

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094511.D
 Acq On : 19 Apr 2017 2:41
 Operator : SJ/MA
 Sample : I2707-03 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 04:32:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

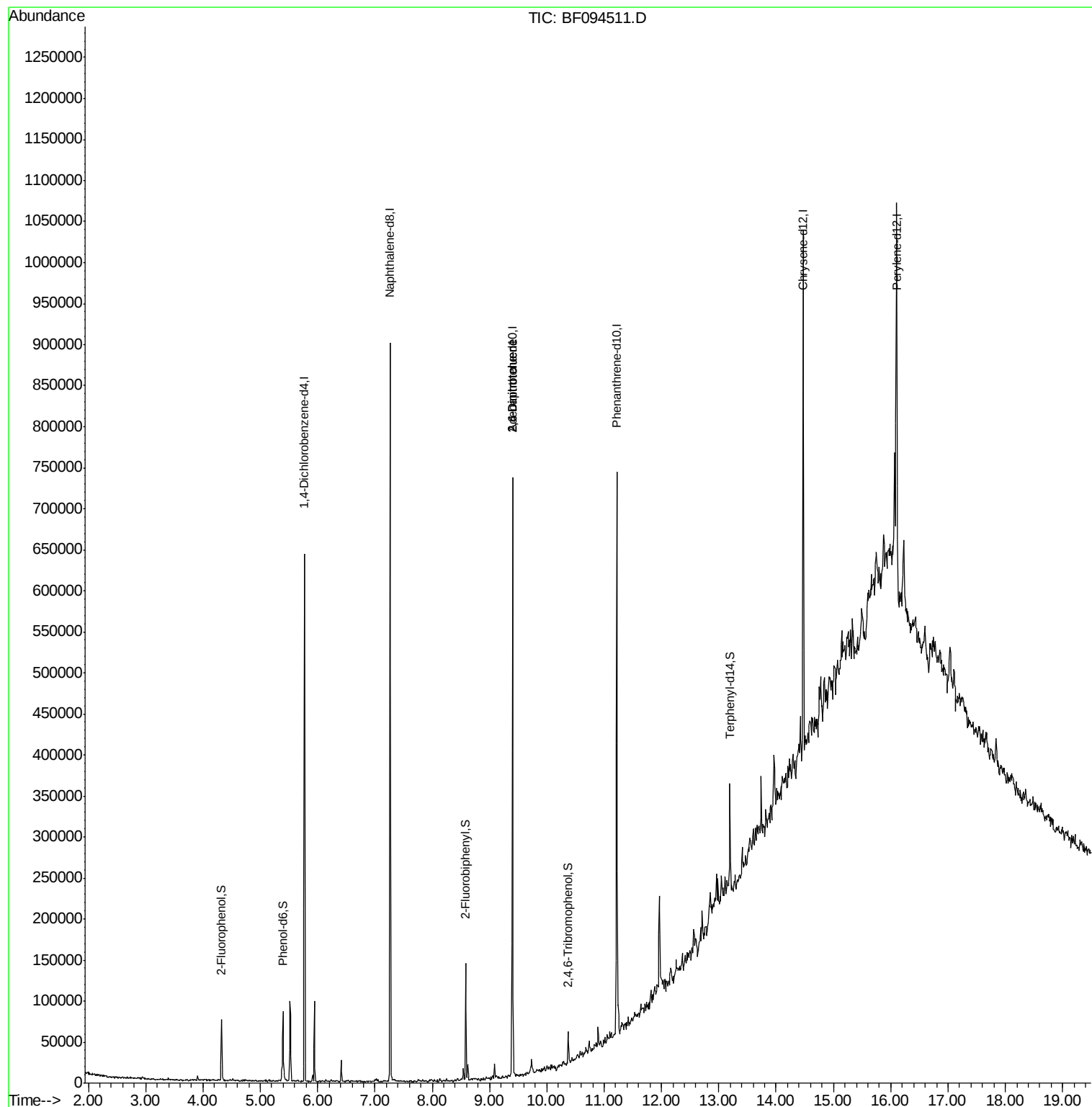
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	108322	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	405893	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	148989	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	273985	20.00	ng	0.00
75) Chrysene-d12	14.47	240	242884	20.00	ng	0.00
86) Perylene-d12	16.10	264	183626	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	24479	3.75	ng	0.02
7) Phenol-d6	5.40	99	31533	4.10	ng	0.00
23) Nitrobenzene-d5	6.41	82	8848	1.35	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	3893	3.34	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	44500	4.39	ng	0.00
78) Terphenyl-d14	13.20	244	37836	4.16	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.40	165	19730	7.92	ng	# 33
56) 2,4-Dinitrotoluene	9.40	165	19729	6.45	ng	# 32

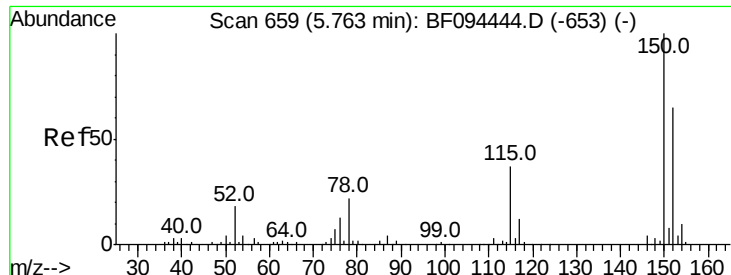
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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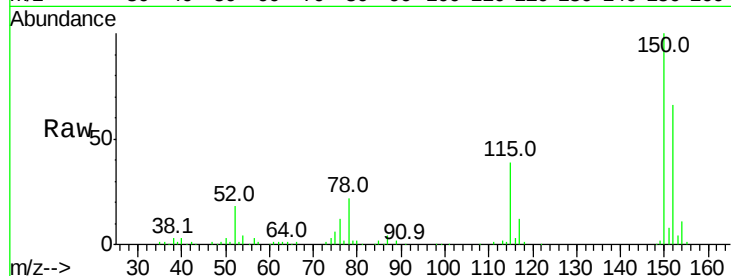


#1

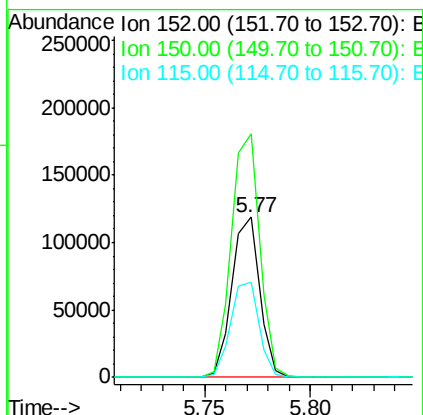
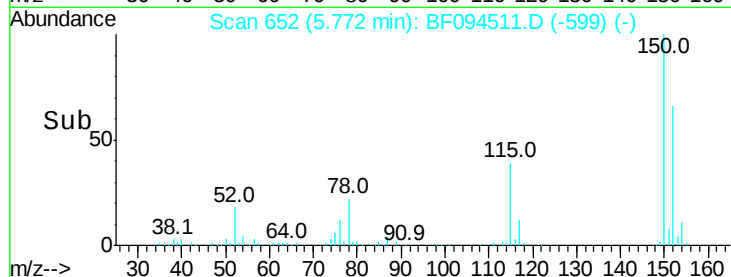
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094511.D
Acq: 19 Apr 2017 2:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108322
Ion Ratio Lower Upper
152 100
150 152.0 126.2 189.2
115 59.2 52.2 78.2



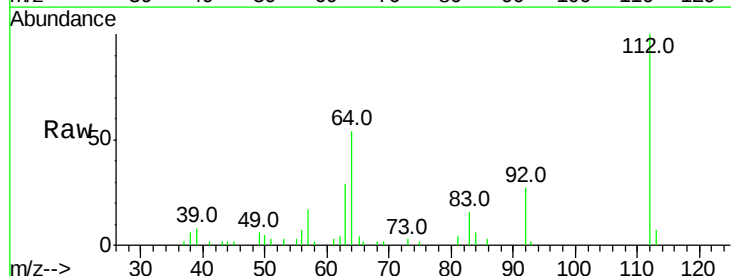
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



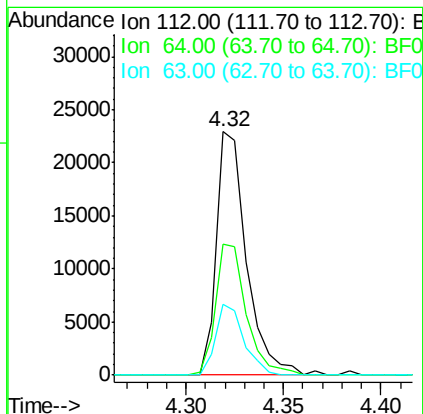
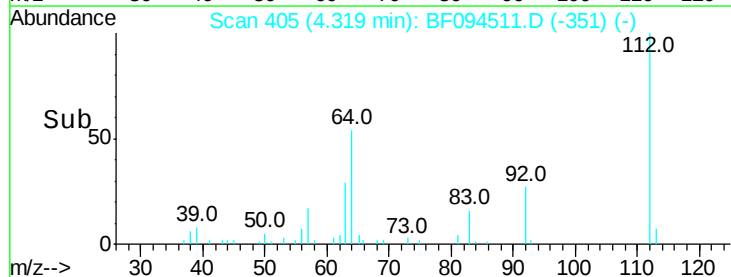
#5

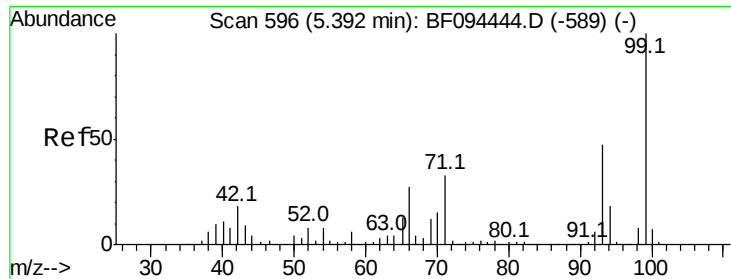
2-Fluorophenol
Concen: 3.75 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094511.D
Acq: 19 Apr 2017 2:41

Tgt Ion:112 Resp: 24479
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 29.0 23.4 35.0



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: 4.10 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094511.D

Acq: 19 Apr 2017 2:41

Instrument :

BNA_F

ClientSampleId :

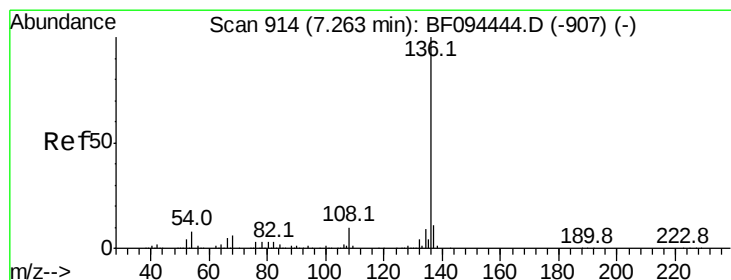
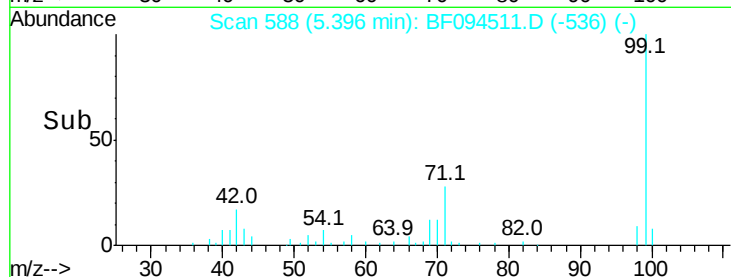
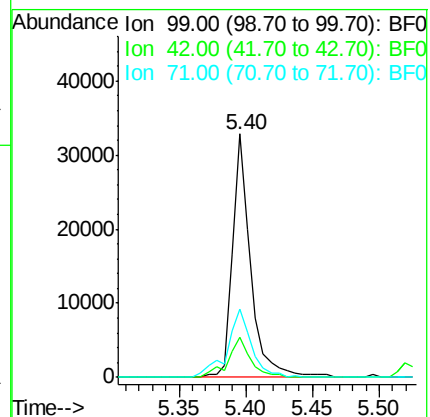
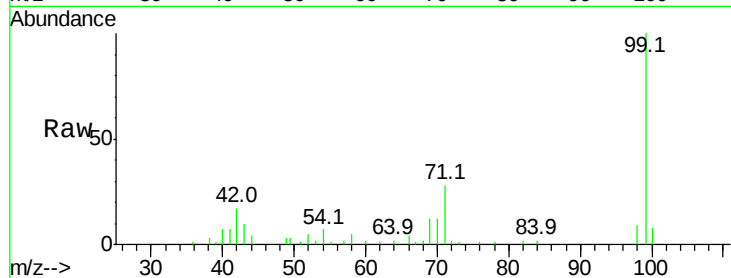
Tot Ion: 99 Resp: 31533

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 27.9 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094511.D

Acq: 19 Apr 2017 2:41

Tgt Ion: 136 Resp: 405893

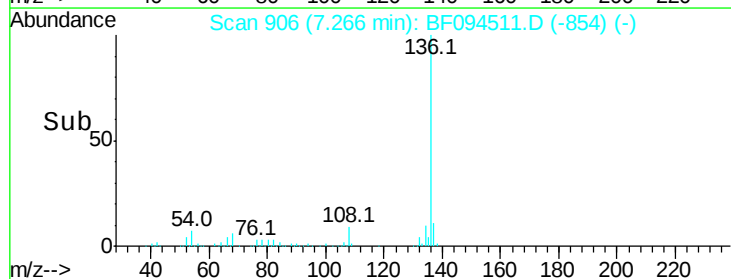
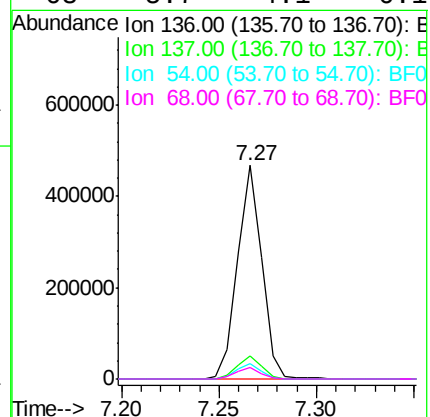
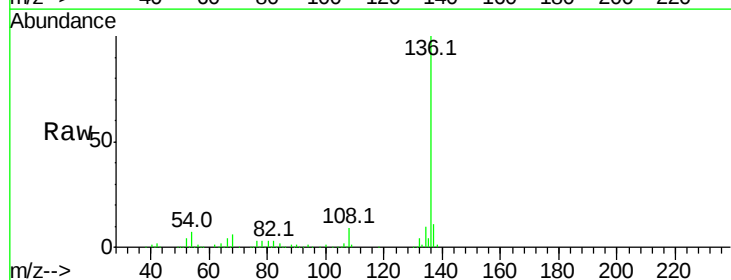
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

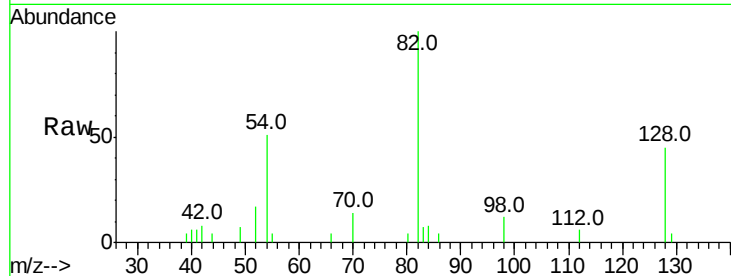




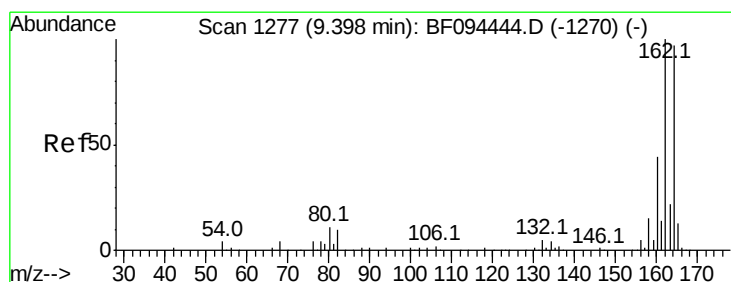
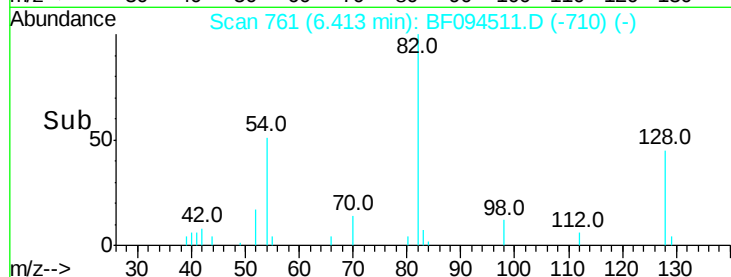
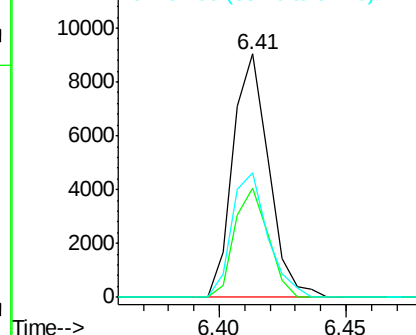
#23
 Nitrobenzene-d5
 Concen: 1.35 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094511.D
 Acq: 19 Apr 2017 2:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 8848
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.0 51.0
 54 51.0 42.2 63.2

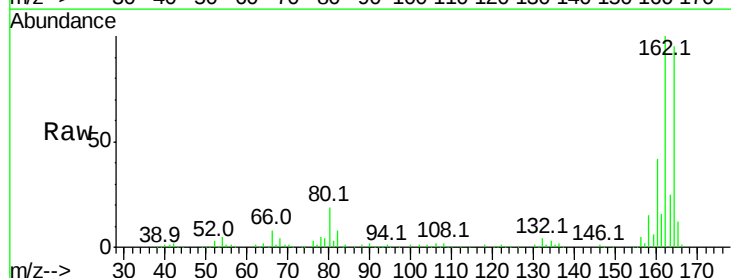


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

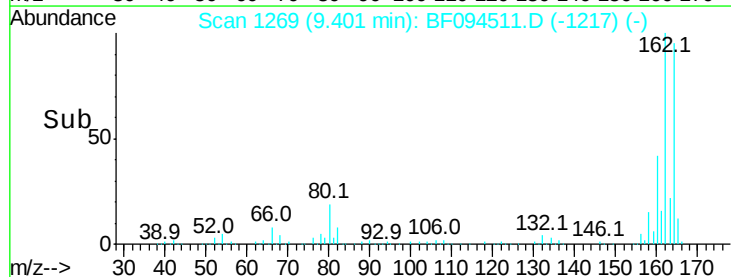
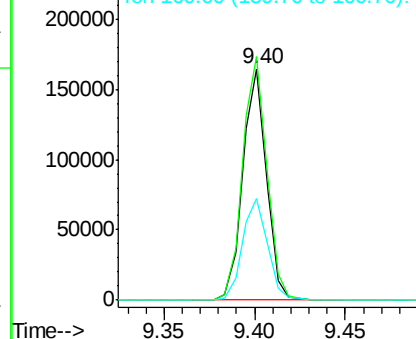


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094511.D
 Acq: 19 Apr 2017 2:41

Tgt Ion:164 Resp: 148989
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 44.2 36.2 54.2



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

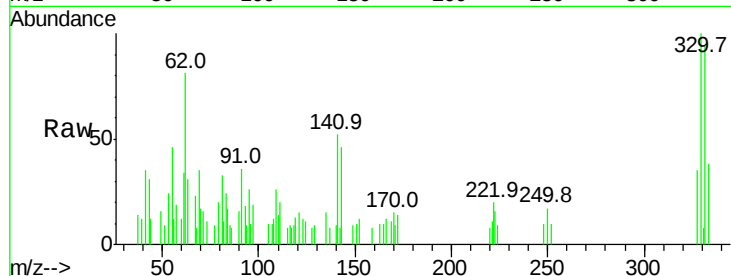




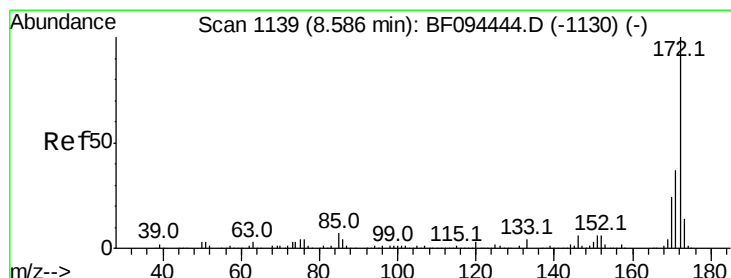
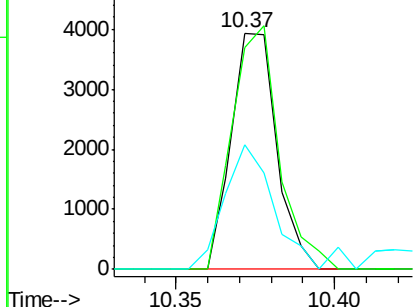
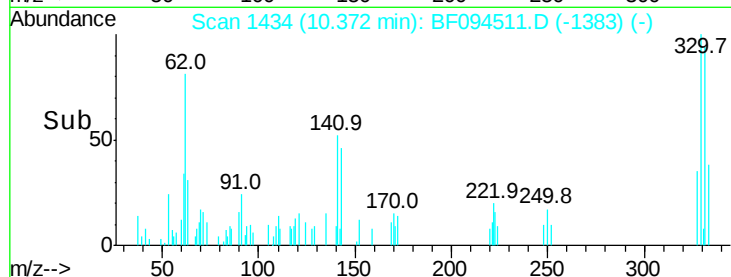
#41
 2,4,6-Tribromophenol
 Concen: 3.34 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094511.D
 Acq: 19 Apr 2017 2:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 3893
 Ion Ratio Lower Upper
 330 100
 332 106.8 76.6 115.0
 141 56.4 31.4 47.2#

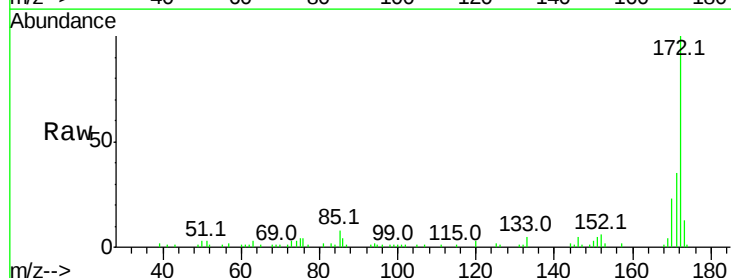


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

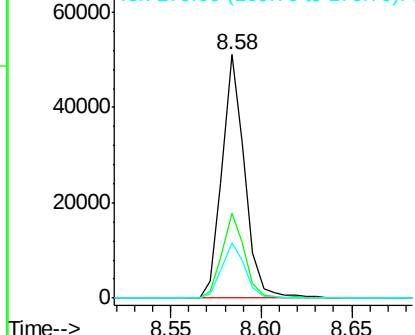
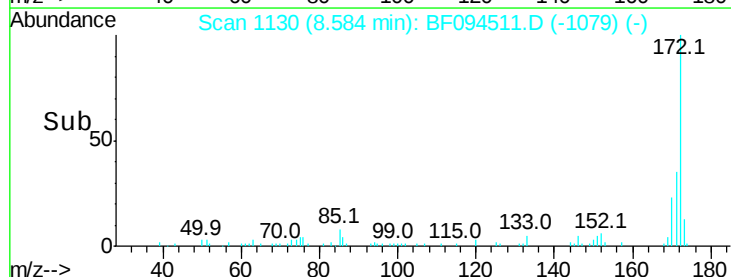


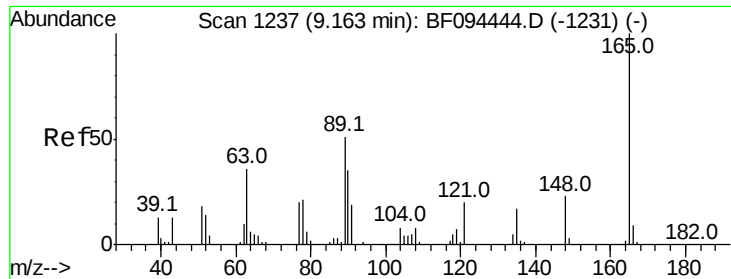
#44
 2-Fluorobiphenyl
 Concen: 4.39 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094511.D
 Acq: 19 Apr 2017 2:41

Tgt Ion:172 Resp: 44500
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 22.6 19.8 29.8



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





#50

2,6-Dinitrotoluene

Concen: 7.92 ng

RT: 9.40 min Scan# 1269

Delta R.T. 0.24 min

Lab File: BF094511.D

Acq: 19 Apr 2017 2:41

Instrument :

BNA_F

ClientSampleId :

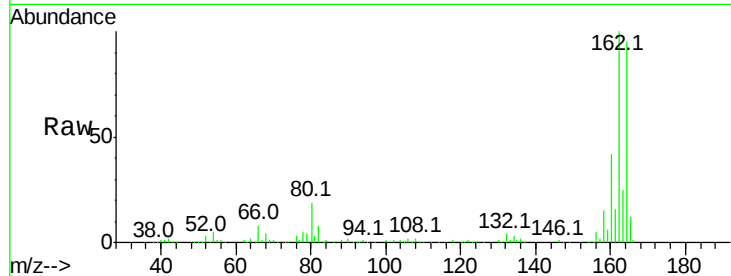
Tot Ion:165 Resp: 19730

Ion Ratio Lower Upper

165 100

63 1.6 34.3 51.5#

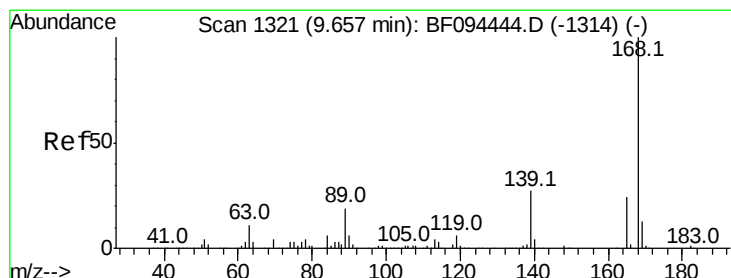
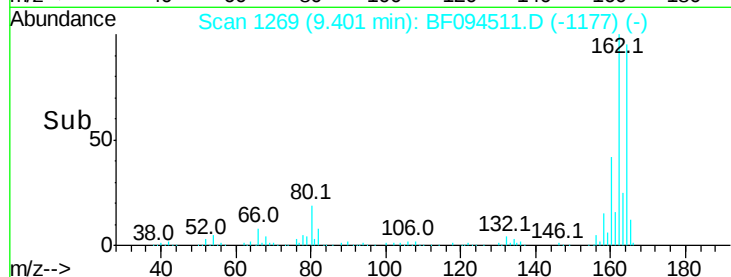
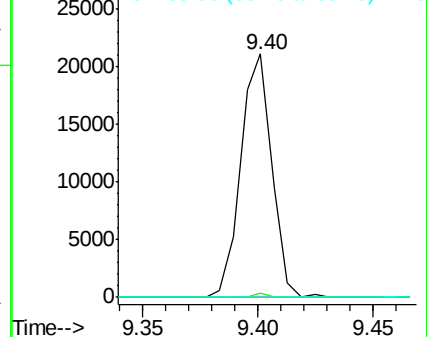
89 0.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.45 ng

RT: 9.40 min Scan# 1269

Delta R.T. -0.26 min

Lab File: BF094511.D

Acq: 19 Apr 2017 2:41

Tgt Ion:165 Resp: 19729

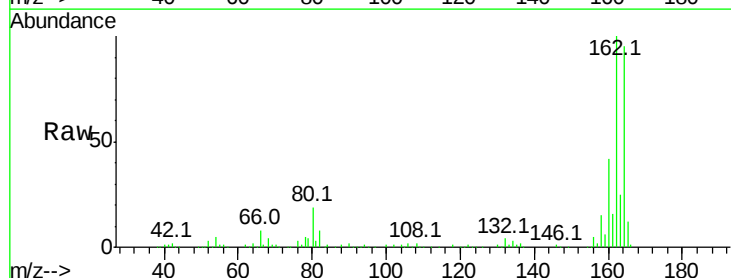
Ion Ratio Lower Upper

165 100

63 1.6 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

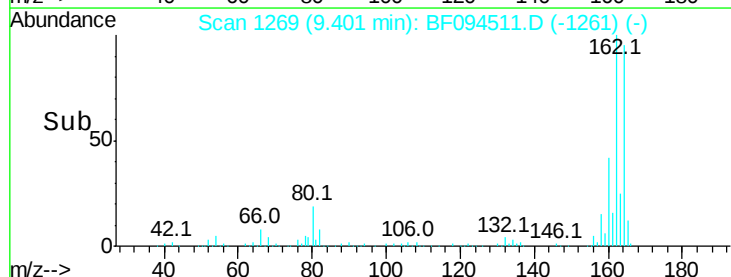
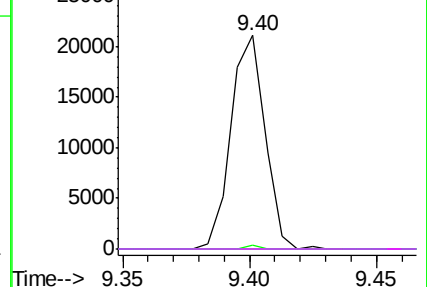


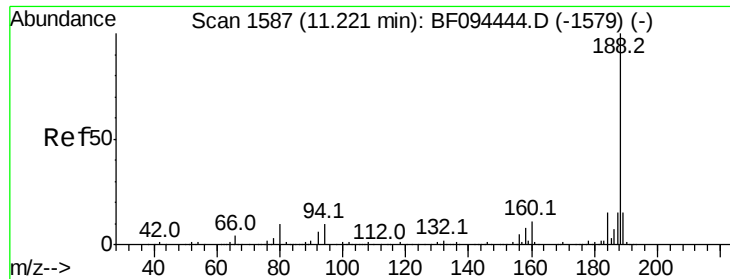
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

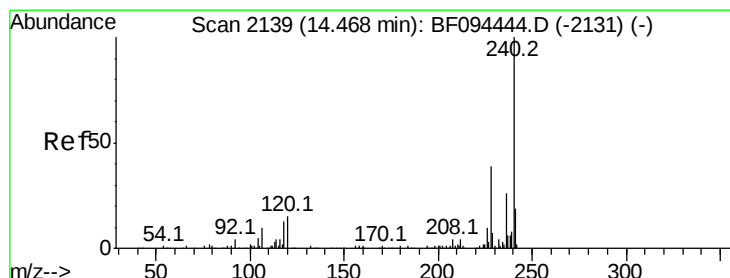
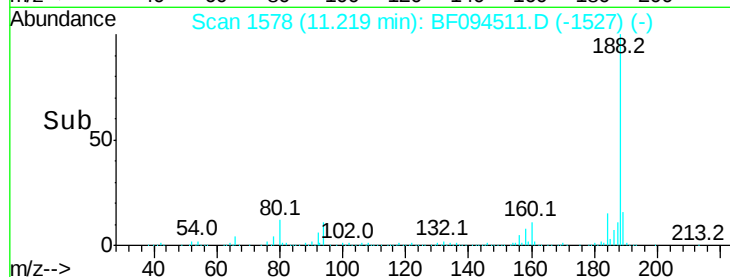
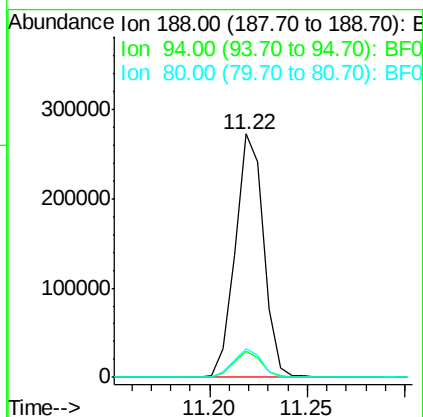
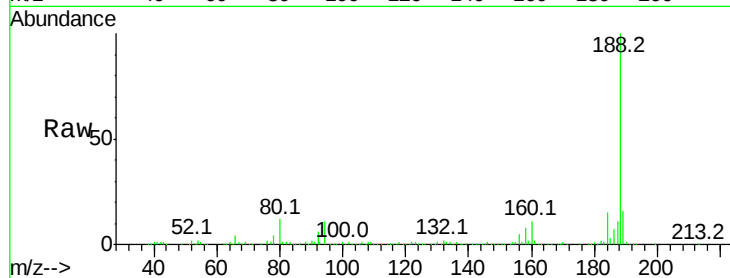




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094511.D
Acq: 19 Apr 2017 2:41

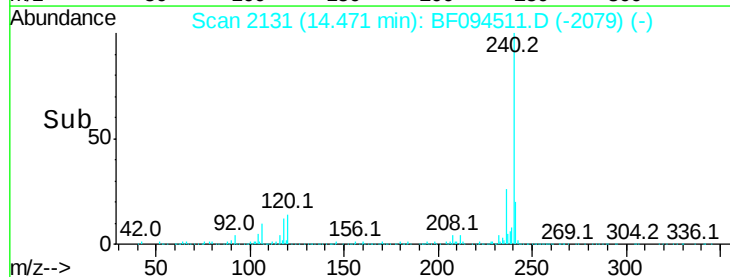
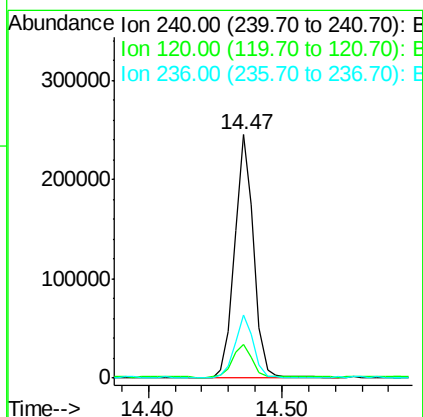
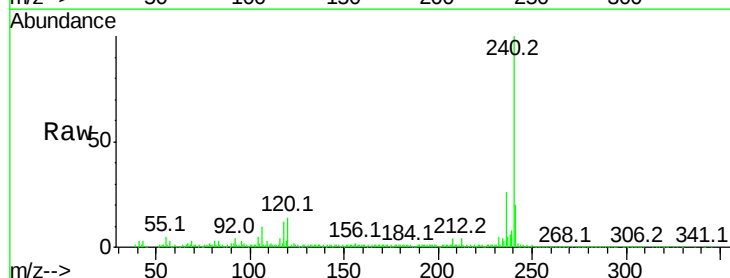
Instrument :
BNA_F
ClientSampleId :

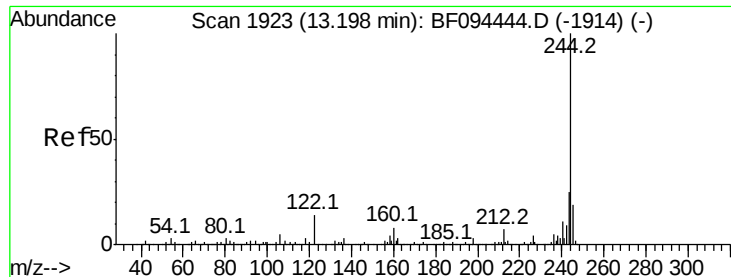
Tot Ion:188 Resp: 273985
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094511.D
Acq: 19 Apr 2017 2:41

Tgt Ion:240 Resp: 242884
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 25.9 20.5 30.7





#78

Terphenyl-d14

Concen: 4.16 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094511.D

Acq: 19 Apr 2017 2:41

Instrument :

BNA_F

ClientSampled :

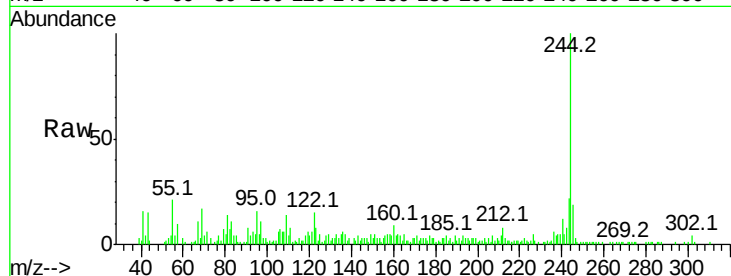
Tot Ion:244 Resp: 37836

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

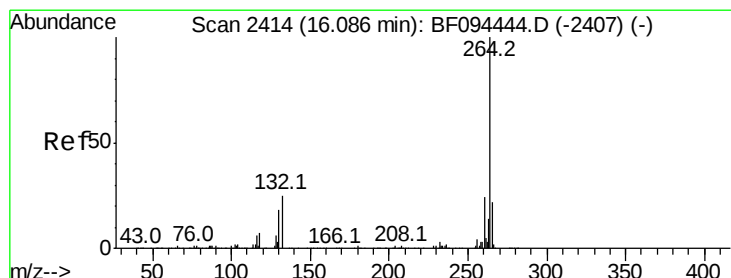
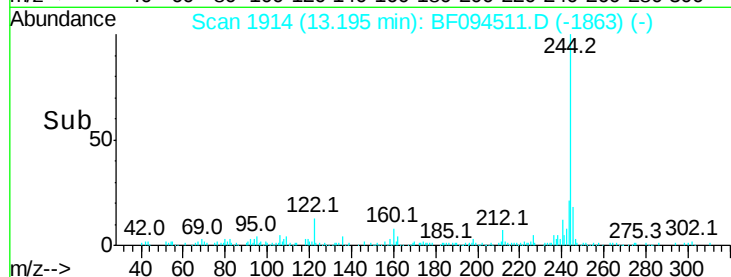
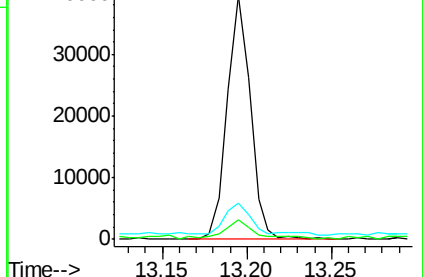
122 14.9 10.3 15.5



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: 20.00 ng

RT: 16.10 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BF094511.D

Acq: 19 Apr 2017 2:41

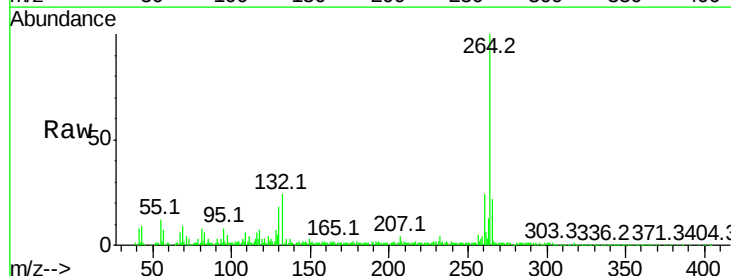
Tgt Ion:264 Resp: 183626

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.0 17.2 25.8



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

