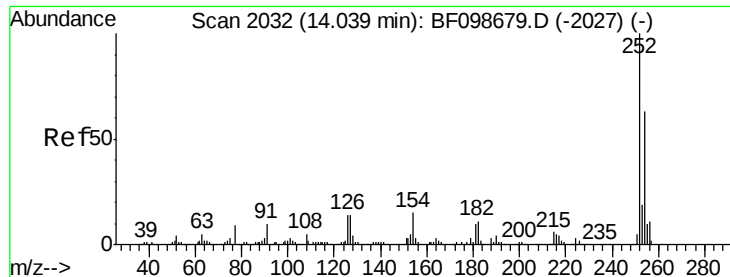
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.8	56.8	85.2
206	18.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 26.76 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.9	15.8	23.6

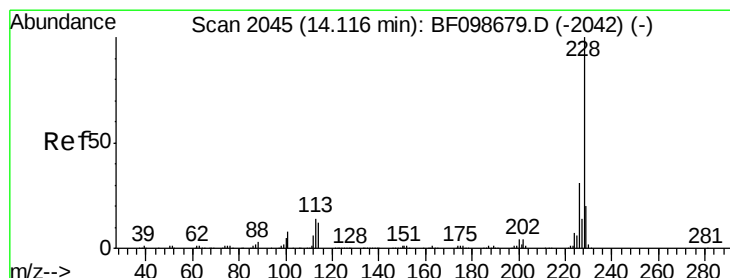
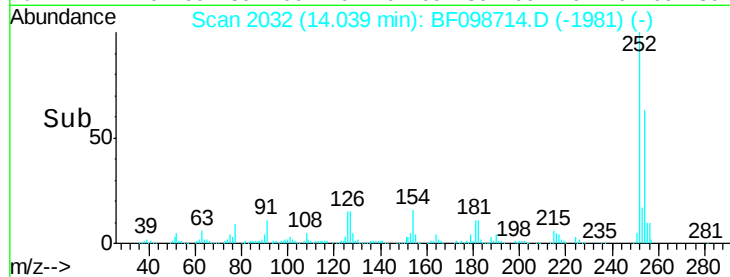
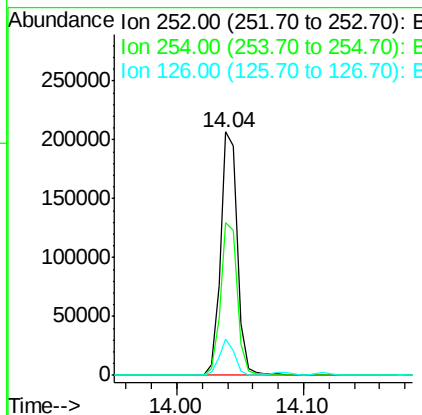
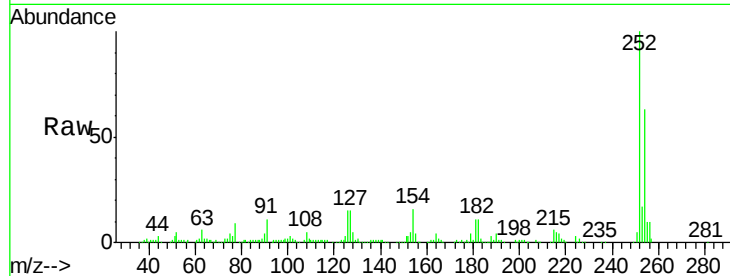




#81
 3,3'-Dichlorobenzidine
 Concen: 27.69 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

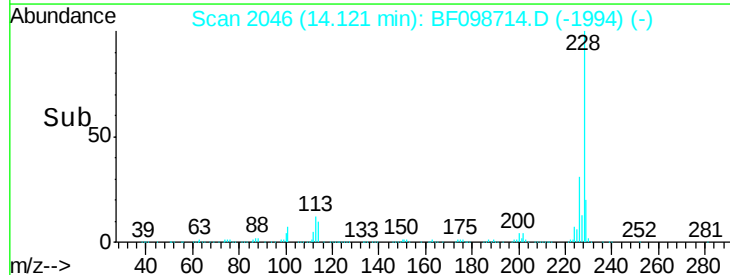
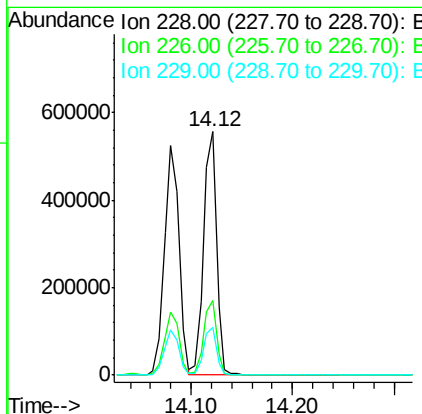
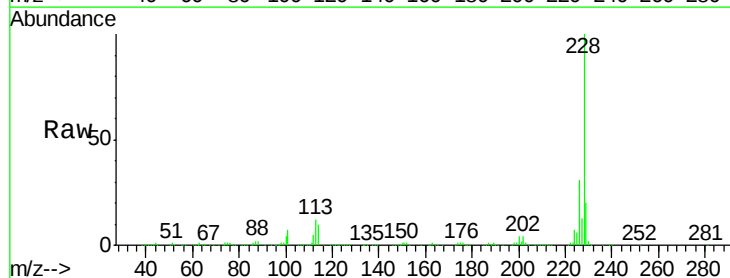
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MSD

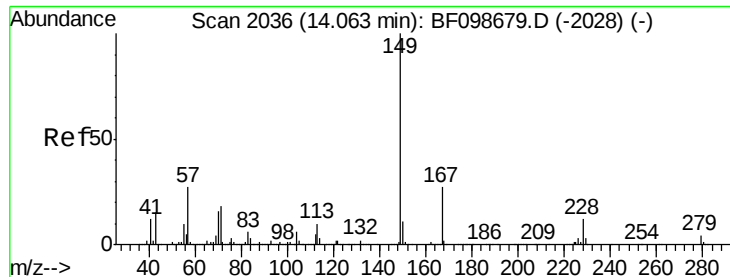
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	14.8	11.3	16.9



#82
 Chrysene
 Concen: 26.50 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.6	16.2	24.4

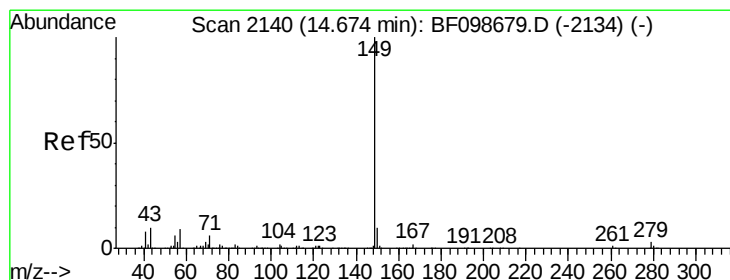
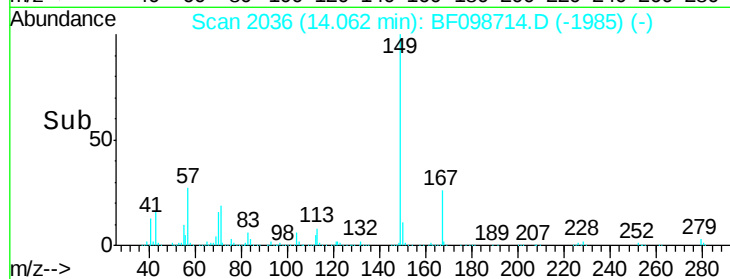
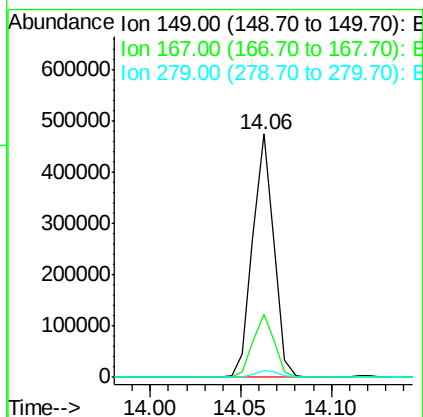
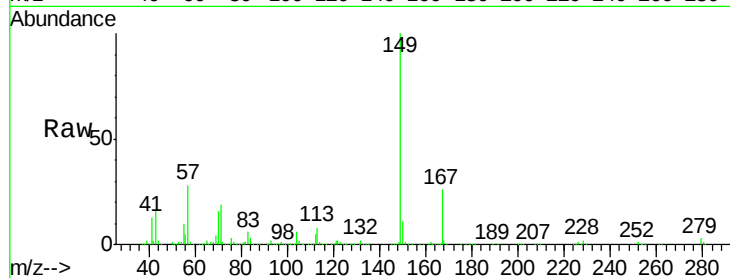




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.11 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

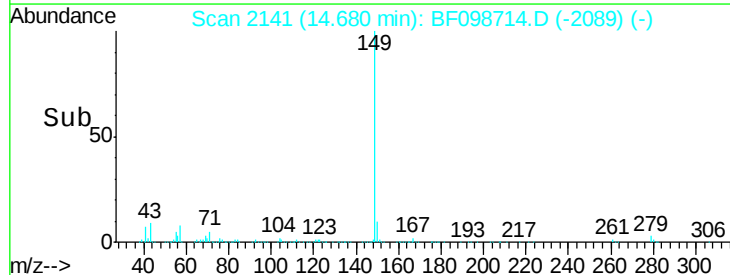
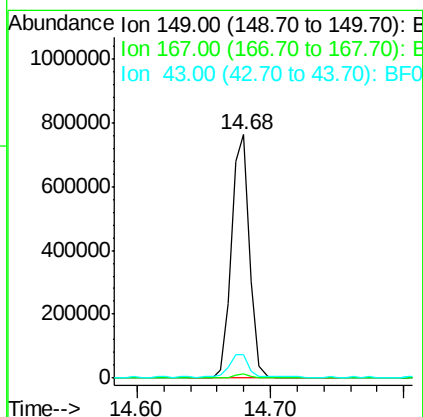
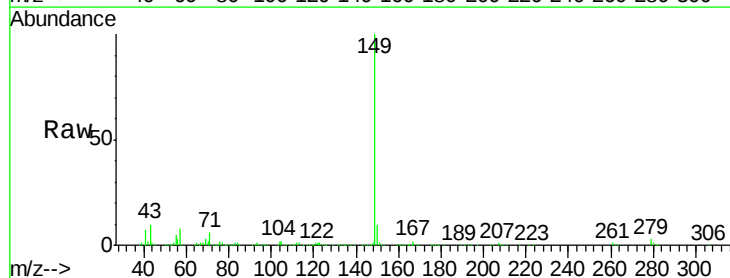
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MSD

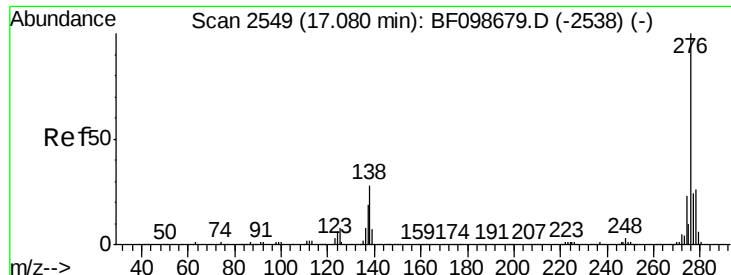
Tot Ion:149 Resp: 386913
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 3.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 35.04 ng
 RT: 14.68 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion:149 Resp: 724363
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.0 8.4 12.6

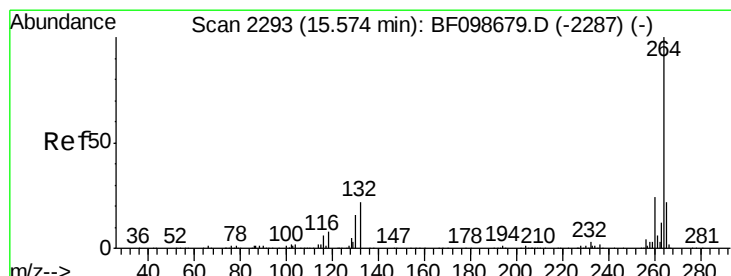
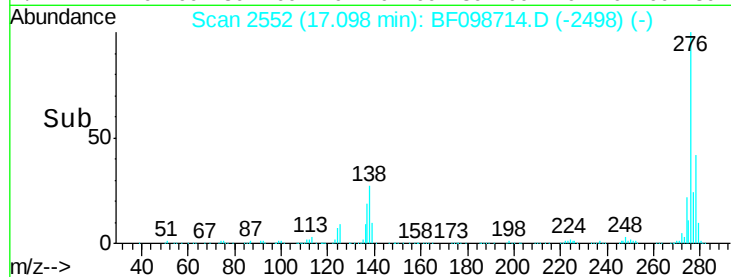
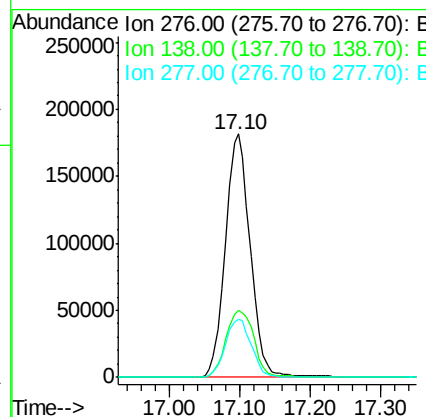
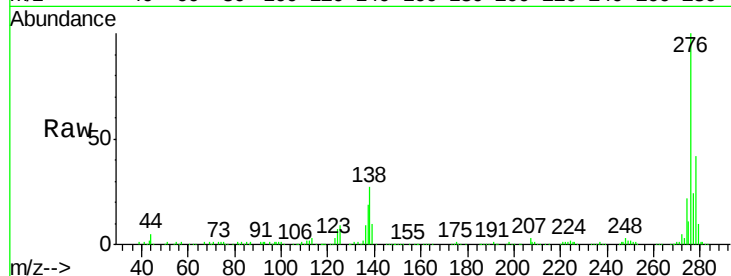




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.33 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. 0.02 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

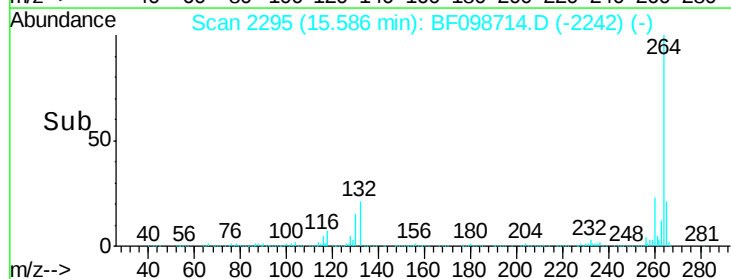
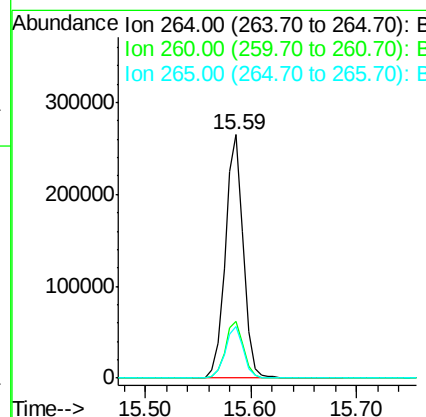
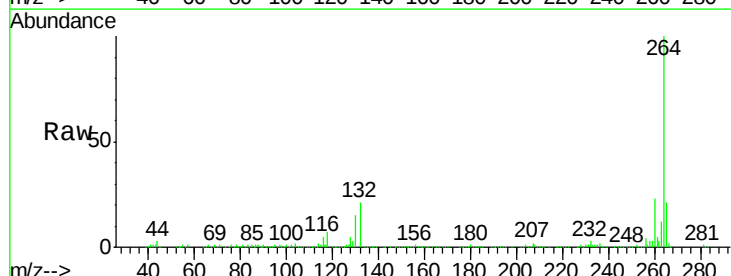
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-2(0-5)MSD

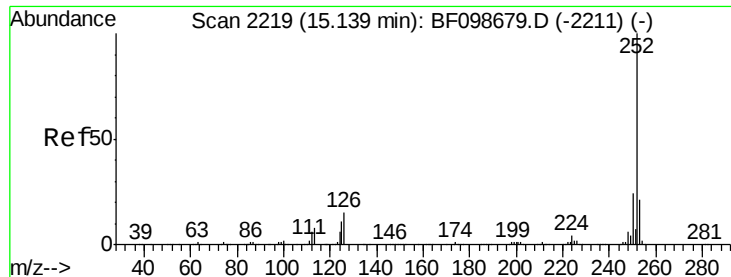
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF098714.D
 Acq: 22 Sep 2017 23:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 27.68 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

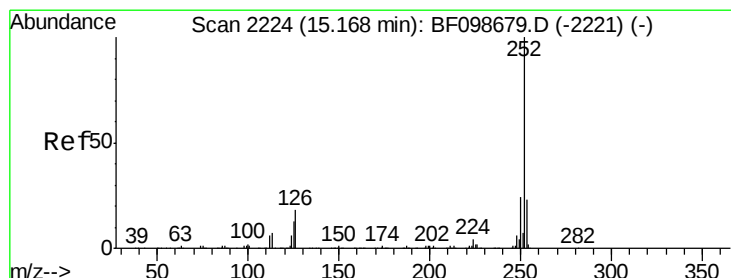
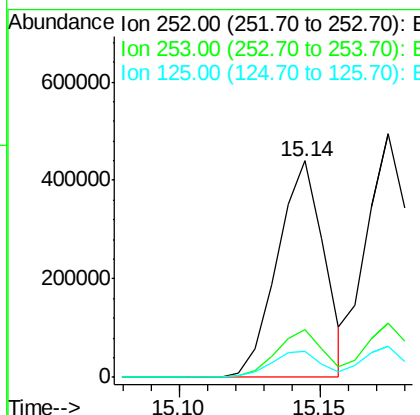
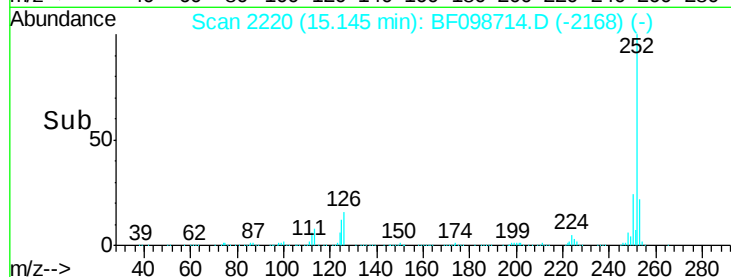
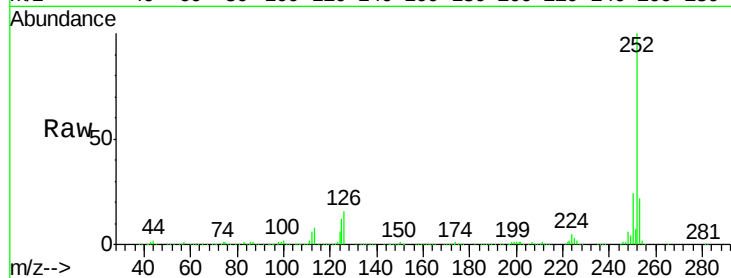
Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

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

Tot Ion:252 Resp: 505134

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.1	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 28.13 ng

RT: 15.17 min Scan# 2225

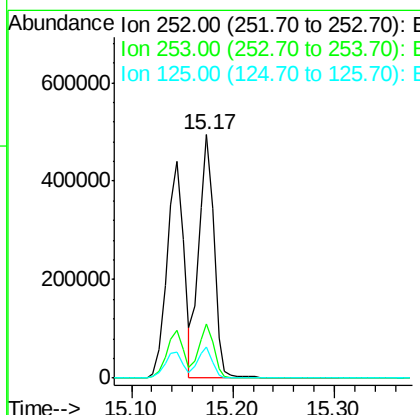
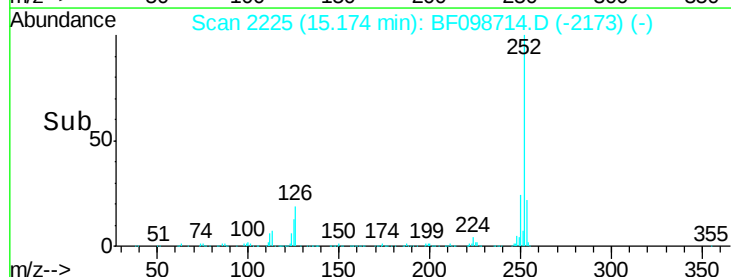
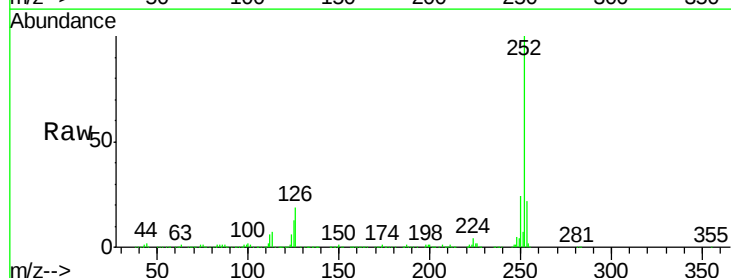
Delta R.T. 0.01 min

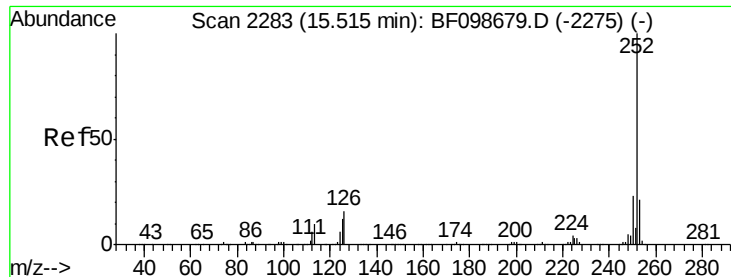
Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Tgt Ion:252 Resp: 513002

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.7	10.2	15.2

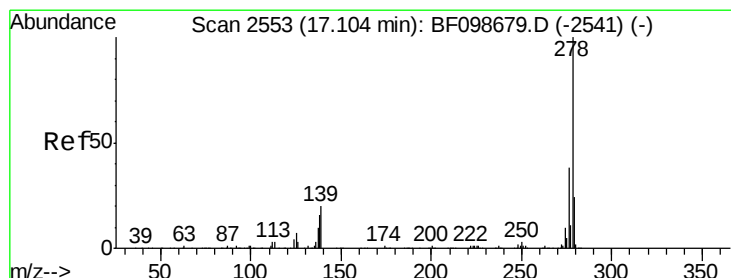
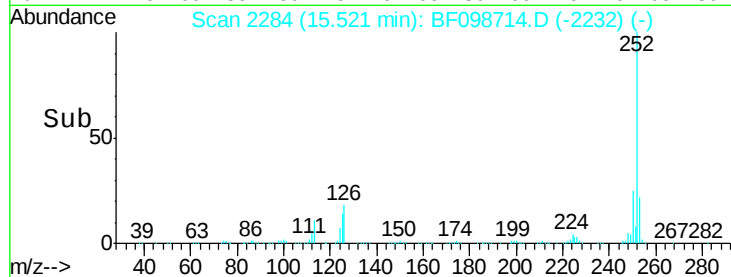
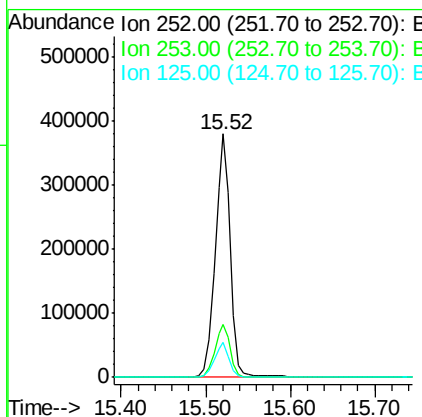
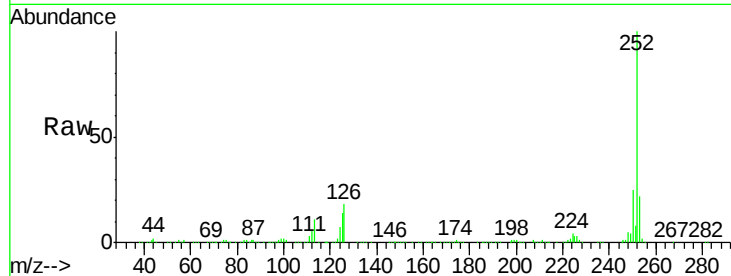




#89
Benzo(a)pyrene
Concen: 28.86 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

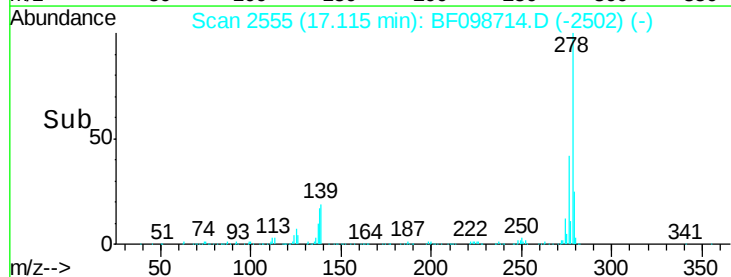
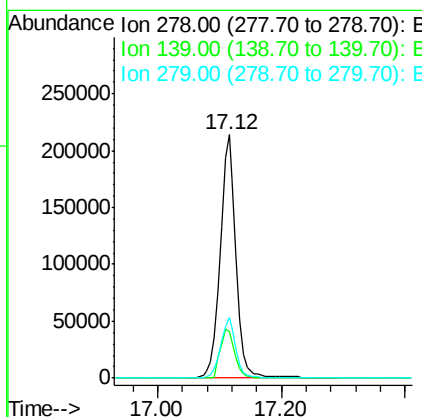
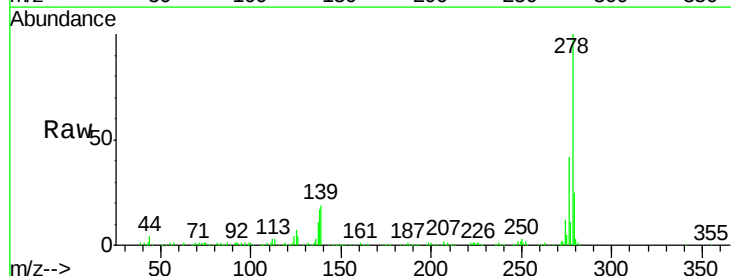
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

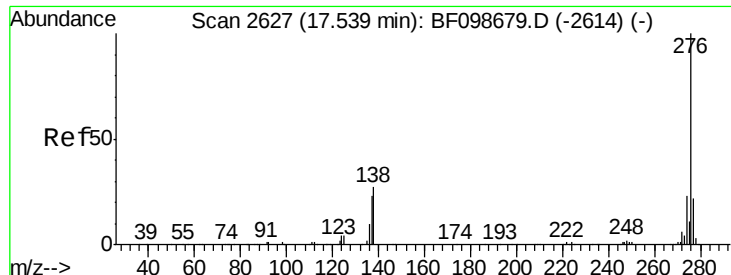
Tot Ion:252 Resp: 478211
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 14.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 27.12 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF098714.D
Acq: 22 Sep 2017 23:38

Tgt Ion:278 Resp: 380075
Ion Ratio Lower Upper
278 100
139 19.0 15.9 23.9
279 24.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 24.61 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF098714.D

Acq: 22 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

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

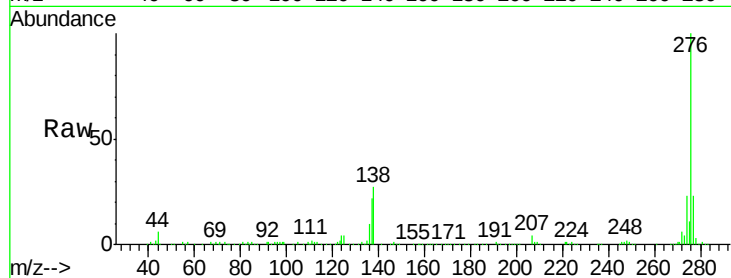
Tot Ion: 276 Resp: 346700

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 27.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

