

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088340.D
 Acq On : 24 Jun 2016 19:22
 Operator : UM/SJ
 Sample : H3599-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1432(0-4)

Quant Time: Jun 25 03:40:05 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	85000	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	334643	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	147838	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	247661	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	155839	20.00	ng	-0.02
86) Perylene-d12	15.09	264	167598	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	593582	119.38	ng	0.00
7) Phenol-d6	6.25	99	772788	128.25	ng	-0.01
23) Nitrobenzene-d5	7.16	82	510001	88.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	171825	110.07	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	790662	83.95	ng	-0.02
78) Terphenyl-d14	12.67	244	488591	71.34	ng	-0.02

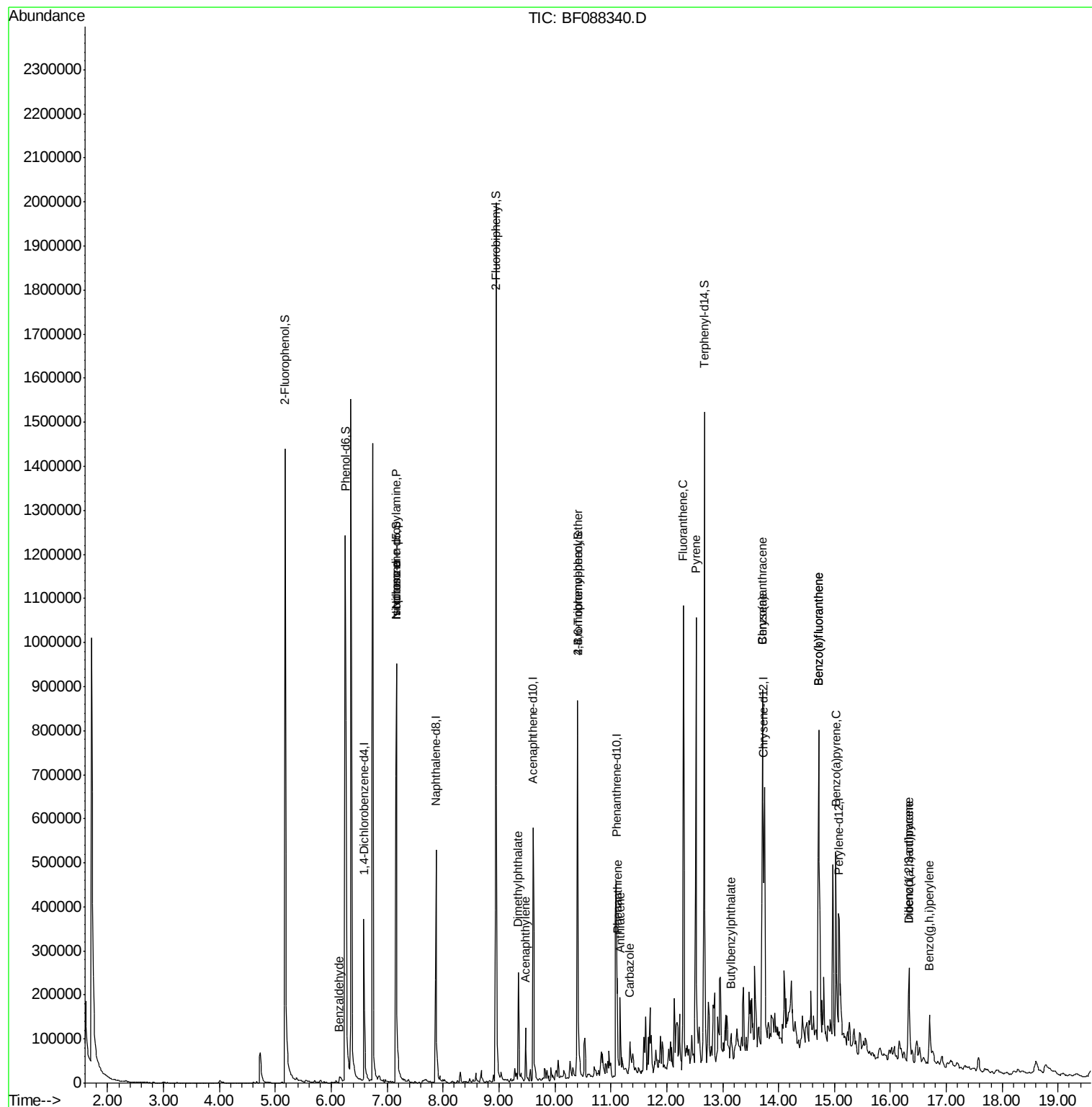
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.15	77	10697	2.58	ng	92
10) Phenol	6.26	94	5017	Below	Cal	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	64899	16.84	ng	# 66
25) Isophorone	7.16	82	499083	47.02	ng	# 65
45) 1,1'-Biphenyl	9.05	154	2126	Below	Cal	90
48) Acenaphthylene	9.47	152	73542	4.83	ng	99
49) Dimethylphthalate	9.35	163	102396	9.56	ng	100
57) Fluorene	10.16	166	11025	Below	Cal	# 91
66) 4-Bromophenyl-phenylether	10.41	248	11009	4.14	ng	# 1
70) Phenanthrene	11.12	178	116676	8.98	ng	97
71) Anthracene	11.16	178	87869	6.70	ng	98
72) Carbazole	11.34	167	33726	2.75	ng	99
74) Fluoranthene	12.30	202	478580	34.90	ng	98
77) Pyrene	12.53	202	454661	39.32	ng	99
79) Butylbenzylphthalate	13.15	149	12987	2.54	ng	98
80) Benzo(a)anthracene	13.71	228	333690	37.58	ng	93
82) Chrysene	13.71	228	333690	39.94	ng	98
85) Indeno(1,2,3-cd)pyrene	16.33	276	117164	15.09	ng	# 100
87) Benzo(b)fluoranthene	14.72	252	487523	41.73	ng	# 96
88) Benzo(k)fluoranthene	14.72	252	487523	55.33	ng	99
89) Benzo(a)pyrene	15.03	252	188223	19.92	ng	97
90) Dibenzo(a,h)anthracene	16.33	278	36227	4.13	ng	92
91) Benzo(g,h,i)perylene	16.70	276	90930	10.07	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: BF088340.D

Acq: 24 Jun 2016 19:22

Instrument :

BNA_F

ClientSampleId :

PM-STA-1432(0-4)

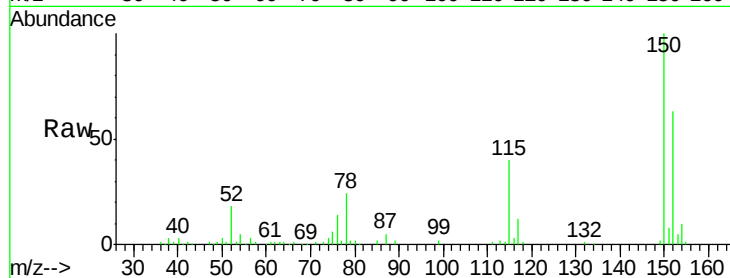
Tgt Ion:152 Resp: 85000

Ion Ratio Lower Upper

152 100

150 157.7 123.8 185.6

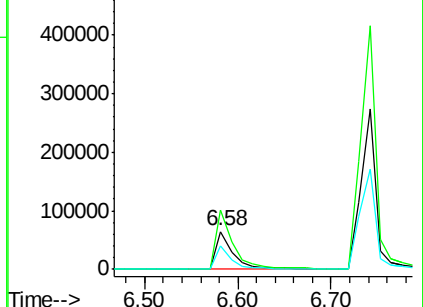
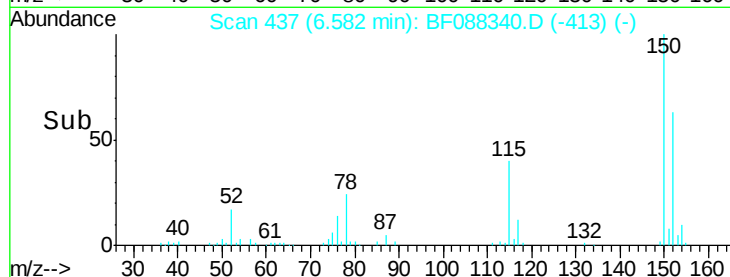
115 62.7 39.6 59.4#



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



#5

2-Fluorophenol

Concen: 119.38 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

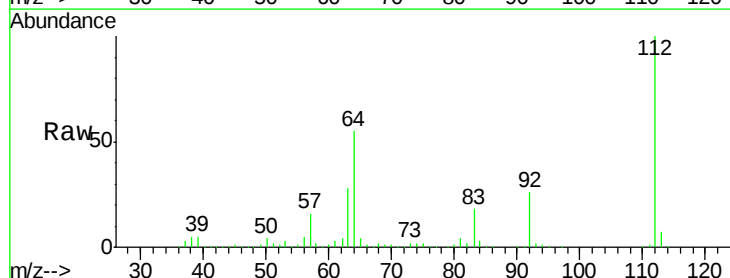
Tgt Ion:112 Resp: 593582

Ion Ratio Lower Upper

112 100

64 54.6 42.2 63.2

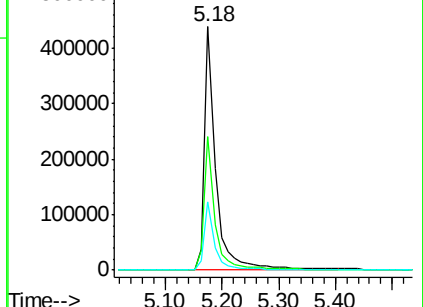
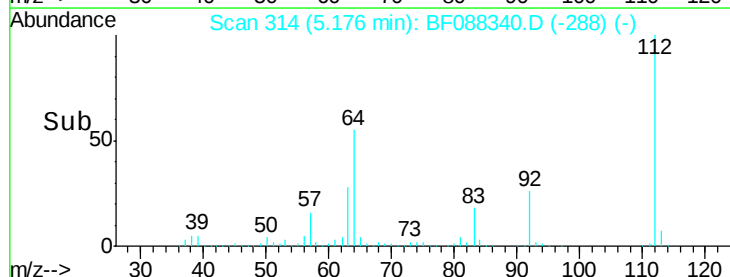
63 28.3 21.8 32.8



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: 128.25 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

Instrument :

BNA_F

ClientSampleId :

PM-STA-1432(0-4)

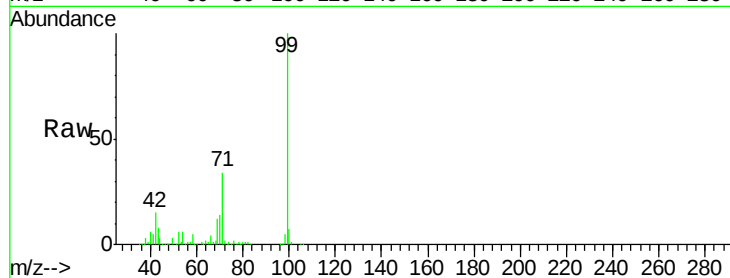
Tgt Ion: 99 Resp: 772788

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 34.0 23.4 35.0



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

6.25

500000

400000

300000

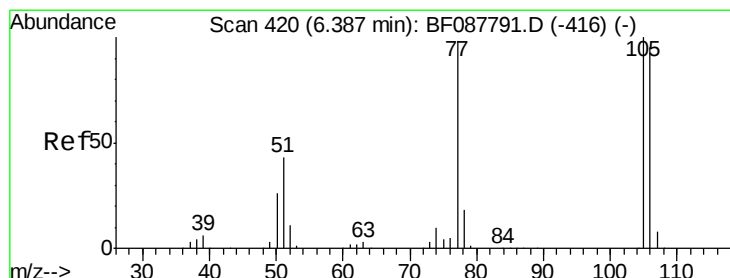
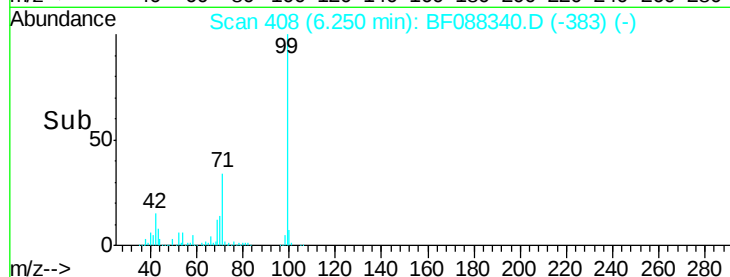
200000

100000

0

6.20 6.40

Time-->



#9

Benzaldehyde

Concen: 2.58 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

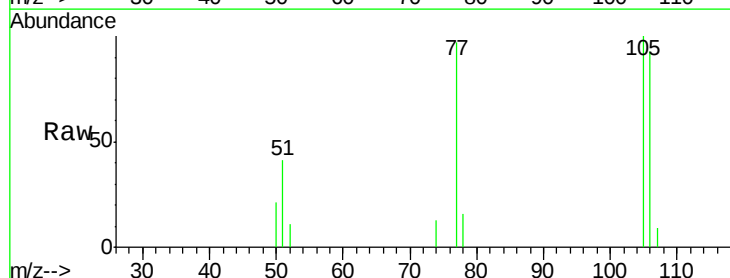
Tgt Ion: 77 Resp: 10697

Ion Ratio Lower Upper

77 100

105 103.2 90.6 130.6

106 95.5 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6.15

5000

4000

3000

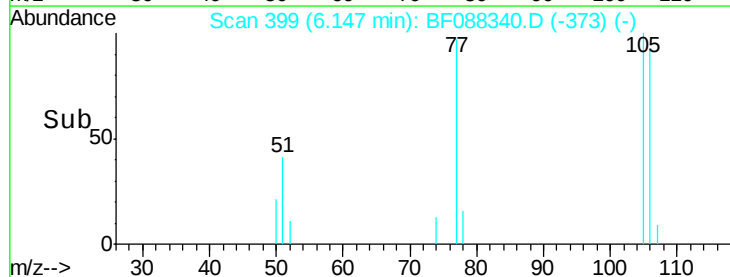
2000

1000

0

6.10 6.15 6.20 6.25

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 16.84 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

Instrument :

BNA_F

ClientSampleId :

PM-STA-1432(0-4)

Tgt Ion: 70 Resp: 64899

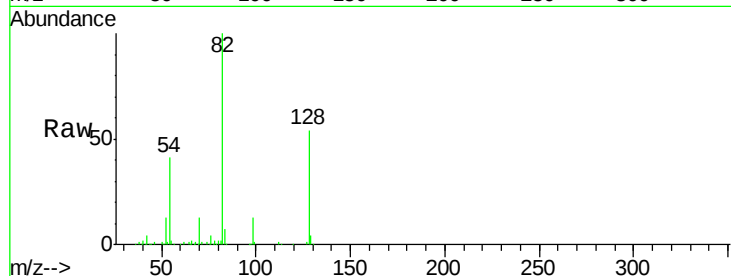
Ion Ratio Lower Upper

70 100

42 35.3 49.6 74.4#

101 0.0 7.1 10.7#

130 3.0 15.4 23.2#



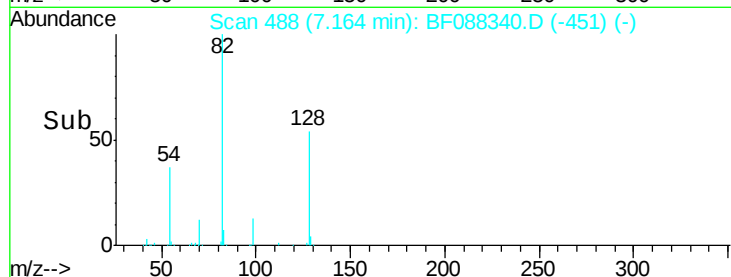
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

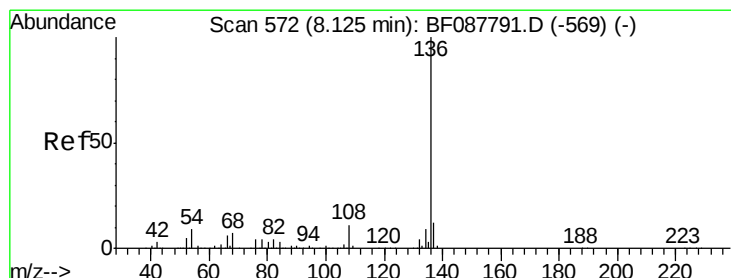
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

Tgt Ion: 136 Resp: 334643

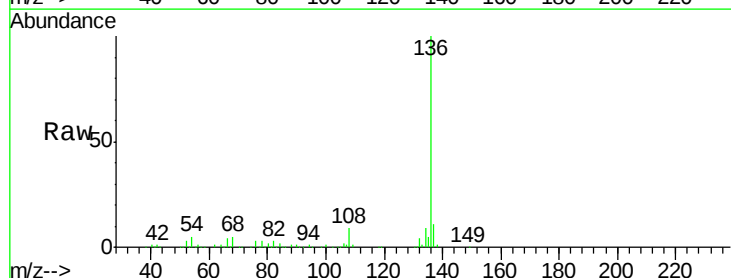
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.2 6.6 10.0#

68 4.6 5.1 7.7#



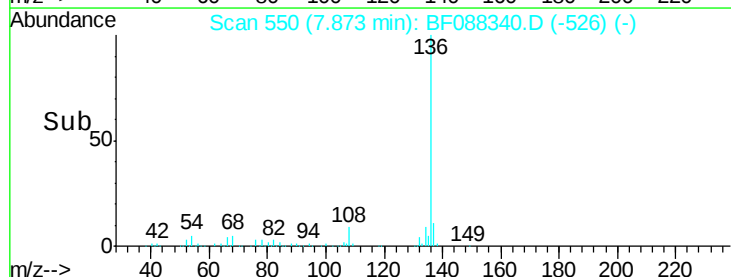
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

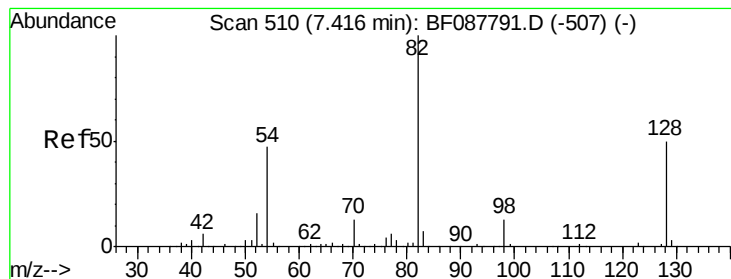
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 88.99 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

Instrument :

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ClientSampleId :

PM-STA-1432(0-4)

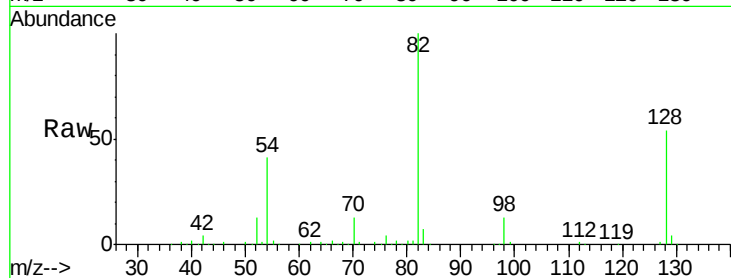
Tgt Ion: 82 Resp: 510001

Ion Ratio Lower Upper

82 100

128 54.3 35.9 53.9#

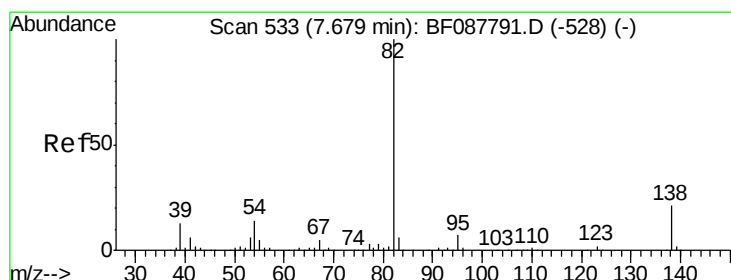
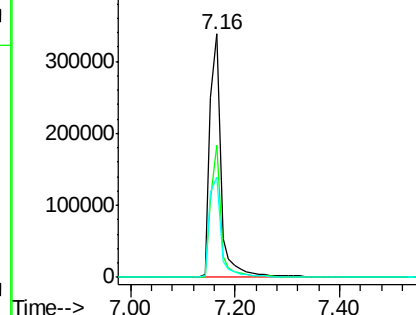
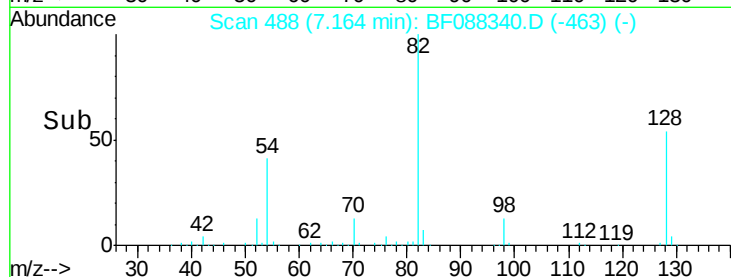
54 41.2 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 47.02 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

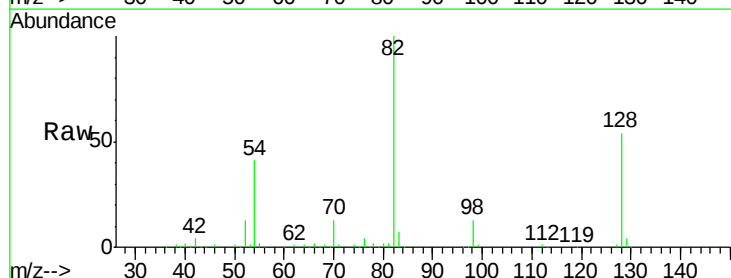
Tgt Ion: 82 Resp: 499083

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

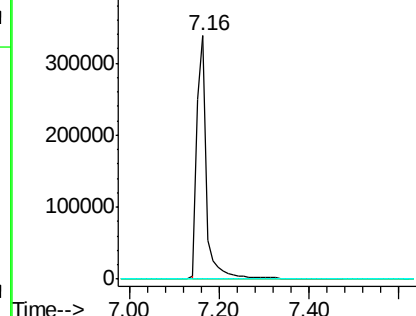
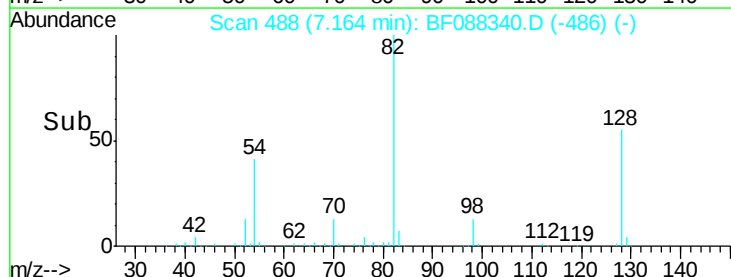
138 0.0 14.6 21.8#

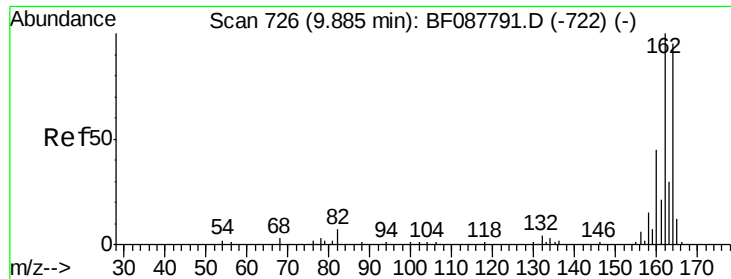


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

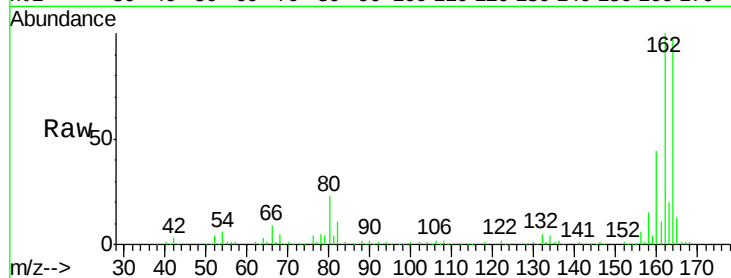




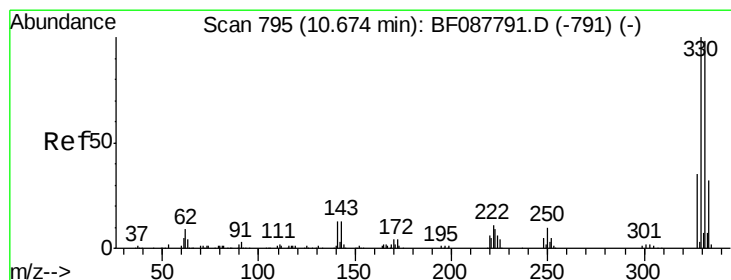
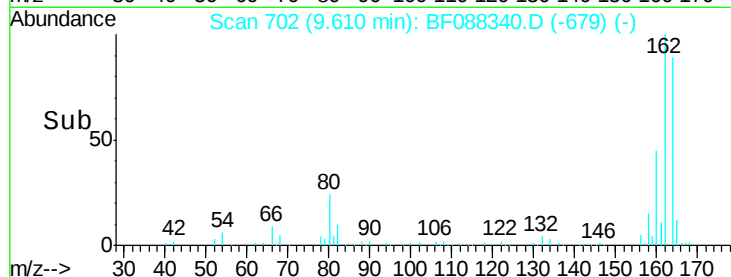
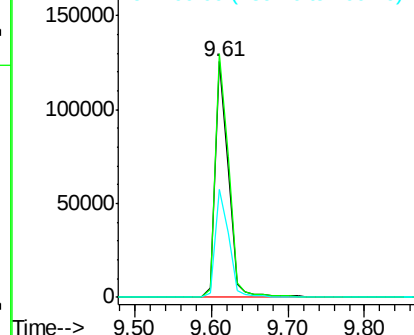
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF088340.D
Acq: 24 Jun 2016 19:22

Instrument :
BNA_F
ClientSampleId :
PM-STA-1432(0-4)

Tgt Ion:164 Resp: 147838
Ion Ratio Lower Upper
164 100
162 103.4 85.4 128.2
160 45.8 39.5 59.3

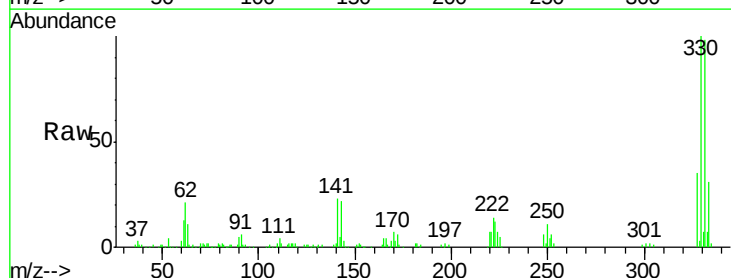


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

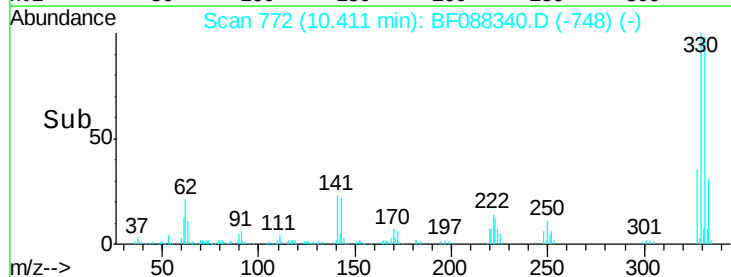
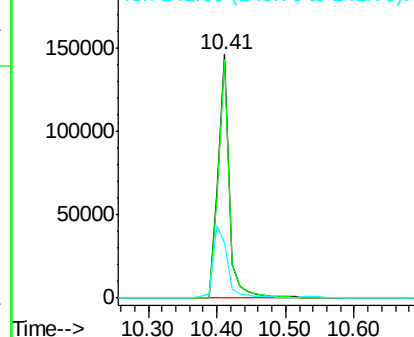


#41
2,4,6-Tribromophenol
Concen: 110.07 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088340.D
Acq: 24 Jun 2016 19:22

Tgt Ion:330 Resp: 171825
Ion Ratio Lower Upper
330 100
332 97.5 0.0 0.0#
141 36.7 0.0 0.0#



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

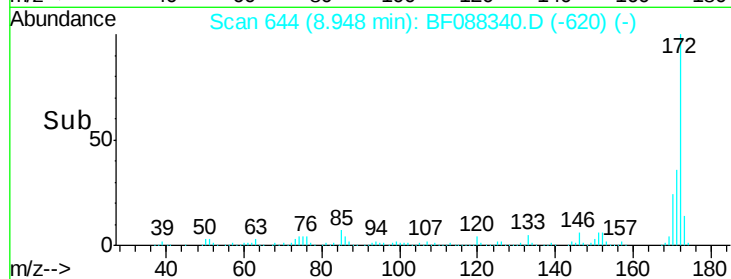
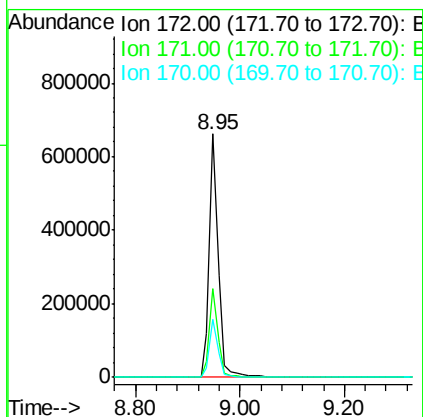
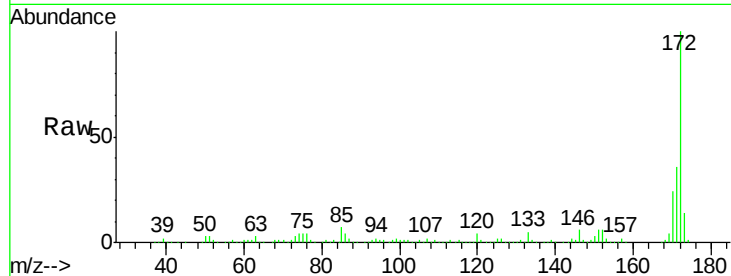




#44
 2-Fluorobiphenyl
 Concen: 83.95 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088340.D
 Acq: 24 Jun 2016 19:22

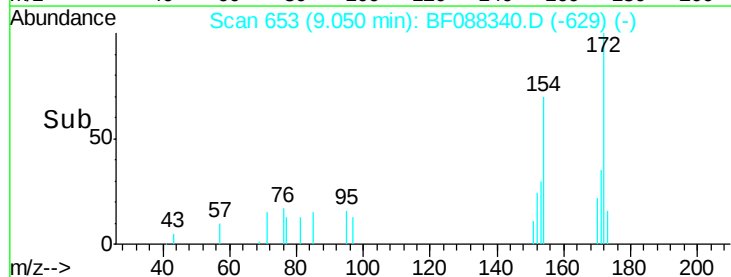
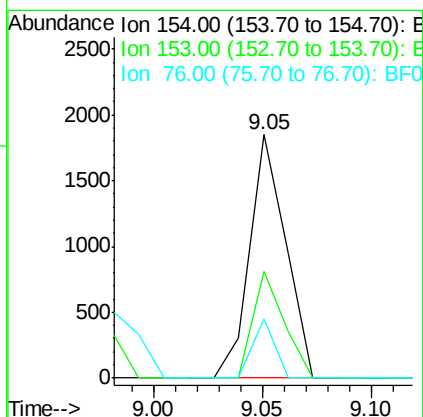
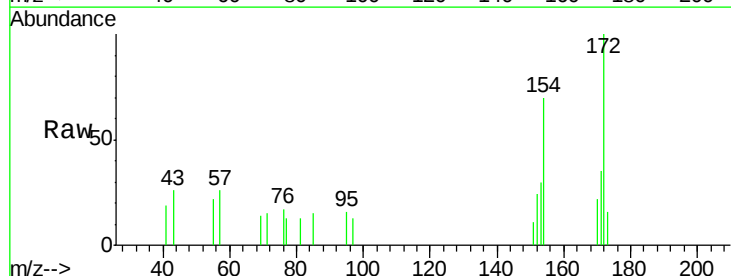
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 PM-STA-1432(0-4)

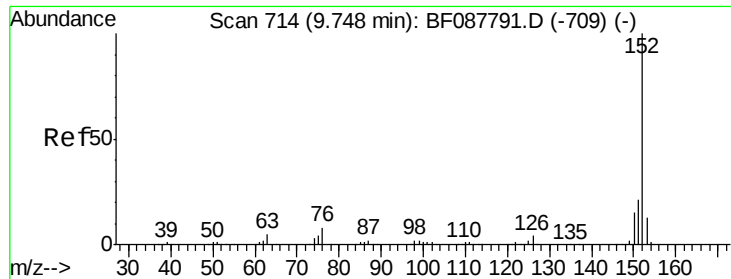
Tgt Ion:172 Resp: 790662
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.1 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088340.D
 Acq: 24 Jun 2016 19:22

Tgt Ion:154 Resp: 2126
 Ion Ratio Lower Upper
 154 100
 153 43.7 20.6 60.6
 76 24.5 0.0 35.1





#48

Acenaphthylene

Concen: 4.83 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

Instrument :

BNA_F

ClientSampleId :

PM-STA-1432(0-4)

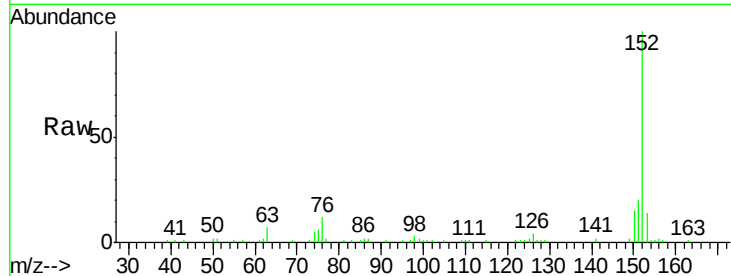
Tgt Ion:152 Resp: 73542

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

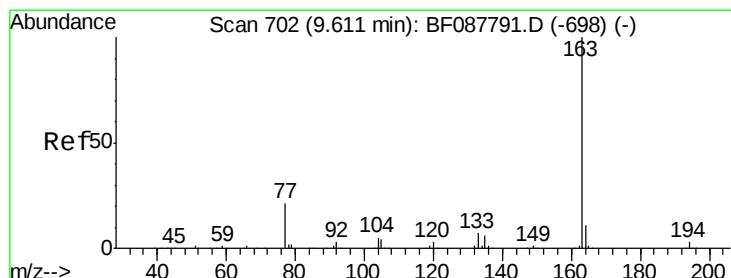
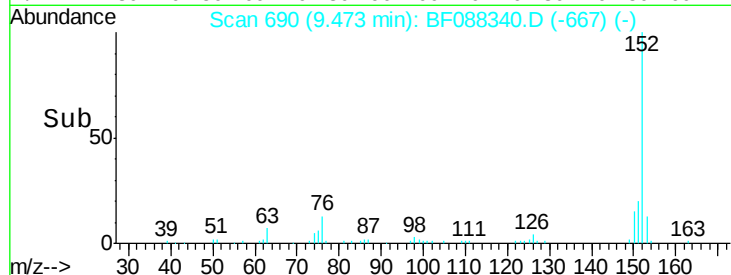
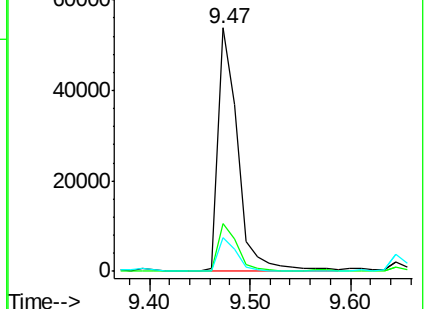
153 13.7 11.0 16.6



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: 9.56 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

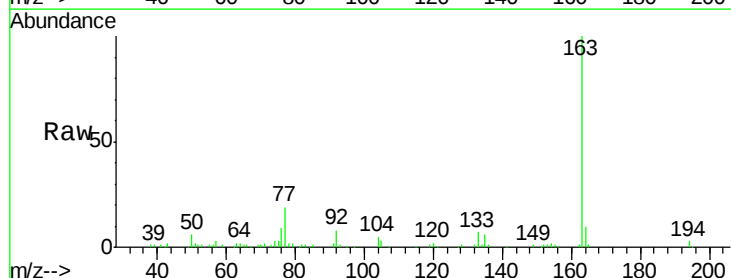
Tgt Ion:163 Resp: 102396

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

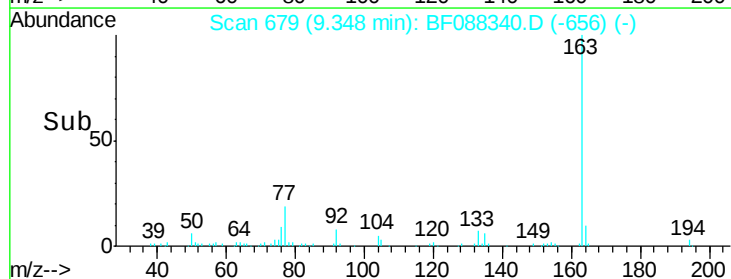
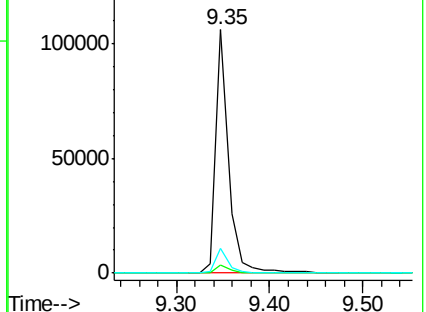
164 10.4 8.3 12.5



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

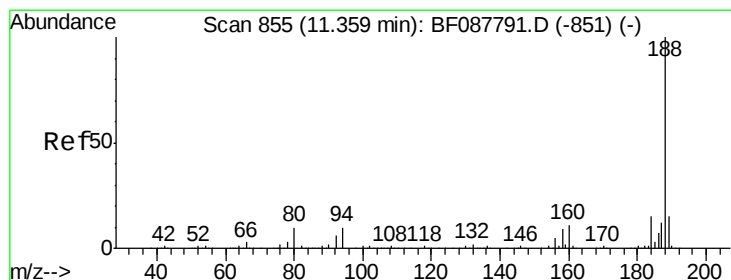
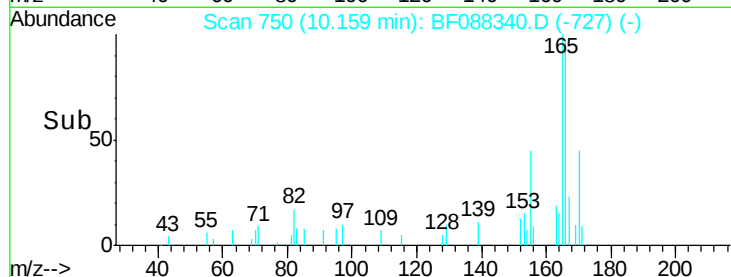
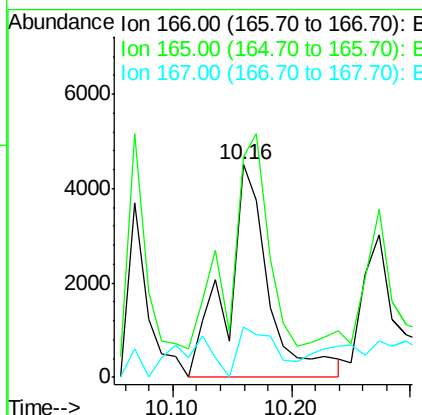
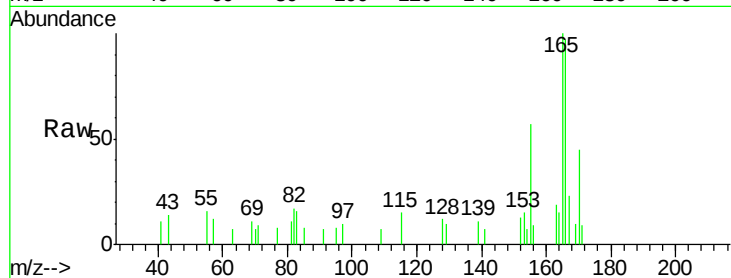




#57
 Fluorene
 Concen: Below Cal
 RT: 10.16 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF088340.D
 Acq: 24 Jun 2016 19:22

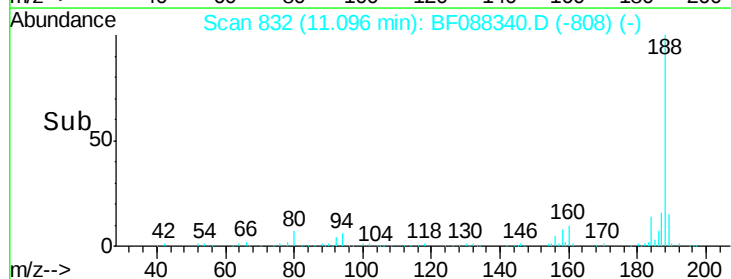
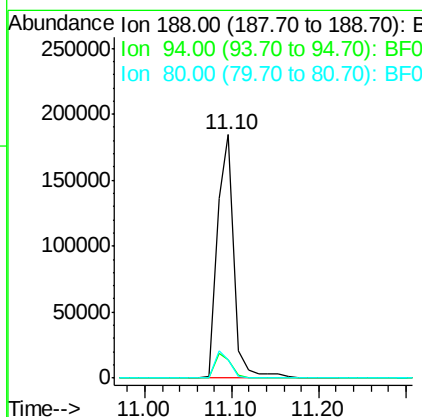
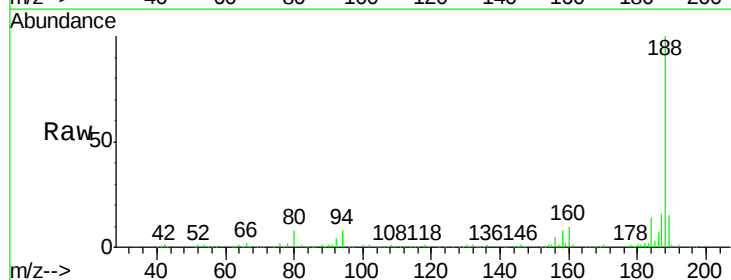
Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1432(0-4)

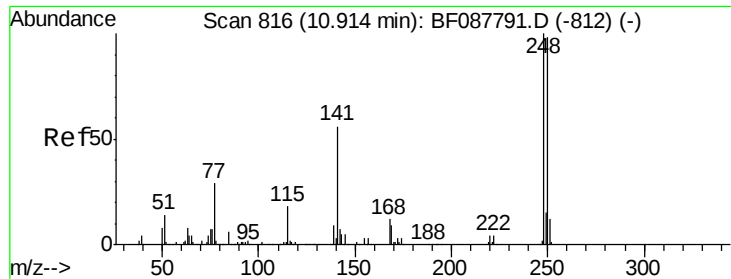
Tgt Ion:166 Resp: 11025
 Ion Ratio Lower Upper
 166 100
 165 103.6 77.8 116.8
 167 23.5 11.2 16.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF088340.D
 Acq: 24 Jun 2016 19:22

Tgt Ion:188 Resp: 247661
 Ion Ratio Lower Upper
 188 100
 94 7.8 9.0 13.6#
 80 7.6 10.0 15.0#

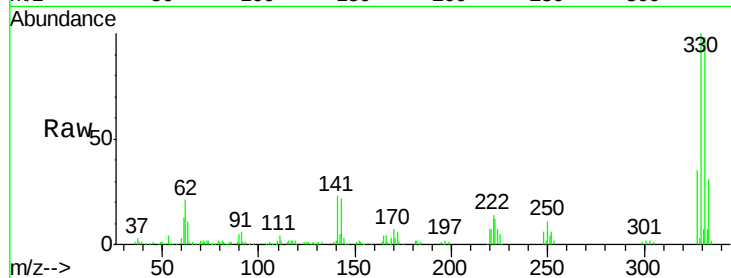




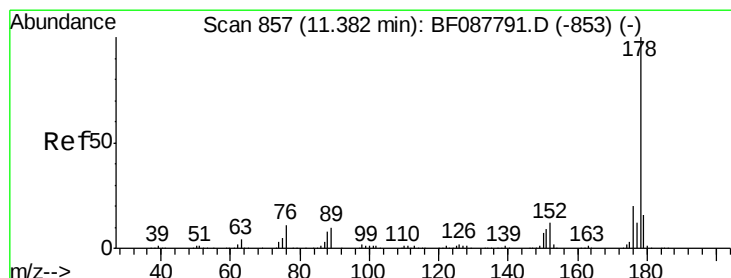
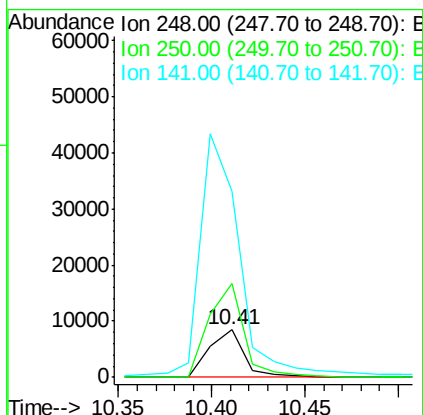
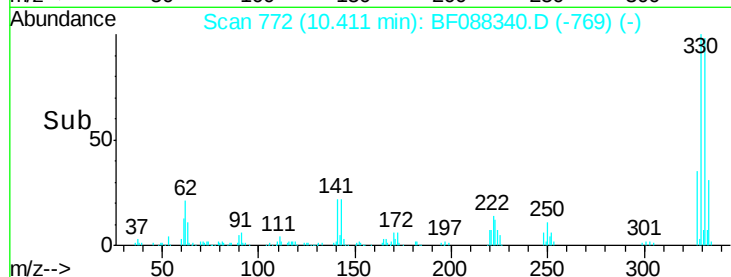
#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.26 min
Lab File: BF088340.D
Acq: 24 Jun 2016 19:22

Instrument :
BNA_F
ClientSampleId :
PM-STA-1432(0-4)

Tgt Ion:248 Resp: 11009
Ion Ratio Lower Upper
248 100
250 196.9 77.1 115.7#
141 393.1 50.6 76.0#

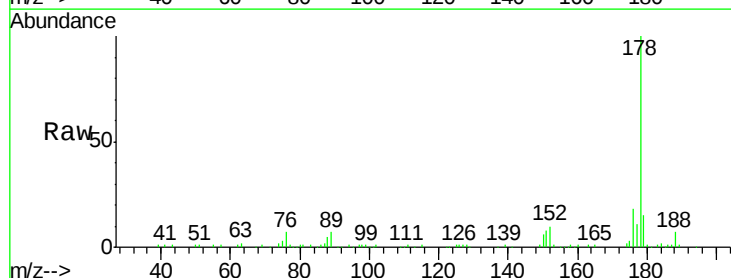


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

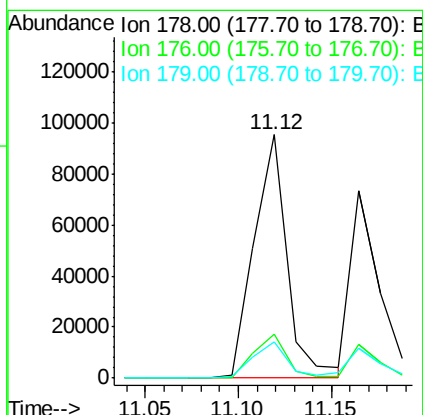
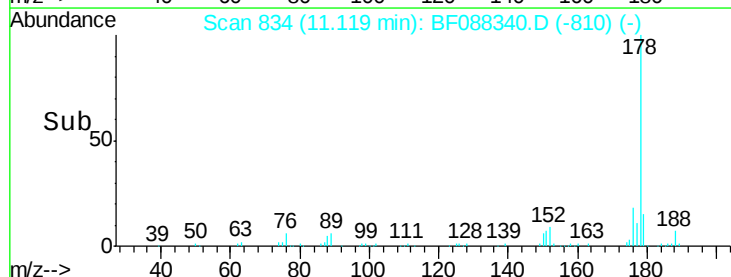


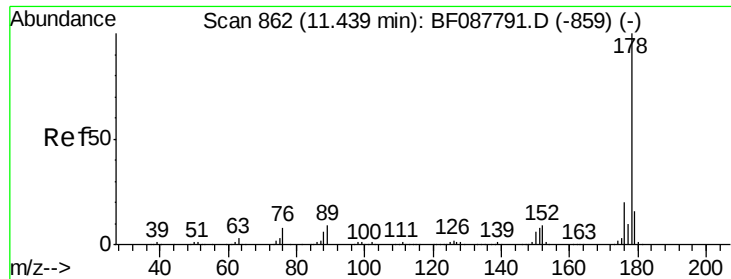
#70
Phenanthrene
Concen: 8.98 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF088340.D
Acq: 24 Jun 2016 19:22

Tgt Ion:178 Resp: 116676
Ion Ratio Lower Upper
178 100
176 17.9 15.8 23.6
179 15.1 13.0 19.4



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

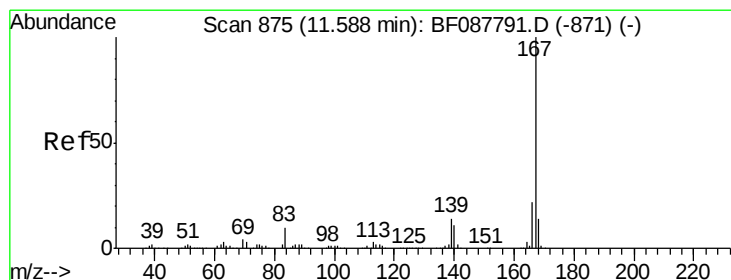
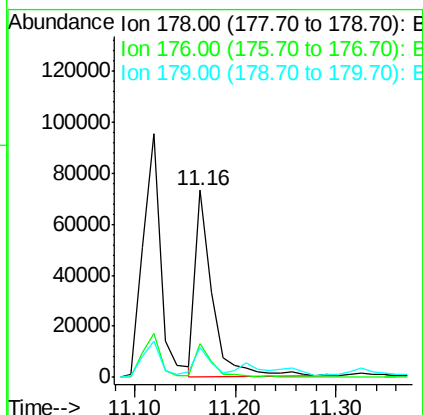
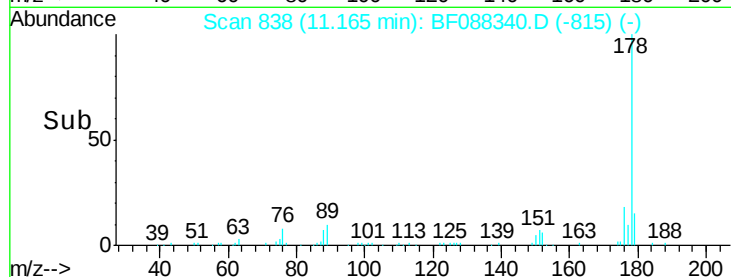
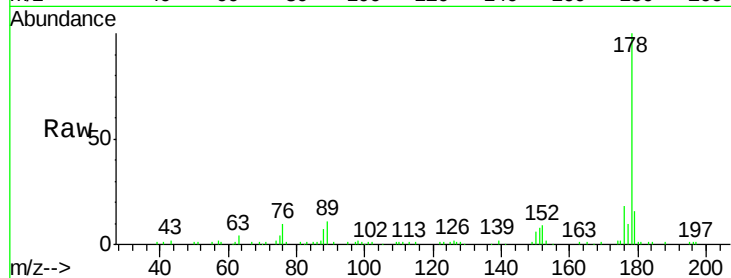




#71
 Anthracene
 Concen: 6.70 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BF088340.D
 Acq: 24 Jun 2016 19:22

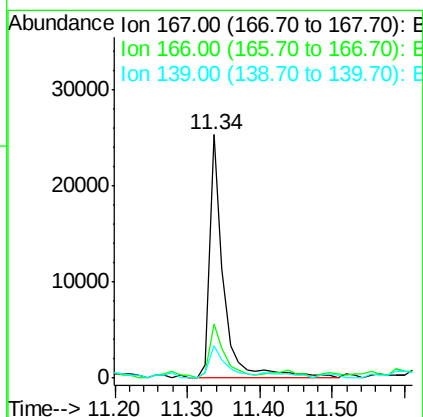
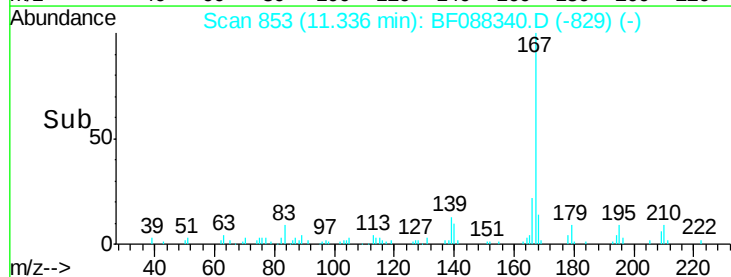
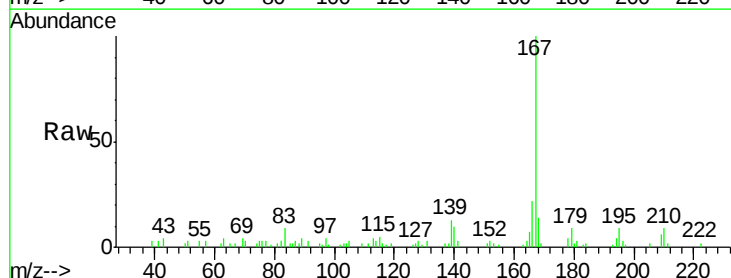
Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1432(0-4)

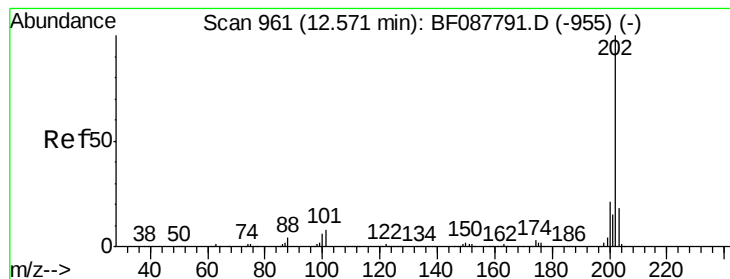
Tgt Ion:178 Resp: 87869
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.6 23.4
 179 15.7 12.8 19.2



#72
 Carbazole
 Concen: 2.75 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF088340.D
 Acq: 24 Jun 2016 19:22

Tgt Ion:167 Resp: 33726
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.4 11.2 16.8





#74

Fluoranthene

Concen: 34.90 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

Instrument :

BNA_F

ClientSampleId :

PM-STA-1432(0-4)

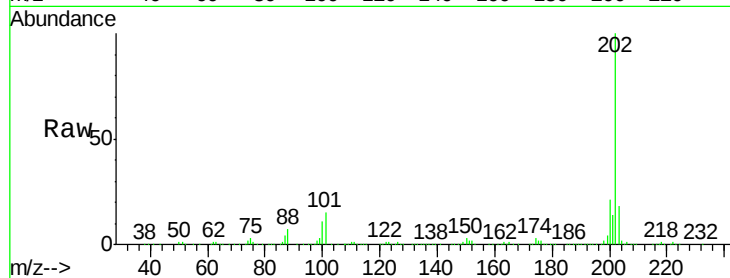
Tgt Ion:202 Resp: 478580

Ion Ratio Lower Upper

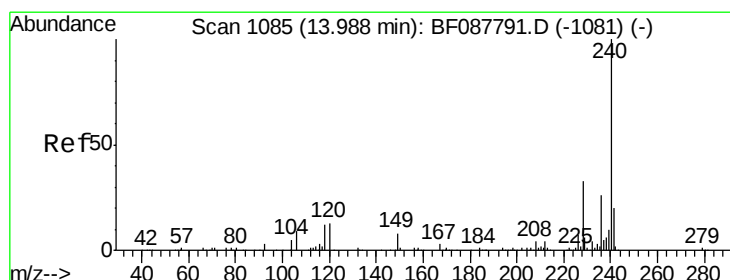
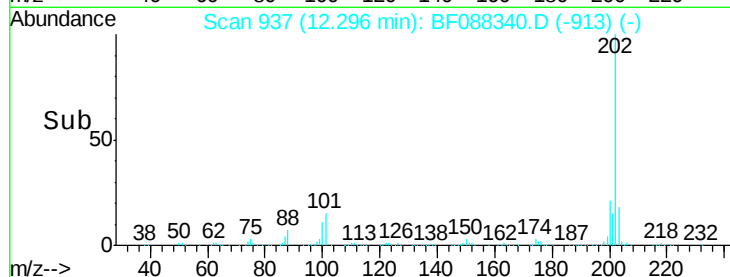
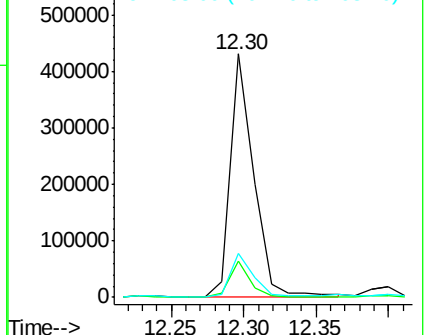
202 100

101 14.6 0.0 33.1

203 17.9 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: BF088340.D

Acq: 24 Jun 2016 19:22

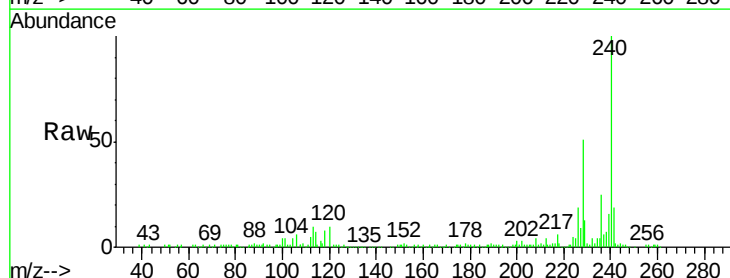
Tgt Ion:240 Resp: 155839

Ion Ratio Lower Upper

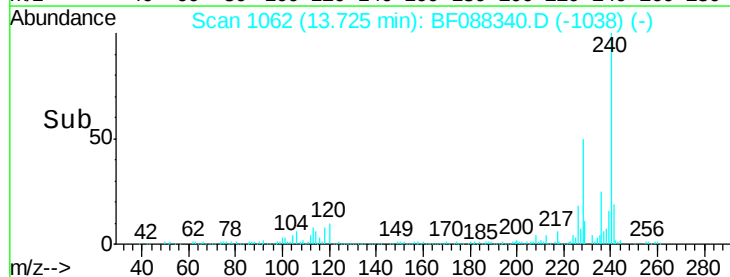
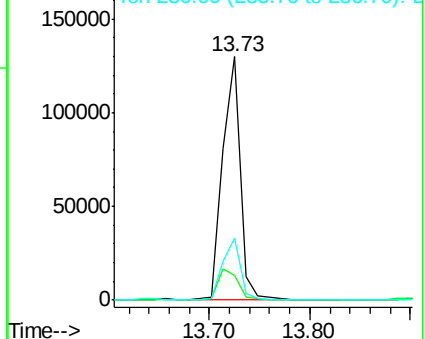
240 100

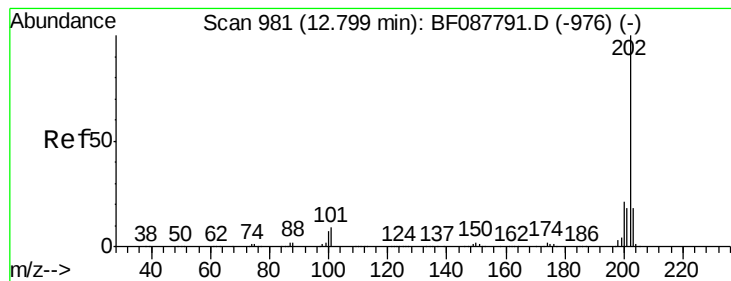
120 9.9 6.8 10.2

236 25.3 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

Pyrene

Concen: 39.32 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

Instrument :

BNA_F

ClientSampleId :

PM-STA-1432(0-4)

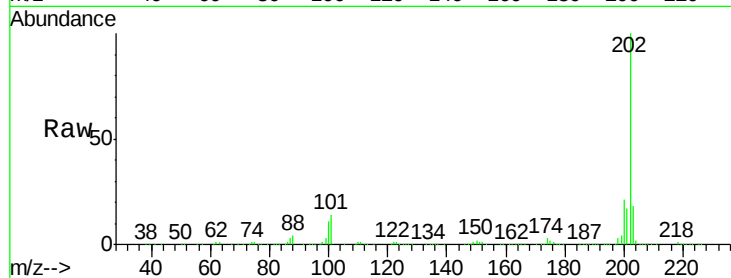
Tgt Ion:202 Resp: 454661

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

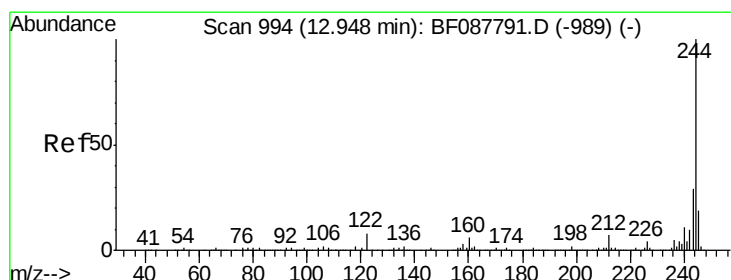
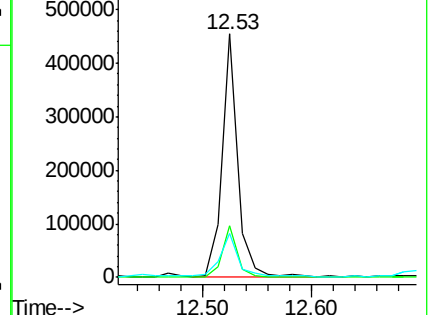
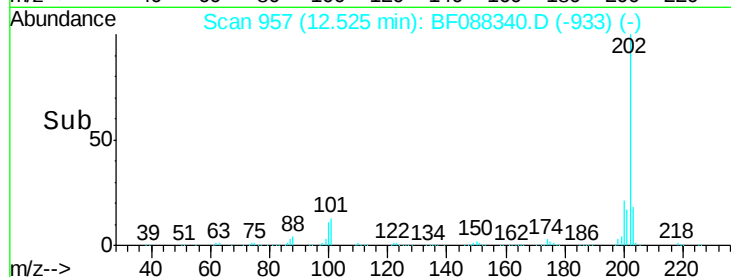
203 17.8 14.5 21.7



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: 71.34 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

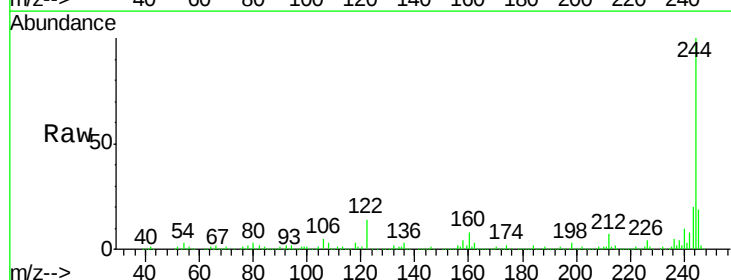
Tgt Ion:244 Resp: 488591

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

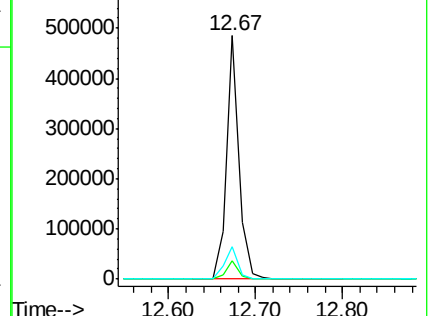
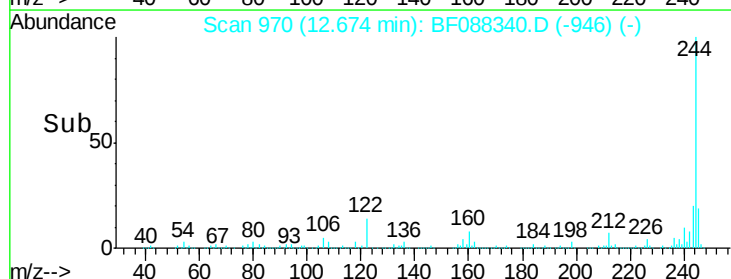
122 13.5 11.2 16.8

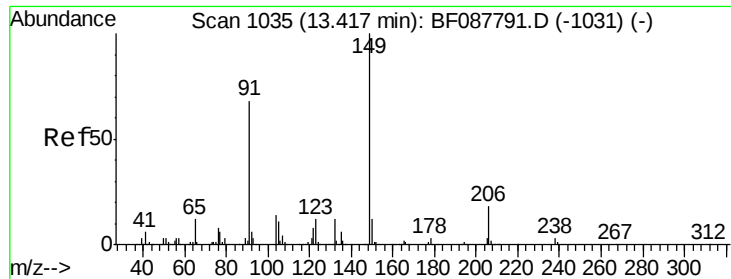


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

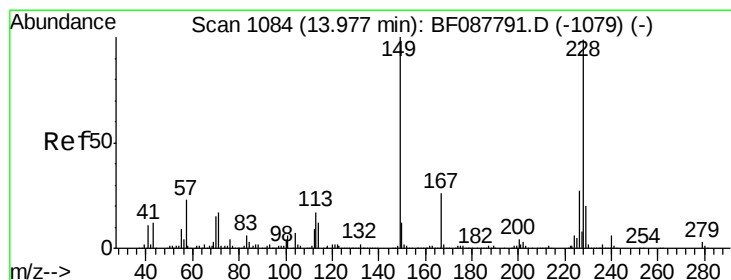
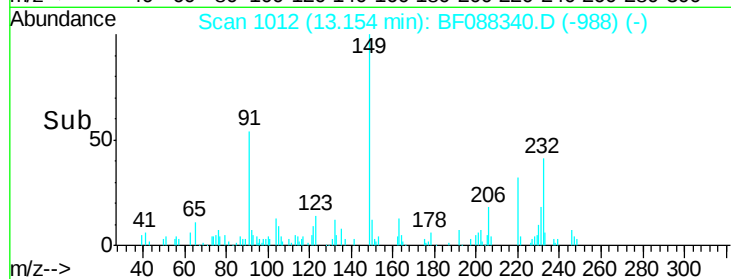
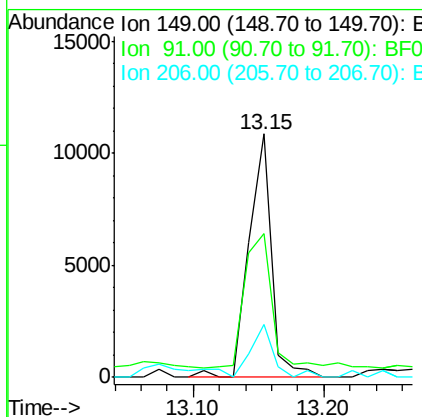
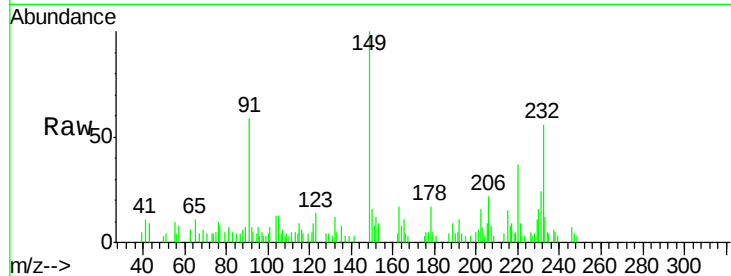




#79
Butylbenzylphthalate
Concen: 2.54 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF088340.D
Acq: 24 Jun 2016 19:22

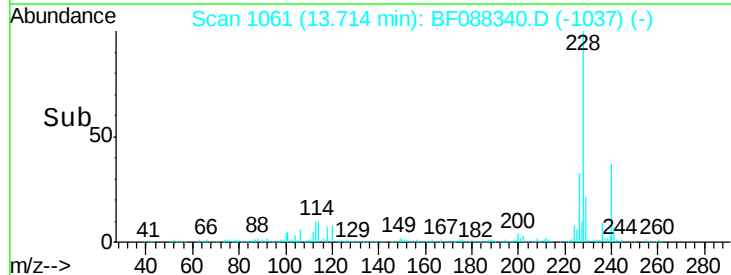
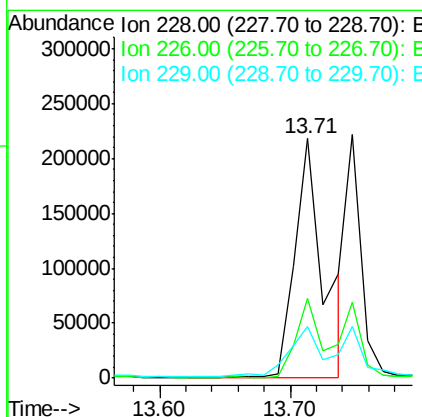
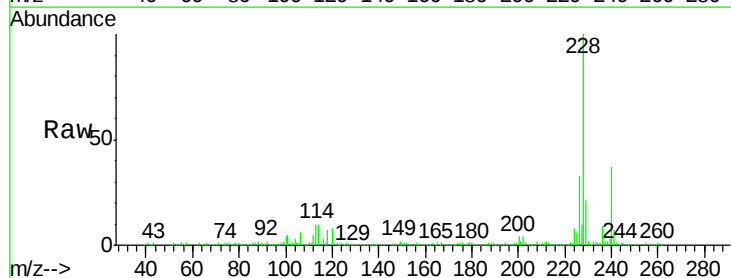
Instrument :
BNA_F
ClientSampleId :
PM-STA-1432(0-4)

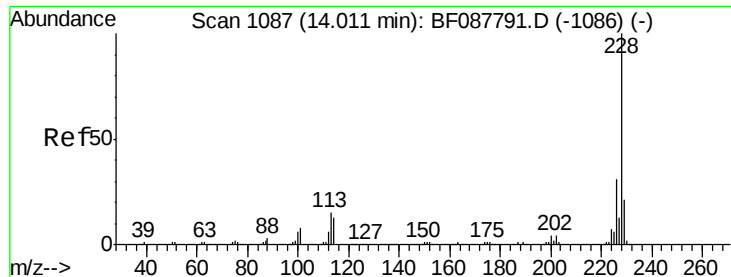
Tgt Ion	Ratio	Lower	Upper
149	100		
91	59.0	48.0	72.0
206	21.6	16.0	24.0



#80
Benzo(a)anthracene
Concen: 37.58 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BF088340.D
Acq: 24 Jun 2016 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.3	33.5
229	21.4	16.0	24.0

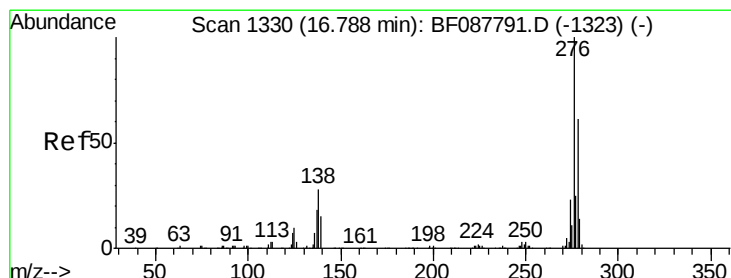
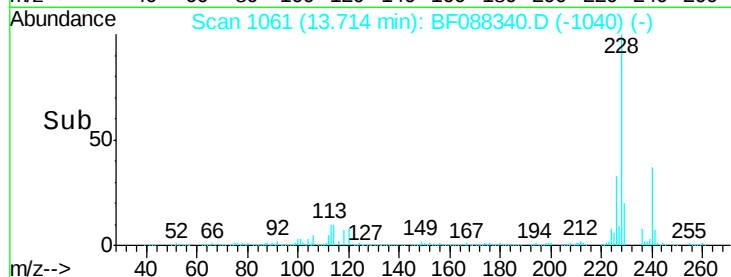
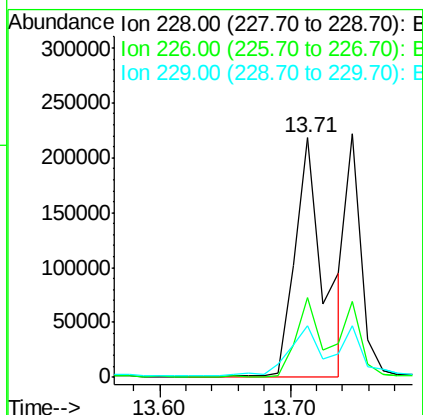
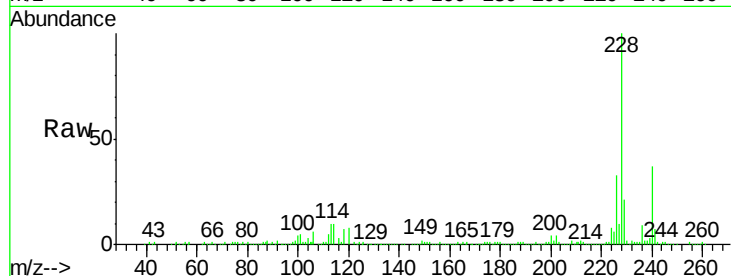




#82
Chrysene
Concen: 39.94 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BF088340.D
Acq: 24 Jun 2016 19:22

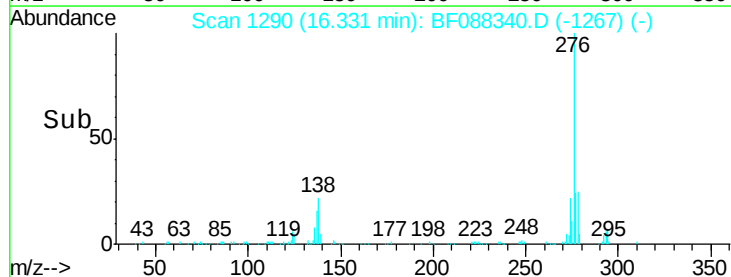
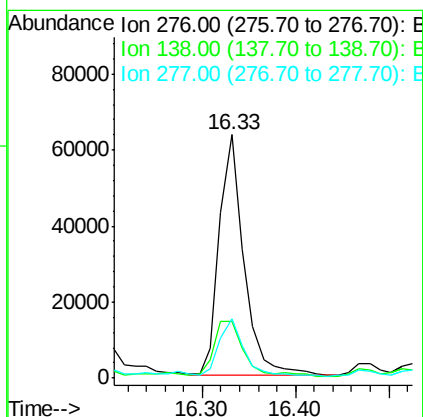
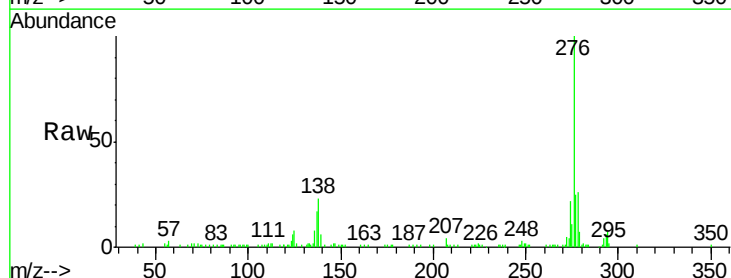
Instrument :
BNA_F
ClientSampleId :
PM-STA-1432(0-4)

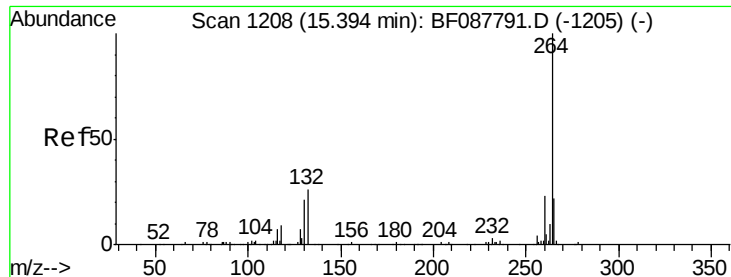
Tgt Ion:228 Resp: 333690
Ion Ratio Lower Upper
228 100
226 33.2 25.4 38.2
229 21.4 16.3 24.5



#85
Indeno(1,2,3-cd)pyrene
Concen: 15.09 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF088340.D
Acq: 24 Jun 2016 19:22

Tgt Ion:276 Resp: 117164
Ion Ratio Lower Upper
276 100
138 27.8 0.0 0.0#
277 23.5 0.0 0.0#



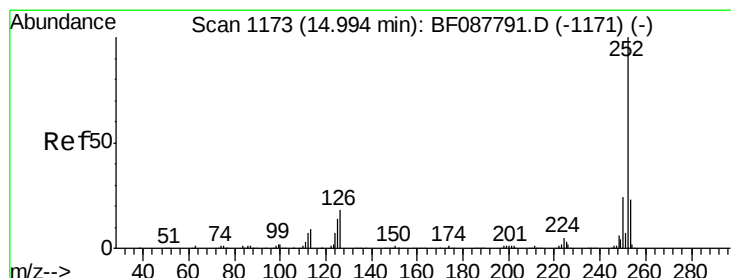
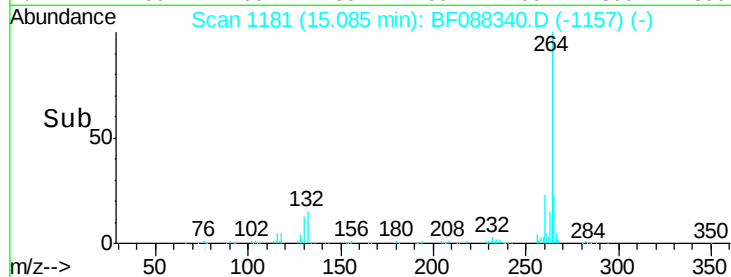
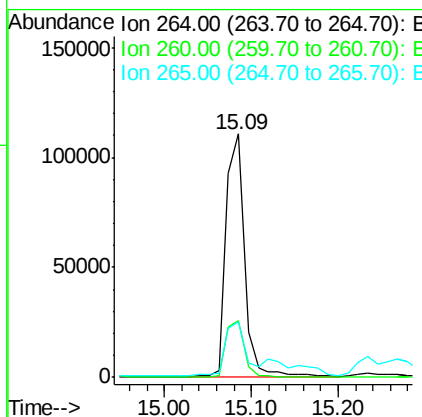
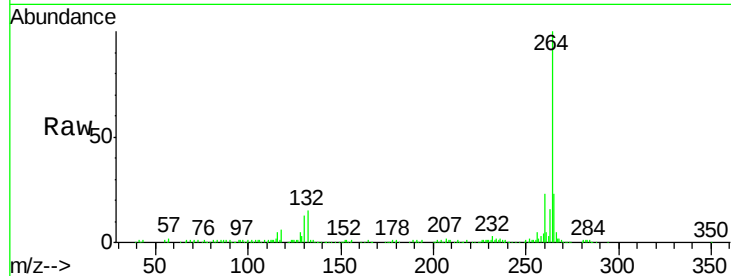


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF088340.D
Acq: 24 Jun 2016 19:22

Instrument :
BNA_F
ClientSampleId :
PM-STA-1432(0-4)

Tgt Ion: 264 Resp: 167598

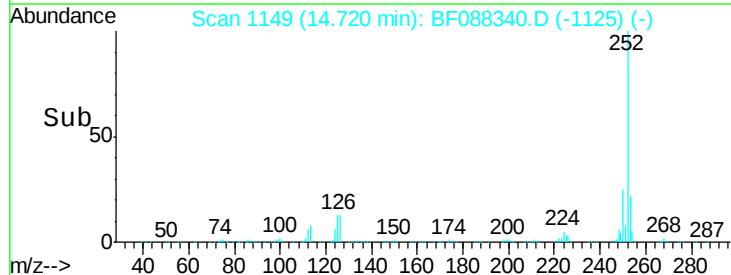
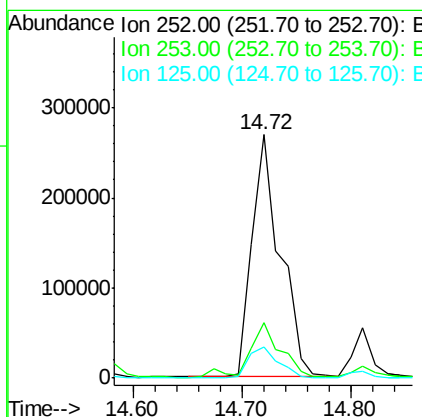
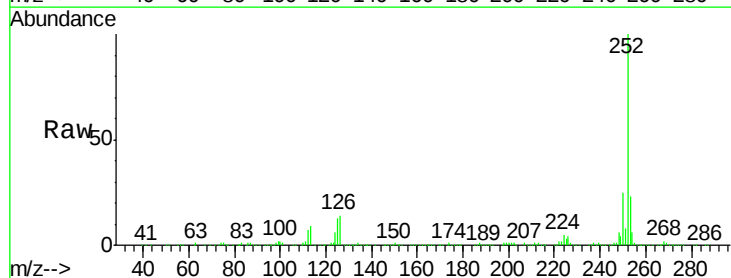
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.0	16.9	25.3

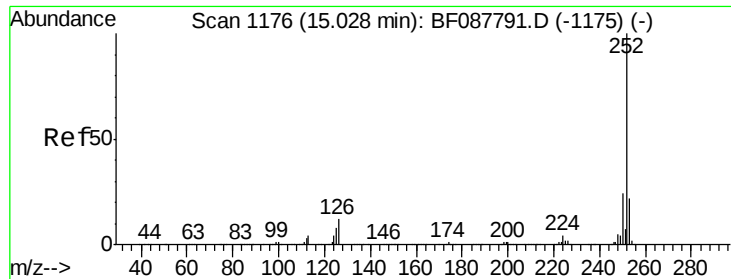


#87
Benzo(b)fluoranthene
Concen: 41.73 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF088340.D
Acq: 24 Jun 2016 19:22

Tgt Ion: 252 Resp: 487523

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	13.0	7.1	10.7#





#88

Benzo(k)fluoranthene

Concen: 55.33 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

Instrument :

BNA_F

ClientSampleId :

PM-STA-1432(0-4)

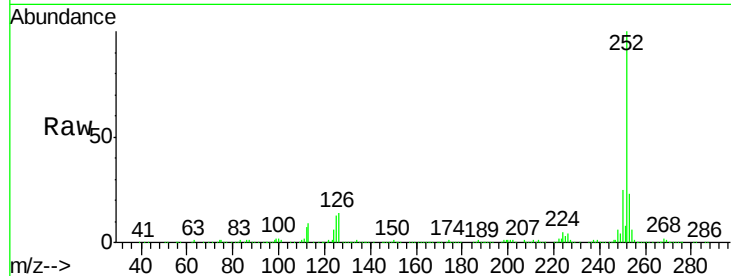
Tgt Ion:252 Resp: 487523

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

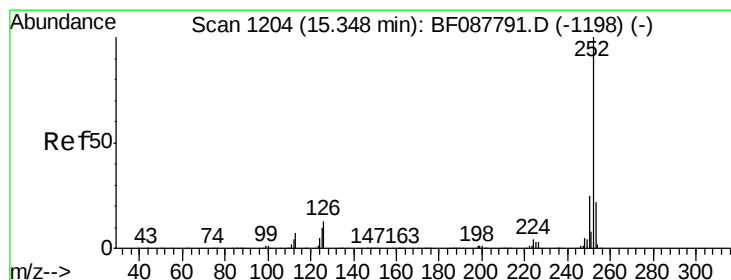
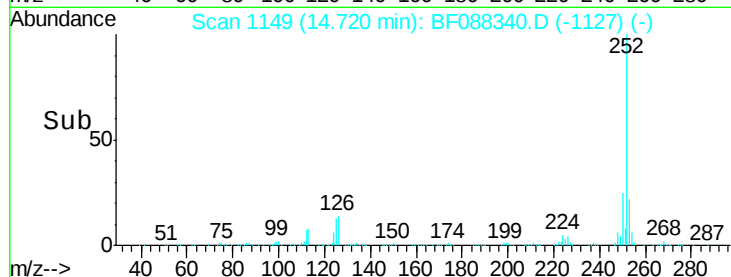
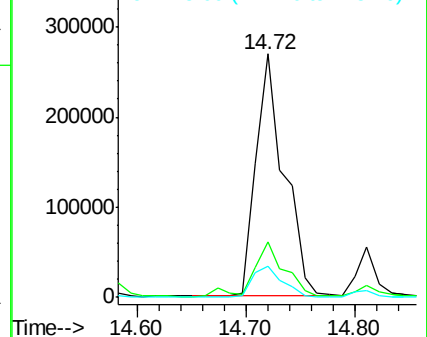
125 13.0 11.2 16.8



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: 19.92 ng

RT: 15.03 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

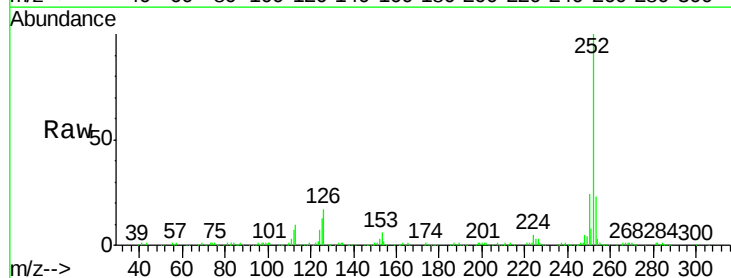
Tgt Ion:252 Resp: 188223

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

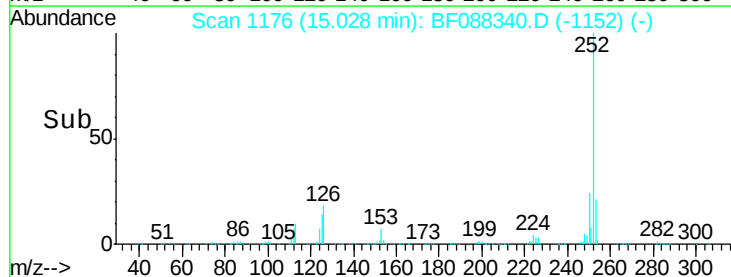
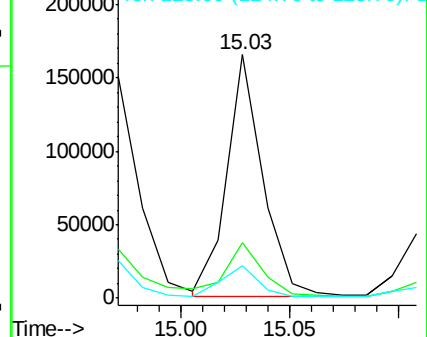
125 13.2 12.5 18.7

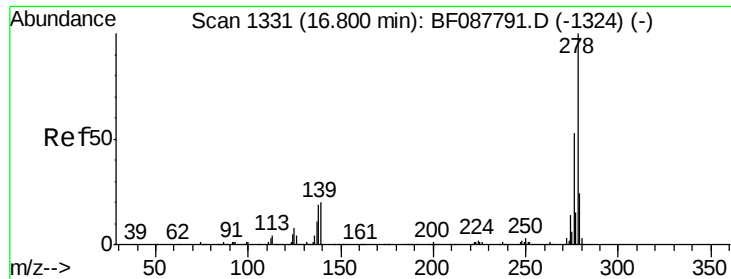


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.13 ng

RT: 16.33 min Scan# 1290

Delta R.T. -0.03 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

Instrument :

BNA_F

ClientSampleId :

PM-STA-1432(0-4)

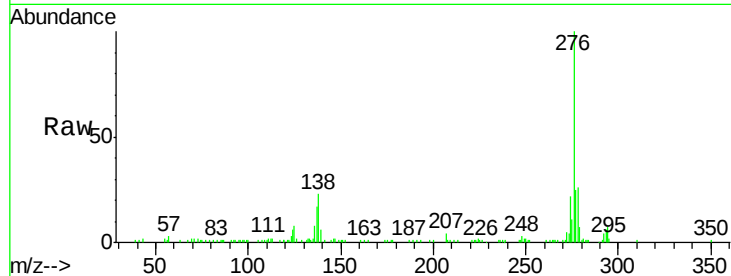
Tgt Ion:278 Resp: 36227

Ion Ratio Lower Upper

278 100

139 23.1 15.7 23.5

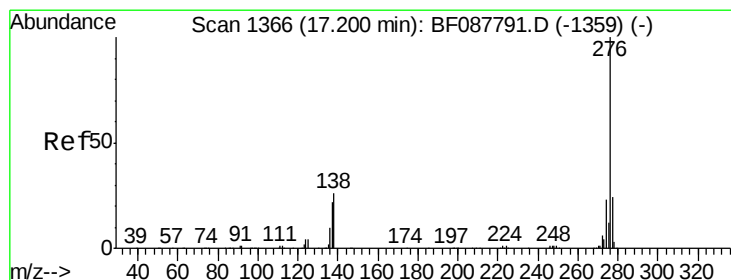
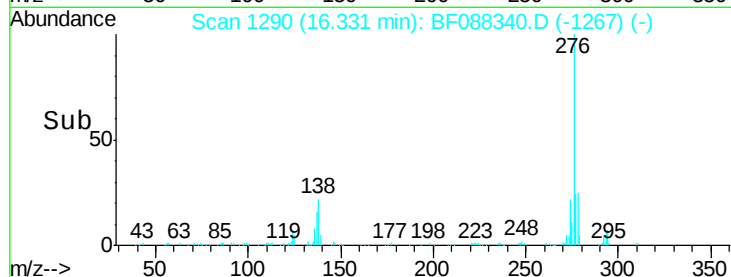
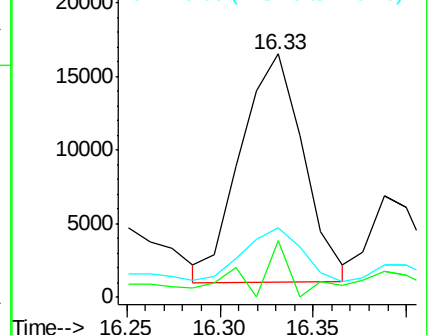
279 28.5 19.4 29.2



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: 10.07 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF088340.D

Acq: 24 Jun 2016 19:22

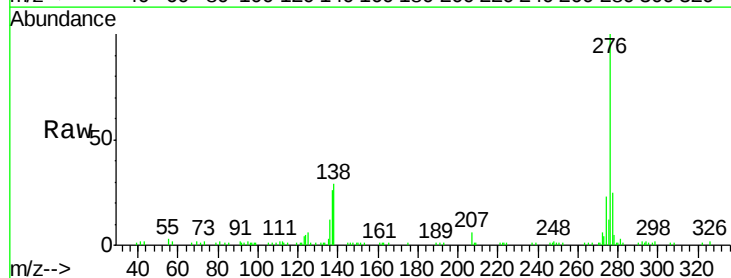
Tgt Ion:276 Resp: 90930

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 29.1 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

