

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094534.D
 Acq On : 19 Apr 2017 23:44
 Operator : SJ/MA
 Sample : I2680-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:09:00 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

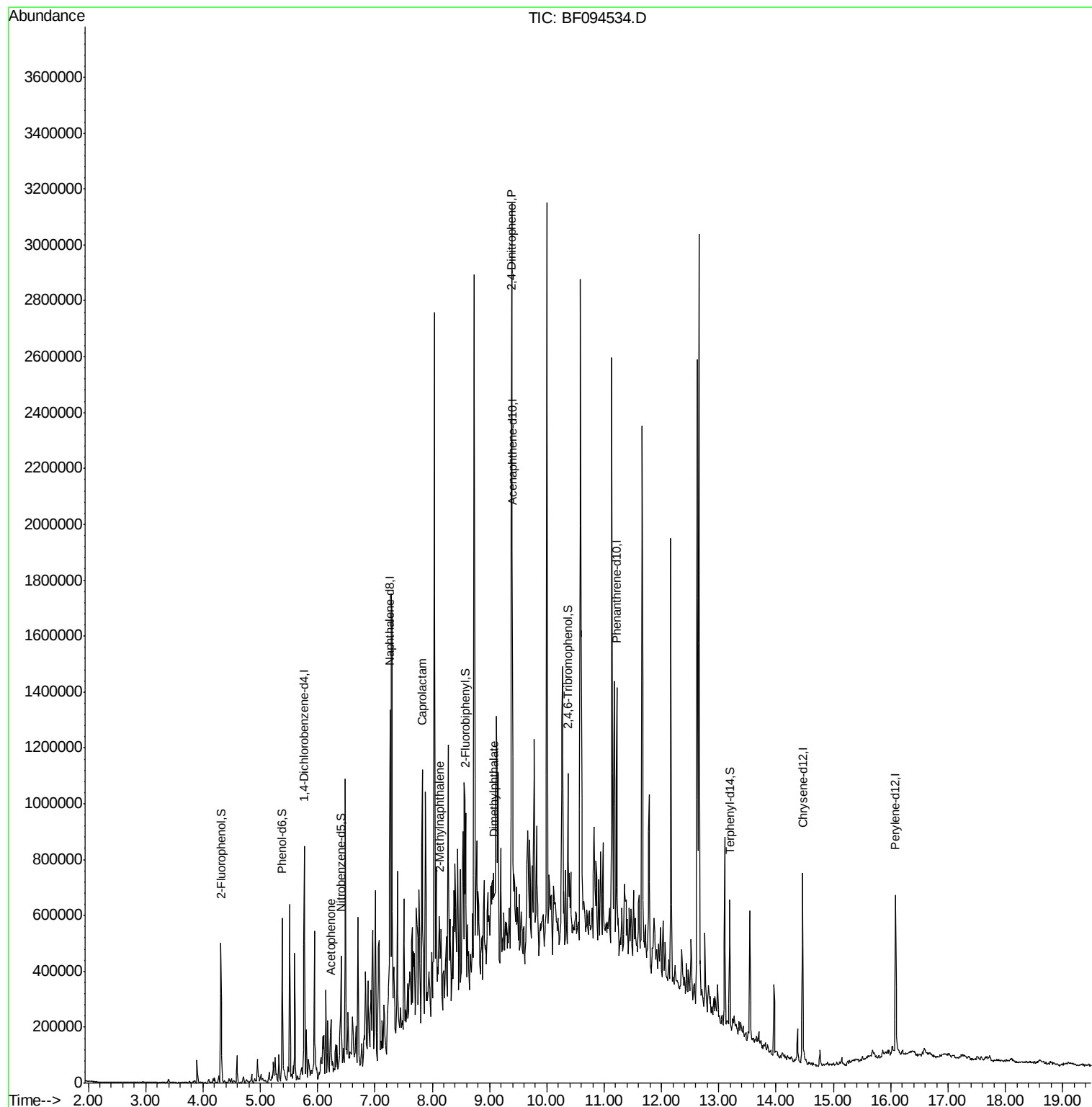
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	118509	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	459814	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	194541	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	338519	20.00	ng	0.00
75) Chrysene-d12	14.46	240	248271	20.00	ng	0.00
86) Perylene-d12	16.09	264	230461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	143769	20.13	ng	0.00
7) Phenol-d6	5.38	99	182932	21.72	ng	0.00
23) Nitrobenzene-d5	6.41	82	113980	15.31	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	29597	19.45	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	212309	16.06	ng	0.00
78) Terphenyl-d14	13.19	244	138396	14.90	ng	0.00
Target Compounds						
22) Acetophenone	6.22	105	26685	2.39	ng	# 49
35) Caprolactam	7.82	113	15437	7.72	ng	# 1
37) 2-Methylnaphthalene	8.13	142	44240	2.93	ng	96
49) Dimethylphthalate	9.08	163	46339	3.20	ng	# 99
53) 2,4-Dinitrophenol	9.39	184	290	5.91	ng	# 1

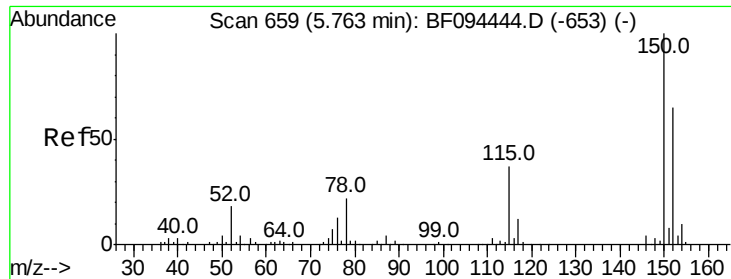
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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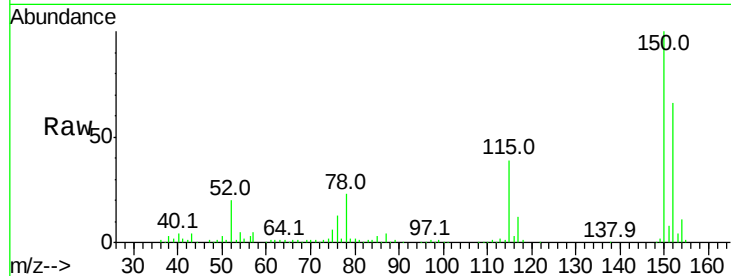


#1

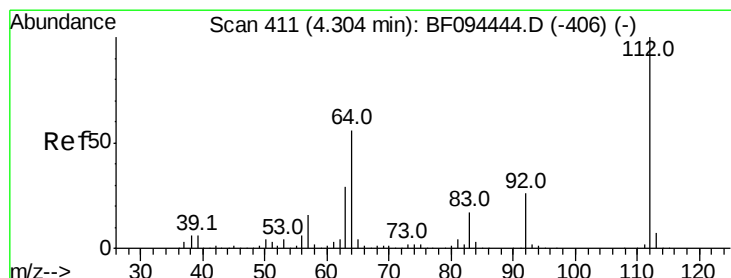
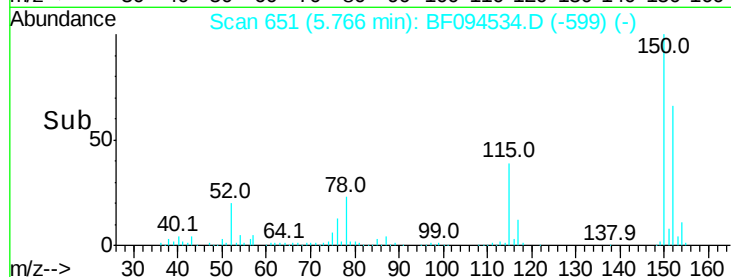
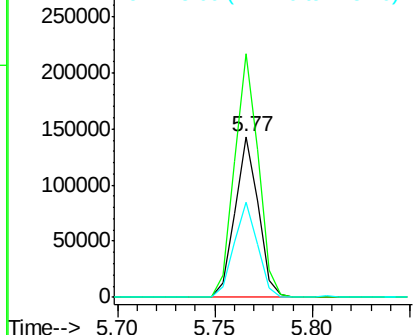
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118509
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 59.4 52.2 78.2



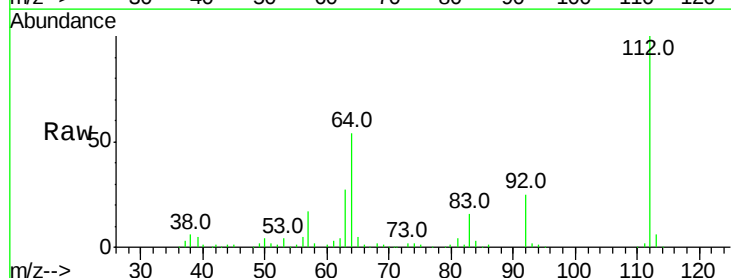
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



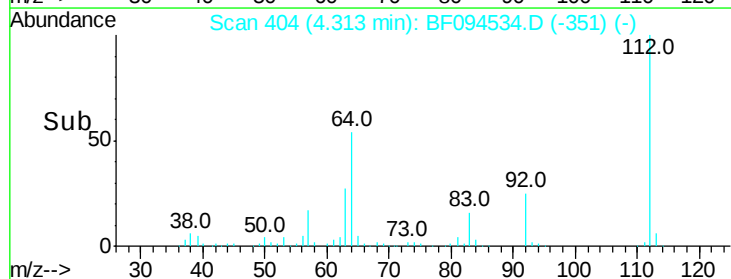
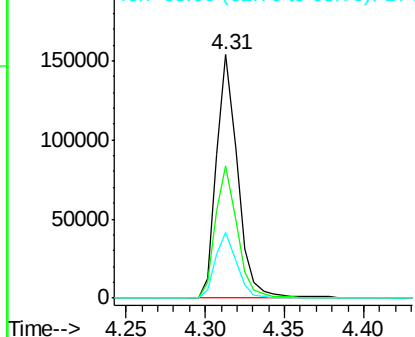
#5

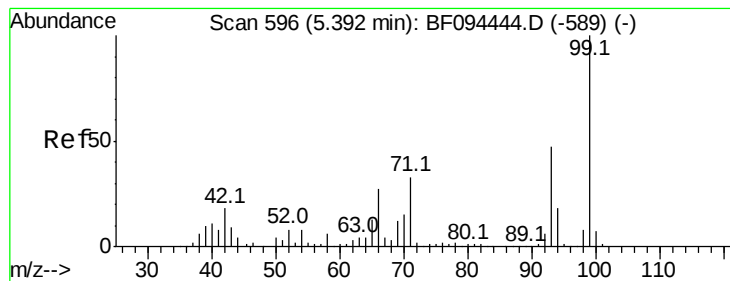
2-Fluorophenol
Concen: 20.13 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

Tgt Ion:112 Resp: 143769
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 27.0 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: 21.72 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

Instrument :

BNA_F

ClientSampled :

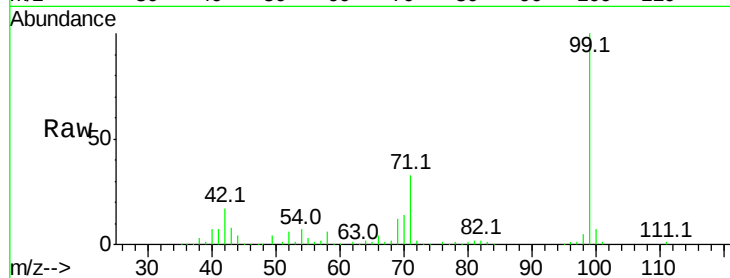
Tot Ion: 99 Resp: 182932

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

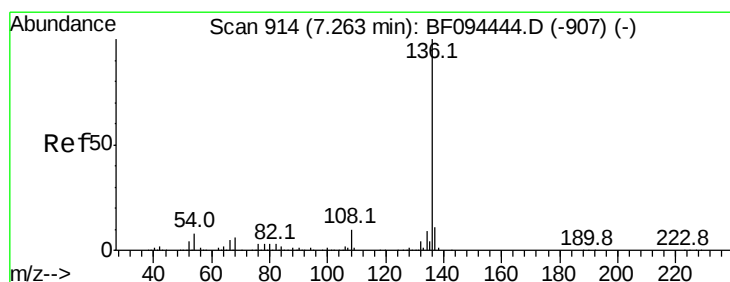
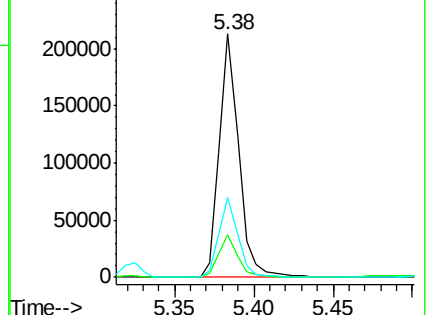
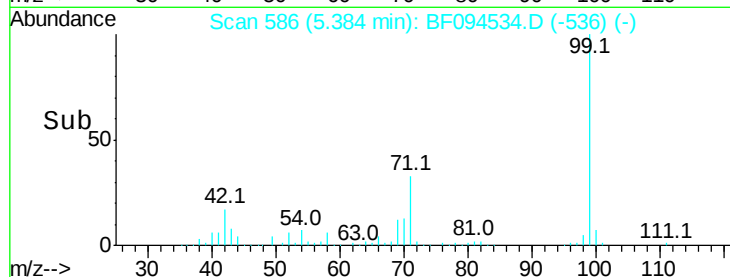
71 32.9 24.5 36.7



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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

Tgt Ion: 136 Resp: 459814

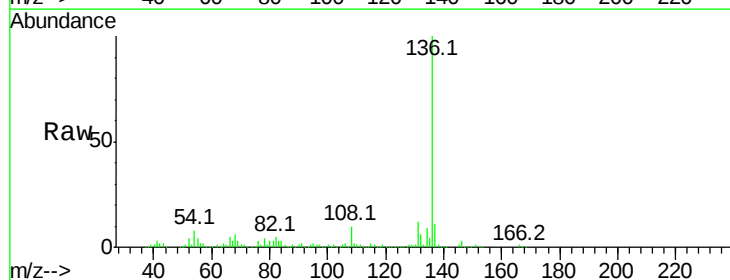
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.4 4.1 6.1#

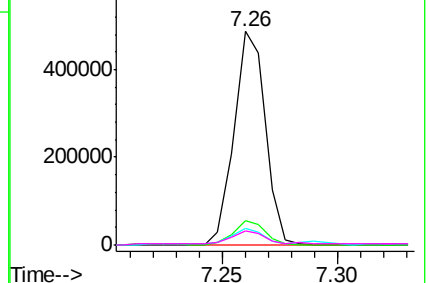
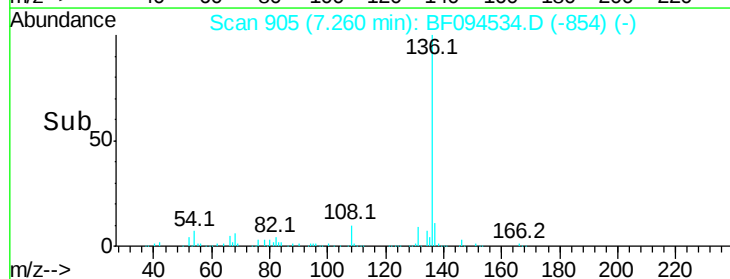


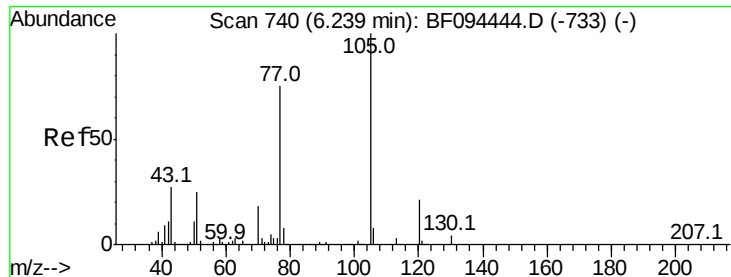
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 2.39 ng

RT: 6.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:105 Resp: 26685

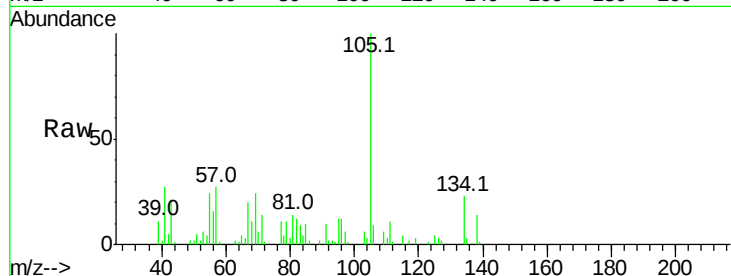
Ion Ratio Lower Upper

105 100

71 13.8 2.8 4.2#

51 5.0 30.7 46.1#

120 0.0 17.4 26.0#

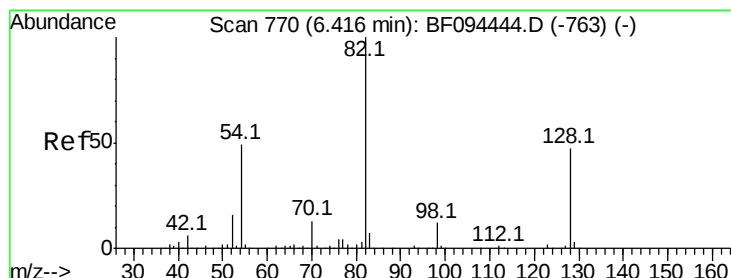
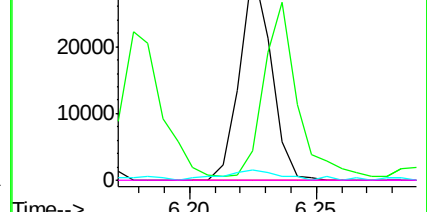
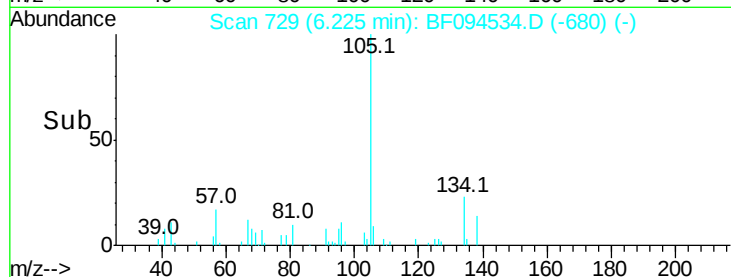


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 15.31 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

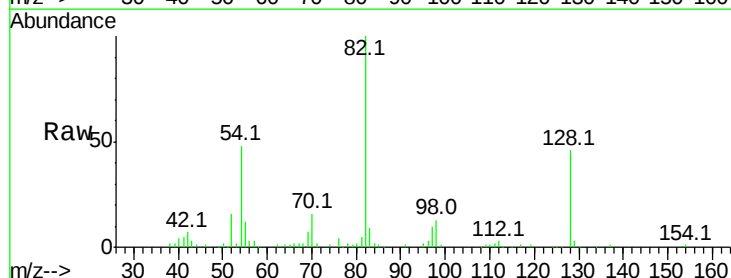
Tgt Ion: 82 Resp: 113980

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

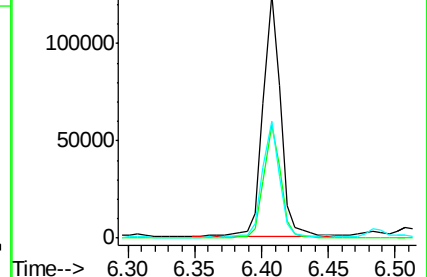
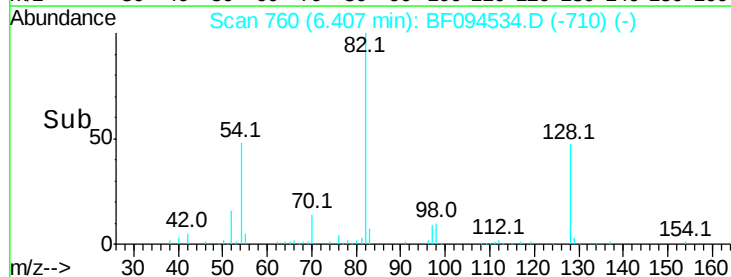
54 48.0 42.2 63.2

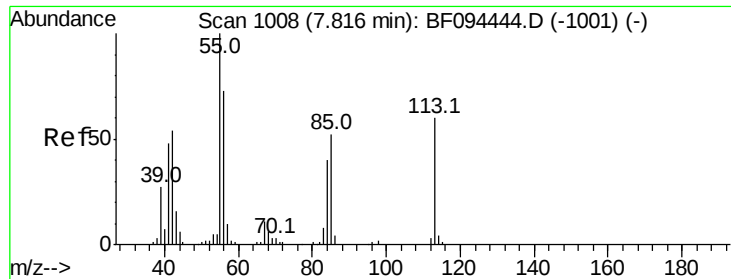


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#35

Caprolactam

Concen: 7.72 ng

RT: 7.82 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

Instrument :

BNA_F

ClientSampleId :

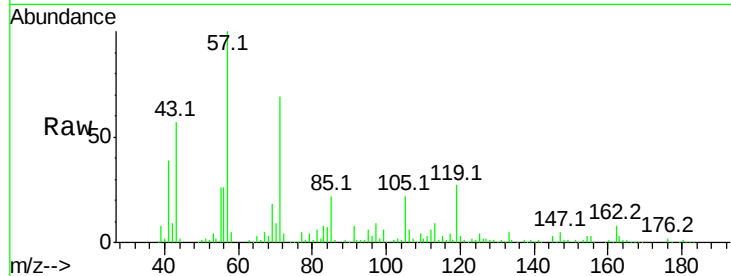
Tot Ion:113 Resp: 15437

Ion Ratio Lower Upper

113 100

55 296.7 150.2 190.2#

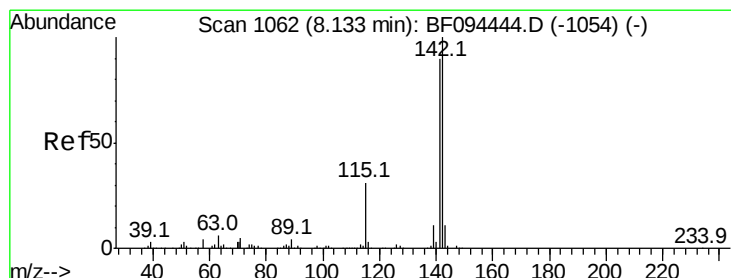
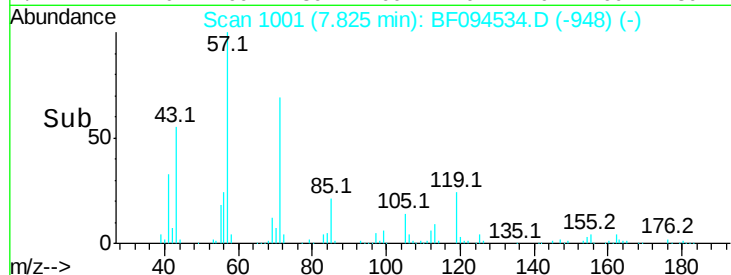
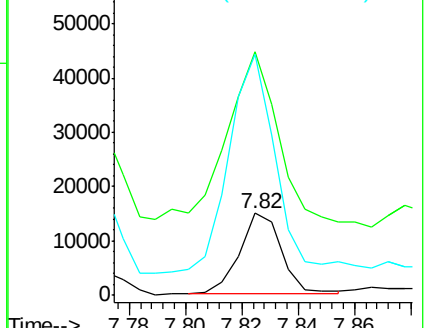
56 293.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 2.93 ng

RT: 8.13 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

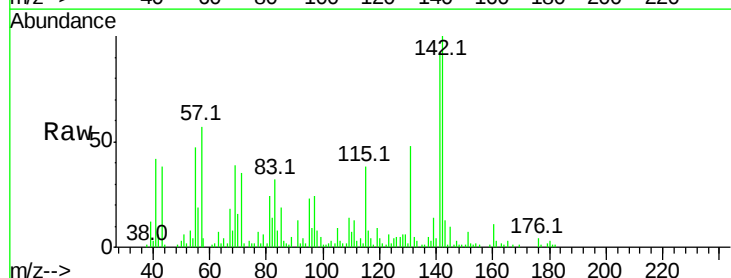
Tgt Ion:142 Resp: 44240

Ion Ratio Lower Upper

142 100

141 91.8 71.3 106.9

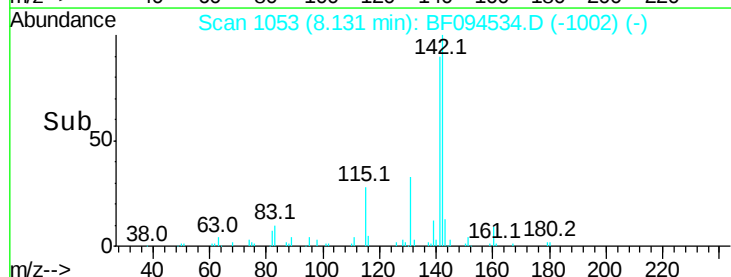
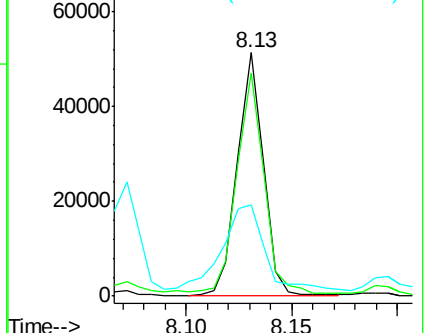
115 37.5 27.1 40.7

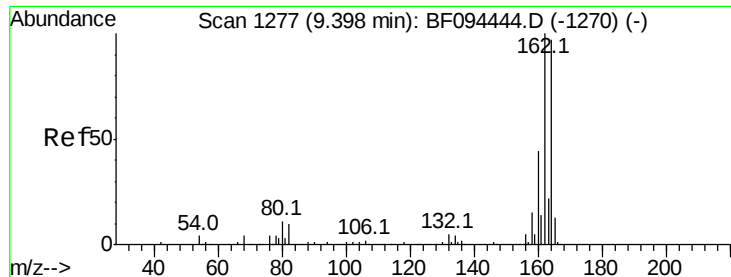


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

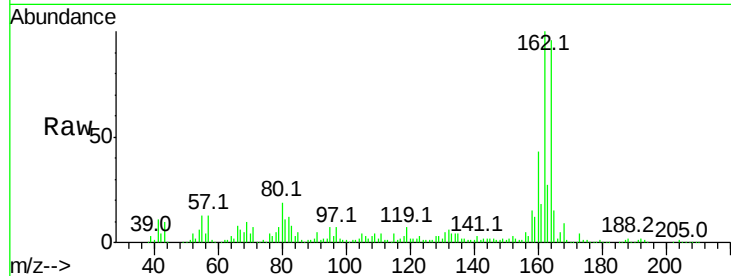




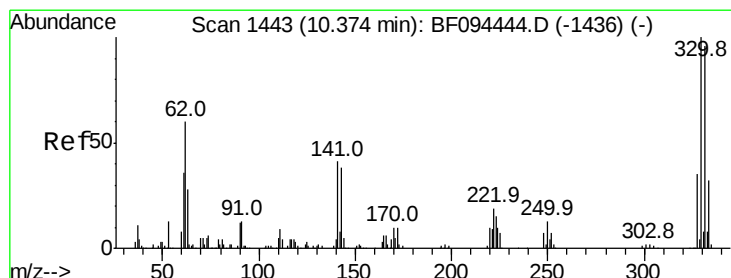
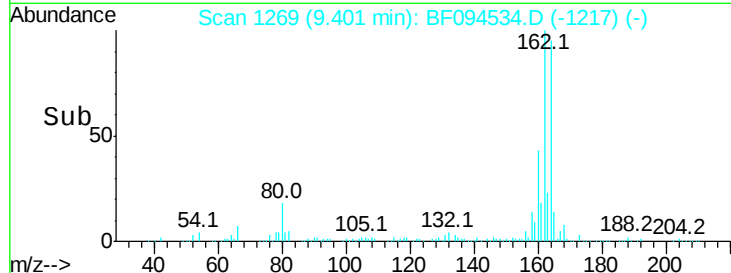
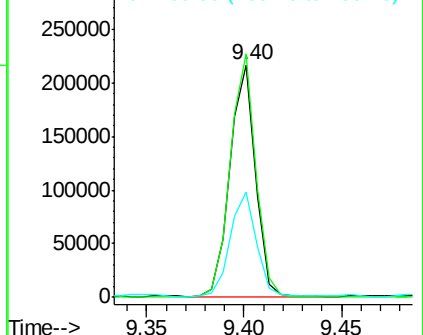
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094534.D
 Acq: 19 Apr 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 194541
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.6 123.8
 160 45.2 36.2 54.2

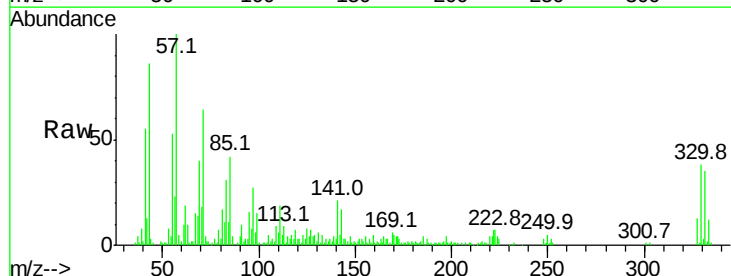


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

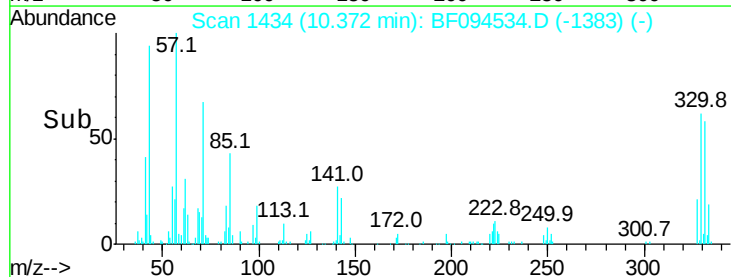
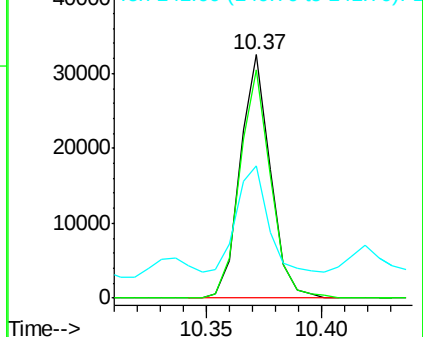


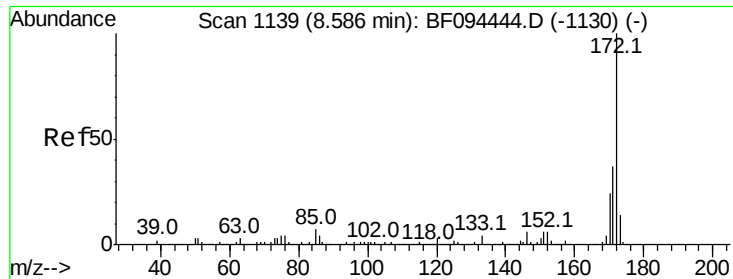
#41
 2,4,6-Tribromophenol
 Concen: 19.45 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094534.D
 Acq: 19 Apr 2017 23:44

Tgt Ion:330 Resp: 29597
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 48.1 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

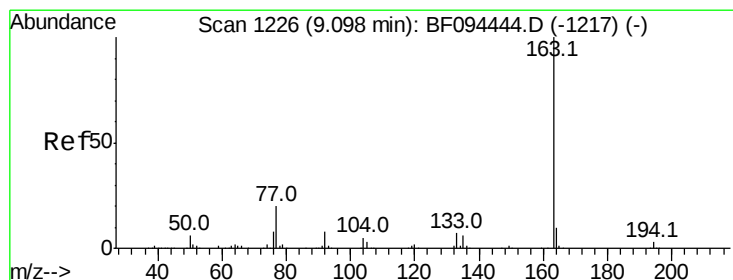
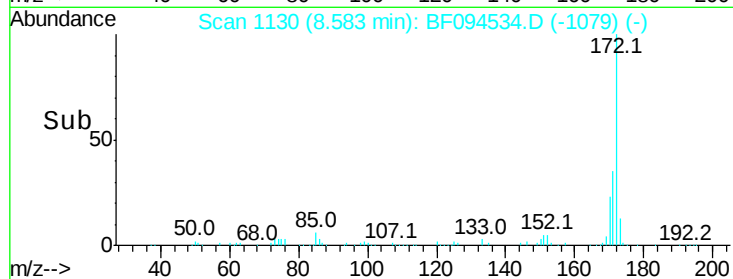
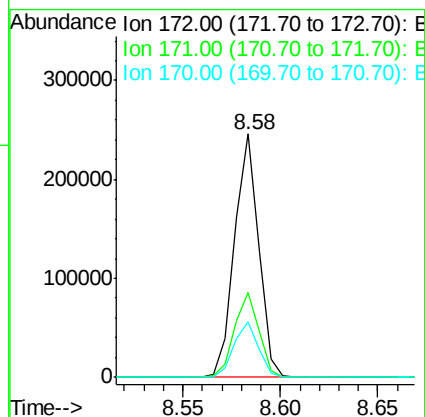
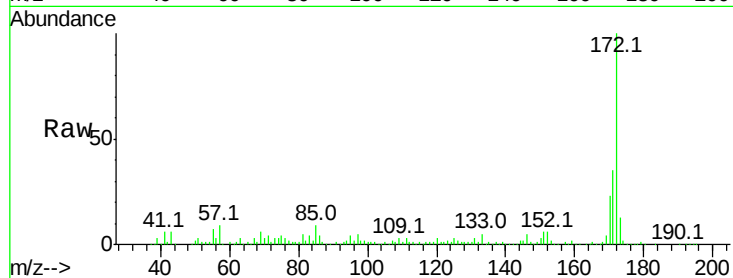




#44
2-Fluorobiphenyl
Concen: 16.06 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

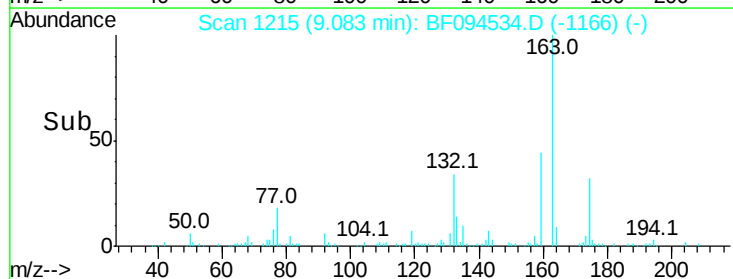
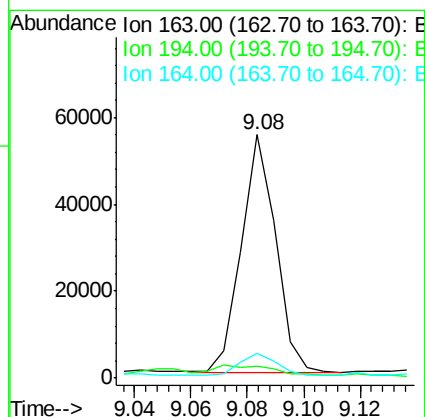
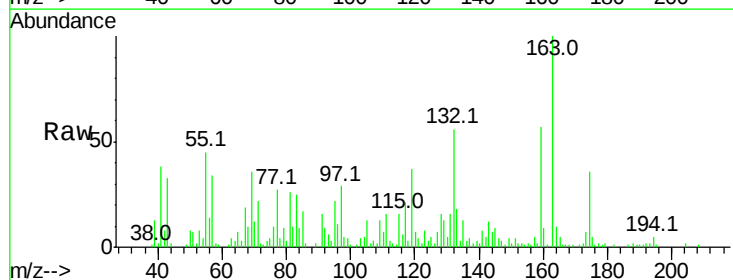
Instrument :
BNA_F
ClientSampleId :

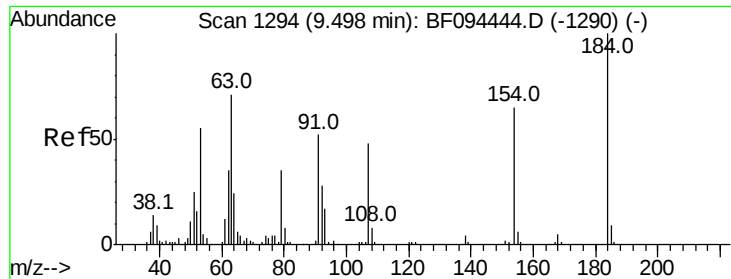
Tot Ion:172 Resp: 212309
Ion Ratio Lower Upper
172 100
171 34.7 29.6 44.4
170 22.6 19.8 29.8



#49
Dimethylphthalate
Concen: 3.20 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

Tgt Ion:163 Resp: 46339
Ion Ratio Lower Upper
163 100
194 4.7 2.6 4.0#
164 10.3 8.4 12.6

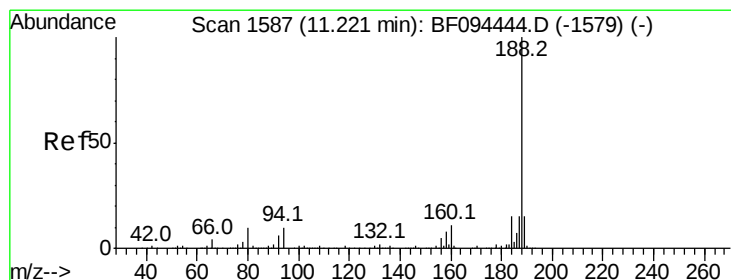
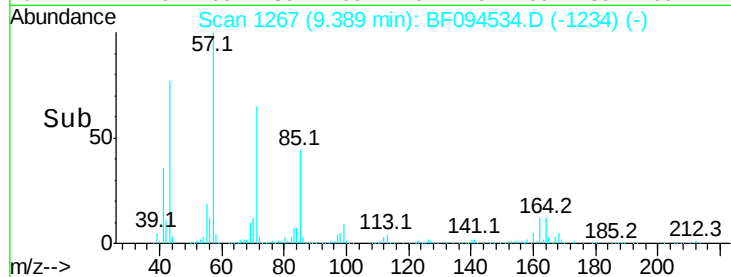
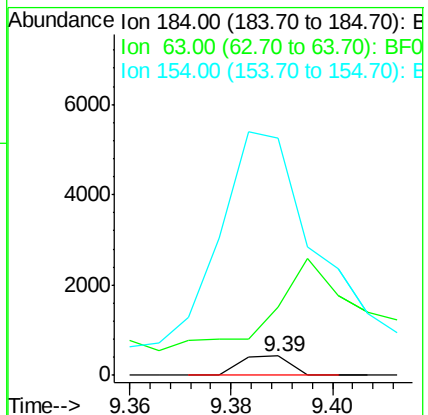
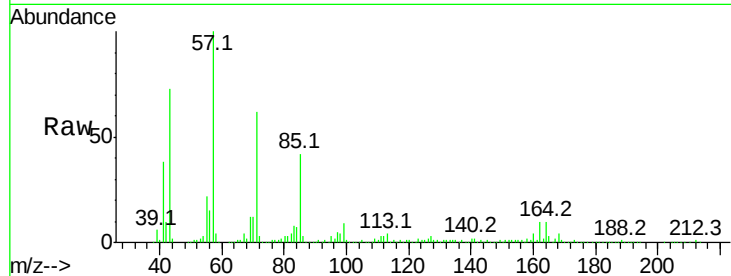




#53
 2,4-Dinitrophenol
 Concen: 5.91 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.11 min
 Lab File: BF094534.D
 Acq: 19 Apr 2017 23:44

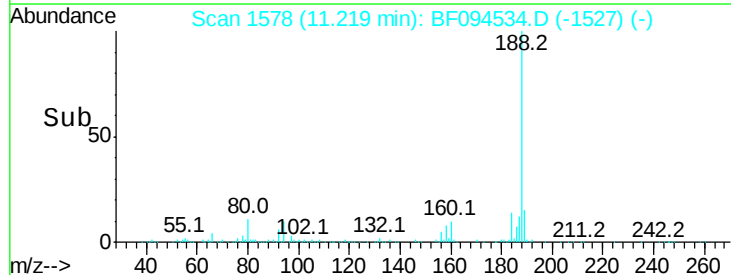
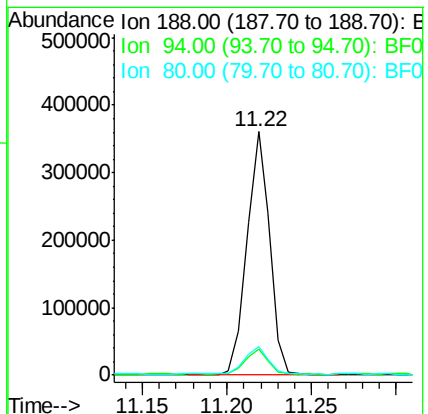
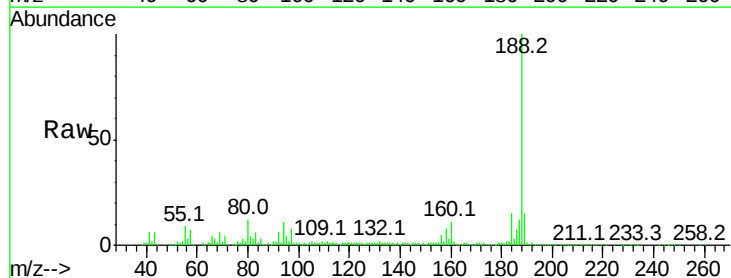
Instrument :
 BNA_F
 ClientSampleId :

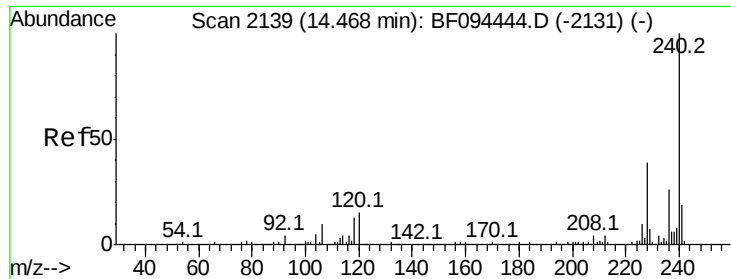
Tot Ion:184 Resp: 290
 Ion Ratio Lower Upper
 184 100
 63 357.9 62.7 94.1#
 154 1235.8 81.1 121.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094534.D
 Acq: 19 Apr 2017 23:44

Tgt Ion:188 Resp: 338519
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.8 10.2 15.2

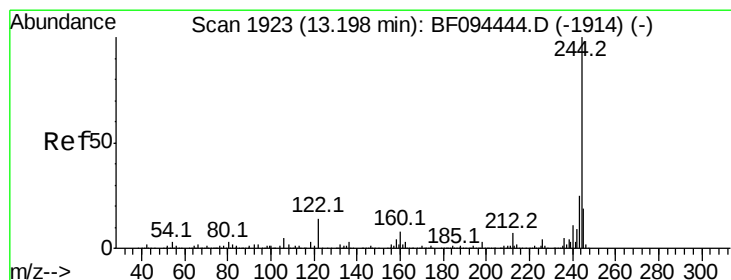
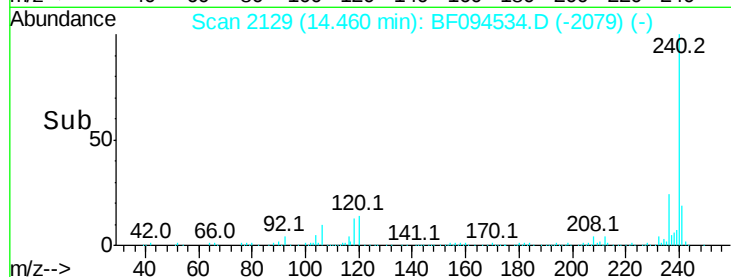
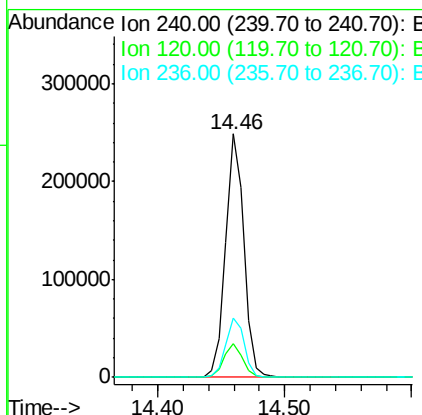
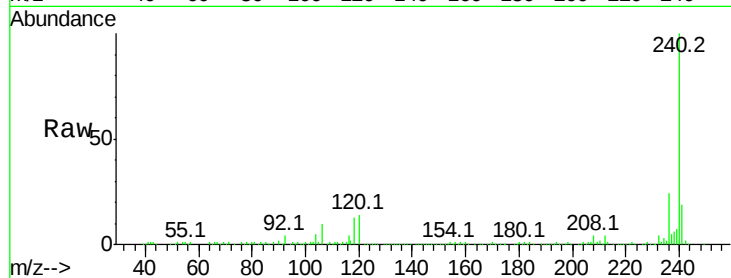




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094534.D
 Acq: 19 Apr 2017 23:44

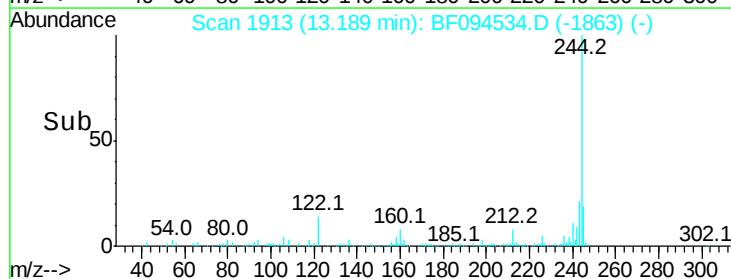
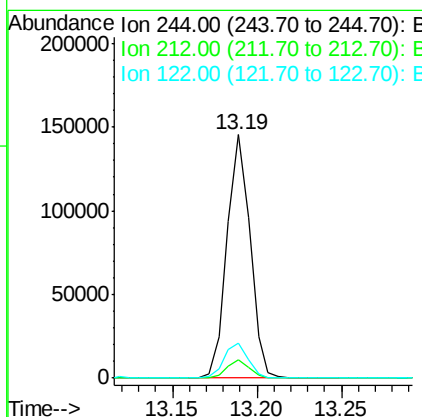
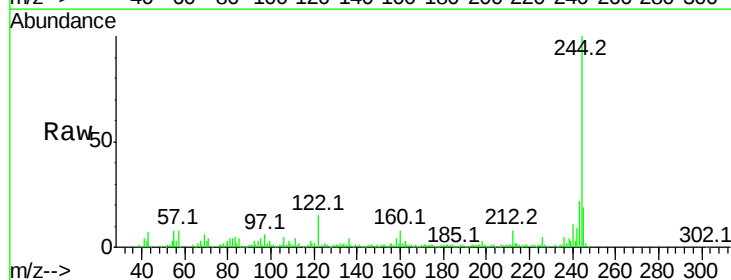
Instrument :
 BNA_F
 ClientSampleId :

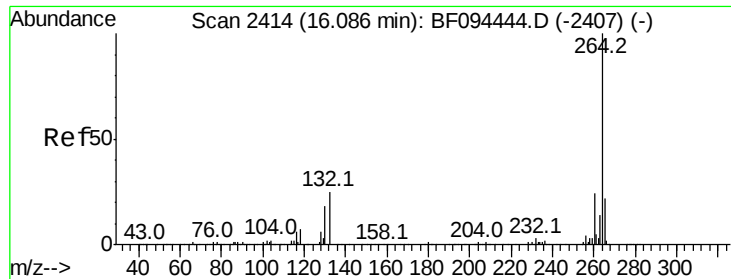
Tot Ion:240 Resp: 248271
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 14.90 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094534.D
 Acq: 19 Apr 2017 23:44

Tgt Ion:244 Resp: 138396
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.6 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	19.8	17.2	25.8

