

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080156.D
 Acq On : 25 Jun 2015 5:02
 Operator : TP/IZ
 Sample : G2699-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9819

Quant Time: Jun 25 05:44:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

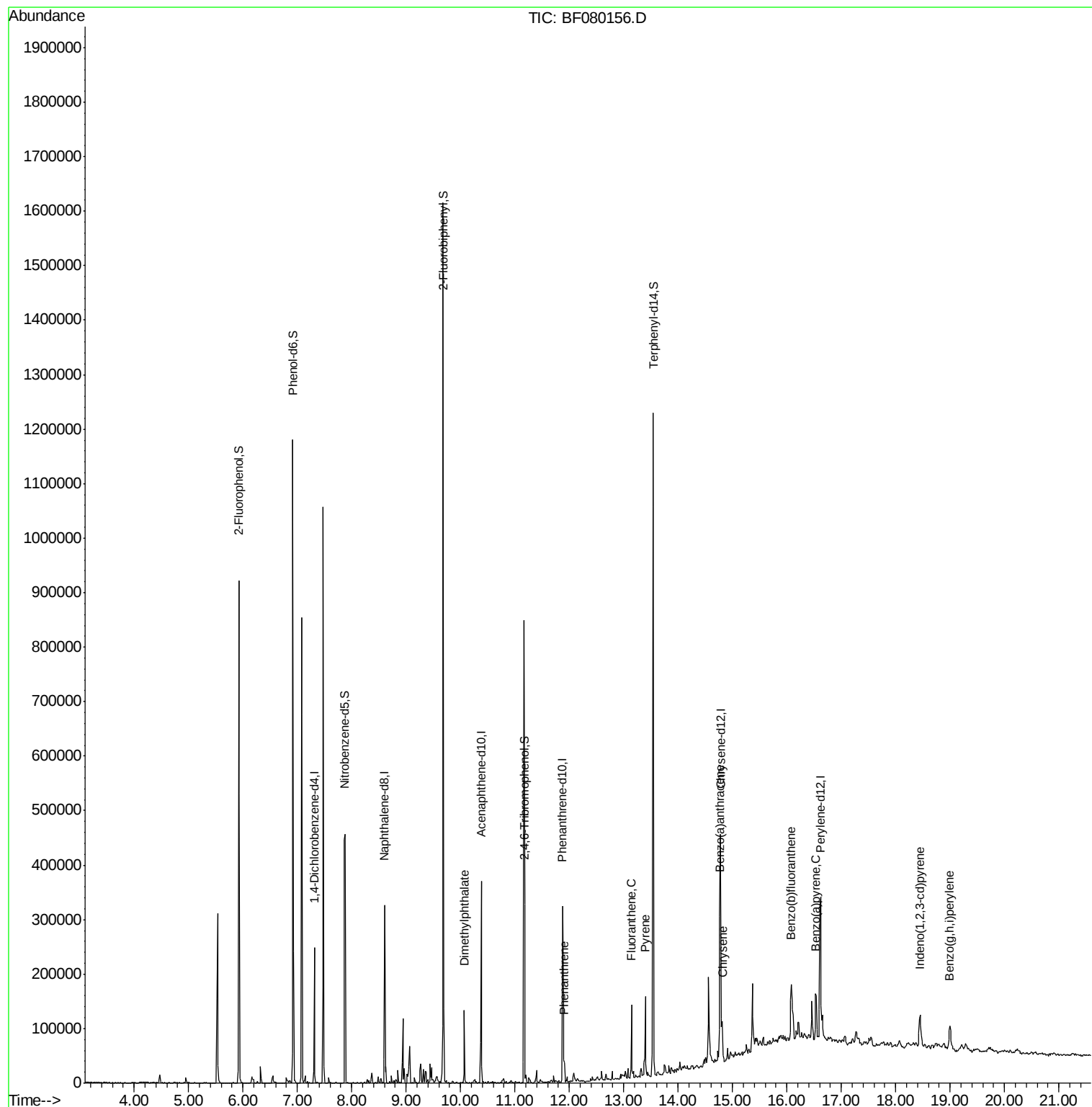
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	33838	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	130578	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	66830	20.00	ng	0.00
63) Phenanthrene-d10	11.88	188	128818	20.00	ng	-0.01
75) Chrysene-d12	14.78	240	158801	20.00	ng	-0.15
86) Perylene-d12	16.62	264	162166	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.92	112	292482	153.01	ng	0.00
7) Phenol-d6	6.92	99	367764	144.58	ng	0.00
23) Nitrobenzene-d5	7.88	82	215851	96.23	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	97333	148.94	ng	0.01
44) 2-Fluorobiphenyl	9.68	172	439241	93.73	ng	0.00
78) Terphenyl-d14	13.54	244	570509	83.90	ng	-0.07
Target Compounds						
49) Dimethylphthalate	10.07	163	50638	10.08	ng	Qvalue # 98
70) Phenanthrene	11.90	178	17762	2.28	ng	96
74) Fluoranthene	13.14	202	52601	6.33	ng	91
77) Pyrene	13.40	202	52863	5.41	ng	97
80) Benzo(a)anthracene	14.77	228	44049m	4.55	ng	
82) Chrysene	14.81	228	42193m	4.73	ng	
85) Indeno(1,2,3-cd)pyrene	18.45	276	46510	4.13	ng	# 82
87) Benzo(b)fluoranthene	16.08	252	75862m	7.73	ng	
89) Benzo(a)pyrene	16.54	252	53659m	5.75	ng	
91) Benzo(g,h,i)perylene	19.00	276	49176	5.10	ng	# 78

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

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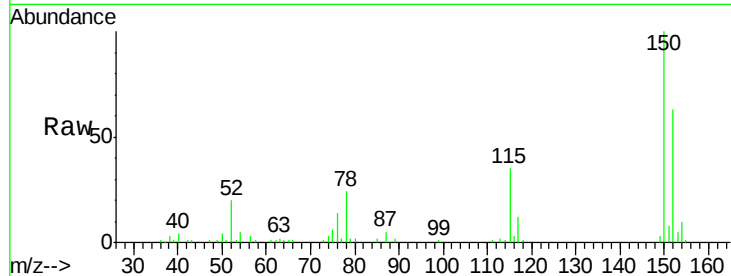




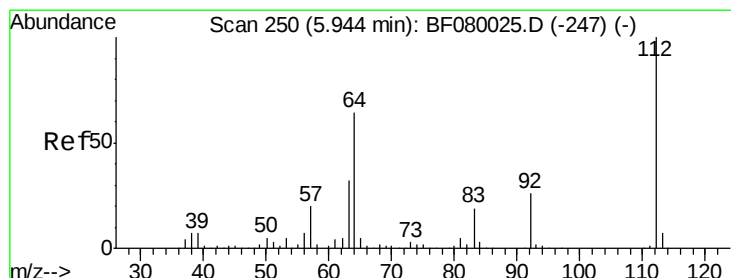
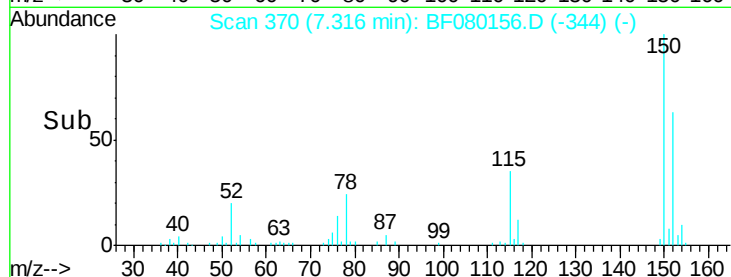
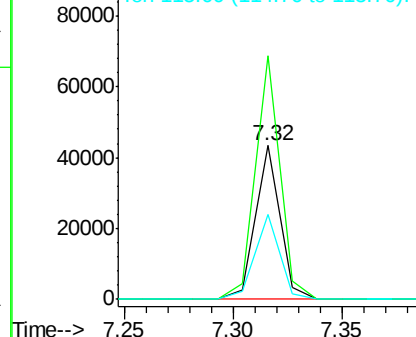
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: BF080156.D
 Acq: 25 Jun 2015 5:02

Instrument :
 BNA_F
 ClientSampled :
 LAR9819

Tgt Ion:152 Resp: 33838
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.7 187.1
 115 55.6 39.0 58.4

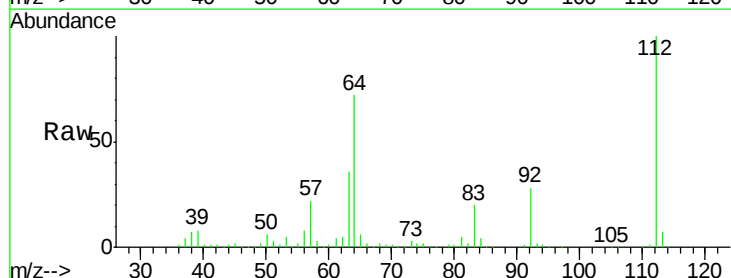


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

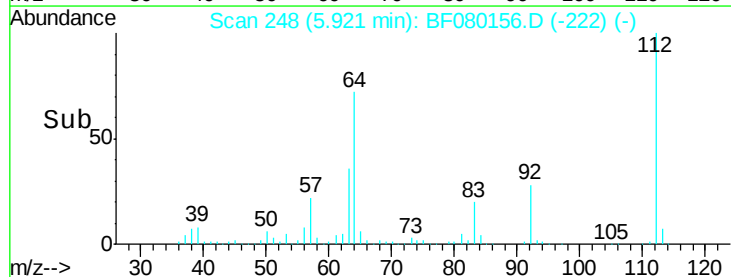
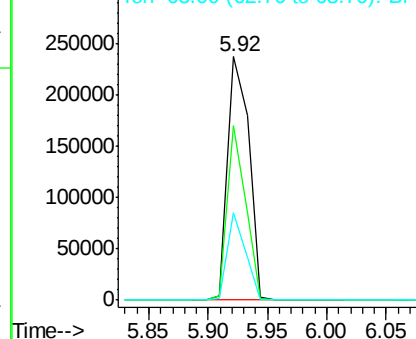


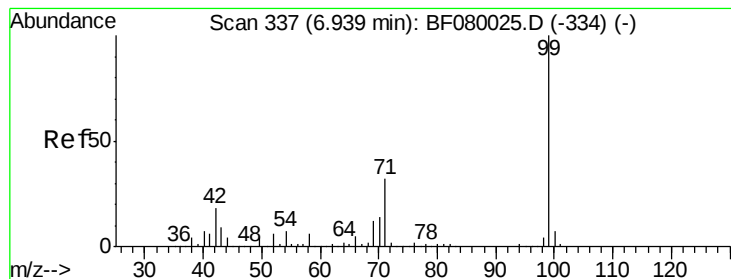
#5
 2-Fluorophenol
 Concen: 153.01 ng
 RT: 5.92 min Scan# 248
 Delta R.T. -0.00 min
 Lab File: BF080156.D
 Acq: 25 Jun 2015 5:02

Tgt Ion:112 Resp: 292482
 Ion Ratio Lower Upper
 112 100
 64 71.7 39.7 59.5#
 63 35.9 17.4 26.0#



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: 144.58 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

Instrument :

BNA_F

ClientSampled :

LAR9819

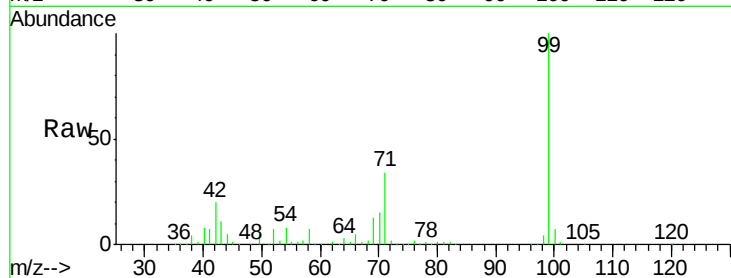
Tgt Ion: 99 Resp: 367764

Ion Ratio Lower Upper

99 100

42 19.9 13.7 20.5

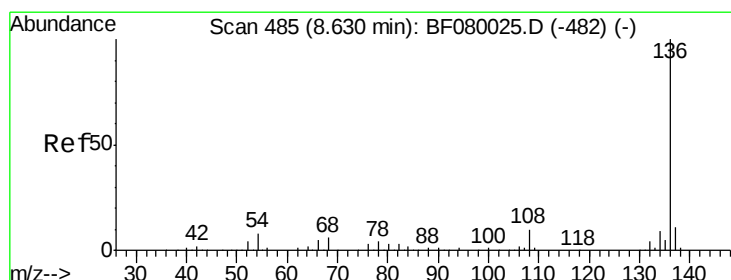
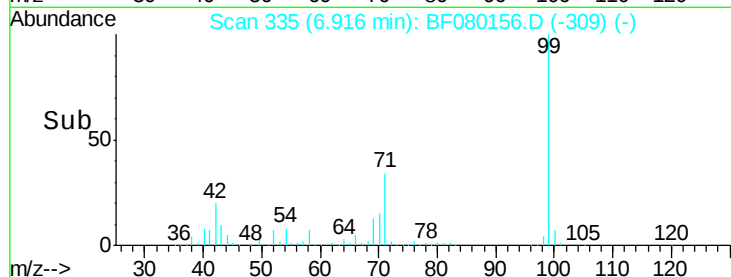
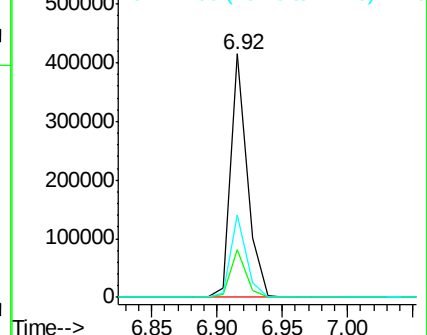
71 33.9 14.2 21.2#



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: 8.61 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

Tgt Ion: 136 Resp: 130578

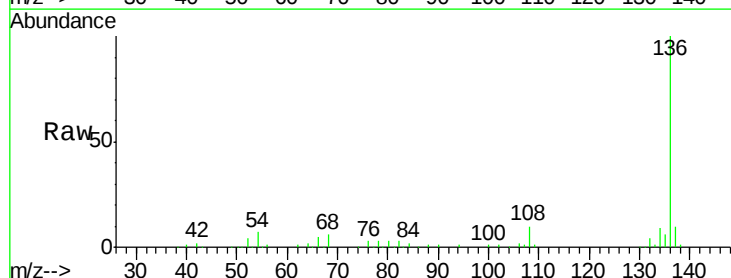
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 7.4 8.2 12.2#

68 5.6 5.8 8.6#

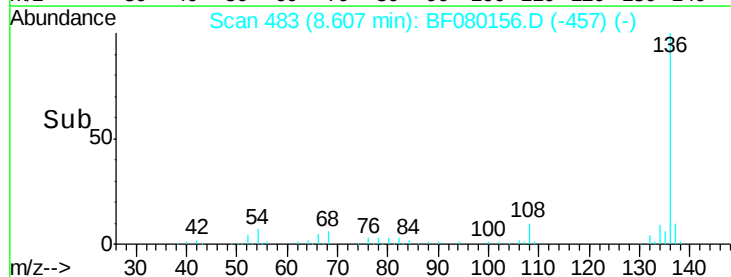
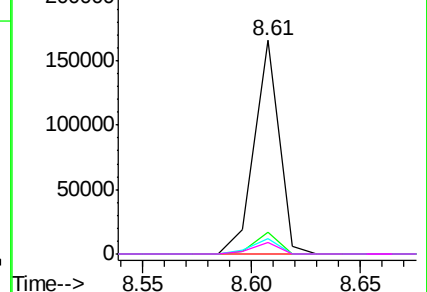


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.23 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

Instrument :

BNA_F

ClientSampleId :

LAR9819

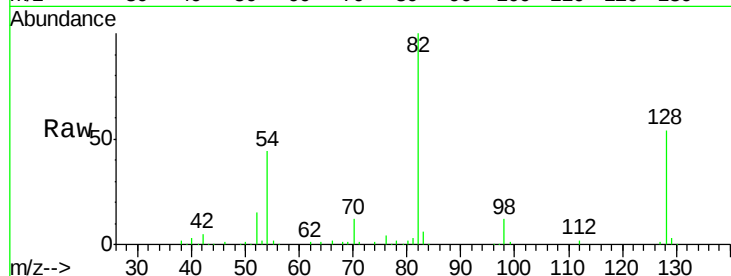
Tgt Ion: 82 Resp: 215851

Ion Ratio Lower Upper

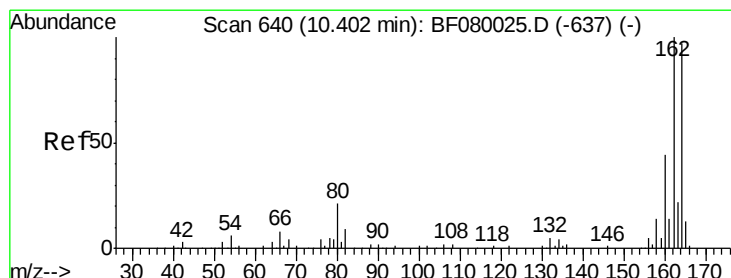
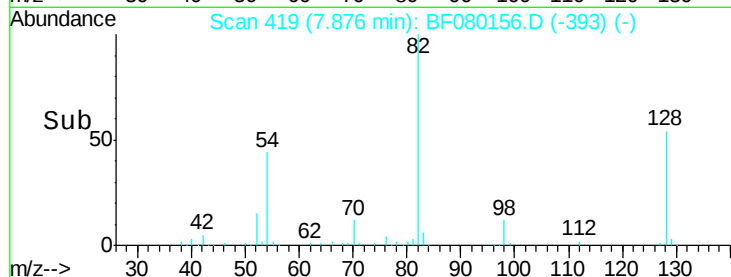
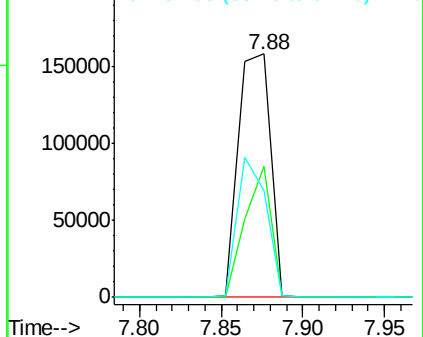
82 100

128 54.0 51.0 76.6

54 44.0 47.5 71.3#



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: 10.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

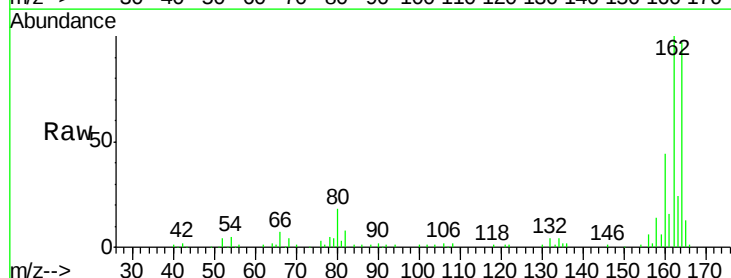
Tgt Ion: 164 Resp: 66830

Ion Ratio Lower Upper

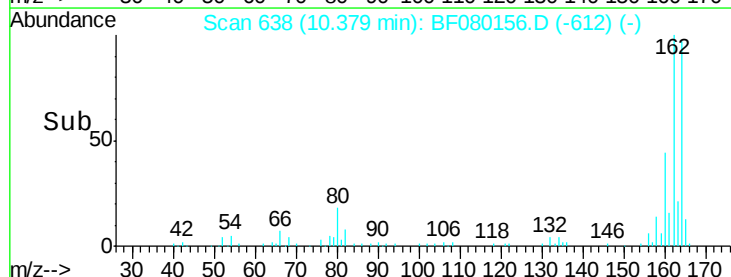
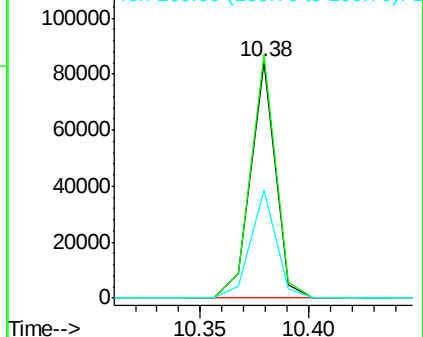
164 100

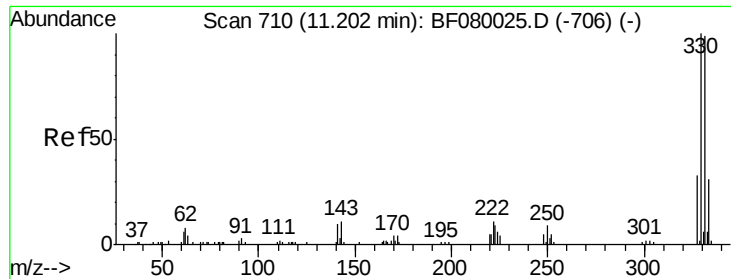
162 103.2 75.2 112.8

160 45.5 31.5 47.3



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

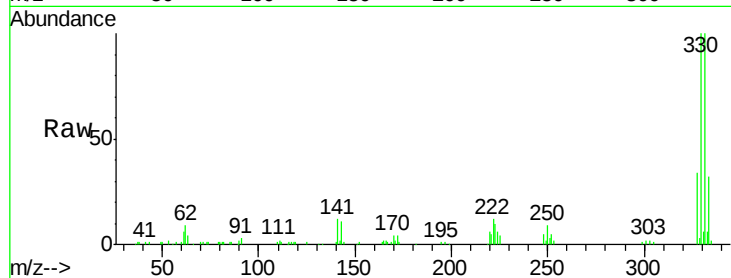




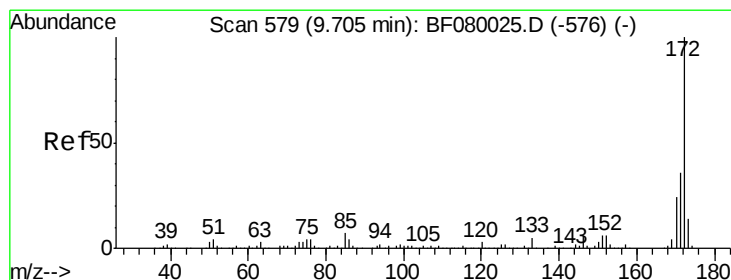
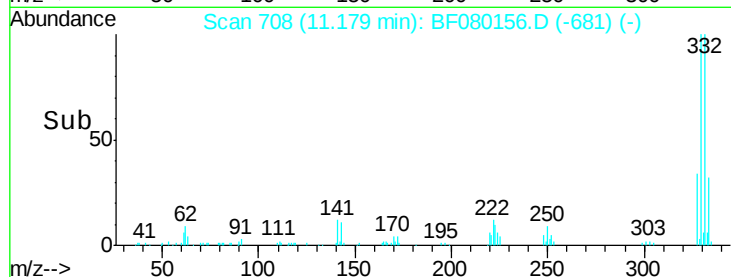
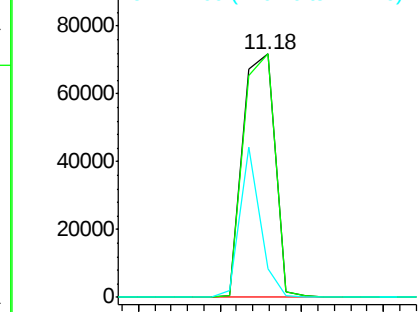
#41
 2,4,6-Tribromophenol
 Concen: 148.94 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF080156.D
 Acq: 25 Jun 2015 5:02

Instrument :
 BNA_F
 ClientSampleId :
 LAR9819

Tgt Ion:330 Resp: 97333
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 38.7 29.7 44.5

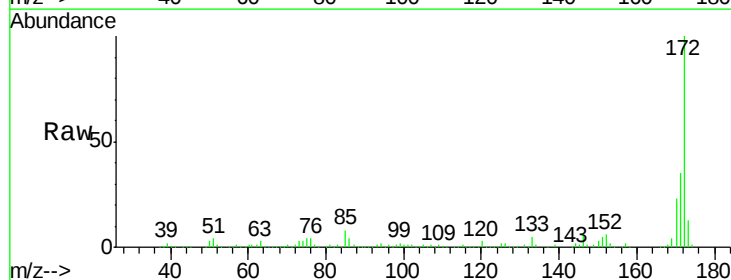


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

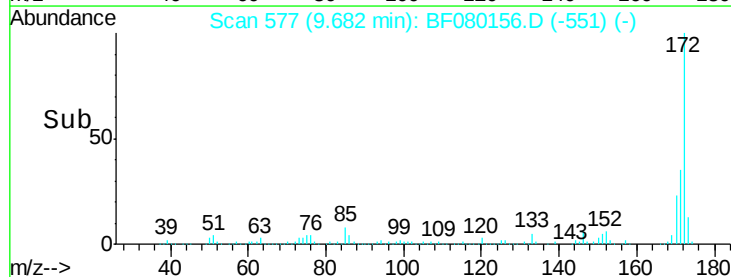
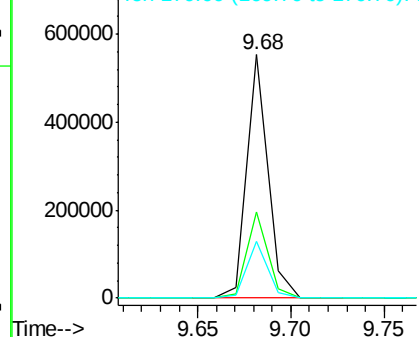


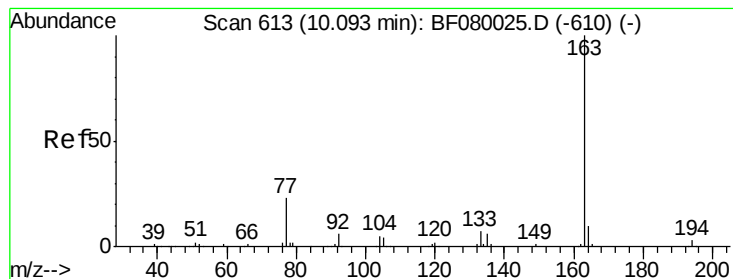
#44
 2-Fluorobiphenyl
 Concen: 93.73 ng
 RT: 9.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF080156.D
 Acq: 25 Jun 2015 5:02

Tgt Ion:172 Resp: 439241
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.4 17.4 26.2



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: 10.08 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

Instrument :

BNA_F

ClientSampleId :

LAR9819

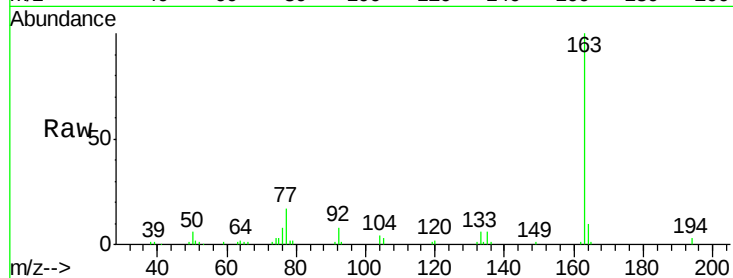
Tgt Ion:163 Resp: 50638

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

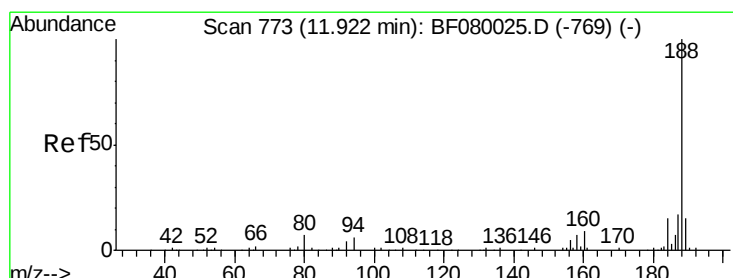
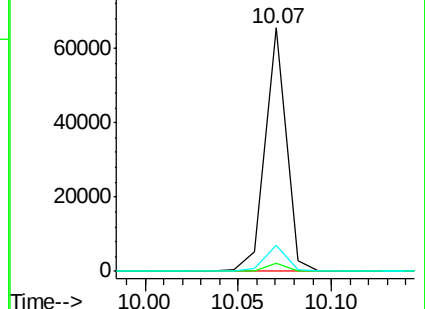
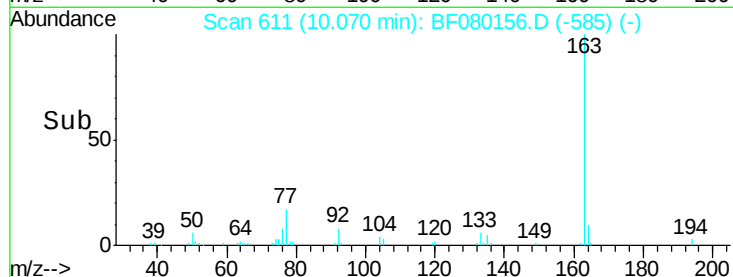
164 10.5 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.88 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

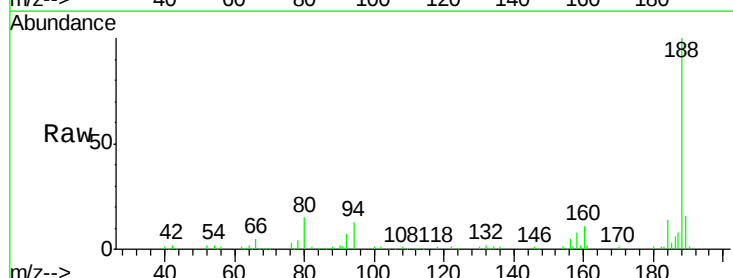
Tgt Ion:188 Resp: 128818

Ion Ratio Lower Upper

188 100

94 12.6 11.1 16.7

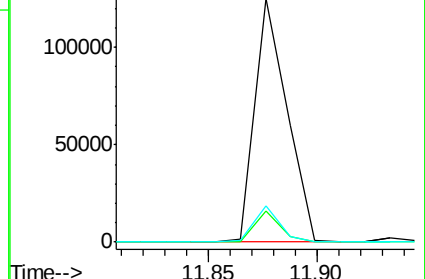
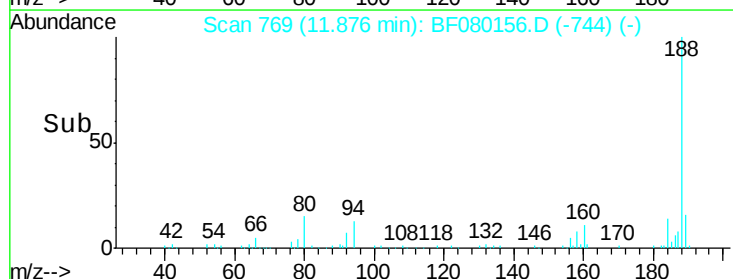
80 14.7 11.0 16.4

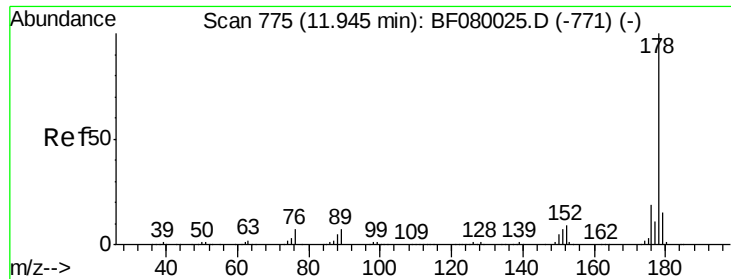


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

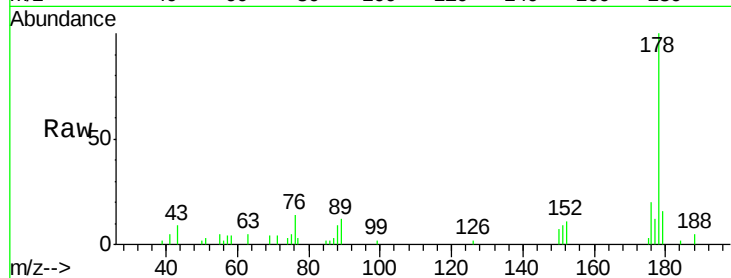




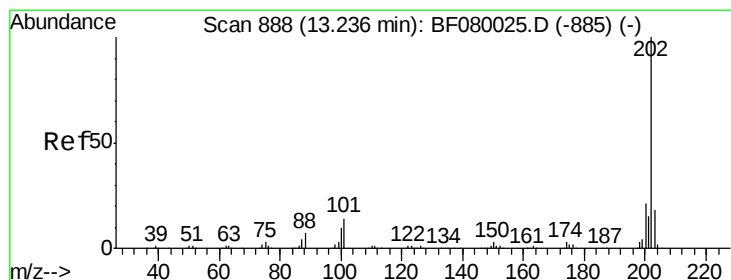
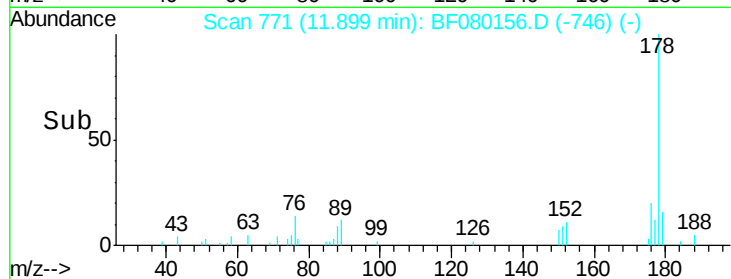
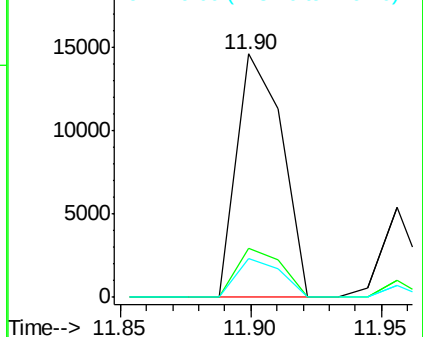
#70
Phenanthrene
Concen: 2.28 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Instrument :
BNA_F
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LAR9819

Tgt Ion:178 Resp: 17762
Ion Ratio Lower Upper
178 100
176 20.3 13.8 20.8
179 15.8 12.2 18.2

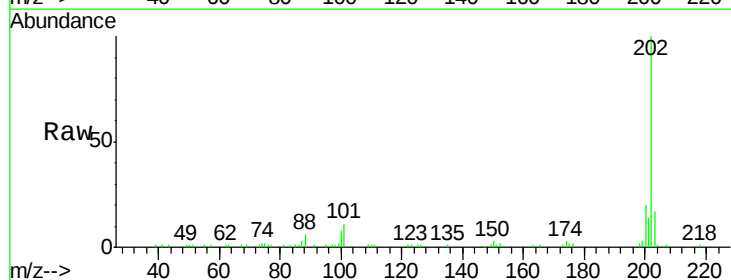


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

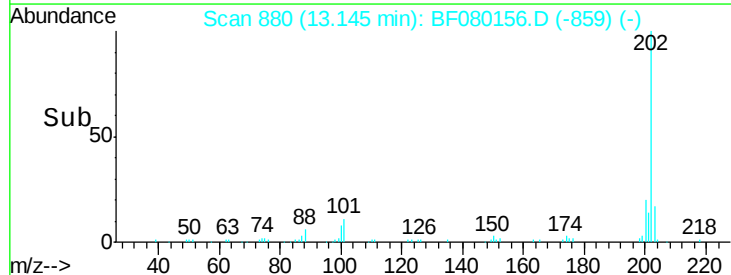
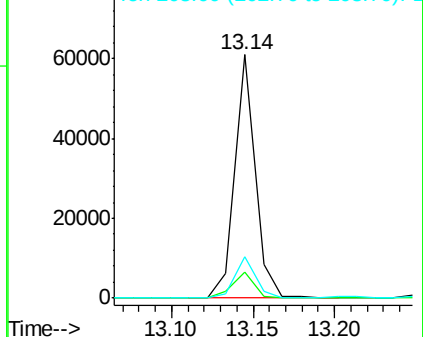


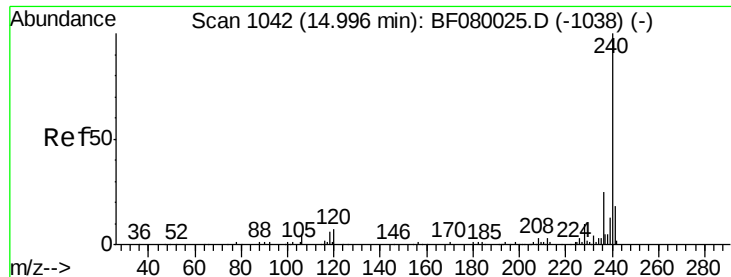
#74
Fluoranthene
Concen: 6.33 ng
RT: 13.14 min Scan# 880
Delta R.T. -0.06 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion:202 Resp: 52601
Ion Ratio Lower Upper
202 100
101 10.6 0.0 38.3
203 17.1 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.78 min Scan# 1023

Delta R.T. -0.15 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

Instrument :

BNA_F

ClientSampleId :

LAR9819

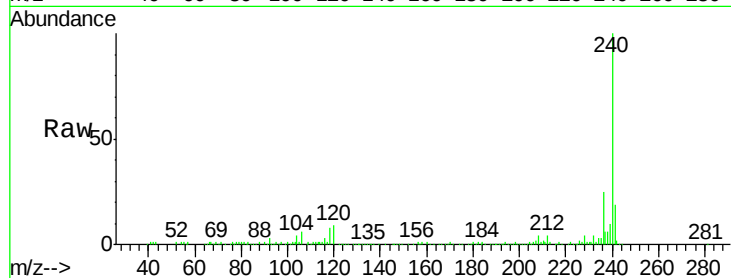
Tgt Ion:240 Resp: 158801

Ion Ratio Lower Upper

240 100

120 9.3 16.2 24.2#

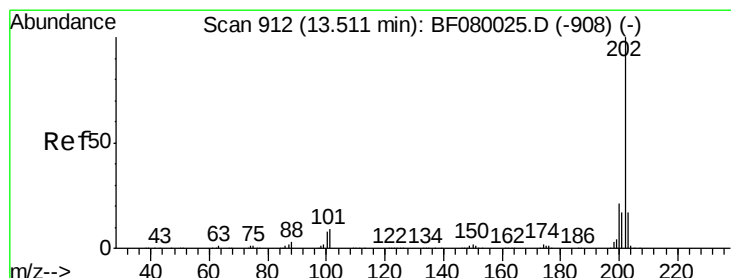
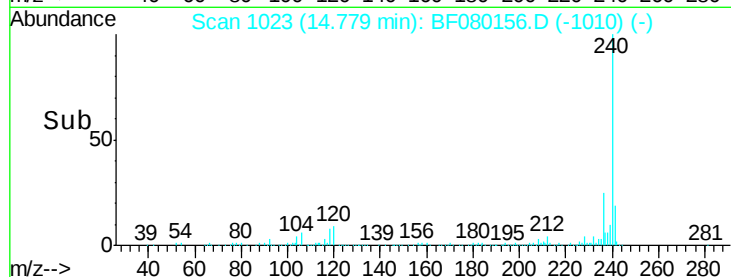
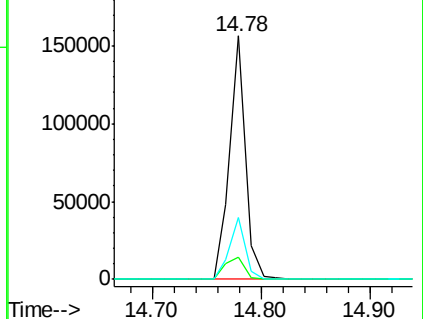
236 25.4 18.4 27.6



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



#77

Pyrene

Concen: 5.41 ng

RT: 13.40 min Scan# 902

Delta R.T. -0.07 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

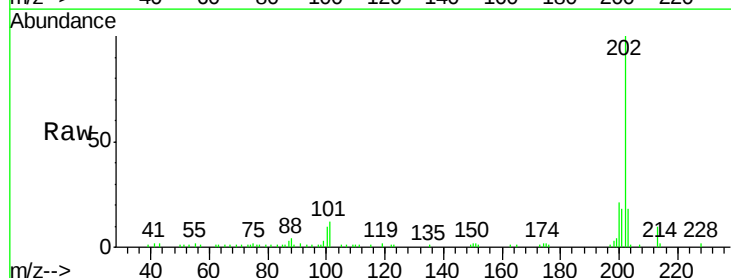
Tgt Ion:202 Resp: 52863

Ion Ratio Lower Upper

202 100

200 21.3 15.0 22.4

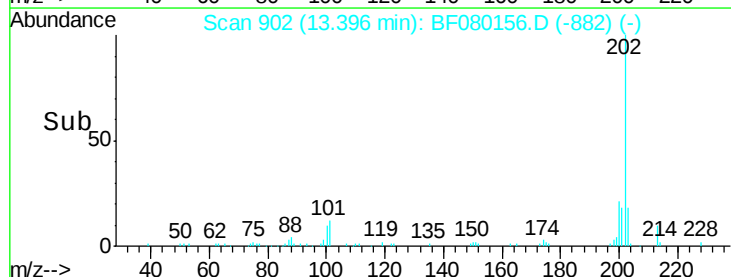
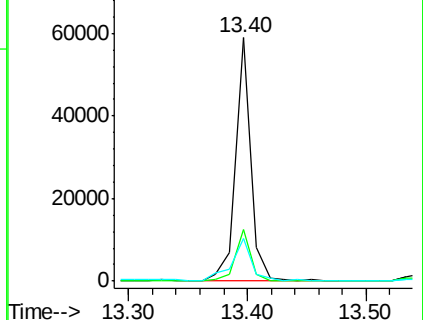
203 17.8 14.1 21.1

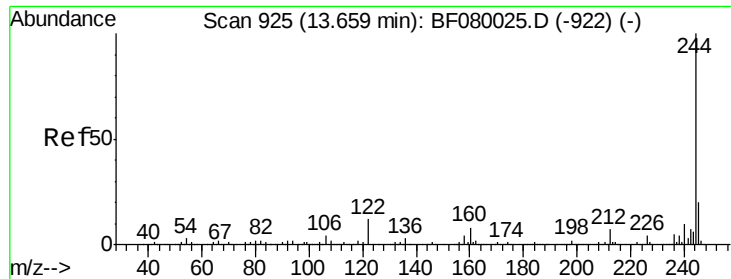


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

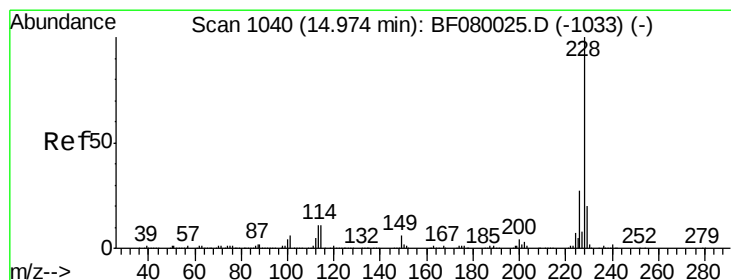
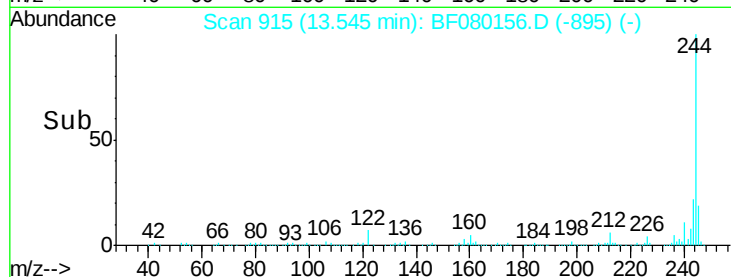
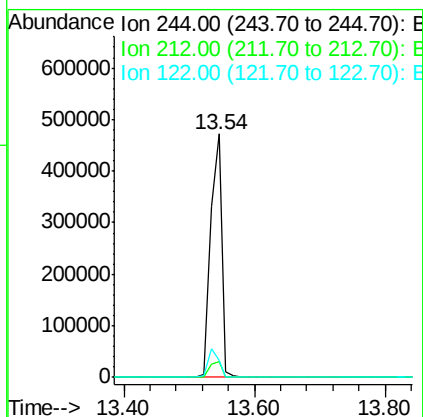
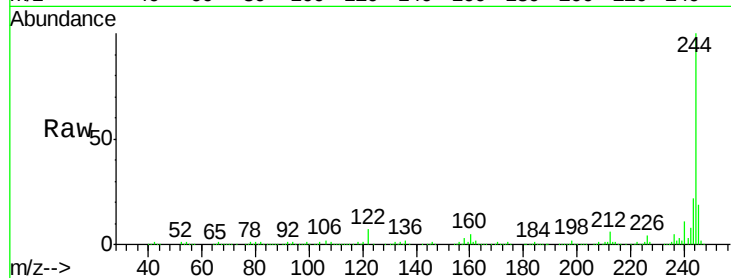




#78
 Terphenyl-d14
 Concen: 83.90 ng
 RT: 13.54 min Scan# 915
 Delta R.T. -0.07 min
 Lab File: BF080156.D
 Acq: 25 Jun 2015 5:02

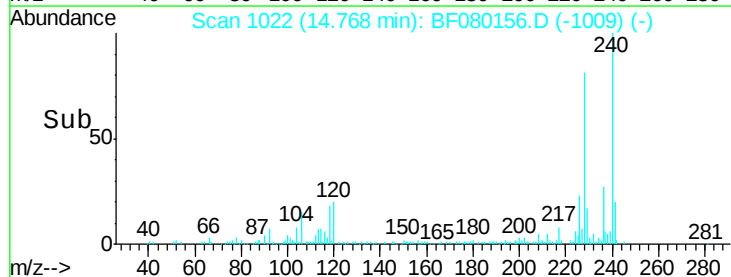
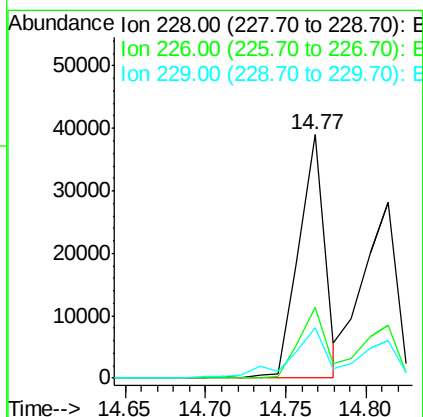
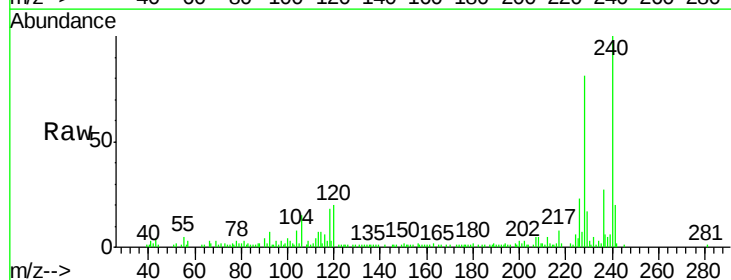
Instrument :
 BNA_F
 ClientSampleId :
 LAR9819

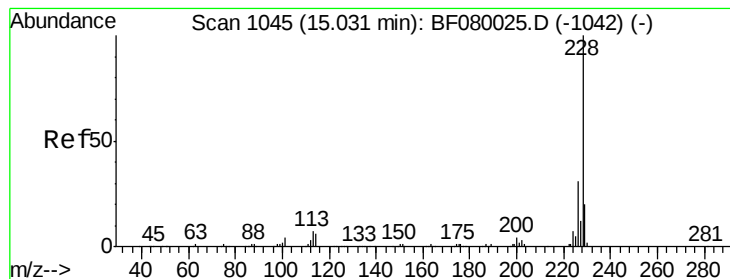
Tgt Ion:244 Resp: 570509
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.3 6.5
 122 6.9 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 4.55 ng m
 RT: 14.77 min Scan# 1022
 Delta R.T. -0.15 min
 Lab File: BF080156.D
 Acq: 25 Jun 2015 5:02

Tgt Ion:228 Resp: 44049
 Ion Ratio Lower Upper
 228 100
 226 29.0 20.0 30.0
 229 20.7 15.4 23.2





#82

Chrysene

Concen: 4.73 ng m

RT: 14.81 min Scan# 1026

Delta R.T. -0.15 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

Instrument :

BNA_F

ClientSampleId :

LAR9819

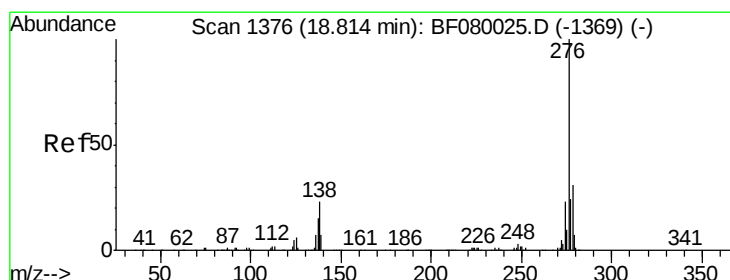
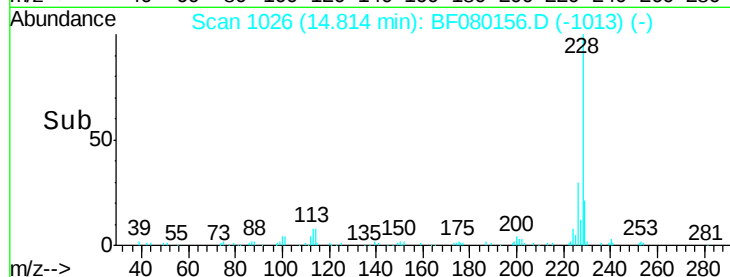
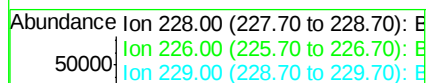
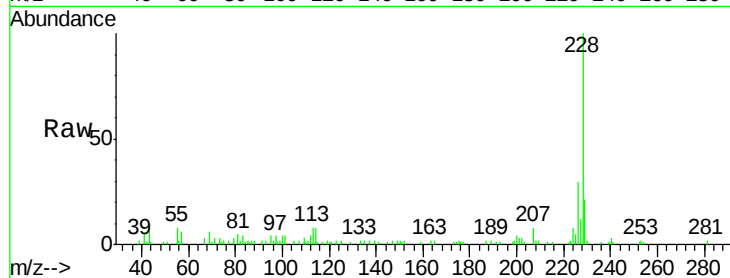
Tgt Ion:228 Resp: 42193

Ion Ratio Lower Upper

228 100

226 29.9 21.0 31.4

229 21.5 15.6 23.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.13 ng

RT: 18.45 min Scan# 1344

Delta R.T. -0.24 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

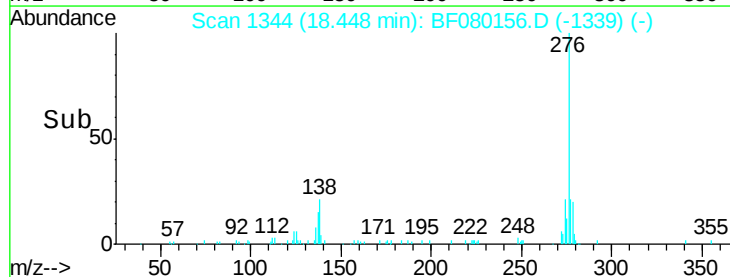
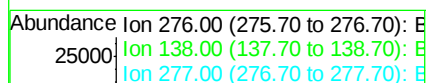
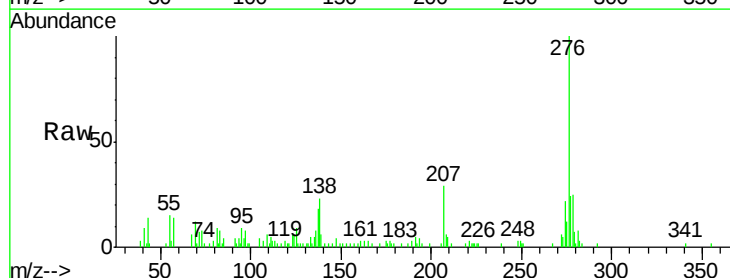
Tgt Ion:276 Resp: 46510

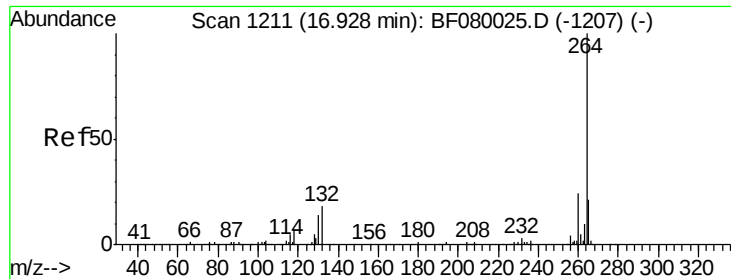
Ion Ratio Lower Upper

276 100

138 22.2 25.7 38.5#

277 27.3 15.6 23.4#

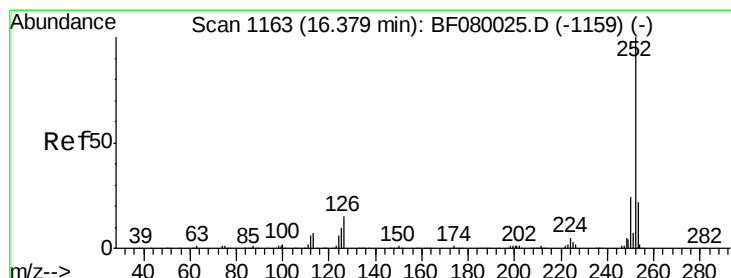
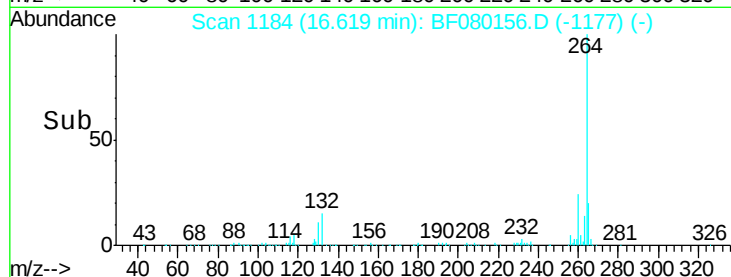
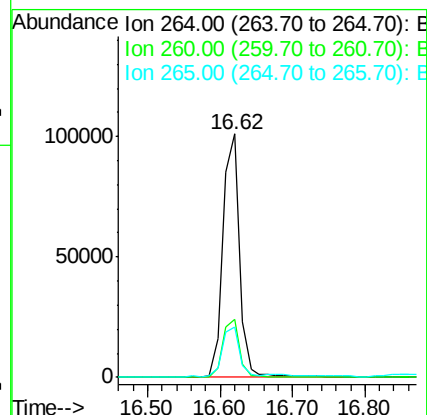
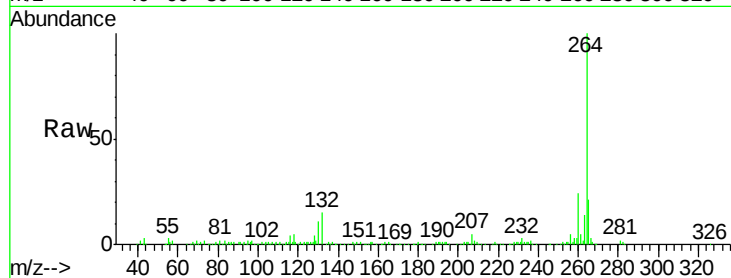




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.62 min Scan# 1184
Delta R.T. -0.22 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

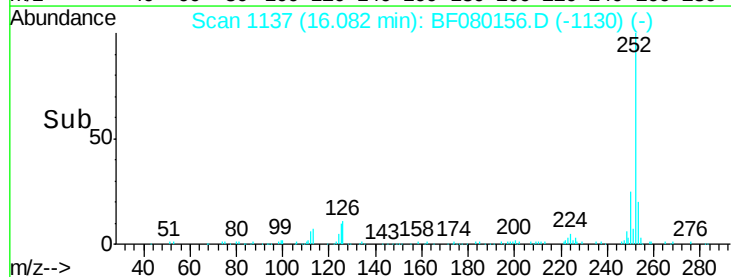
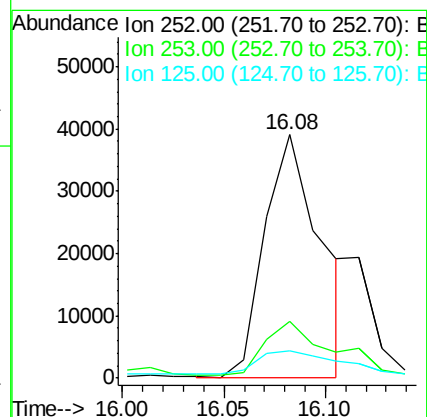
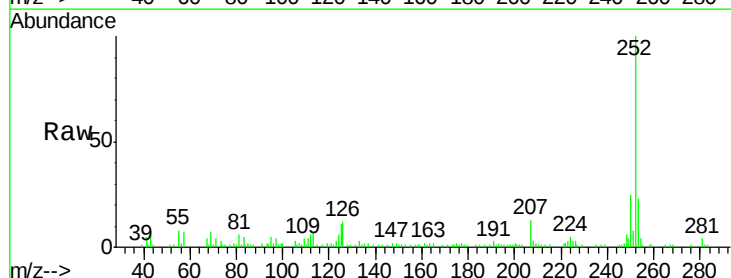
Instrument :
BNA_F
ClientSampleId :
LAR9819

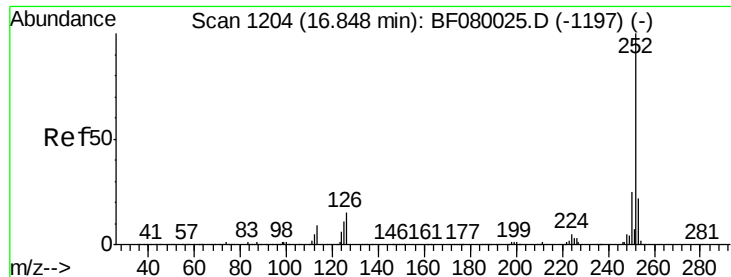
Tgt Ion: 264 Resp: 162166
Ion Ratio Lower Upper
264 100
260 23.9 16.7 25.1
265 20.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 7.73 ng m
RT: 16.08 min Scan# 1137
Delta R.T. -0.22 min
Lab File: BF080156.D
Acq: 25 Jun 2015 5:02

Tgt Ion: 252 Resp: 75862
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 11.2 17.1 25.7#





#89

Benzo(a)pyrene

Concen: 5.75 ng m

RT: 16.54 min Scan# 1177

Delta R.T. -0.22 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

Instrument :

BNA_F

ClientSampleId :

LAR9819

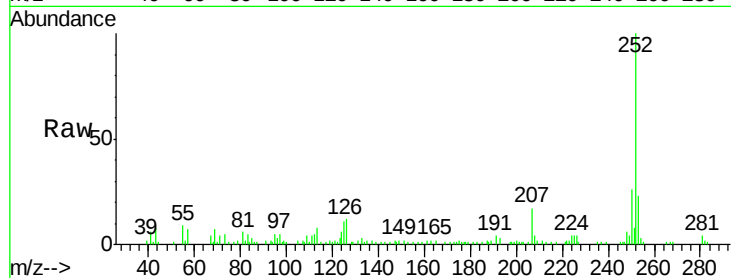
Tgt Ion:252 Resp: 53659

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

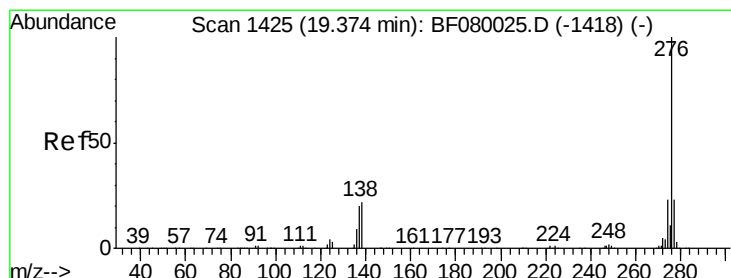
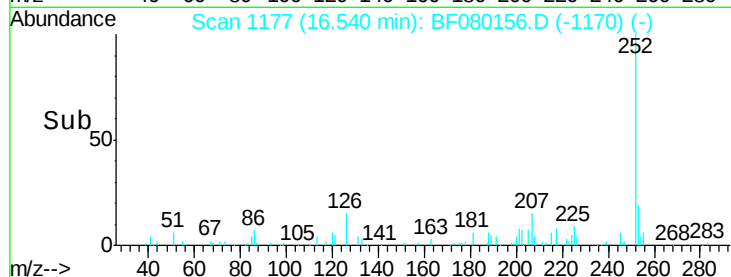
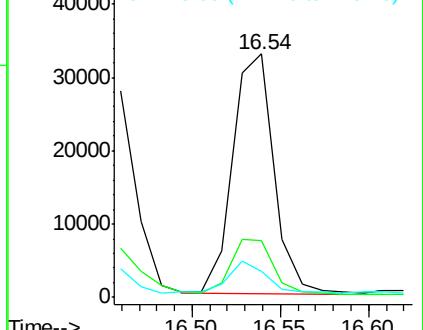
125 10.8 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 5.10 ng

RT: 19.00 min Scan# 1392

Delta R.T. -0.25 min

Lab File: BF080156.D

Acq: 25 Jun 2015 5:02

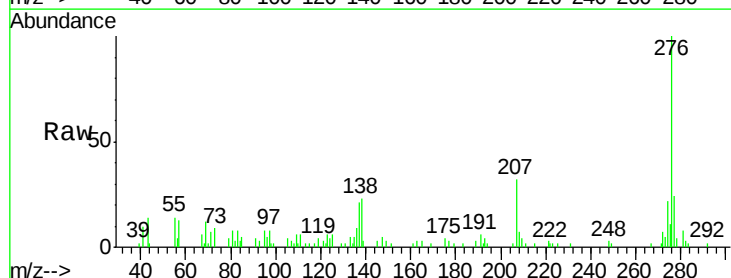
Tgt Ion:276 Resp: 49176

Ion Ratio Lower Upper

276 100

277 24.2 17.8 26.6

138 23.3 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

