

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062416\
 Data File : BF088335.D
 Acq On : 24 Jun 2016 16:56
 Operator : UM/SJ
 Sample : H3598-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 24 17:56:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	87471	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	352319	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	158064	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	295287	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	185669	20.00	ng	-0.02
86) Perylene-d12	15.09	264	181791	20.00	ng	-0.02

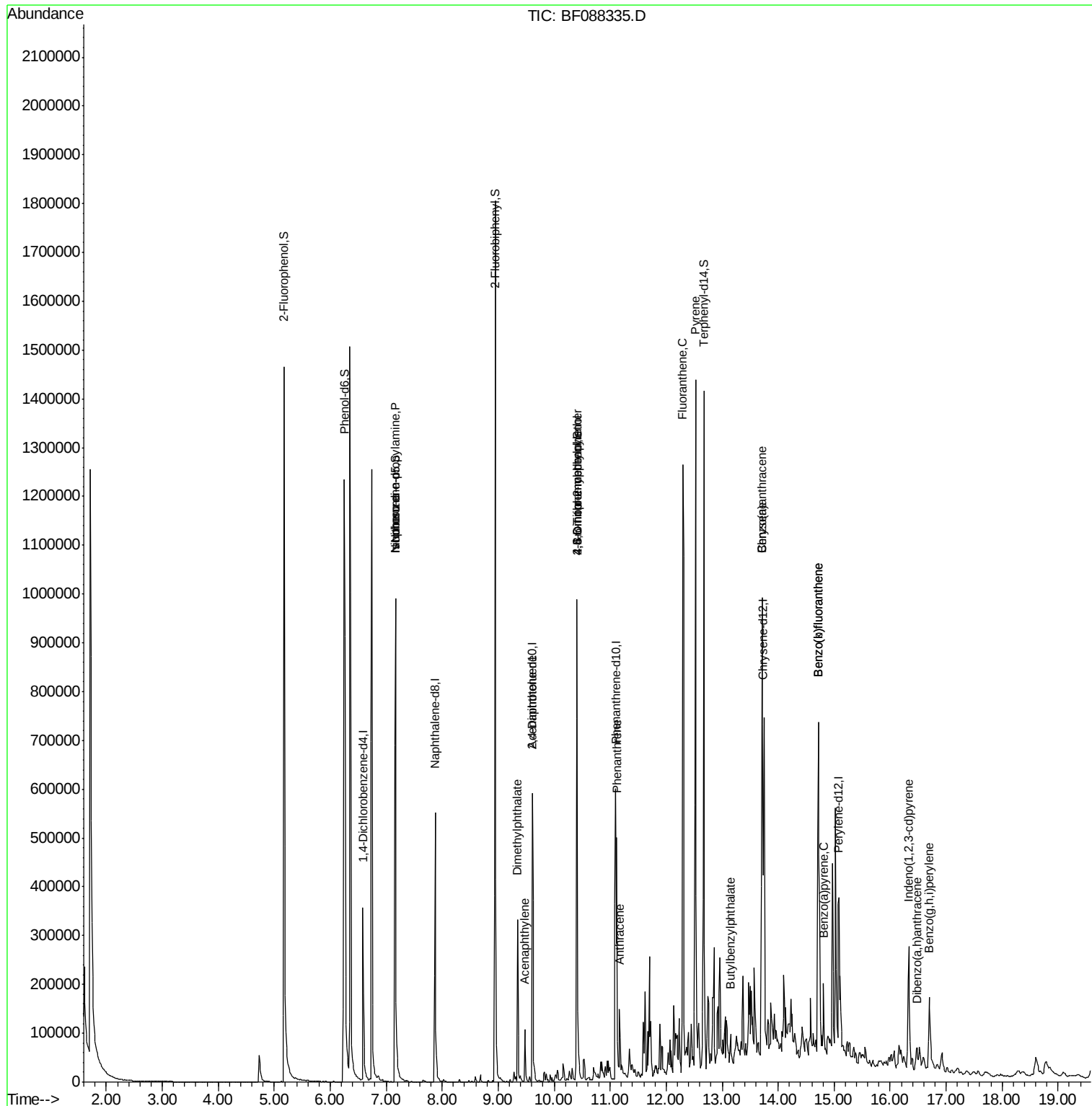
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	598274	116.93	ng	0.00
7) Phenol-d6	6.25	99	804894	129.80	ng	-0.01
23) Nitrobenzene-d5	7.16	82	521667	86.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	179752	107.70	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	669512	65.25	ng	-0.02
78) Terphenyl-d14	12.67	244	430573	52.77	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.27	94	12936	Below Cal	#	41
19) n-Nitroso-di-n-propylamine	7.16	70	65817	16.59	ng	# 68
25) Isophorone	7.16	82	523677	46.86	ng	# 65
45) 1,1'-Biphenyl	9.05	154	1173	Below Cal		78
48) Acenaphthylene	9.47	152	73623	4.53	ng	99
49) Dimethylphthalate	9.35	163	156222	13.64	ng	99
56) 2,4-Dinitrotoluene	9.61	165	20213	6.00	ng	# 38
57) Fluorene	10.16	166	17499	Below Cal		95
64) 4,6-Dinitro-2-methylphenol	10.41	198	224	2.28	ng	# 1
66) 4-Bromophenyl-phenylether	10.41	248	11418	3.60	ng	# 1
70) Phenanthrene	11.12	178	232065	14.98	ng	97
71) Anthracene	11.16	178	80822	5.17	ng	98
74) Fluoranthene	12.30	202	743714	45.48	ng	97
77) Pyrene	12.53	202	620255	45.02	ng	100
79) Butylbenzylphthalate	13.15	149	12191	2.00	ng	96
80) Benzo(a)anthracene	13.71	228	377621	35.69	ng	95
82) Chrysene	13.71	228	377621	37.94	ng	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	147292	15.93	ng	# 100
87) Benzo(b)fluoranthene	14.72	252	483493	38.16	ng	# 95
88) Benzo(k)fluoranthene	14.72	252	483493	50.58	ng	99
89) Benzo(a)pyrene	14.81	252	65464	6.39	ng	94
90) Dibenzo(a,h)anthracene	16.48	278	27564	2.90	ng	95
91) Benzo(g,h,i)perylene	16.70	276	120036	12.26	ng	97

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

```
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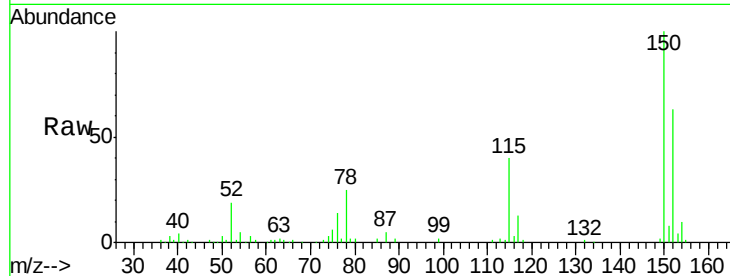


#1

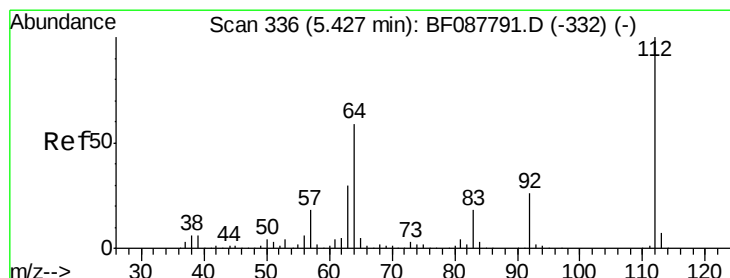
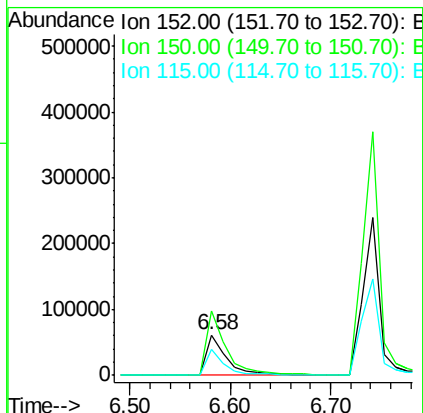
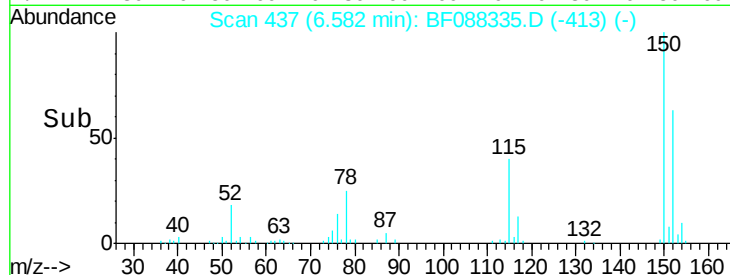
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 87471
Ion Ratio Lower Upper
152 100
150 157.6 123.8 185.6
115 63.0 39.6 59.4#



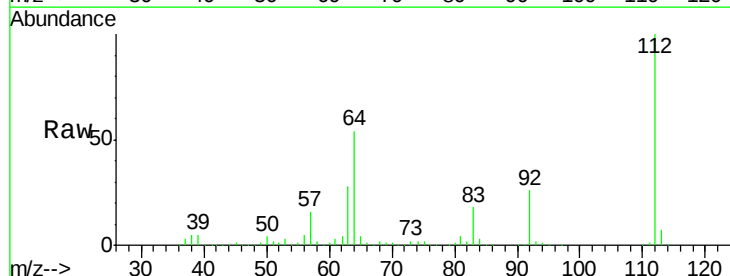
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



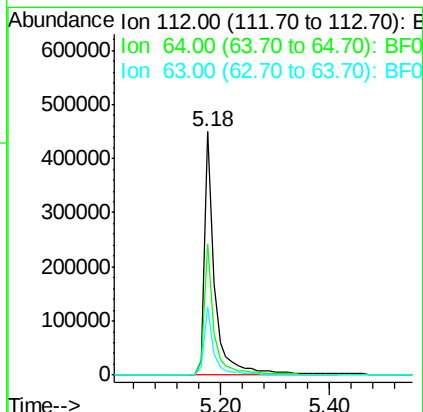
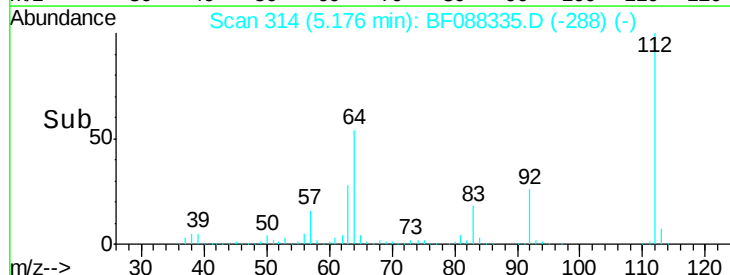
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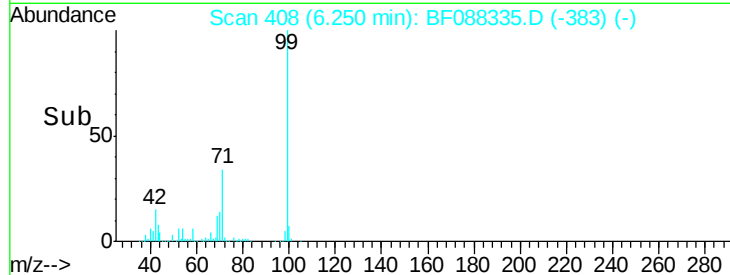
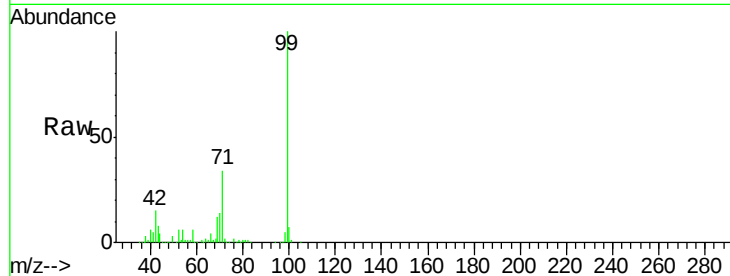
2-Fluorophenol
Concen: 116.93 ng
RT: 5.18 min Scan# 314
Delta R.T. 0.00 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

Tgt Ion:112 Resp: 598274
Ion Ratio Lower Upper
112 100
64 54.1 42.2 63.2
63 28.1 21.8 32.8



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

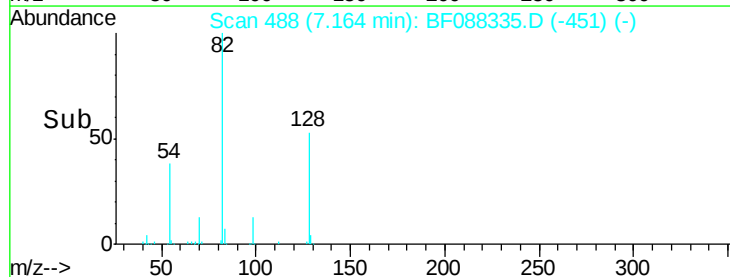
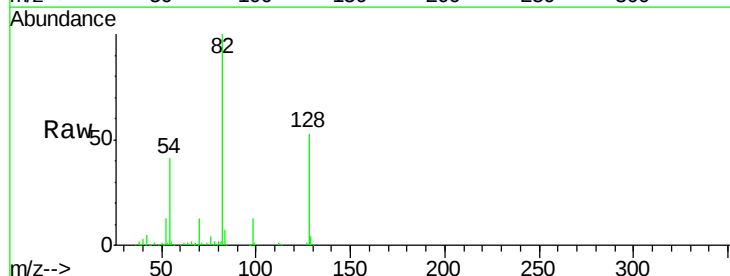
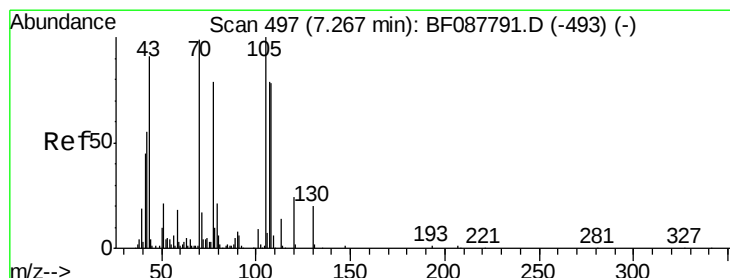
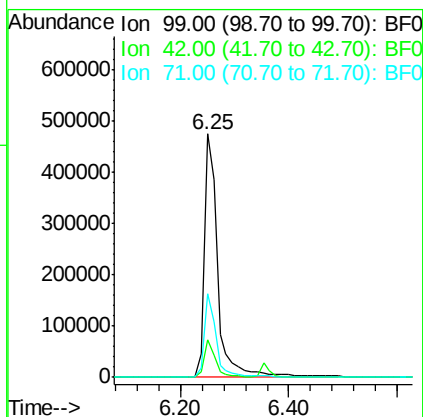




#7
Phenol-d6
Concen: 129.80 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

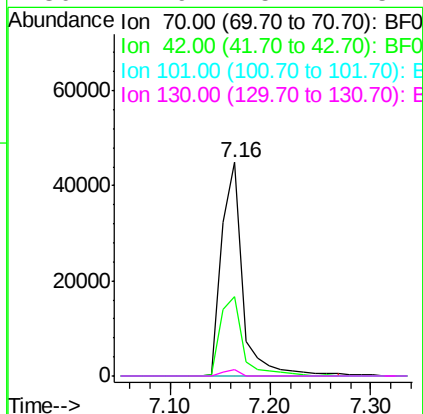
Instrument :
BNA_F
ClientSampleId :

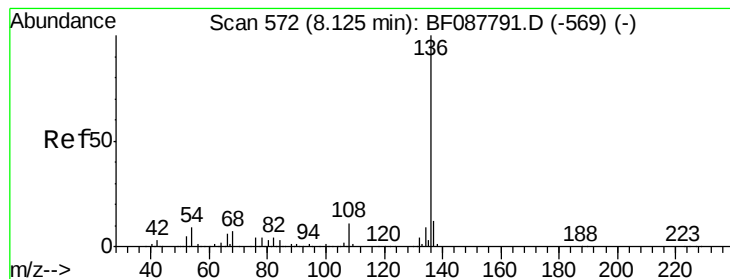
Tot Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	34.1	23.4	35.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.59 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

Tgt Ion	Ratio	Lower	Upper
70	100		
42	37.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.9	15.4	23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 352319

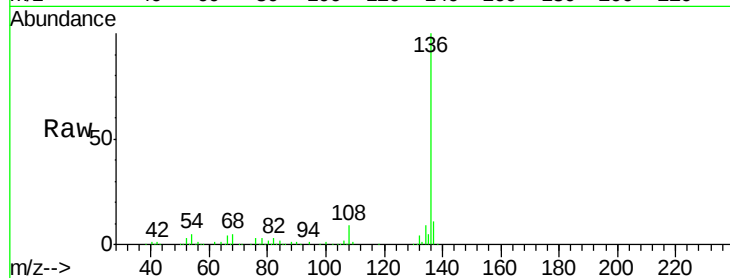
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.4 6.6 10.0#

68 4.7 5.1 7.7#

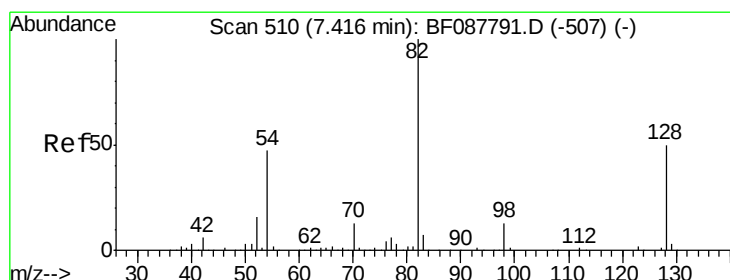
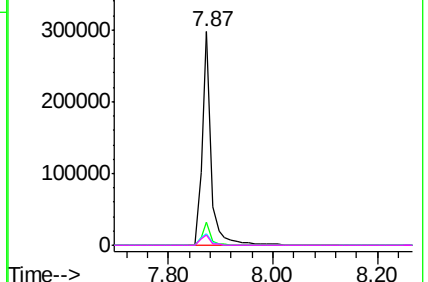
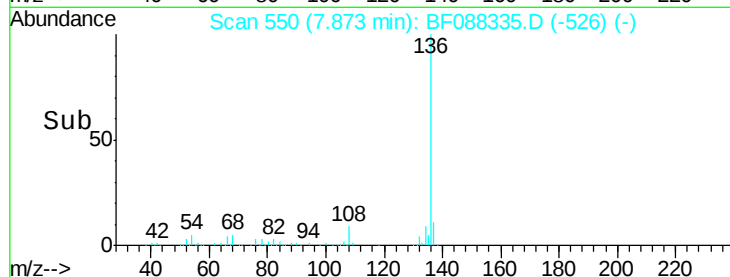


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.46 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

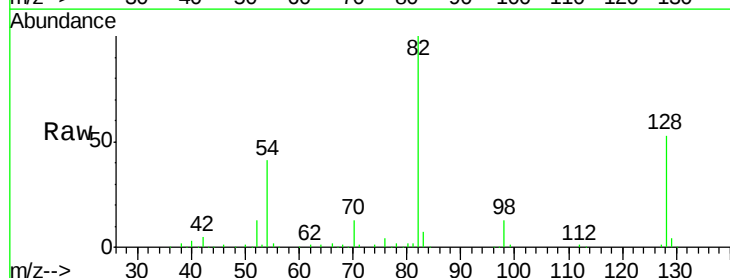
Tgt Ion: 82 Resp: 521667

Ion Ratio Lower Upper

82 100

128 53.4 35.9 53.9

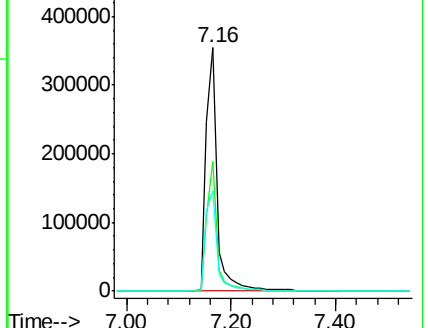
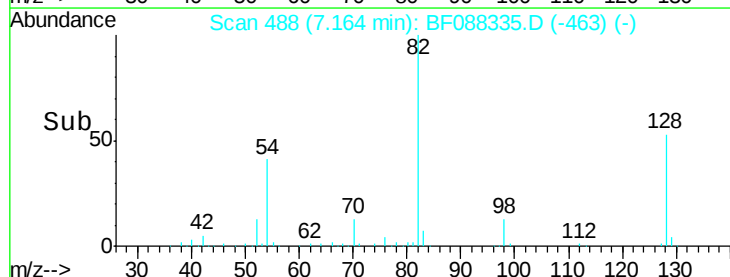
54 41.0 40.9 61.3

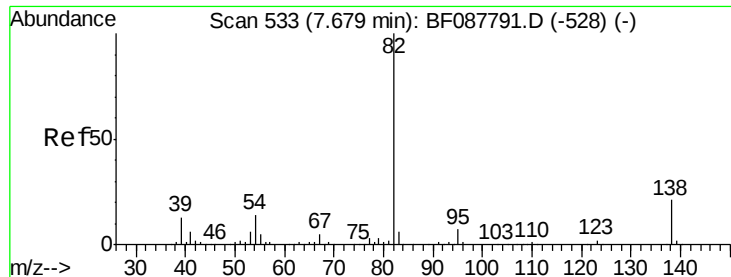


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.86 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

Instrument :

BNA_F

ClientSampled :

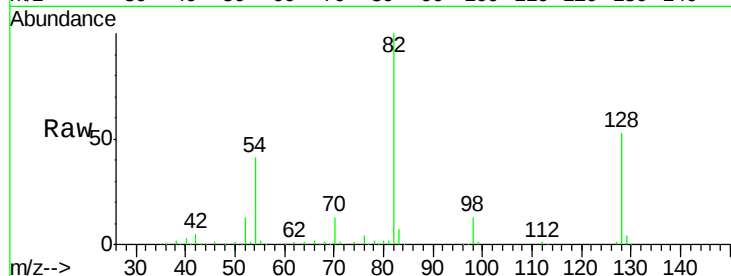
Tot Ion: 82 Resp: 523677

Ion Ratio Lower Upper

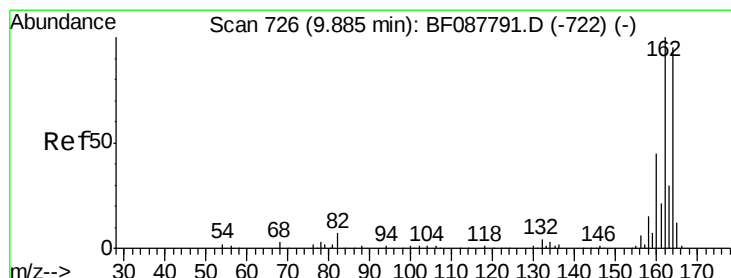
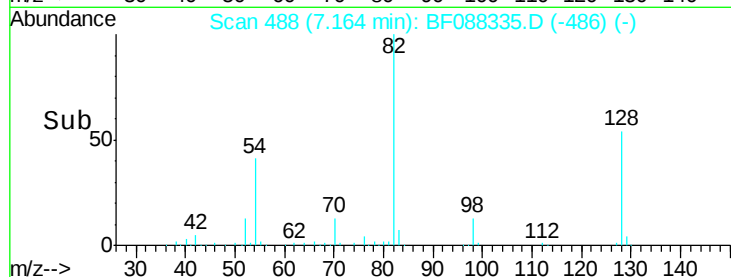
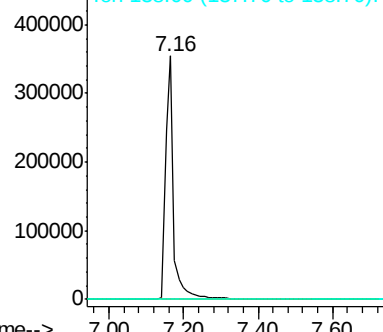
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

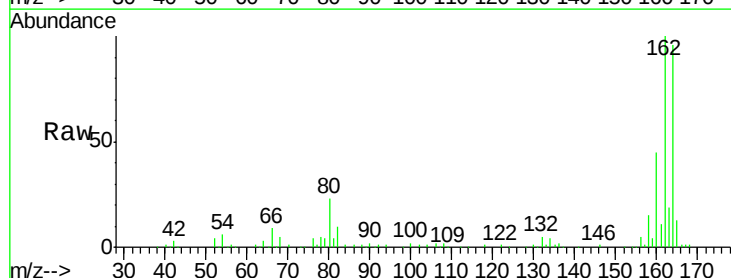
Tgt Ion: 164 Resp: 158064

Ion Ratio Lower Upper

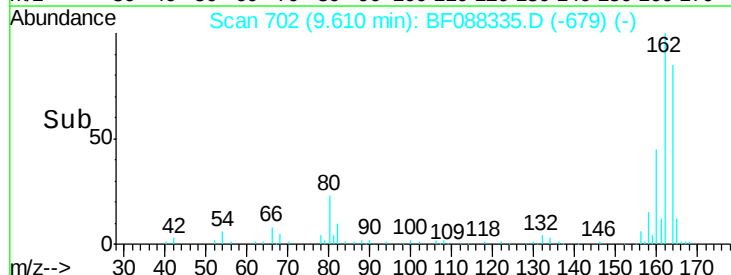
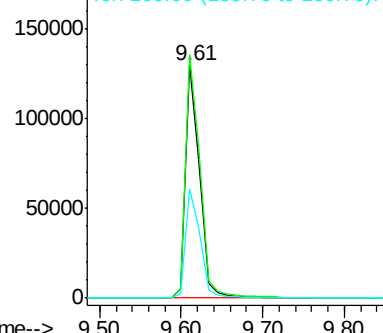
164 100

162 104.6 85.4 128.2

160 46.9 39.5 59.3



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

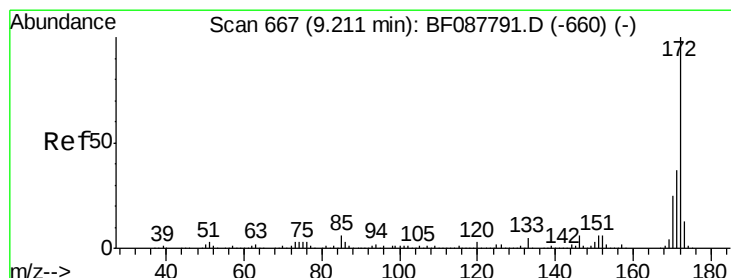
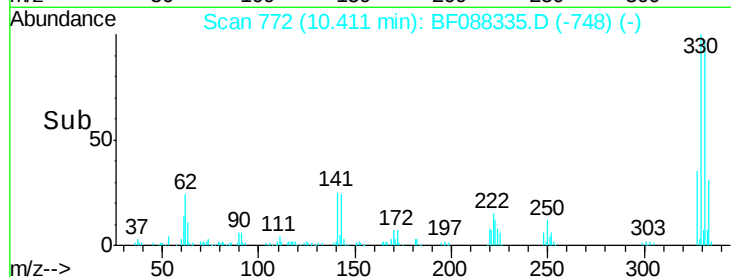
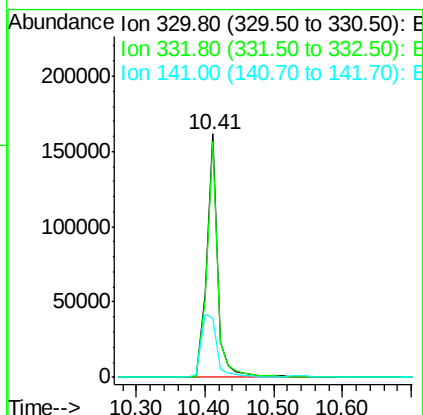
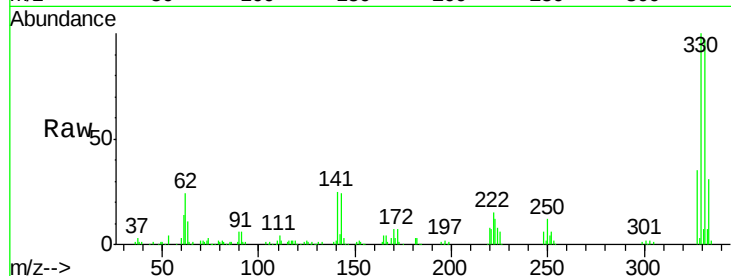




#41
 2,4,6-Tribromophenol
 Concen: 107.70 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088335.D
 Acq: 24 Jun 2016 16:56

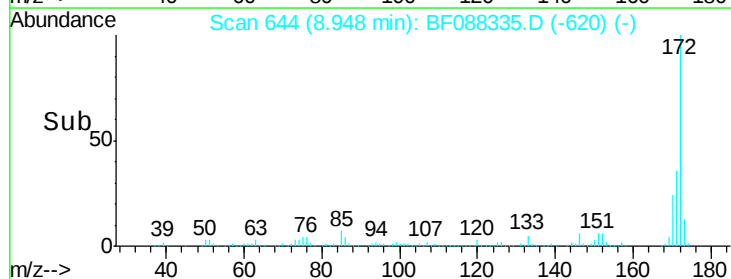
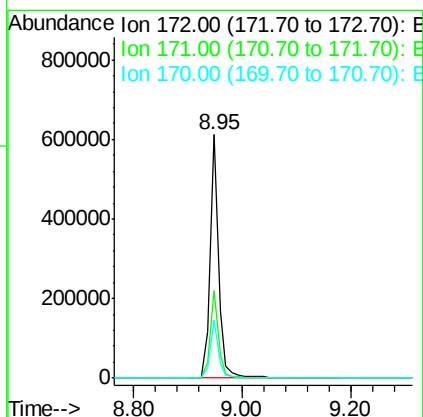
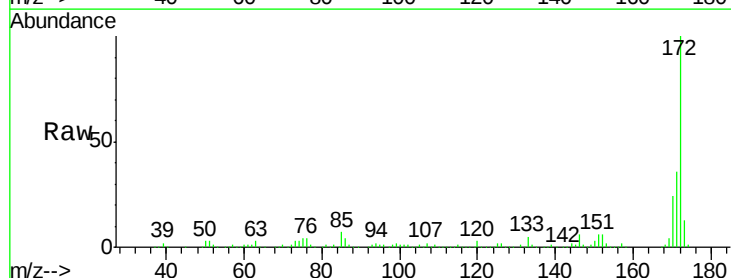
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	37.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 65.25 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088335.D
 Acq: 24 Jun 2016 16:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.9	19.2	28.8

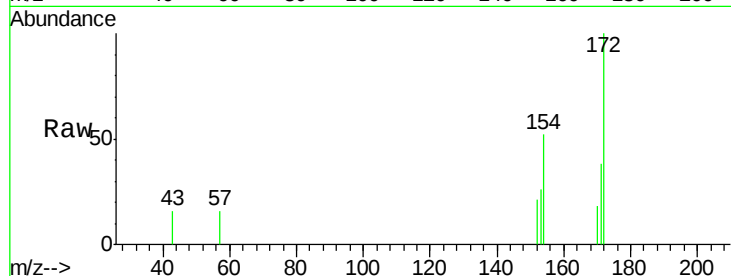




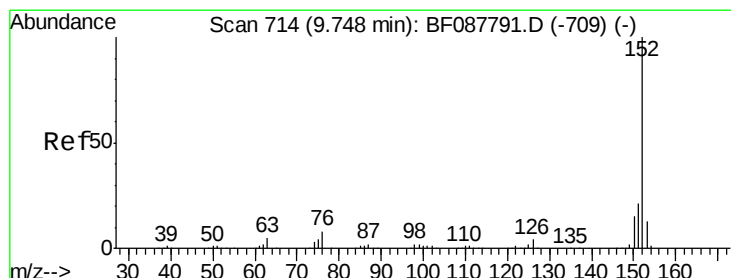
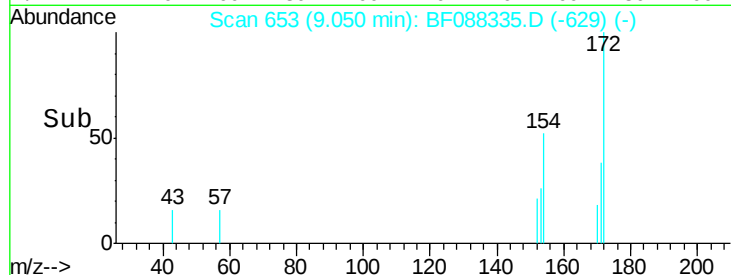
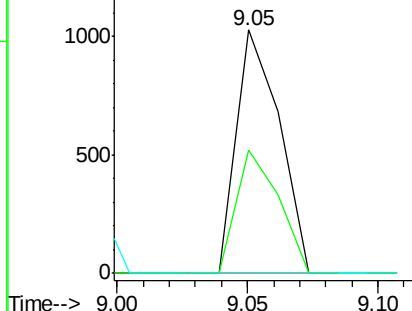
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088335.D
 Acq: 24 Jun 2016 16:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1173
 Ion Ratio Lower Upper
 154 100
 153 50.8 20.6 60.6
 76 0.0 0.0 35.1

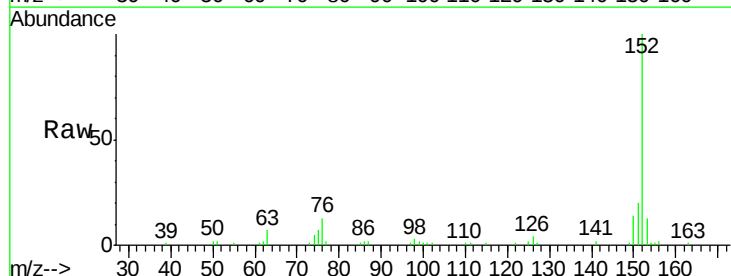


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

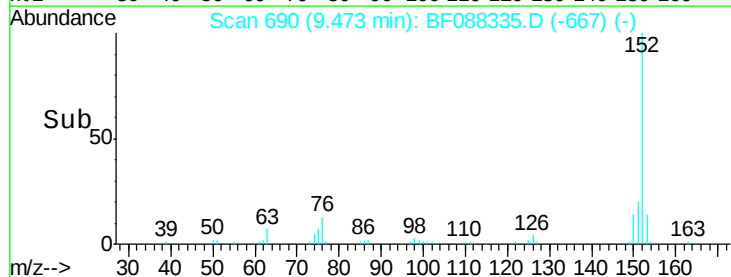
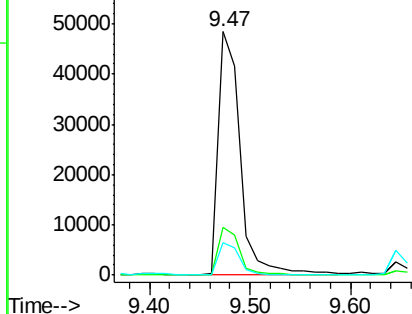


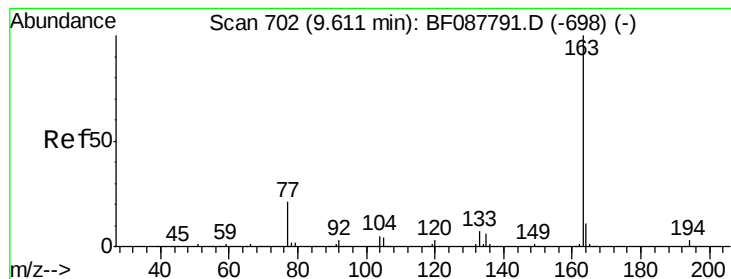
#48
 Acenaphthylene
 Concen: 4.53 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF088335.D
 Acq: 24 Jun 2016 16:56

Tgt Ion:152 Resp: 73623
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.2 24.4
 153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 13.64 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

Instrument :

BNA_F

ClientSampleId :

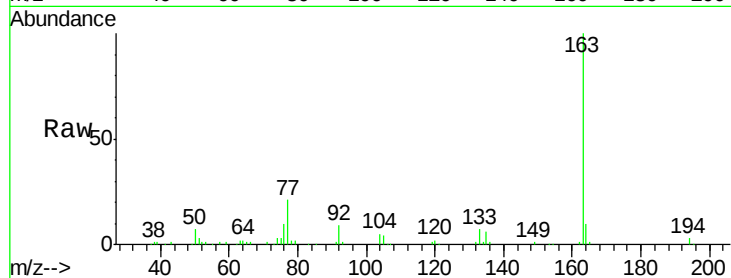
Tot Ion:163 Resp: 156222

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

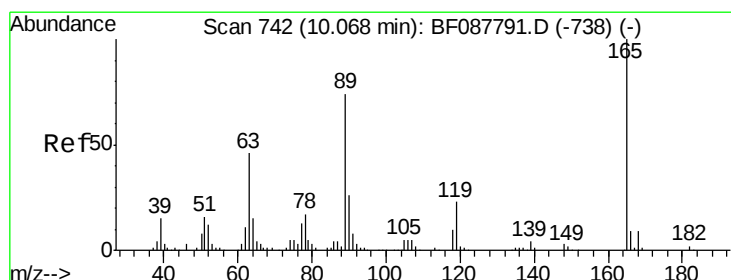
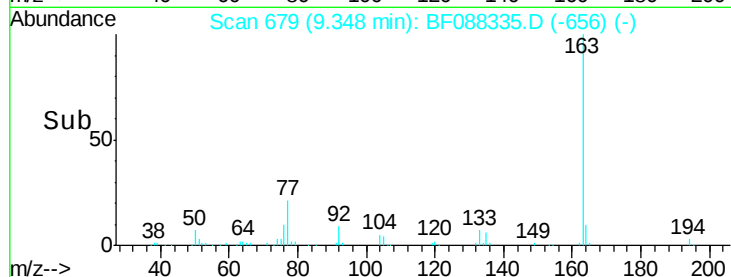
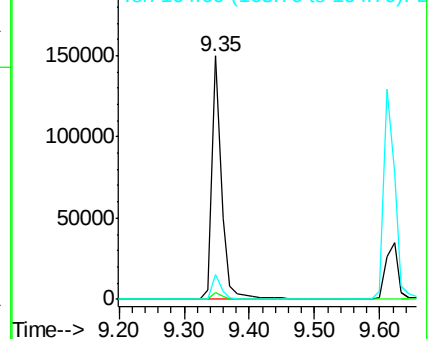
164 10.3 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.24 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

Tgt Ion:165 Resp: 20213

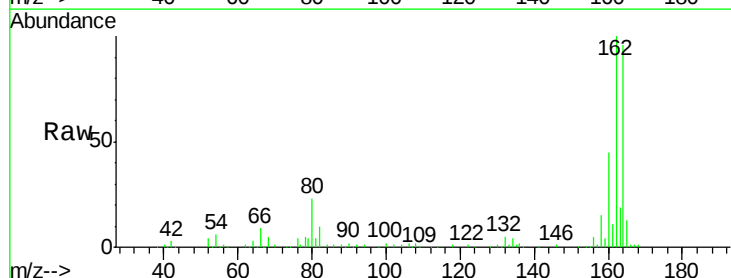
Ion Ratio Lower Upper

165 100

63 1.8 22.0 33.0#

89 2.0 41.1 61.7#

182 0.0 2.0 3.0#

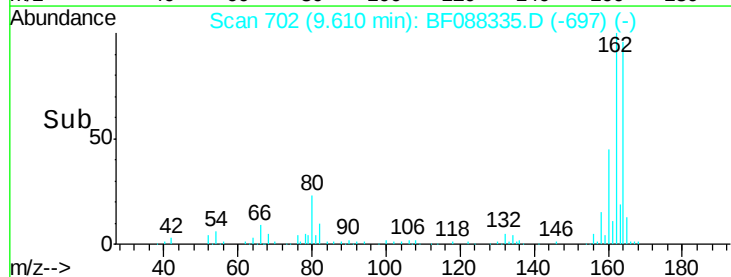
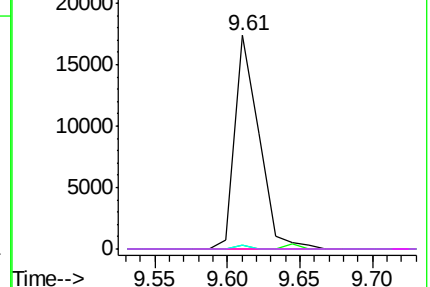


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

Instrument :

BNA_F

ClientSampleId :

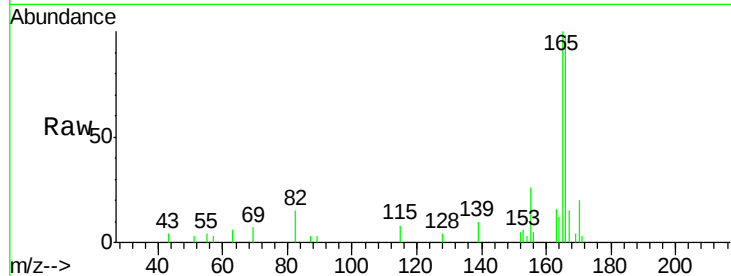
Tot Ion:166 Resp: 17499

Ion Ratio Lower Upper

166 100

165 102.1 77.8 116.8

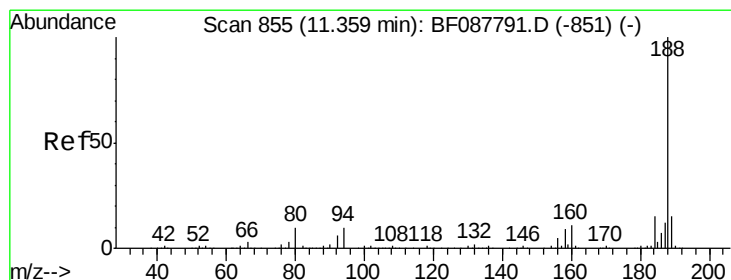
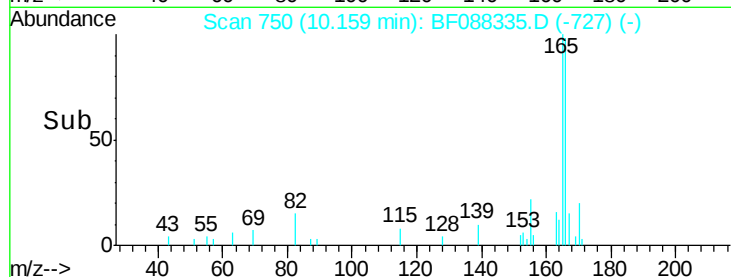
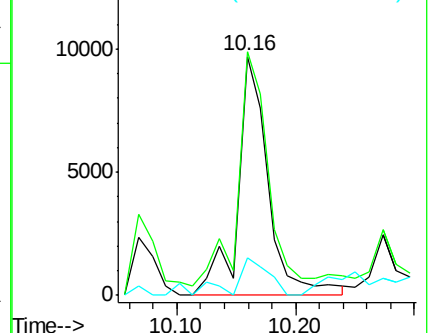
167 15.7 11.2 16.8



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: 11.10 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

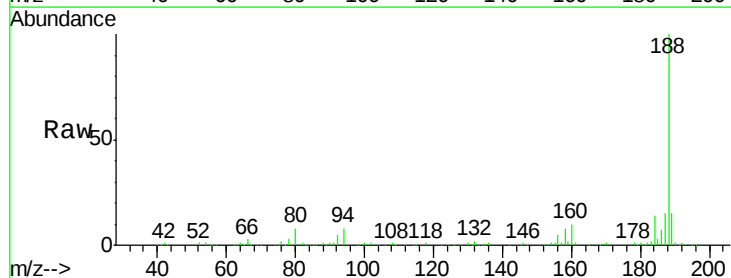
Tgt Ion:188 Resp: 295287

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.6#

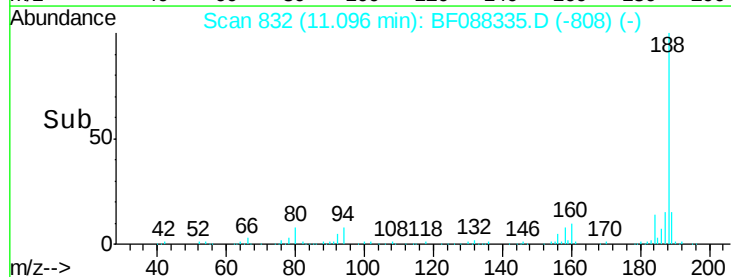
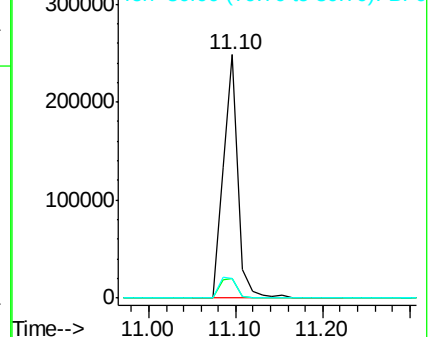
80 7.9 10.0 15.0#

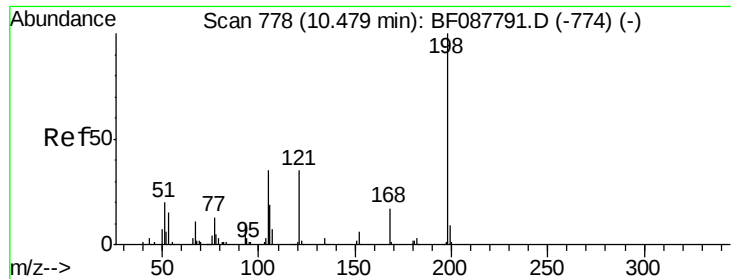


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.28 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.15 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

Instrument :

BNA_F

ClientSampleId :

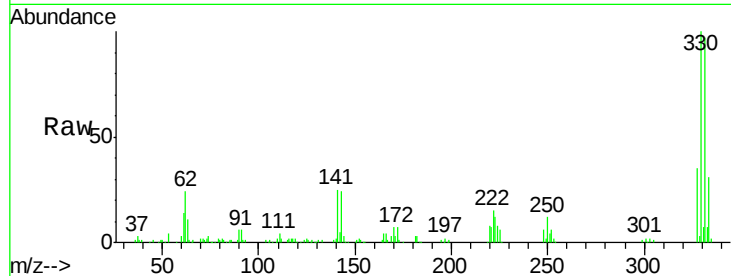
Tot Ion:198 Resp: 224

Ion Ratio Lower Upper

198 100

51 126.3 39.6 79.6#

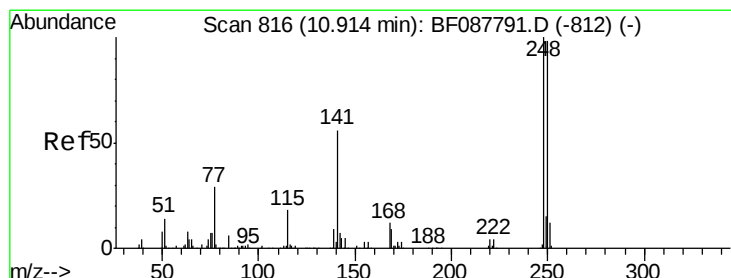
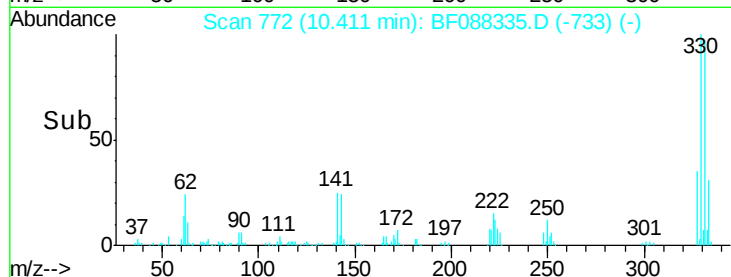
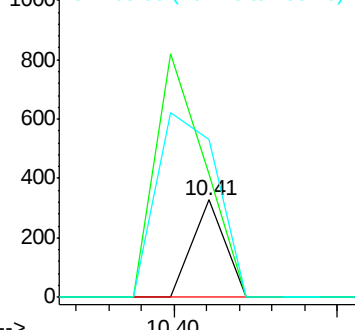
105 162.1 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.60 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.26 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

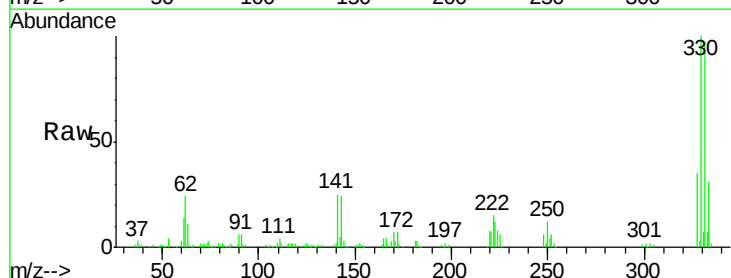
Tgt Ion:248 Resp: 11418

Ion Ratio Lower Upper

248 100

250 202.9 77.1 115.7#

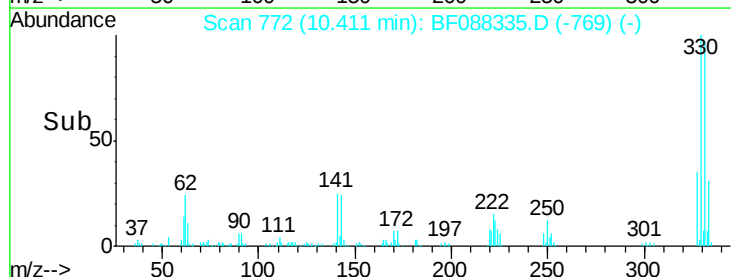
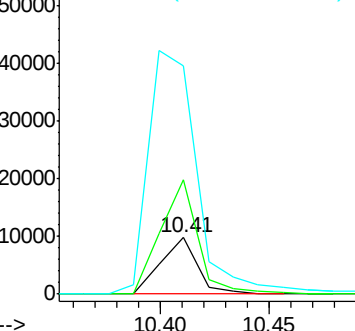
141 404.9 50.6 76.0#

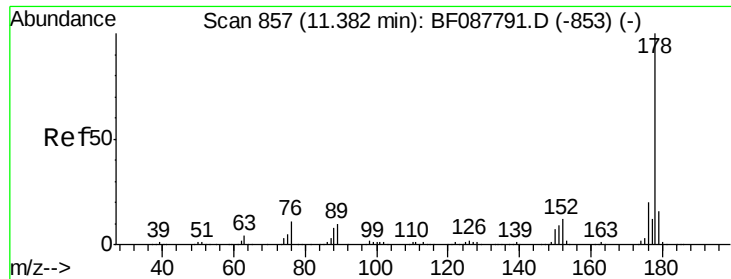


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

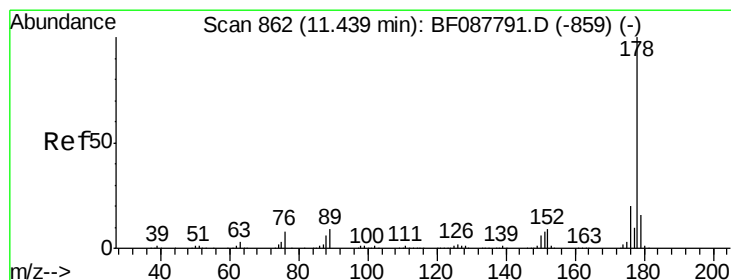
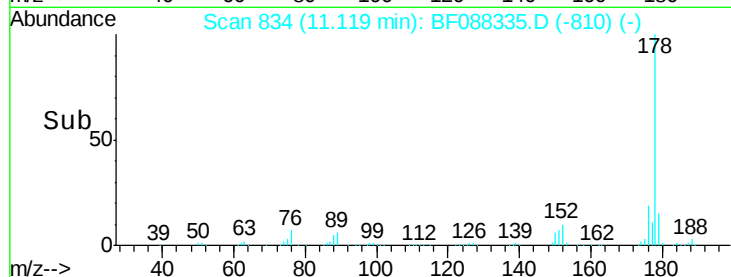
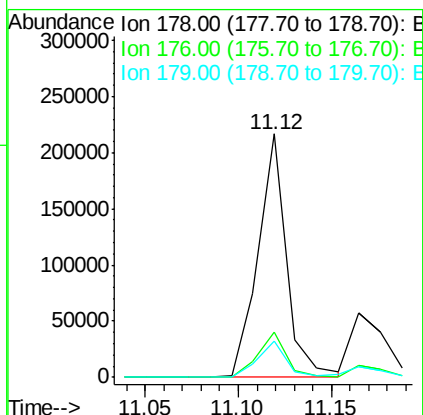
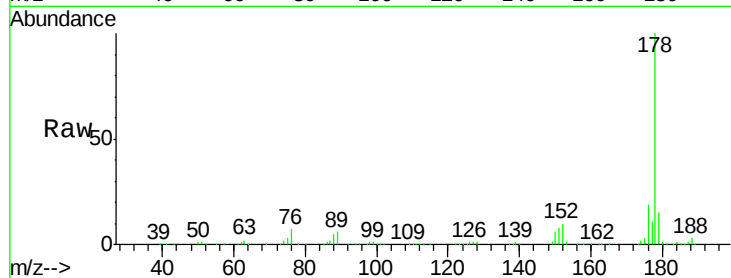




#70
Phenanthrene
Concen: 14.98 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

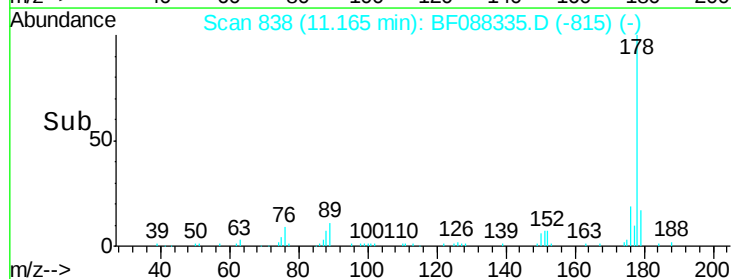
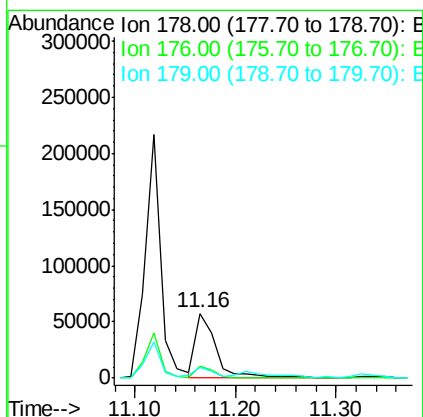
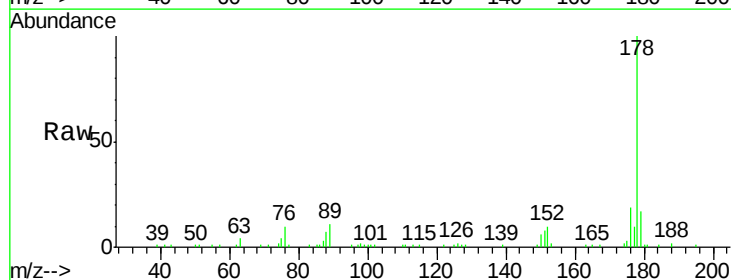
Instrument :
BNA_F
ClientSampleId :

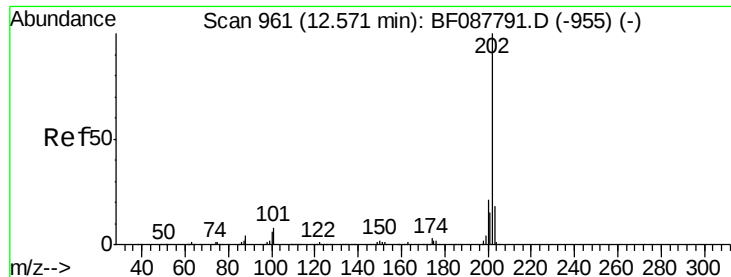
Tot Ion:178 Resp: 232065
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.6
179 15.0 13.0 19.4



#71
Anthracene
Concen: 5.17 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.03 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

Tgt Ion:178 Resp: 80822
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 17.0 12.8 19.2





#74

Fluoranthene

Concen: 45.48 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

Instrument :

BNA_F

ClientSampleId :

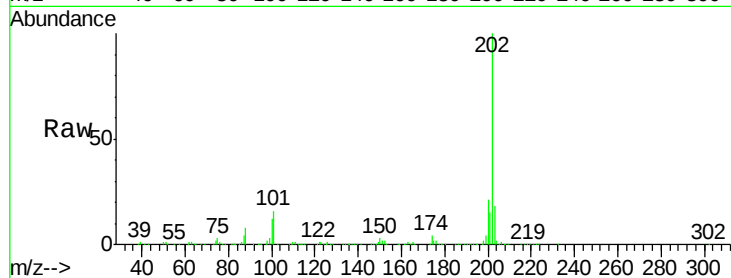
Tot Ion:202 Resp: 743714

Ion Ratio Lower Upper

202 100

101 15.5 0.0 33.1

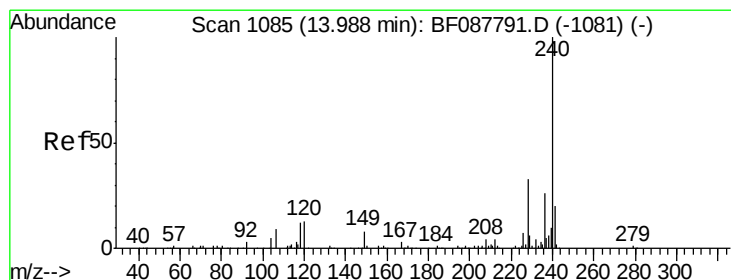
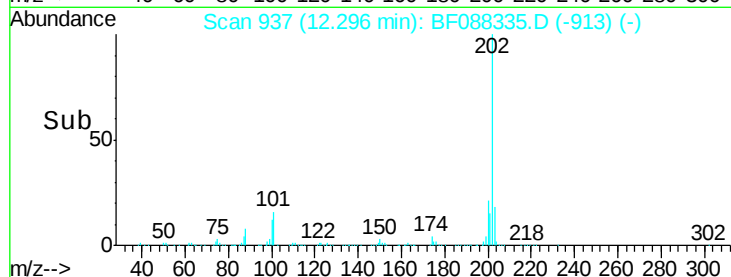
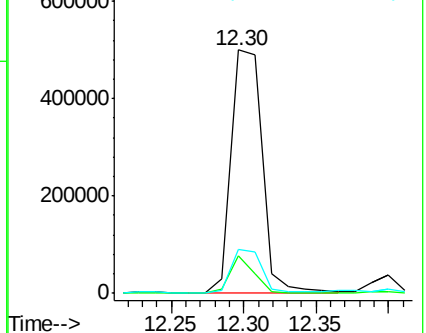
203 18.0 0.0 38.1



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: 13.73 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

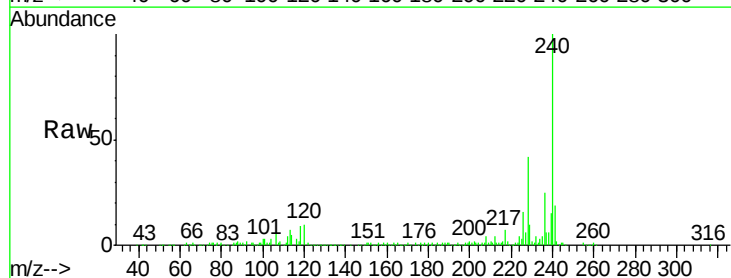
Tgt Ion:240 Resp: 185669

Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

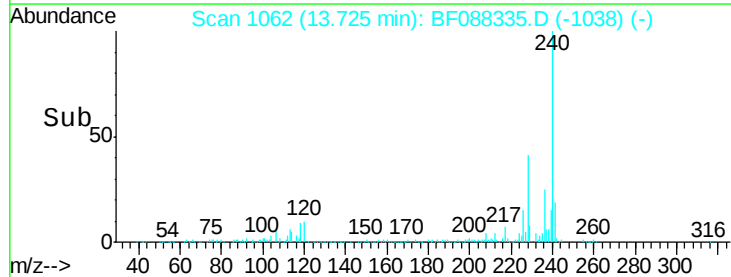
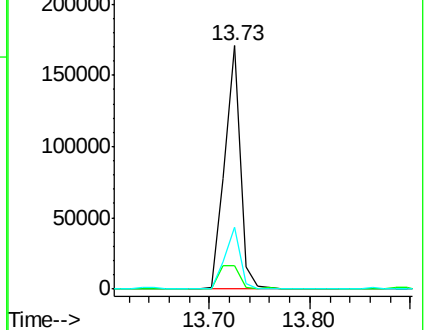
236 25.2 20.2 30.2

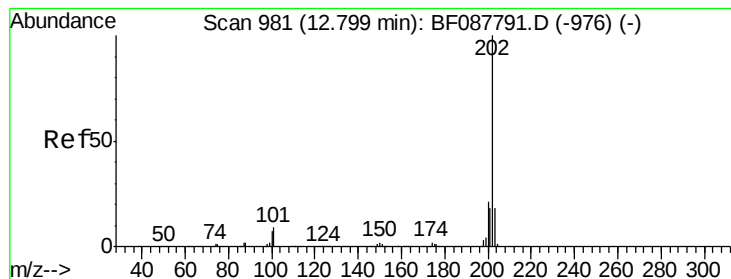


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 45.02 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

Instrument :

BNA_F

ClientSampleId :

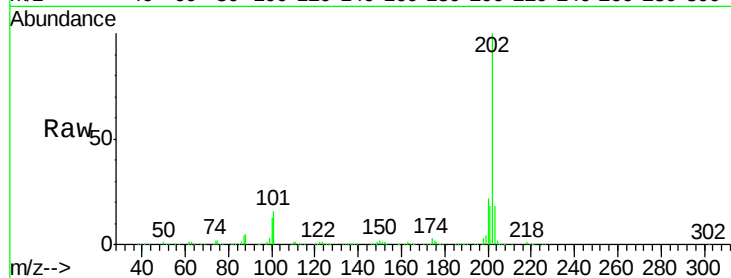
Tot Ion:202 Resp: 620255

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

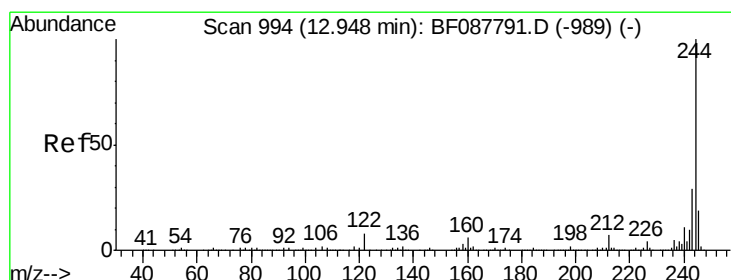
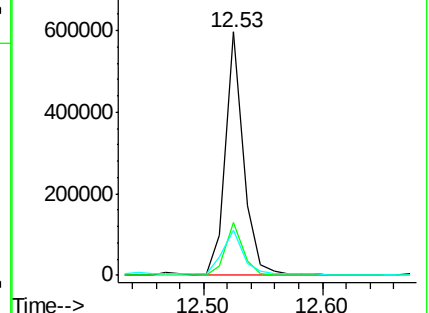
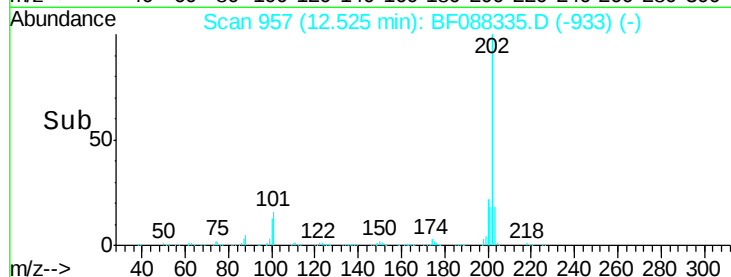
203 18.4 14.5 21.7



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: 52.77 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

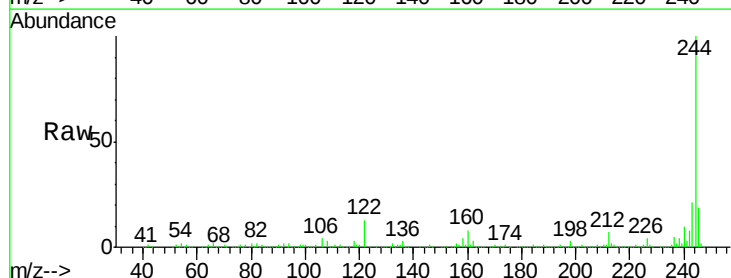
Tgt Ion:244 Resp: 430573

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

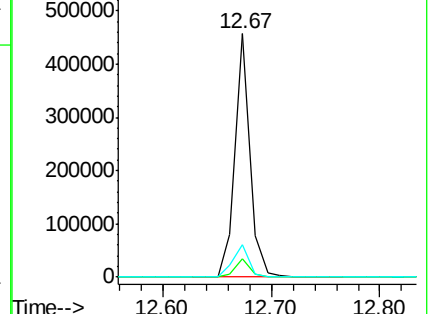
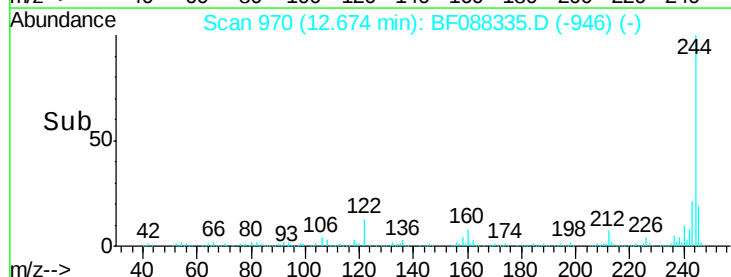
122 13.2 11.2 16.8

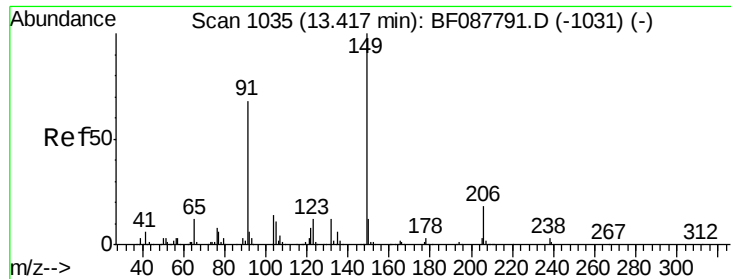


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

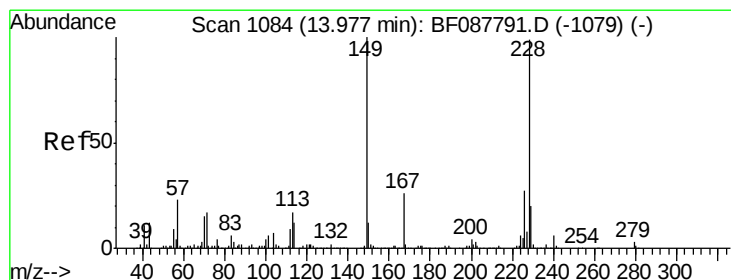
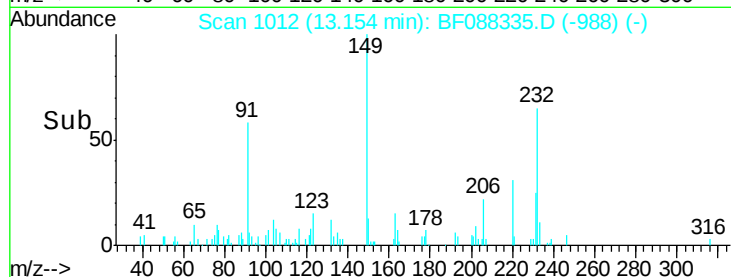
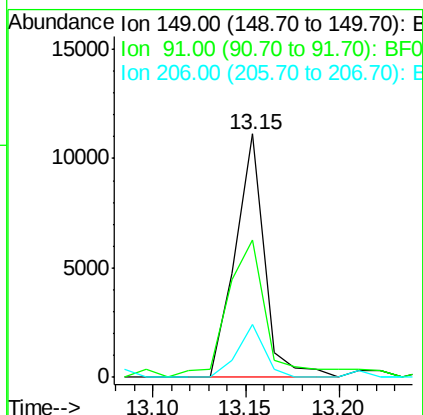
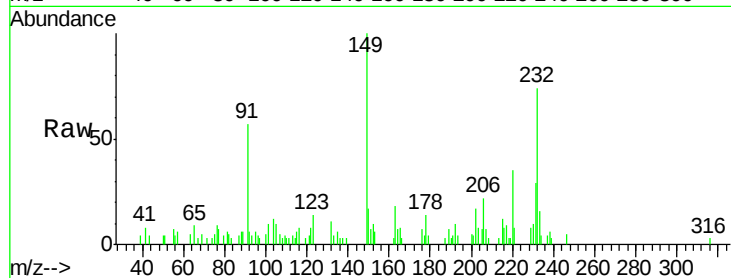




#79
Butylbenzylphthalate
Concen: 2.00 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

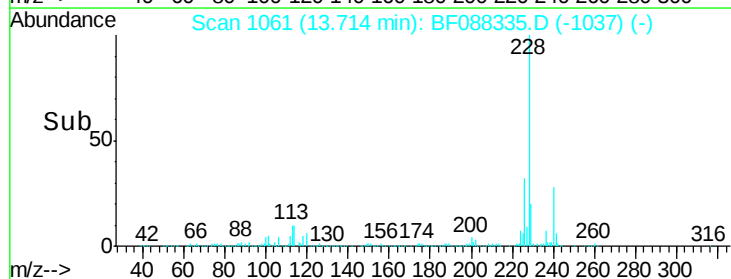
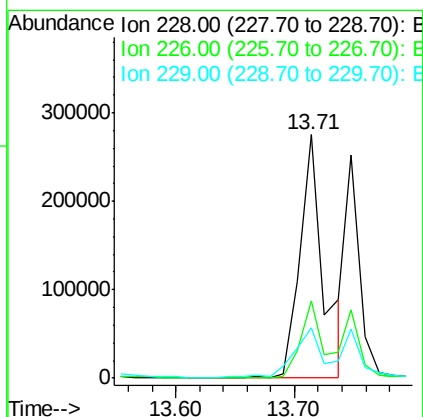
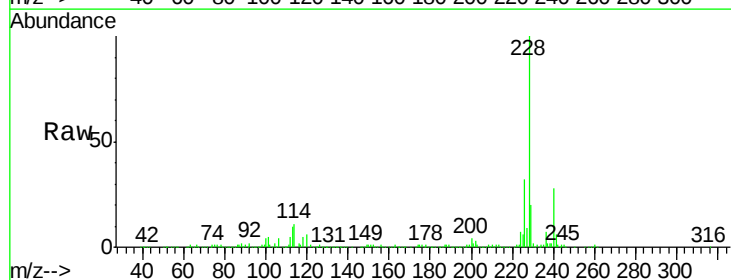
Instrument :
BNA_F
ClientSampled :

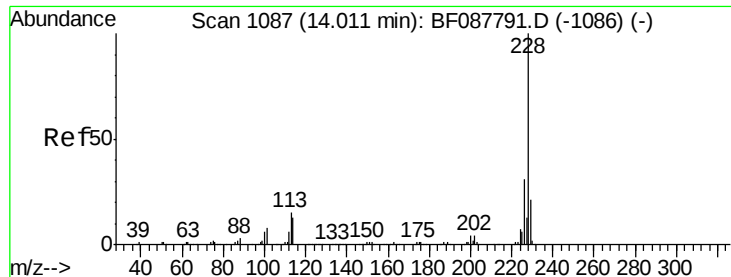
Tot Ion:149 Resp: 12191
Ion Ratio Lower Upper
149 100
91 56.5 48.0 72.0
206 21.6 16.0 24.0



#80
Benzo(a)anthracene
Concen: 35.69 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

Tgt Ion:228 Resp: 377621
Ion Ratio Lower Upper
228 100
226 31.6 22.3 33.5
229 20.5 16.0 24.0

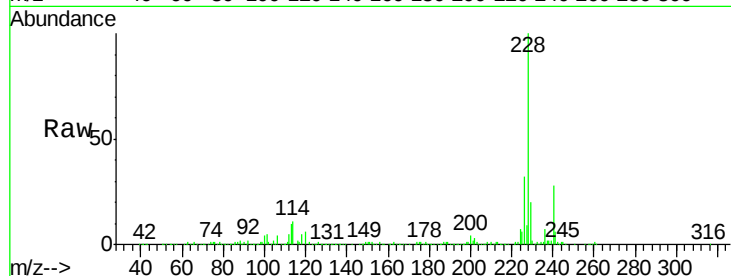




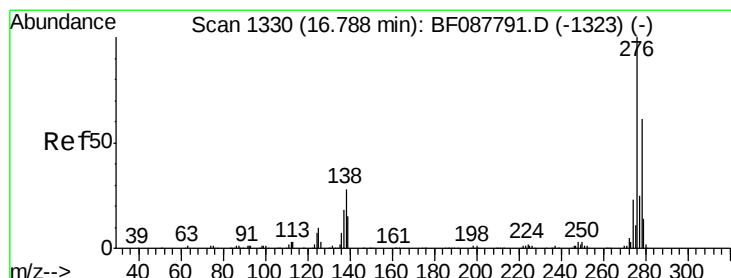
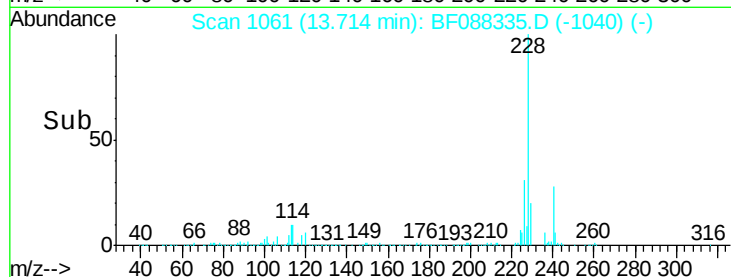
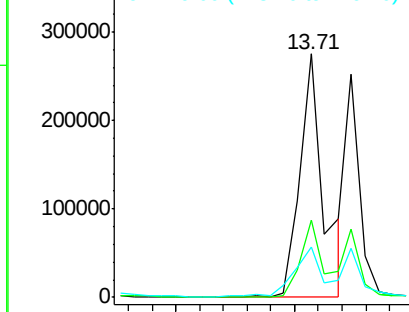
#82
Chrysene
Concen: 37.94 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 377621
Ion Ratio Lower Upper
228 100
226 31.6 25.4 38.2
229 20.5 16.3 24.5

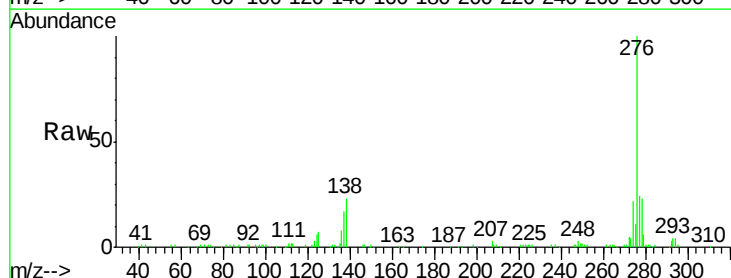


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

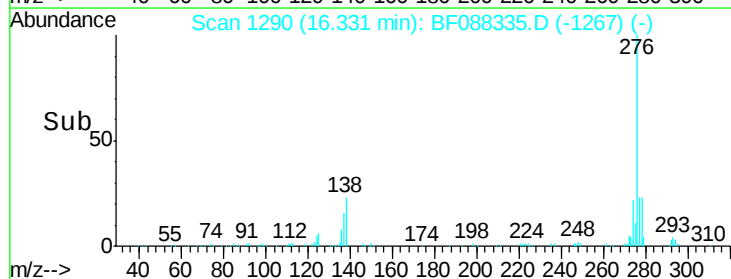
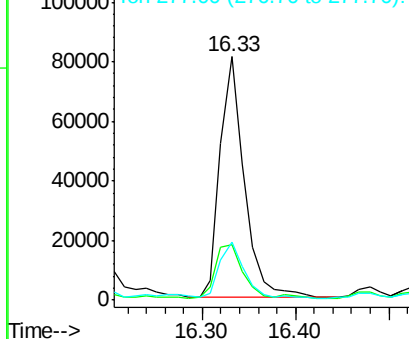


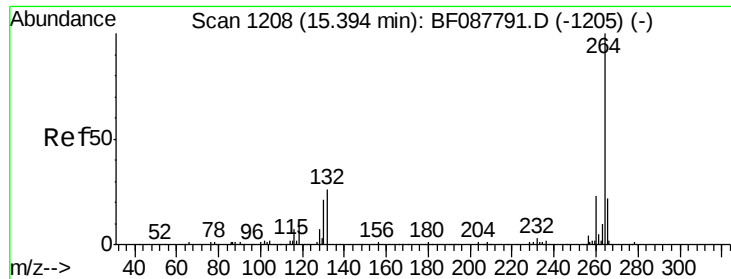
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.93 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

Tgt Ion:276 Resp: 147292
Ion Ratio Lower Upper
276 100
138 24.5 0.0 0.0#
277 23.7 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.09 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

Instrument :

BNA_F

ClientSampleId :

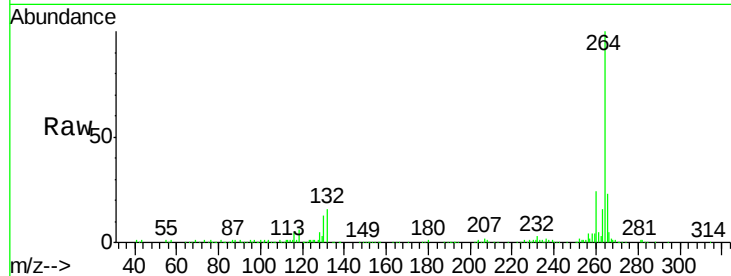
Tot Ion:264 Resp: 181791

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

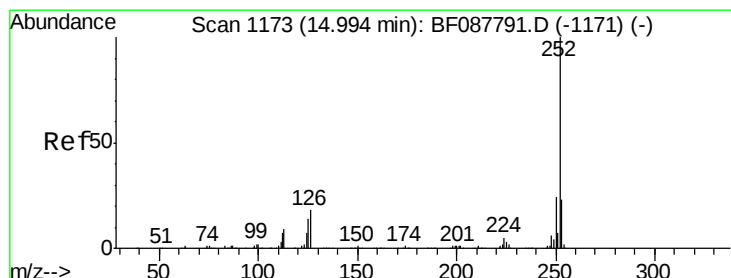
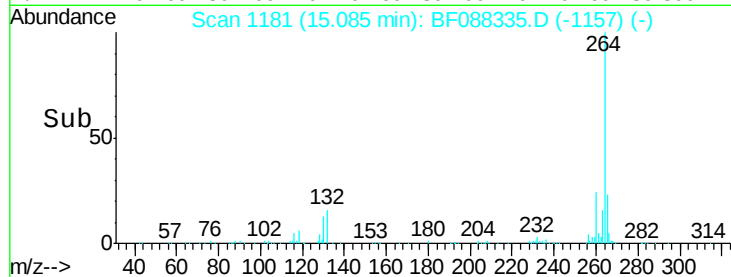
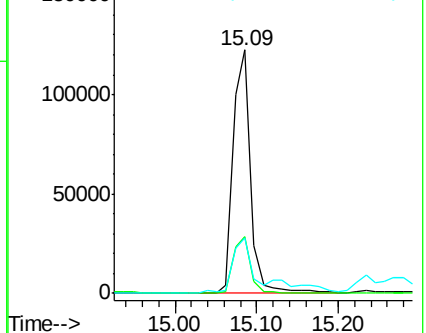
265 22.6 16.9 25.3



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



#87

Benzo(b)fluoranthene

Concen: 38.16 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

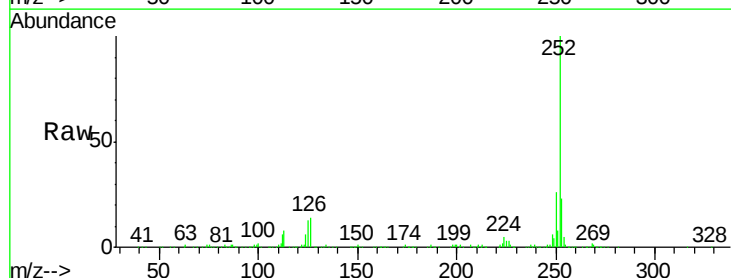
Tgt Ion:252 Resp: 483493

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

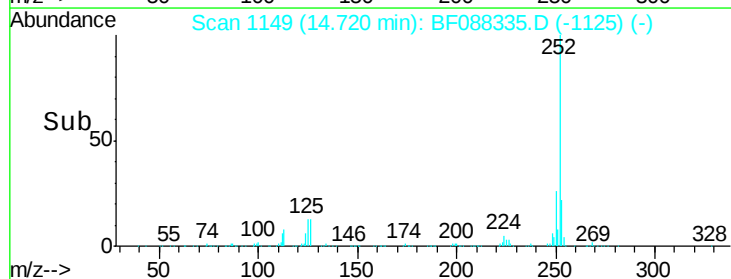
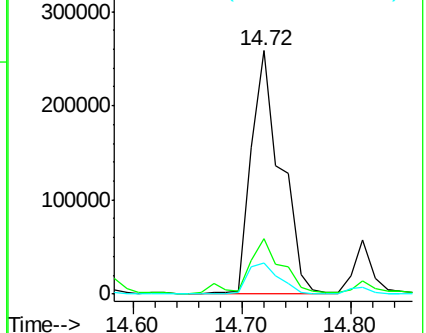
125 12.9 7.1 10.7#

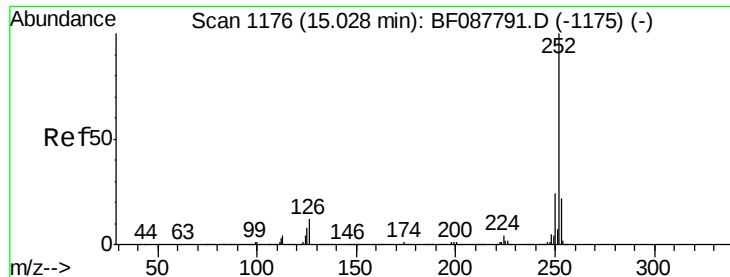


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

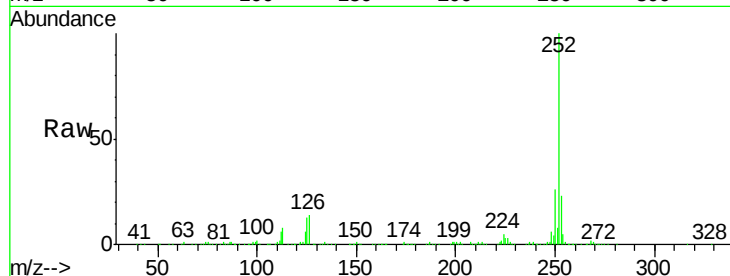




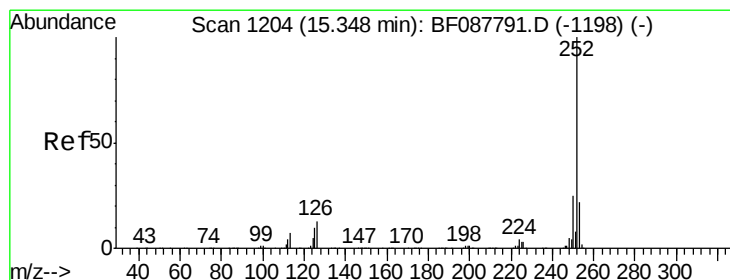
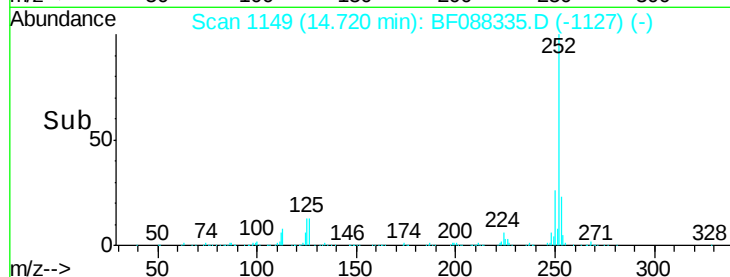
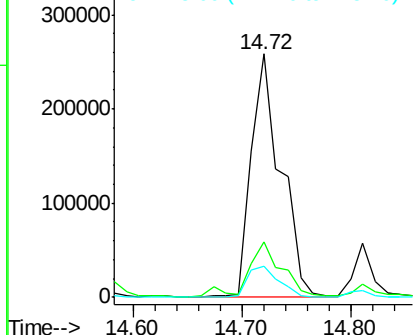
#88
Benzo(k)fluoranthene
Concen: 50.58 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.9	11.2	16.8

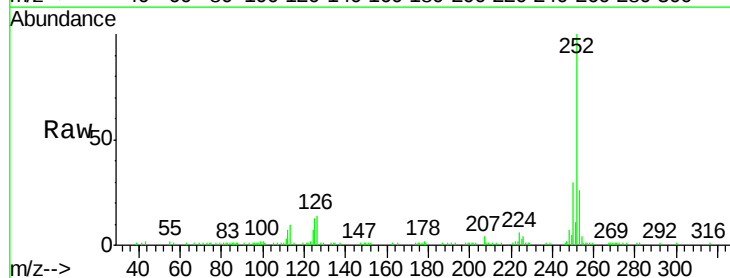


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

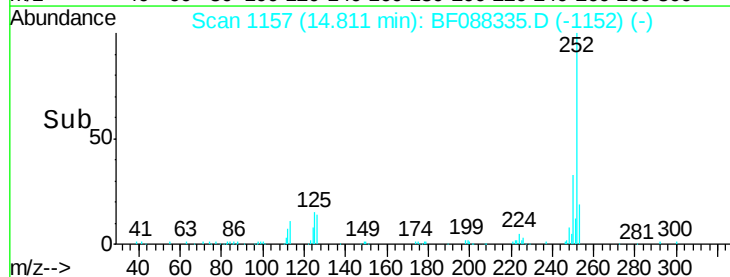
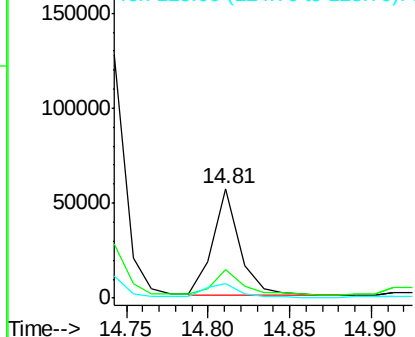


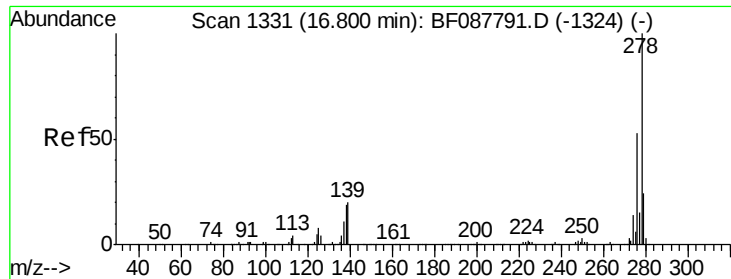
#89
Benzo(a)pyrene
Concen: 6.39 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.24 min
Lab File: BF088335.D
Acq: 24 Jun 2016 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.9	26.9
125	13.2	12.5	18.7



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





#90

Dibenzo(a,h)anthracene

Concen: 2.90 ng

RT: 16.48 min Scan# 1303

Delta R.T. 0.11 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

Instrument :

BNA_F

ClientSampleId :

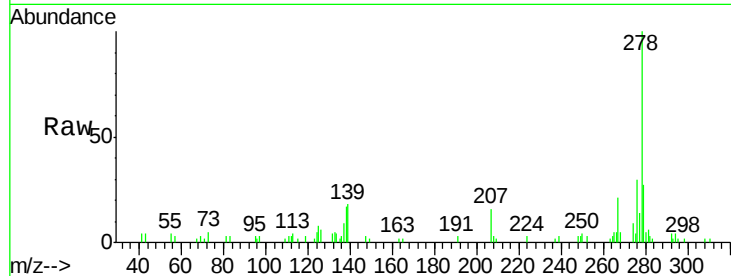
Tot Ion:278 Resp: 27564

Ion Ratio Lower Upper

278 100

139 18.3 15.7 23.5

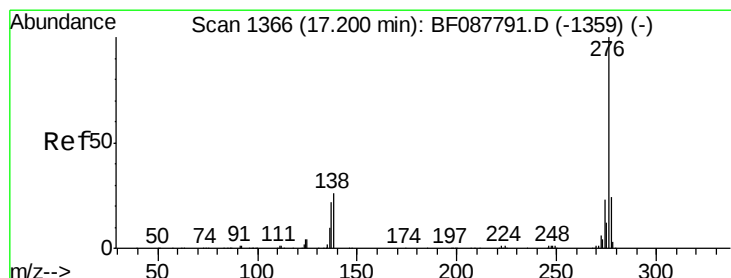
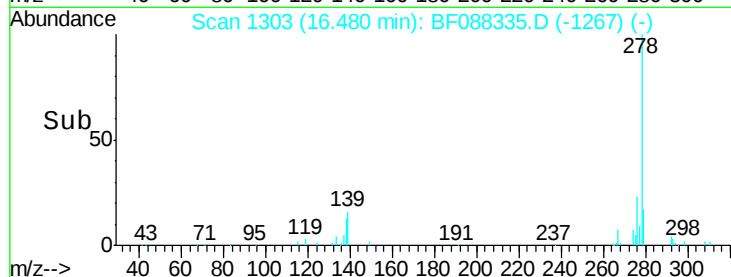
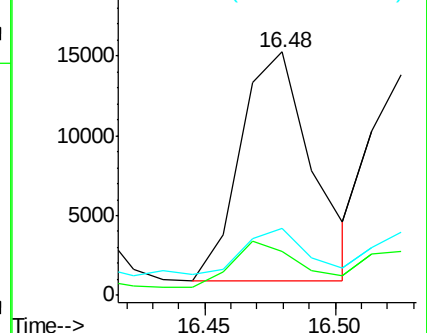
279 27.3 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 12.26 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF088335.D

Acq: 24 Jun 2016 16:56

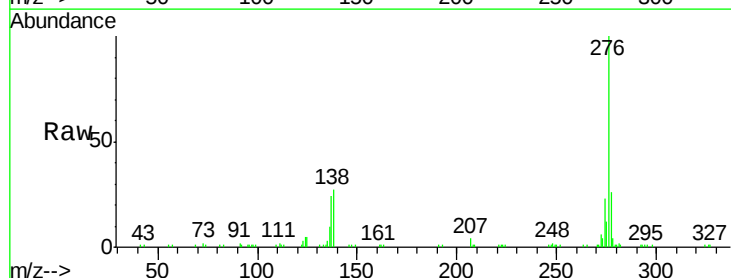
Tgt Ion:276 Resp: 120036

Ion Ratio Lower Upper

276 100

277 25.7 18.9 28.3

138 27.4 21.4 32.2



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

