

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
 Data File : BF098651.D
 Acq On : 19 Sep 2017 19:52
 Operator : SJ/JU
 Sample : I5276-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(5-10)

Quant Time: Sep 20 01:22:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

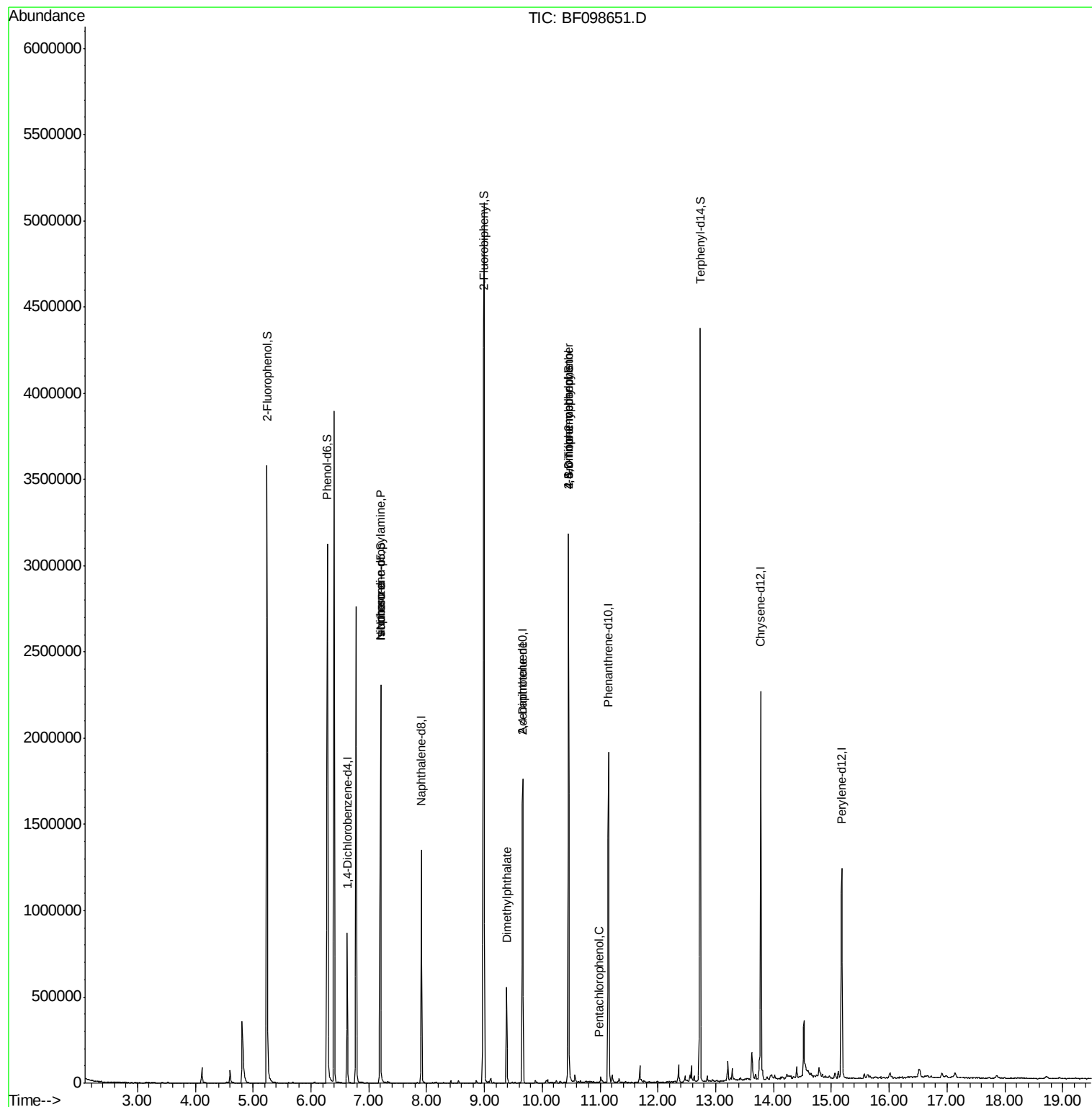
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	133633	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	588574	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	372604	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	691793	20.00	ng	0.00
75) Chrysene-d12	13.78	240	723927	20.00	ng	0.00
86) Perylene-d12	15.18	264	520132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1052025	116.40	ng	0.00
7) Phenol-d6	6.29	99	1389897	121.12	ng	0.00
23) Nitrobenzene-d5	7.20	82	862923	81.74	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	386479	155.41	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1792249	81.53	ng	0.00
78) Terphenyl-d14	12.73	244	1741452	51.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	117775	16.32	ng	# 81
25) Isophorone	7.20	82	862916	40.40	ng	# 67
49) Dimethylphthalate	9.39	163	223000	7.73	ng	99
56) 2,4-Dinitrotoluene	9.66	165	47515	6.60	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.46	198	1078	5.19	ng	# 10
66) 4-Bromophenyl-phenylether	10.46	248	30070	4.58	ng	# 1
69) Pentachlorophenol	10.99	266	233	7.01	ng	# 1

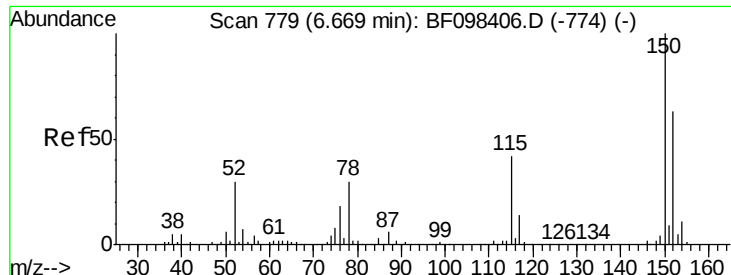
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
Data File : BF098651.D
Acq On : 19 Sep 2017 19:52
Operator : SJ/JU
Sample : I5276-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(5-10)

Quant Time: Sep 20 01:22:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration



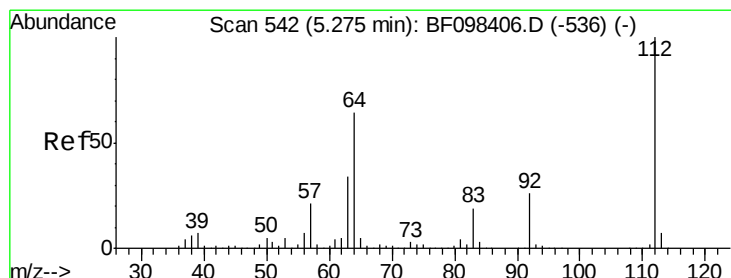
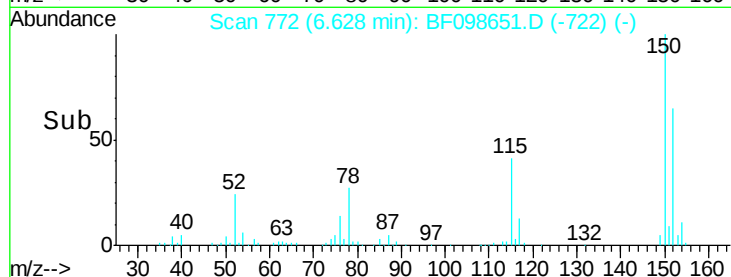
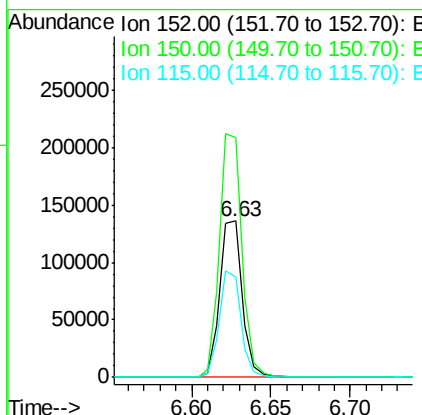
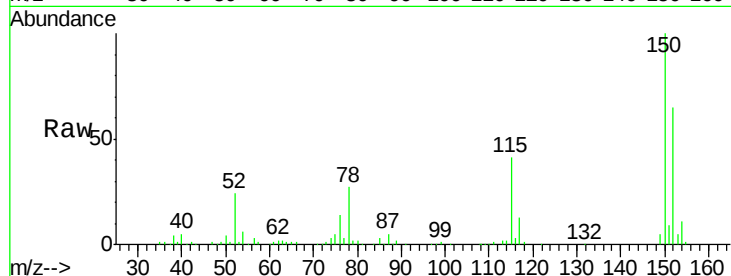


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF098651.D
Acq: 19 Sep 2017 19:52

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(5-10)

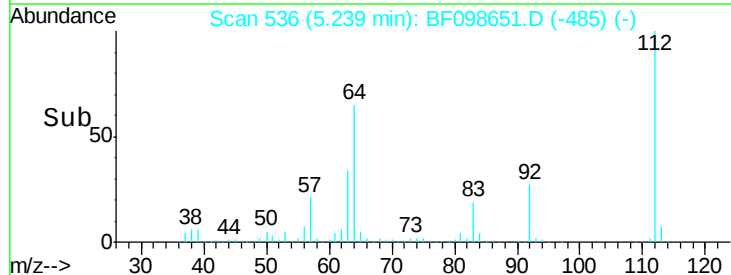
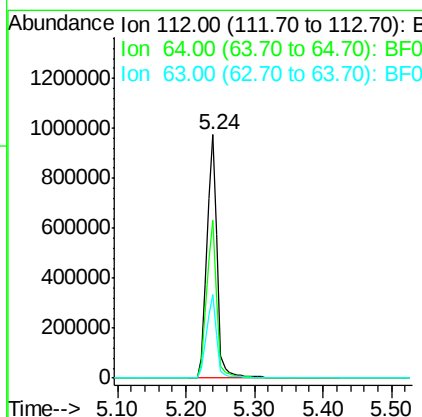
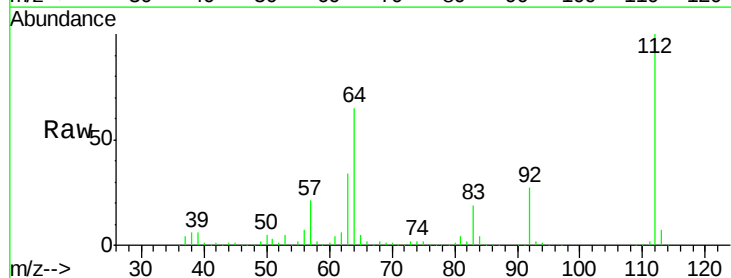
Tot Ion:152 Resp: 133633
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 63.7 52.2 78.2



#5

2-Fluorophenol
Concen: 116.40 ng
RT: 5.24 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF098651.D
Acq: 19 Sep 2017 19:52

Tgt Ion:112 Resp: 1052025
Ion Ratio Lower Upper
112 100
64 64.6 46.0 69.0
63 34.1 23.4 35.0





#7

Phenol-d6

Concen: 121.12 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098651.D

Acq: 19 Sep 2017 19:52

Instrument :

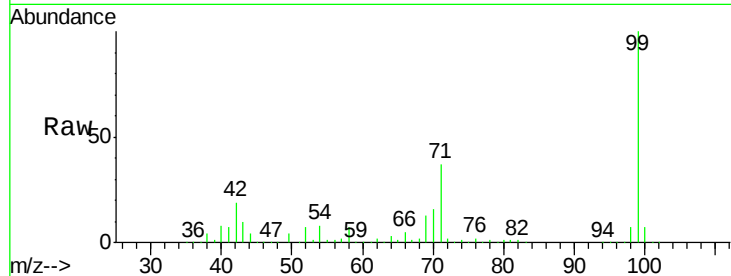
BNA_F

ClientSampleId :

SASP2P-ENV-117-4(5-10)

Tot Ion: 99 Resp: 1389897

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.5	20.3
71	36.6	24.5	36.7

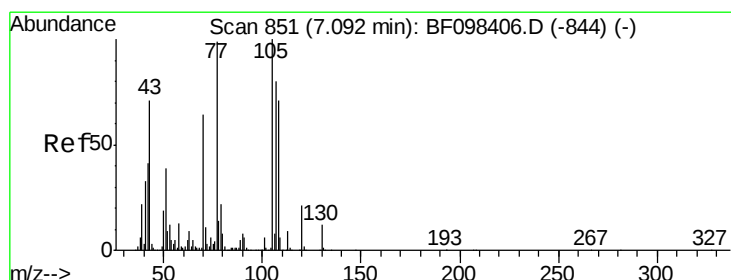
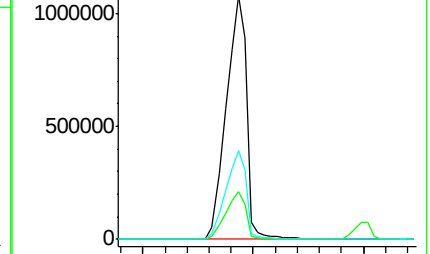
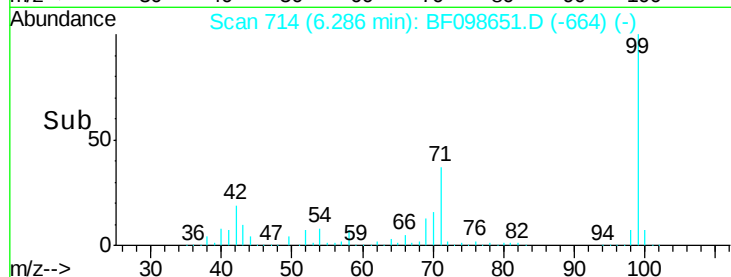


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.32 ng

RT: 7.20 min Scan# 870

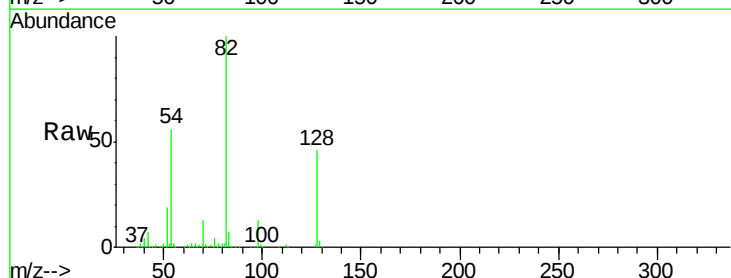
Delta R.T. 0.15 min

Lab File: BF098651.D

Acq: 19 Sep 2017 19:52

Tgt Ion: 70 Resp: 117775

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



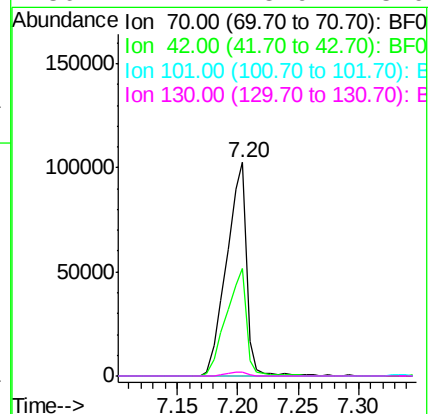
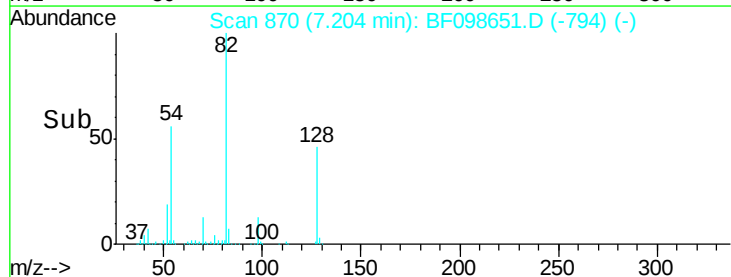
Abundance

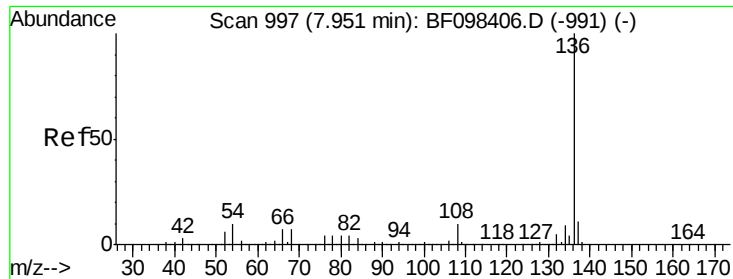
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF098651.D

Acq: 19 Sep 2017 19:52

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(5-10)

Tot Ion:136 Resp: 588574

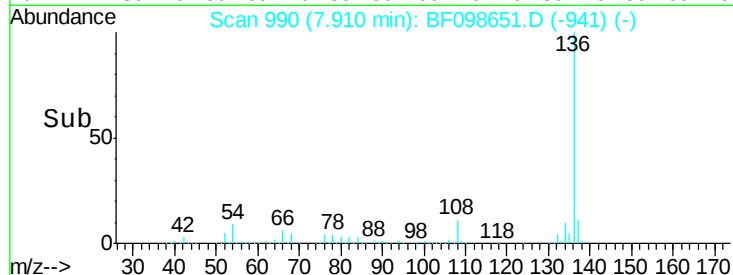
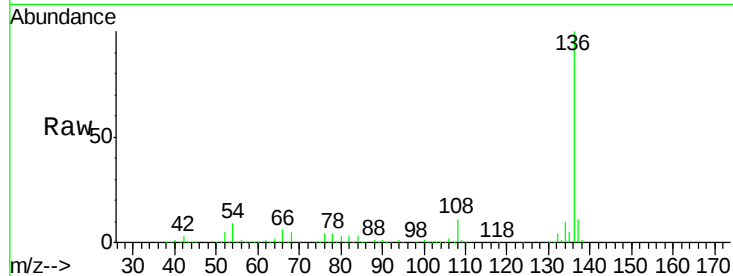
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.7 4.9 7.3#

68 5.1 4.1 6.1

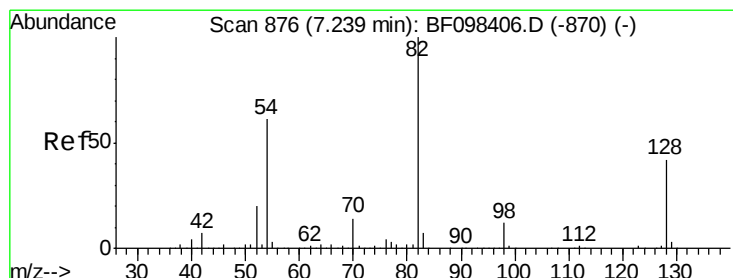
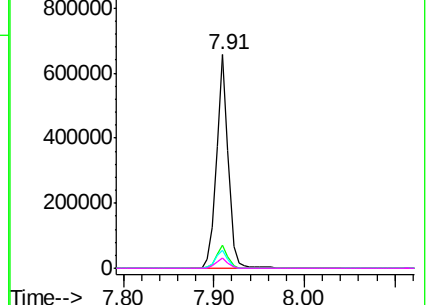


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 81.74 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF098651.D

Acq: 19 Sep 2017 19:52

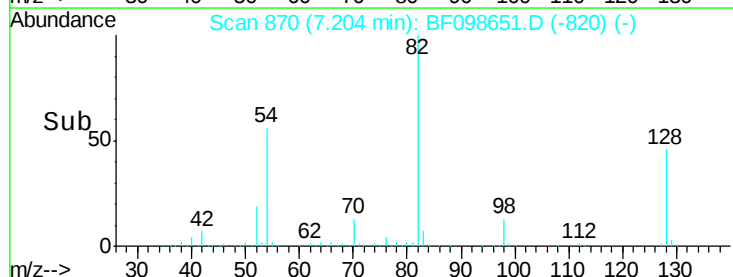
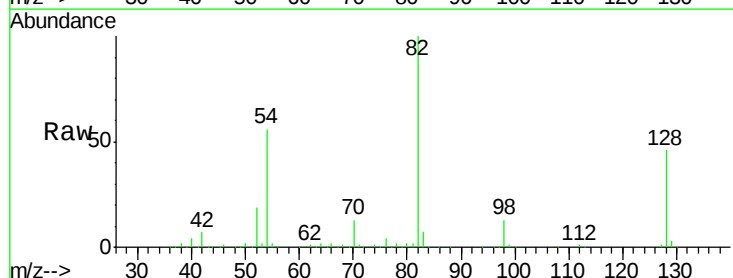
Tgt Ion: 82 Resp: 862923

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

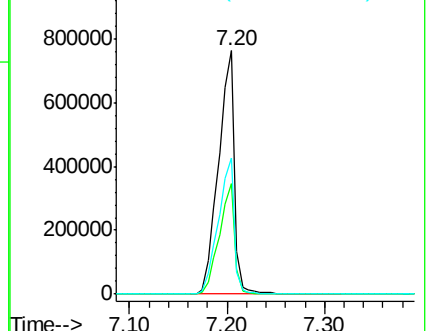
54 55.7 42.2 63.2

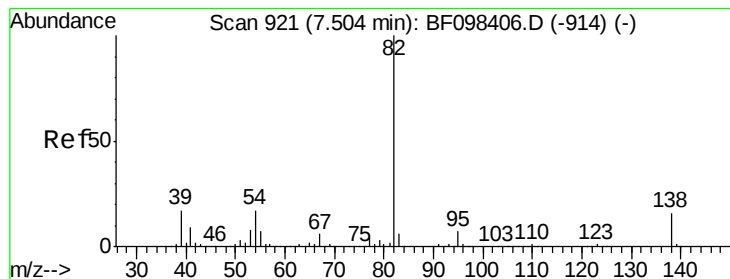


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.40 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.26 min

Lab File: BF098651.D

Acq: 19 Sep 2017 19:52

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(5-10)

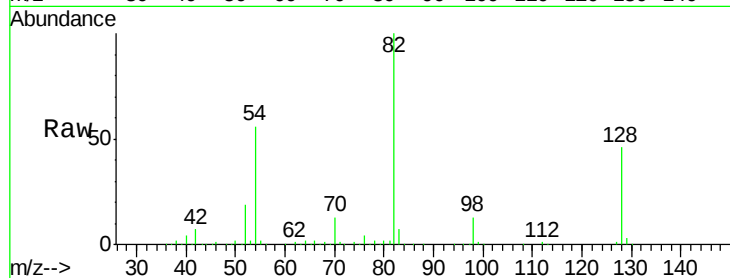
Tot Ion: 82 Resp: 862916

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

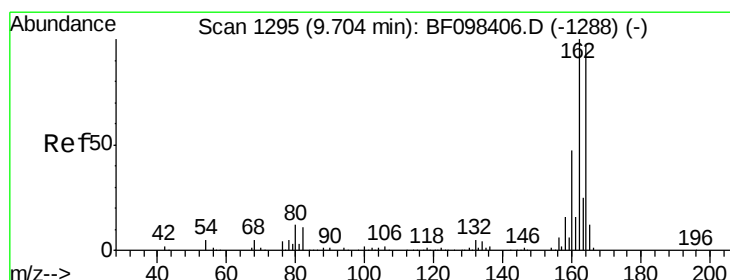
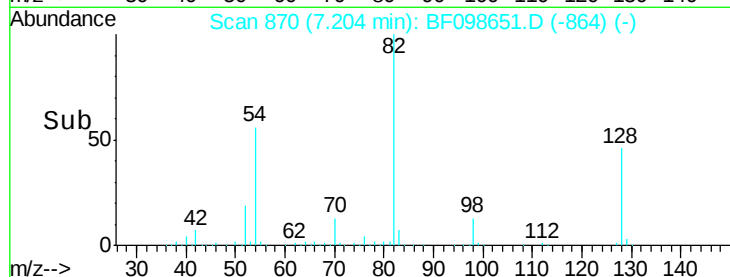
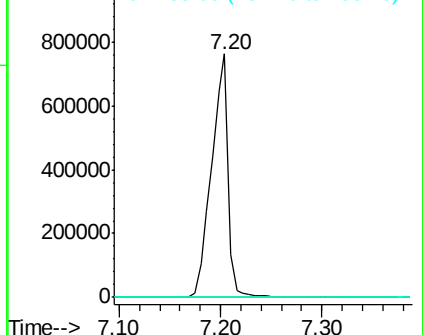
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF098651.D

Acq: 19 Sep 2017 19:52

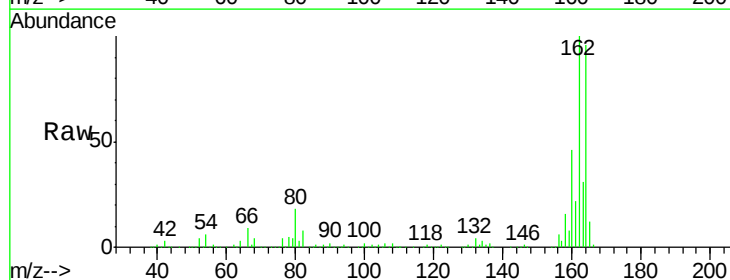
Tgt Ion: 164 Resp: 372604

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

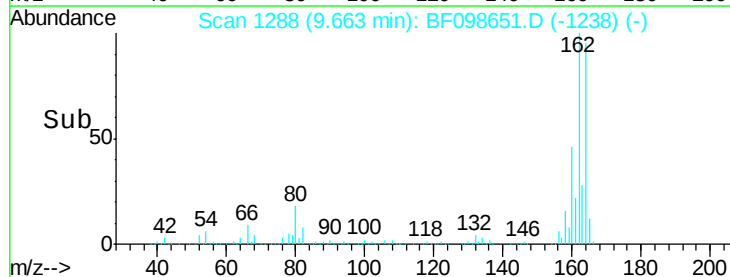
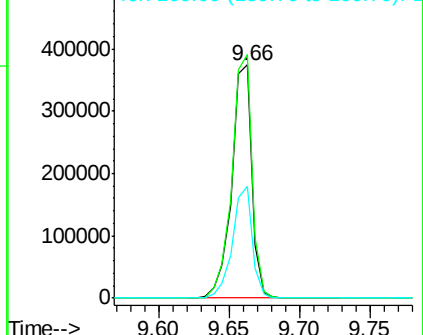
160 48.0 36.2 54.2

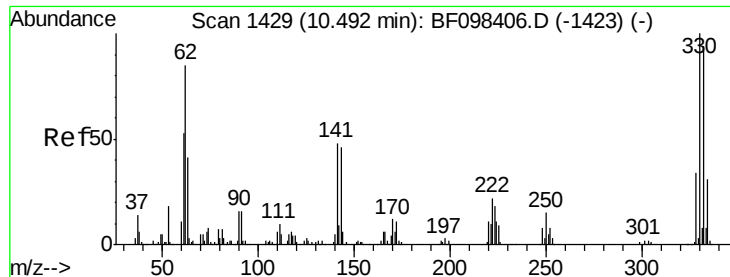


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 155.41 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF098651.D

Acq: 19 Sep 2017 19:52

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(5-10)

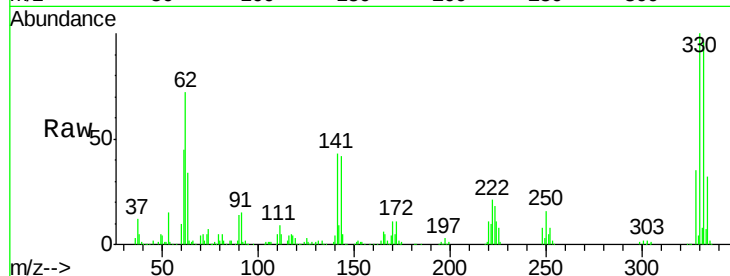
Tot Ion:330 Resp: 386479

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

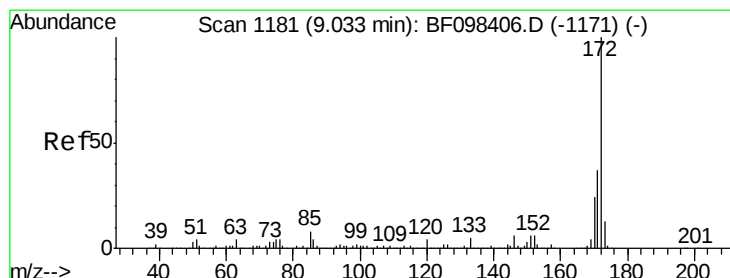
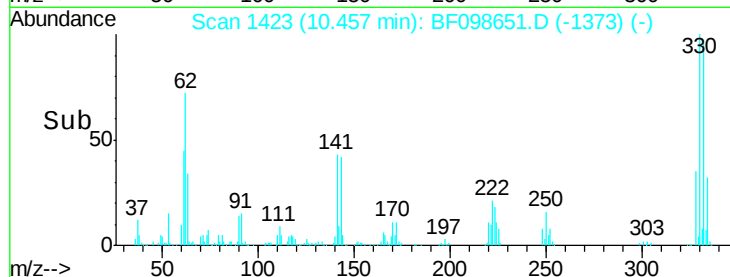
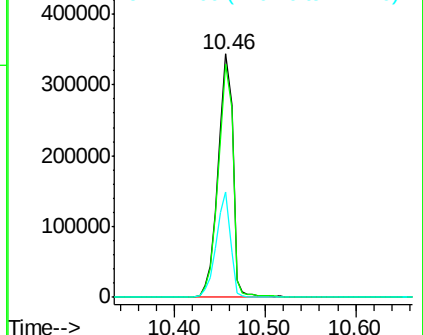
141 42.3 31.4 47.2



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



#44

2-Fluorobiphenyl

Concen: 81.53 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF098651.D

Acq: 19 Sep 2017 19:52

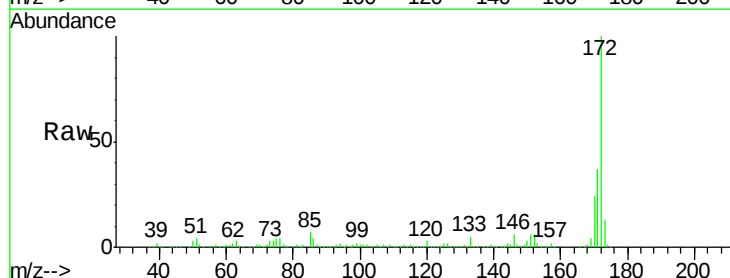
Tgt Ion:172 Resp: 1792249

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

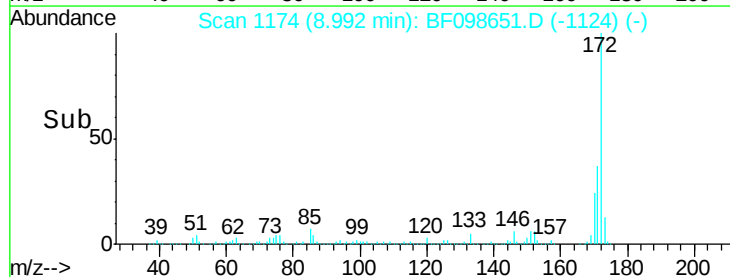
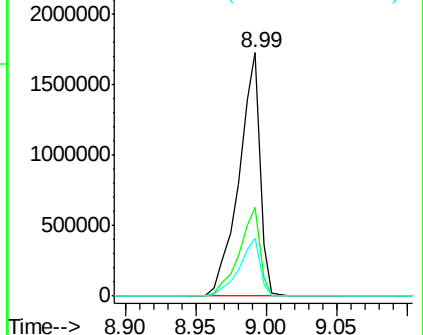
170 24.0 19.8 29.8

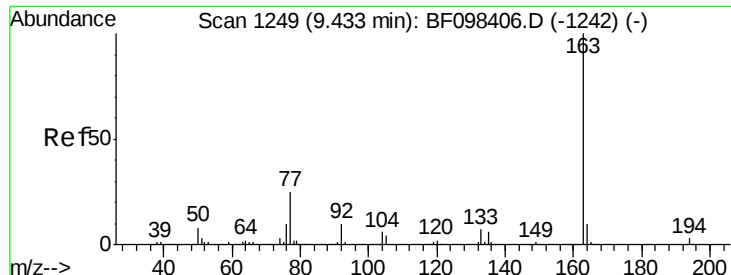


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

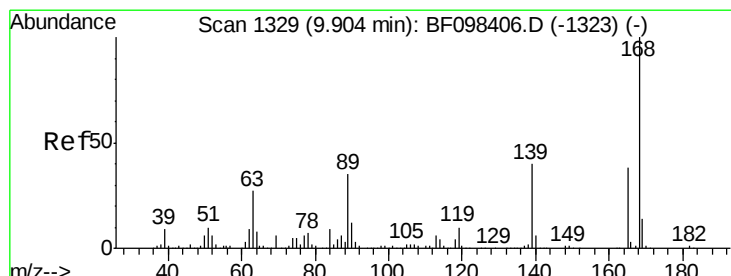
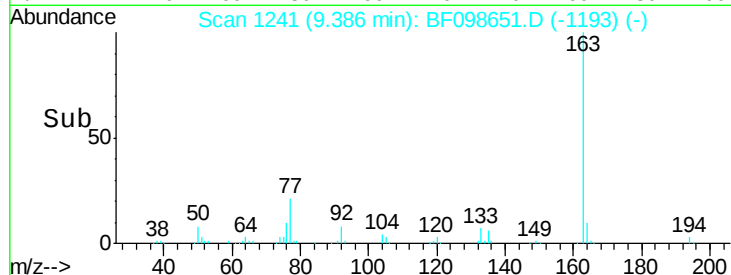
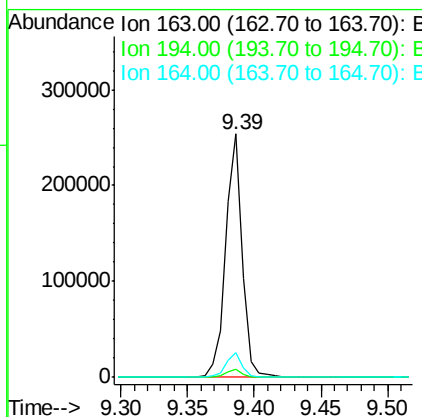
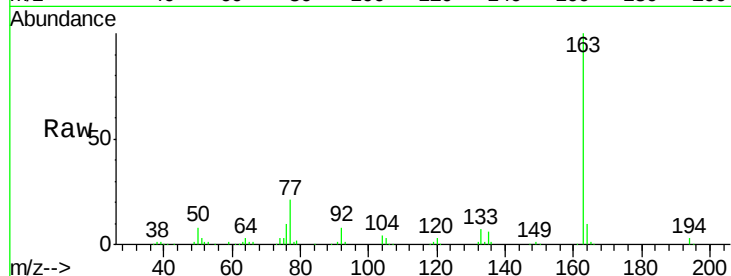




#49
Dimethylphthalate
Concen: 7.73 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BF098651.D
Acq: 19 Sep 2017 19:52

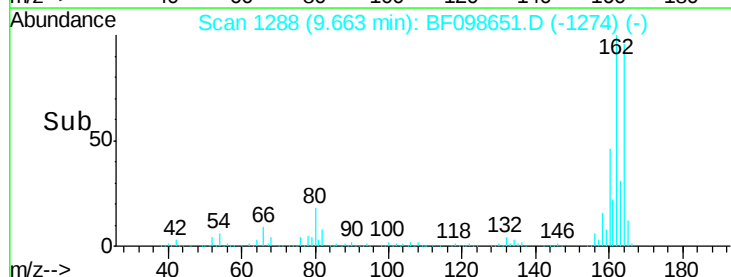
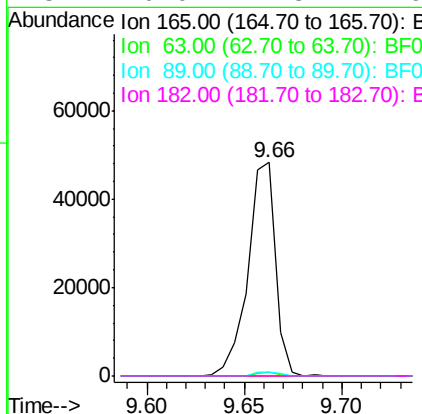
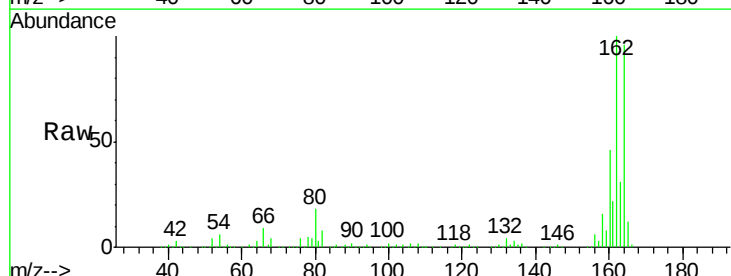
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(5-10)

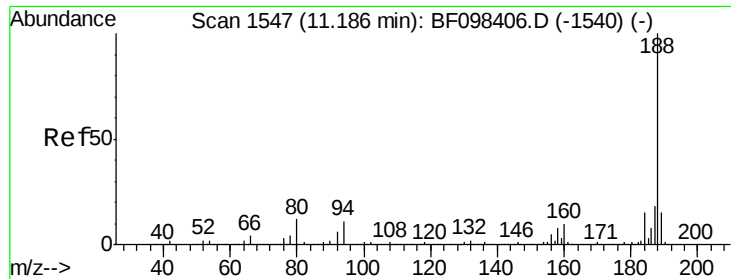
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.22 min
Lab File: BF098651.D
Acq: 19 Sep 2017 19:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#

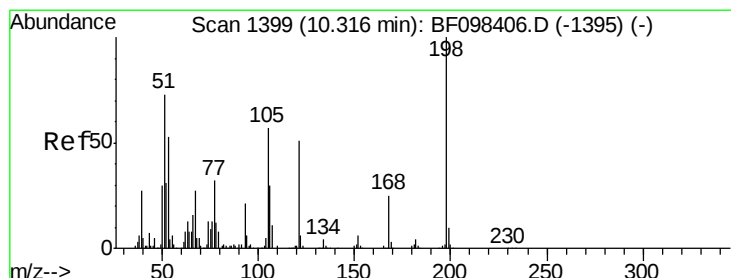
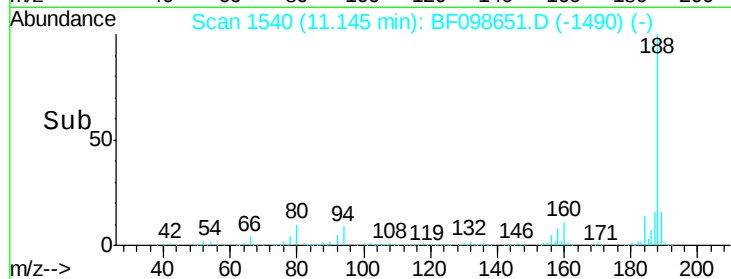
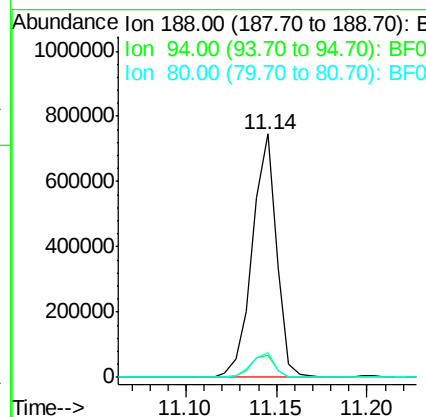
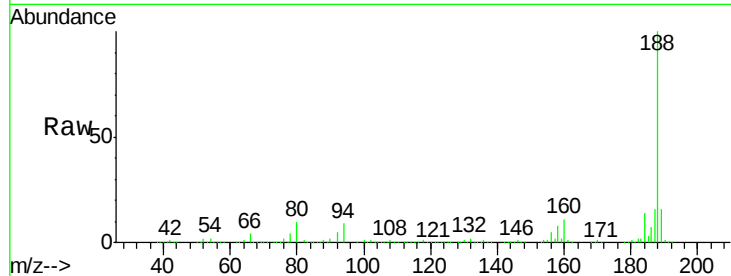




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF098651.D
 Acq: 19 Sep 2017 19:52

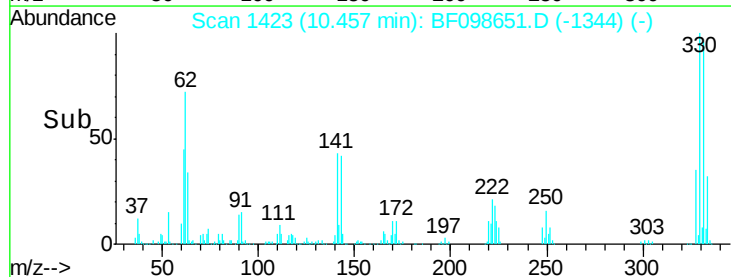
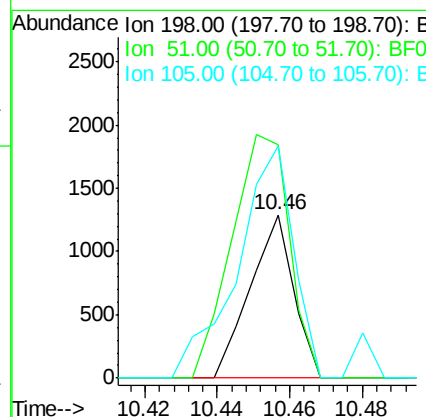
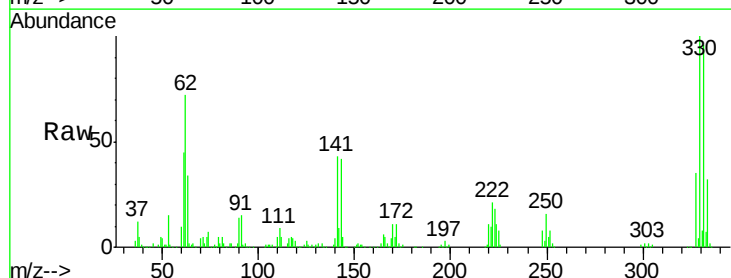
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-117-4(5-10)

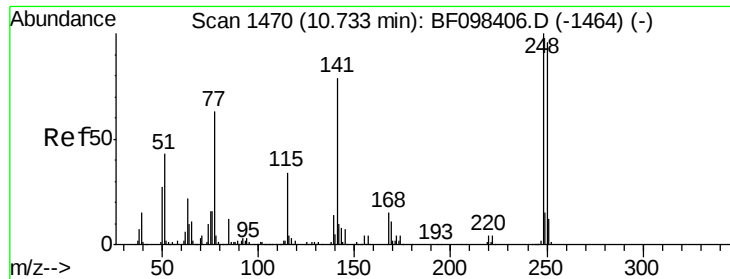
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	10.1	10.2	15.2#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.19 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.16 min
 Lab File: BF098651.D
 Acq: 19 Sep 2017 19:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	143.4	53.2	93.2#
105	142.4	45.8	85.8#

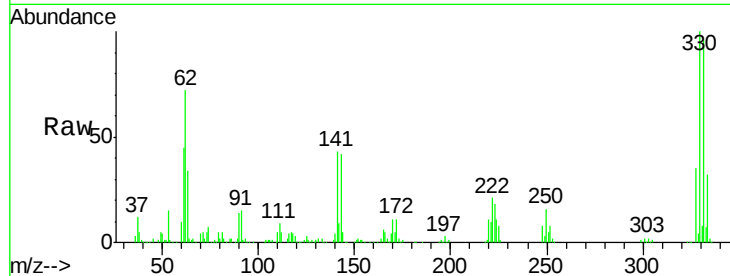




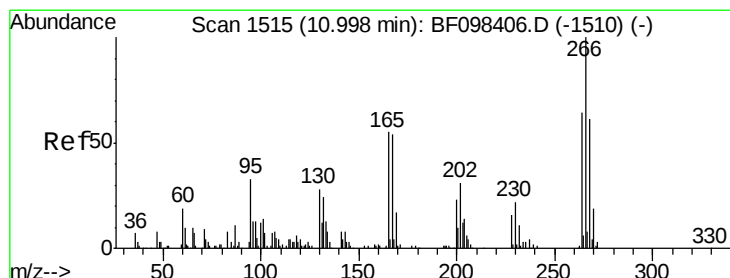
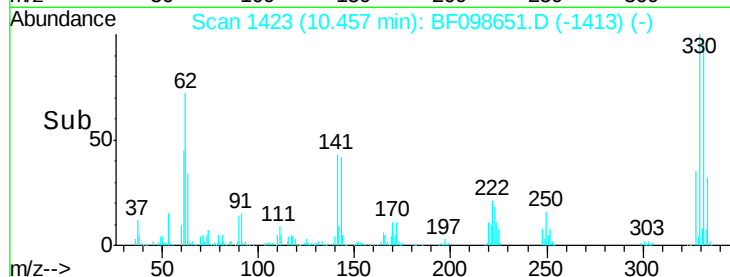
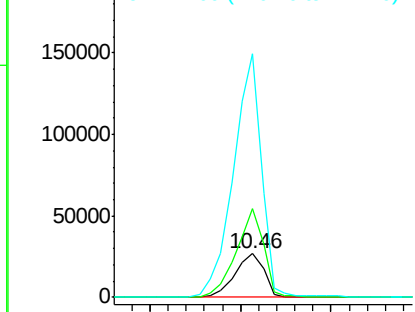
#66
4-Bromophenyl-phenylether
Concen: 4.58 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.24 min
Lab File: BF098651.D
Acq: 19 Sep 2017 19:52

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(5-10)

Tot Ion:248 Resp: 30070
Ion Ratio Lower Upper
248 100
250 203.3 76.8 115.2#
141 561.1 68.6 103.0#

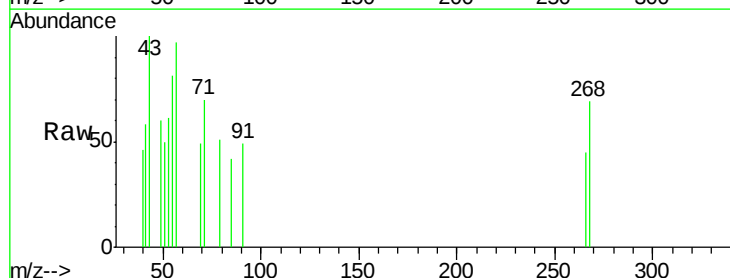


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

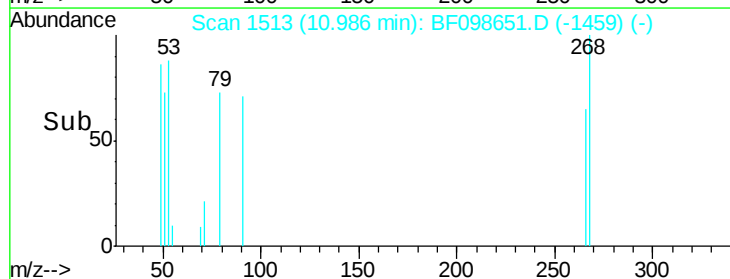
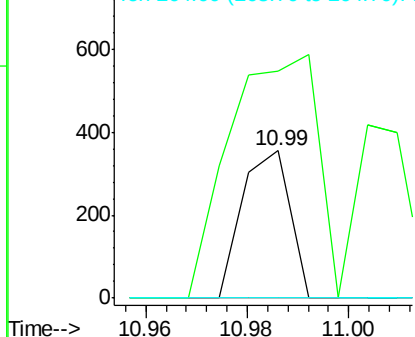


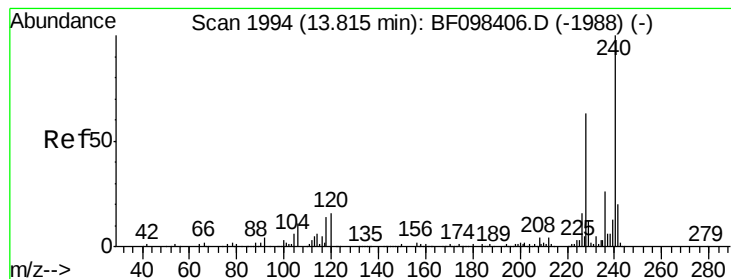
#69
Pentachlorophenol
Concen: 7.01 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BF098651.D
Acq: 19 Sep 2017 19:52

Tgt Ion:266 Resp: 233
Ion Ratio Lower Upper
266 100
268 153.9 51.1 76.7#
264 0.0 51.7 77.5#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF098651.D

Acq: 19 Sep 2017 19:52

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-117-4(5-10)

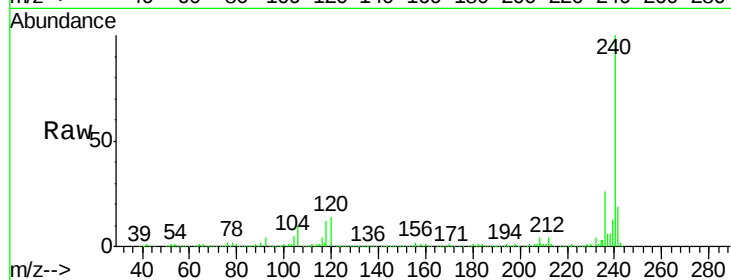
Tot Ion:240 Resp: 723927

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

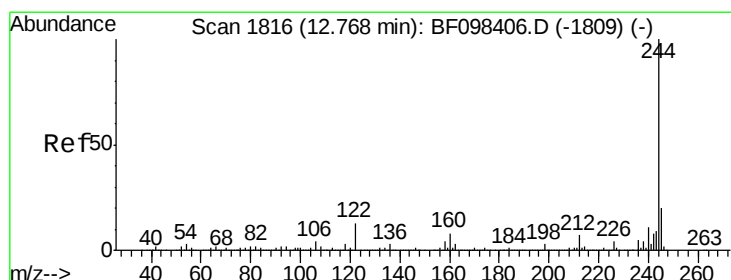
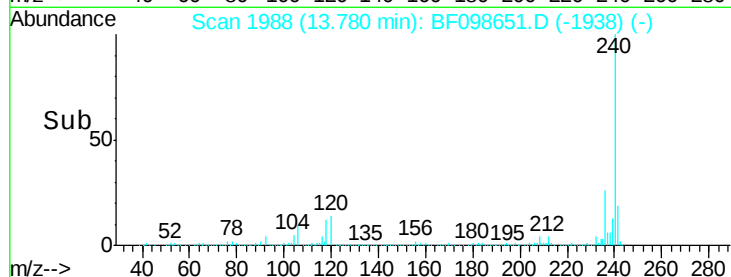
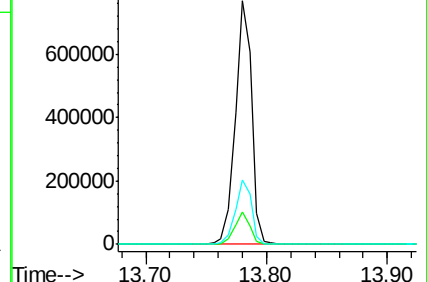
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 51.92 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098651.D

Acq: 19 Sep 2017 19:52

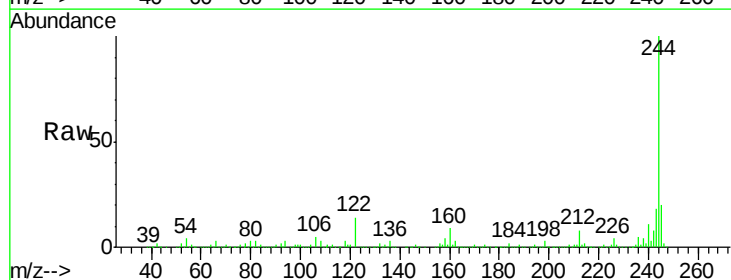
Tgt Ion:244 Resp: 1741452

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

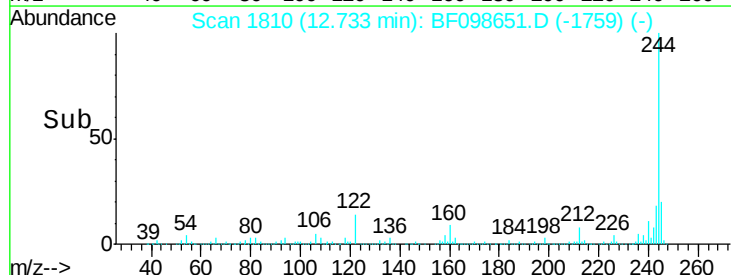
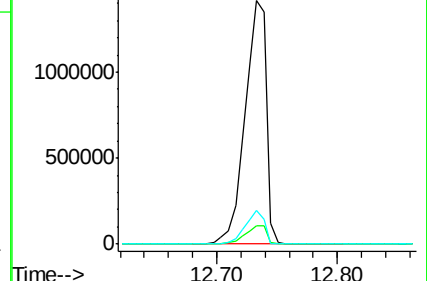
122 13.6 10.3 15.5

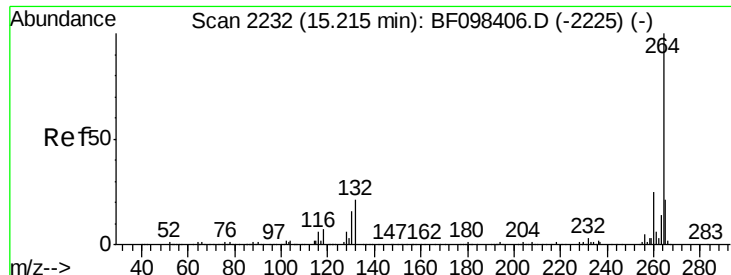


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

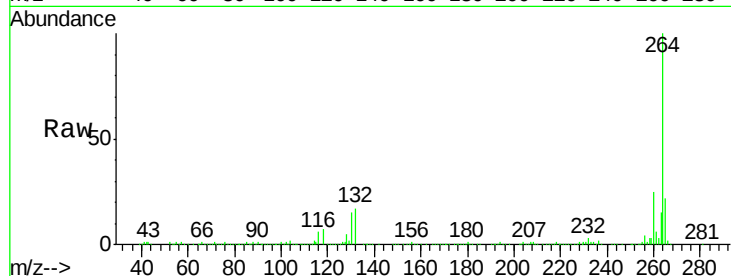




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098651.D
Acq: 19 Sep 2017 19:52

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.9	17.2	25.8



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

