

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099561.D
 Acq On : 16 Oct 2017 23:12
 Operator : SJ/JU
 Sample : I5782-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5(1-3)

Quant Time: Oct 17 02:38:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

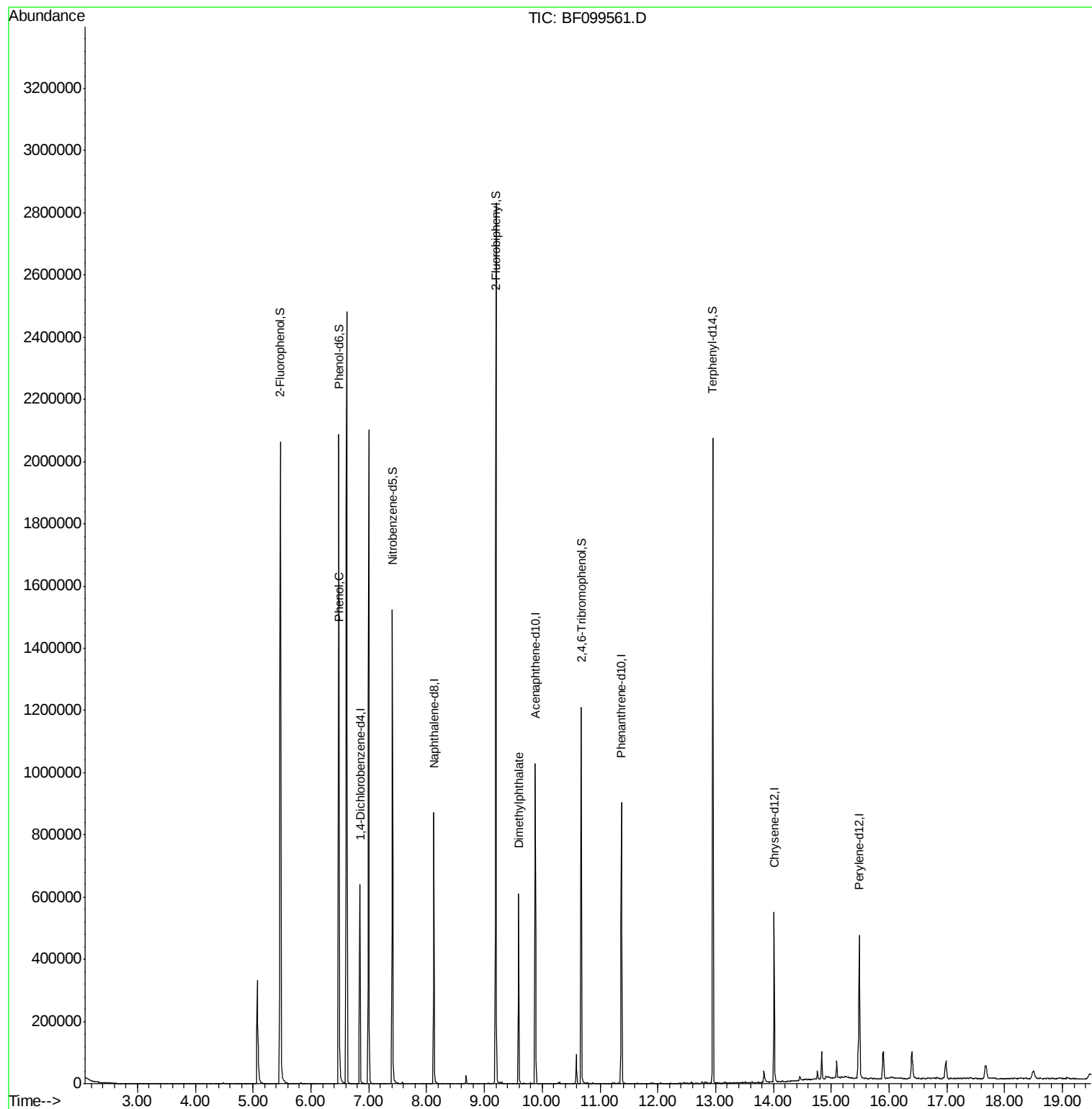
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103432	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	427342	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	190783	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	304573	20.00	ng	0.00
75) Chrysene-d12	14.02	240	189957	20.00	ng	0.00
86) Perylene-d12	15.49	264	195633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	685492	105.50	ng	0.00
7) Phenol-d6	6.48	99	845912	105.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	507915	76.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	152192	97.49	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	928975	81.29	ng	-0.01
78) Terphenyl-d14	12.95	244	642485	76.92	ng	0.00
Target Compounds						
10) Phenol	6.49	94	58308	6.505	ng	94
49) Dimethylphthalate	9.59	163	235101	16.327	ng	100

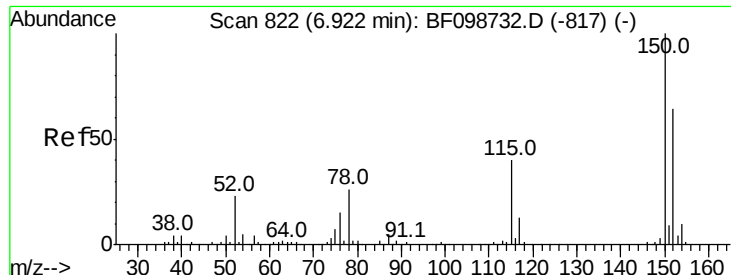
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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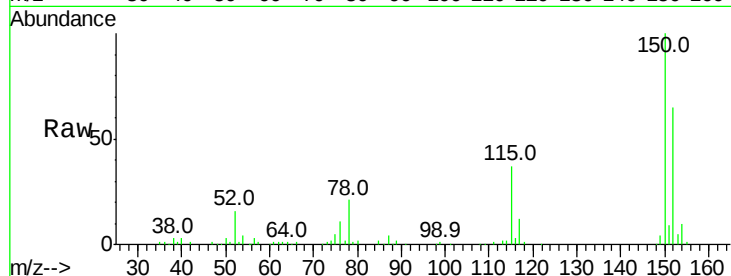


#1

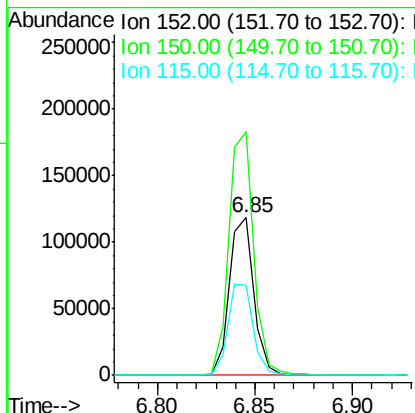
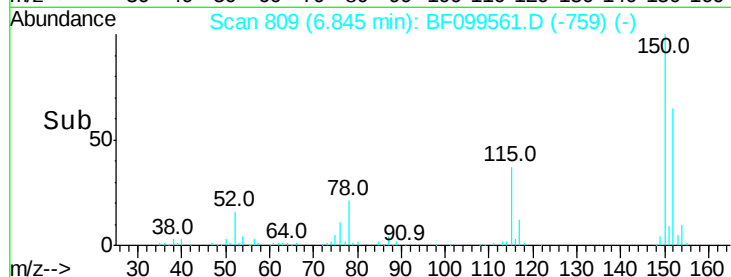
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

Instrument :
 BNA_F
 ClientSampled :
 S5(1-3)

Tot Ion:152 Resp: 103432
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 57.4 50.1 75.1



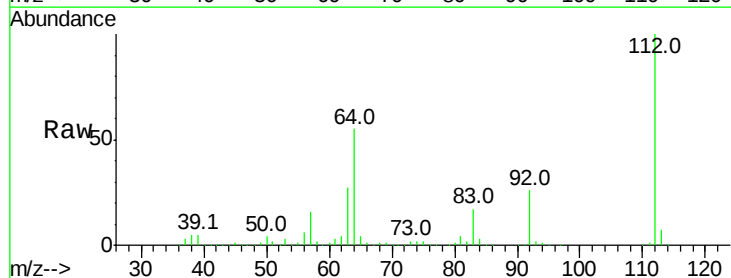
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



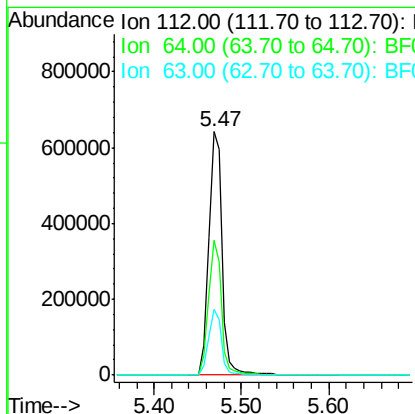
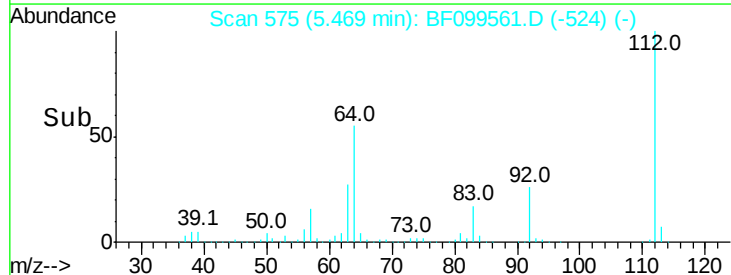
#5

2-Fluorophenol
 Concen: 105.503 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

Tgt Ion:112 Resp: 685492
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.9 71.9
 63 27.2 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: 105.538 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

Instrument :

BNA_F

ClientSampled :

S5(1-3)

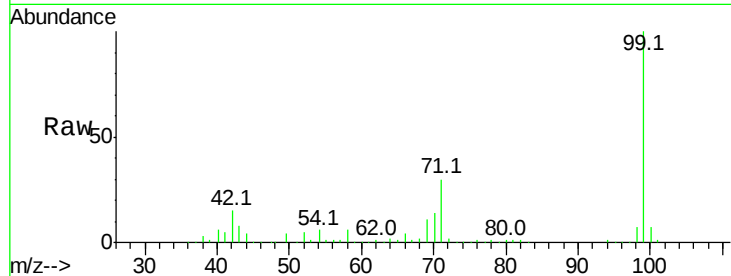
Tot Ion: 99 Resp: 845912

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

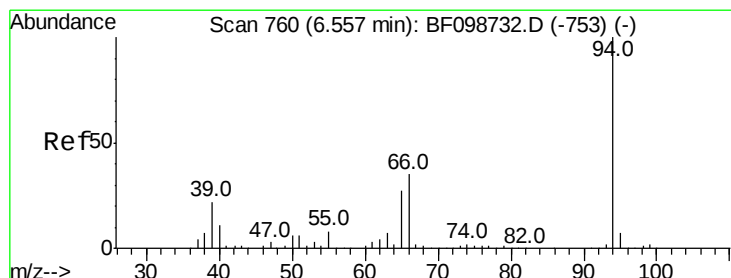
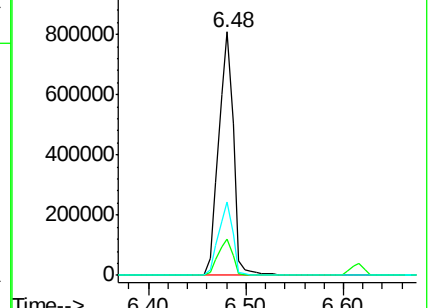
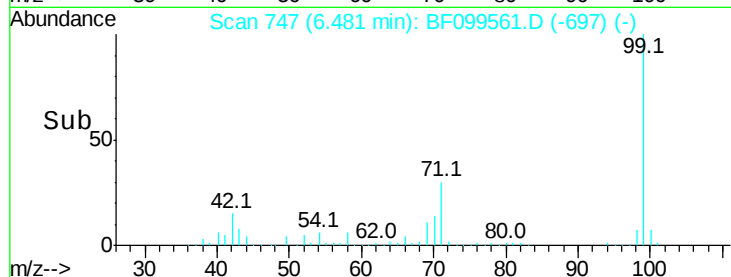
71 30.1 25.4 38.0



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: 6.505 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

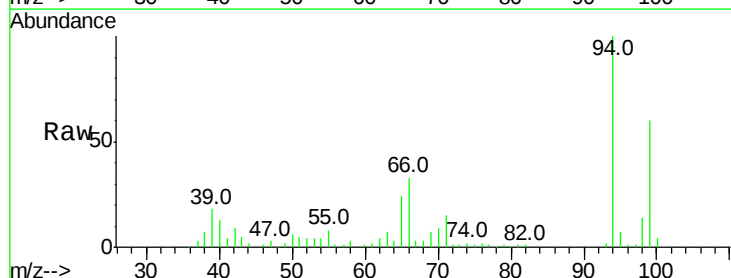
Tgt Ion: 94 Resp: 58308

Ion Ratio Lower Upper

94 100

65 24.0 7.9 47.9

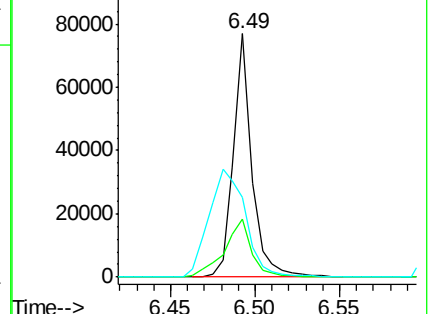
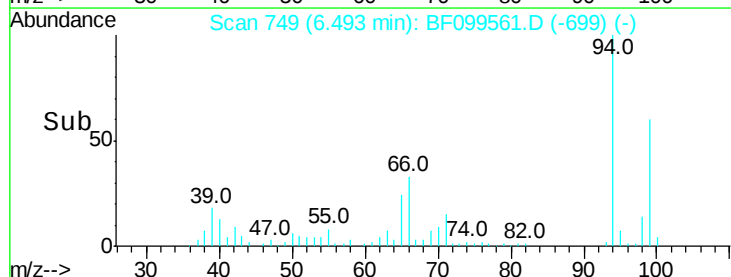
66 32.9 16.2 56.2



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

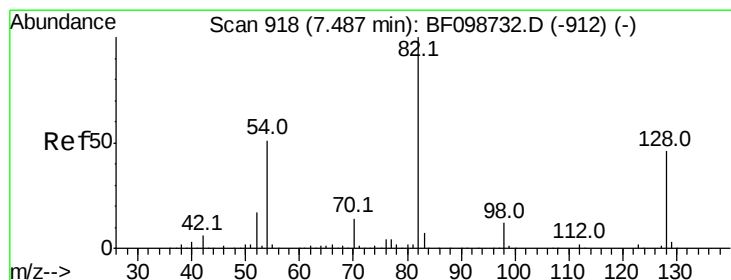
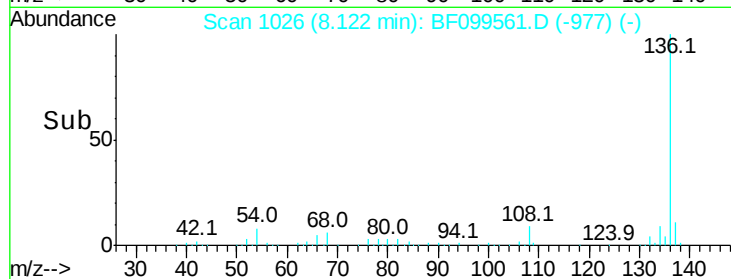
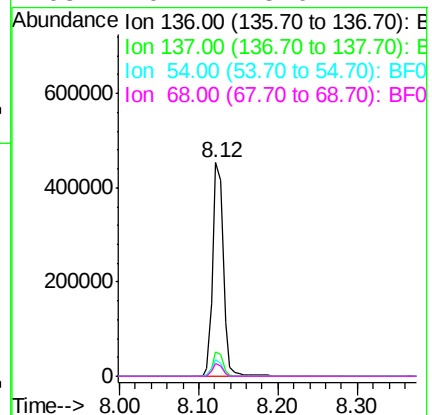
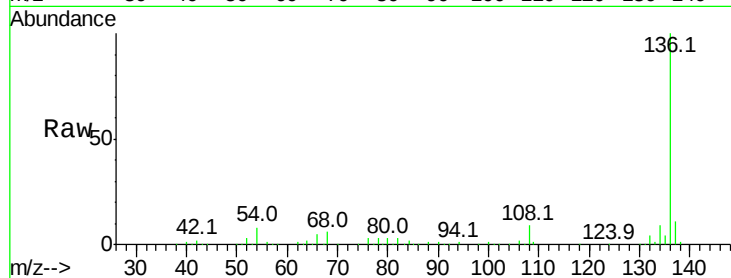




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099561.D
Acq: 16 Oct 2017 23:12

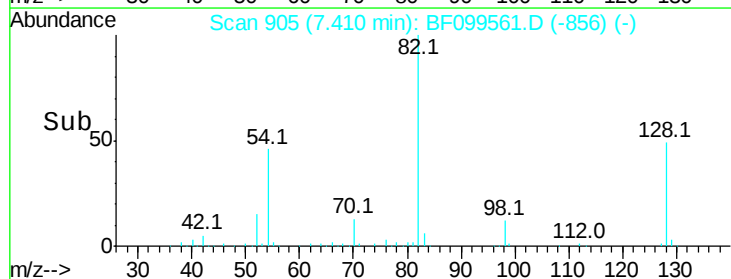
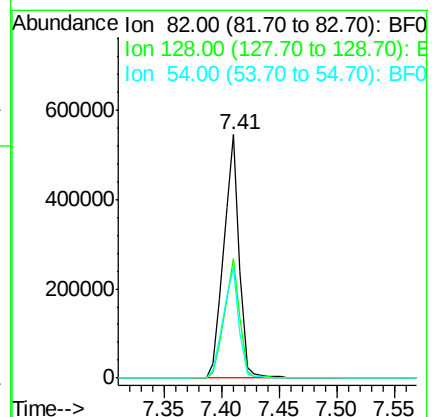
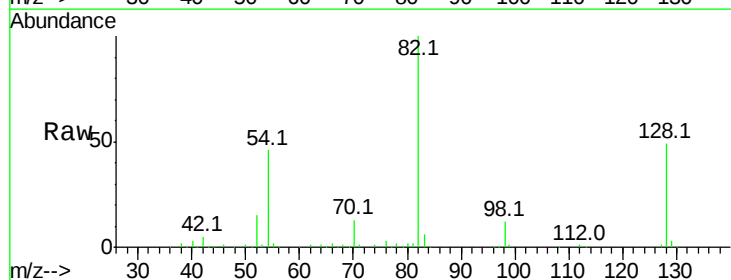
Instrument :
BNA_F
ClientSampleId :
S5(1-3)

Tot Ion:	136	Resp:	427342
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.9	6.6	9.8
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 76.222 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099561.D
Acq: 16 Oct 2017 23:12

Tgt Ion:	82	Resp:	507915
Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	45.6	41.4	62.2

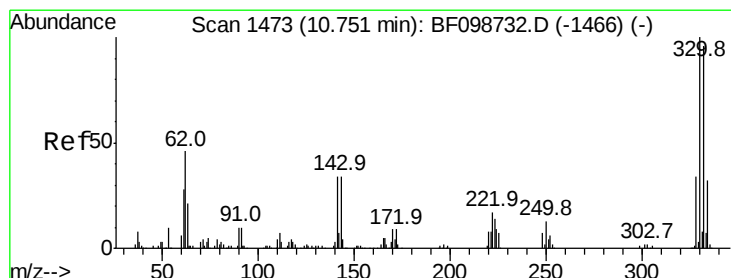
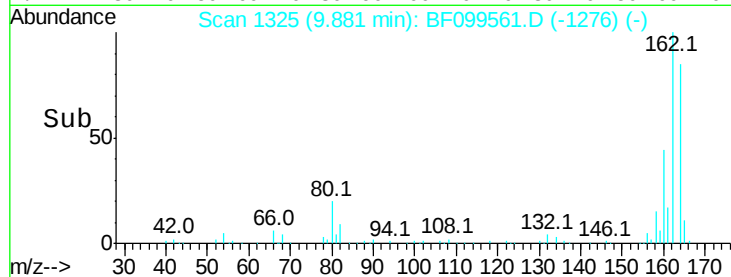
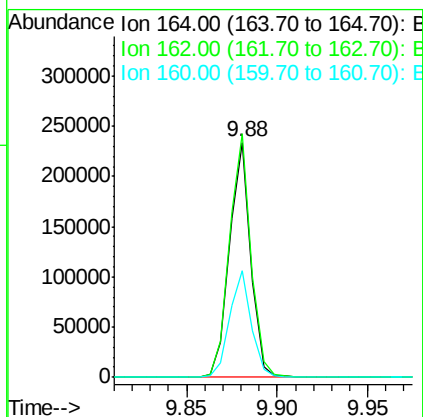
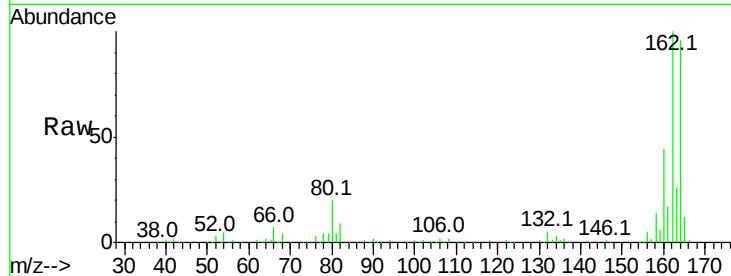




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

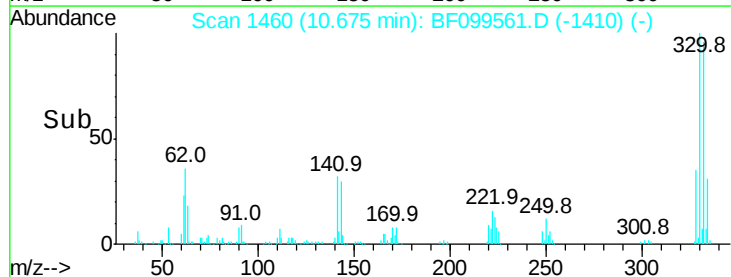
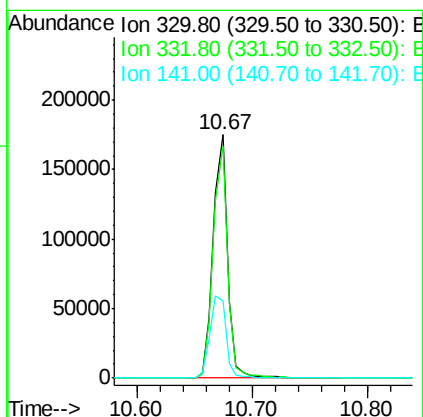
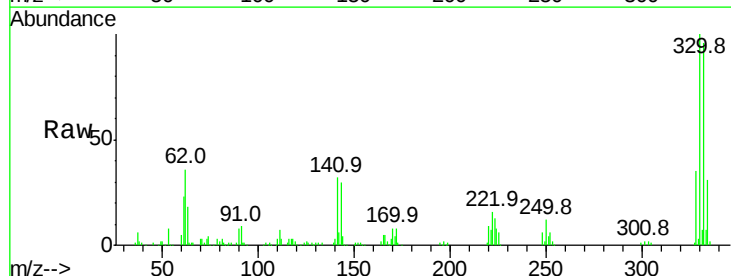
Instrument :
 BNA_F
 ClientSampleId :
 S5(1-3)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 97.489 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.7	29.9	44.9

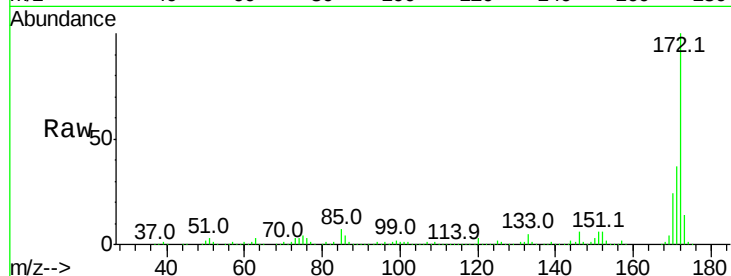




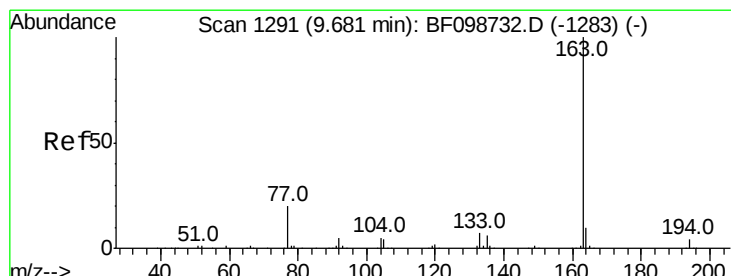
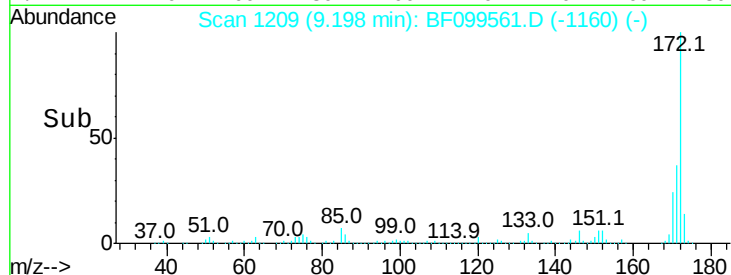
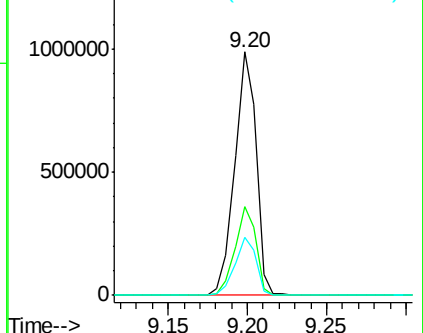
#44
 2-Fluorobiphenyl
 Concen: 81.288 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

Instrument :
 BNA_F
 ClientSampleId :
 S5(1-3)

Tot Ion:172 Resp: 928975
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 23.9 19.6 29.4

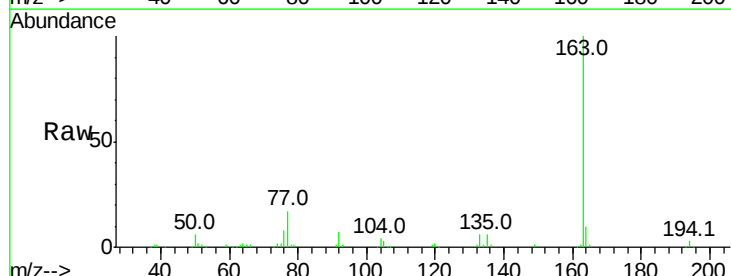


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

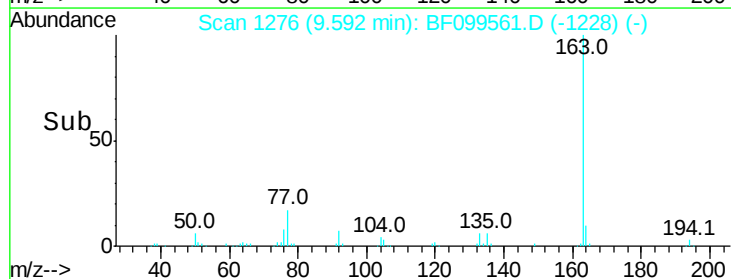
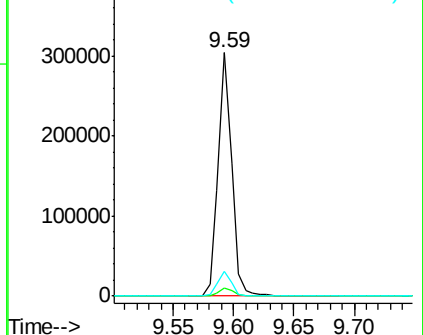


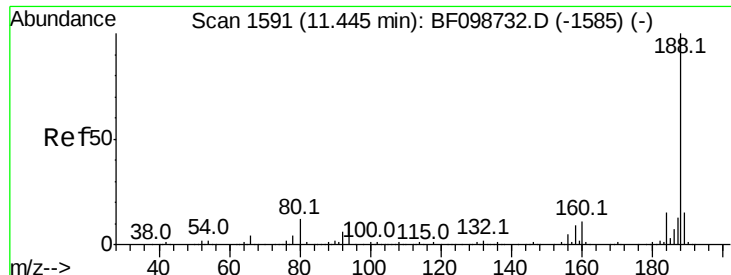
#49
 Dimethylphthalate
 Concen: 16.327 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF099561.D
 Acq: 16 Oct 2017 23:12

Tgt Ion:163 Resp: 235101
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.0 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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

Instrument :

BNA_F

ClientSampleId :

S5(1-3)

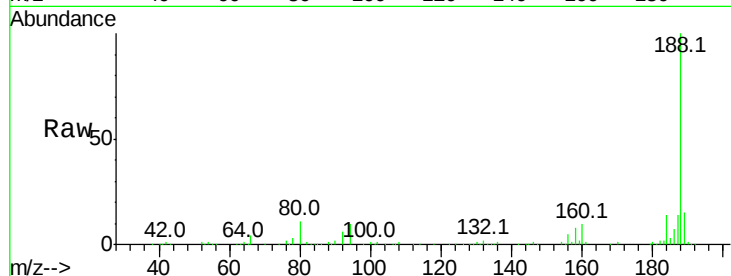
Tot Ion:188 Resp: 304573

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

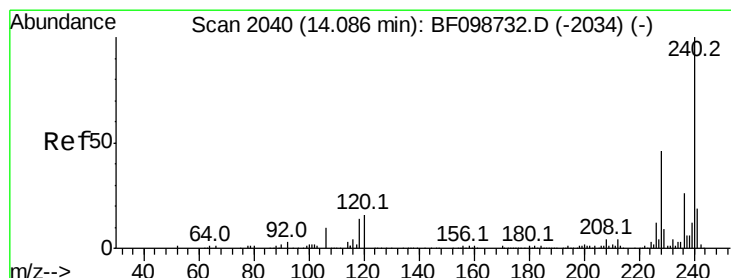
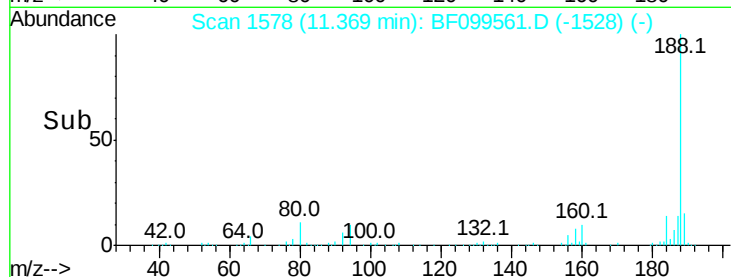
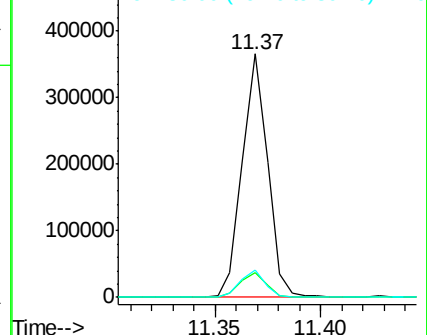
80 11.0 9.2 13.8



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: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

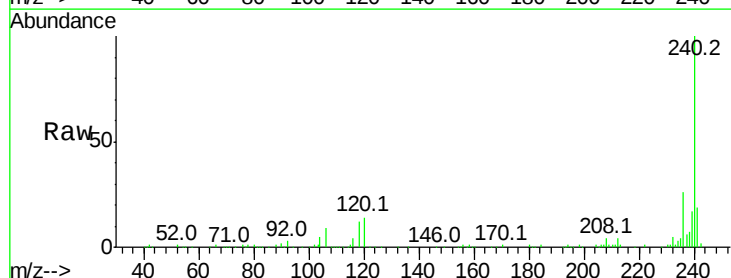
Tgt Ion:240 Resp: 189957

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

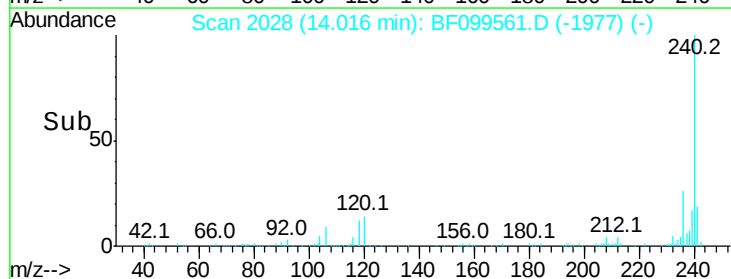
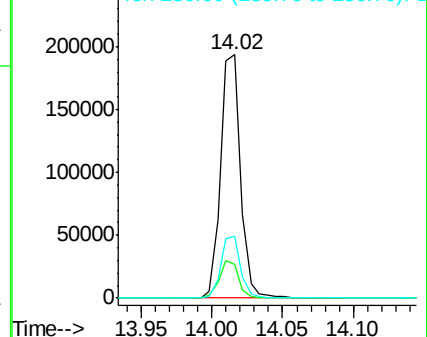
236 25.6 20.7 31.1

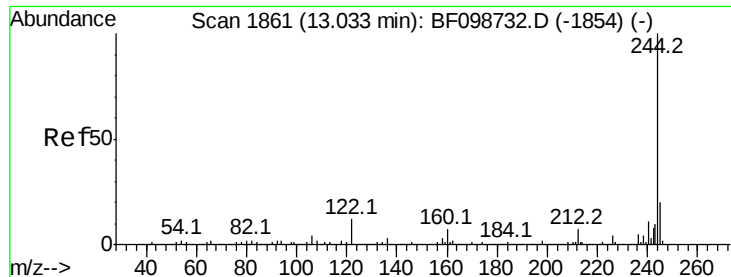


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.920 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

Instrument :

BNA_F

ClientSampleId :

S5(1-3)

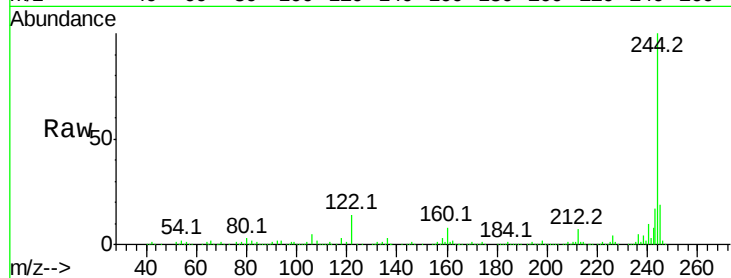
Tot Ion:244 Resp: 642485

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

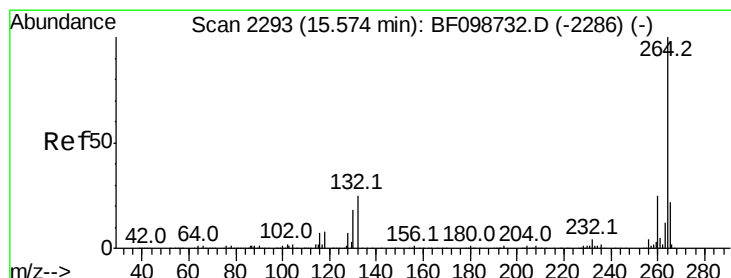
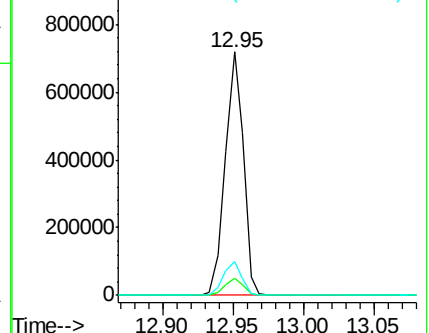
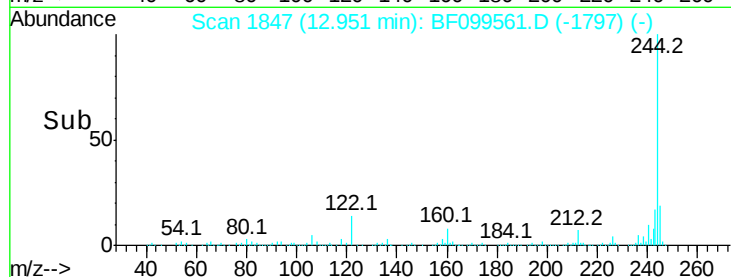
122 13.8 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099561.D

Acq: 16 Oct 2017 23:12

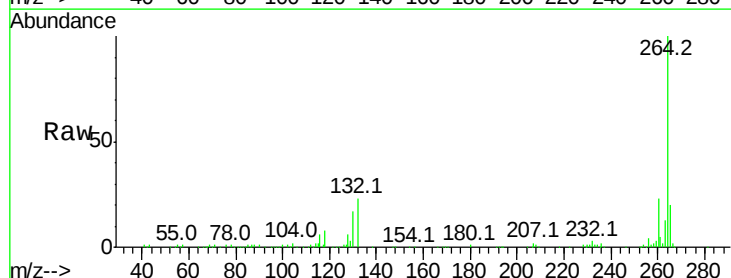
Tgt Ion:264 Resp: 195633

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.5 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

