

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098879.D
 Acq On : 27 Sep 2017 22:56
 Operator : SJ/JU
 Sample : I5386-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-116-2(5-10)

Quant Time: Sep 28 11:55:22 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

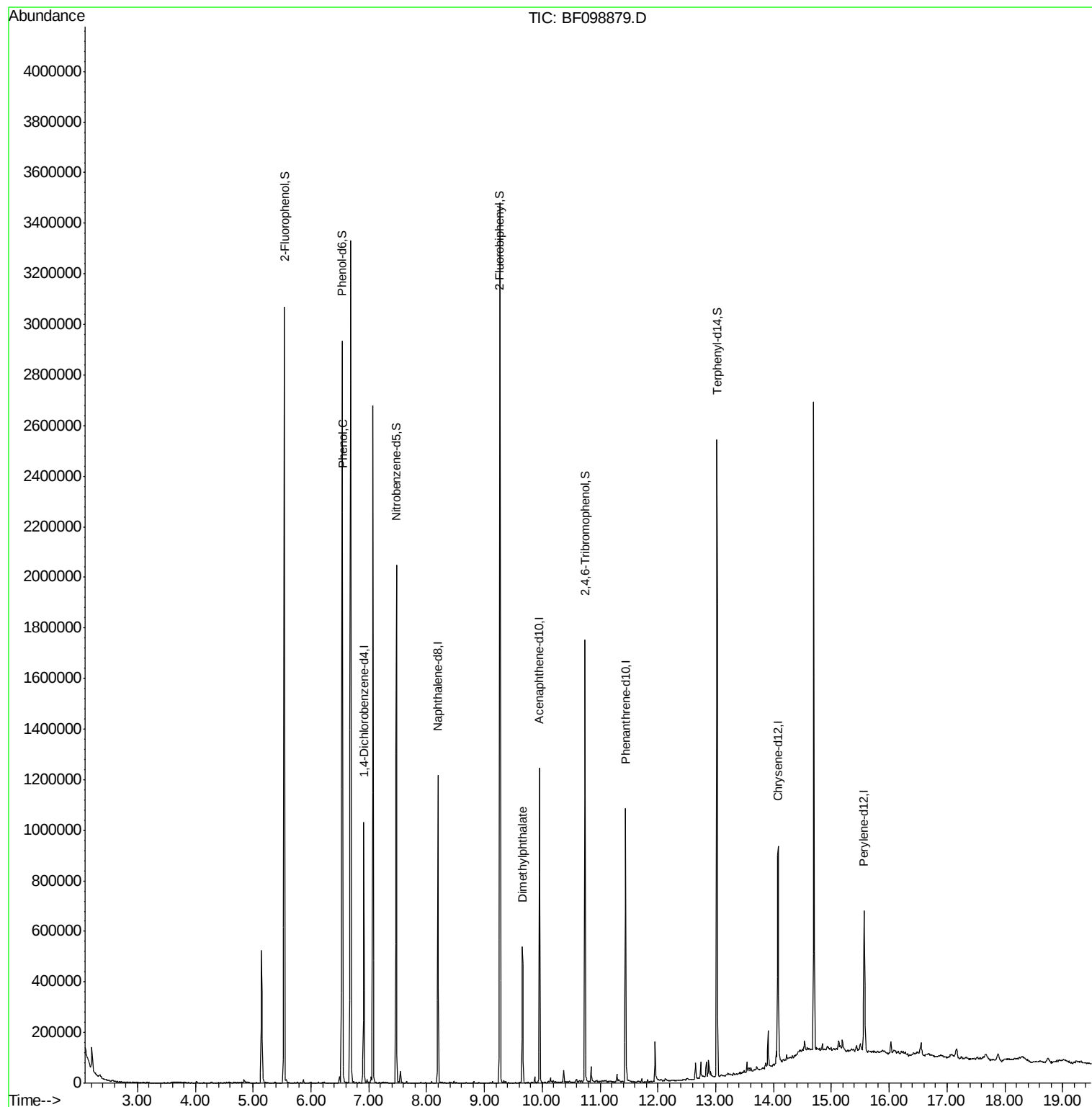
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	137061	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	550872	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	225549	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	335546	20.00	ng	0.00
75) Chrysene-d12	14.08	240	276864	20.00	ng	0.00
86) Perylene-d12	15.57	264	233950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	945551	109.82	ng	0.00
7) Phenol-d6	6.54	99	1147303	108.02	ng	0.00
23) Nitrobenzene-d5	7.47	82	683759	79.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	173856	94.20	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1141109	84.46	ng	-0.01
78) Terphenyl-d14	13.02	244	761608	62.56	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	32326	2.721	ng	99
49) Dimethylphthalate	9.66	163	210885	12.388	ng	100

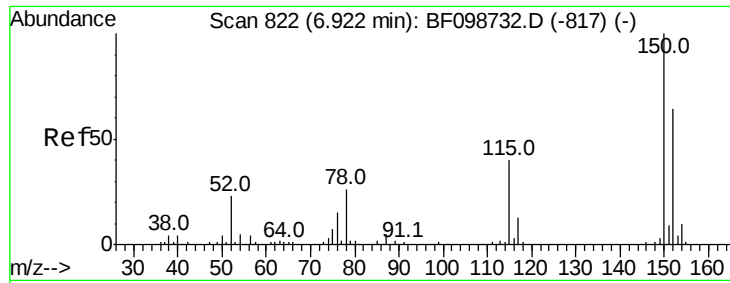
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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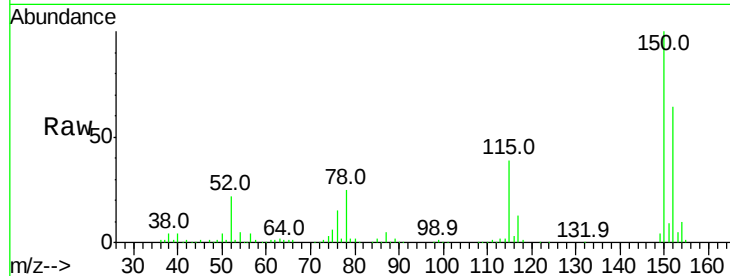


#1

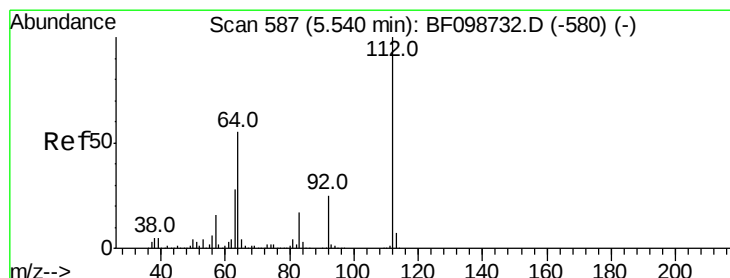
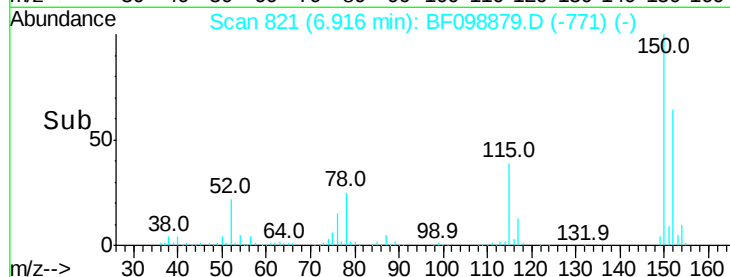
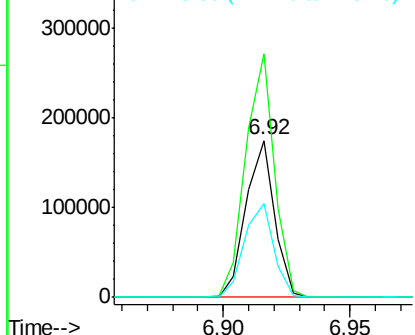
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(5-10)

Tot Ion:152 Resp: 137061
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.1 50.1 75.1



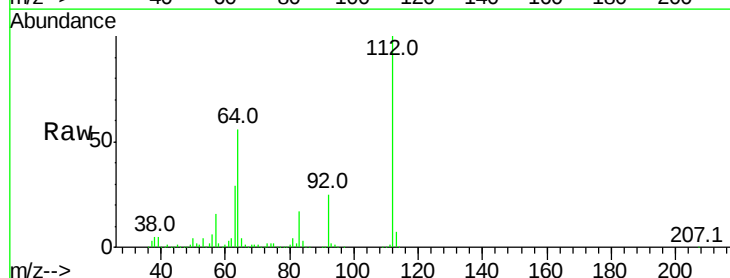
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



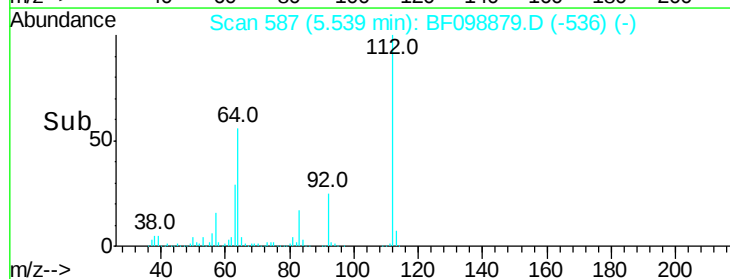
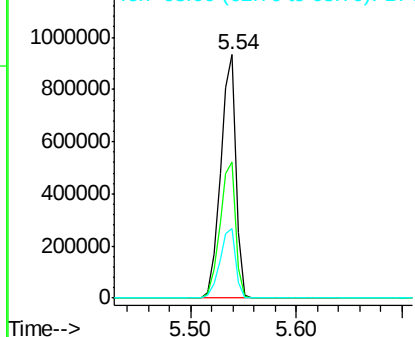
#5

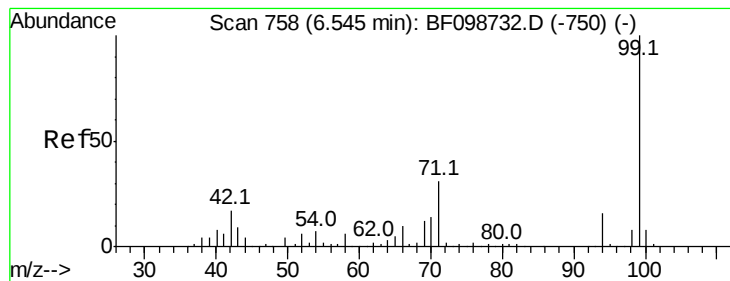
2-Fluorophenol
Concen: 109.821 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Tgt Ion:112 Resp: 945551
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.6 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: 108.019 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-116-2(5-10)

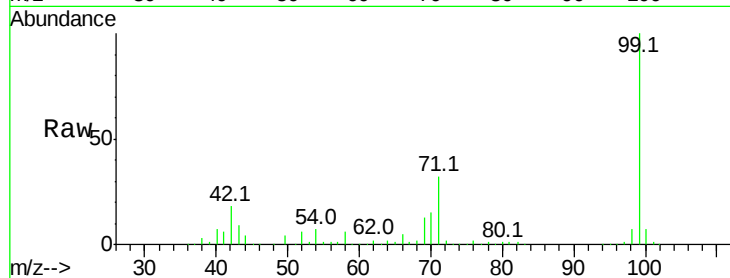
Tot Ion: 99 Resp: 1147303

Ion Ratio Lower Upper

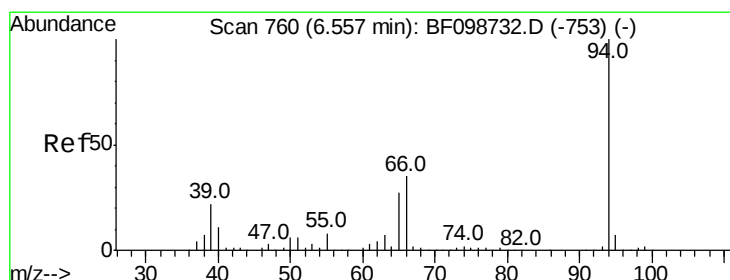
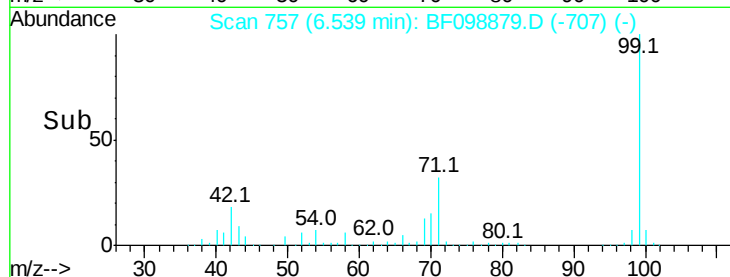
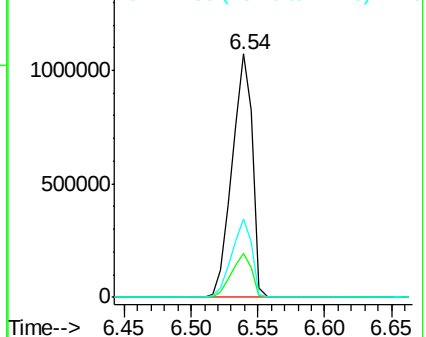
99 100

42 17.8 14.5 21.7

71 32.1 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



#10

Phenol

Concen: 2.721 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

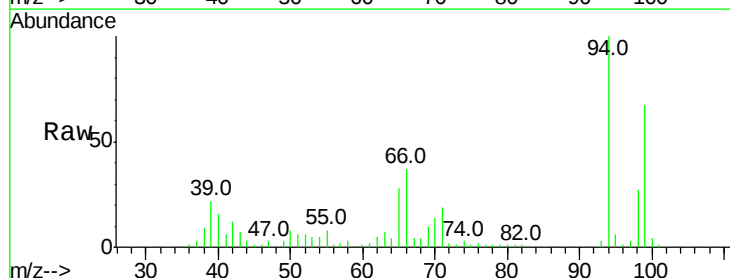
Tgt Ion: 94 Resp: 32326

Ion Ratio Lower Upper

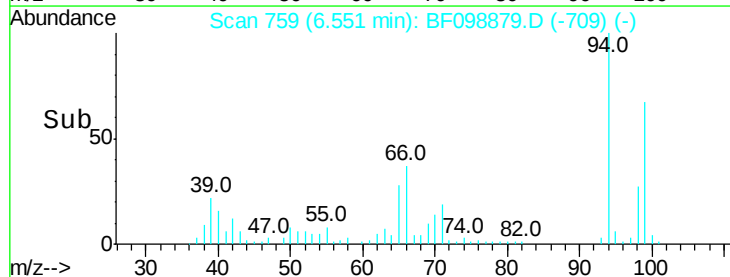
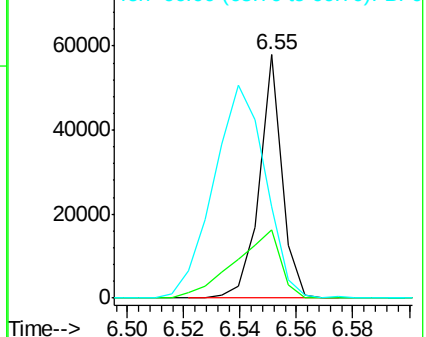
94 100

65 28.0 7.9 47.9

66 37.3 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

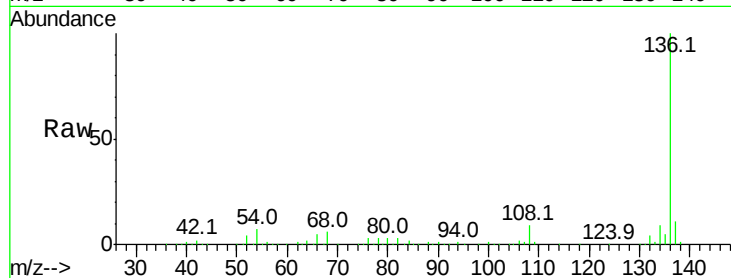




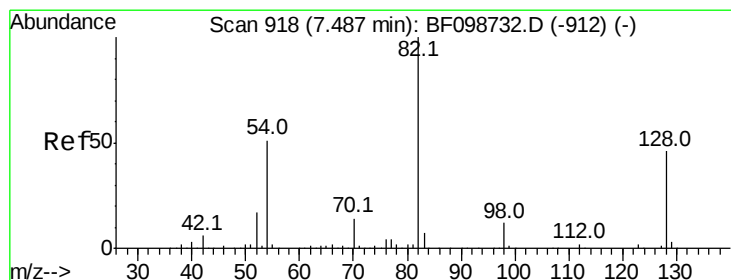
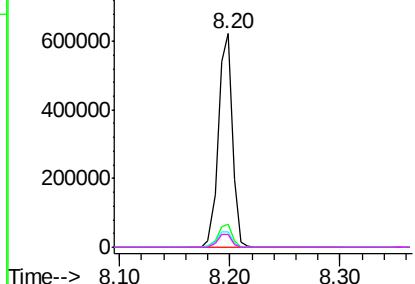
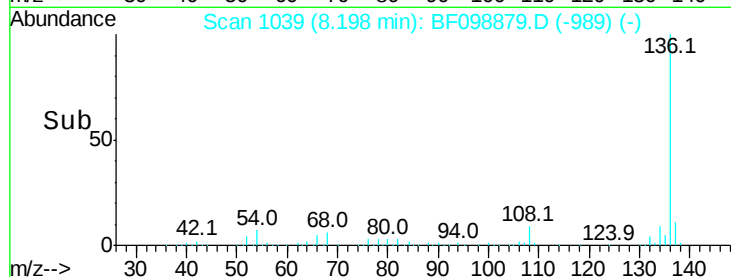
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(5-10)

Tot Ion:136	Resp:	550872
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.1	6.6 9.8
68	5.8	5.0 7.4

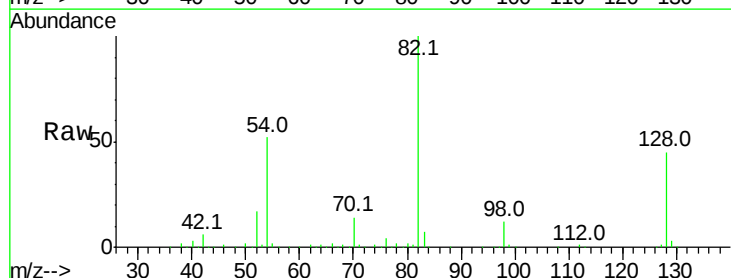


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

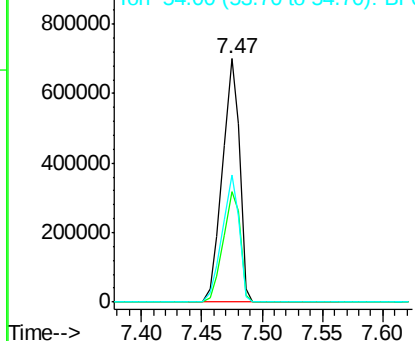
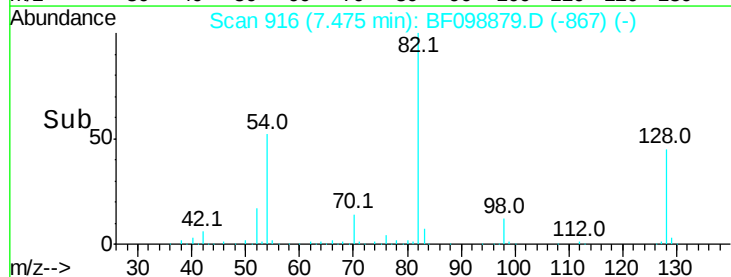


#23
Nitrobenzene-d5
Concen: 79.600 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Tgt Ion: 82	Resp:	683759
Ion Ratio	Lower	Upper
82	100	
128	45.4	36.1 54.1
54	52.4	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

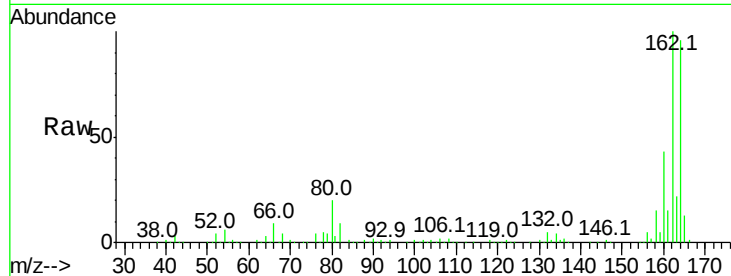




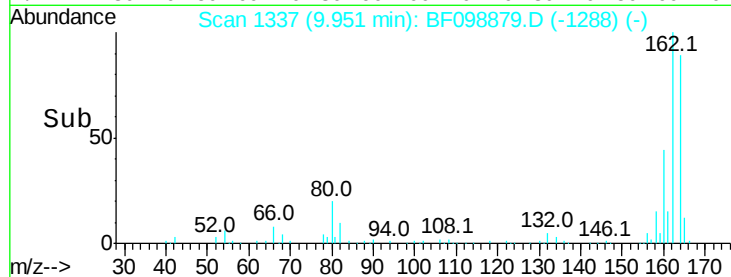
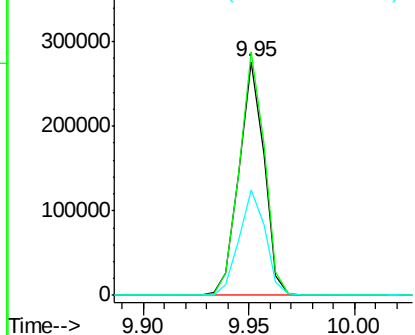
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(5-10)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.3	38.3	57.5

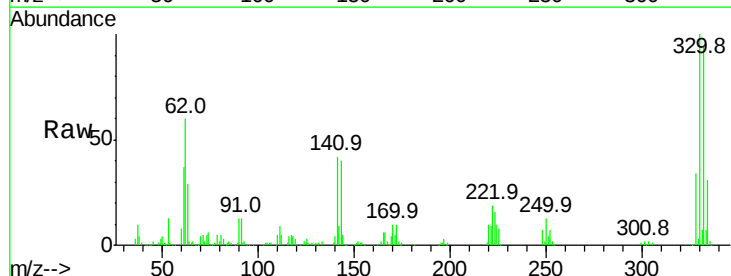


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

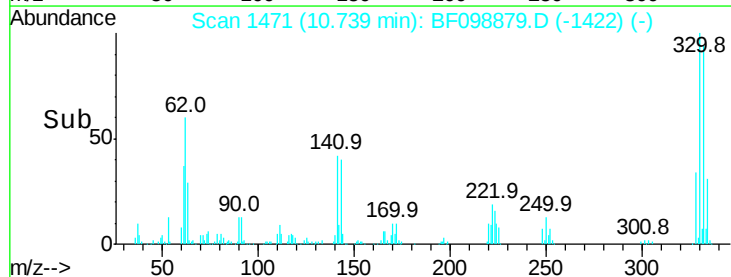
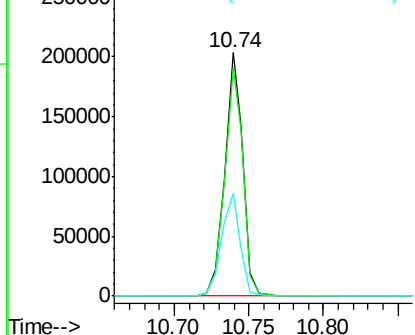


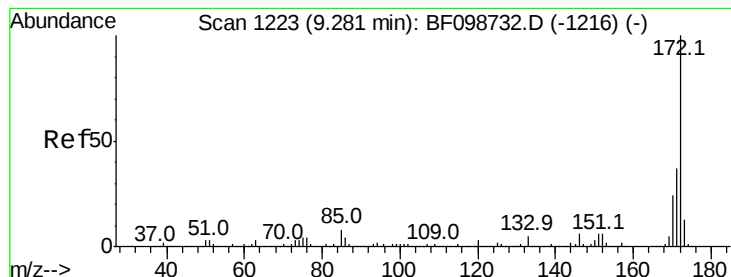
#41
2,4,6-Tribromophenol
Concen: 94.200 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098879.D
Acq: 27 Sep 2017 22:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	43.6	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





#44

2-Fluorobiphenyl

Concen: 84.460 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

Instrument :

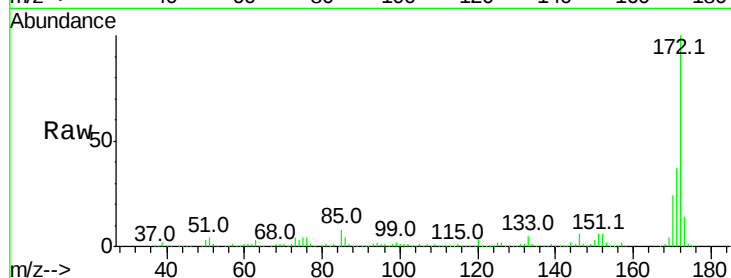
BNA_F

ClientSampleId :

SASP2P-ENV-116-2(5-10)

Tot Ion:172 Resp: 1141109

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.9	19.6	29.4

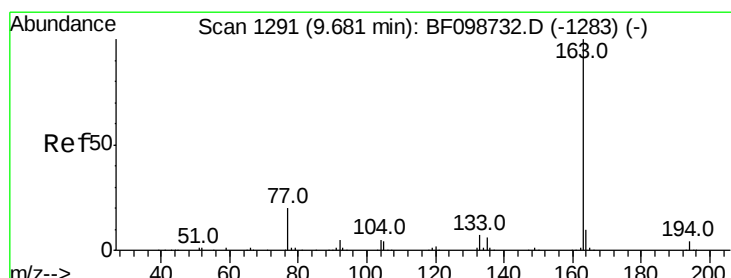
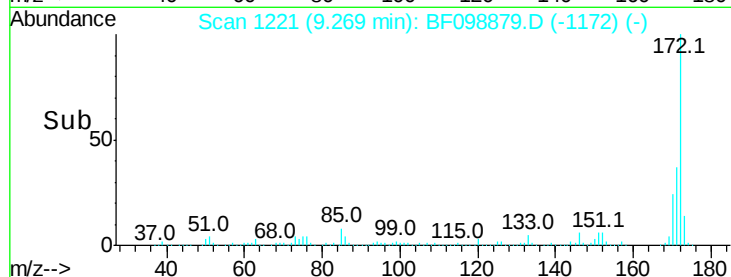
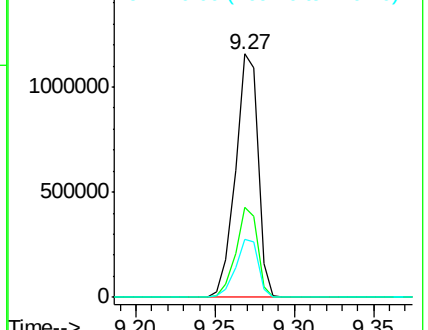


Abundance

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



#49

Dimethylphthalate

Concen: 12.388 ng

RT: 9.66 min Scan# 1287

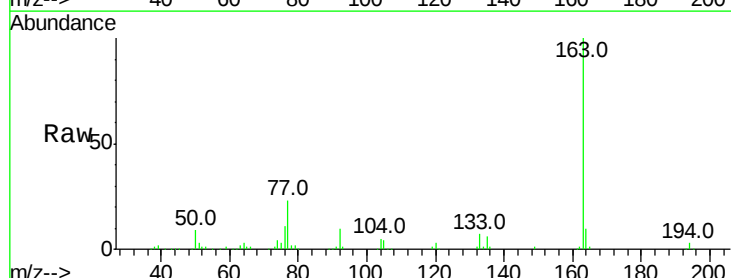
Delta R.T. -0.02 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

Tgt Ion:163 Resp: 210885

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.2	8.2	12.2

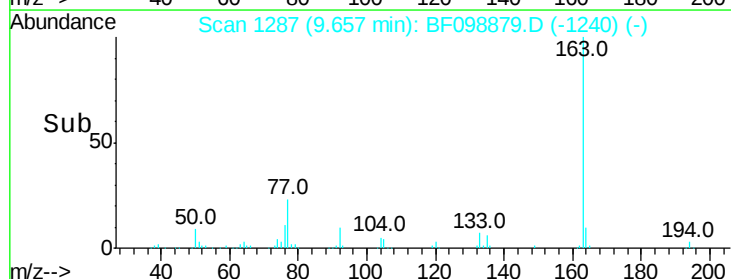
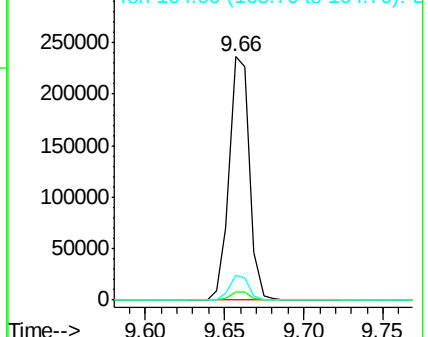


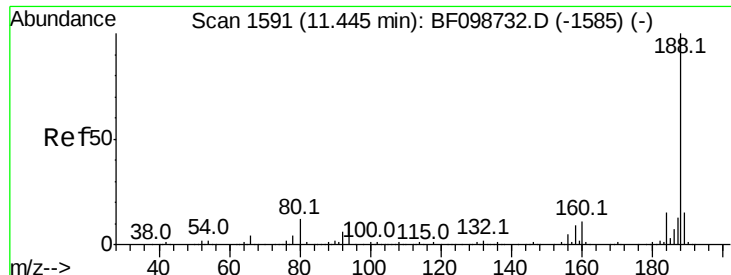
Abundance

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: BF098879.D

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SASP2P-ENV-116-2(5-10)

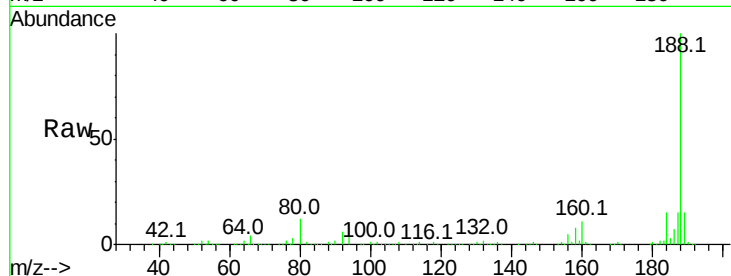
Tot Ion:188 Resp: 335546

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

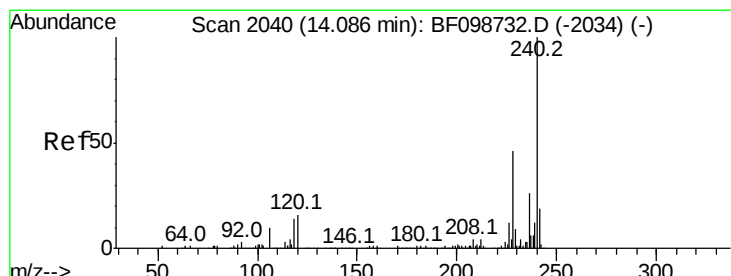
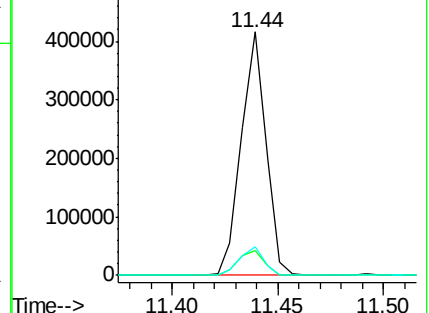
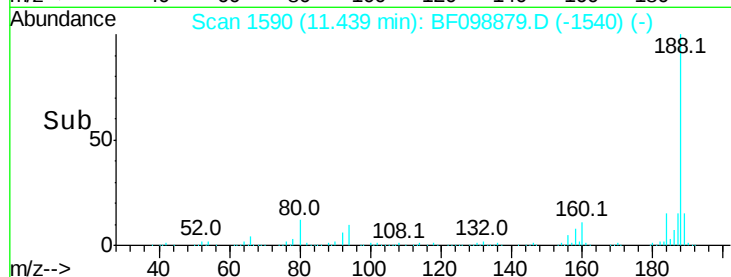
80 11.6 9.2 13.8



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: BF098879.D

Acq: 27 Sep 2017 22:56

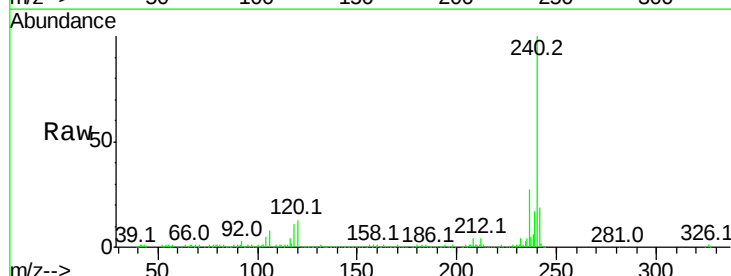
Tgt Ion:240 Resp: 276864

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

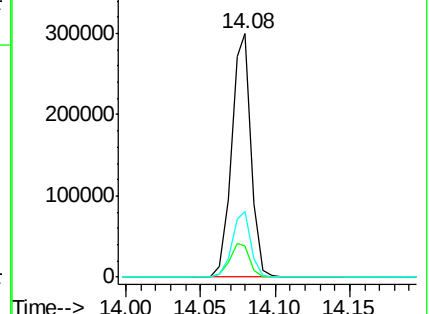
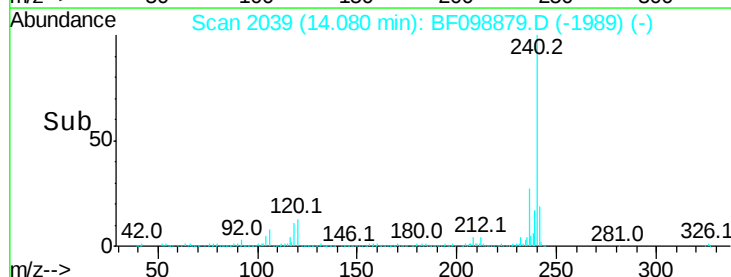
236 26.9 20.7 31.1

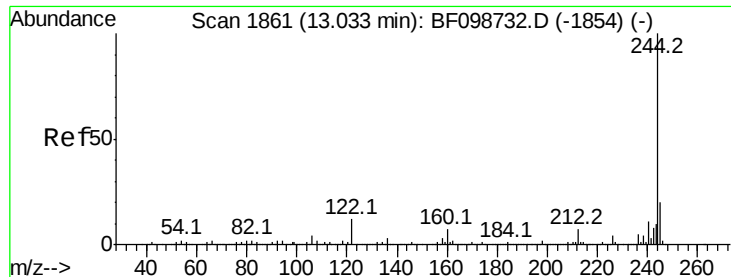


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.560 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098879.D

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SASP2P-ENV-116-2(5-10)

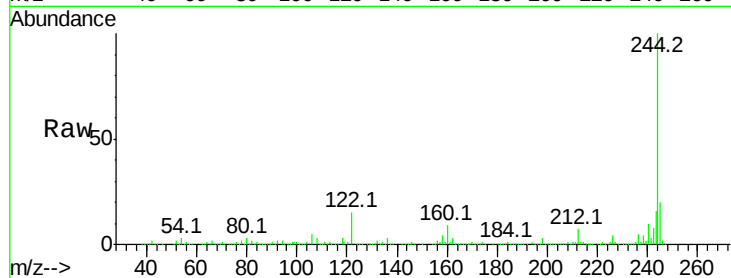
Tot Ion:244 Resp: 761608

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

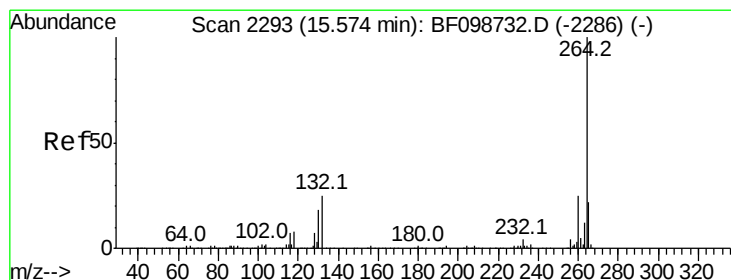
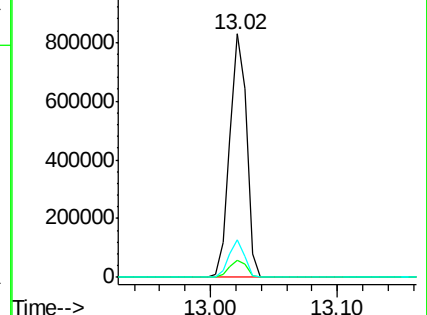
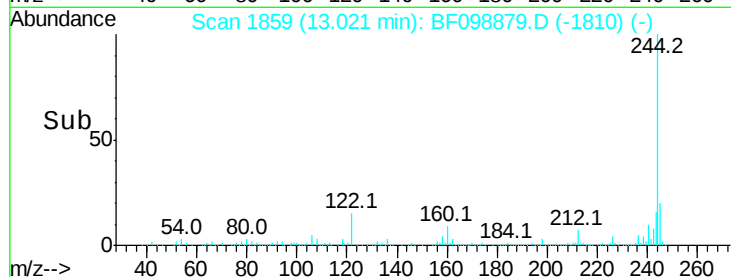
122 15.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098879.D

Acq: 27 Sep 2017 22:56

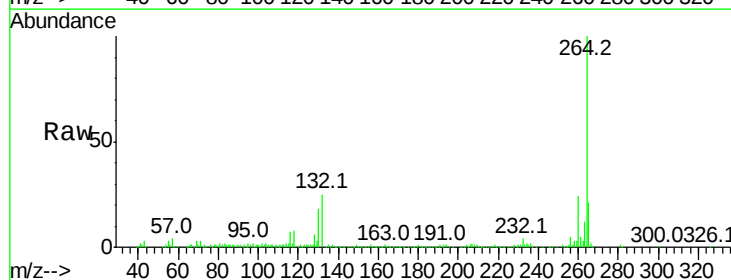
Tgt Ion:264 Resp: 233950

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.3 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

