

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096273.D
 Acq On : 29 Jun 2017 3:13
 Operator : SJ/MA
 Sample : I3852-17 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 05:41:05 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

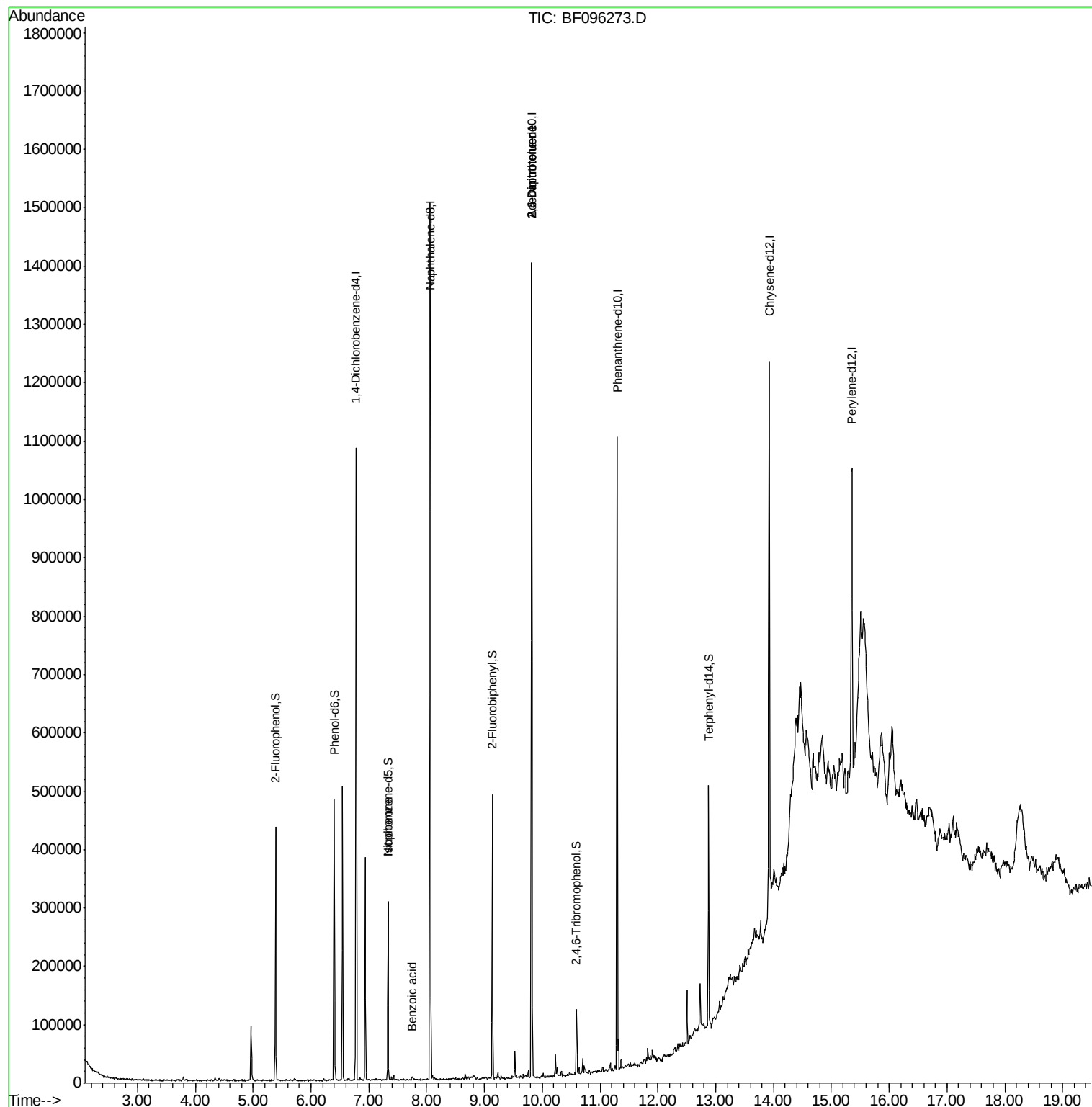
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	152029	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	588859	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	233441	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	378232	20.00	ng	0.01
75) Chrysene-d12	13.93	240	339540	20.00	ng	0.01
86) Perylene-d12	15.36	264	242413	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	105127	9.96	ng	0.00
7) Phenol-d6	6.40	99	145122	11.36	ng	0.01
23) Nitrobenzene-d5	7.33	82	72232	8.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	11939	6.50	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	138568	10.87	ng	-0.01
78) Terphenyl-d14	12.87	244	108054	7.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	124	Below Cal	#	47
25) Isophorone	7.33	82	72230	3.74	ng	# 67
32) Benzoic acid	7.75	122	1440	8.98	ng	# 79
50) 2,6-Dinitrotoluene	9.82	165	30041	8.64	ng	# 33
56) 2,4-Dinitrotoluene	9.82	165	30041	6.86	ng	# 32
57) Fluorene	10.36	166	1124	Below Cal	#	89
70) Phenanthrene	11.37	178	5266	Below Cal		96

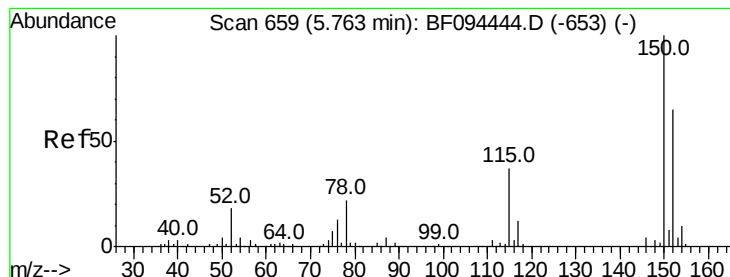
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF096273.D

Acq: 29 Jun 2017 3:13

Instrument :

BNA_F

ClientSampleId :

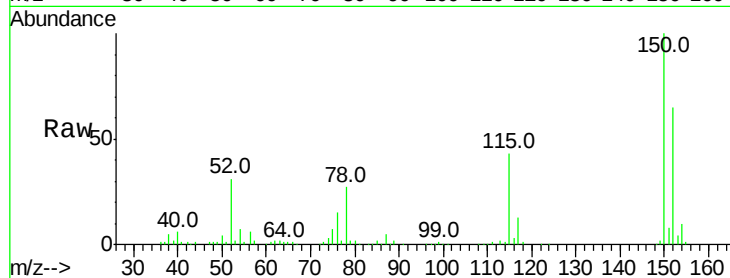
Tot Ion:152 Resp: 152029

Ion Ratio Lower Upper

152 100

150 153.3 126.2 189.2

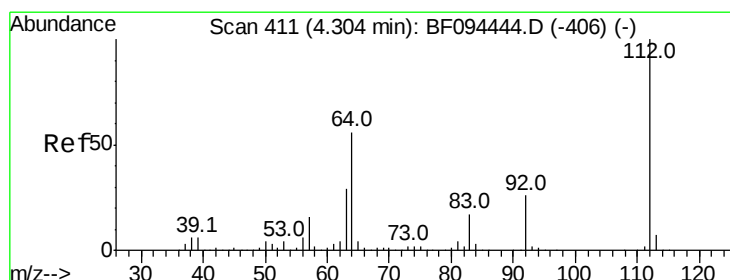
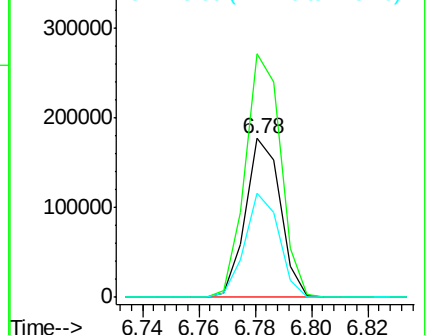
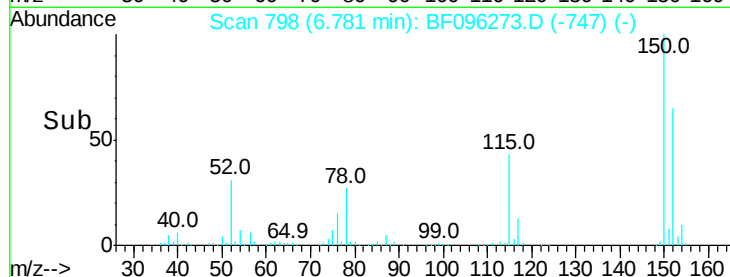
115 65.2 52.2 78.2



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: 9.96 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF096273.D

Acq: 29 Jun 2017 3:13

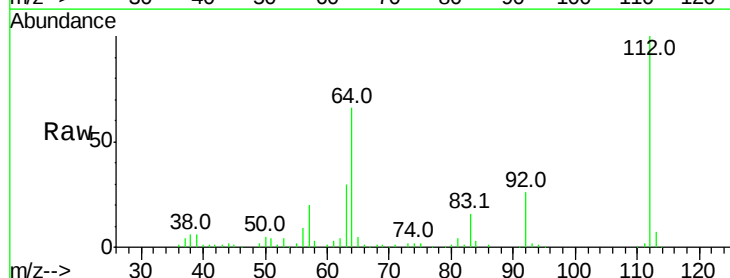
Tgt Ion:112 Resp: 105127

Ion Ratio Lower Upper

112 100

64 65.8 46.0 69.0

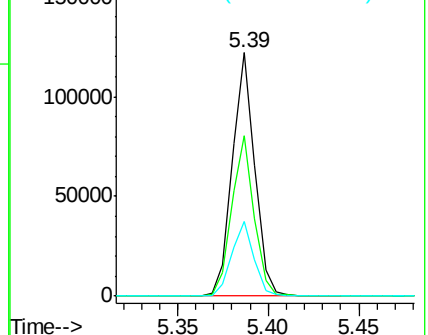
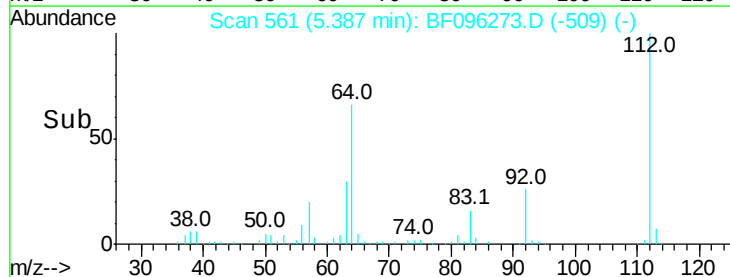
63 30.5 23.4 35.0

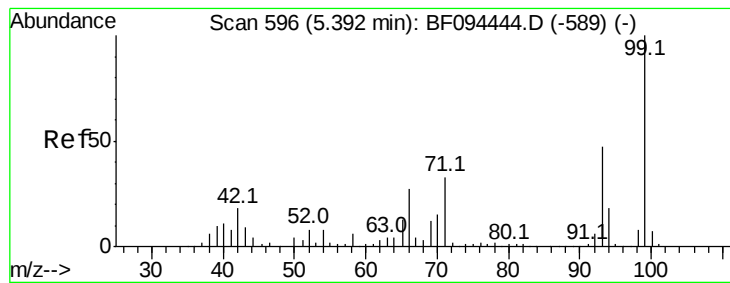


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.36 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096273.D

Acq: 29 Jun 2017 3:13

Instrument :

BNA_F

ClientSampleId :

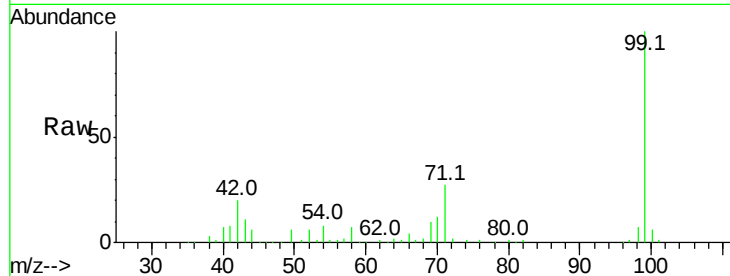
Tot Ion: 99 Resp: 145122

Ion Ratio Lower Upper

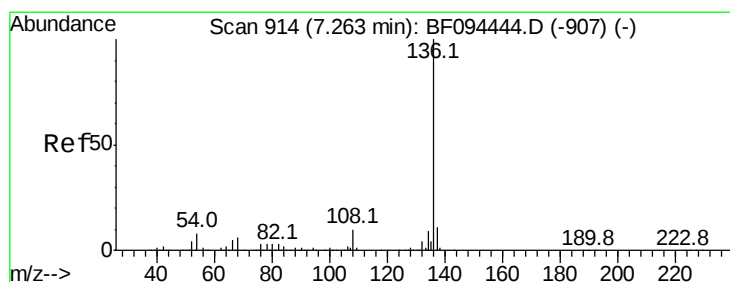
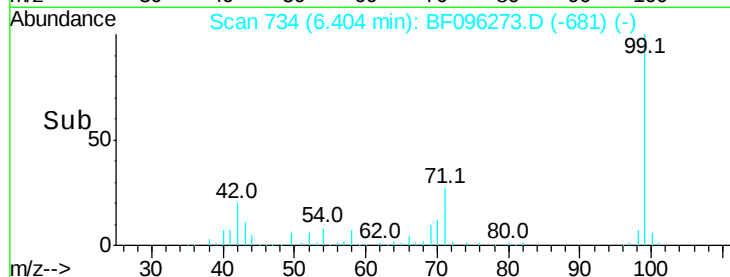
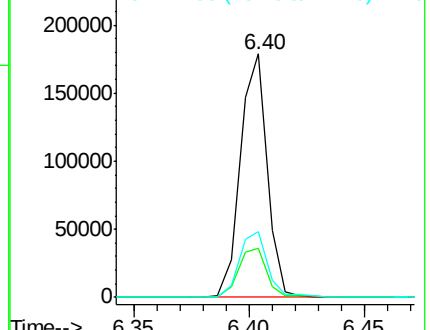
99 100

42 19.9 13.5 20.3

71 27.1 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: BF096273.D

Acq: 29 Jun 2017 3:13

Tgt Ion: 136 Resp: 588859

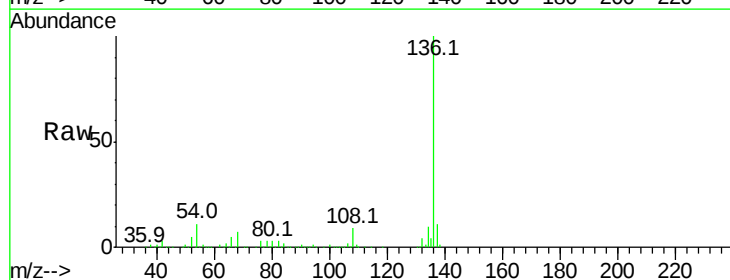
Ion Ratio Lower Upper

136 100

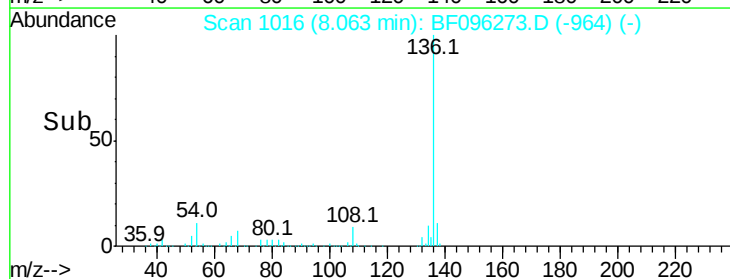
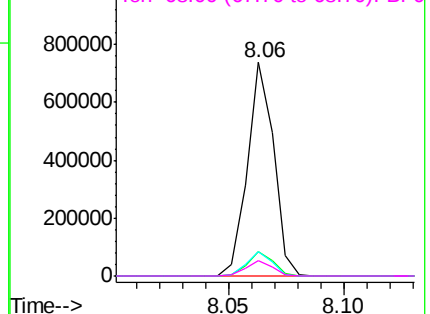
137 11.2 8.5 12.7

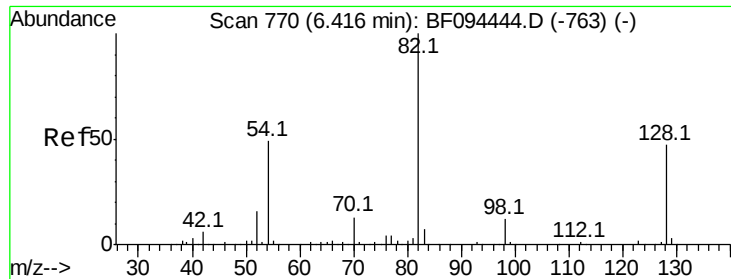
54 11.3 4.9 7.3#

68 7.0 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

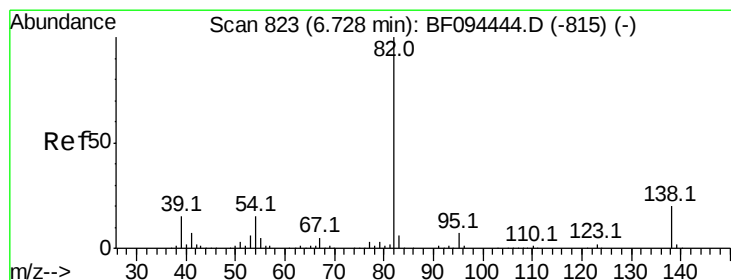
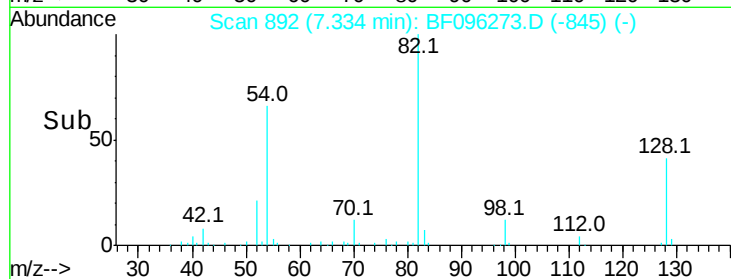
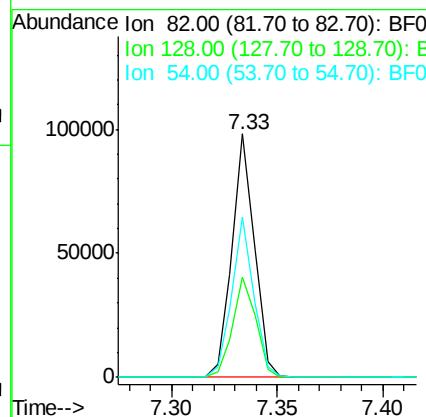
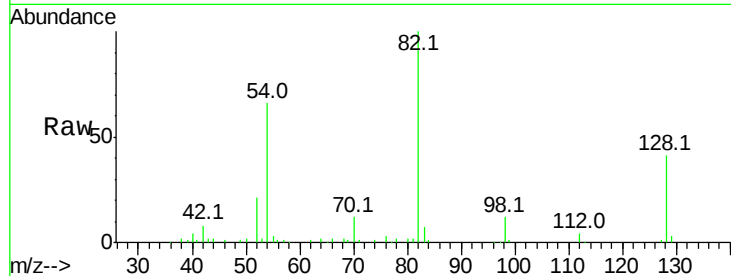




#23
 Nitrobenzene-d5
 Concen: 8.49 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096273.D
 Acq: 29 Jun 2017 3:13

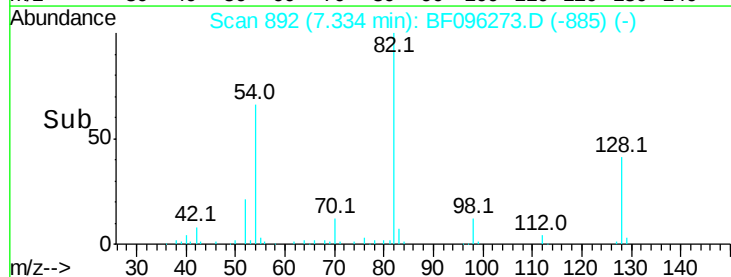
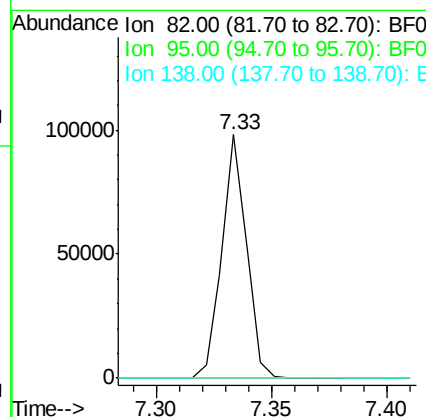
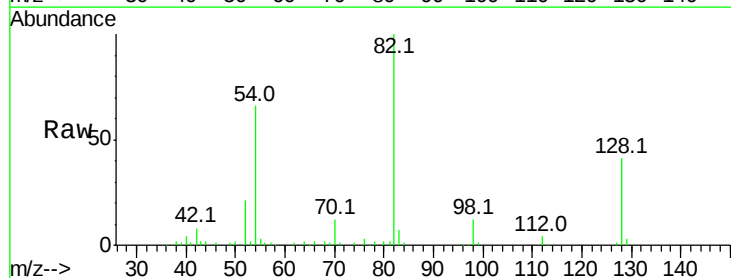
Instrument :
 BNA_F
 ClientSampleId :

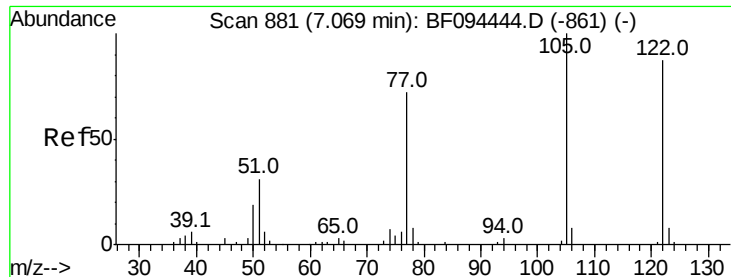
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.0	51.0
54	65.7	42.2	63.2#



#25
 Isophorone
 Concen: 3.74 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF096273.D
 Acq: 29 Jun 2017 3:13

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

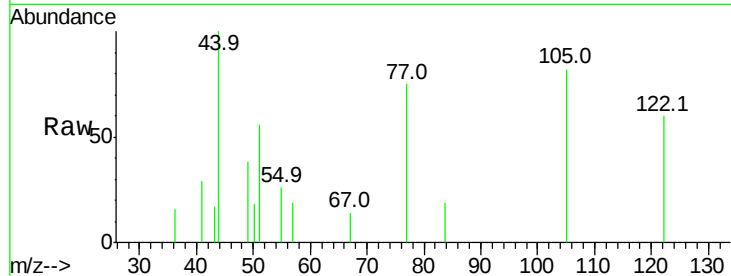




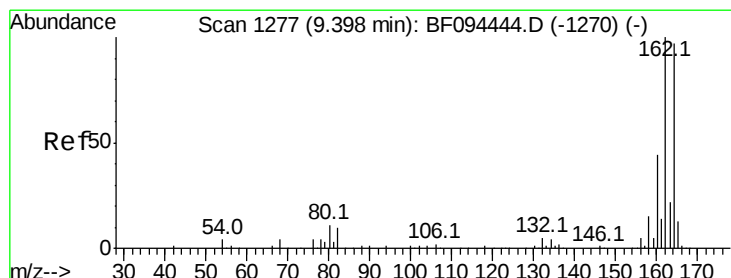
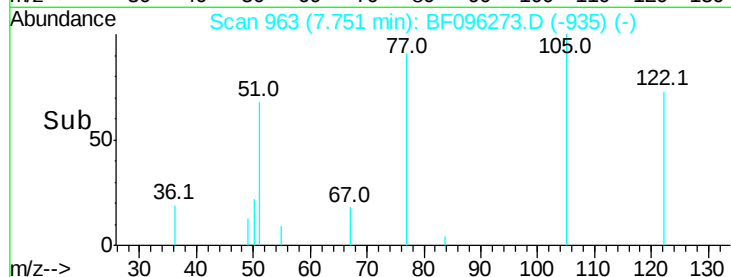
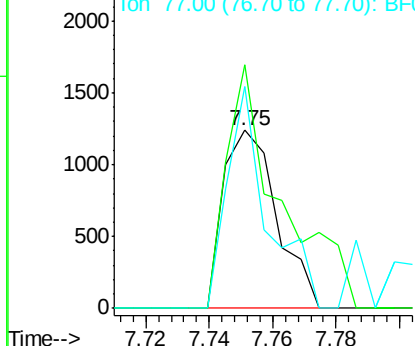
#32
Benzoic acid
Concen: 8.98 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.13 min
Lab File: BF096273.D
Acq: 29 Jun 2017 3:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 1440
Ion Ratio Lower Upper
122 100
105 136.6 103.3 143.3
77 124.8 73.7 113.7#

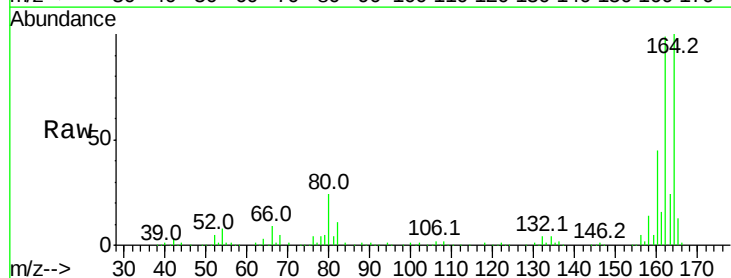


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

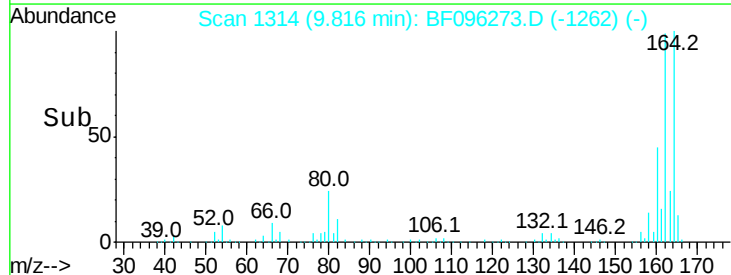
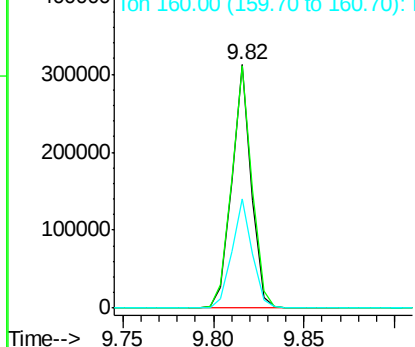


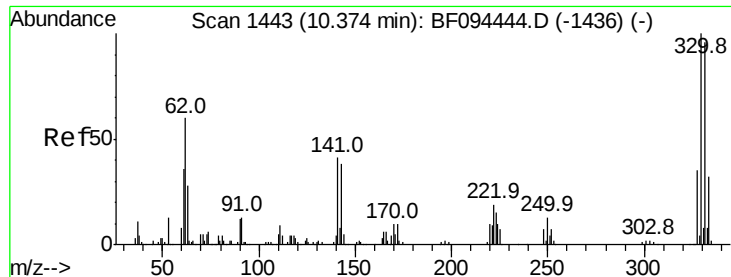
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096273.D
Acq: 29 Jun 2017 3:13

Tgt Ion:164 Resp: 233441
Ion Ratio Lower Upper
164 100
162 99.4 82.6 123.8
160 45.1 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

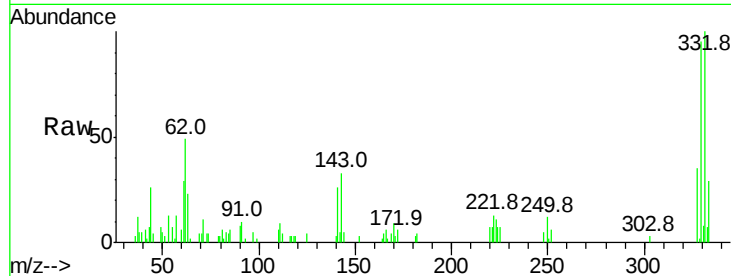




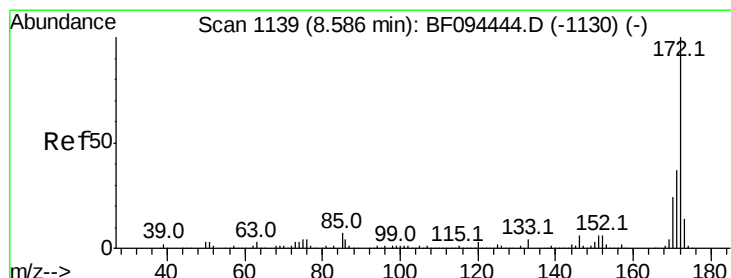
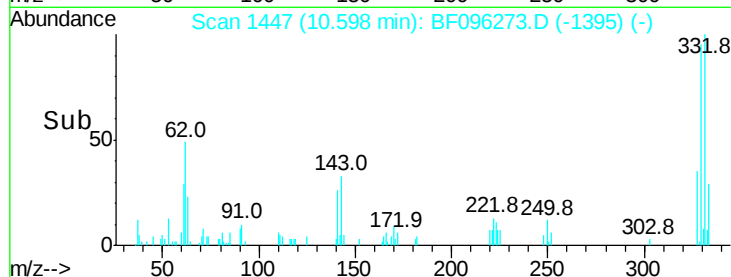
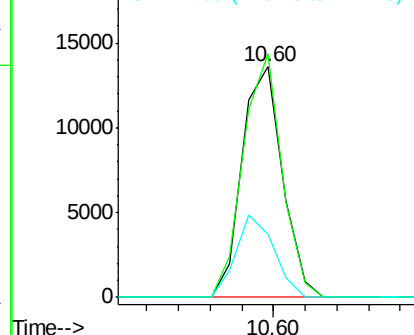
#41
 2,4,6-Tribromophenol
 Concen: 6.50 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096273.D
 Acq: 29 Jun 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 11939
 Ion Ratio Lower Upper
 330 100
 332 101.8 76.6 115.0
 141 33.5 31.4 47.2

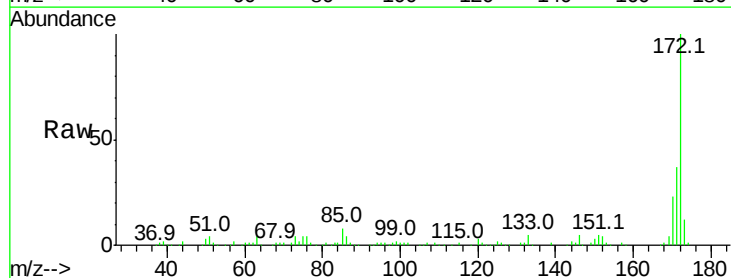


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

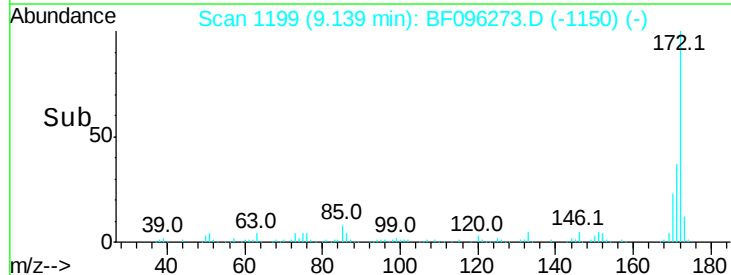
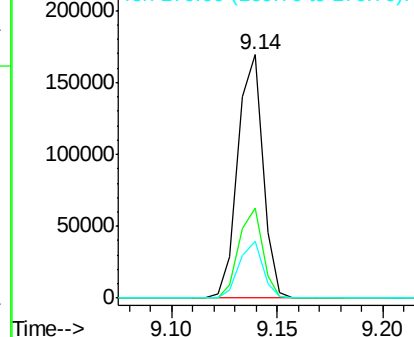


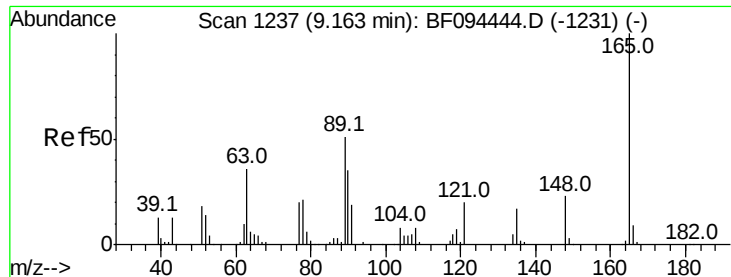
#44
 2-Fluorobiphenyl
 Concen: 10.87 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096273.D
 Acq: 29 Jun 2017 3:13

Tgt Ion:172 Resp: 138568
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 23.1 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

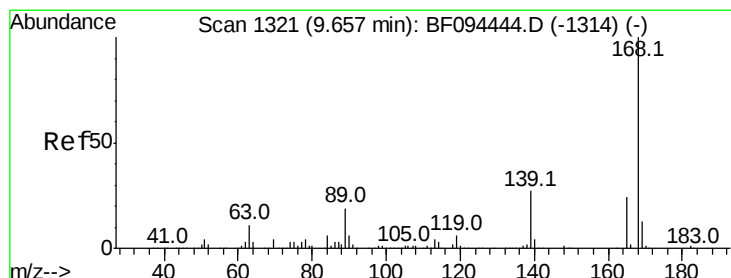
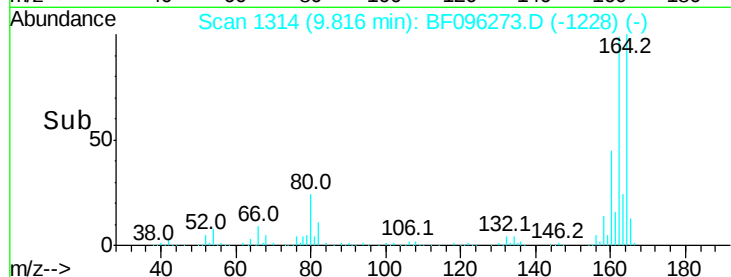
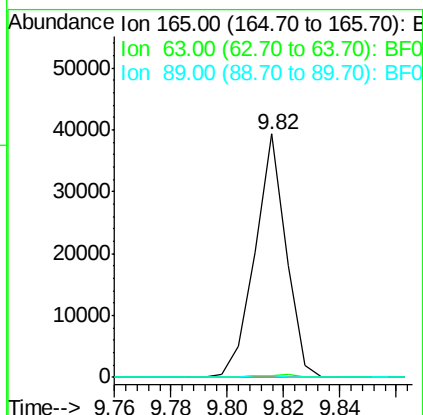
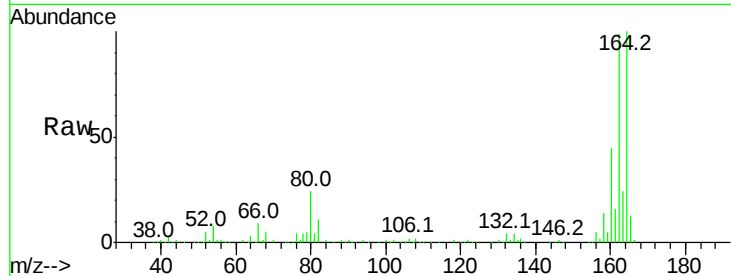




#50
 2,6-Dinitrotoluene
 Concen: 8.64 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.21 min
 Lab File: BF096273.D
 Acq: 29 Jun 2017 3:13

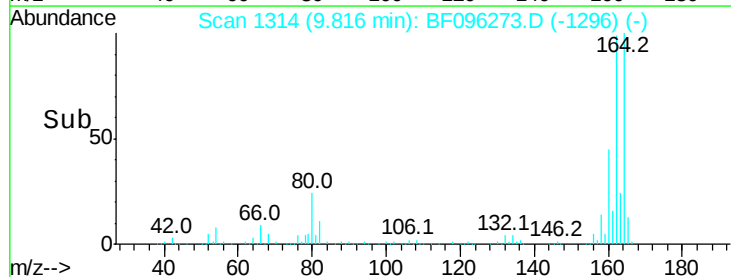
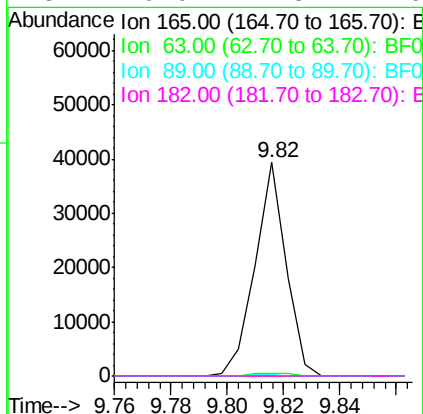
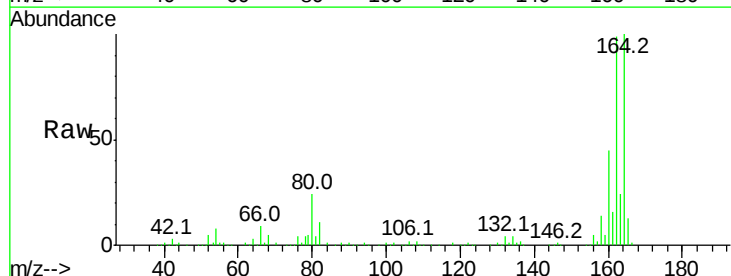
Instrument :
 BNA_F
 ClientSampleId :

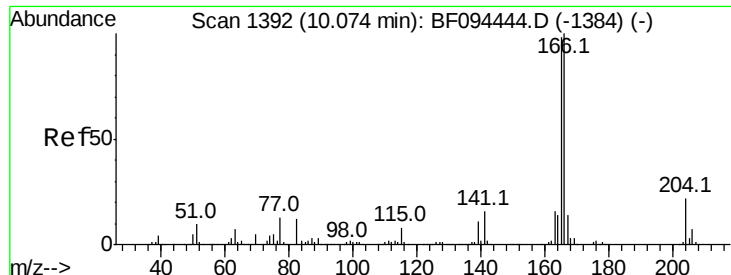
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.3	51.5#
89	0.8	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.86 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.19 min
 Lab File: BF096273.D
 Acq: 29 Jun 2017 3:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	0.8	46.4	69.6#
182	0.0	1.8	2.6#





#57

Fluorene

Concen: Below Cal

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF096273.D

Acq: 29 Jun 2017 3:13

Instrument :

BNA_F

ClientSampleId :

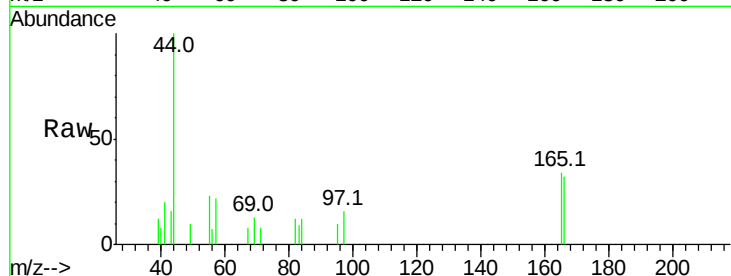
Tot Ion:166 Resp: 1124

Ion Ratio Lower Upper

166 100

165 106.0 78.8 118.2

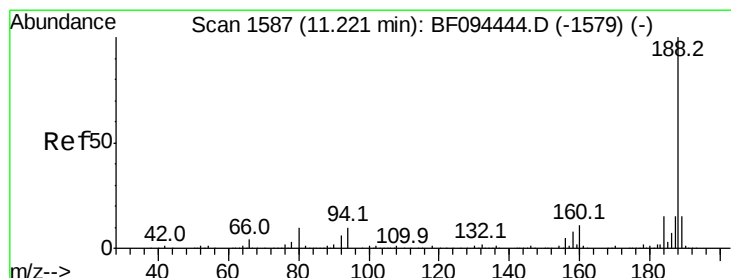
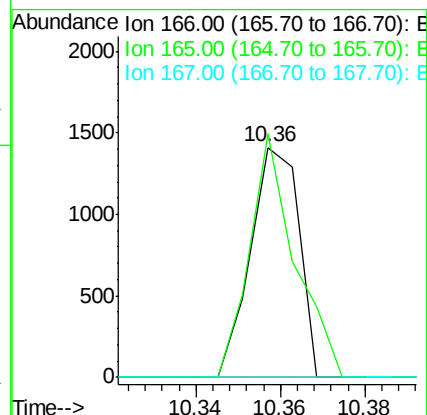
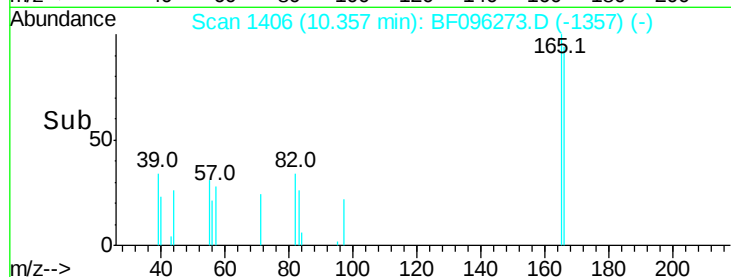
167 0.0 10.6 16.0#



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: 11.30 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF096273.D

Acq: 29 Jun 2017 3:13

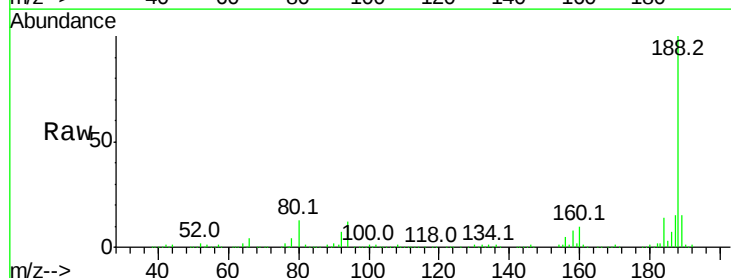
Tgt Ion:188 Resp: 378232

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

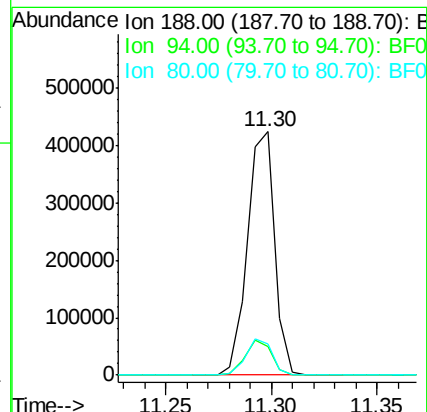
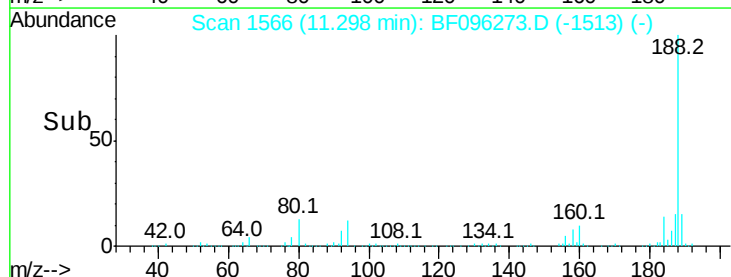
80 12.5 10.2 15.2

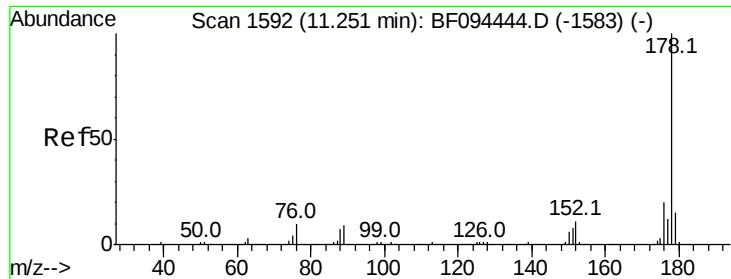


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

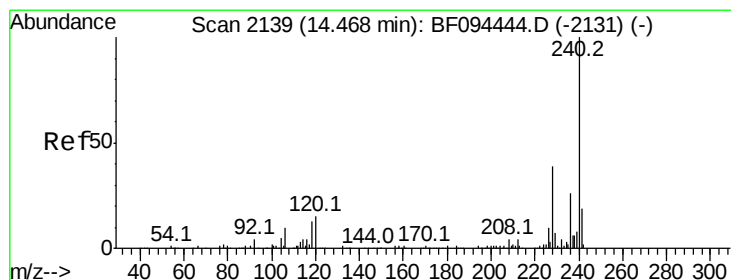
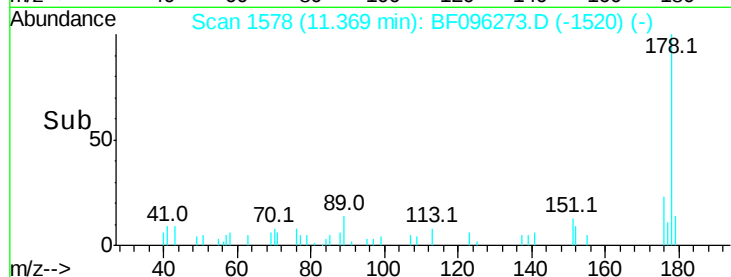
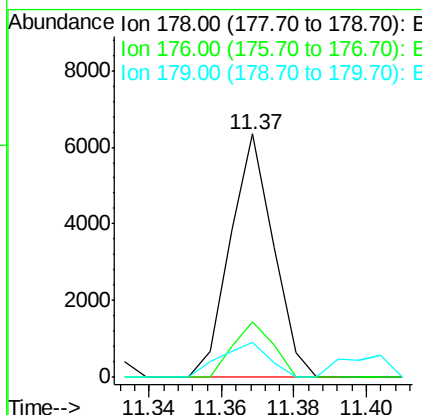
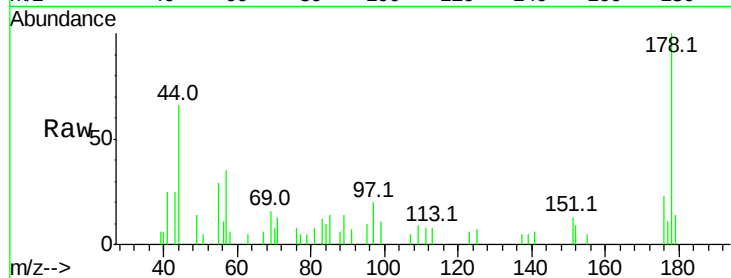




#70
Phenanthrene
Concen: Below Cal
RT: 11.37 min Scan# 1578
Delta R.T. 0.04 min
Lab File: BF096273.D
Acq: 29 Jun 2017 3:13

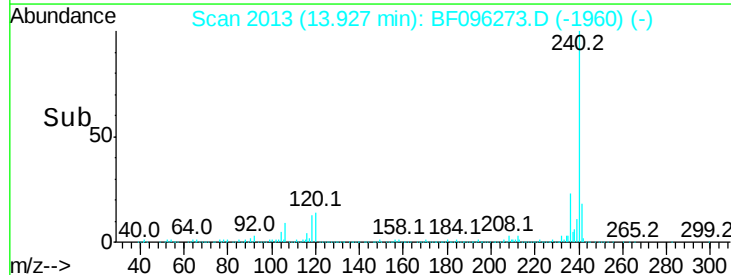
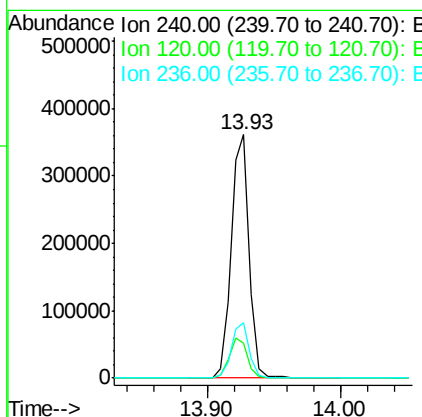
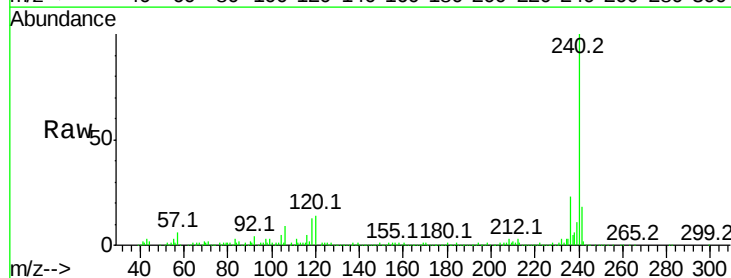
Instrument :
BNA_F
ClientSampleId :

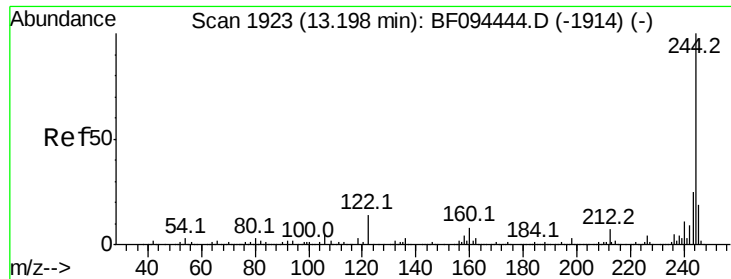
Tot Ion:178 Resp: 5266
Ion Ratio Lower Upper
178 100
176 22.8 16.2 24.4
179 14.4 12.6 19.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF096273.D
Acq: 29 Jun 2017 3:13

Tgt Ion:240 Resp: 339540
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 23.0 20.5 30.7

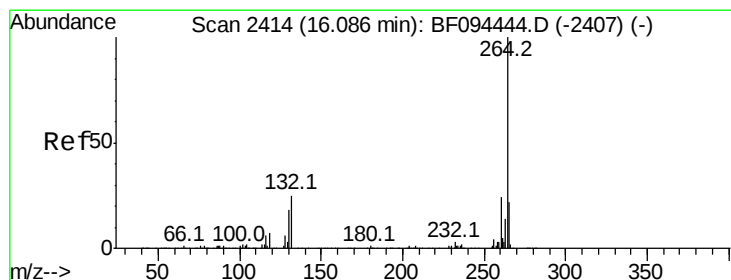
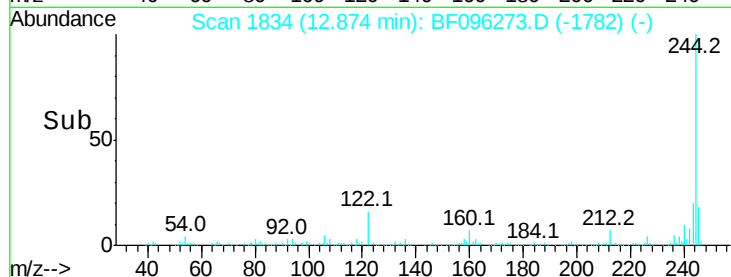
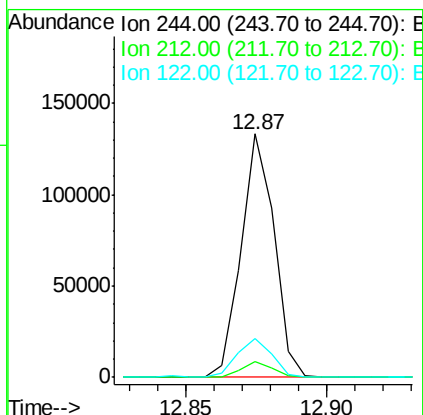
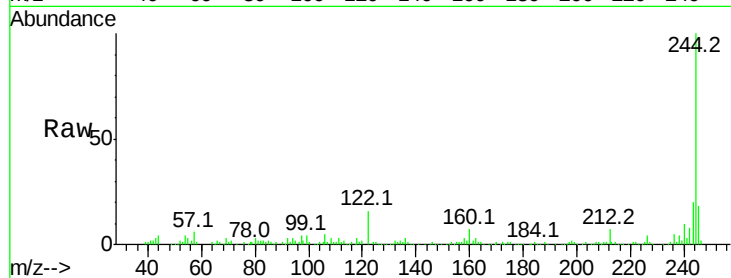




#78
 Terphenyl-d14
 Concen: 7.94 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.01 min
 Lab File: BF096273.D
 Acq: 29 Jun 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 108054
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 15.7 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. 0.02 min
 Lab File: BF096273.D
 Acq: 29 Jun 2017 3:13

Tgt Ion:264 Resp: 242413
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 23.0 17.2 25.8

