

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094539.D
 Acq On : 20 Apr 2017 12:42
 Operator : SJ/MA
 Sample : I2744-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:27:21 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

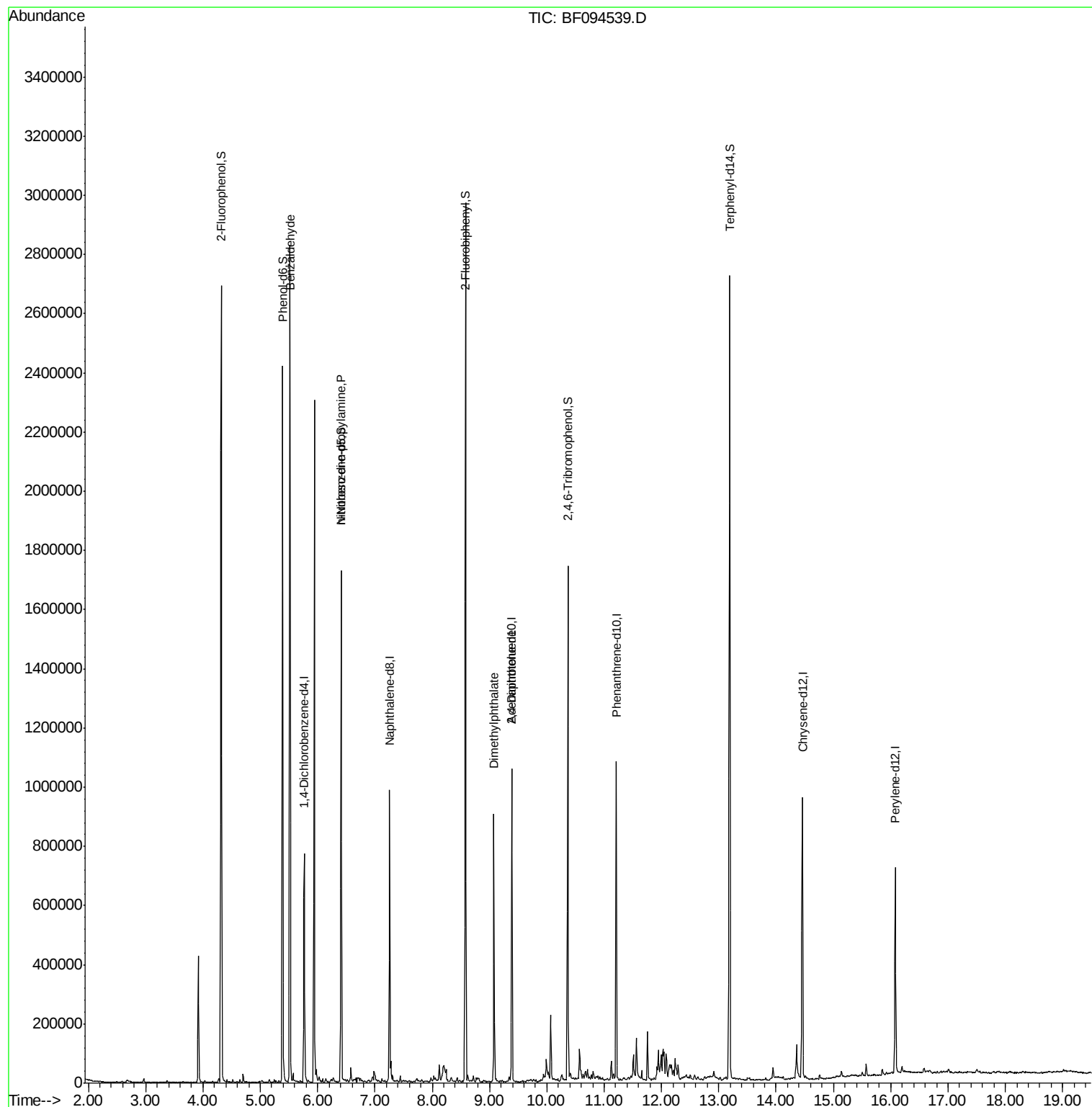
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	119826	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	483953	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	223147	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	437471	20.00	ng	0.00
75) Chrysene-d12	14.46	240	399410	20.00	ng	0.00
86) Perylene-d12	16.08	264	289500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	774676	107.26	ng	0.01
7) Phenol-d6	5.39	99	998037	117.21	ng	0.00
23) Nitrobenzene-d5	6.41	82	582704	74.35	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	211571	121.21	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1089074	71.81	ng	0.00
78) Terphenyl-d14	13.19	244	1048846	70.19	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	17040	2.63	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	6.41	70	76055	13.48	ng	# 78
49) Dimethylphthalate	9.08	163	411581	24.75	ng	98
56) 2,4-Dinitrotoluene	9.39	165	28388	6.20	ng	# 34

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

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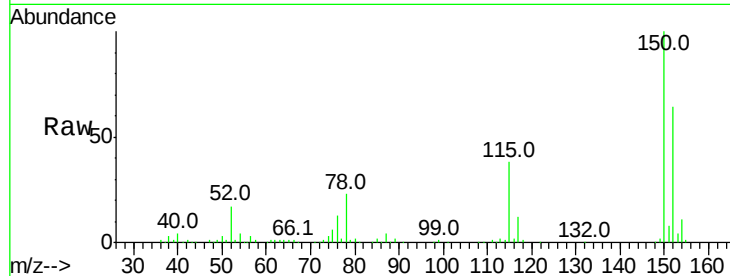


#1

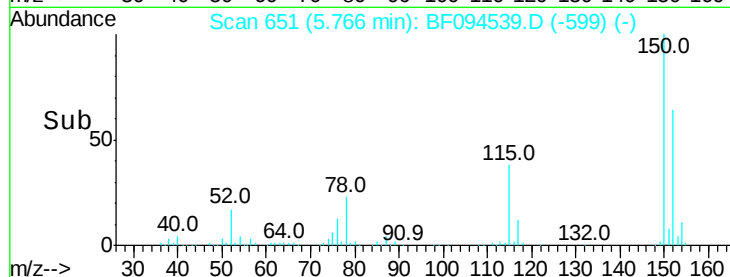
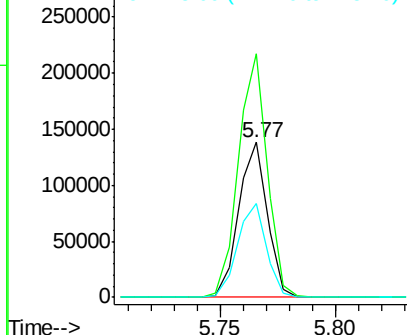
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094539.D
Acq: 20 Apr 2017 12:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119826
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 60.3 52.2 78.2



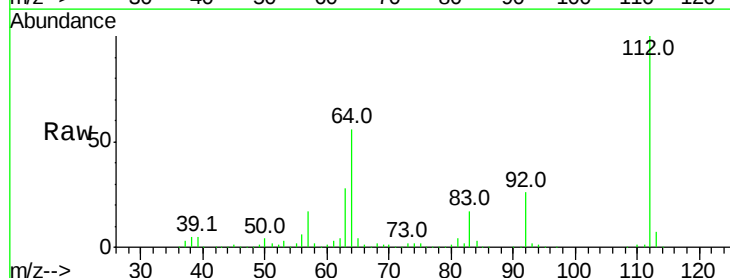
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



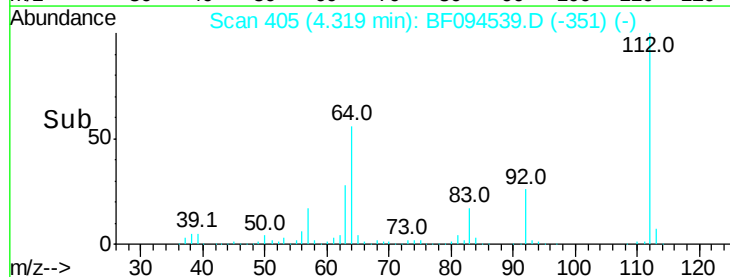
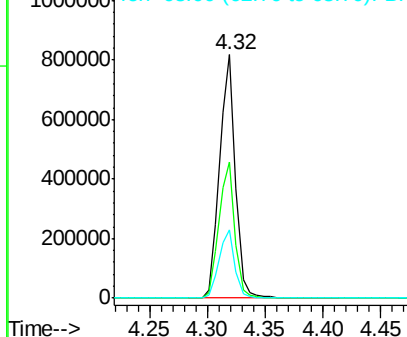
#5

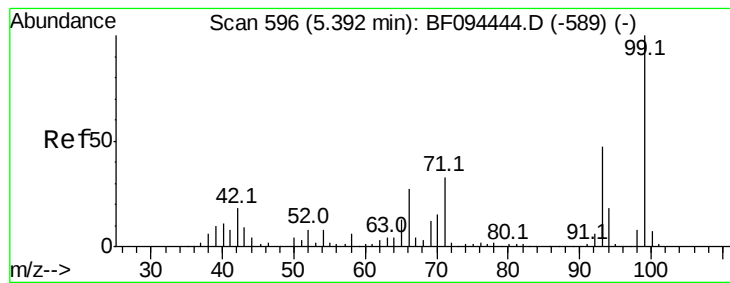
2-Fluorophenol
Concen: 107.26 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF094539.D
Acq: 20 Apr 2017 12:42

Tgt Ion:112 Resp: 774676
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 27.9 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: 117.21 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094539.D

Acq: 20 Apr 2017 12:42

Instrument :

BNA_F

ClientSampled :

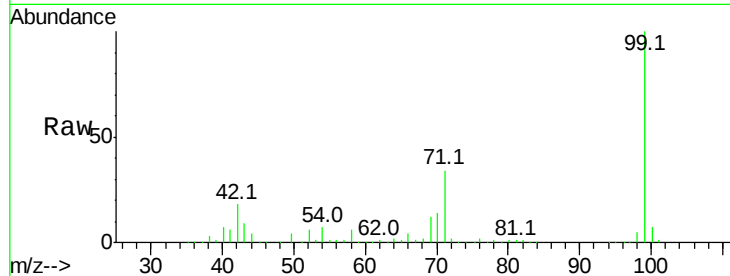
Tot Ion: 99 Resp: 998037

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

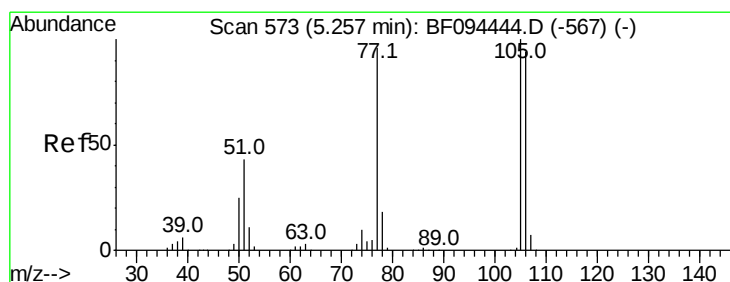
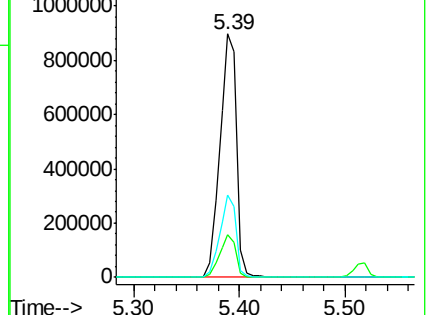
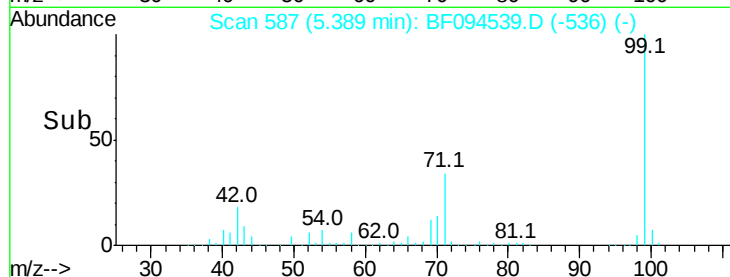
71 33.6 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.63 ng

RT: 5.52 min Scan# 609

Delta R.T. 0.26 min

Lab File: BF094539.D

Acq: 20 Apr 2017 12:42

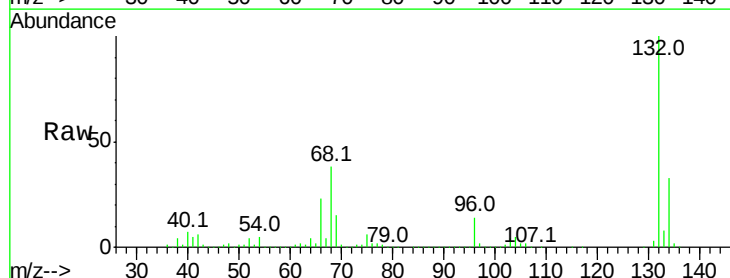
Tgt Ion: 77 Resp: 17040

Ion Ratio Lower Upper

77 100

105 92.1 83.8 123.8

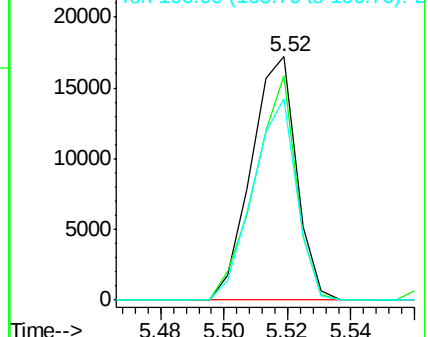
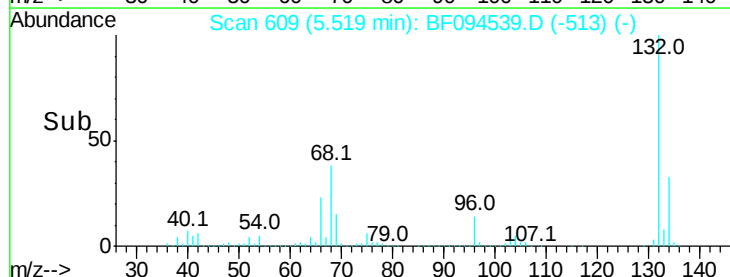
106 82.7 79.1 119.1

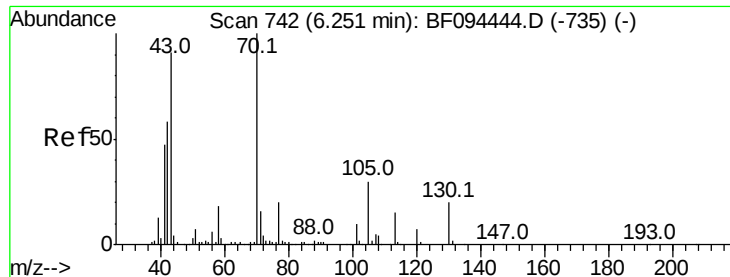


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 13.48 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094539.D

Acq: 20 Apr 2017 12:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 76055

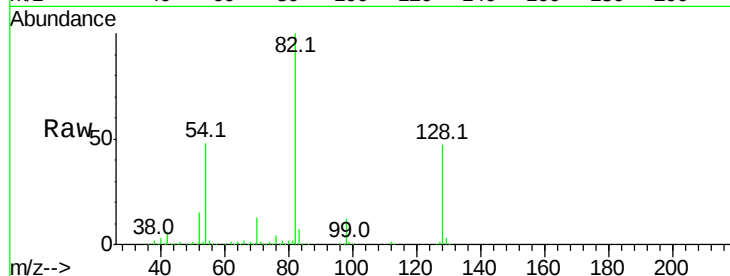
Ion Ratio Lower Upper

70 100

42 47.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

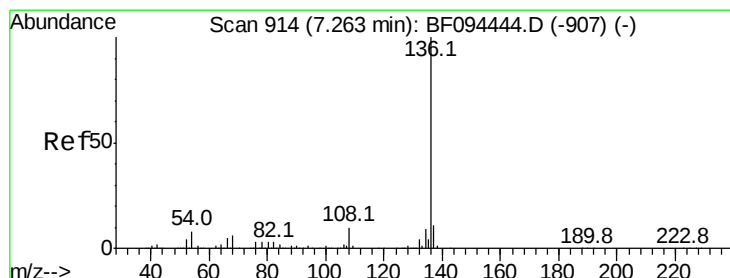
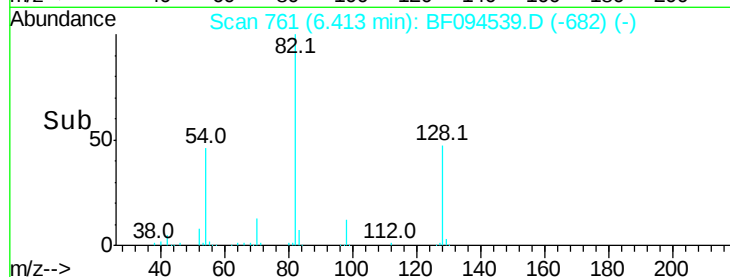
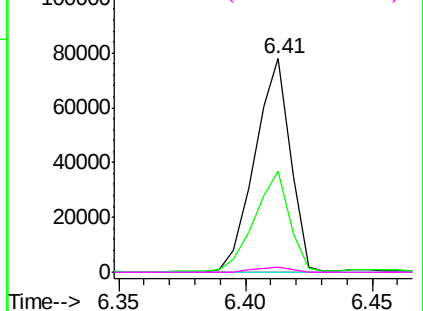


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094539.D

Acq: 20 Apr 2017 12:42

Tgt Ion: 136 Resp: 483953

Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.3 4.9 7.3

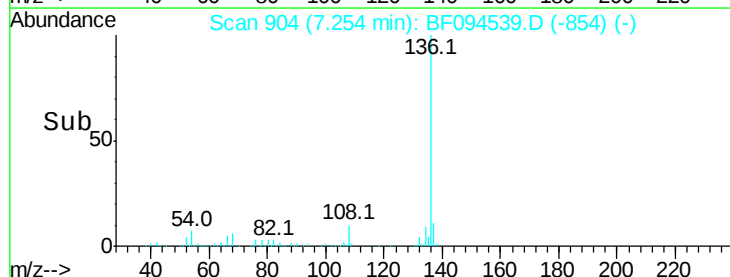
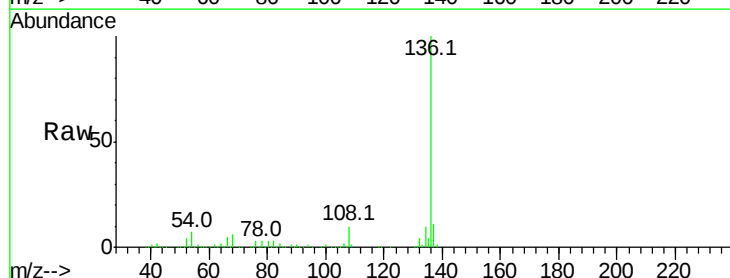
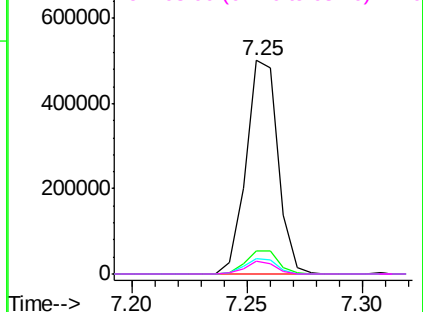
68 5.9 4.1 6.1

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

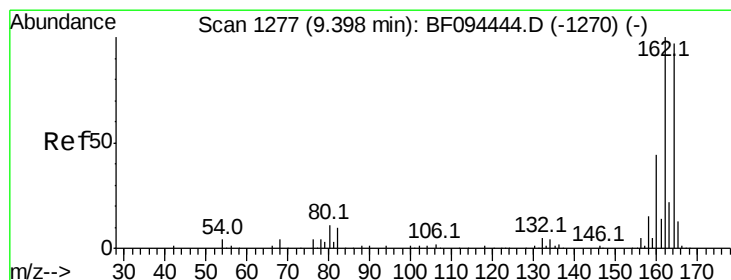
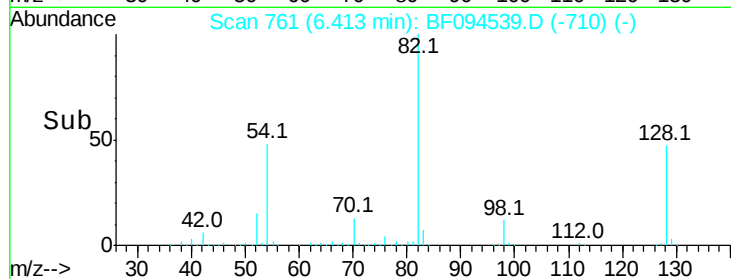
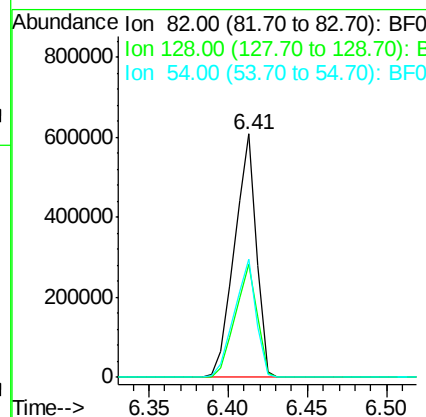
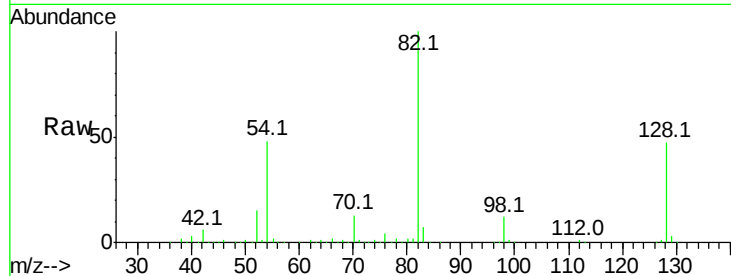




#23
 Nitrobenzene-d5
 Concen: 74.35 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

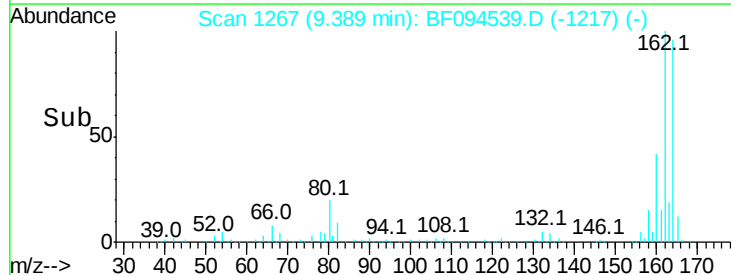
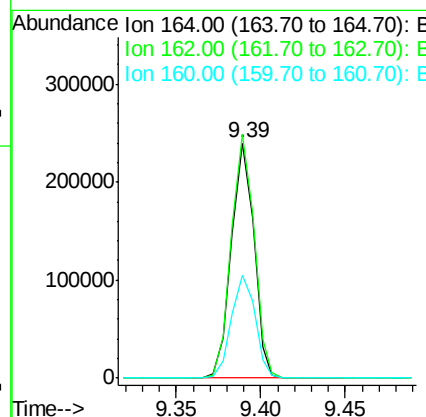
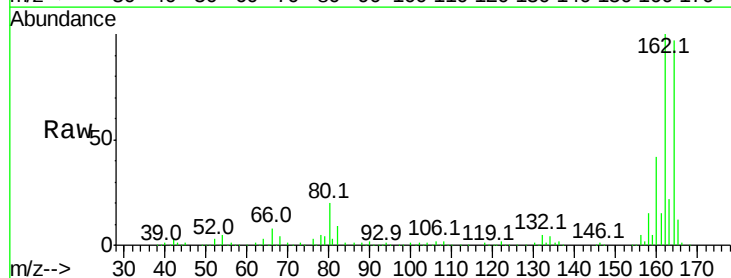
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	48.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	43.7	36.2	54.2

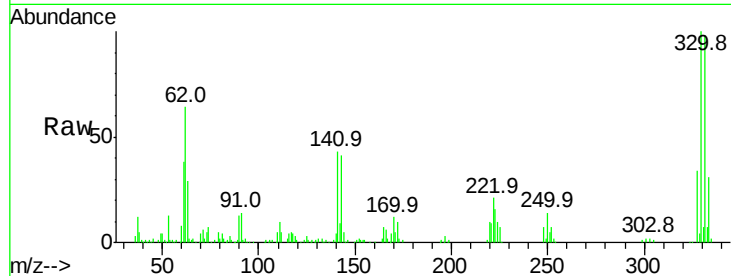




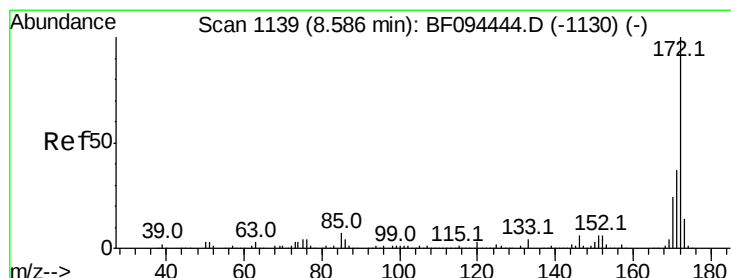
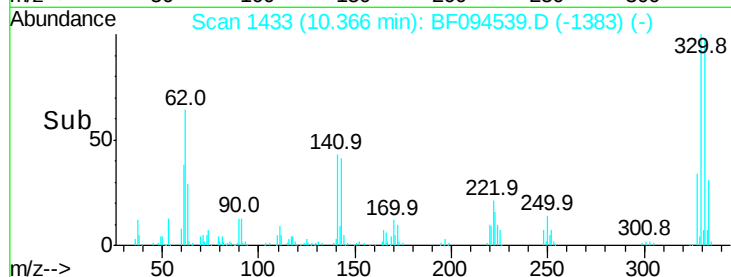
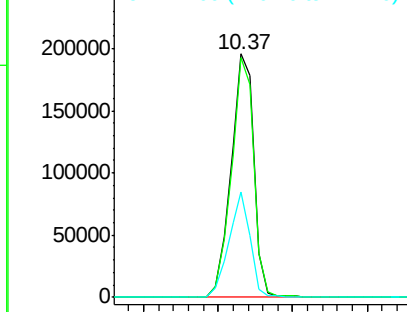
#41
 2,4,6-Tribromophenol
 Concen: 121.21 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 211571
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 40.5 31.4 47.2

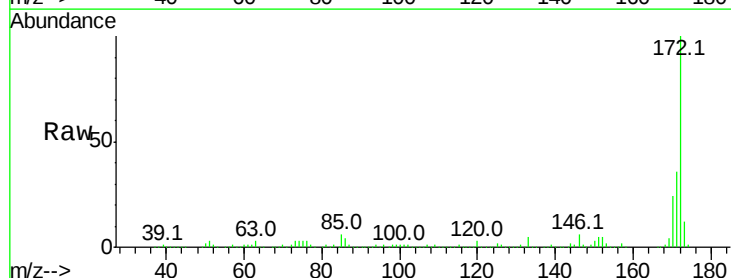


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

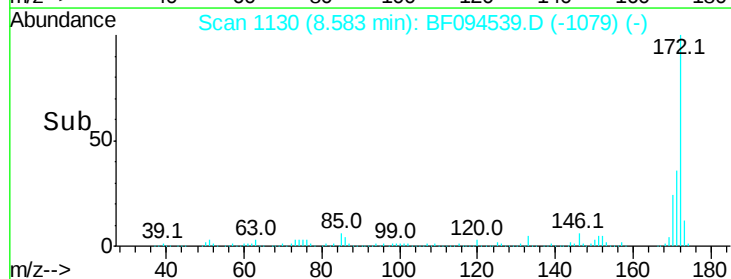
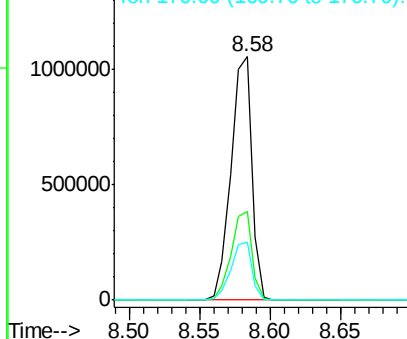


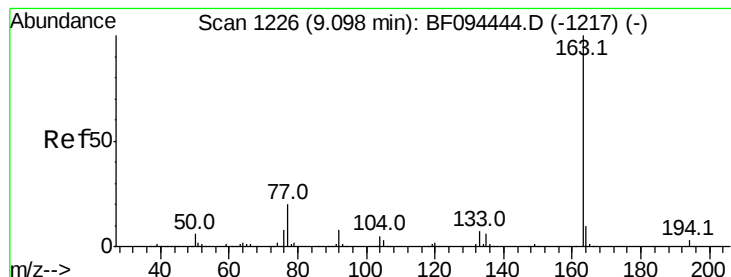
#44
 2-Fluorobiphenyl
 Concen: 71.81 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Tgt Ion:172 Resp: 1089074
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.0 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





#49

Dimethylphthalate

Concen: 24.75 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094539.D

Acq: 20 Apr 2017 12:42

Instrument :

BNA_F

ClientSampleId :

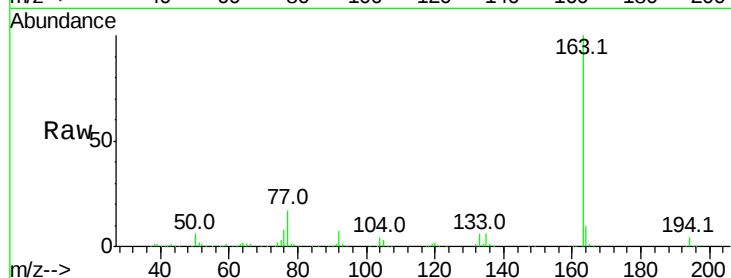
Tot Ion:163 Resp: 411581

Ion Ratio Lower Upper

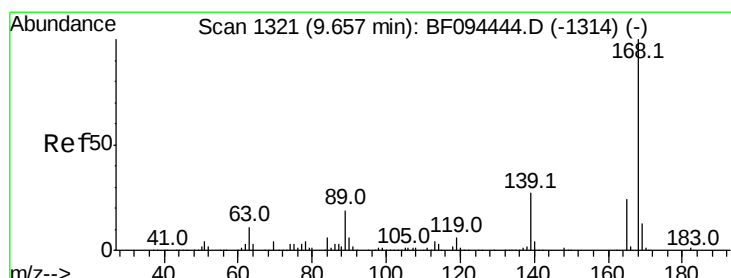
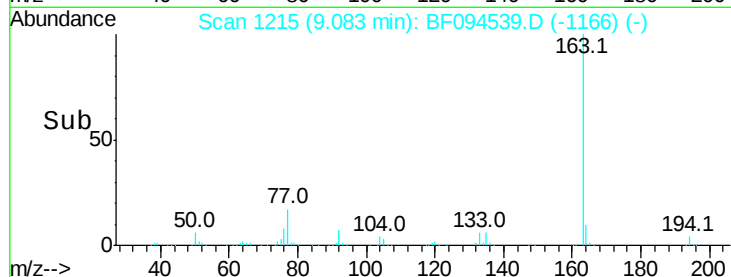
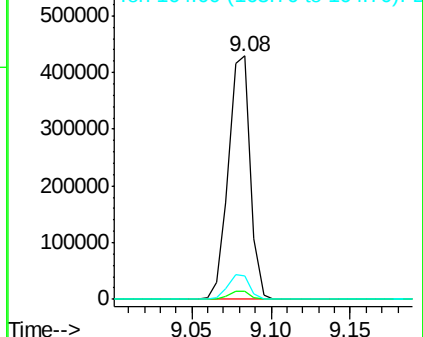
163 100

194 3.6 2.6 4.0

164 9.7 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.20 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.27 min

Lab File: BF094539.D

Acq: 20 Apr 2017 12:42

Tgt Ion:165 Resp: 28388

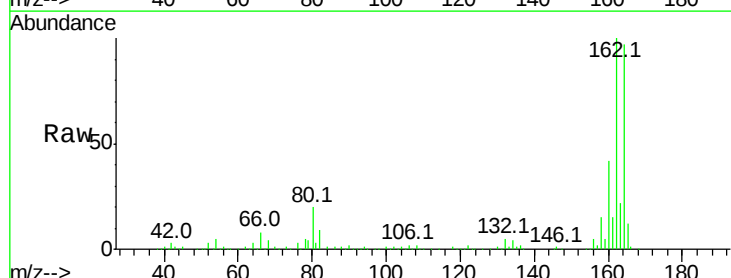
Ion Ratio Lower Upper

165 100

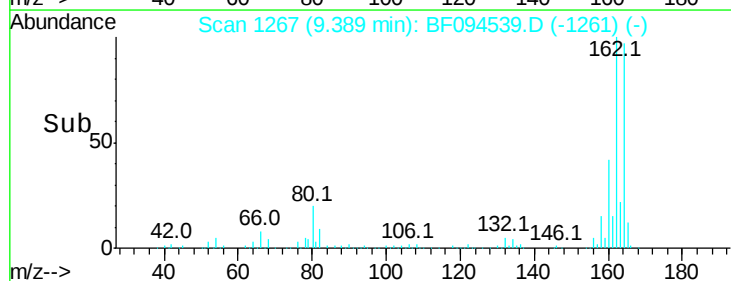
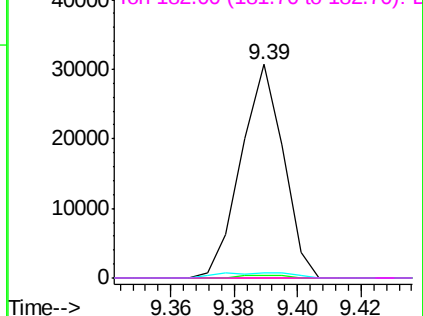
63 1.3 25.4 38.0#

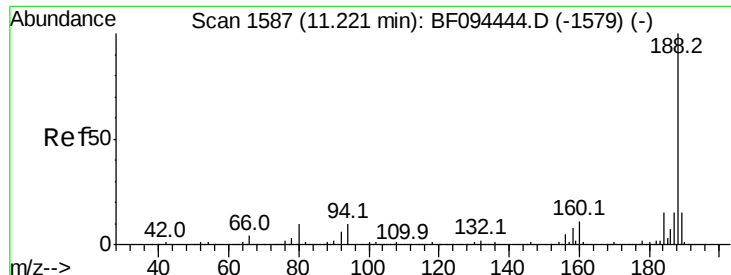
89 2.5 46.4 69.6#

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

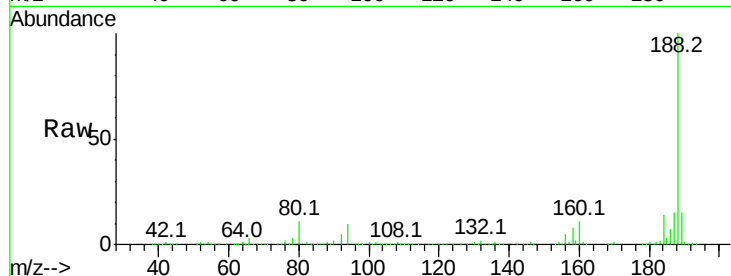




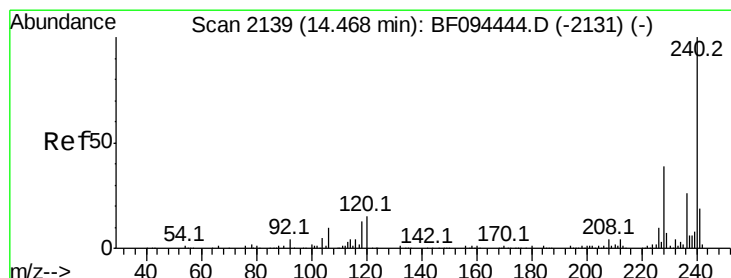
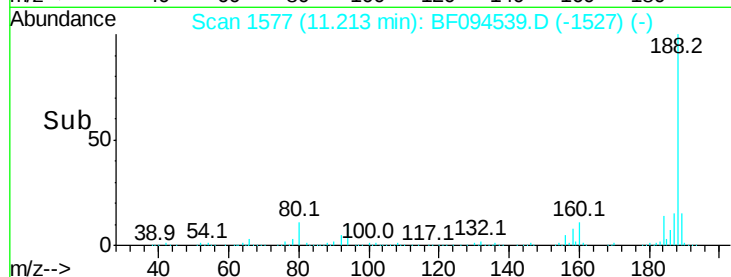
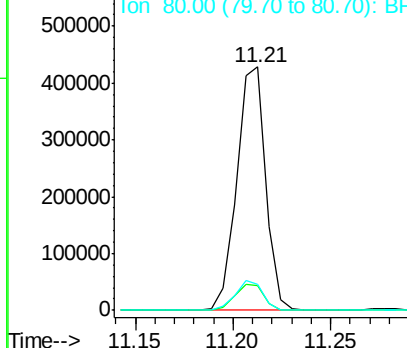
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094539.D
Acq: 20 Apr 2017 12:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 437471
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.7 10.2 15.2

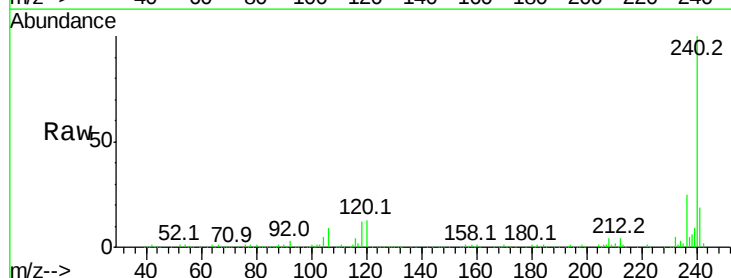


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

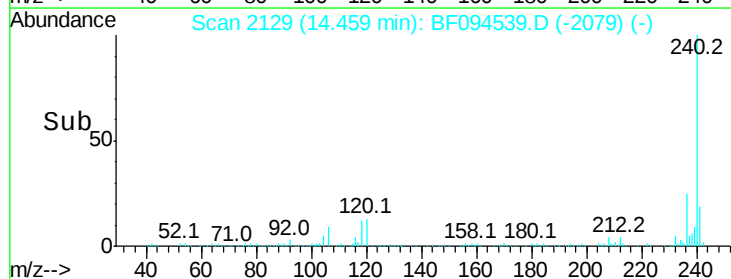
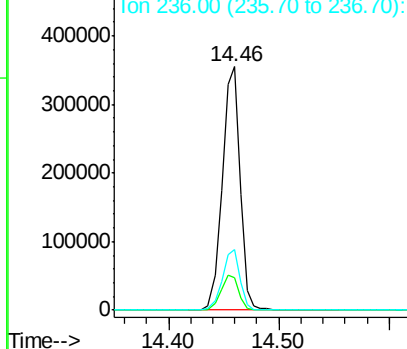


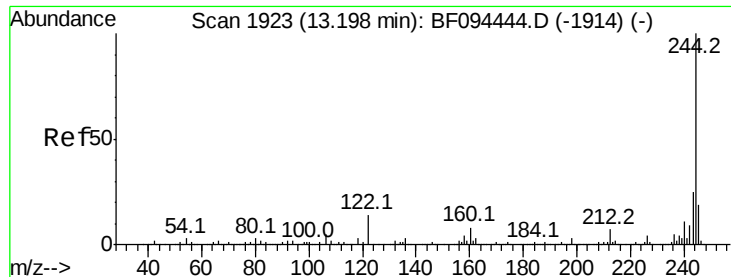
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094539.D
Acq: 20 Apr 2017 12:42

Tgt Ion:240 Resp: 399410
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 24.6 20.5 30.7



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

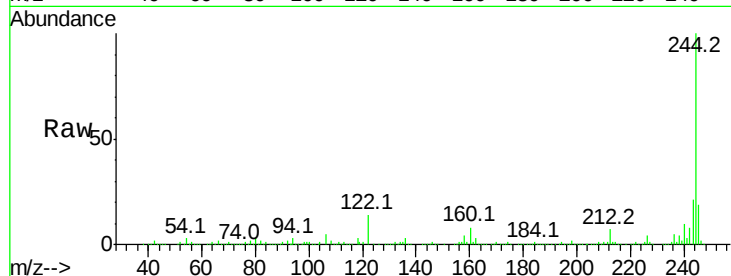




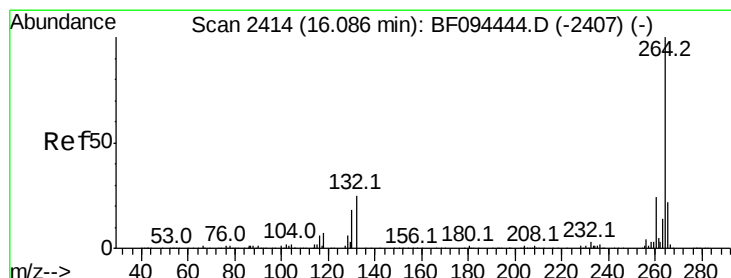
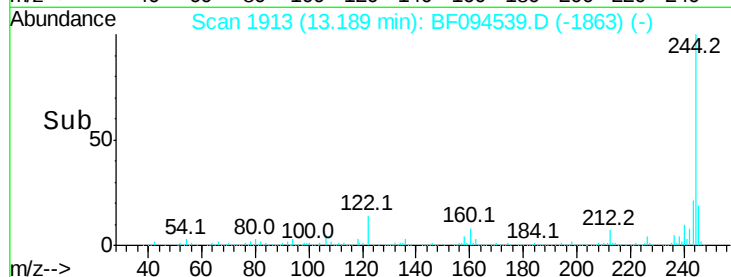
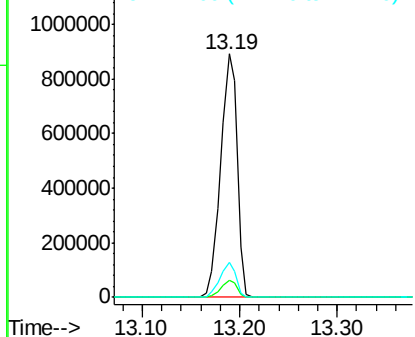
#78
 Terphenyl-d14
 Concen: 70.19 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1048846
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5

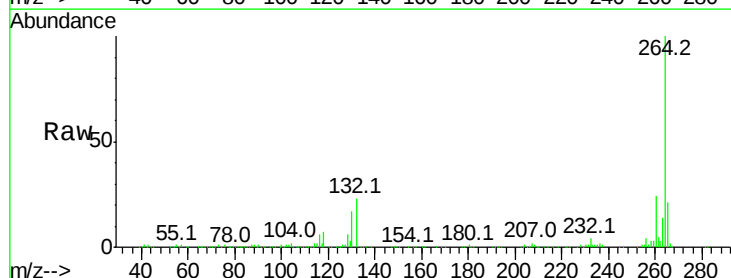


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Tgt Ion:264 Resp: 289500
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.2 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

