

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098784.D
 Acq On : 25 Sep 2017 15:36
 Operator : SJ/JU
 Sample : I5364-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-17(5-10)

Quant Time: Sep 26 07:05:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

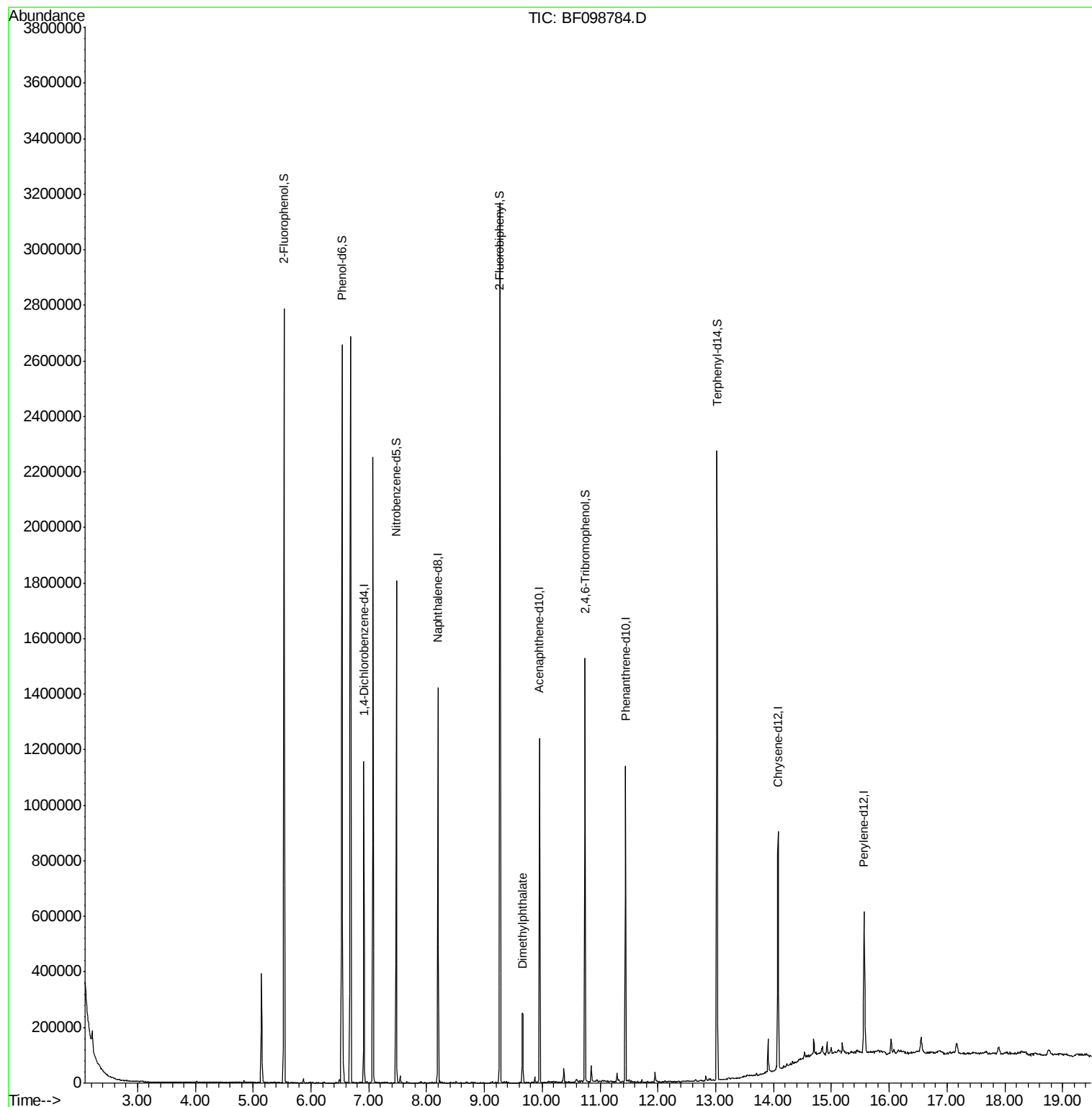
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	145633	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	585841	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	236758	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	350056	20.00	ng	0.00
75) Chrysene-d12	14.08	240	268088	20.00	ng	0.00
86) Perylene-d12	15.57	264	211230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	783727	85.67	ng	0.00
7) Phenol-d6	6.54	99	945509	83.78	ng	0.00
23) Nitrobenzene-d5	7.47	82	543489	59.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	139016	71.76	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	999769	70.50	ng	-0.01
78) Terphenyl-d14	13.02	244	660372	56.02	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	100801	5.641	ng	Qvalue 100

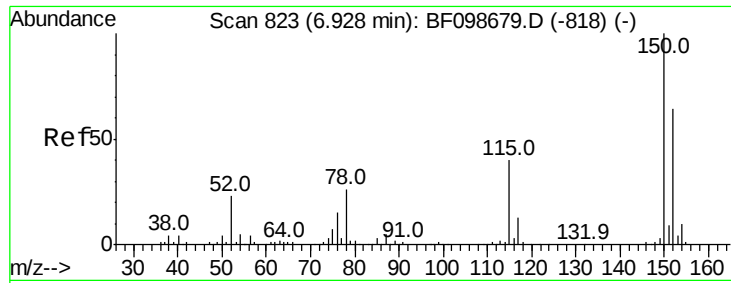
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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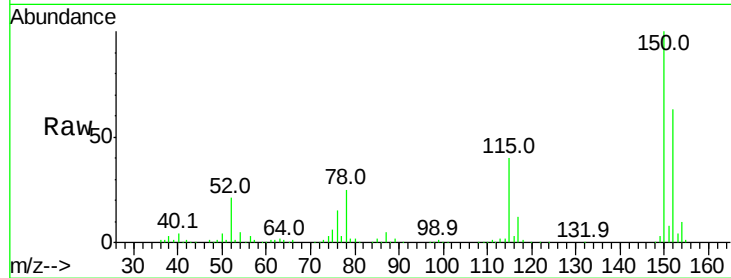


#1

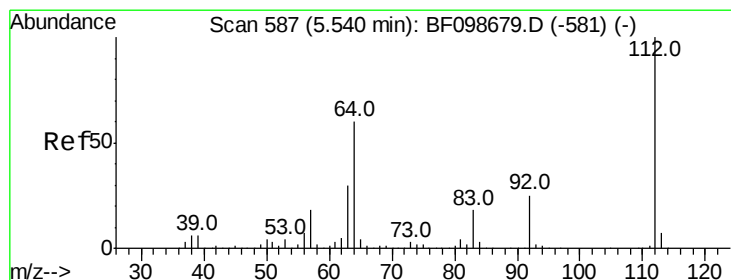
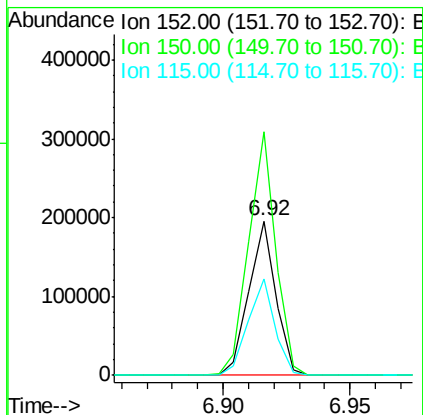
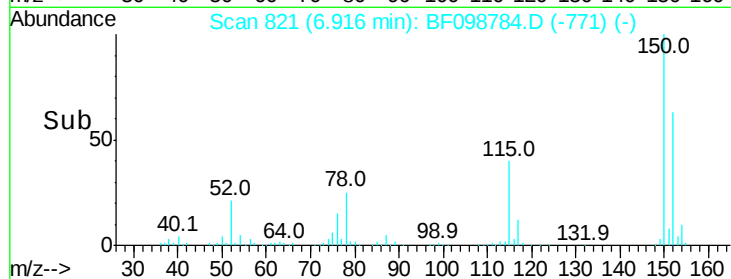
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-17(5-10)

Tot Ion:152 Resp: 145633
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 62.2 50.1 75.1



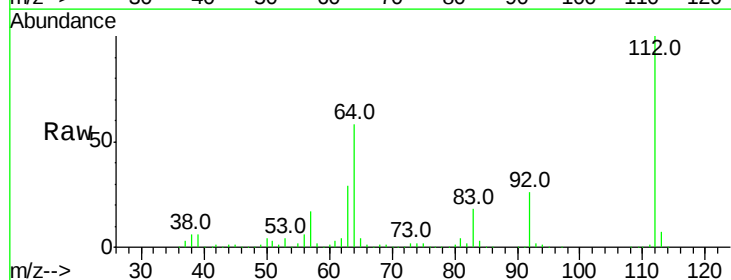
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



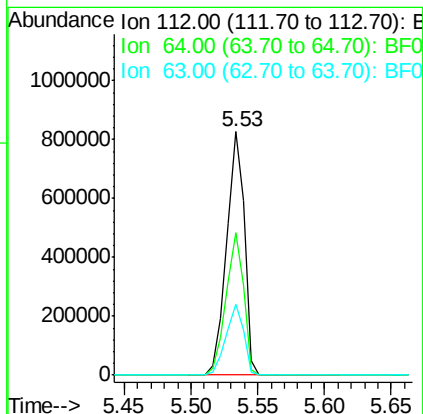
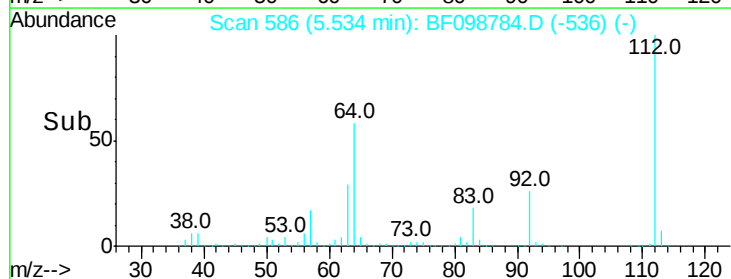
#5

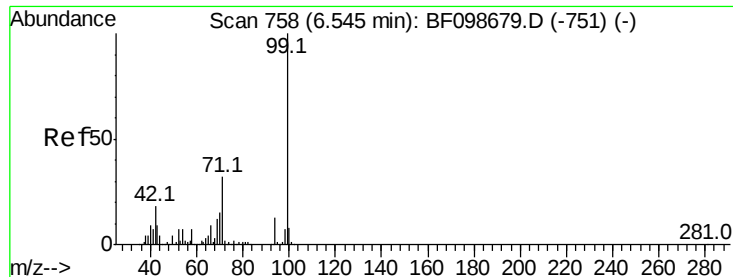
2-Fluorophenol
 Concen: 85.668 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Tgt Ion:112 Resp: 783727
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.9 71.9
 63 29.3 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





#7

Phenol-d6

Concen: 83.780 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-125-17(5-10)

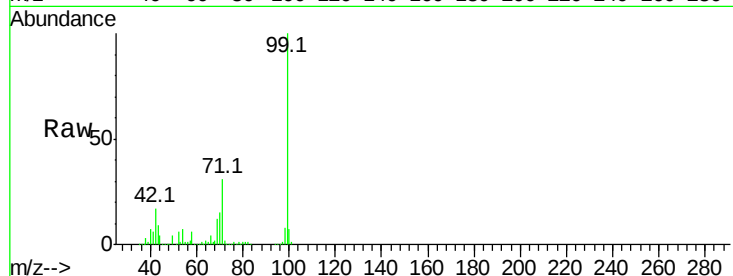
Tot Ion: 99 Resp: 945509

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

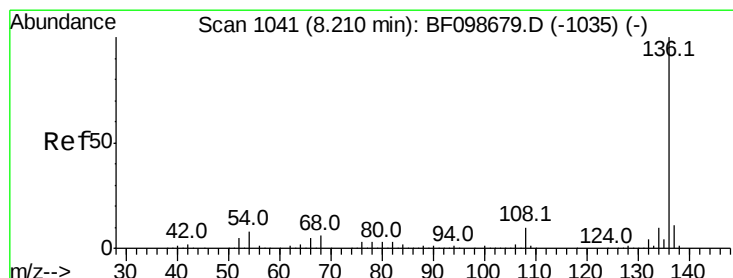
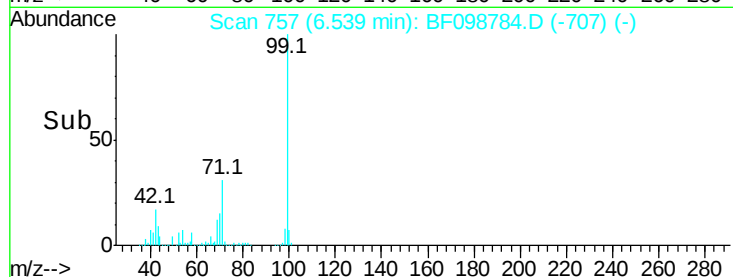
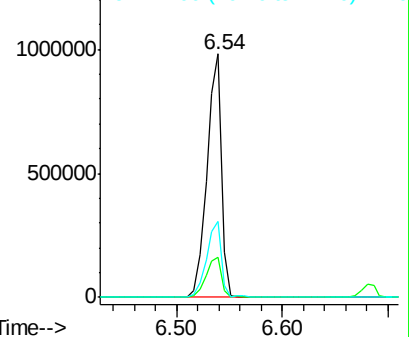
71 31.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

Tgt Ion: 136 Resp: 585841

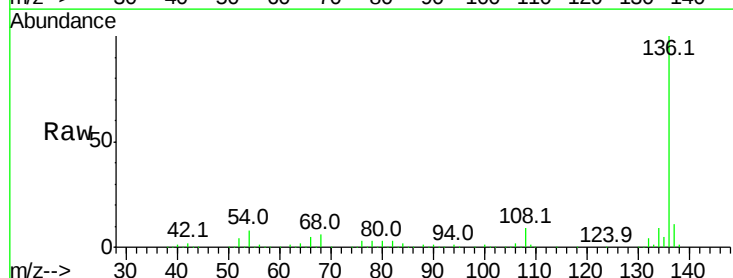
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.6 6.6 9.8

68 5.6 5.0 7.4

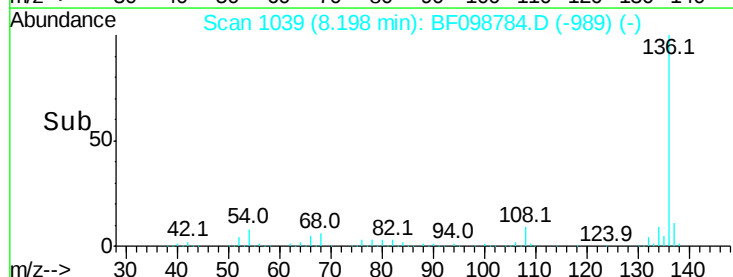
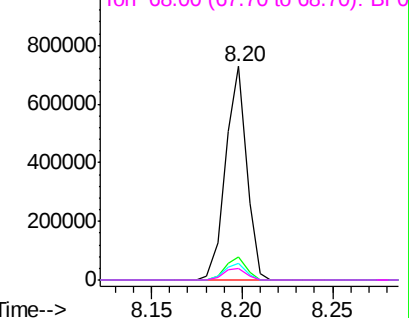


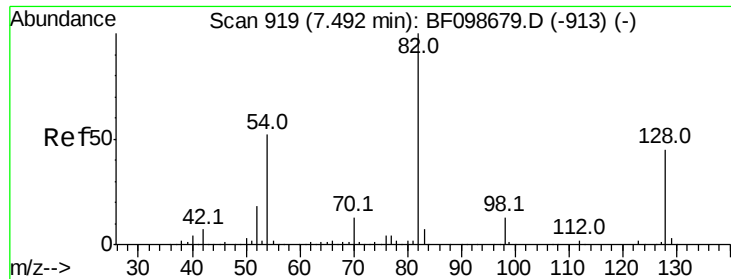
Abundance Ion 136.00 (135.70 to 136.70): E

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

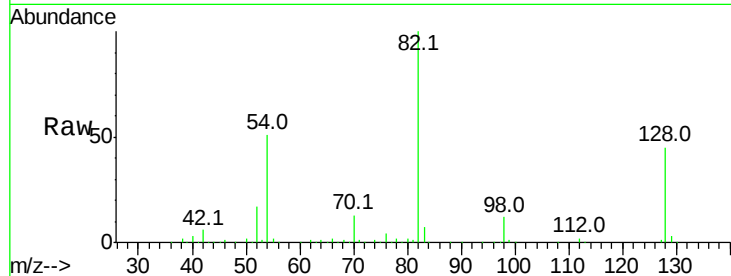




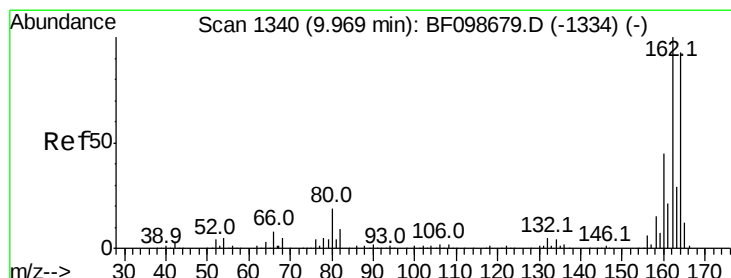
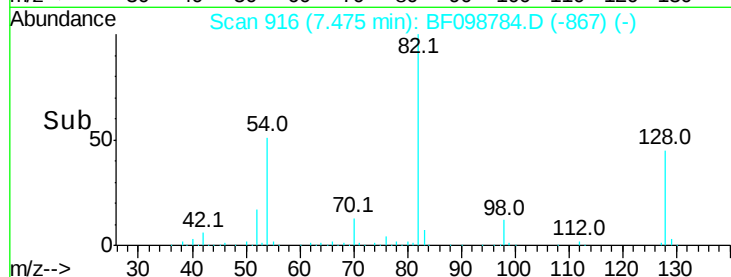
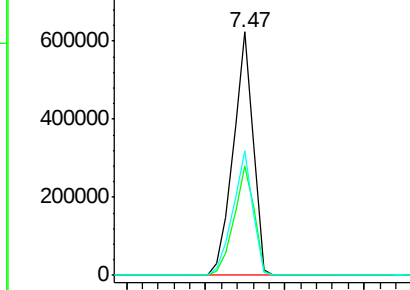
#23
 Nitrobenzene-d5
 Concen: 59.494 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-17(5-10)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	51.1	41.4	62.2

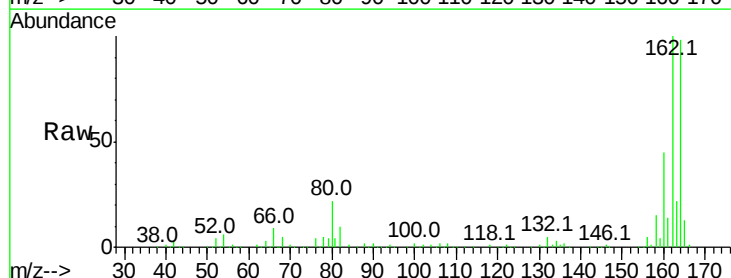


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

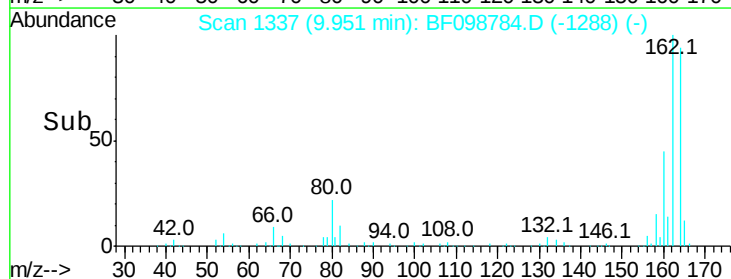
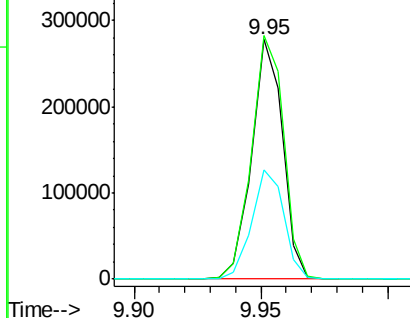


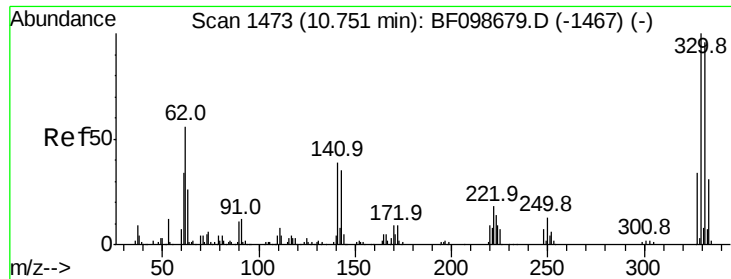
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.6	38.3	57.5



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

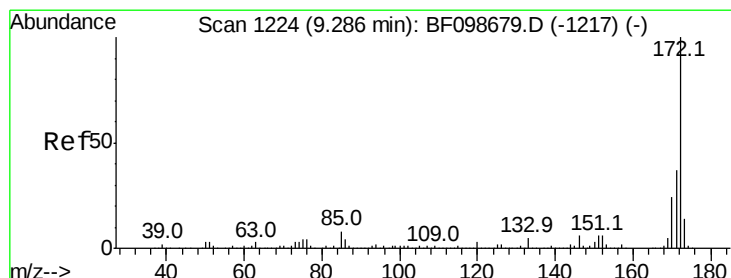
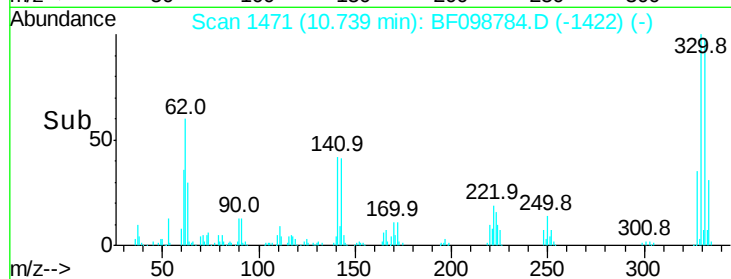
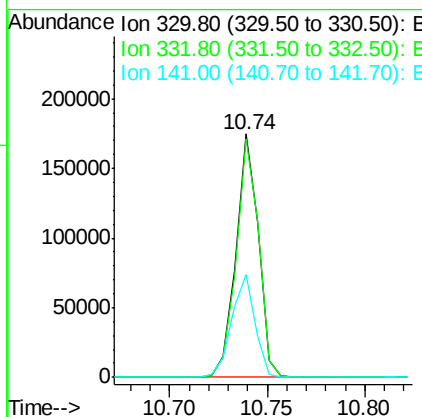
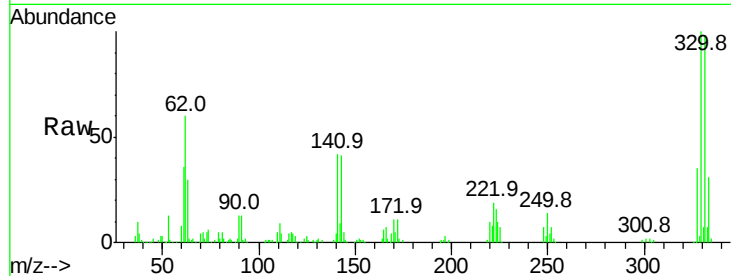




#41
 2,4,6-Tribromophenol
 Concen: 71.757 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

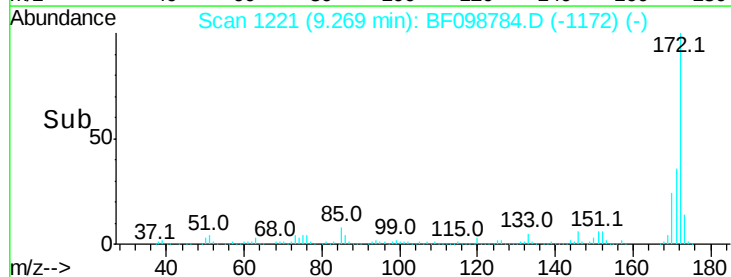
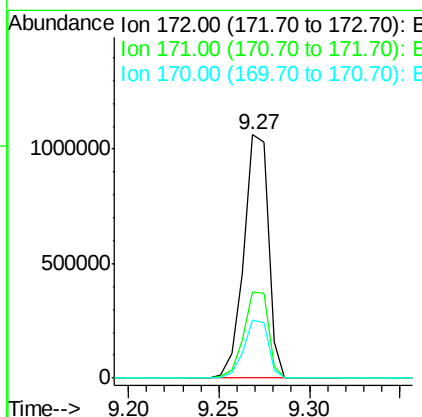
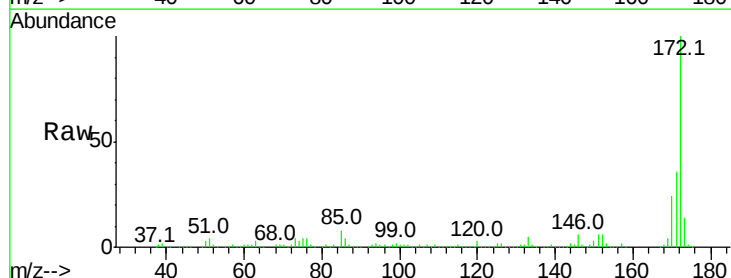
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-17(5-10)

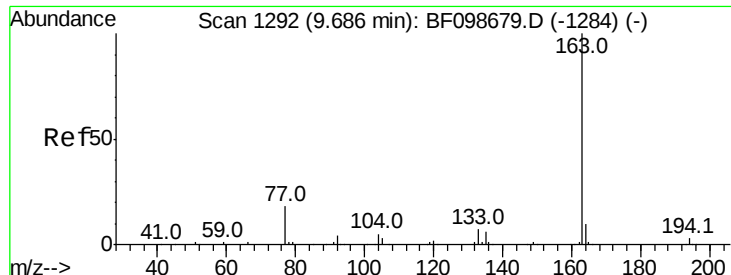
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	44.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 70.495 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4

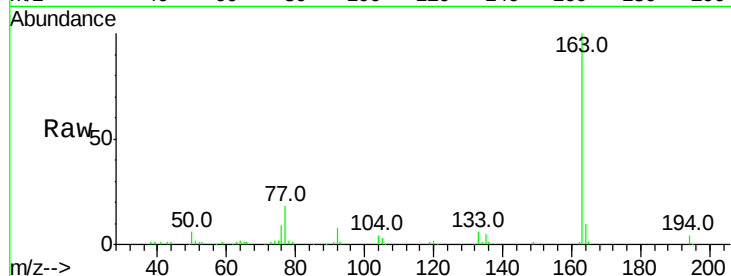




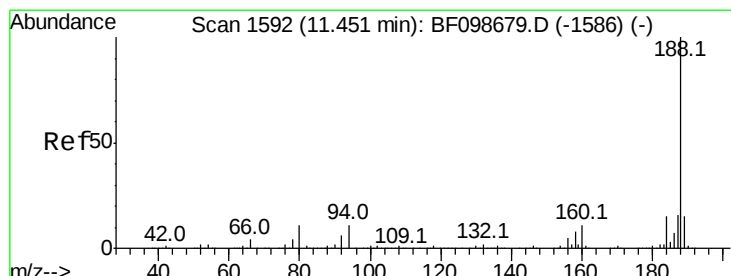
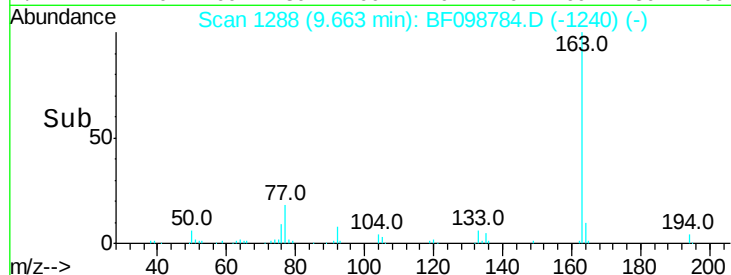
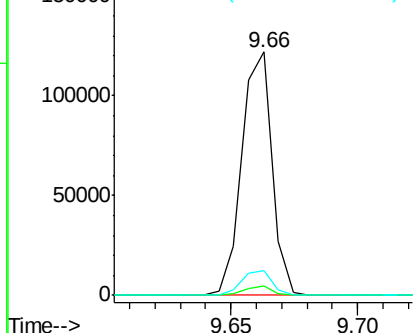
#49
Dimethylphthalate
Concen: 5.641 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098784.D
Acq: 25 Sep 2017 15:36

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-17(5-10)

Tot Ion:163 Resp: 100801
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2

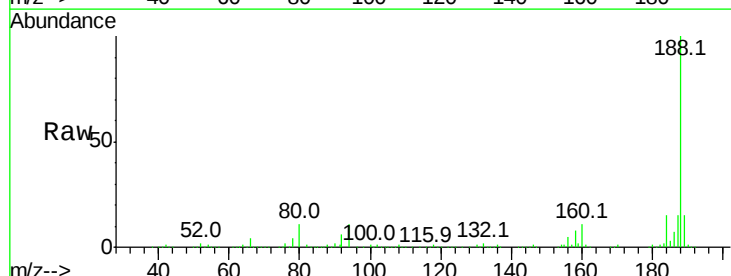


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

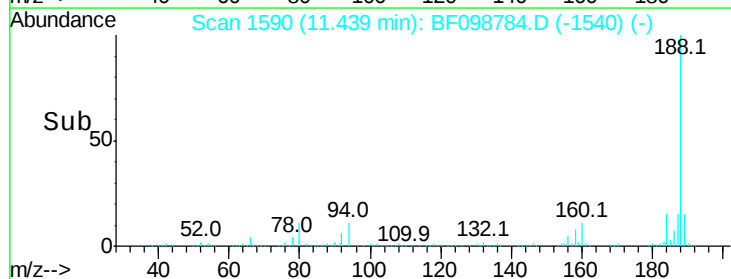
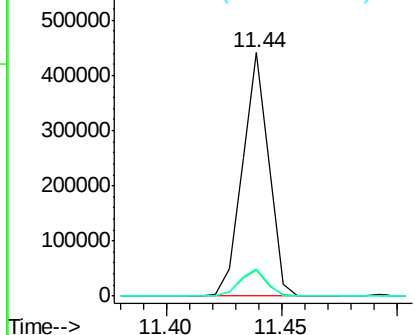


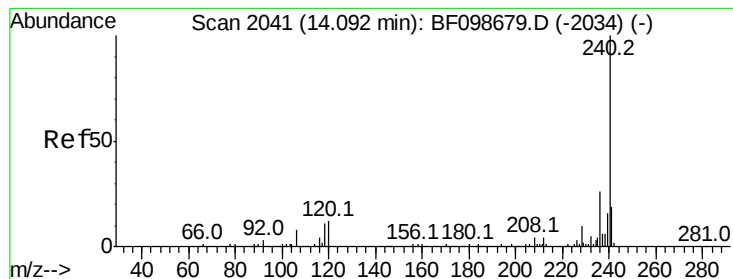
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098784.D
Acq: 25 Sep 2017 15:36

Tgt Ion:188 Resp: 350056
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.4 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-125-17(5-10)

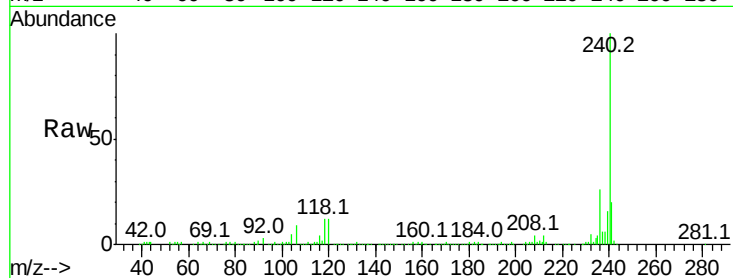
Tot Ion:240 Resp: 268088

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

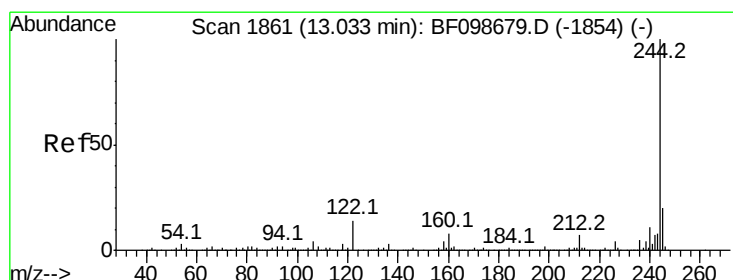
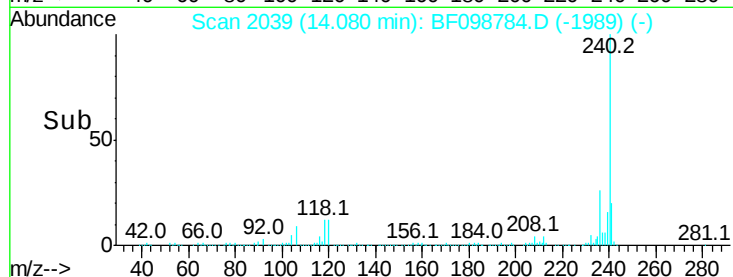
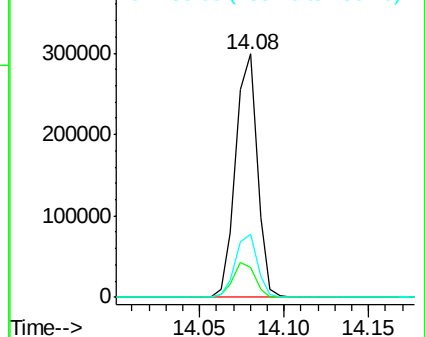
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 56.020 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098784.D

Acq: 25 Sep 2017 15:36

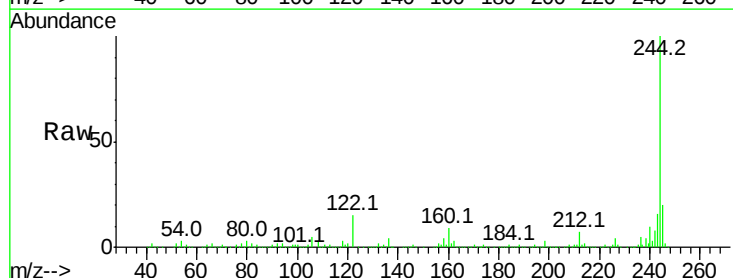
Tgt Ion:244 Resp: 660372

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

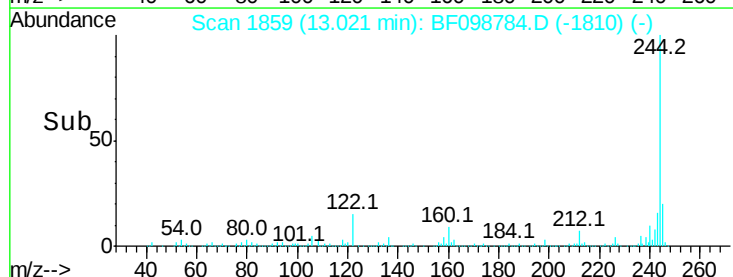
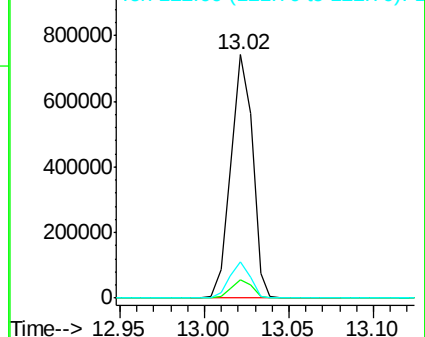
122 14.9 11.0 16.4

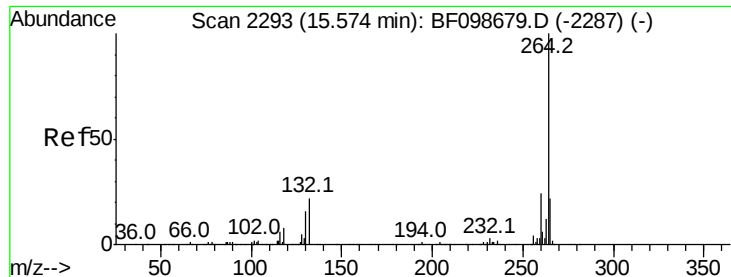


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

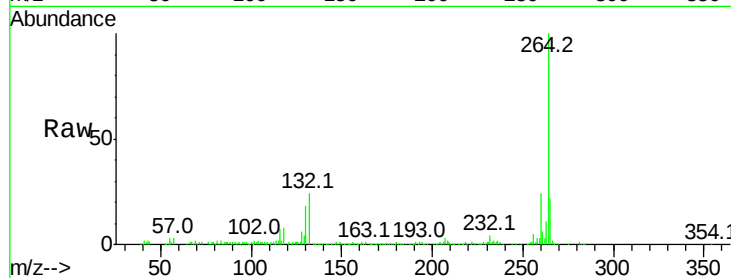




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098784.D
 Acq: 25 Sep 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-17(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

