

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098712.D
 Acq On : 22 Sep 2017 22:42
 Operator : SJ/JU
 Sample : I5304-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 23 02:41:22 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

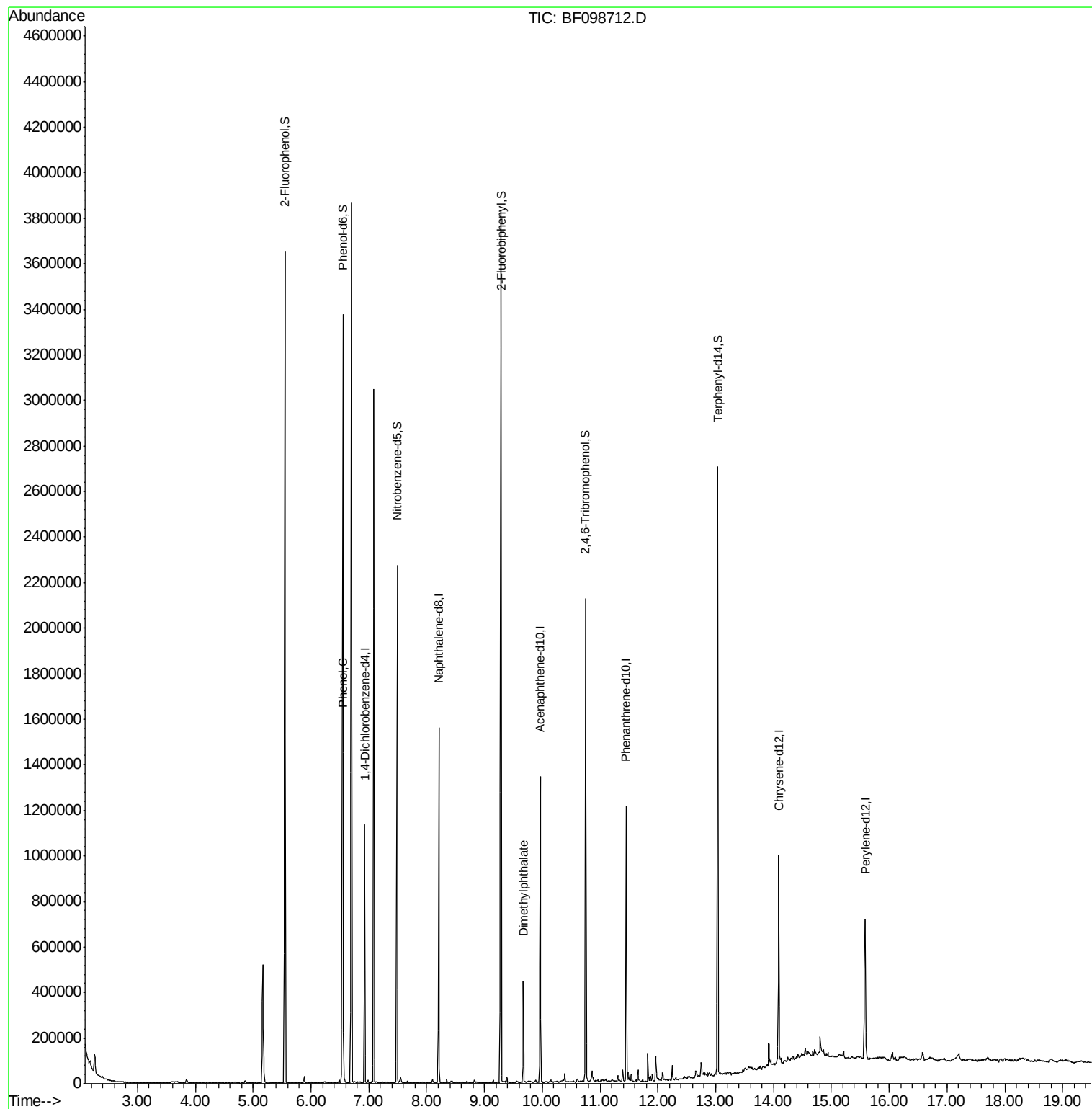
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	151630	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	625486	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	257677	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	359070	20.00	ng	0.00
75) Chrysene-d12	14.09	240	307737	20.00	ng	0.00
86) Perylene-d12	15.59	264	287988	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1092083	109.37	ng	0.01
7) Phenol-d6	6.55	99	1334695	110.38	ng	0.00
23) Nitrobenzene-d5	7.49	82	788317	85.49	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	241749	102.59	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1169165	72.20	ng	0.00
78) Terphenyl-d14	13.03	244	796536	55.58	ng	0.00
Target Compounds						
10) Phenol	6.56	94	52046	3.900	ng	93
49) Dimethylphthalate	9.67	163	160077	8.284	ng	100

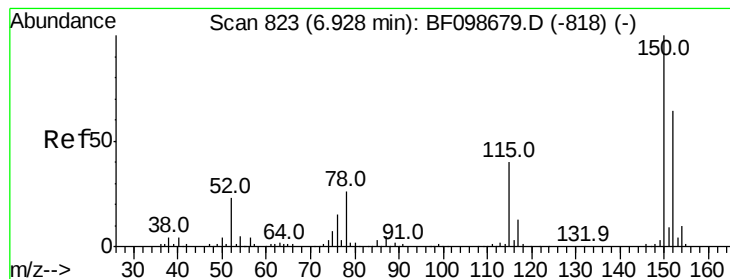
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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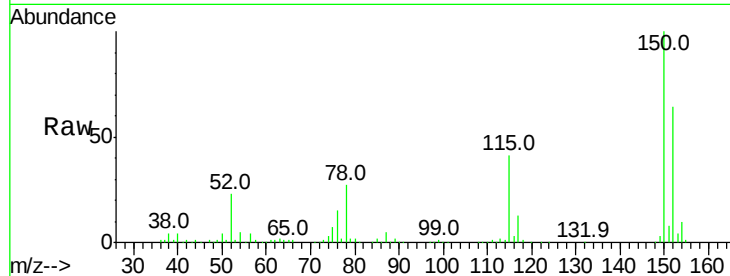


#1

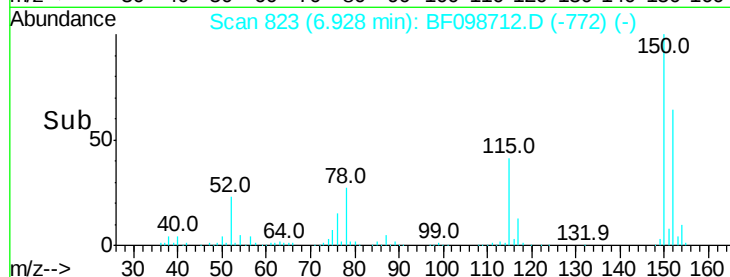
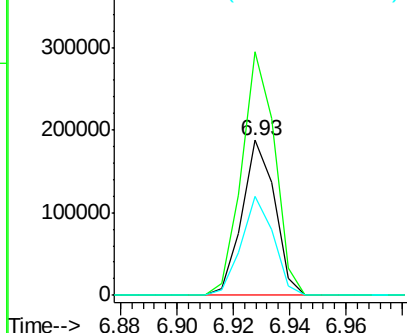
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098712.D
Acq: 22 Sep 2017 22:42

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

Tot Ion:152 Resp: 151630
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 63.7 50.1 75.1



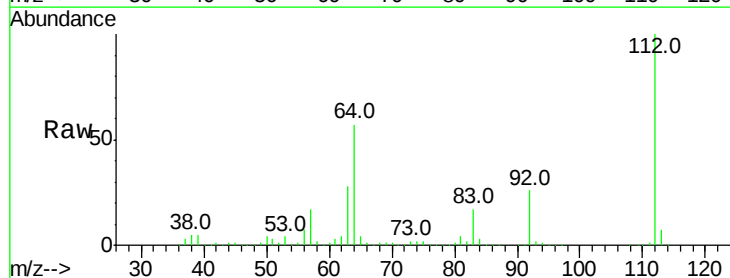
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



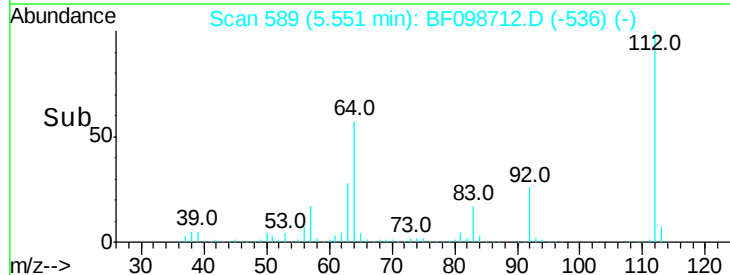
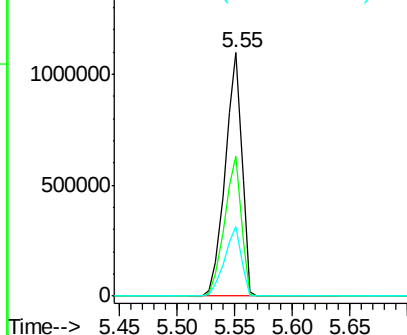
#5

2-Fluorophenol
Concen: 109.368 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098712.D
Acq: 22 Sep 2017 22:42

Tgt Ion:112 Resp: 1092083
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.3 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: 110.381 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098712.D

Acq: 22 Sep 2017 22:42

Instrument :

BNA_F

ClientSampleId :

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

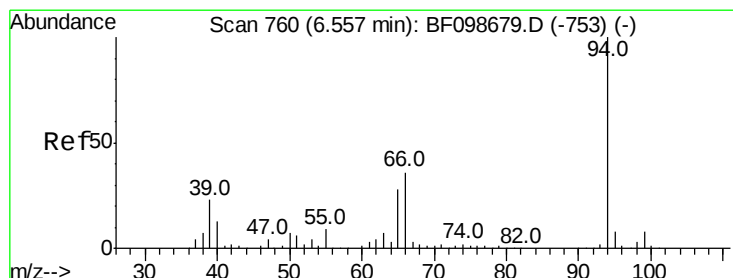
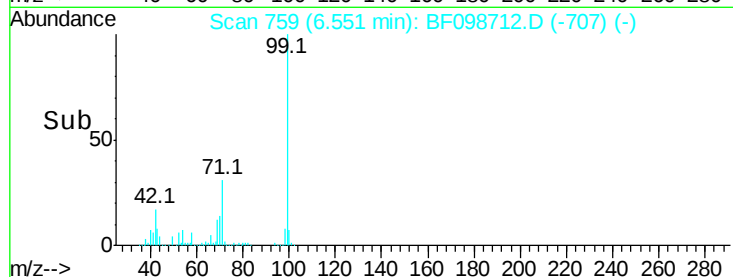
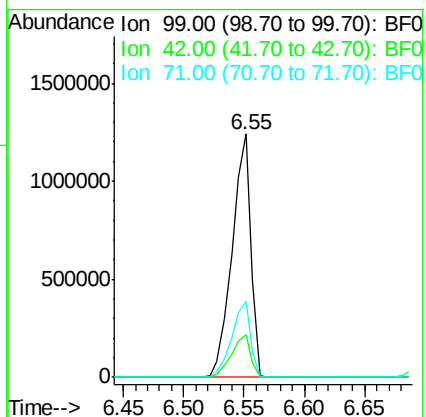
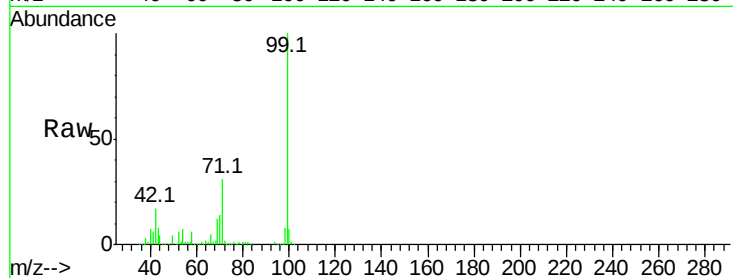
Tot Ion: 99 Resp: 1334695

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 31.3 25.4 38.0



#10

Phenol

Concen: 3.900 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF098712.D

Acq: 22 Sep 2017 22:42

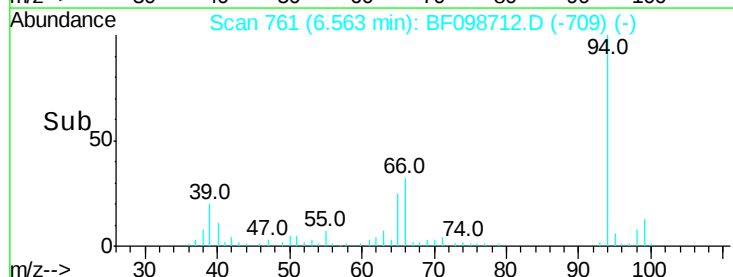
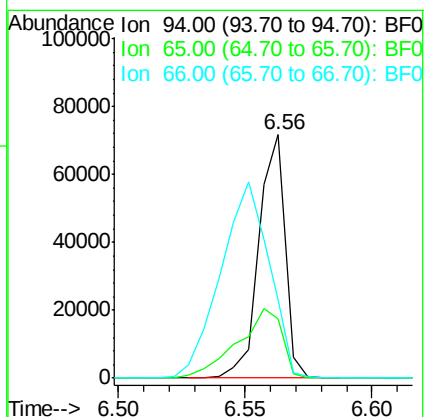
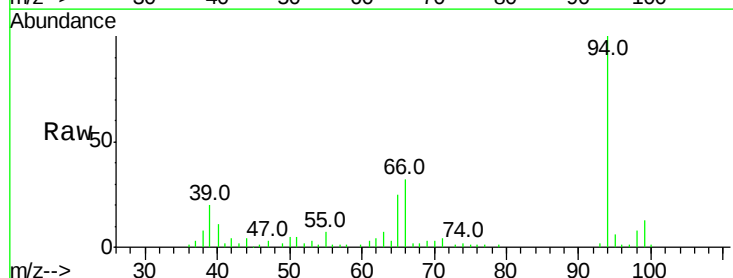
Tgt Ion: 94 Resp: 52046

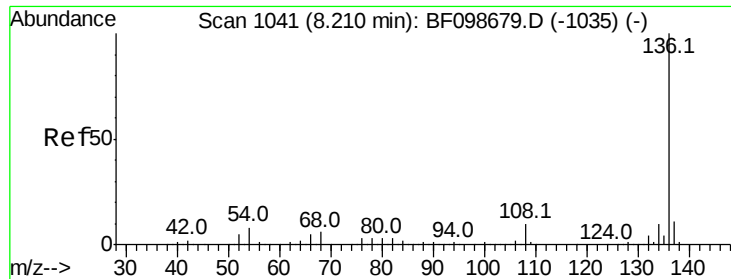
Ion Ratio Lower Upper

94 100

65 24.6 7.9 47.9

66 32.1 16.2 56.2

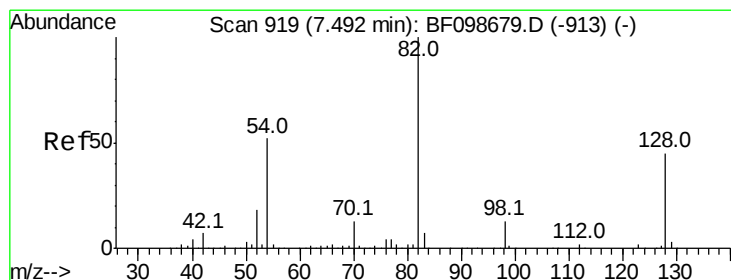
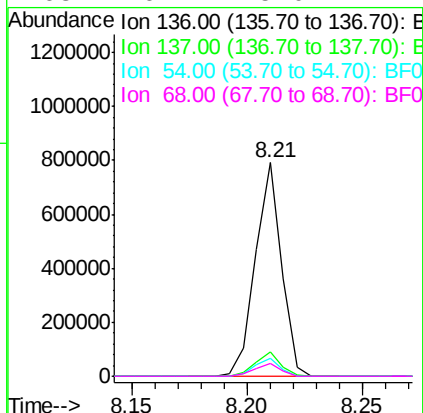
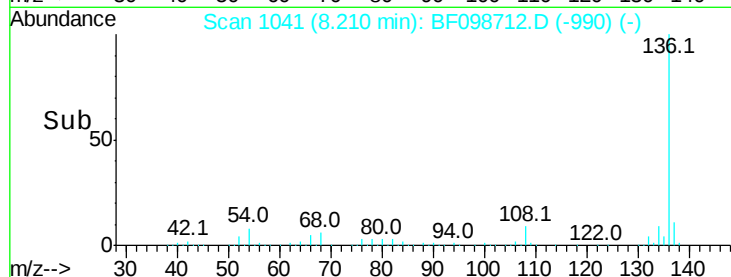
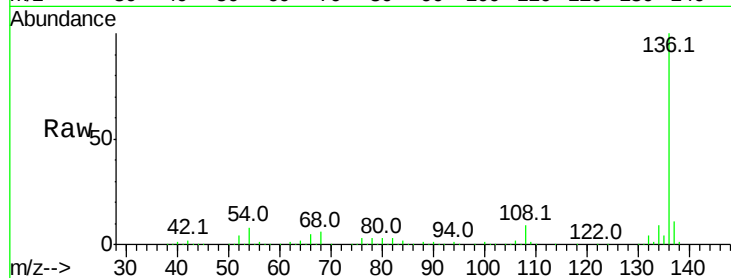




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF098712.D
Acq: 22 Sep 2017 22:42

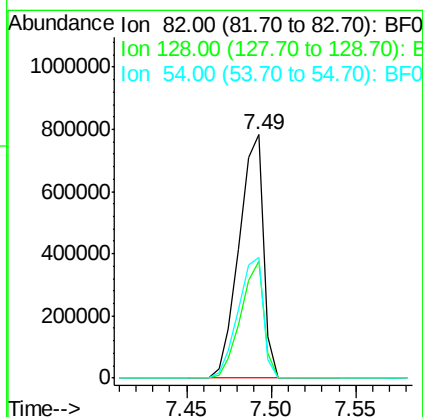
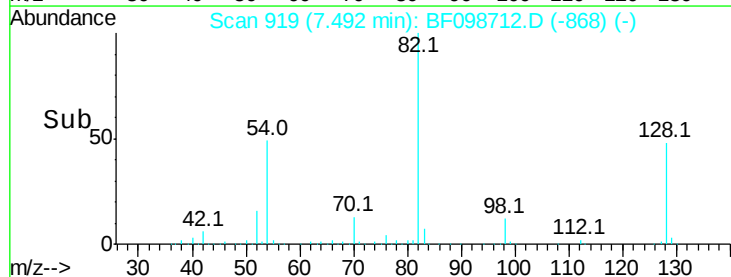
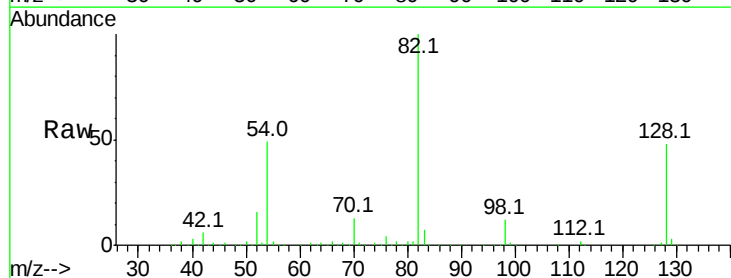
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)

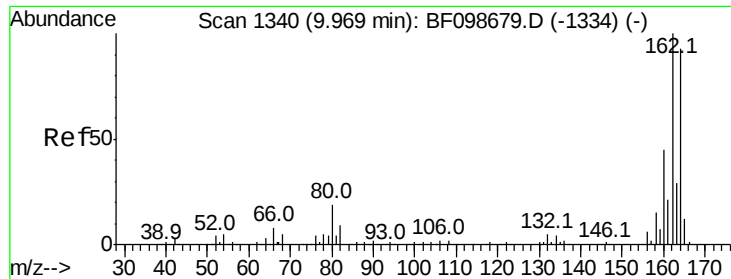
Tot Ion:	136	Resp:	625486
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.2	6.6	9.8
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.489 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF098712.D
Acq: 22 Sep 2017 22:42

Tgt Ion:	82	Resp:	788317
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	49.4	41.4	62.2

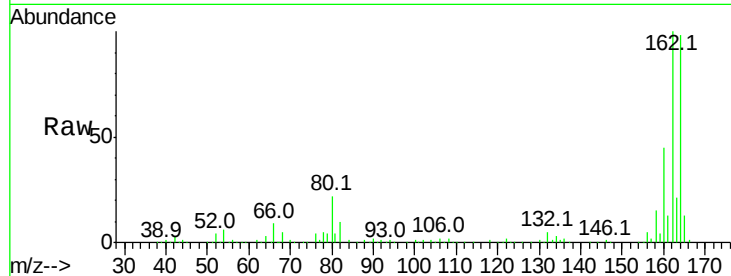




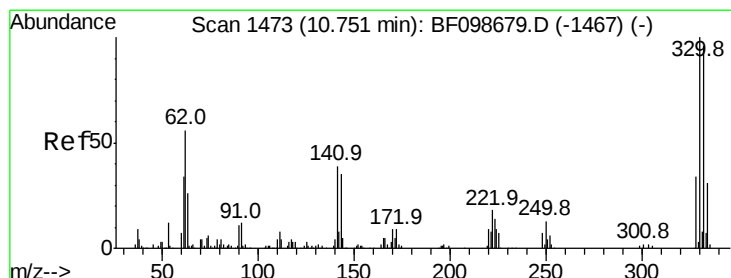
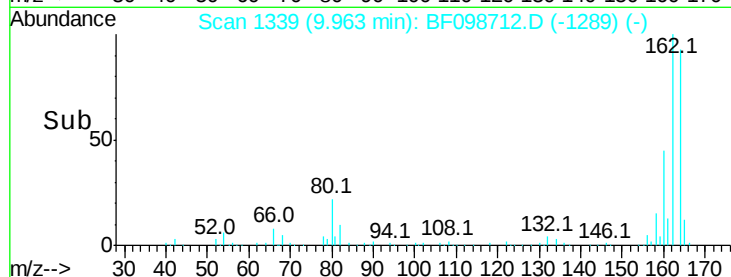
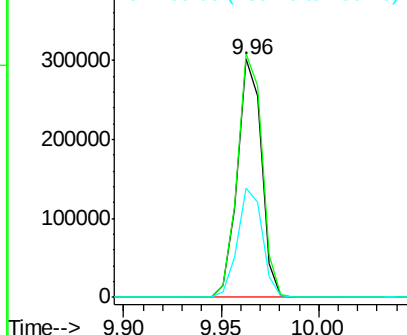
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF098712.D
Acq: 22 Sep 2017 22:42

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

Tot Ion:164 Resp: 257677
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 45.8 38.3 57.5

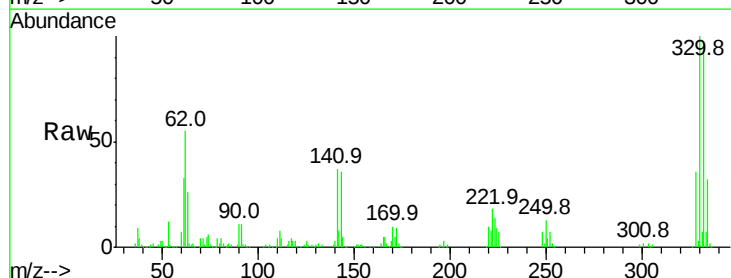


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

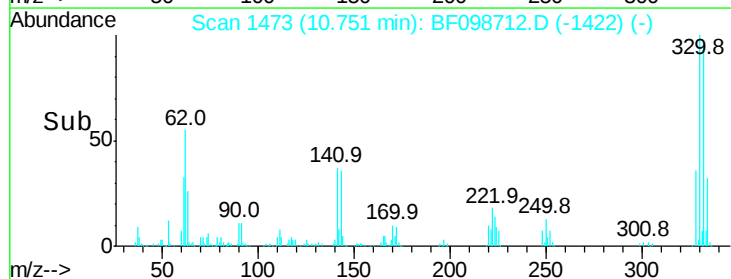
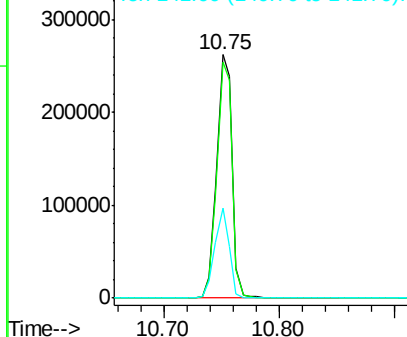


#41
2,4,6-Tribromophenol
Concen: 102.588 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF098712.D
Acq: 22 Sep 2017 22:42

Tgt Ion:330 Resp: 241749
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 34.9 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

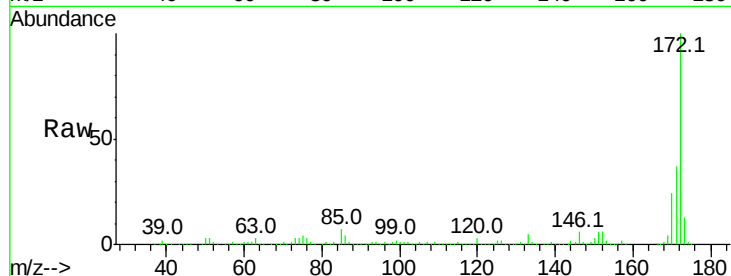




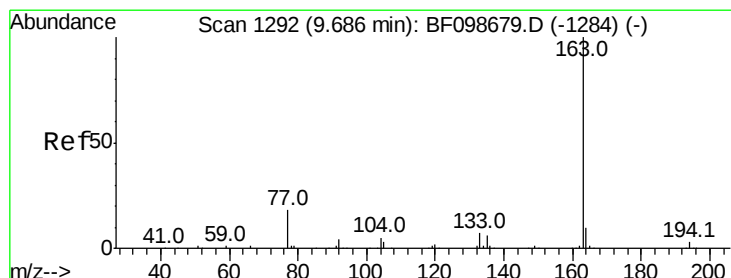
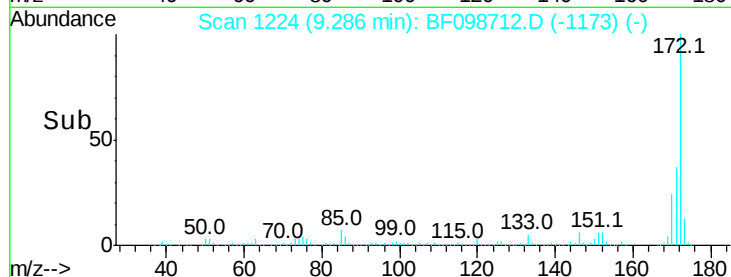
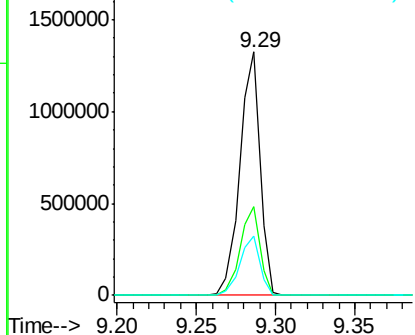
#44
2-Fluorobiphenyl
Concen: 72.202 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF098712.D
Acq: 22 Sep 2017 22:42

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

Tot Ion:172 Resp: 1169165
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.2 19.6 29.4

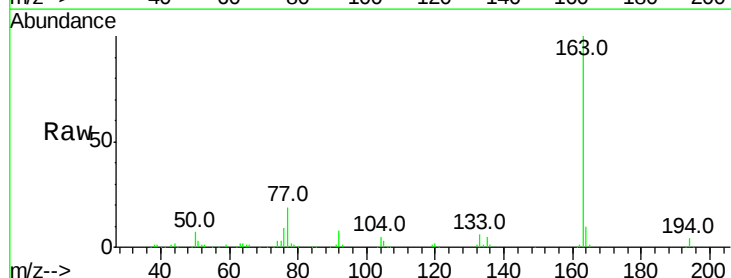


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

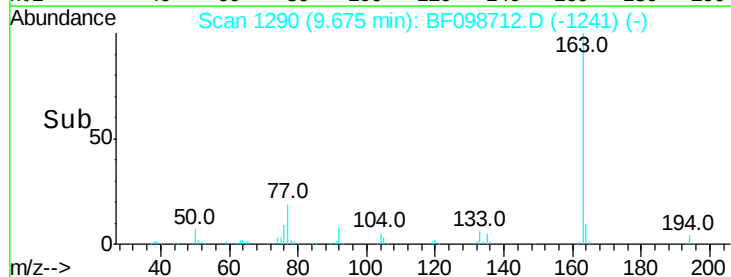
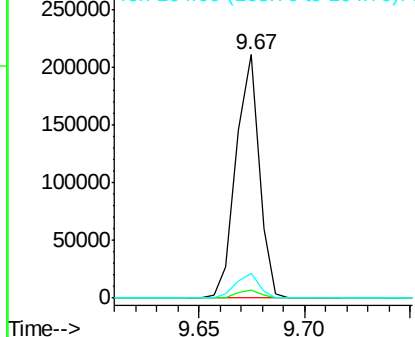


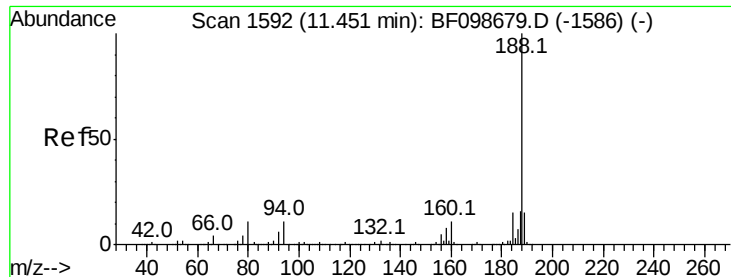
#49
Dimethylphthalate
Concen: 8.284 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098712.D
Acq: 22 Sep 2017 22:42

Tgt Ion:163 Resp: 160077
Ion Ratio Lower Upper
163 100
194 3.6 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: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF098712.D

Acq: 22 Sep 2017 22:42

Instrument :

BNA_F

ClientSampleId :

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

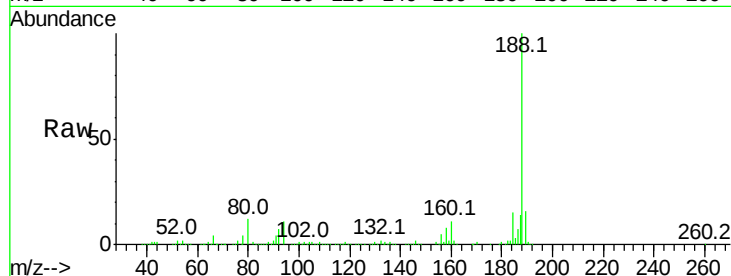
Tot Ion:188 Resp: 359070

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

80 12.4 9.2 13.8



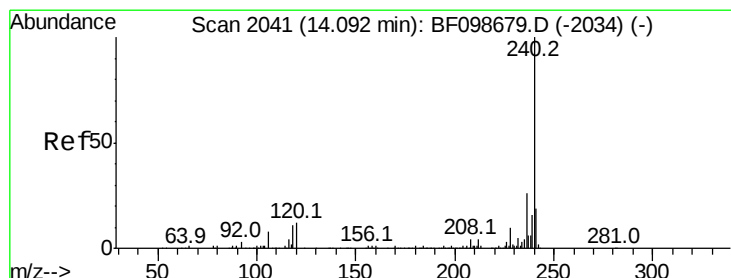
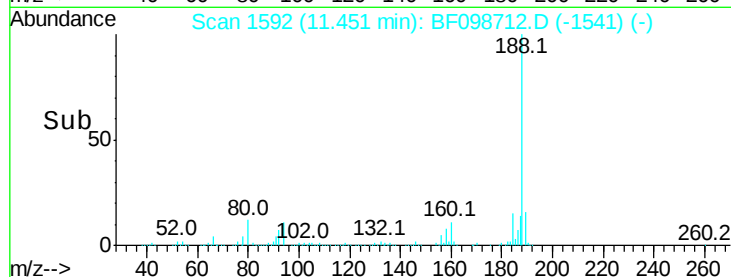
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->

11.45



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF098712.D

Acq: 22 Sep 2017 22:42

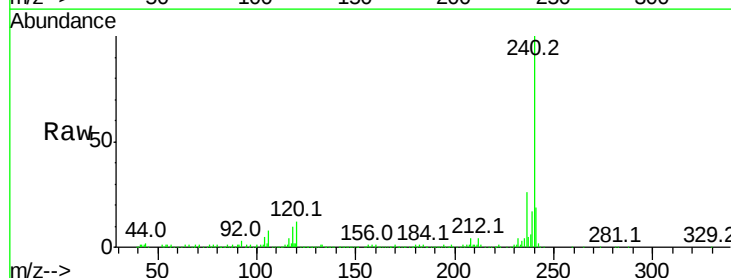
Tgt Ion:240 Resp: 307737

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

236 25.9 20.7 31.1



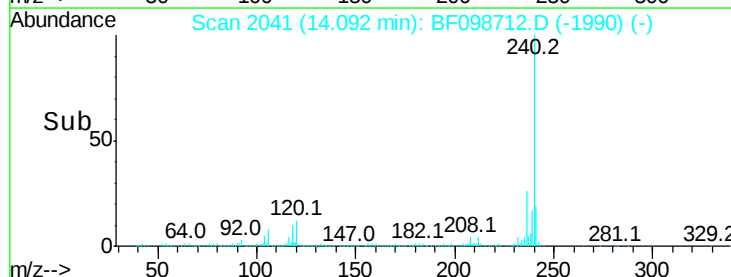
Abundance Ion 240.00 (239.70 to 240.70): E

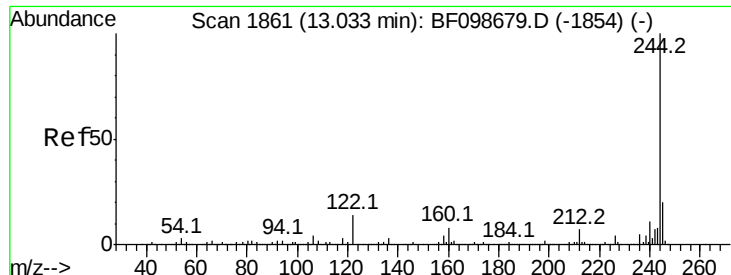
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->

14.09





#78

Terphenyl-d14

Concen: 55.578 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BF098712.D

Acq: 22 Sep 2017 22:42

Instrument :

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

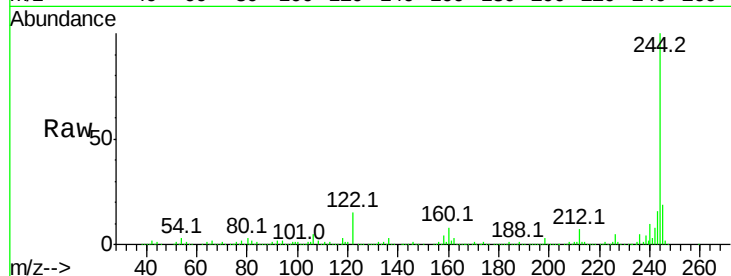
Tot Ion:244 Resp: 796536

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

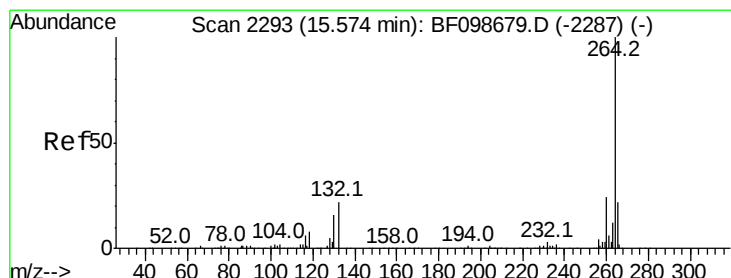
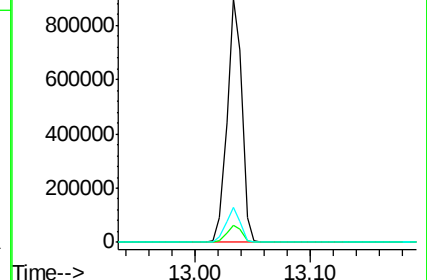
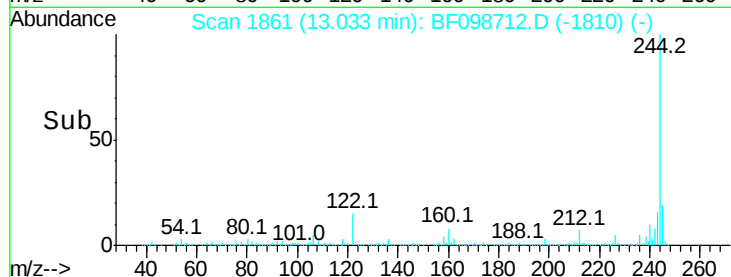
122 14.6 11.0 16.4



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: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF098712.D

Acq: 22 Sep 2017 22:42

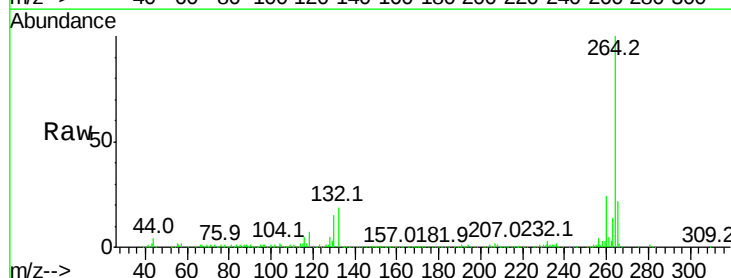
Tgt Ion:264 Resp: 287988

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.8 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

