

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098893.D
 Acq On : 28 Sep 2017 6:43
 Operator : SJ/JU
 Sample : I5443-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Quant Time: Sep 28 07:56:37 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

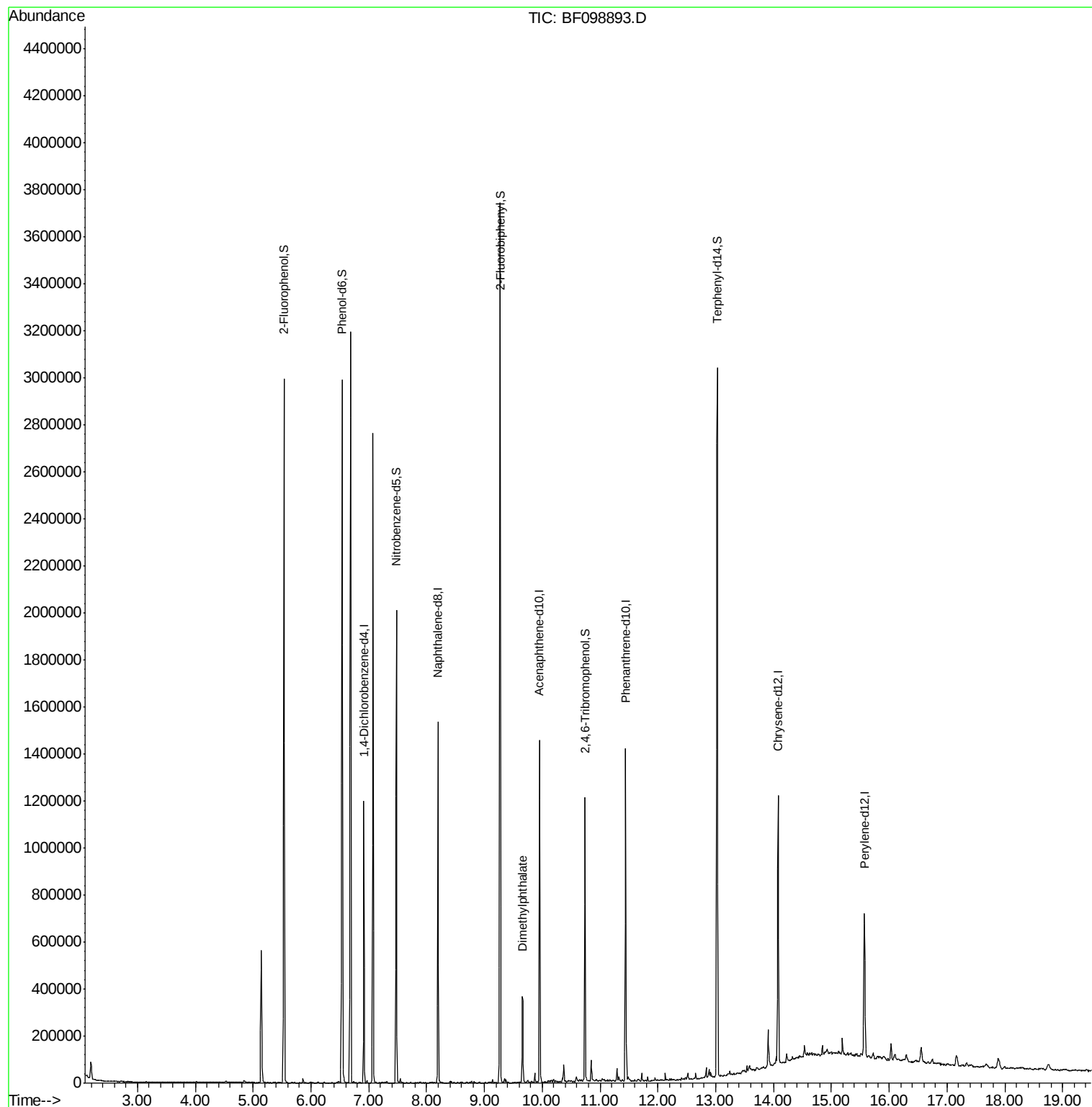
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	159561	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	649347	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	278655	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	455180	20.00	ng	0.00
75) Chrysene-d12	14.08	240	350852	20.00	ng	0.00
86) Perylene-d12	15.57	264	254222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	857381	85.54	ng	0.00
7) Phenol-d6	6.54	99	1142655	92.41	ng	0.00
23) Nitrobenzene-d5	7.47	82	707667	69.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	110830	48.61	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1222116	73.22	ng	0.00
78) Terphenyl-d14	13.03	244	974656	63.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	147575	7.017	ng	Qvalue 99

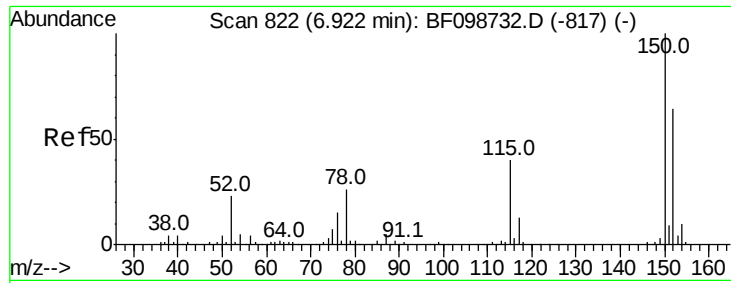
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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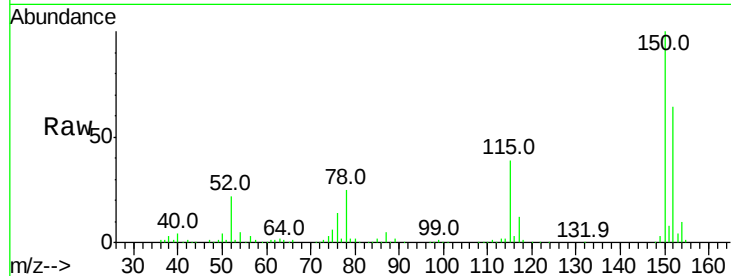


#1

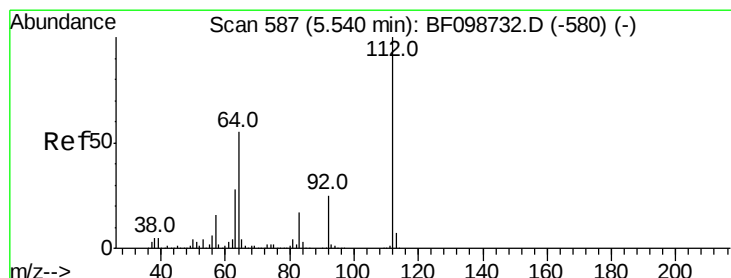
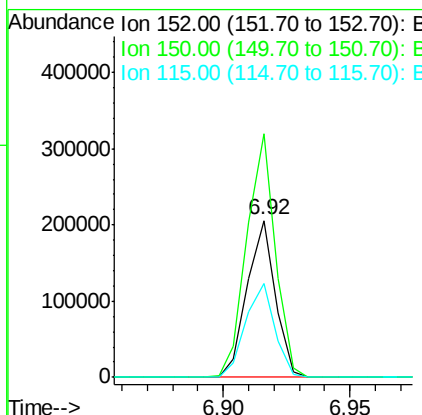
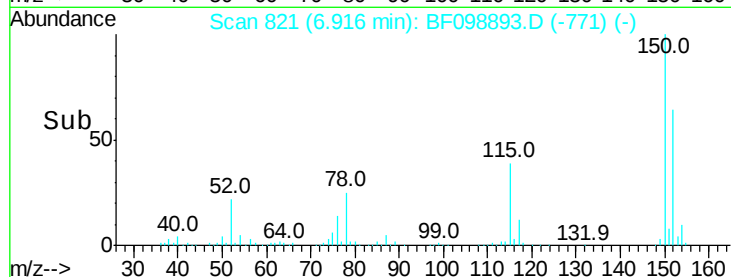
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098893.D
Acq: 28 Sep 2017 6:43

Instrument :
BNA_F
ClientSampleId :
B-2

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



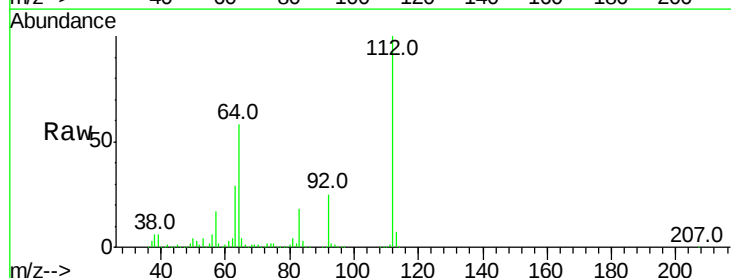
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



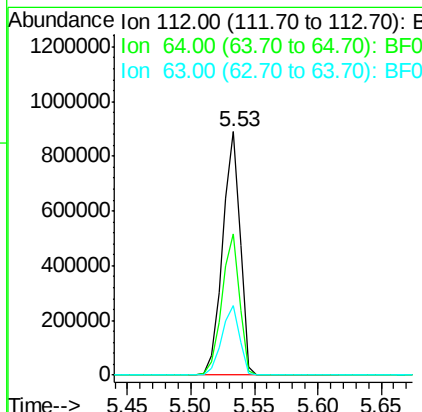
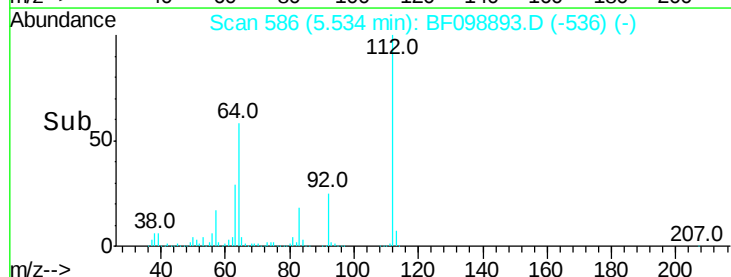
#5

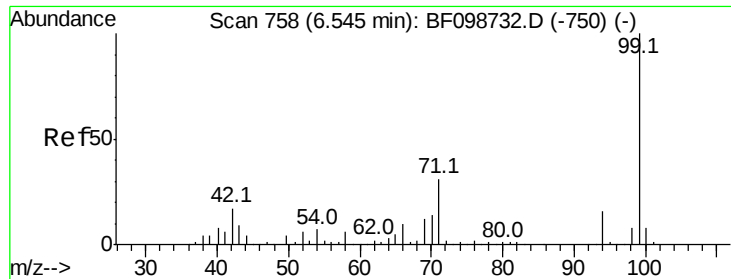
2-Fluorophenol
Concen: 85.539 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098893.D
Acq: 28 Sep 2017 6:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	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: 92.411 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

Instrument :

BNA_F

ClientSampled :

B-2

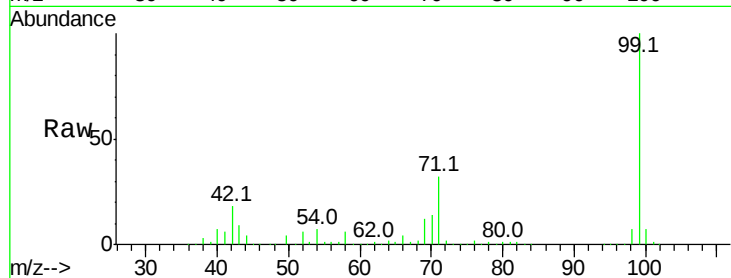
Tot Ion: 99 Resp: 1142655

Ion Ratio Lower Upper

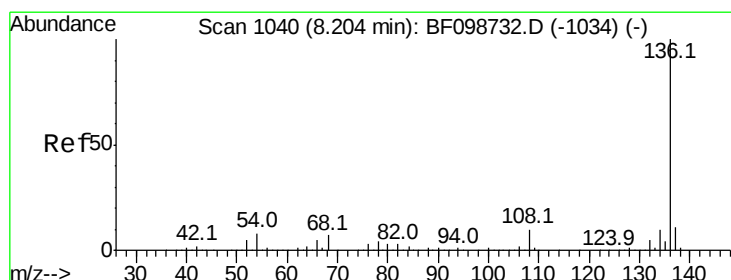
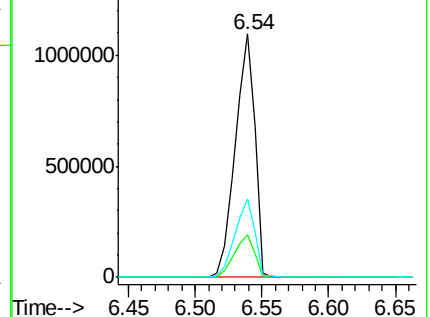
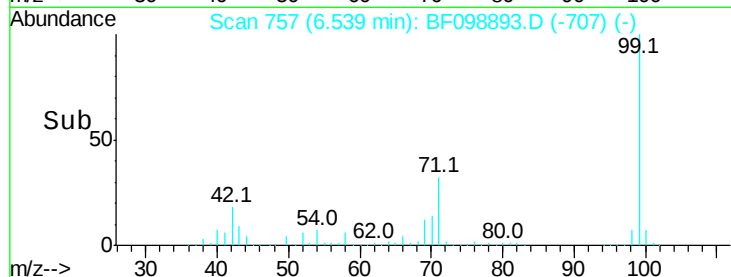
99 100

42 17.7 14.5 21.7

71 32.3 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: BF098893.D

Acq: 28 Sep 2017 6:43

Tgt Ion: 136 Resp: 649347

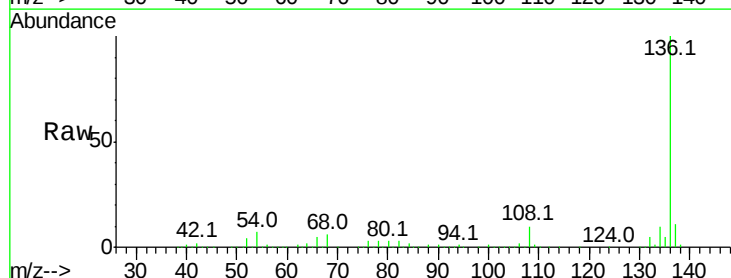
Ion Ratio Lower Upper

136 100

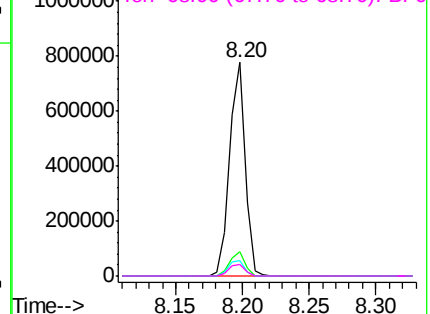
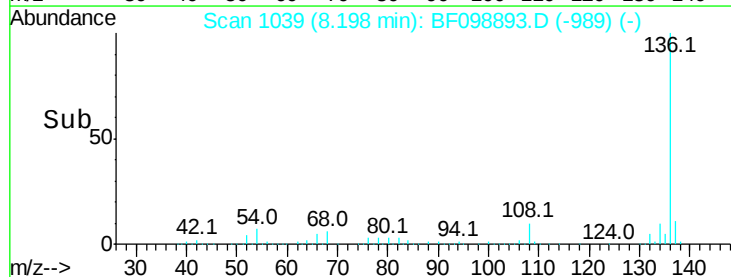
137 11.2 8.9 13.3

54 7.3 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

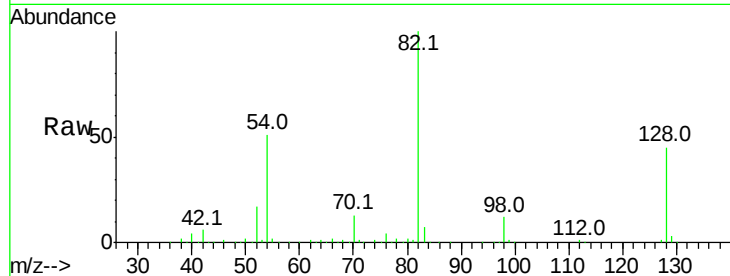




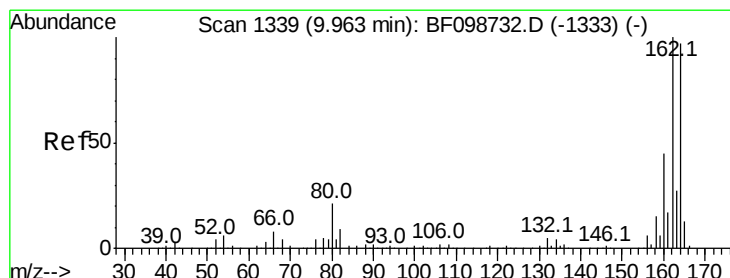
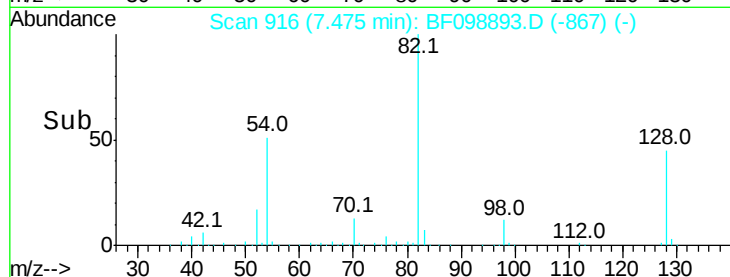
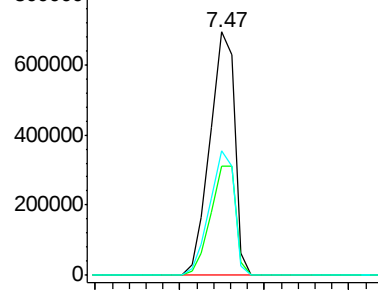
#23
 Nitrobenzene-d5
 Concen: 69.890 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098893.D
 Acq: 28 Sep 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	51.2	41.4	62.2

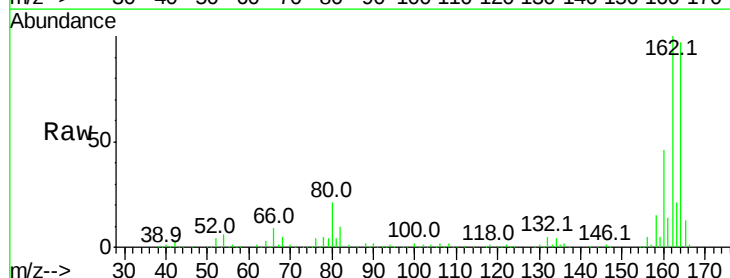


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

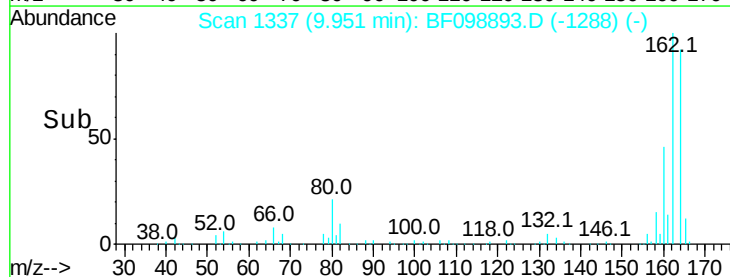
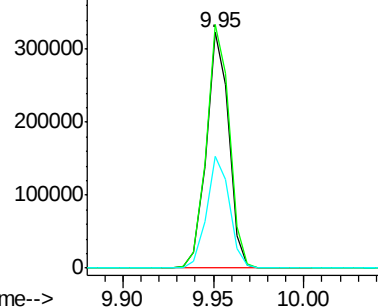


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098893.D
 Acq: 28 Sep 2017 6:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	47.1	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

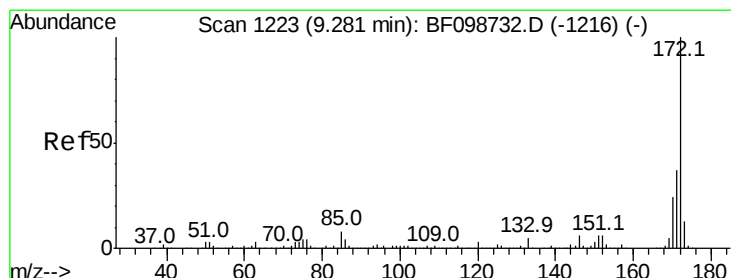
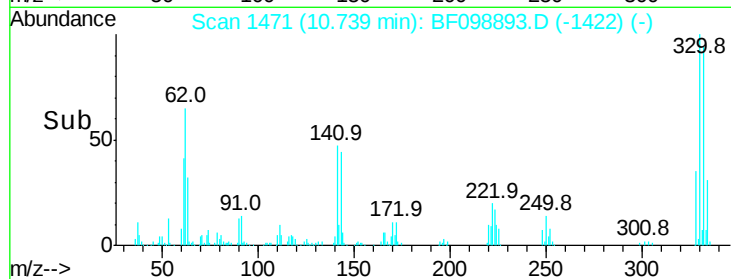
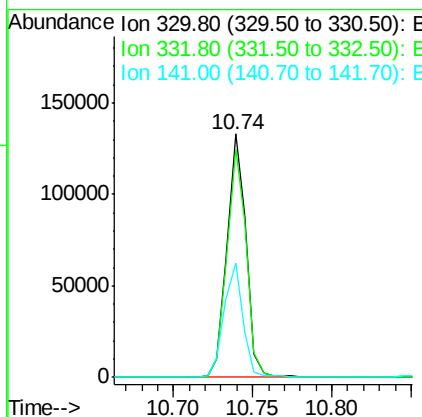
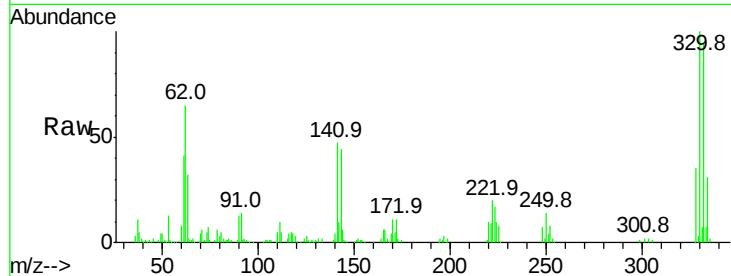




#41
 2,4,6-Tribromophenol
 Concen: 48.606 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098893.D
 Acq: 28 Sep 2017 6:43

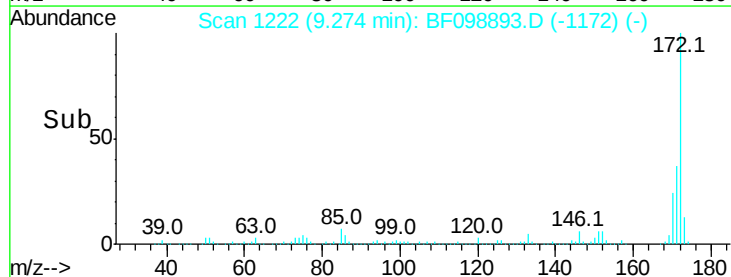
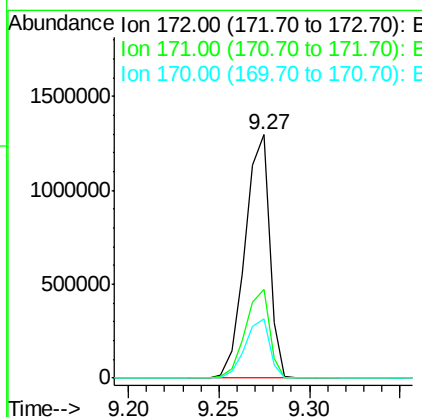
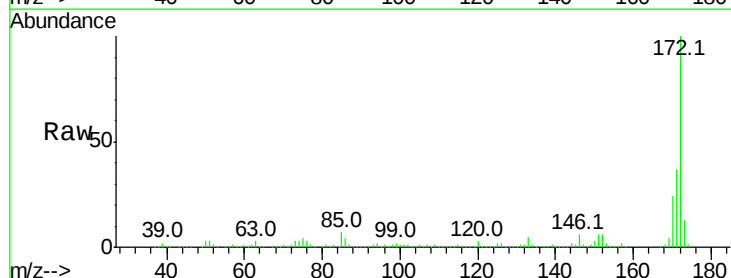
Instrument :
 BNA_F
 ClientSampled :
 B-2

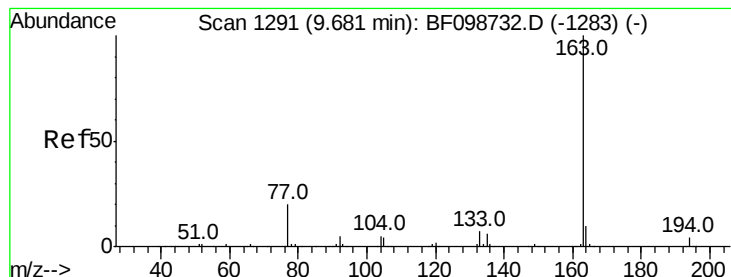
Tot Ion:330 Resp: 110830
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 46.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 73.217 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098893.D
 Acq: 28 Sep 2017 6:43

Tgt Ion:172 Resp: 1222116
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 19.6 29.4





#49

Dimethylphthalate

Concen: 7.017 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

Instrument :

BNA_F

ClientSampleId :

B-2

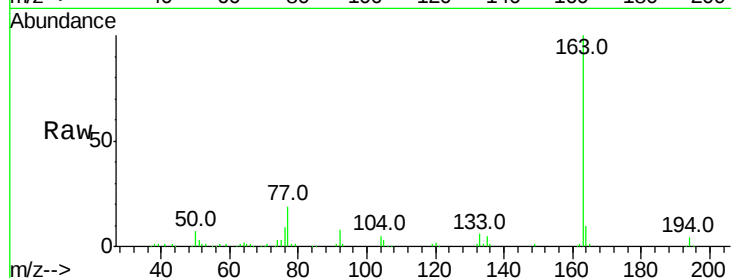
Tot Ion:163 Resp: 147575

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

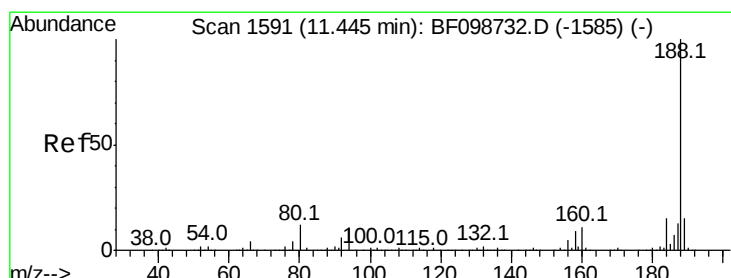
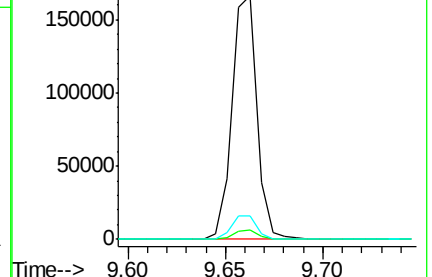
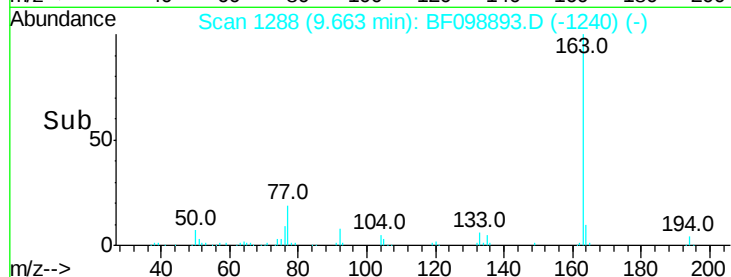
164 9.8 8.2 12.2



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: BF098893.D

Acq: 28 Sep 2017 6:43

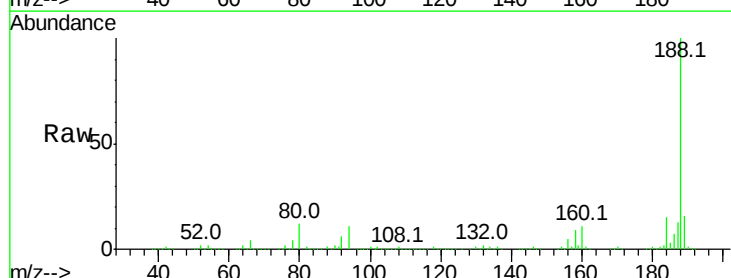
Tgt Ion:188 Resp: 455180

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

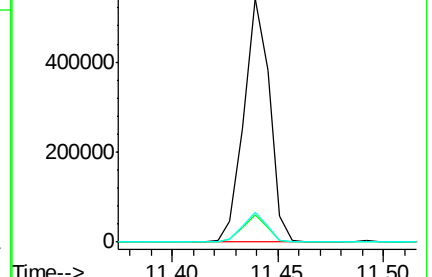
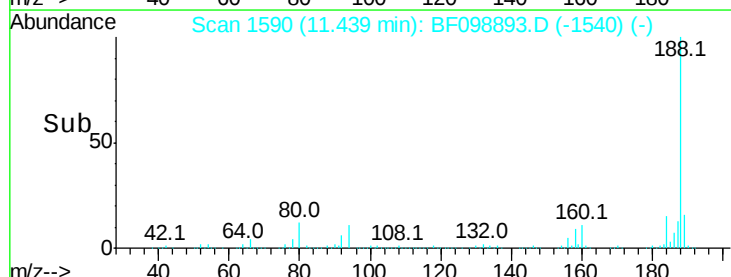
80 12.3 9.2 13.8

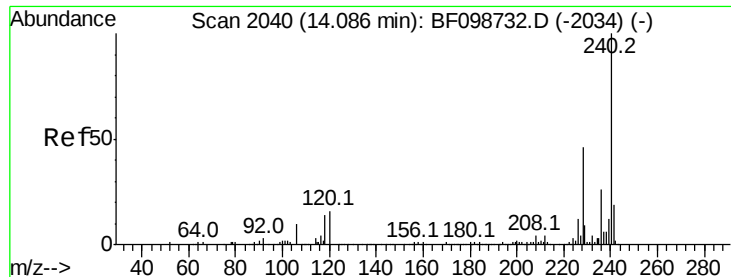


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF098893.D

Acq: 28 Sep 2017 6:43

Instrument :

BNA_F

ClientSampled :

B-2

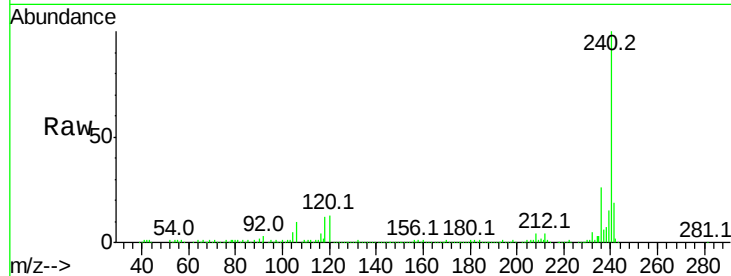
Tot Ion:240 Resp: 350852

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

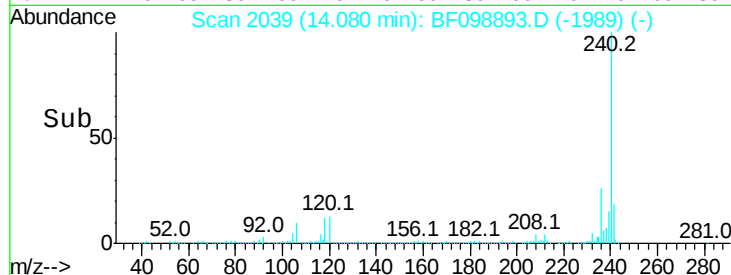
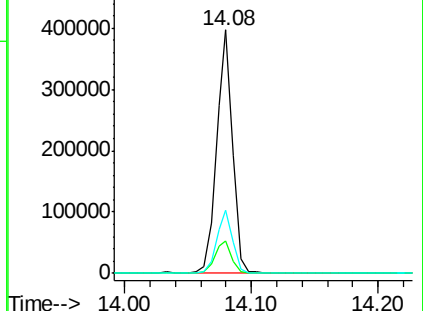
236 26.2 20.7 31.1



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: 63.177 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

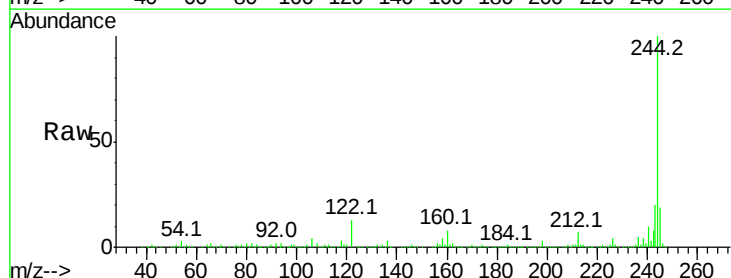
Tgt Ion:244 Resp: 974656

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

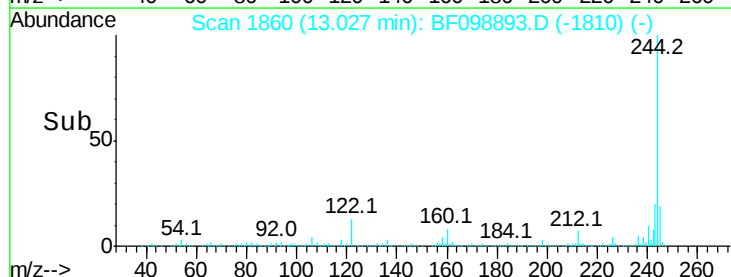
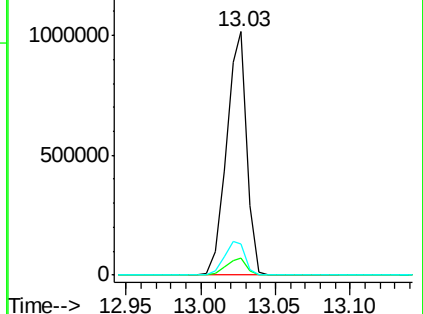
122 12.9 11.0 16.4

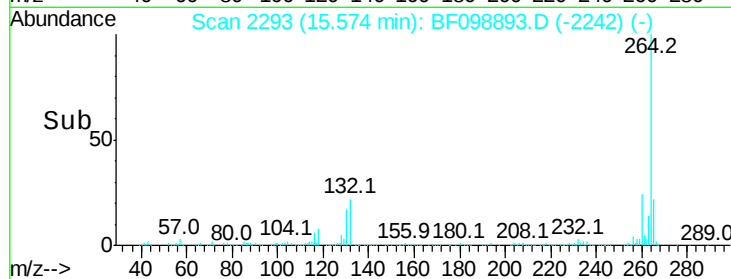
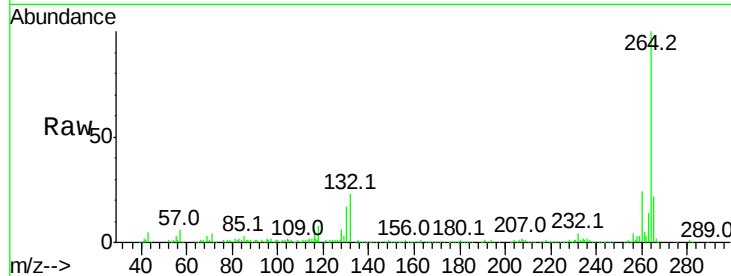
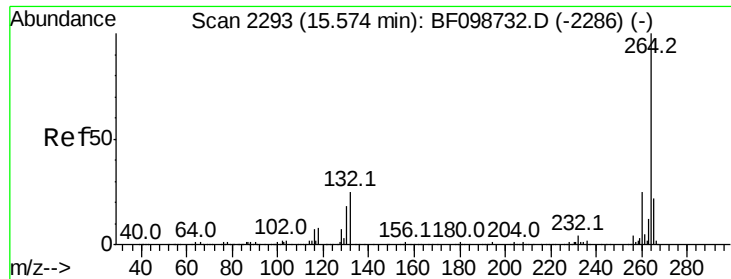


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2293

Delta R.T. -0.00 min

Lab File: BF098893.D

Acq: 28 Sep 2017 6:43

Instrument :

BNA_F

ClientSampleId :

B-2

Tot Ion:264 Resp: 254222

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.6 17.5 26.3

