

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096254.D
 Acq On : 28 Jun 2017 17:29
 Operator : SJ/MA
 Sample : I3852-05 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 01:35:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

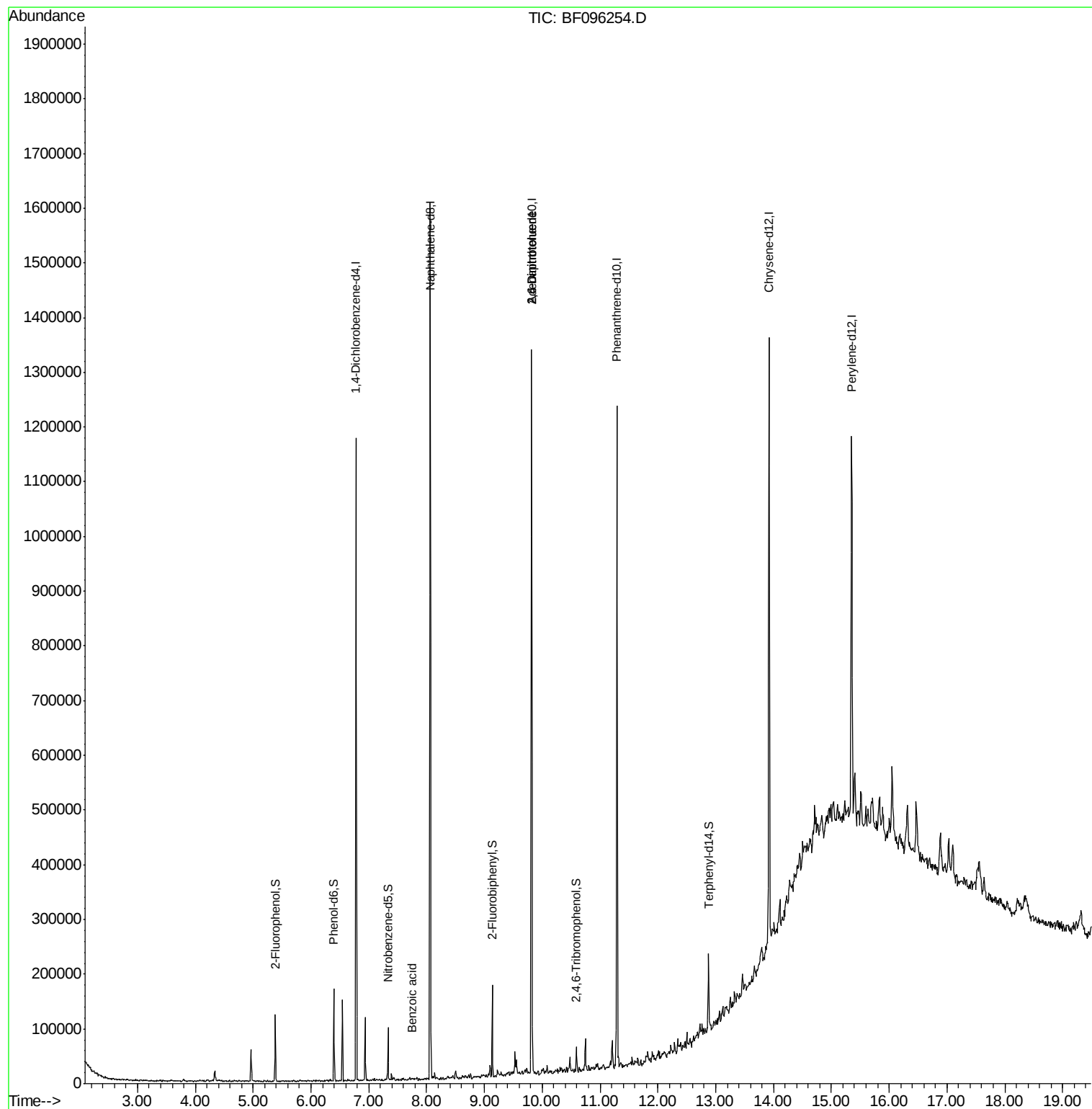
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	152189	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	613613	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	241970	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	374062	20.00	ng	0.00
75) Chrysene-d12	13.92	240	357320	20.00	ng	0.00
86) Perylene-d12	15.35	264	307233	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	31269	2.96	ng	0.00
7) Phenol-d6	6.40	99	44544	3.48	ng	0.00
23) Nitrobenzene-d5	7.33	82	22435	2.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	4014	2.11	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	45020	3.41	ng	-0.02
78) Terphenyl-d14	12.87	244	34507	2.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	708	Below Cal		Qvalue 89
32) Benzoic acid	7.74	122	992	8.91 ng		89
50) 2,6-Dinitrotoluene	9.82	165	30169	8.38 ng	#	34
56) 2,4-Dinitrotoluene	9.82	165	30169	6.65 ng	#	33
57) Fluorene	10.36	166	505	Below Cal	#	95
70) Phenanthrene	11.32	178	5039	Below Cal	#	96

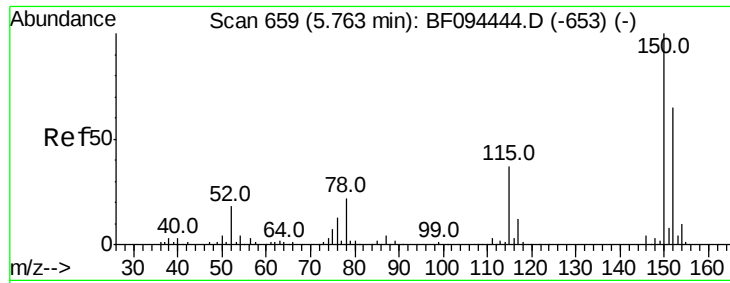
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096254.D
Acq On : 28 Jun 2017 17:29
Operator : SJ/MA
Sample : I3852-05 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 29 01:35:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration



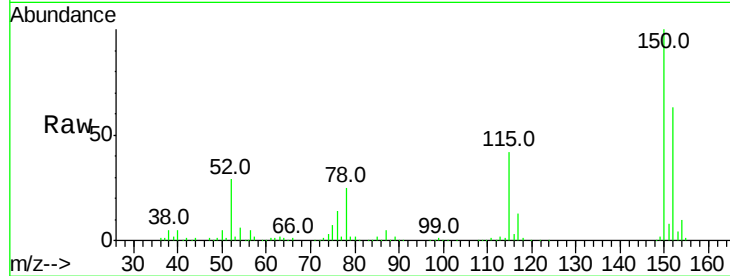


#1

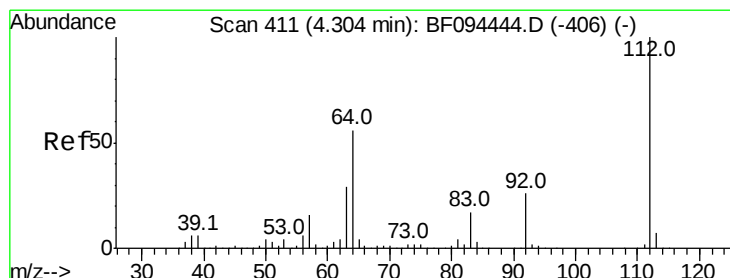
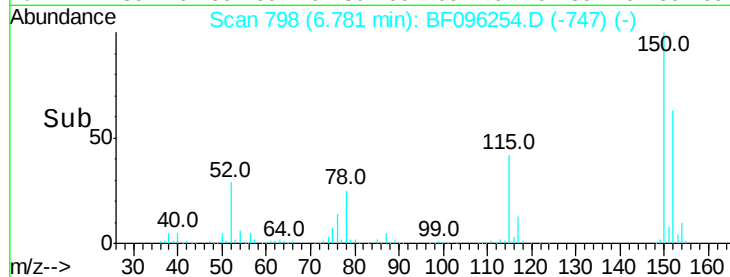
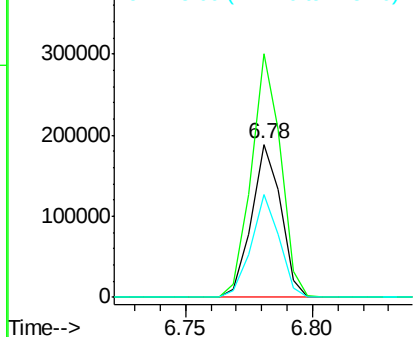
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096254.D
Acq: 28 Jun 2017 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152189
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 67.1 52.2 78.2



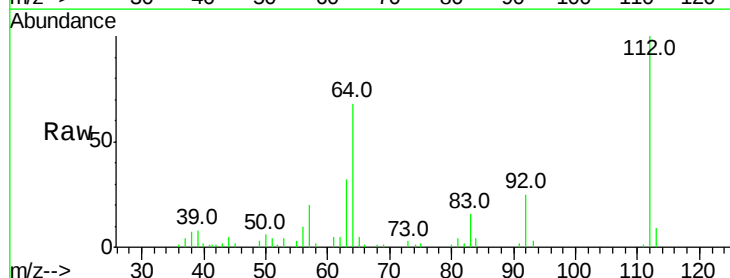
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



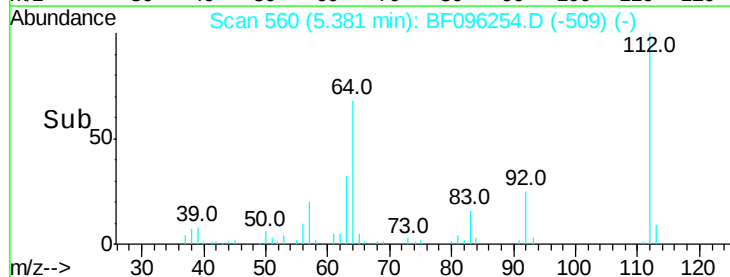
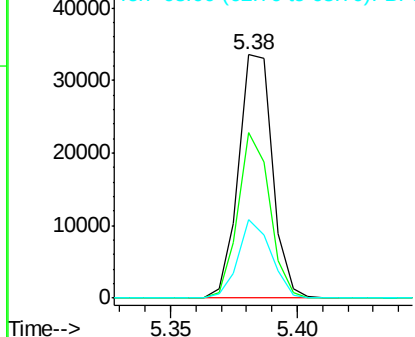
#5

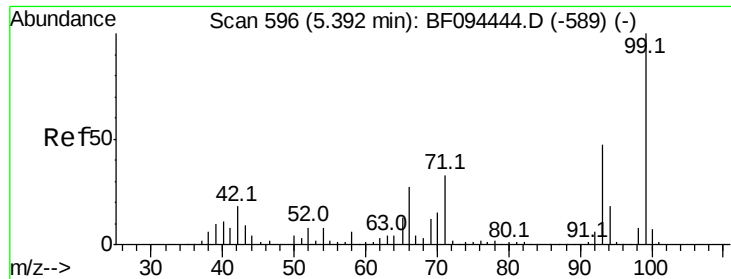
2-Fluorophenol
Concen: 2.96 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096254.D
Acq: 28 Jun 2017 17:29

Tgt Ion:112 Resp: 31269
Ion Ratio Lower Upper
112 100
64 68.0 46.0 69.0
63 32.0 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: 3.48 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096254.D

Acq: 28 Jun 2017 17:29

Instrument :

BNA_F

ClientSampleId :

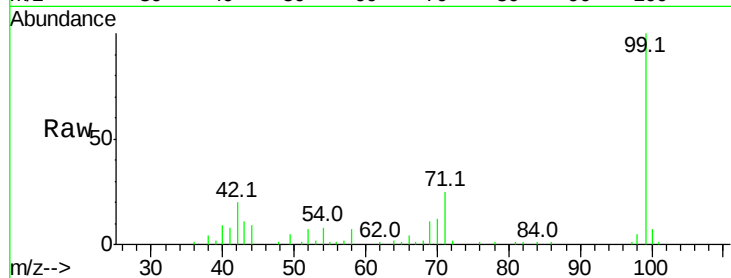
Tot Ion: 99 Resp: 44544

Ion Ratio Lower Upper

99 100

42 20.1 13.5 20.3

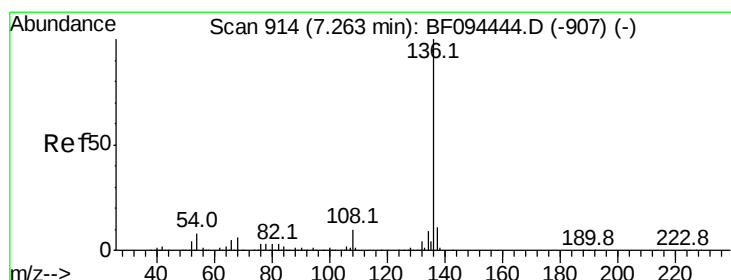
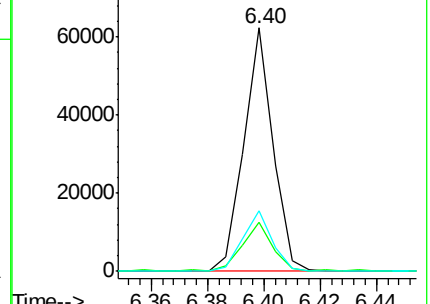
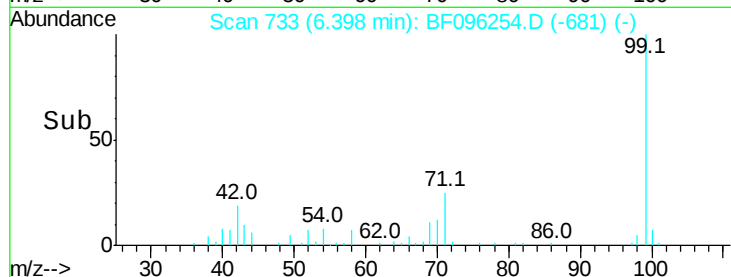
71 25.1 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096254.D

Acq: 28 Jun 2017 17:29

Tgt Ion: 136 Resp: 613613

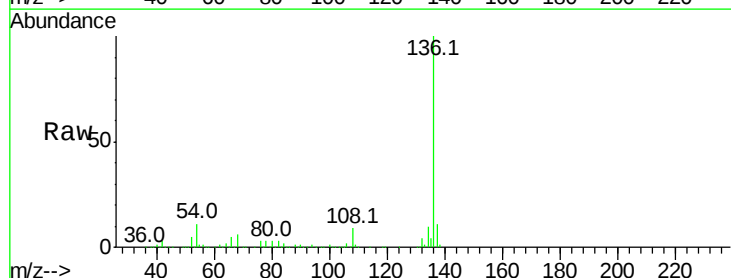
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.5 4.9 7.3#

68 6.5 4.1 6.1#

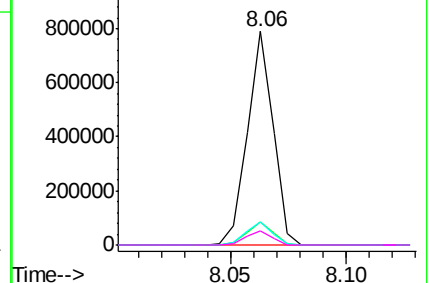
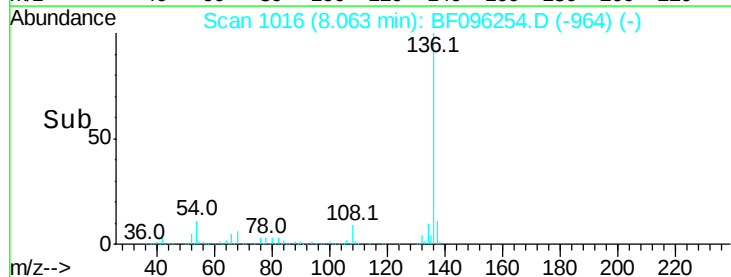


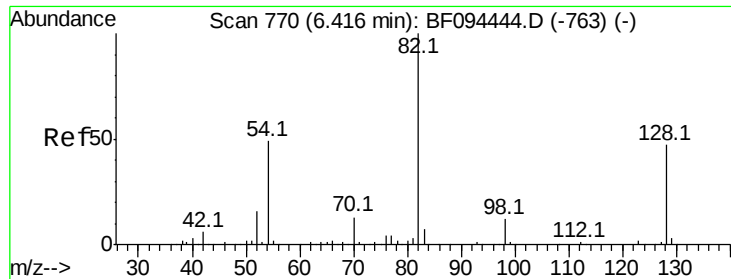
Abundance Ion 136.00 (135.70 to 136.70): E

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

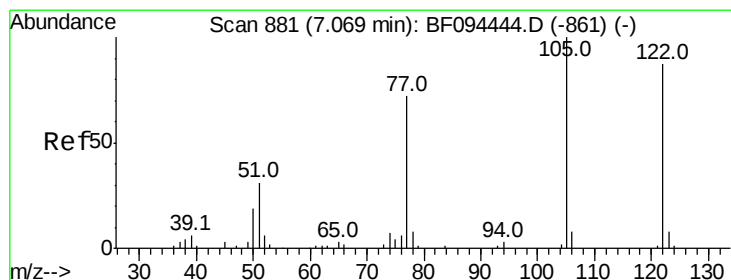
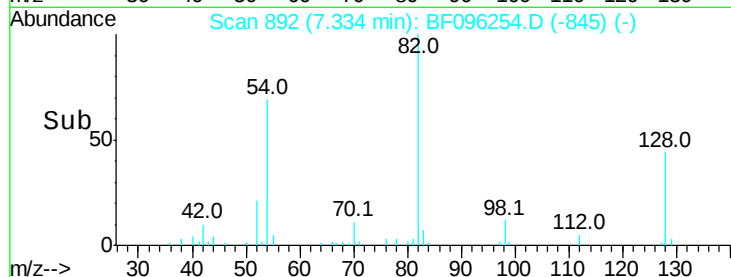
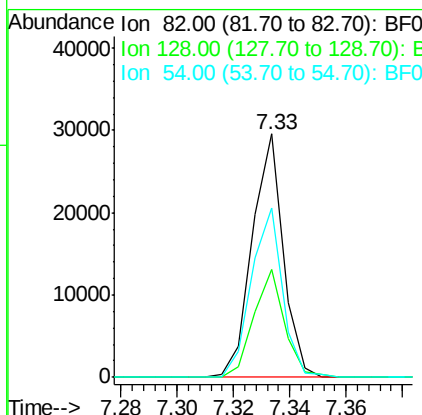
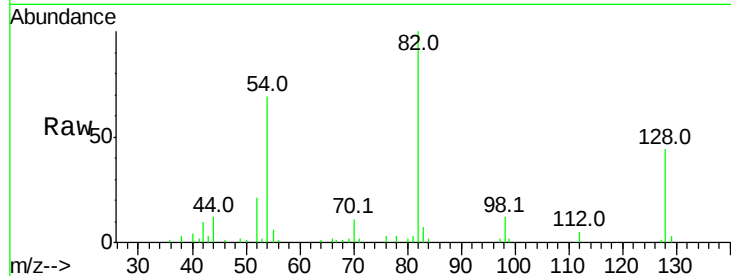




#23
 Nitrobenzene-d5
 Concen: 2.53 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

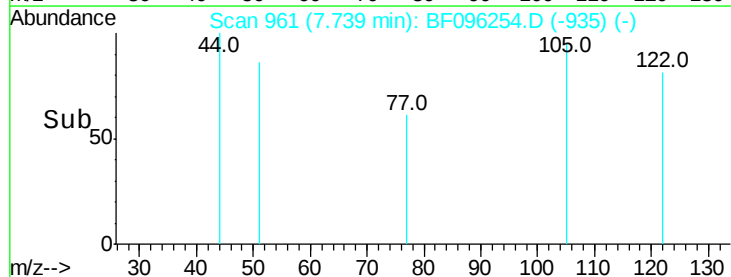
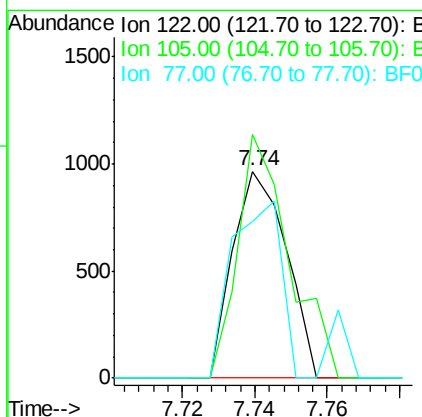
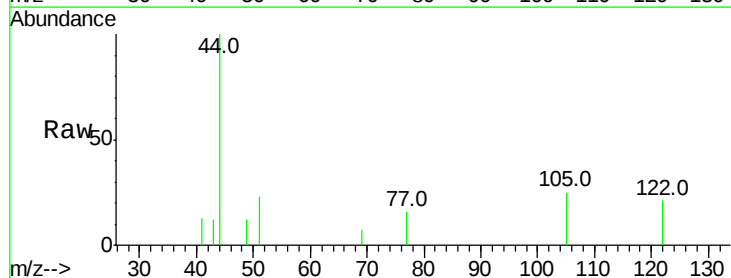
Instrument :
 BNA_F
 ClientSampleId :

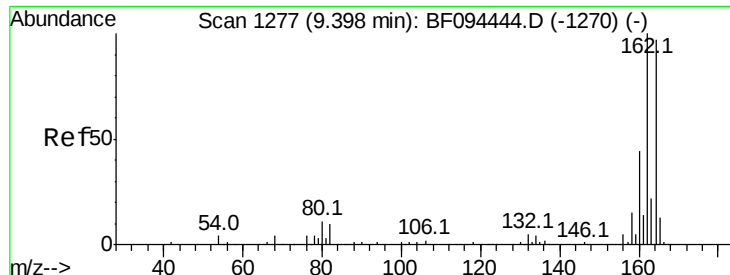
Tot Ion	82	Resp	22435
Ion Ratio	100	Lower	Upper
128	44.1	34.0	51.0
54	69.5	42.2	63.2



#32
 Benzoic acid
 Concen: 8.91 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.15 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

Tgt Ion	122	Resp	992
Ion Ratio	100	Lower	Upper
105	117.6	103.3	143.3
77	75.9	73.7	113.7

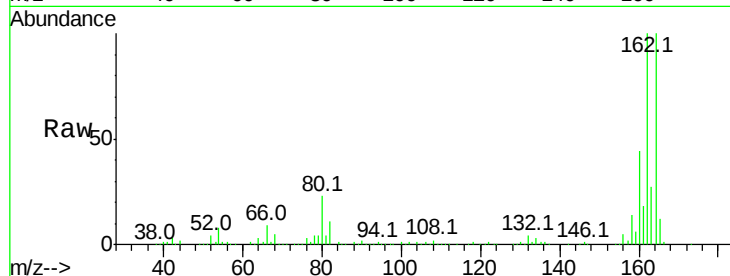




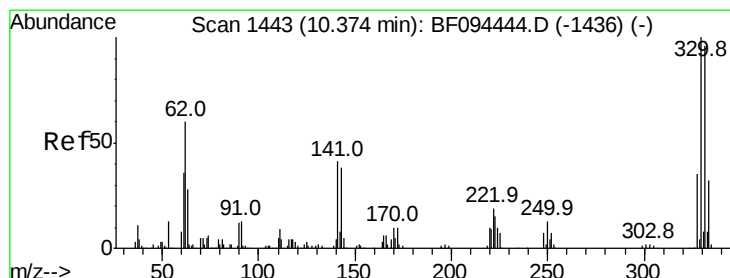
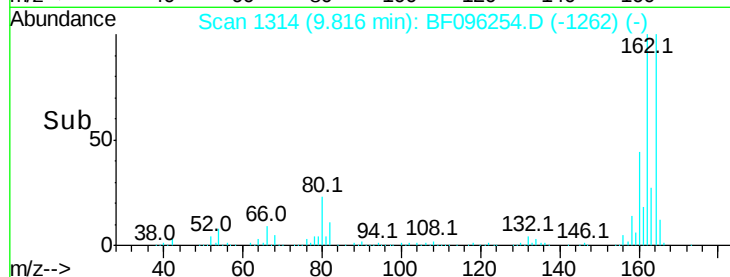
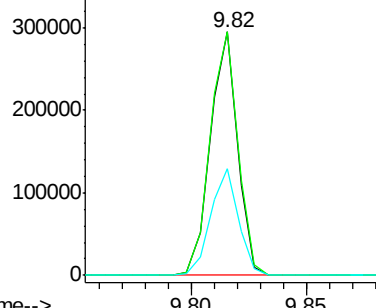
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 241970
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.6 123.8
 160 44.0 36.2 54.2

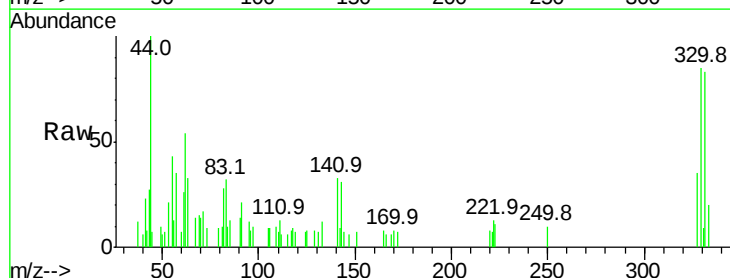


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

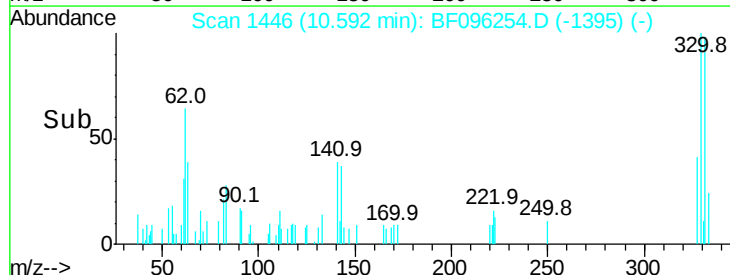
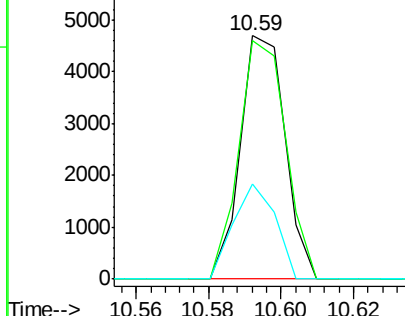


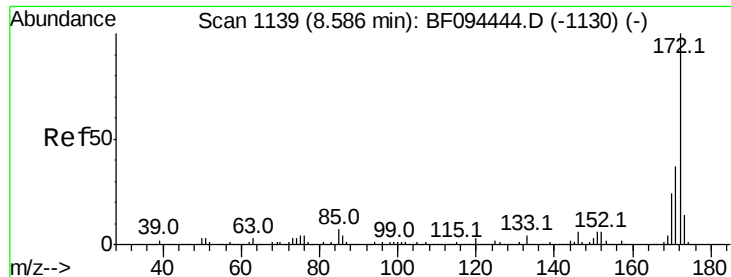
#41
 2,4,6-Tribromophenol
 Concen: 2.11 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

Tgt Ion:330 Resp: 4014
 Ion Ratio Lower Upper
 330 100
 332 102.5 76.6 115.0
 141 36.6 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

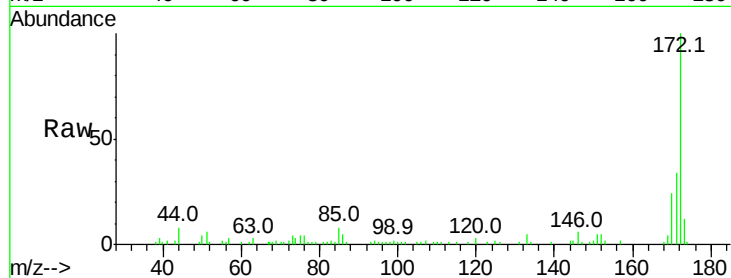




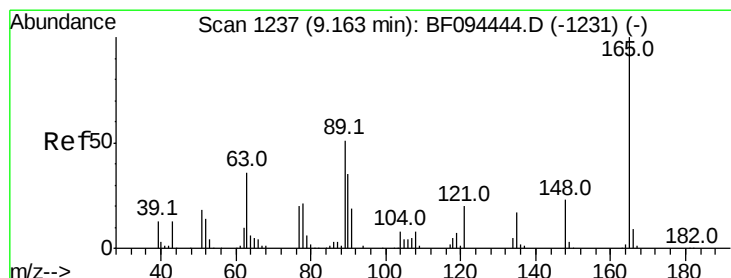
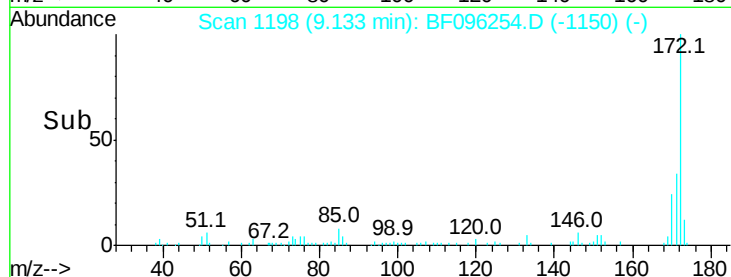
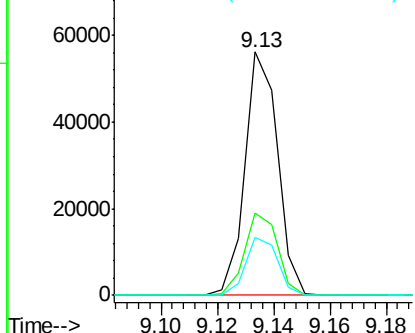
#44
 2-Fluorobiphenyl
 Concen: 3.41 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 45020
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.6 44.4
 170 23.6 19.8 29.8

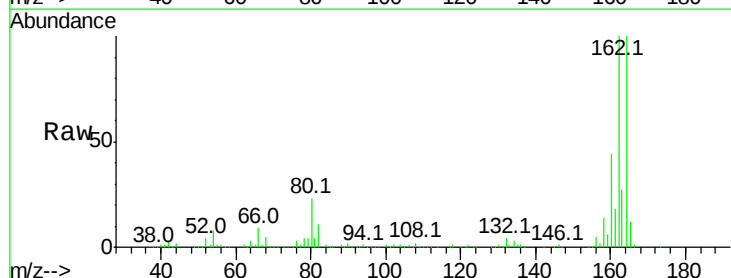


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

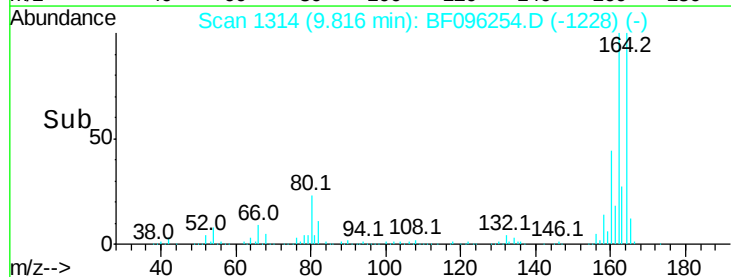
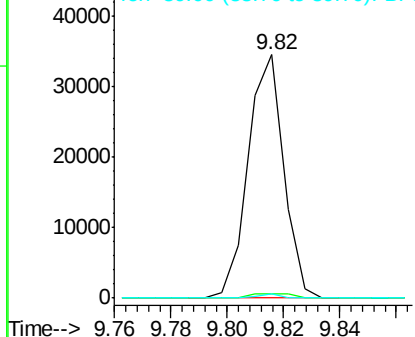


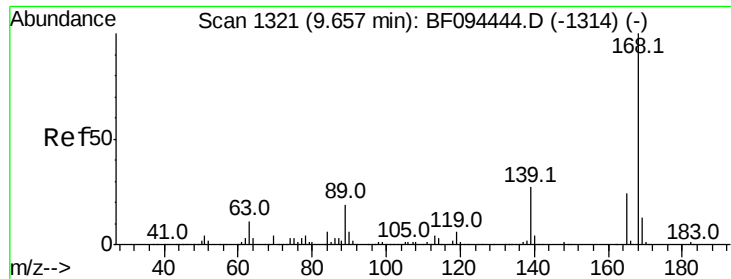
#50
 2,6-Dinitrotoluene
 Concen: 8.38 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.21 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

Tgt Ion:165 Resp: 30169
 Ion Ratio Lower Upper
 165 100
 63 1.8 34.3 51.5#
 89 1.5 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: 6.65 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.19 min

Lab File: BF096254.D

Acq: 28 Jun 2017 17:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 30169

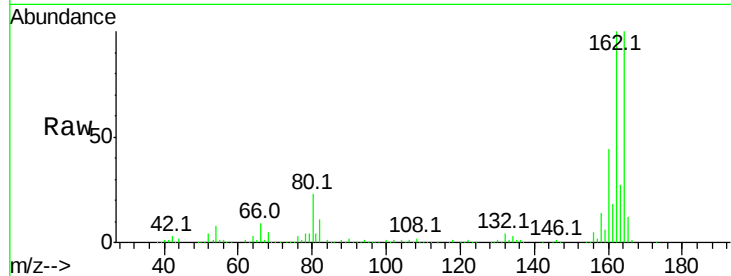
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 1.5 46.4 69.6#

182 0.0 1.8 2.6#

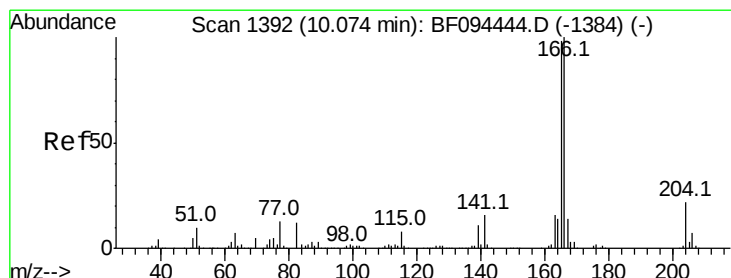
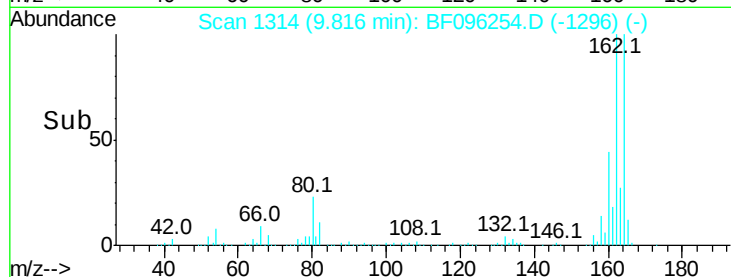
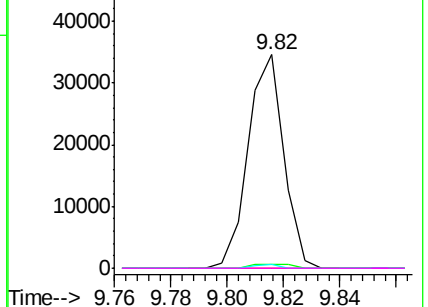


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF096254.D

Acq: 28 Jun 2017 17:29

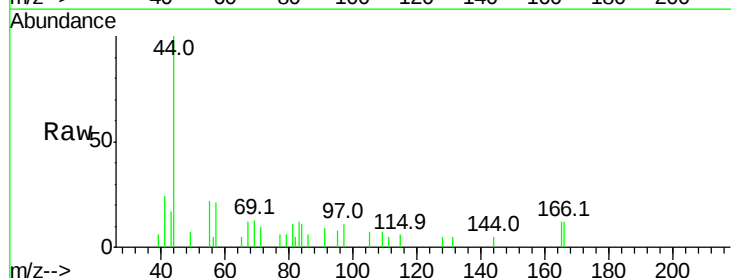
Tgt Ion:166 Resp: 505

Ion Ratio Lower Upper

166 100

165 99.6 78.8 118.2

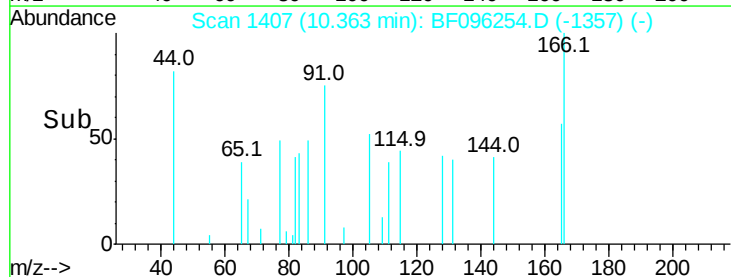
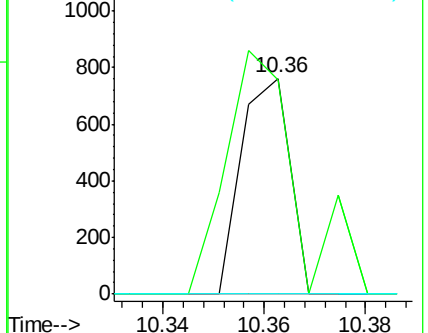
167 0.0 10.6 16.0#

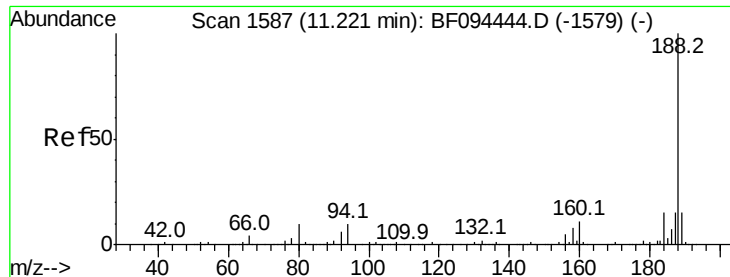


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

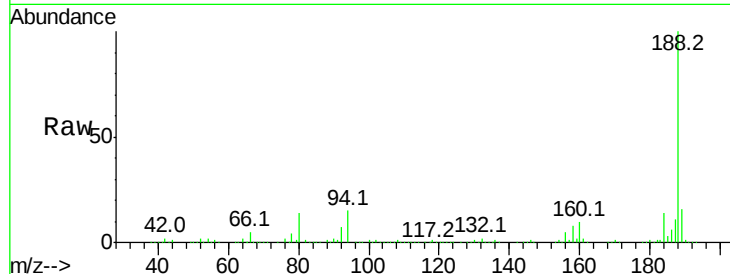




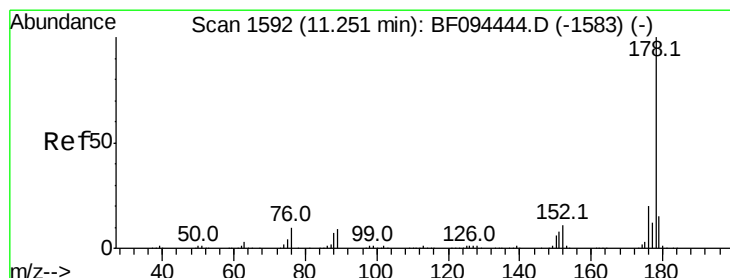
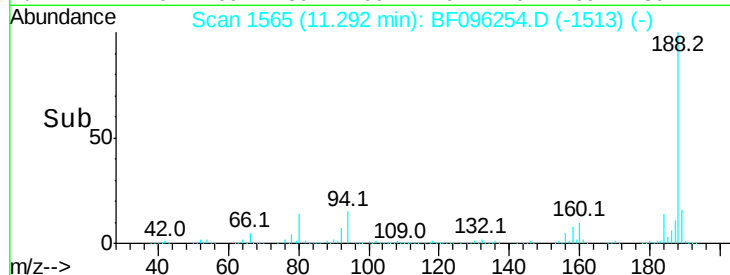
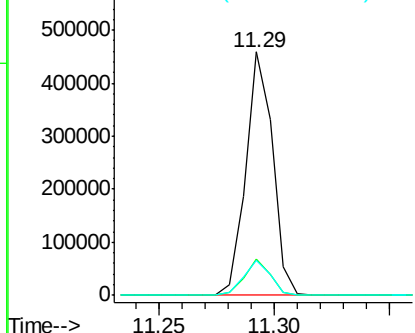
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096254.D
Acq: 28 Jun 2017 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 374062
Ion Ratio Lower Upper
188 100
94 14.9 9.4 14.2#
80 14.4 10.2 15.2

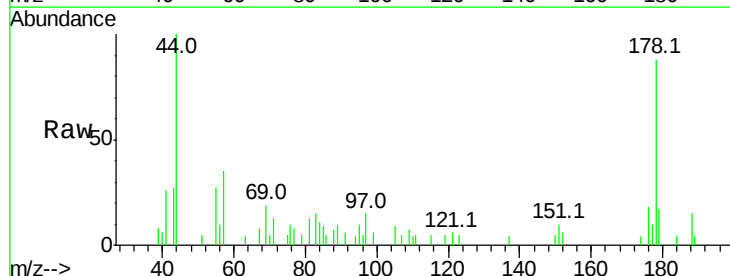


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

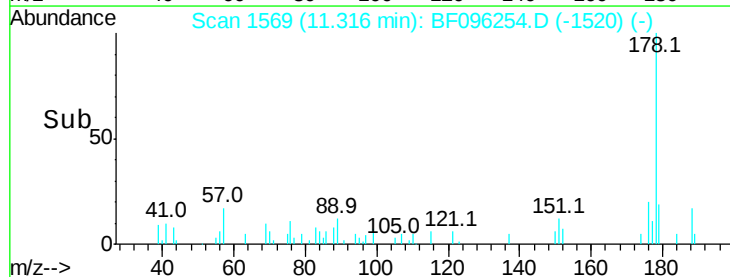
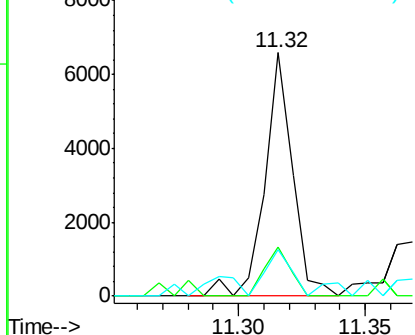


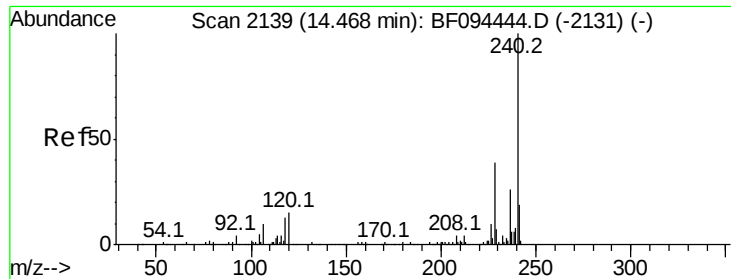
#70
Phenanthrene
Concen: Below Cal
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF096254.D
Acq: 28 Jun 2017 17:29

Tgt Ion:178 Resp: 5039
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 19.3 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096254.D

Acq: 28 Jun 2017 17:29

Instrument :

BNA_F

ClientSampleId :

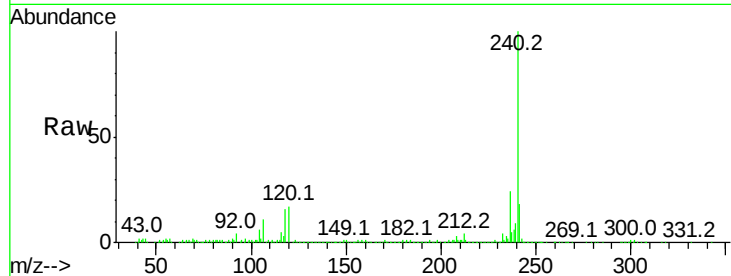
Tot Ion:240 Resp: 357320

Ion Ratio Lower Upper

240 100

120 16.9 5.8 8.8#

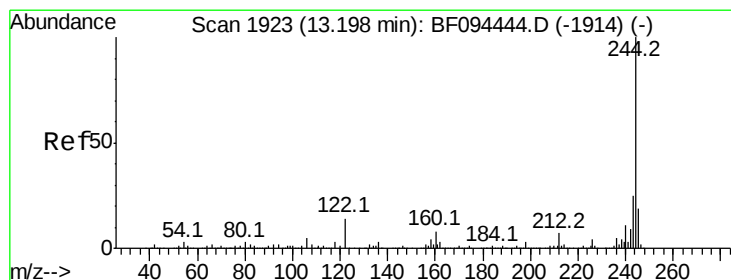
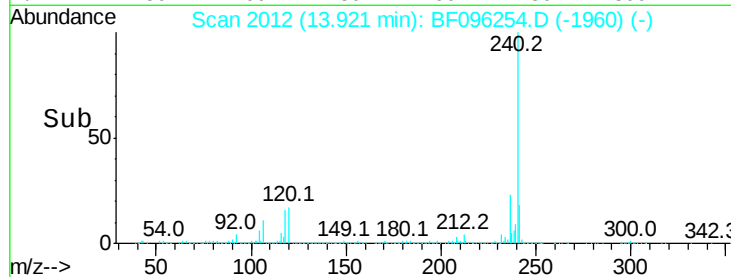
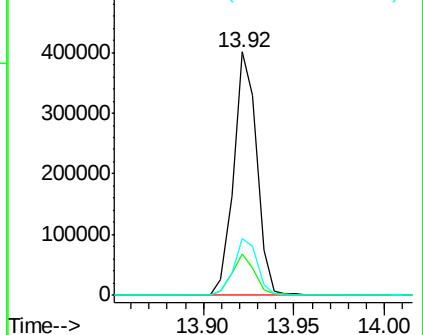
236 23.5 20.5 30.7



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: 2.41 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096254.D

Acq: 28 Jun 2017 17:29

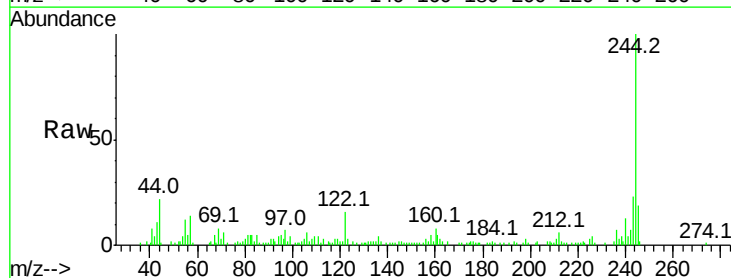
Tgt Ion:244 Resp: 34507

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

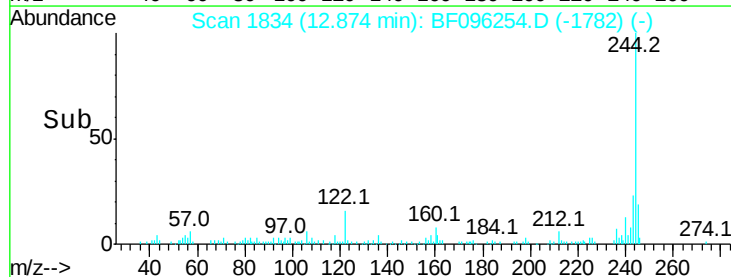
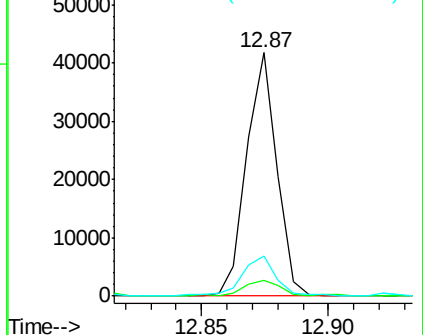
122 16.3 10.3 15.5#

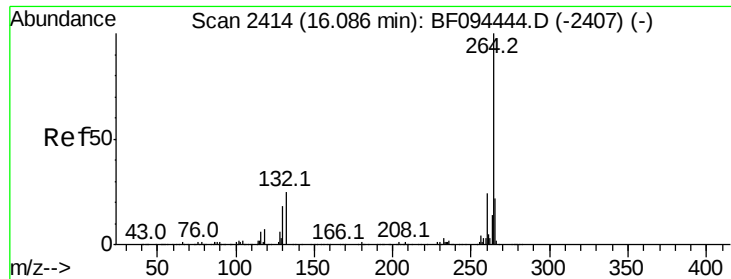


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

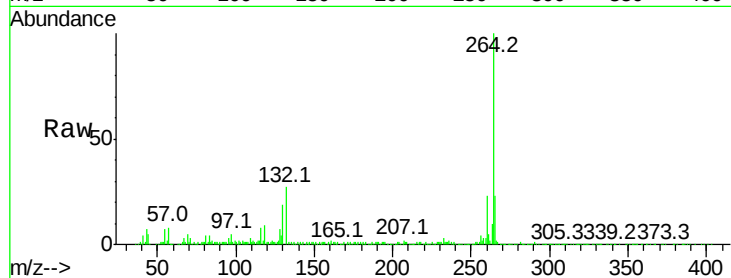




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. 0.01 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.5	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

