

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088336.D
 Acq On : 24 Jun 2016 17:26
 Operator : UM/SJ
 Sample : H3598-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1388(0-4)

Quant Time: Jun 25 03:38:56 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	77097	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	308233	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	141350	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	253592	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	156599	20.00	ng	-0.02
86) Perylene-d12	15.09	264	168099	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	585672	129.87	ng	0.00
7) Phenol-d6	6.25	99	742341	135.82	ng	-0.01
23) Nitrobenzene-d5	7.16	82	476490	90.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	184845	123.85	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	792881	88.34	ng	-0.02
78) Terphenyl-d14	12.67	244	609380	88.55	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.26	94	11985	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	59538	17.03	ng	68
25) Isophorone	7.16	82	467444	47.81	ng	65
45) 1,1'-Biphenyl	9.05	154	5492	Below Cal		97
48) Acenaphthylene	9.48	152	34264	2.36	ng	100
49) Dimethylphthalate	9.35	163	108696	10.62	ng	99
51) Acenaphthene	9.64	154	64550	7.11	ng	98
54) Dibenzofuran	9.83	168	54205	4.34	ng	97
55) 4-Nitrophenol	9.83	139	21162	10.08	ng	# 5
56) 2,4-Dinitrotoluene	9.61	165	20596	6.83	ng	# 39
57) Fluorene	10.16	166	114600	9.79	ng	98
66) 4-Bromophenyl-phenylether	10.41	248	11668	4.29	ng	# 1
70) Phenanthrene	11.12	178	945713	71.07	ng	100
71) Anthracene	11.16	178	304363	22.67	ng	97
72) Carbazole	11.34	167	90570	7.21	ng	98
74) Fluoranthene	12.31	202	1229245	87.53	ng	100
77) Pyrene	12.54	202	1131176	97.34	ng	100
80) Benzo(a)anthracene	13.71	228	588272	65.92	ng	98
81) 3,3'-Dichlorobenzidine	13.76	252	5065	2.11	ng	# 1
82) Chrysene	13.75	228	366679	43.68	ng	97
85) Indeno(1,2,3-cd)pyrene	16.33	276	267360	34.28	ng	# 100
87) Benzo(b)fluoranthene	14.72	252	752374	64.22	ng	# 94
88) Benzo(k)fluoranthene	14.72	252	752374	85.13	ng	99
89) Benzo(a)pyrene	15.03	252	410708	43.33	ng	98
90) Dibenzo(a,h)anthracene	16.47	278	59203	6.72	ng	95
91) Benzo(g,h,i)perylene	16.71	276	238023	26.28	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

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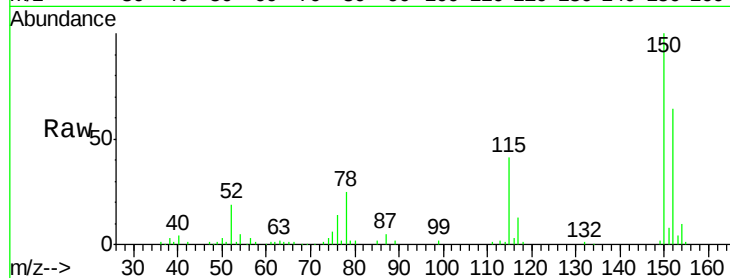
Tgt Ion:152 Resp: 77097

Ion Ratio Lower Upper

152 100

150 156.8 123.8 185.6

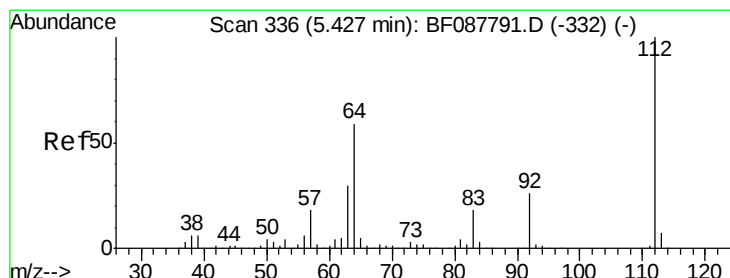
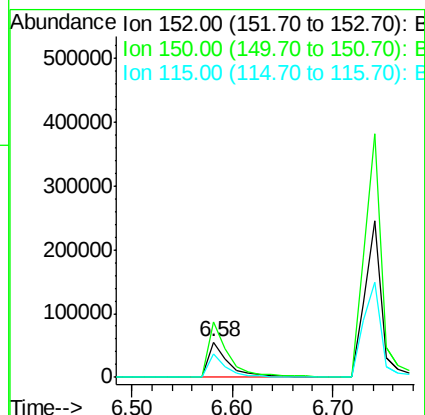
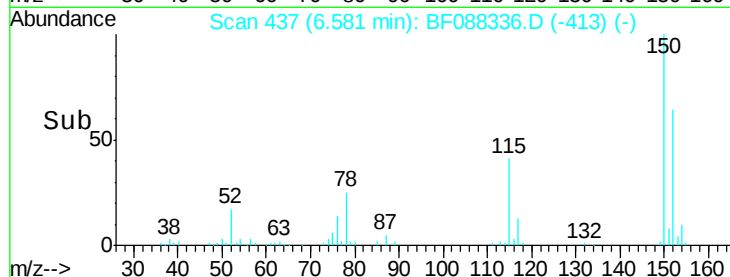
115 64.9 39.6 59.4#



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: 129.87 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.00 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

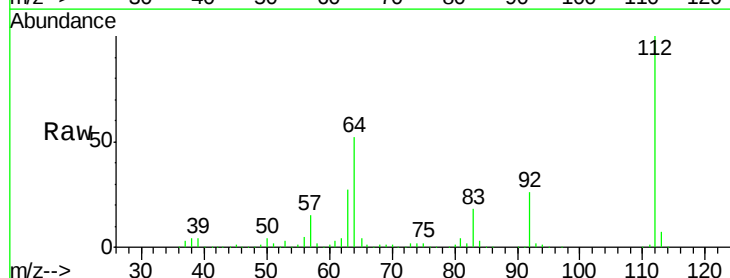
Tgt Ion:112 Resp: 585672

Ion Ratio Lower Upper

112 100

64 52.2 42.2 63.2

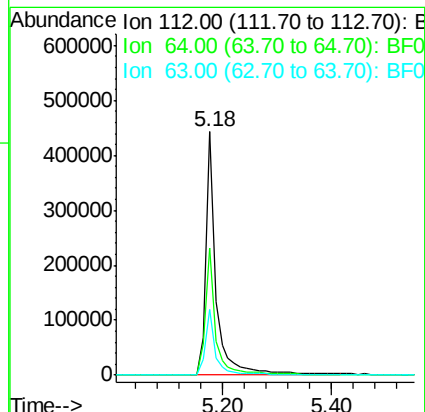
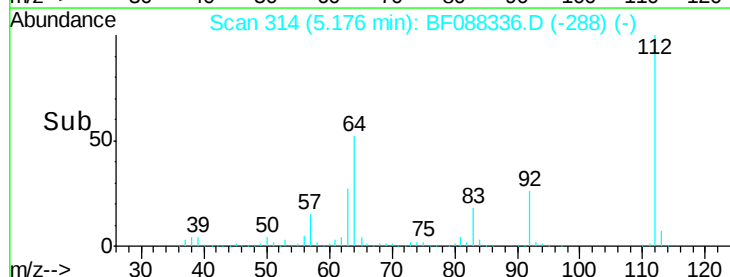
63 27.1 21.8 32.8



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: 135.82 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)

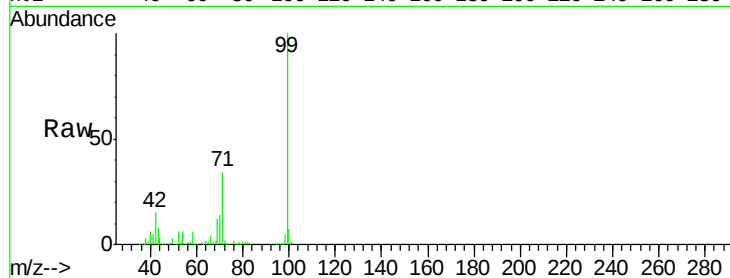
Tgt Ion: 99 Resp: 742341

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

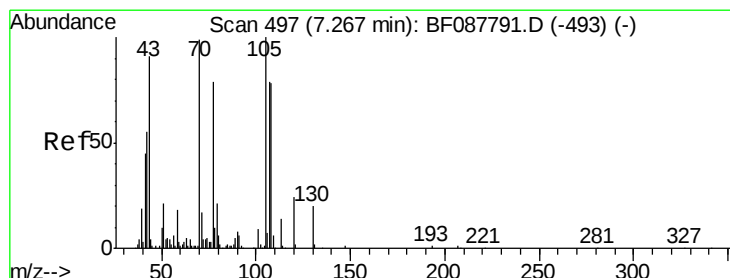
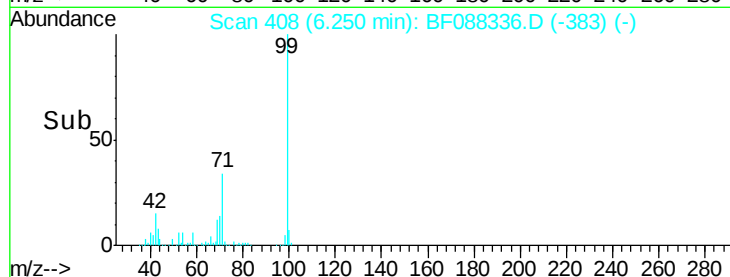
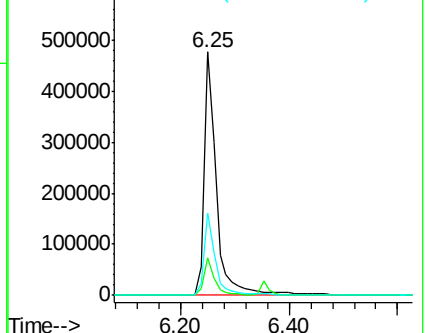
71 33.6 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.03 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

Tgt Ion: 70 Resp: 59538

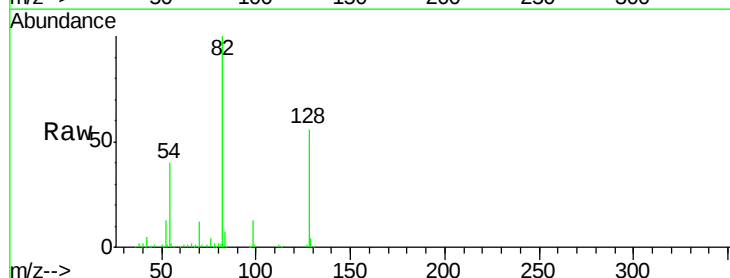
Ion Ratio Lower Upper

70 100

42 37.1 49.6 74.4#

101 0.0 7.1 10.7#

130 3.0 15.4 23.2#

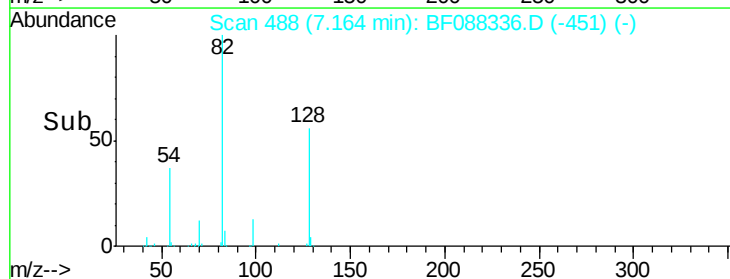
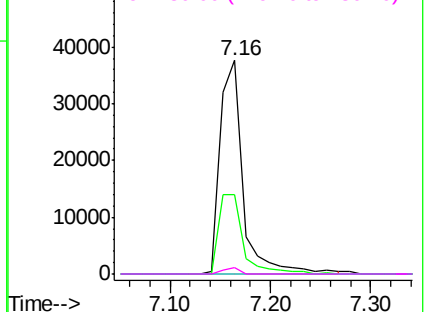


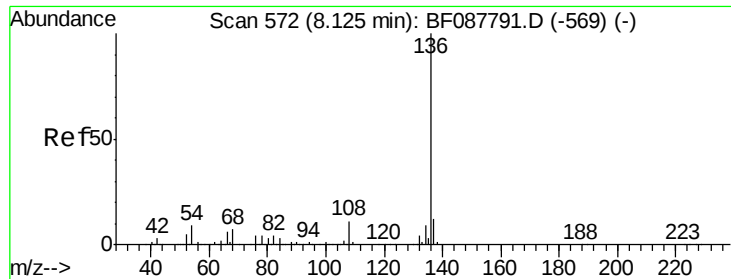
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

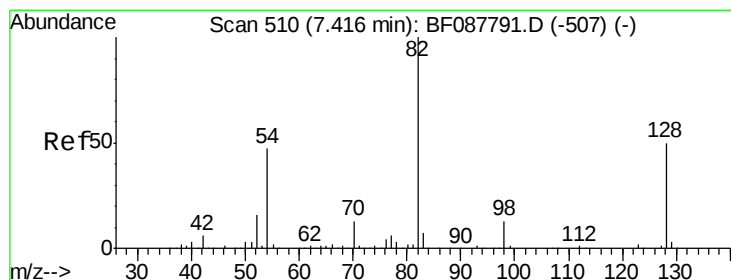
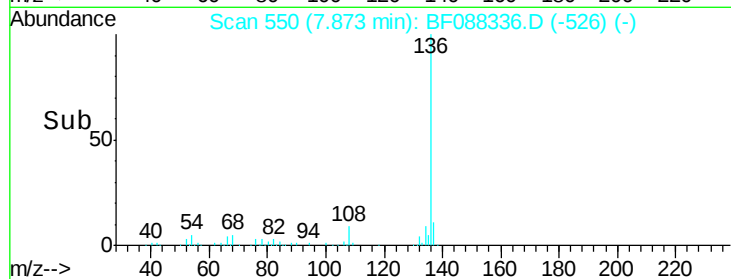
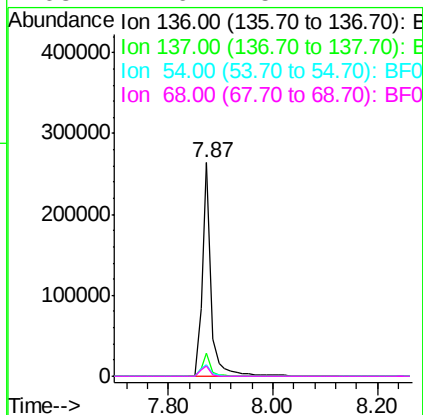
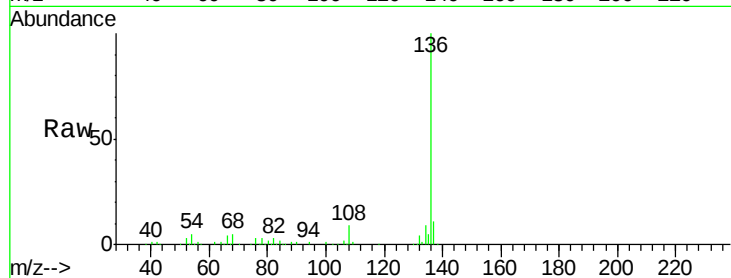




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088336.D
Acq: 24 Jun 2016 17:26

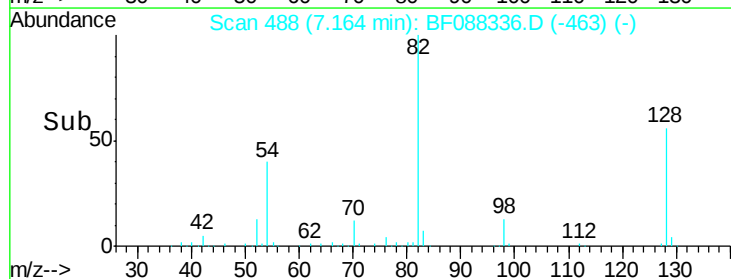
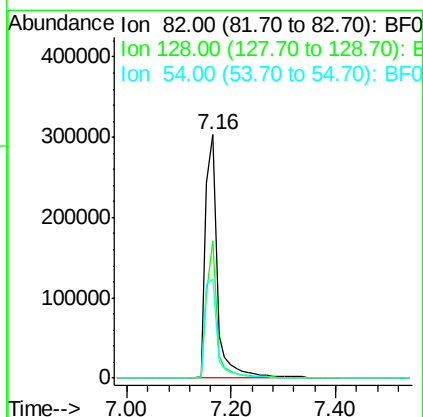
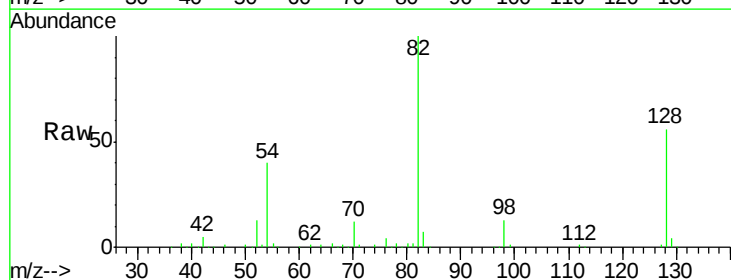
Instrument :
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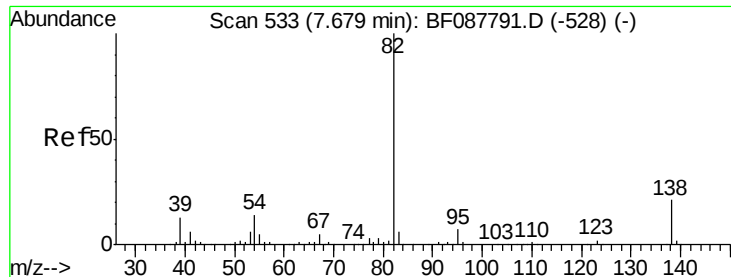
Tgt Ion:	136	Resp:	308233
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.3	6.6	10.0#
68	4.6	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 90.27 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088336.D
Acq: 24 Jun 2016 17:26

Tgt Ion:	82	Resp:	476490
Ion	Ratio	Lower	Upper
82	100		
128	56.4	35.9	53.9#
54	40.4	40.9	61.3#





#25

Isophorone

Concen: 47.81 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)

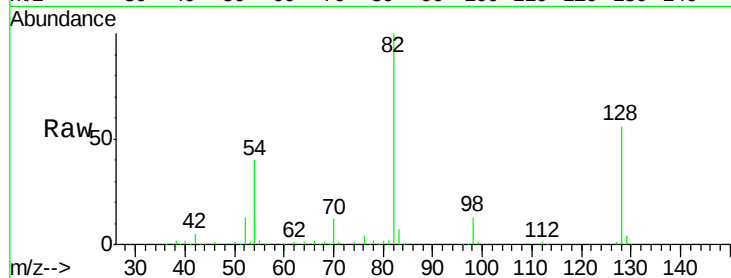
Tgt Ion: 82 Resp: 467444

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

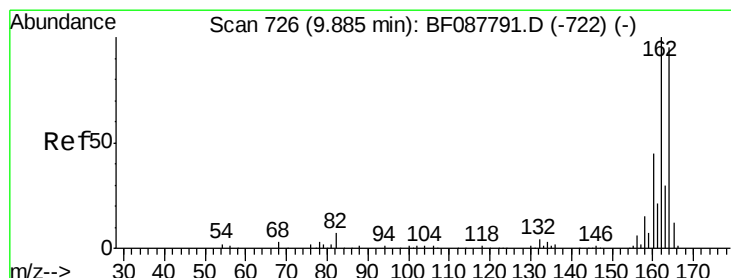
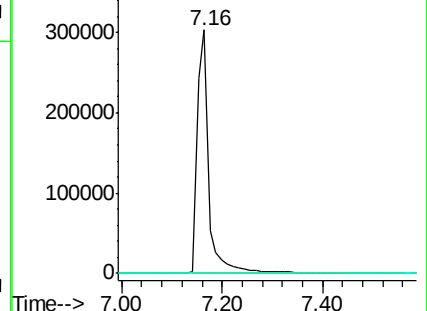
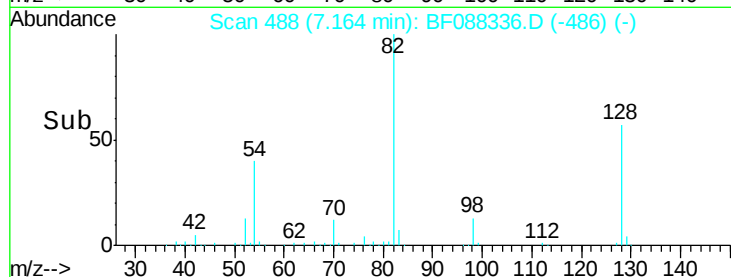
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088336.D (-486) (-)

Ion 95.00 (94.70 to 95.70): BF088336.D (-486) (-)

Ion 138.00 (137.70 to 138.70): BF088336.D (-486) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

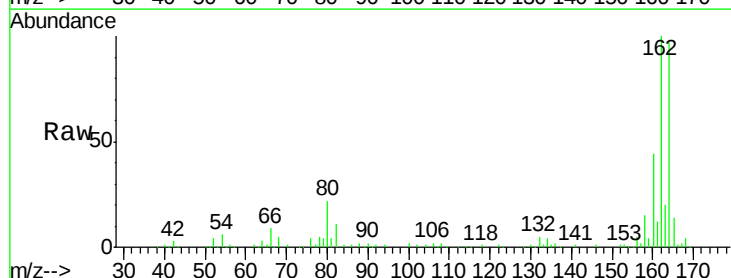
Tgt Ion: 164 Resp: 141350

Ion Ratio Lower Upper

164 100

162 103.4 85.4 128.2

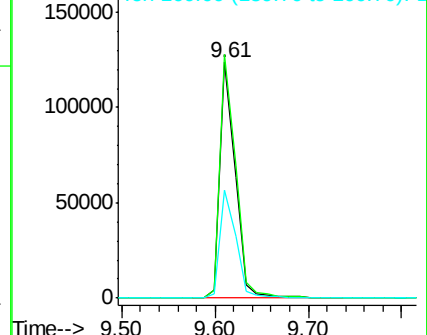
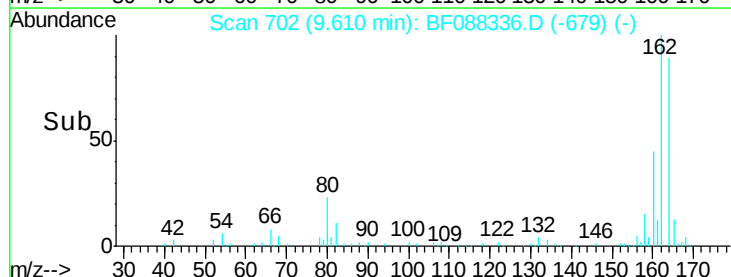
160 45.8 39.5 59.3

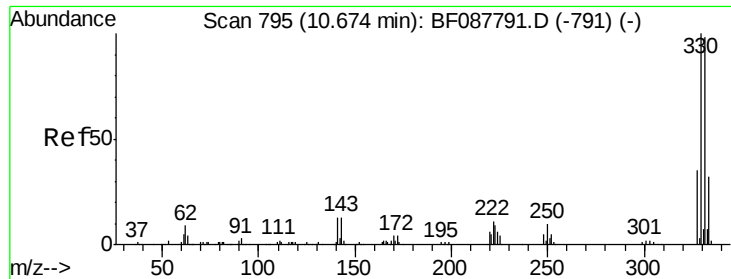


Abundance Ion 164.00 (163.70 to 164.70): BF088336.D (-679) (-)

Ion 162.00 (161.70 to 162.70): BF088336.D (-679) (-)

Ion 160.00 (159.70 to 160.70): BF088336.D (-679) (-)

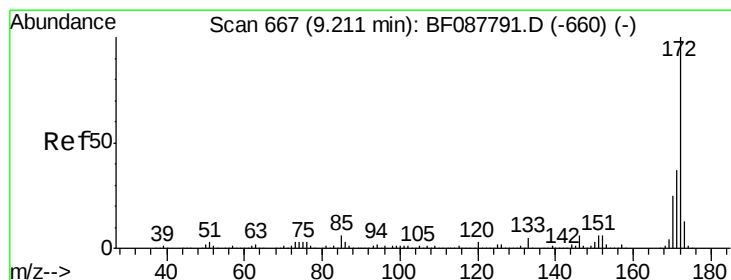
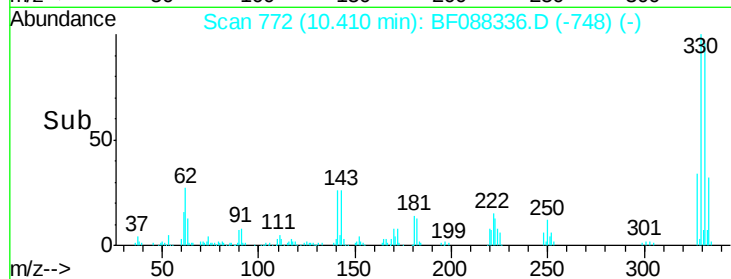
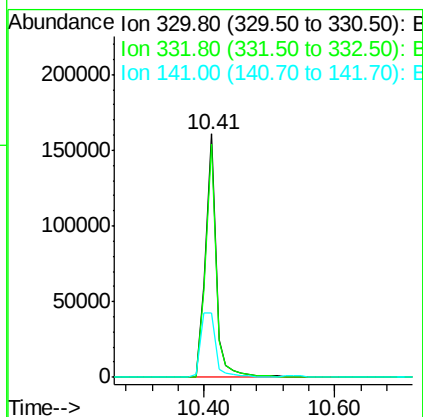
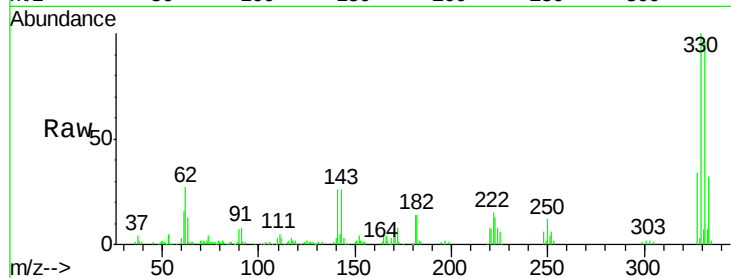




#41
 2,4,6-Tribromophenol
 Concen: 123.85 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088336.D
 Acq: 24 Jun 2016 17:26

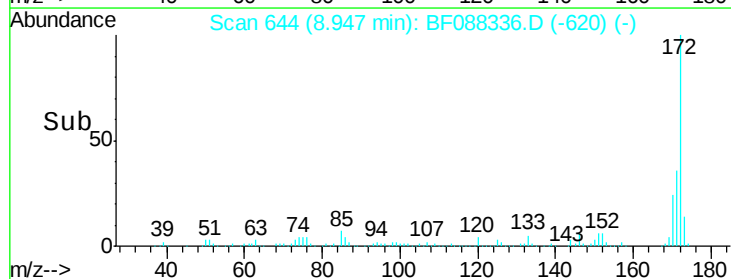
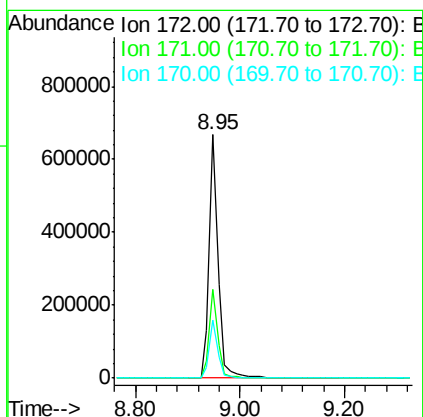
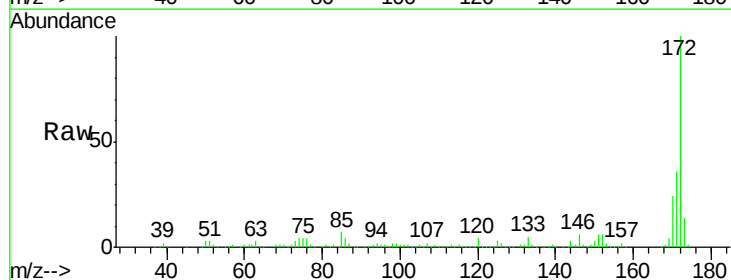
Instrument :
 BNA_F
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	37.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 88.34 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088336.D
 Acq: 24 Jun 2016 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.0	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: BF088336.D

Acq: 24 Jun 2016 17:26

Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)

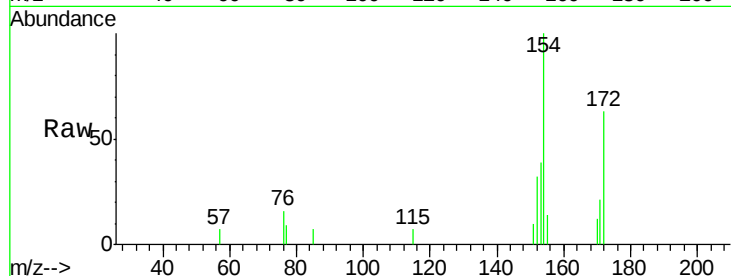
Tgt Ion:154 Resp: 5492

Ion Ratio Lower Upper

154 100

153 38.8 20.6 60.6

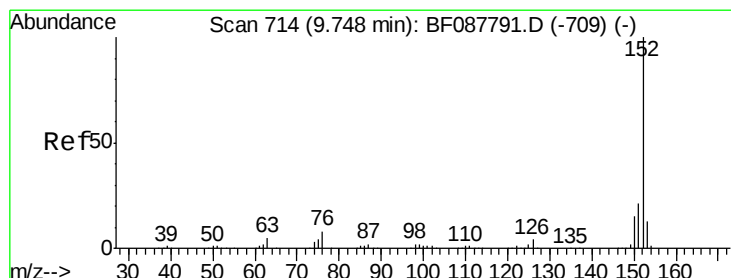
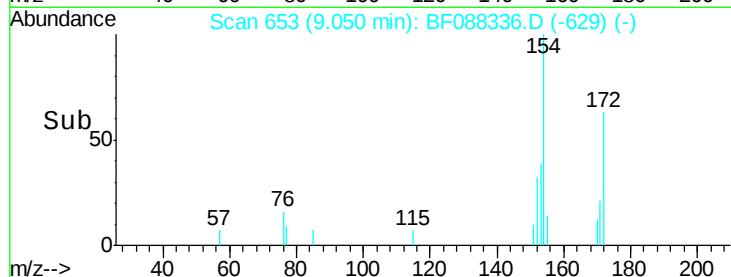
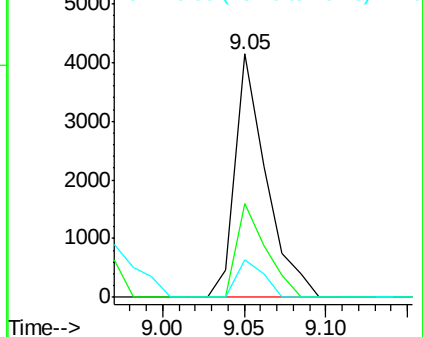
76 15.6 0.0 35.1



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): E



#48

Acenaphthylene

Concen: 2.36 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

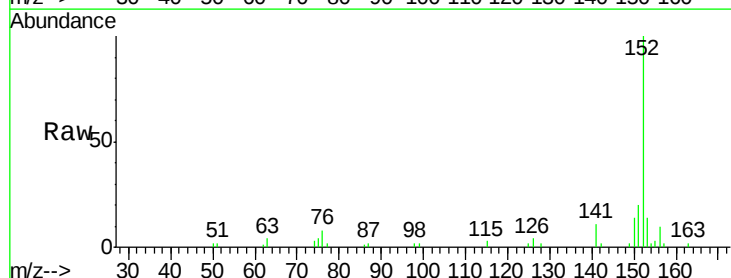
Tgt Ion:152 Resp: 34264

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

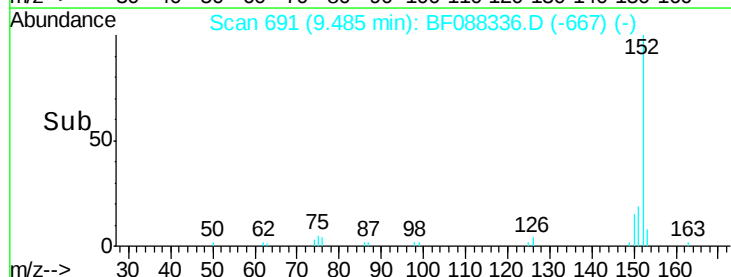
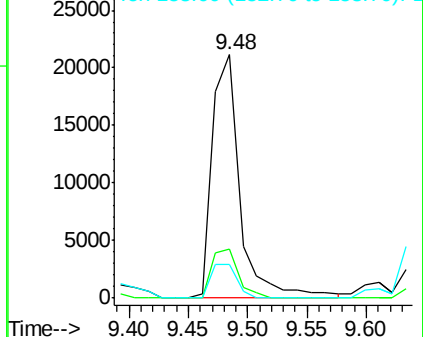
153 13.9 11.0 16.6

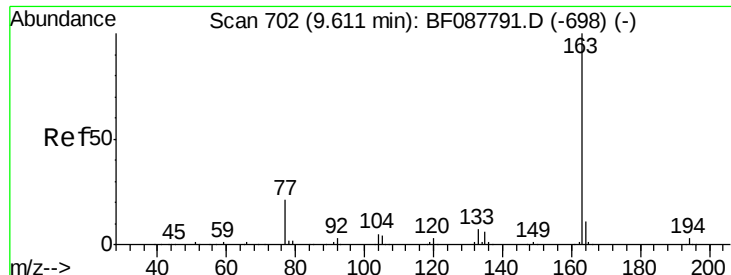


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 10.62 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)

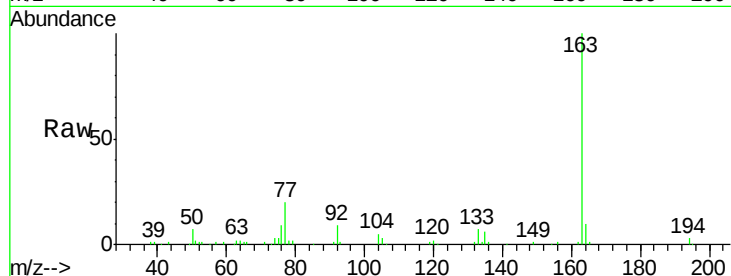
Tgt Ion:163 Resp: 108696

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

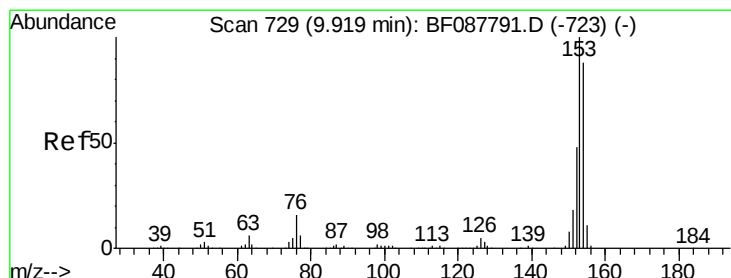
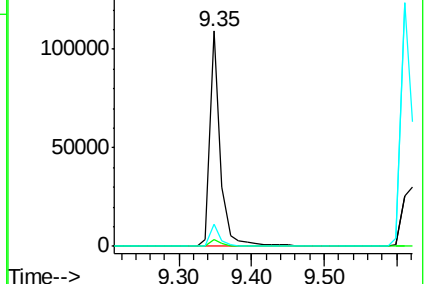
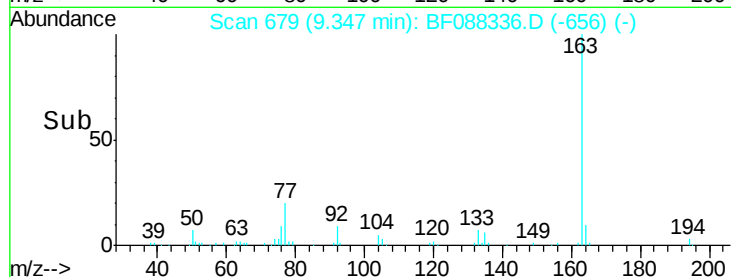
164 10.1 8.3 12.5



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



#51

Acenaphthene

Concen: 7.11 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

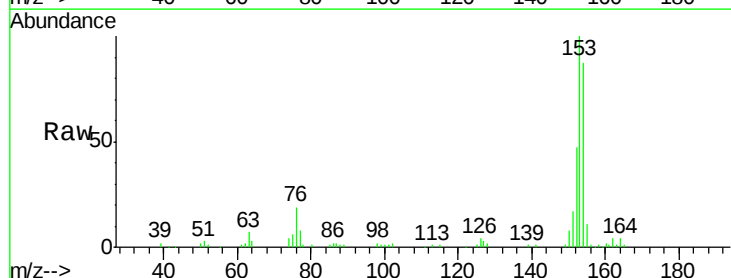
Tgt Ion:154 Resp: 64550

Ion Ratio Lower Upper

154 100

153 115.1 89.5 134.3

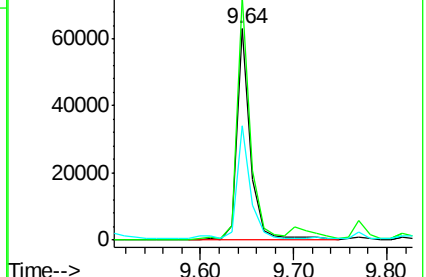
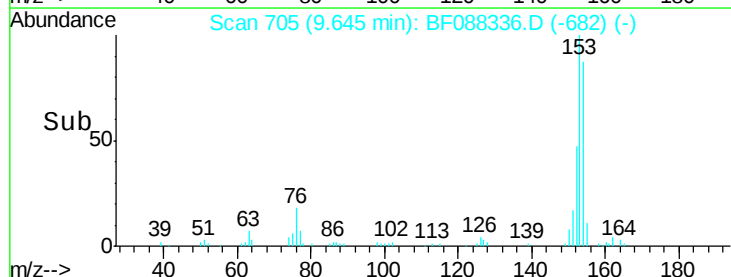
152 54.2 42.7 64.1

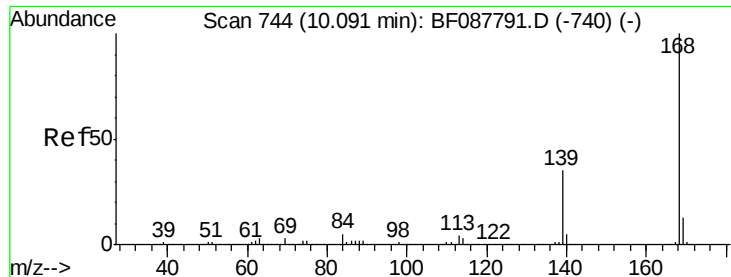


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

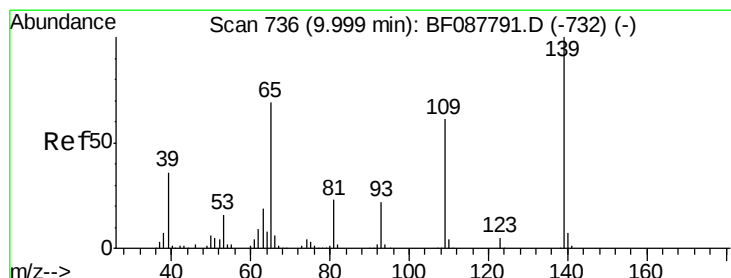
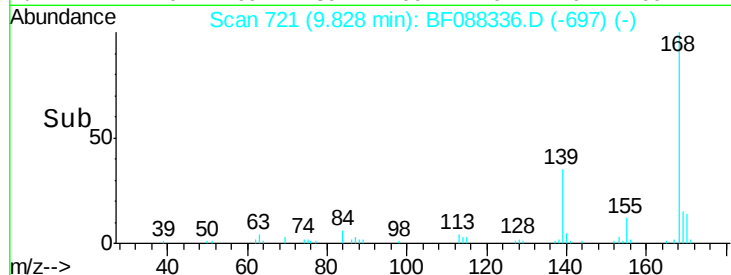
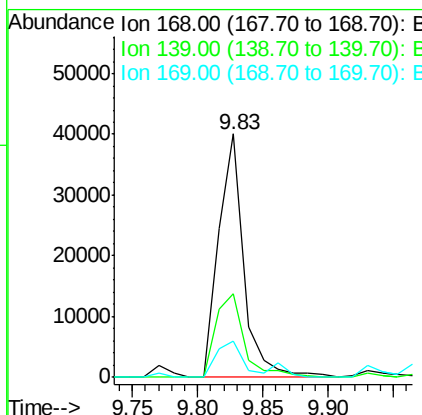
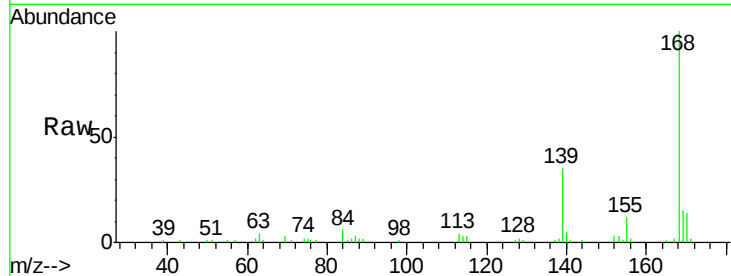




#54
Dibenzenofuran
Concen: 4.34 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088336.D
Acq: 24 Jun 2016 17:26

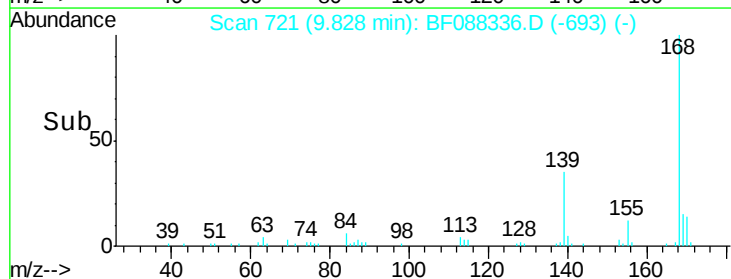
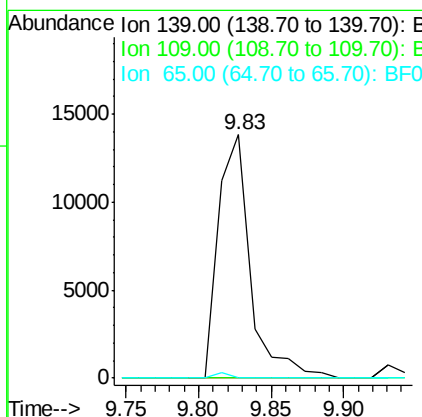
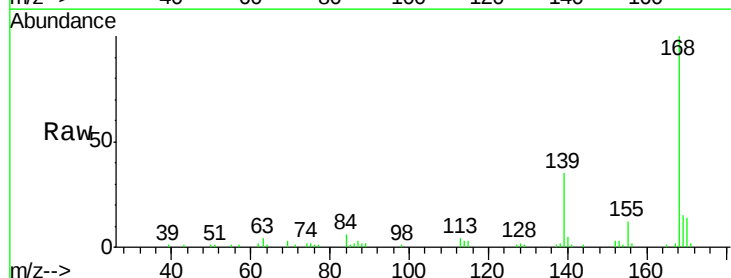
Instrument :
BNA_F
ClientSampleId :
PM-STA-1388(0-4)

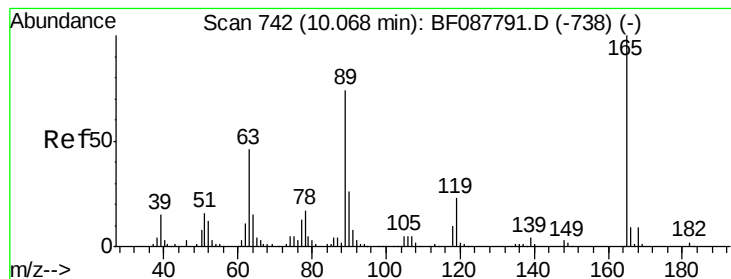
Tgt Ion:168 Resp: 54205
Ion Ratio Lower Upper
168 100
139 34.5 26.4 39.6
169 15.1 10.4 15.6



#55
4-Nitrophenol
Concen: 10.08 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.02 min
Lab File: BF088336.D
Acq: 24 Jun 2016 17:26

Tgt Ion:139 Resp: 21162
Ion Ratio Lower Upper
139 100
109 0.0 48.9 88.9#
65 0.0 84.9 124.9#





#56

2,4-Dinitrotoluene

Concen: 6.83 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.24 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)

Tgt Ion:165 Resp: 20596

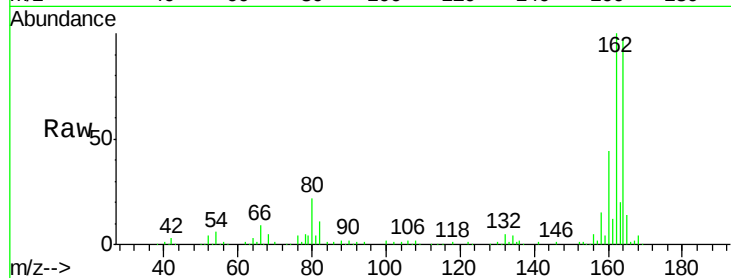
Ion Ratio Lower Upper

165 100

63 2.4 22.0 33.0#

89 1.8 41.1 61.7#

182 0.0 2.0 3.0#

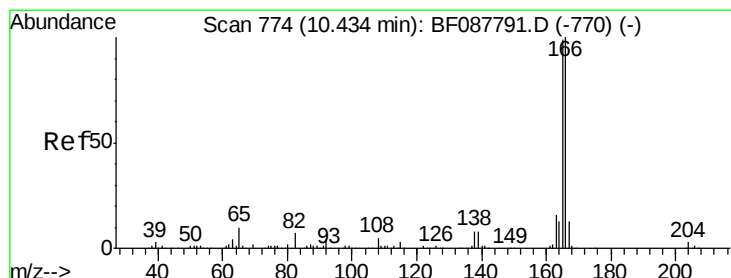
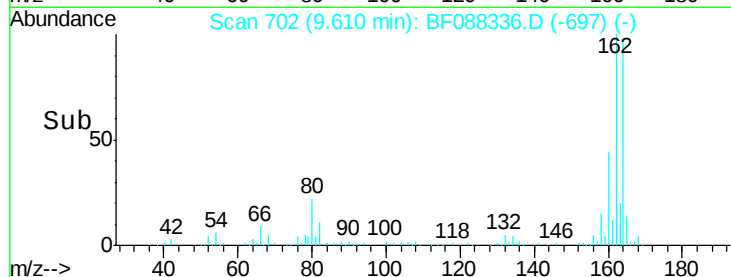
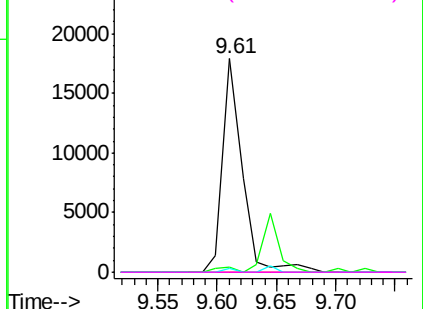


Abundance Ion 165.00 (164.70 to 165.70): E

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: 9.79 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

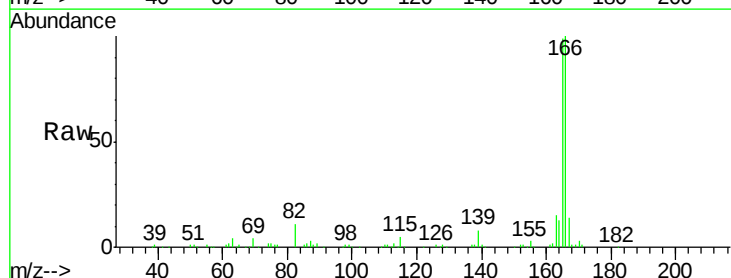
Tgt Ion:166 Resp: 114600

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

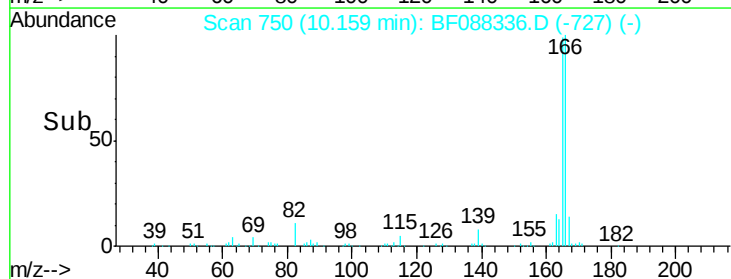
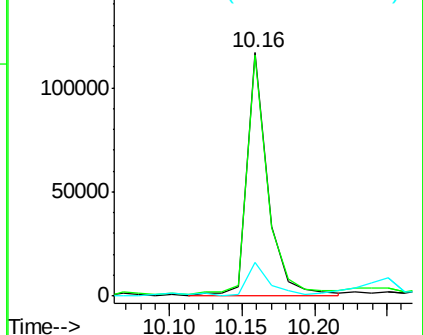
167 13.7 11.2 16.8

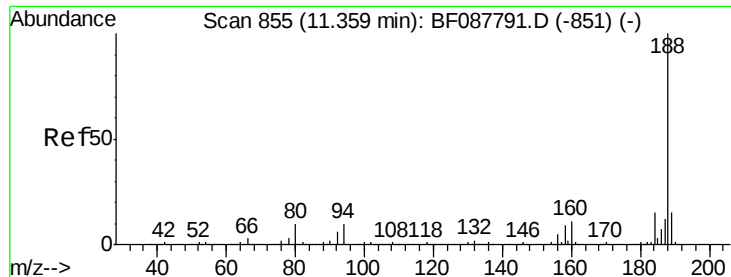


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

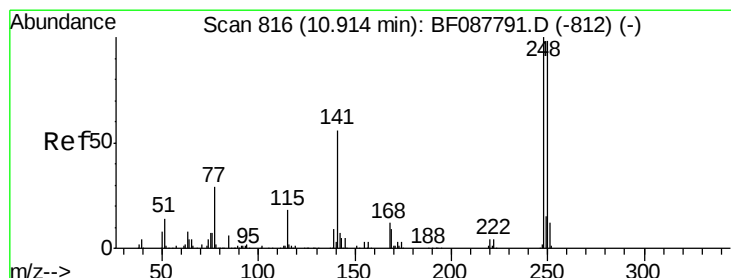
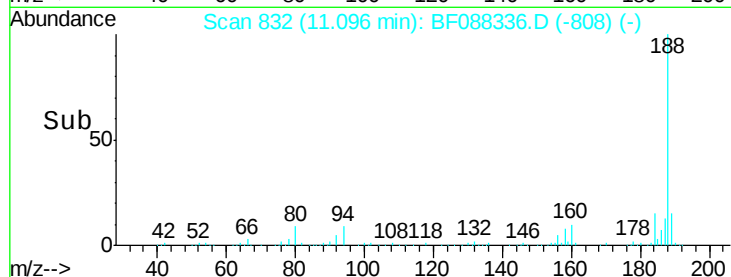
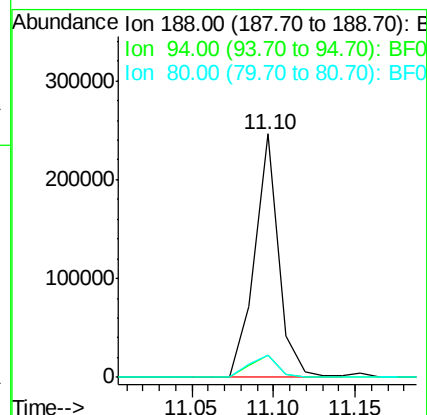
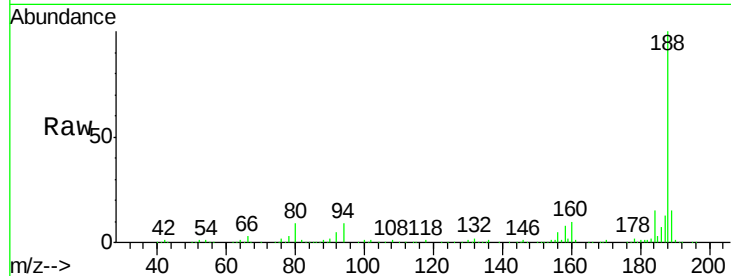




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088336.D
Acq: 24 Jun 2016 17:26

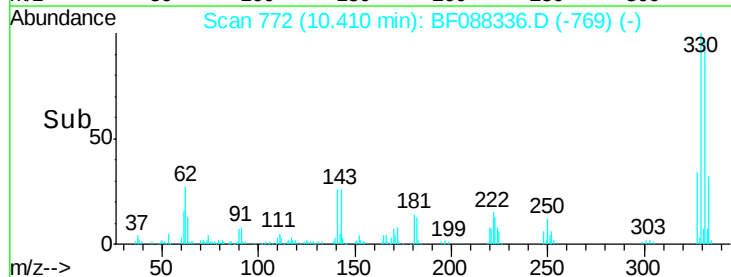
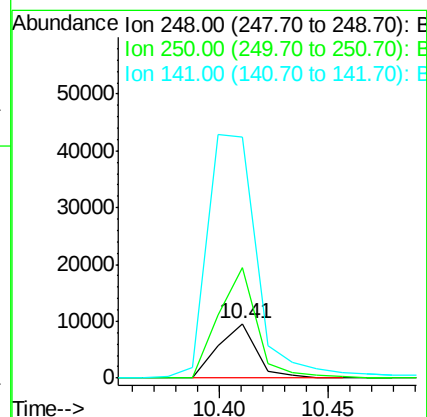
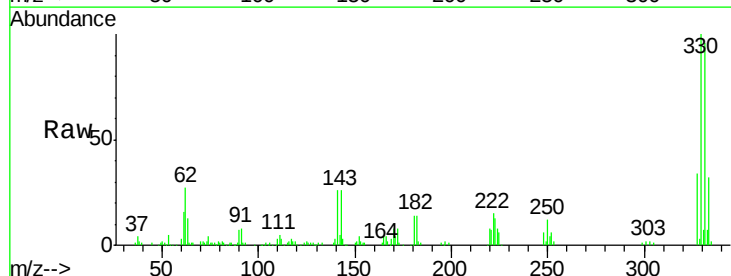
Instrument :
BNA_F
ClientSampleId :
PM-STA-1388(0-4)

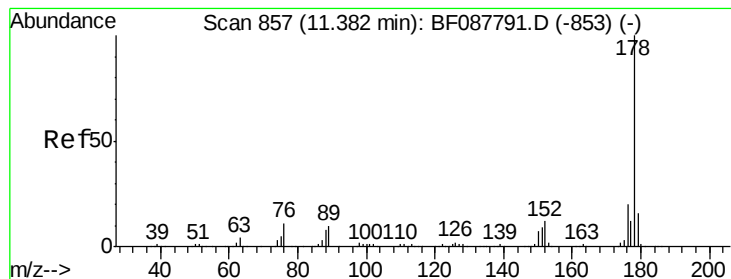
Tgt Ion:188 Resp: 253592
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.6#
80 8.9 10.0 15.0#



#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.26 min
Lab File: BF088336.D
Acq: 24 Jun 2016 17:26

Tgt Ion:248 Resp: 11668
Ion Ratio Lower Upper
248 100
250 202.0 77.1 115.7#
141 442.4 50.6 76.0#





#70

Phenanthrene

Concen: 71.07 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)

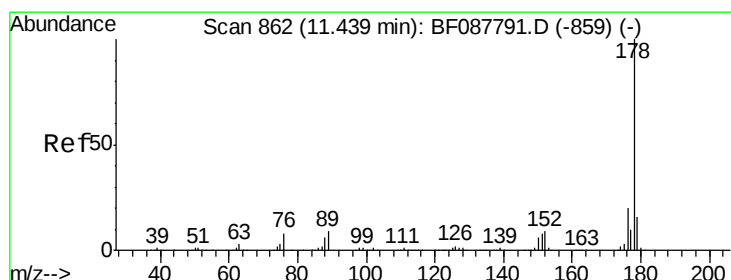
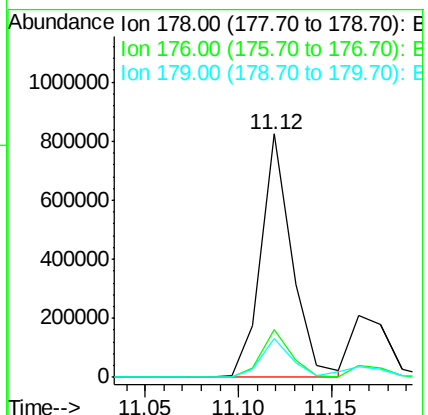
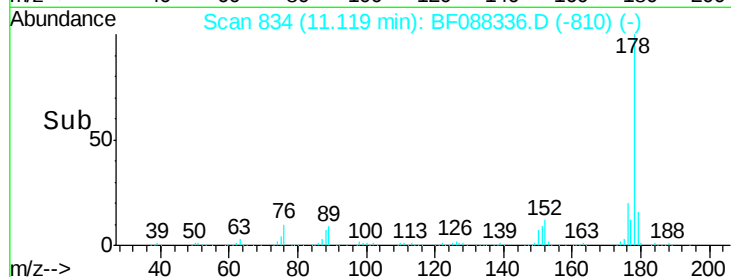
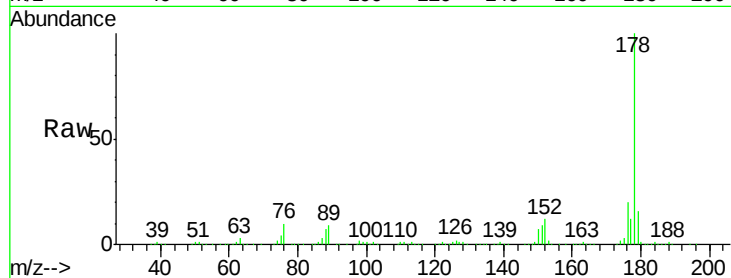
Tgt Ion:178 Resp: 945713

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 16.0 13.0 19.4



#71

Anthracene

Concen: 22.67 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

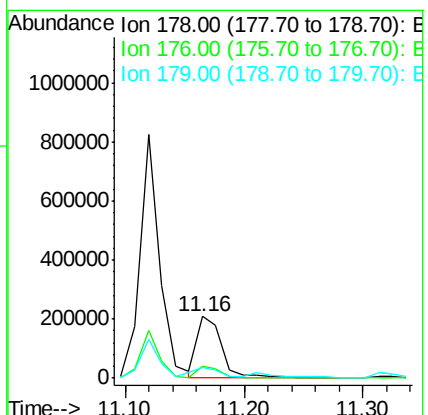
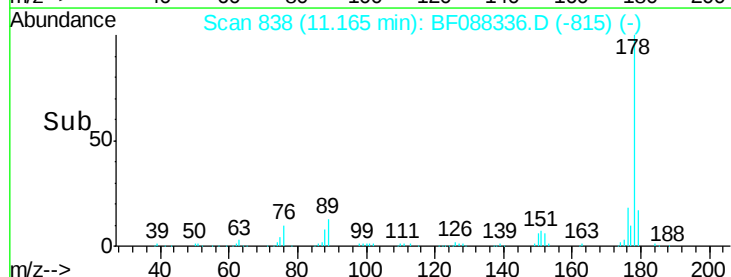
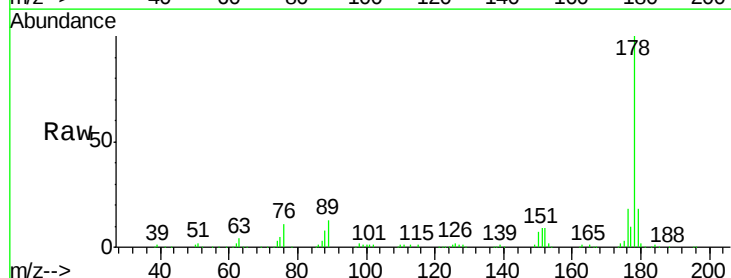
Tgt Ion:178 Resp: 304363

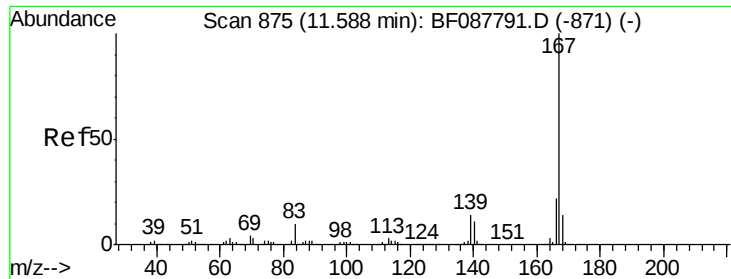
Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

179 17.5 12.8 19.2





#72

Carbazole

Concen: 7.21 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)

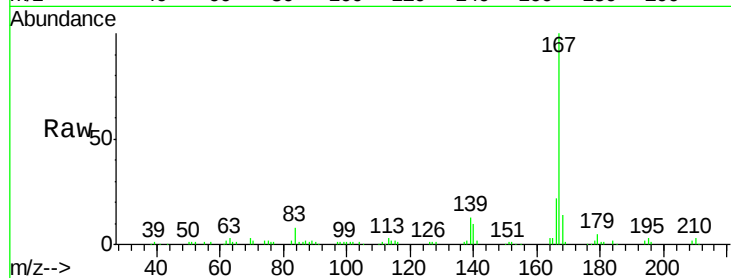
Tgt Ion:167 Resp: 90570

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

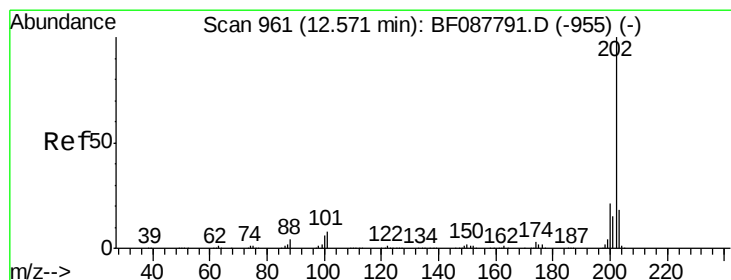
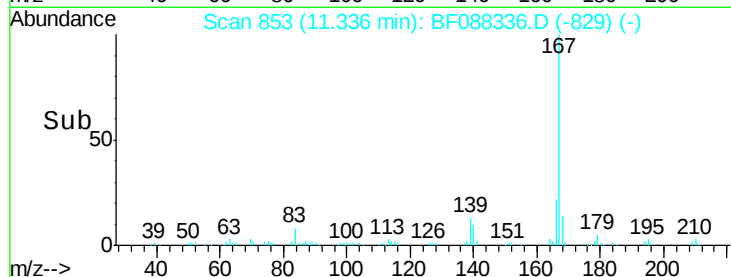
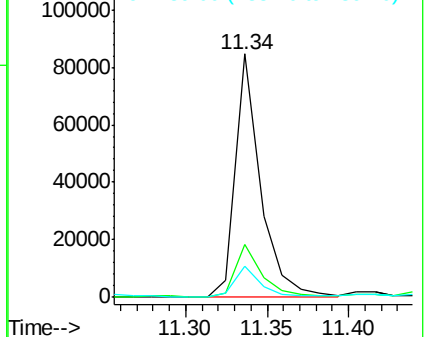
139 12.8 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 87.53 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

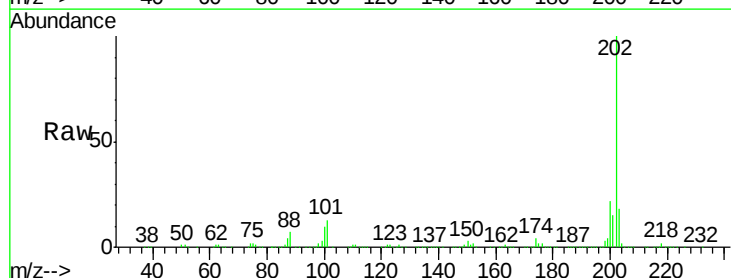
Tgt Ion:202 Resp: 1229245

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.1

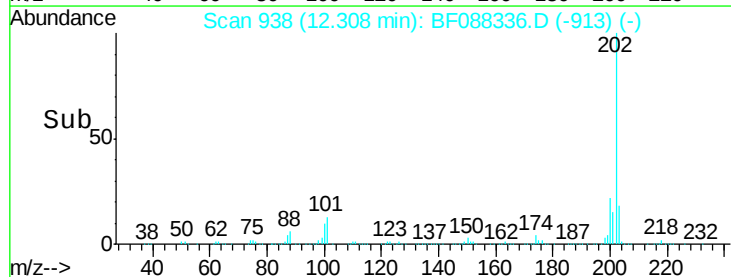
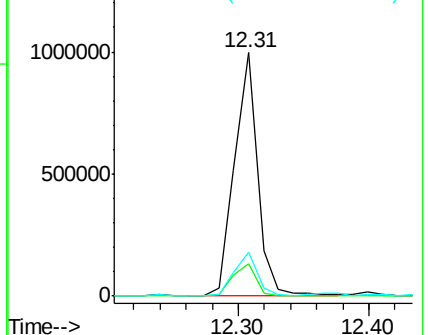
203 18.3 0.0 38.1

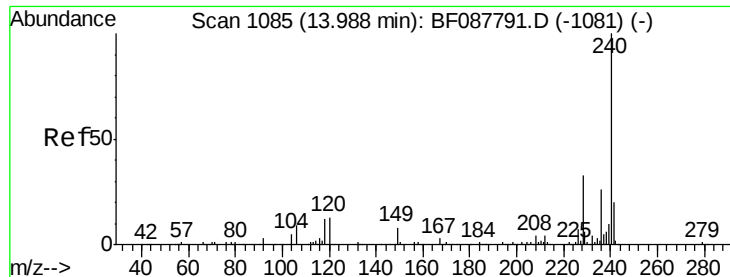


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF088336.D

Acq: 24 Jun 2016 17:26

Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)

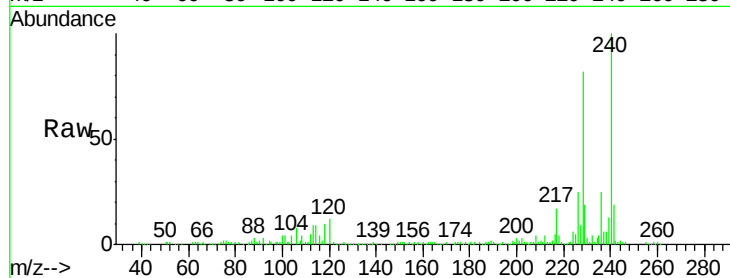
Tgt Ion:240 Resp: 156599

Ion Ratio Lower Upper

240 100

120 11.7 6.8 10.2#

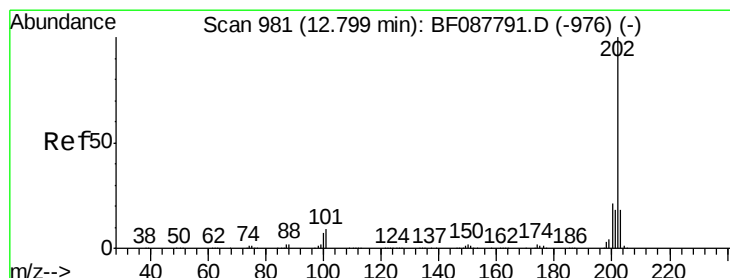
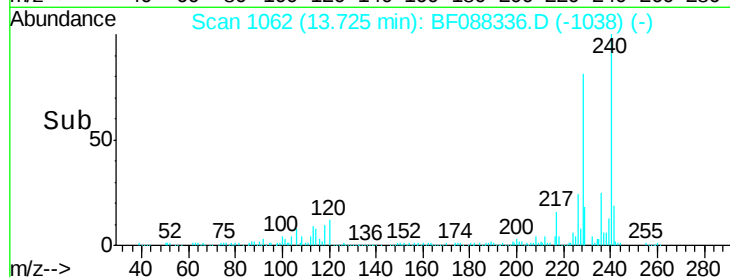
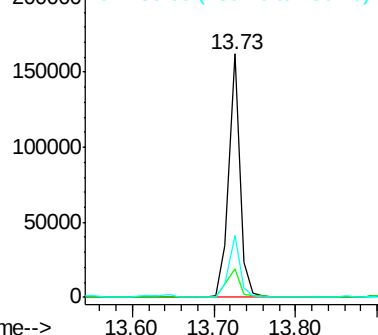
236 25.3 20.2 30.2



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: 97.34 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

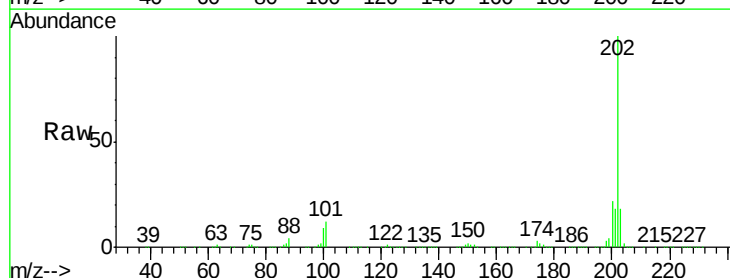
Tgt Ion:202 Resp: 1131176

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

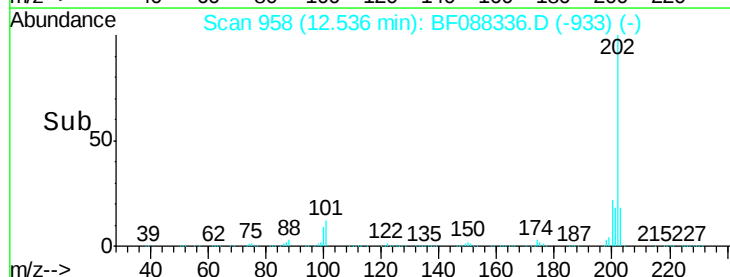
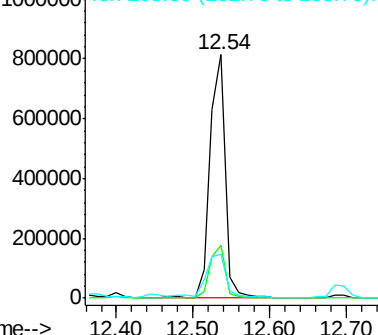
203 17.8 14.5 21.7

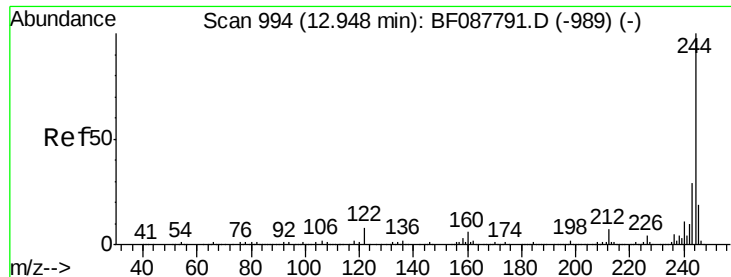


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

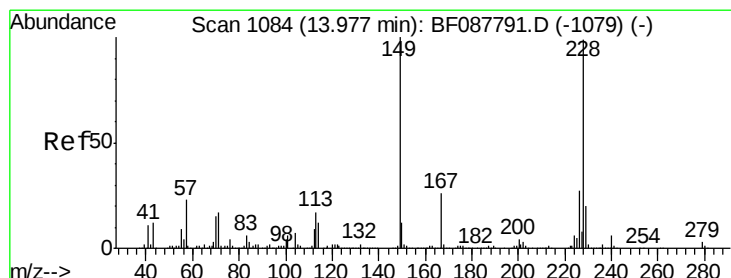
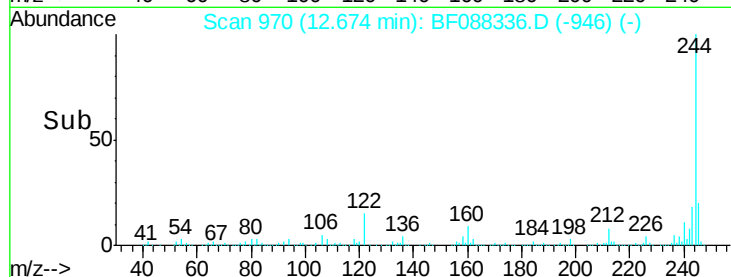
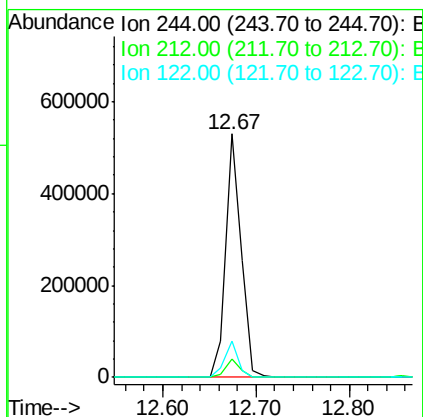
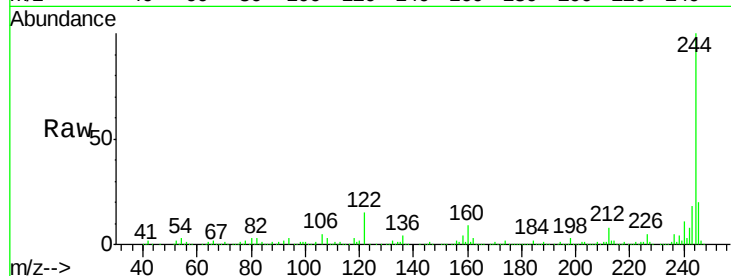




#78
 Terphenyl-d14
 Concen: 88.55 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088336.D
 Acq: 24 Jun 2016 17:26

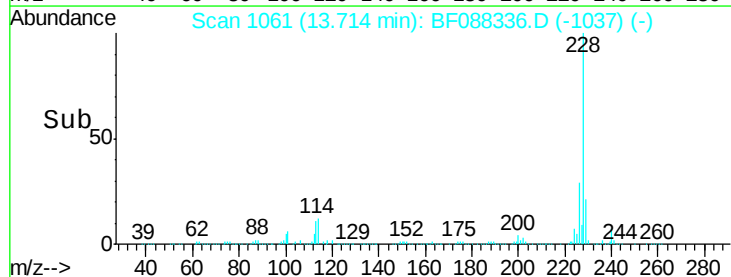
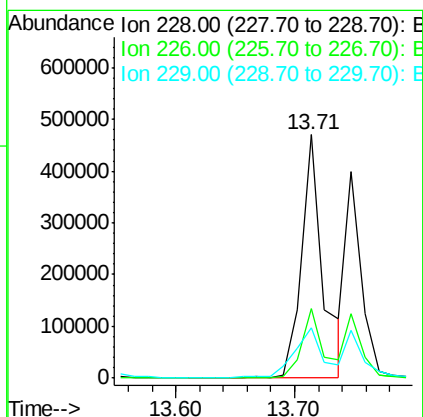
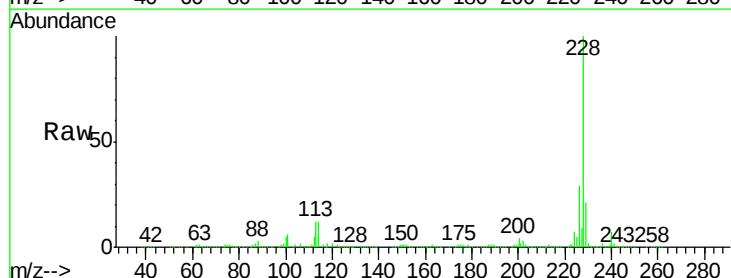
Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1388(0-4)

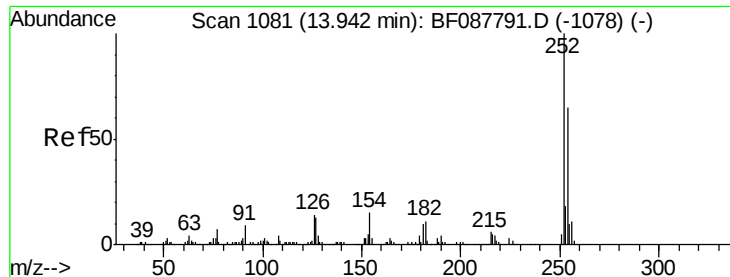
Tgt Ion:244 Resp: 609380
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 15.0 11.2 16.8



#80
 Benzo(a)anthracene
 Concen: 65.92 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF088336.D
 Acq: 24 Jun 2016 17:26

Tgt Ion:228 Resp: 588272
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.3 33.5
 229 20.9 16.0 24.0

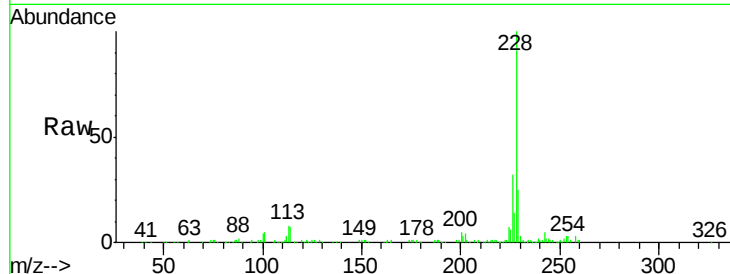




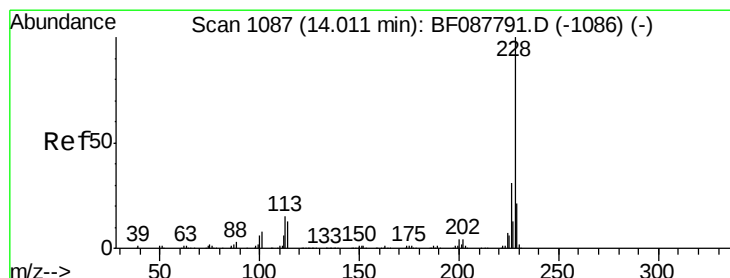
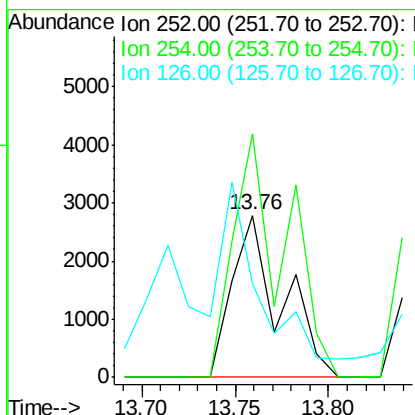
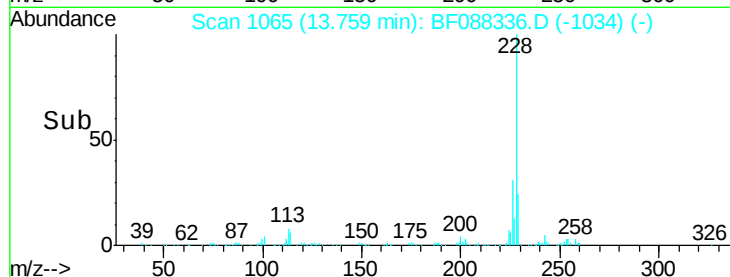
#81
 3,3'-Dichlorobenzidine
 Concen: 2.11 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.06 min
 Lab File: BF088336.D
 Acq: 24 Jun 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1388(0-4)

Tgt Ion: 252 Resp: 5065
 Ion Ratio Lower Upper
 252 100
 254 150.6 52.6 78.8#
 126 57.7 6.2 9.2#

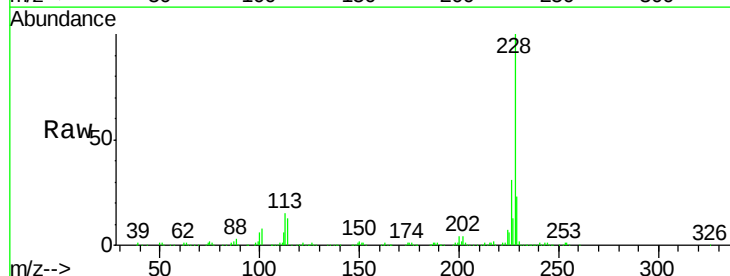


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

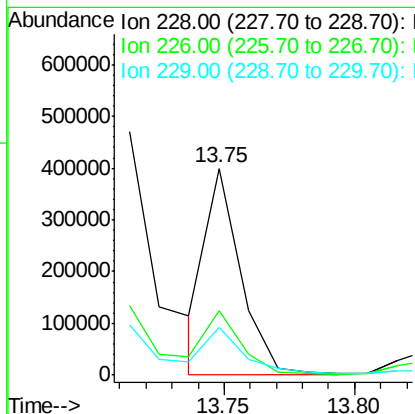
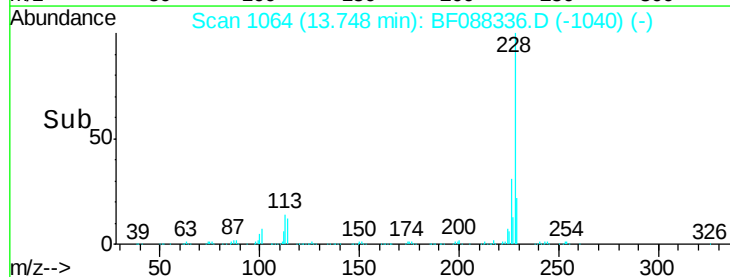


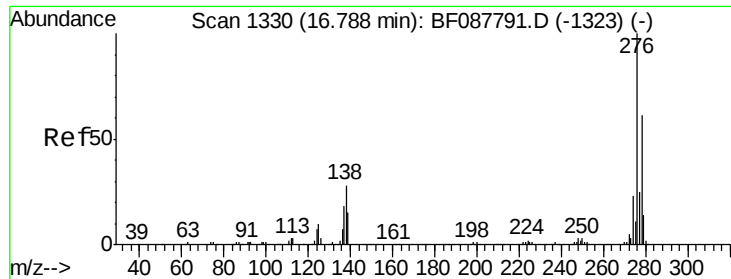
#82
 Chrysene
 Concen: 43.68 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.02 min
 Lab File: BF088336.D
 Acq: 24 Jun 2016 17:26

Tgt Ion: 228 Resp: 366679
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.2
 229 22.8 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

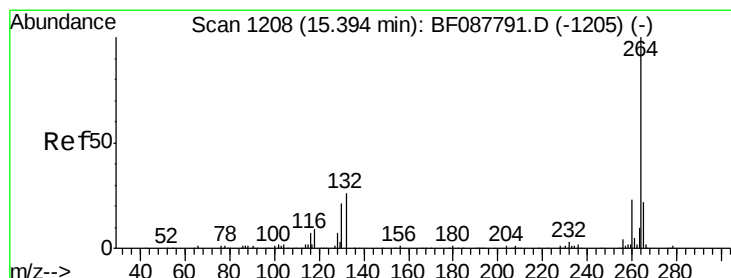
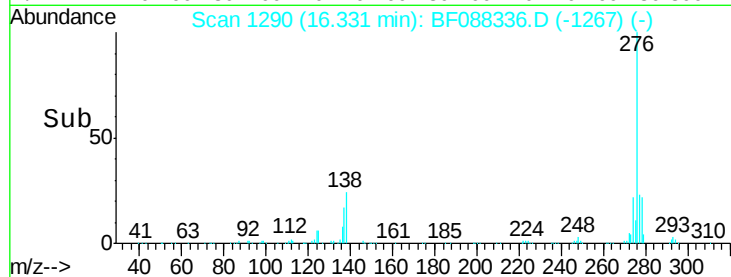
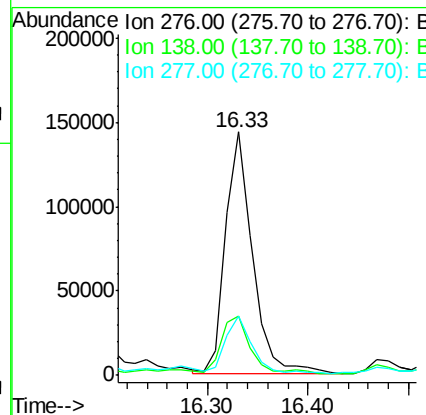
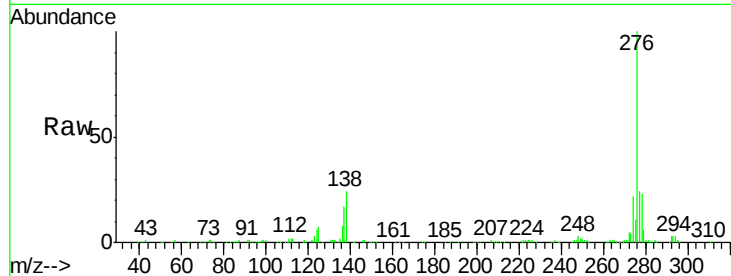




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.28 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF088336.D
Acq: 24 Jun 2016 17:26

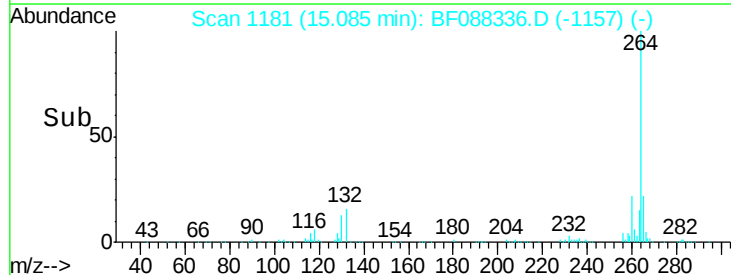
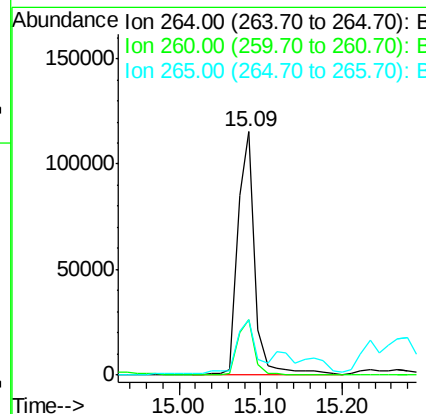
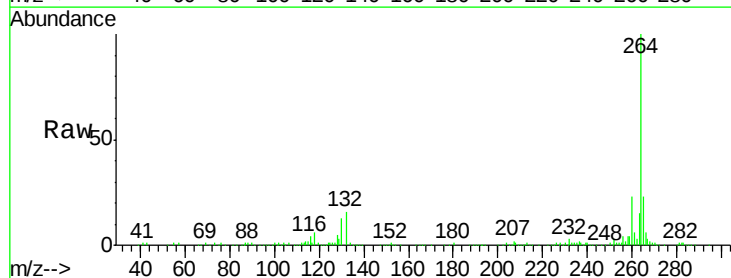
Instrument :
BNA_F
ClientSampleId :
PM-STA-1388(0-4)

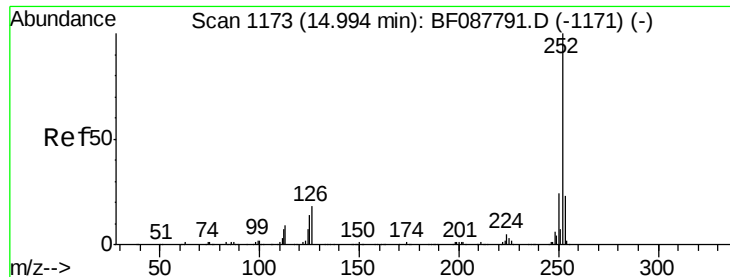
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	0.0	0.0#
277	23.2	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF088336.D
Acq: 24 Jun 2016 17:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.6	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 64.22 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

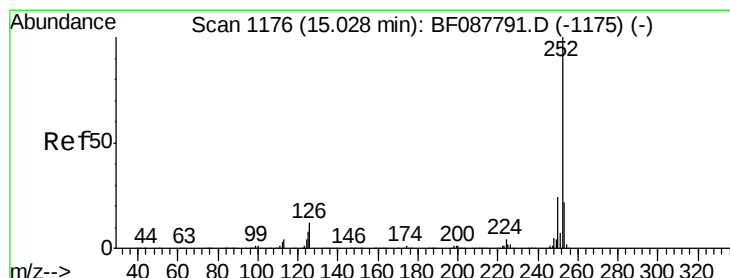
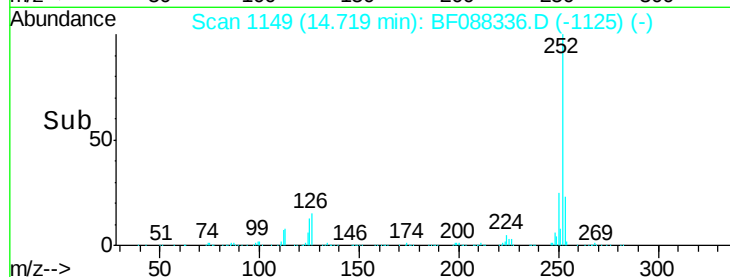
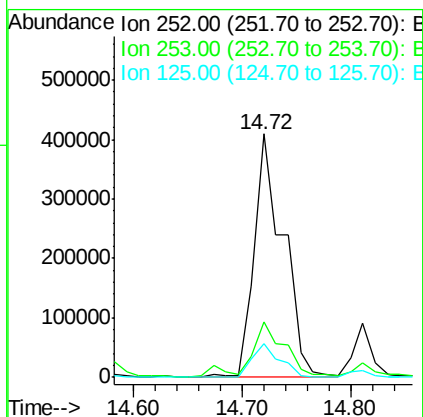
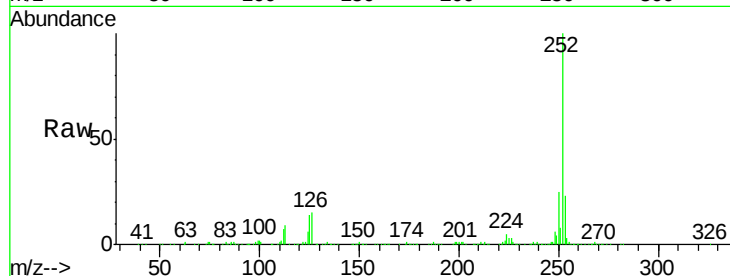
Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)

Tgt Ion:	252	Resp:	752374
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	13.6	7.1	10.7#



#88

Benzo(k)fluoranthene

Concen: 85.13 ng

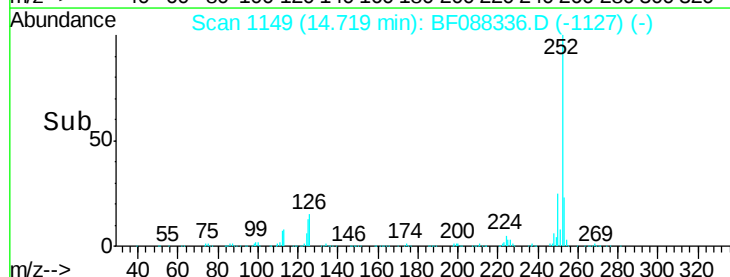
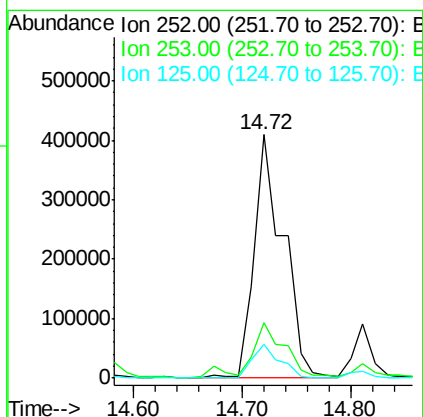
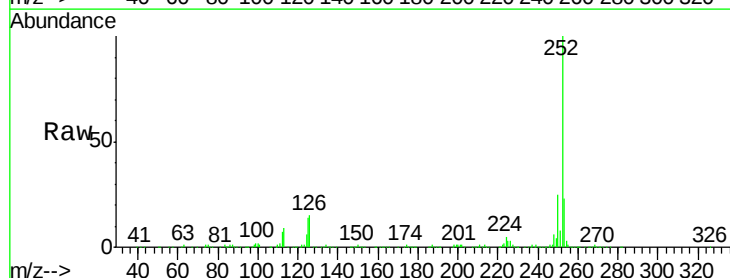
RT: 14.72 min Scan# 1149

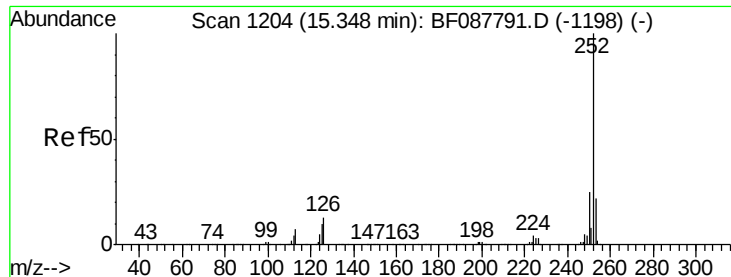
Delta R.T. -0.05 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

Tgt Ion:	252	Resp:	752374
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.6	11.2	16.8





#89

Benzo(a)pyrene

Concen: 43.33 ng

RT: 15.03 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)

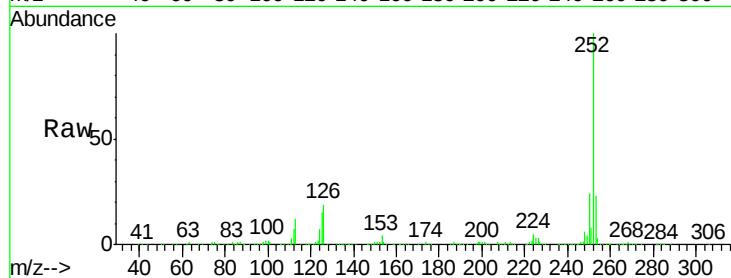
Tgt Ion:252 Resp: 410708

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

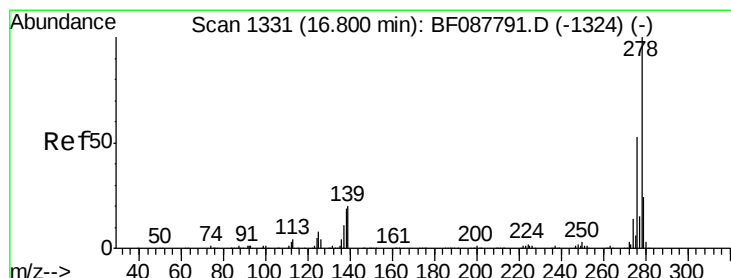
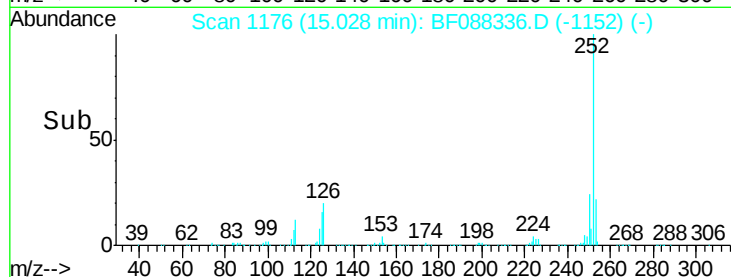
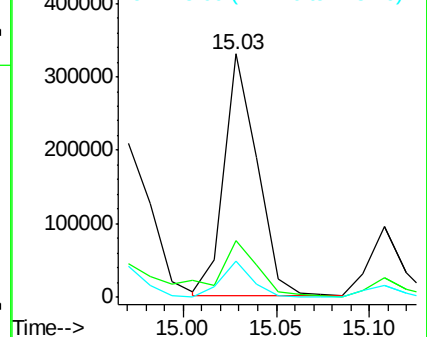
125 14.9 12.5 18.7



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: 6.72 ng

RT: 16.47 min Scan# 1302

Delta R.T. 0.10 min

Lab File: BF088336.D

Acq: 24 Jun 2016 17:26

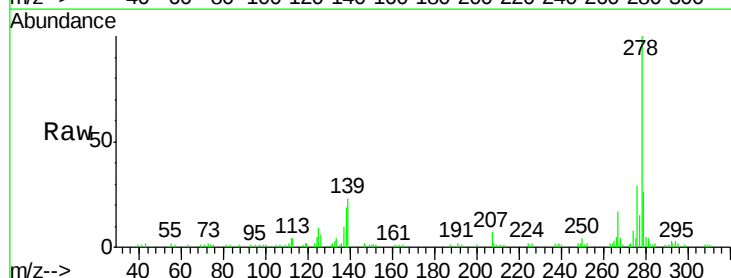
Tgt Ion:278 Resp: 59203

Ion Ratio Lower Upper

278 100

139 23.2 15.7 23.5

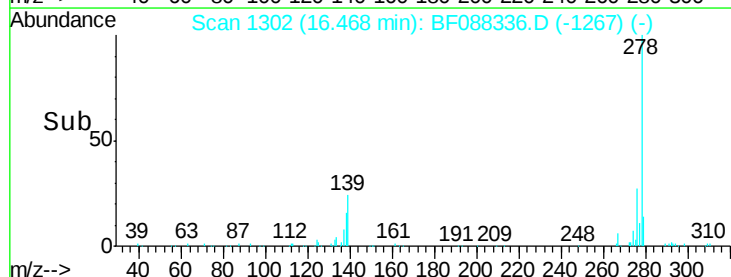
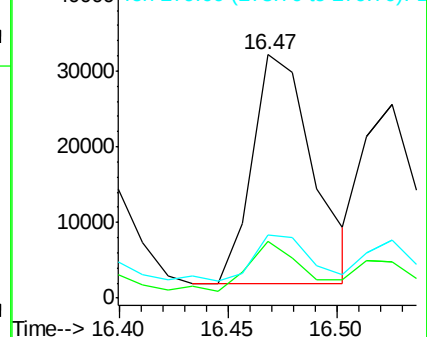
279 25.9 19.4 29.2

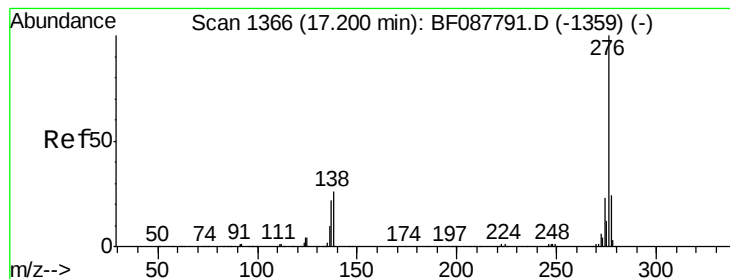


Abundance Ion 278.00 (277.70 to 278.70): E

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: 26.28 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.03 min

Lab File: BF088336.D

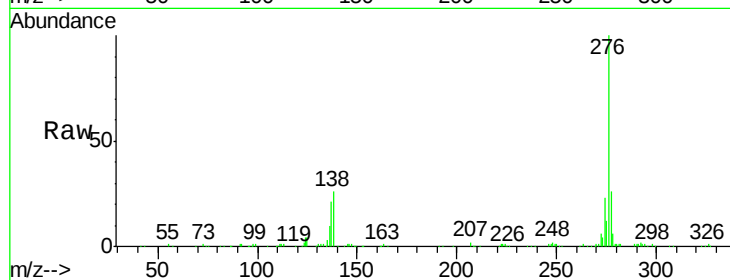
Acq: 24 Jun 2016 17:26

Instrument :

BNA_F

ClientSampleId :

PM-STA-1388(0-4)



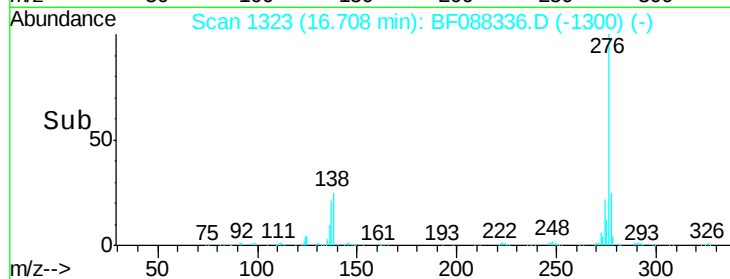
Tgt Ion: 276 Resp: 238023

Ion Ratio Lower Upper

276 100

277 25.9 18.9 28.3

138 26.0 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

