

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088349.D
 Acq On : 24 Jun 2016 23:44
 Operator : UM/SJ
 Sample : H3598-16 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1393(0-4)

Quant Time: Jun 25 03:42:35 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

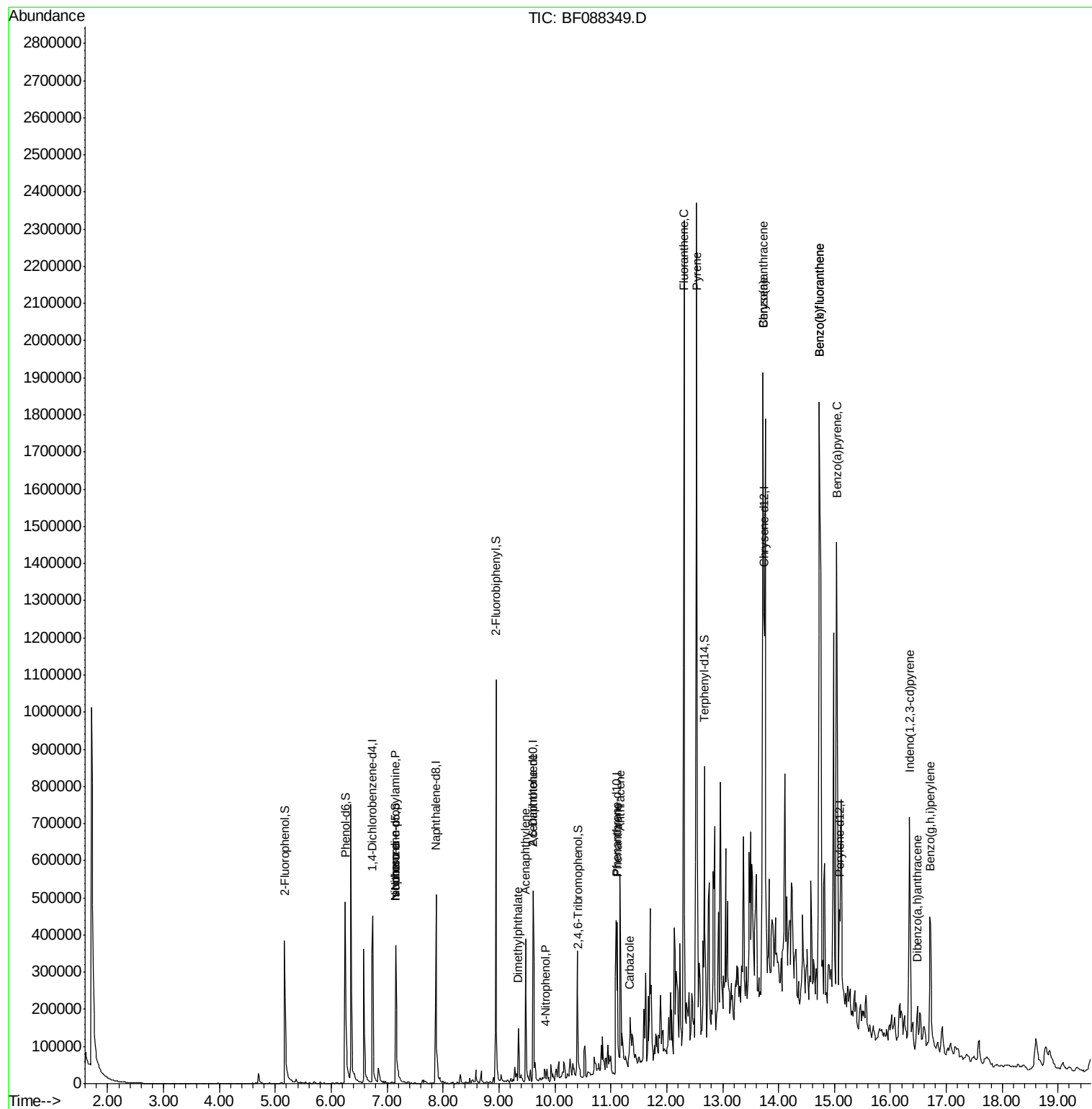
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	118013	20.00	ng	0.14
21) Naphthalene-d8	7.87	136	315019	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	133538	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	211593	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	144328	20.00	ng	-0.01
86) Perylene-d12	15.10	264	151499	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	223863	32.43	ng	-0.01
7) Phenol-d6	6.25	99	289316	34.58	ng	-0.01
23) Nitrobenzene-d5	7.15	82	197349	36.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	51538	36.55	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	362140	39.65	ng	-0.02
78) Terphenyl-d14	12.67	244	226618	35.73	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	401	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	25044	4.68	ng	# 73
25) Isophorone	7.15	82	199030	19.92	ng	# 65
45) 1,1'-Biphenyl	9.05	154	2477	Below Cal		95
48) Acenaphthylene	9.47	152	238844	17.38	ng	99
49) Dimethylphthalate	9.35	163	44368	4.59	ng	100
50) 2,6-Dinitrotoluene	9.61	165	17422	7.86	ng	# 41
55) 4-Nitrophenol	9.83	139	4239	2.14	ng	# 5
57) Fluorene	10.16	166	25888	Below Cal	#	92
70) Phenanthrene	11.12	178	187867	16.92	ng	98
71) Anthracene	11.16	178	287085	25.63	ng	99
72) Carbazole	11.34	167	29342	2.80	ng	96
74) Fluoranthene	12.31	202	1078111	92.01	ng	99
77) Pyrene	12.54	202	1200780	112.12	ng	99
80) Benzo(a)anthracene	13.73	228	1594884	193.91	ng	93
82) Chrysene	13.73	228	1594884	206.12	ng	98
85) Indeno(1,2,3-cd)pyrene	16.34	276	363099	50.51	ng	# 100
87) Benzo(b)fluoranthene	14.73	252	1416688	134.16	ng	# 94
88) Benzo(k)fluoranthene	14.73	252	1416688	177.86	ng	99
89) Benzo(a)pyrene	15.04	252	654295	76.59	ng	98
90) Dibenzo(a,h)anthracene	16.48	278	63458	8.00	ng	97
91) Benzo(g,h,i)perylene	16.71	276	306614	37.57	ng	97

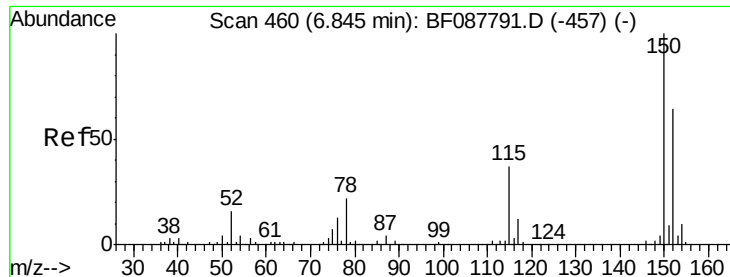
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088349.D
Acq On : 24 Jun 2016 23:44
Operator : UM/SJ
Sample : H3598-16 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-STA-1393(0-4)

Quant Time: Jun 25 03:42:35 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.14 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

Instrument :

BNA_F

ClientSampleId :

PM-STA-1393(0-4)

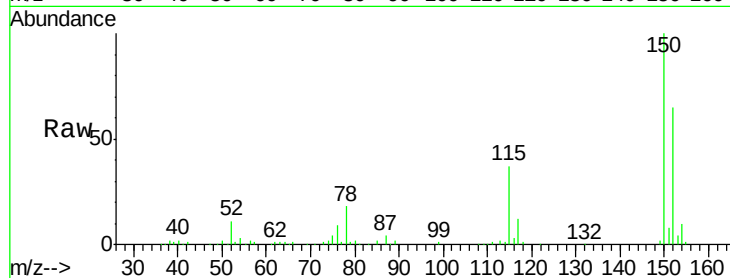
Tgt Ion:152 Resp: 118013

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

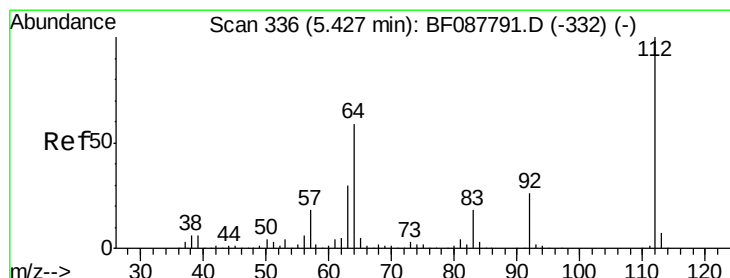
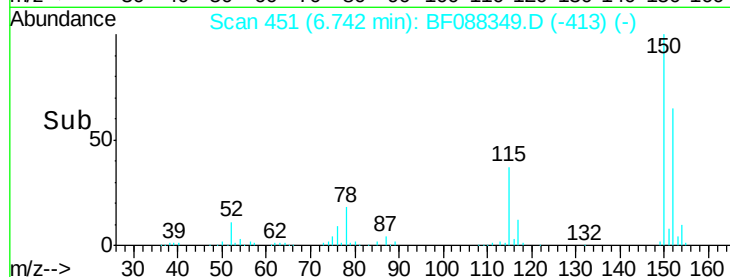
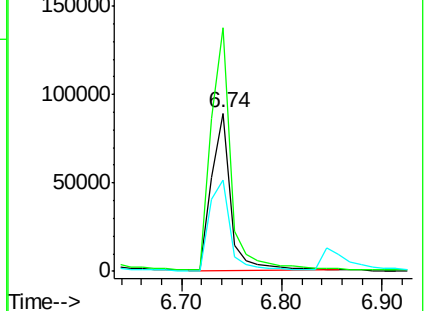
115 57.5 39.6 59.4



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: 32.43 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

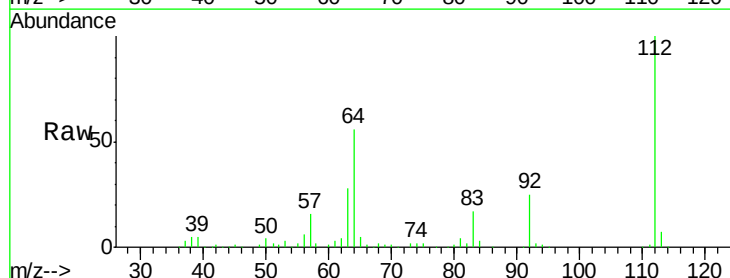
Tgt Ion:112 Resp: 223863

Ion Ratio Lower Upper

112 100

64 56.5 42.2 63.2

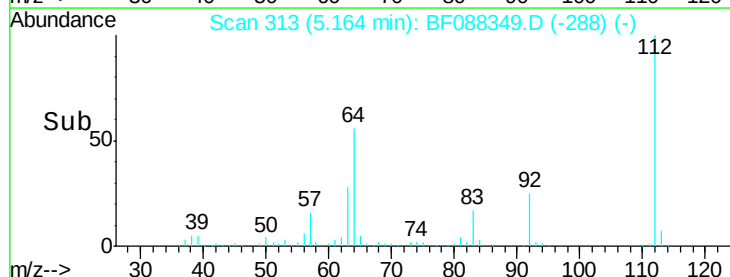
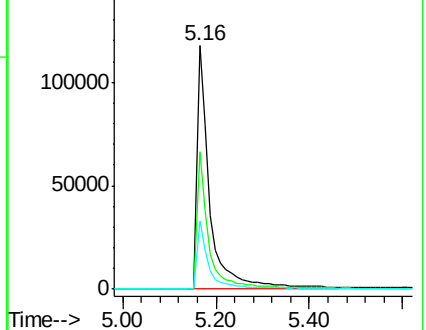
63 27.9 21.8 32.8

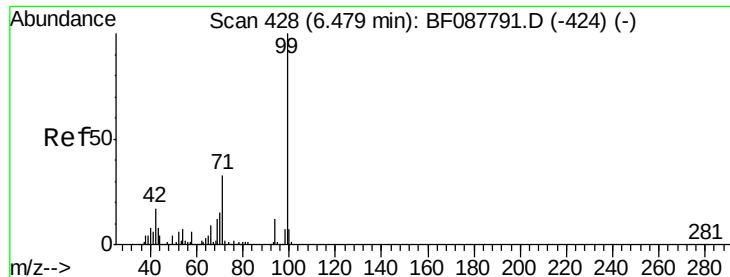


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.58 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

Instrument :

BNA_F

ClientSampleId :

PM-STA-1393(0-4)

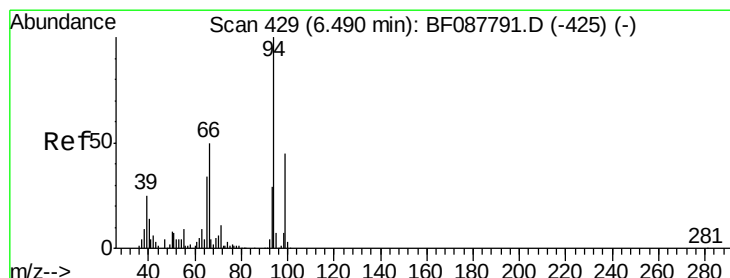
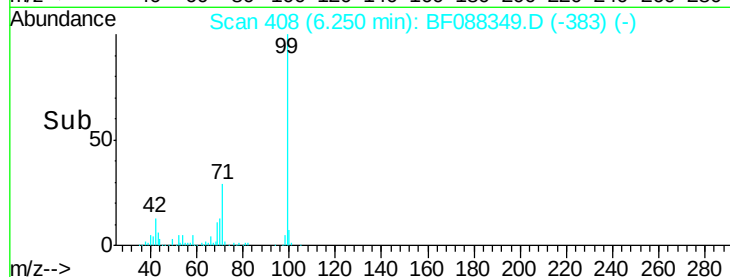
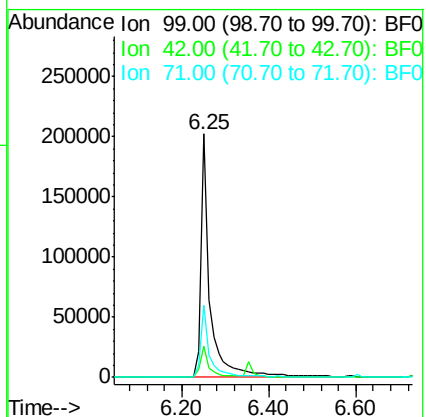
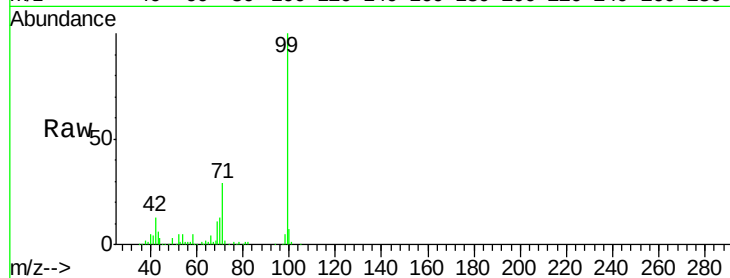
Tgt Ion: 99 Resp: 289316

Ion Ratio Lower Upper

99 100

42 12.8 12.2 18.2

71 29.4 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.35 min Scan# 417

Delta R.T. 0.08 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

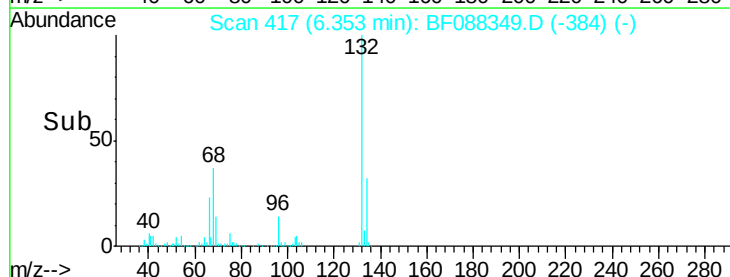
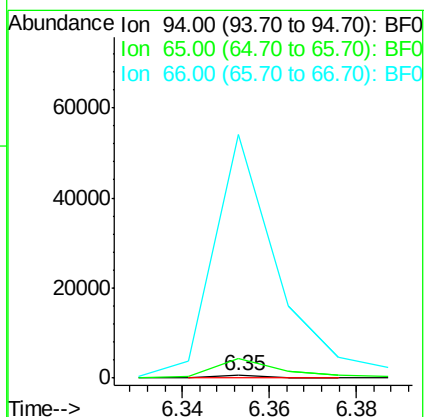
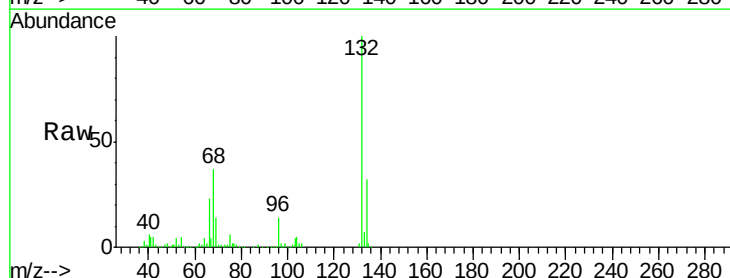
Tgt Ion: 94 Resp: 401

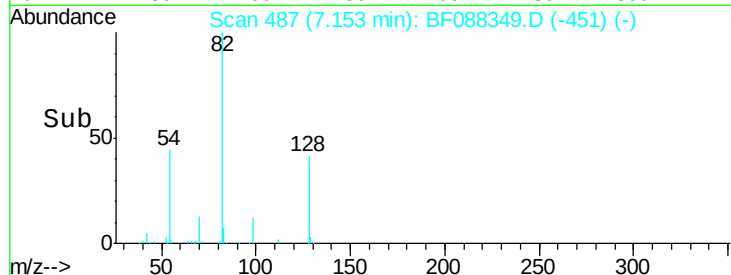
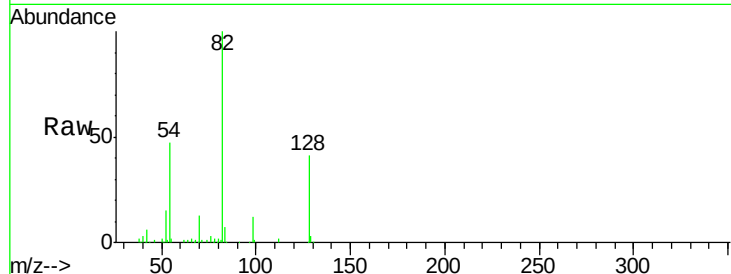
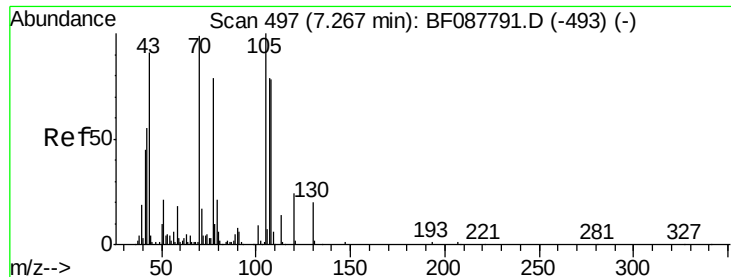
Ion Ratio Lower Upper

94 100

65 763.8 5.9 45.9#

66 9239.0 14.0 54.0#

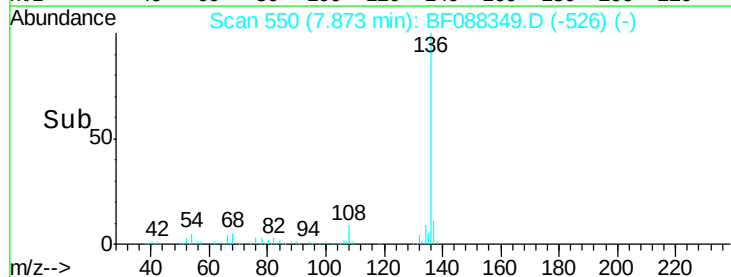
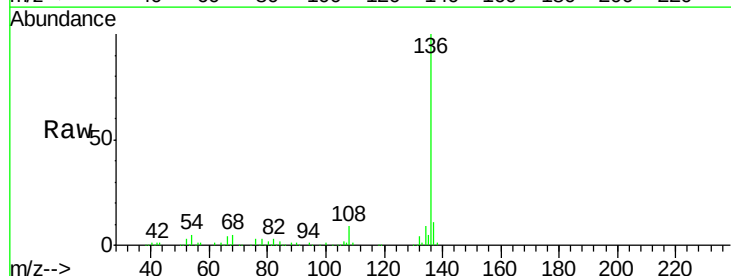
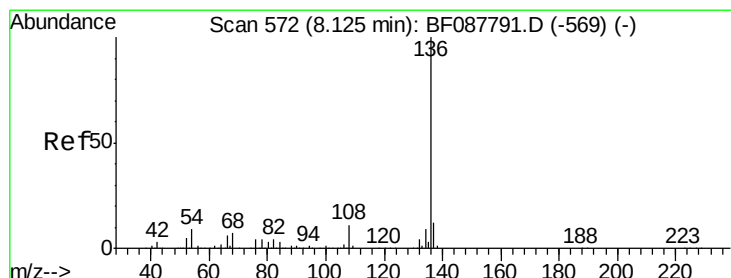
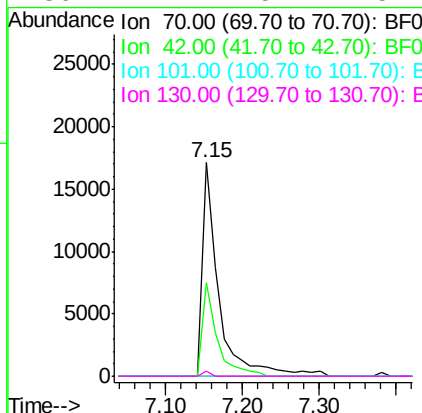




#19
n-Nitroso-di-n-propylamine
Concen: 4.68 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF088349.D
Acq: 24 Jun 2016 23:44

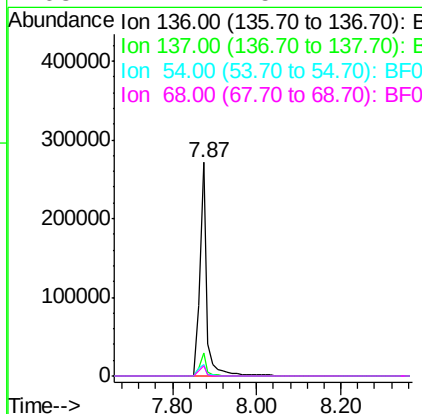
Instrument :
BNA_F
ClientSampleId :
PM-STA-1393(0-4)

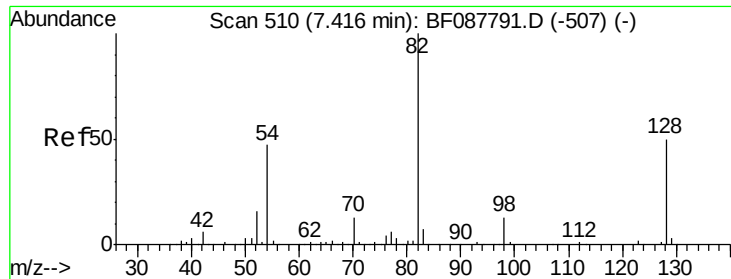
Tgt Ion: 70 Resp: 25044
Ion Ratio Lower Upper
70 100
42 44.0 49.6 74.4#
101 0.0 7.1 10.7#
130 2.2 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088349.D
Acq: 24 Jun 2016 23:44

Tgt Ion: 136 Resp: 315019
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.3 6.6 10.0#
68 4.7 5.1 7.7#

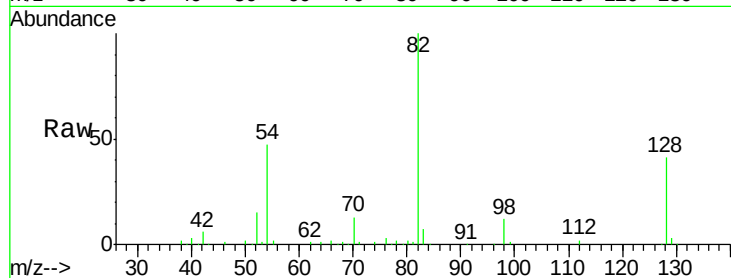




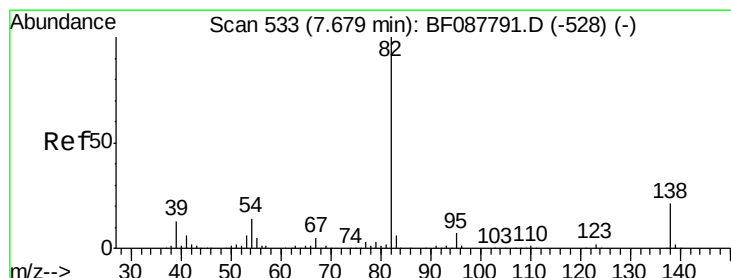
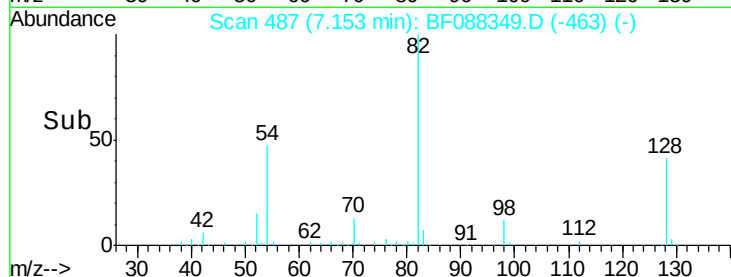
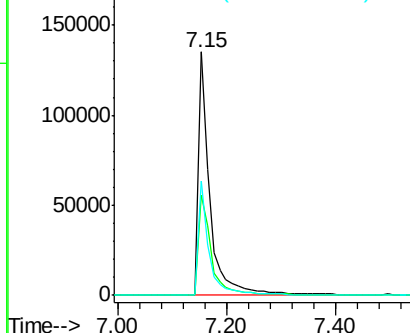
#23
 Nitrobenzene-d5
 Concen: 36.58 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF088349.D
 Acq: 24 Jun 2016 23:44

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1393(0-4)

Tgt Ion: 82 Resp: 197349
 Ion Ratio Lower Upper
 82 100
 128 41.4 35.9 53.9
 54 46.8 40.9 61.3

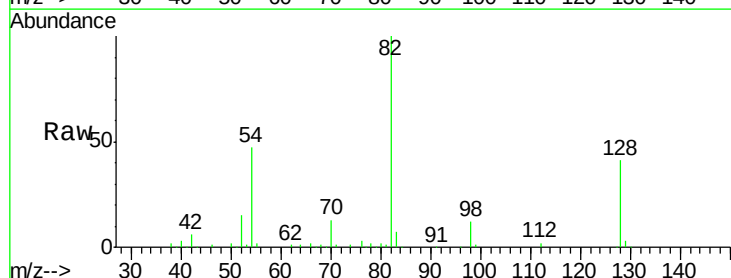


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

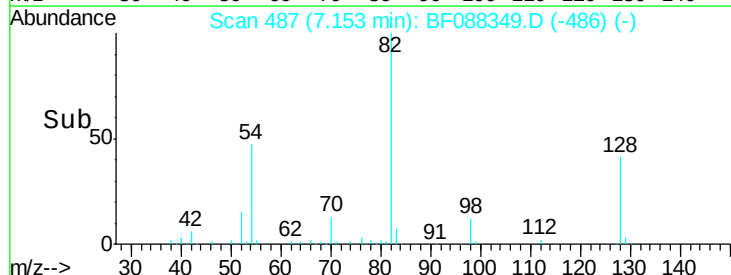
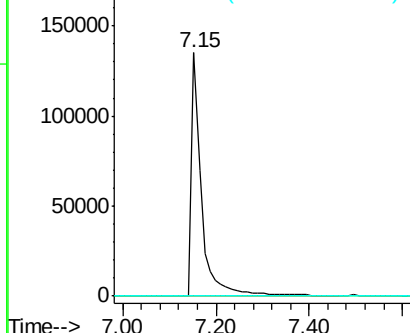


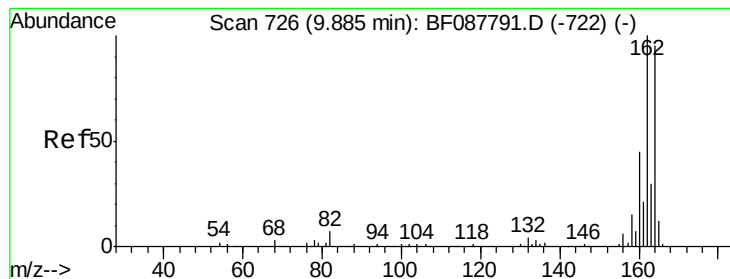
#25
 Isophorone
 Concen: 19.92 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.29 min
 Lab File: BF088349.D
 Acq: 24 Jun 2016 23:44

Tgt Ion: 82 Resp: 199030
 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: BF088349.D

Acq: 24 Jun 2016 23:44

Instrument :

BNA_F

ClientSampleId :

PM-STA-1393(0-4)

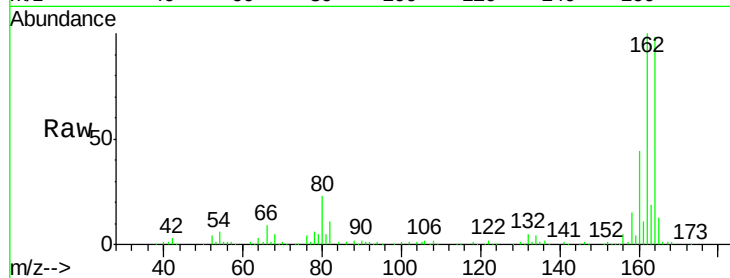
Tgt Ion:164 Resp: 133538

Ion Ratio Lower Upper

164 100

162 102.3 85.4 128.2

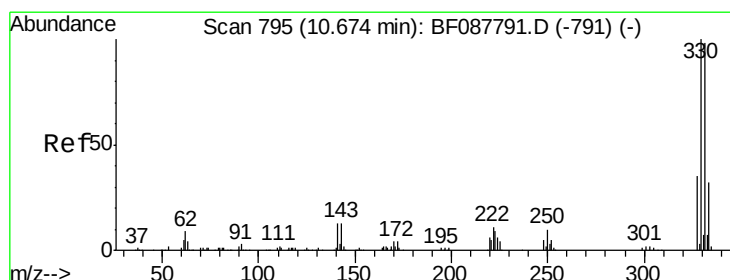
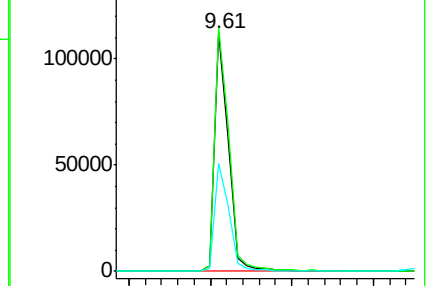
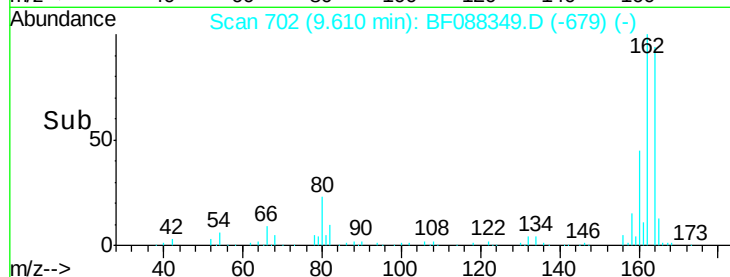
160 45.5 39.5 59.3



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: 36.55 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

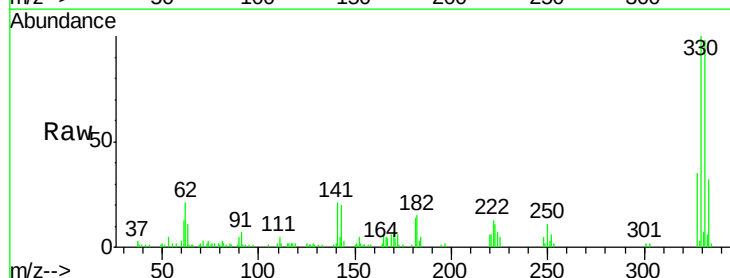
Tgt Ion:330 Resp: 51538

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

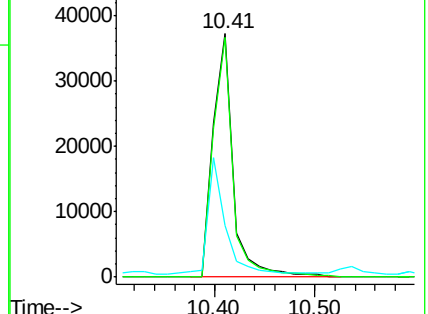
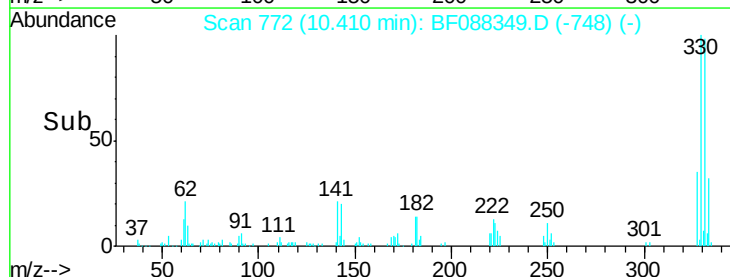
141 45.0 0.0 0.0#

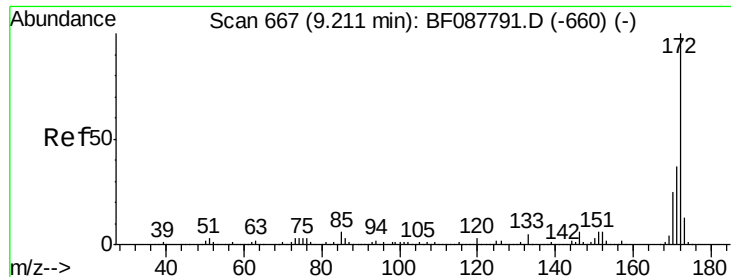


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

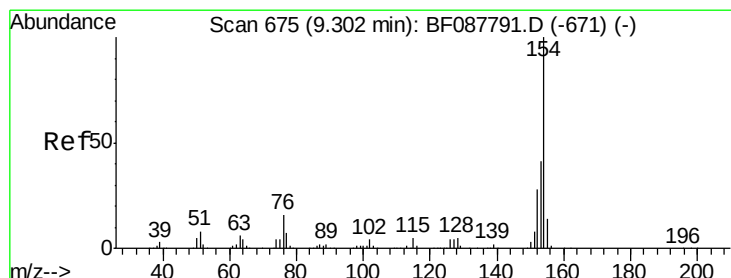
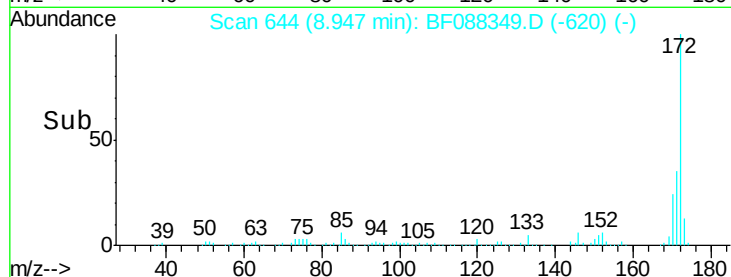
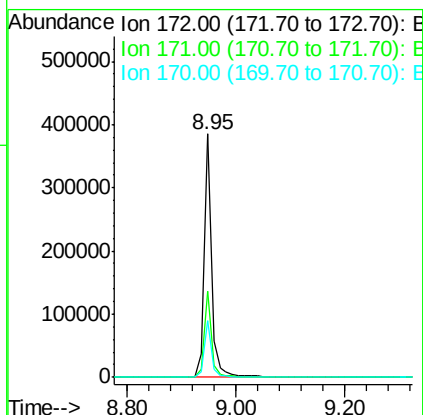
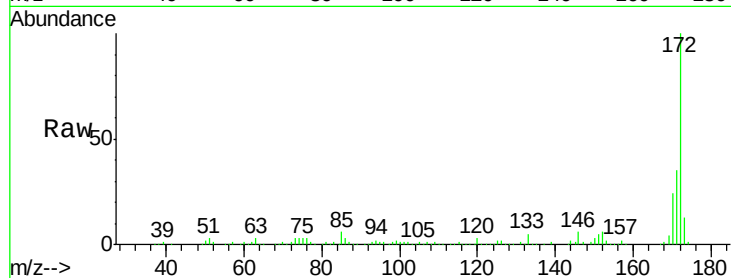




#44
2-Fluorobiphenyl
Concen: 39.65 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088349.D
Acq: 24 Jun 2016 23:44

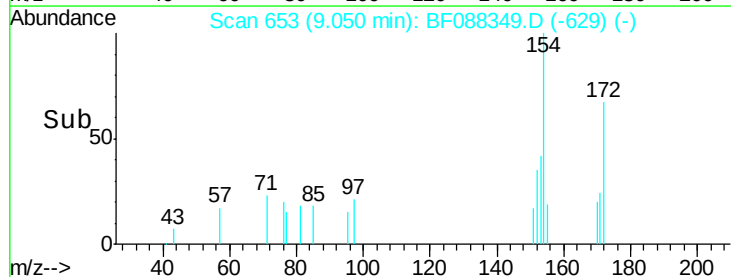
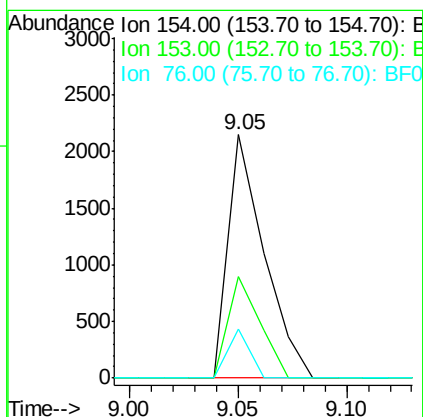
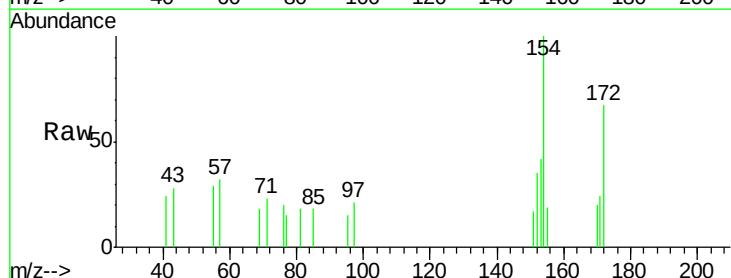
Instrument :
BNA_F
ClientSampleId :
PM-STA-1393(0-4)

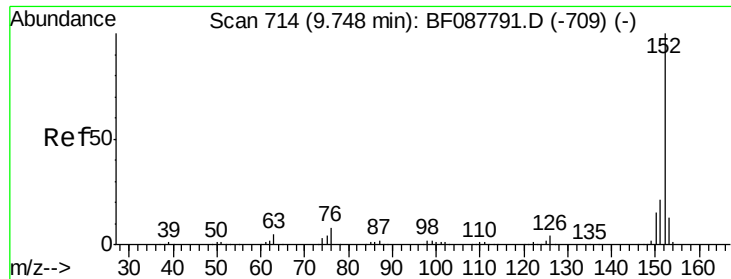
Tgt Ion:172 Resp: 362140
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.6 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088349.D
Acq: 24 Jun 2016 23:44

Tgt Ion:154 Resp: 2477
Ion Ratio Lower Upper
154 100
153 41.8 20.6 60.6
76 20.0 0.0 35.1





#48

Acenaphthylene

Concen: 17.38 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

Instrument :

BNA_F

ClientSampleId :

PM-STA-1393(0-4)

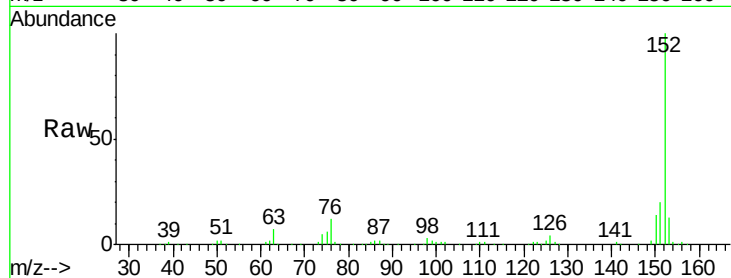
Tgt Ion:152 Resp: 238844

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

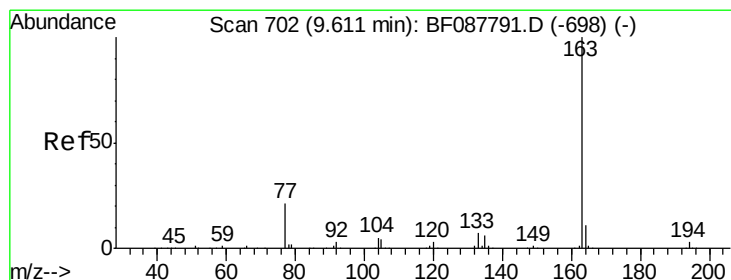
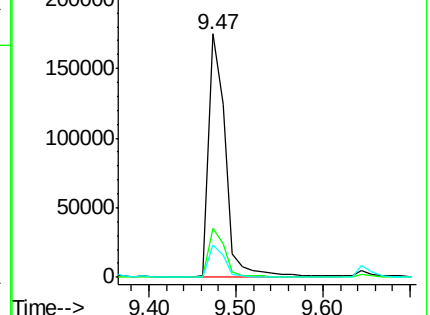
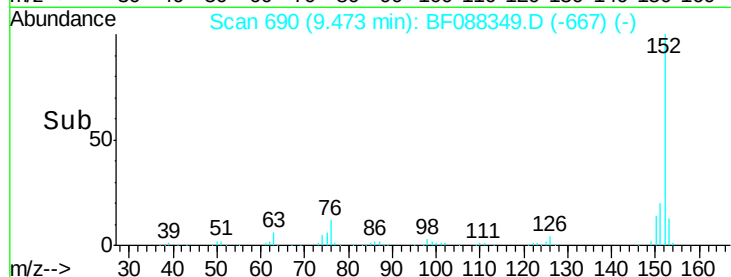
153 13.3 11.0 16.6



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: 4.59 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

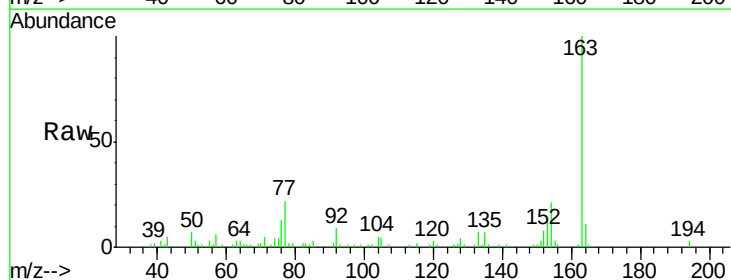
Tgt Ion:163 Resp: 44368

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

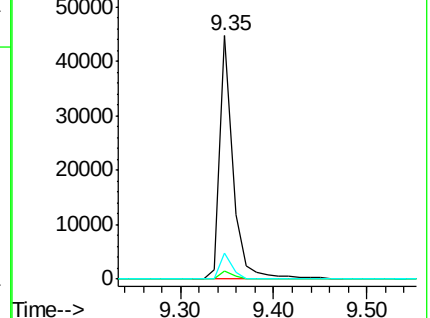
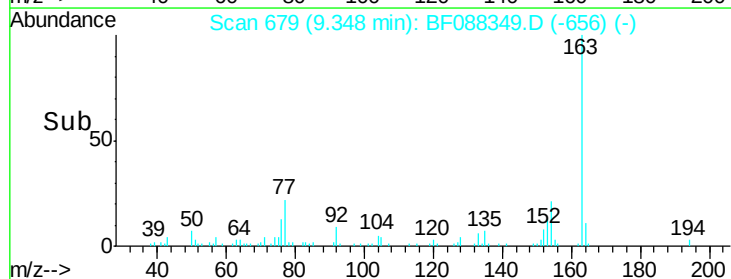
164 10.5 8.3 12.5

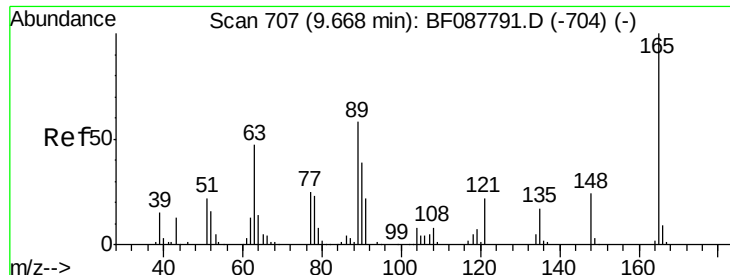


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

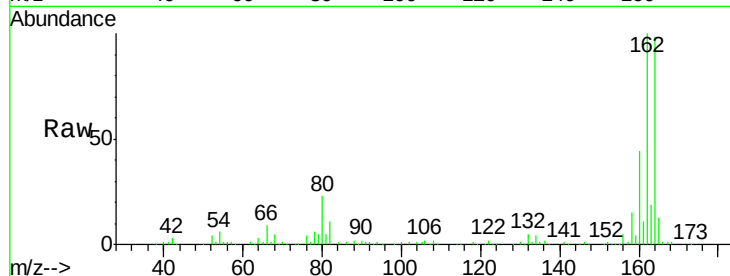




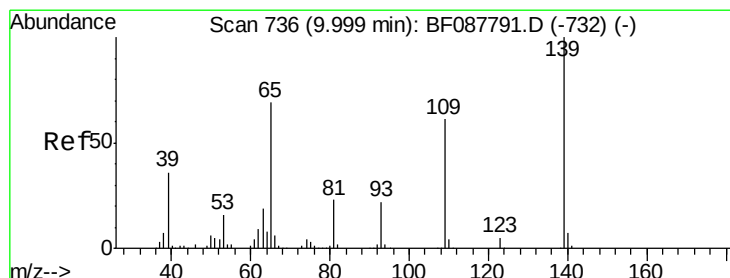
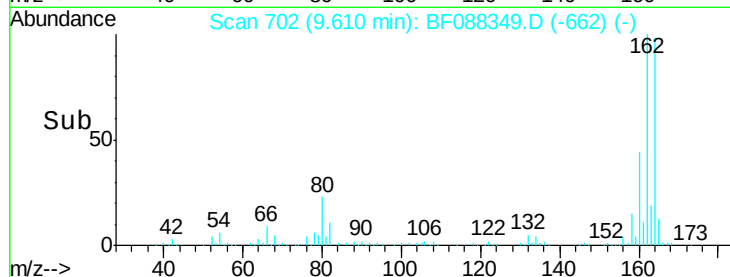
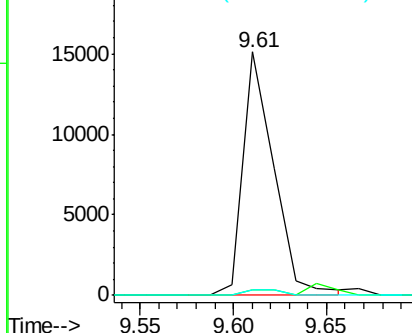
#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.16 min
 Lab File: BF088349.D
 Acq: 24 Jun 2016 23:44

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1393(0-4)

Tgt Ion:165 Resp: 17422
 Ion Ratio Lower Upper
 165 100
 63 2.3 28.1 42.1#
 89 2.1 32.2 48.2#

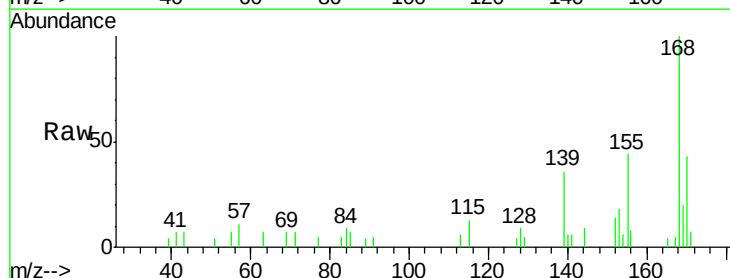


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

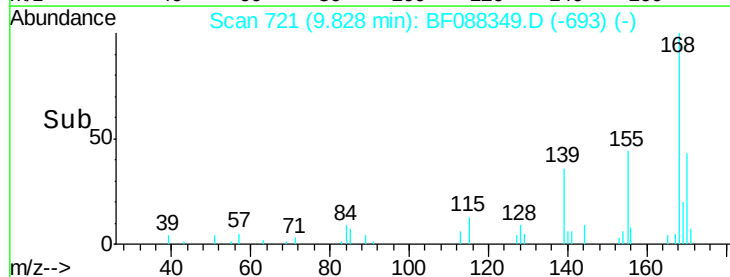
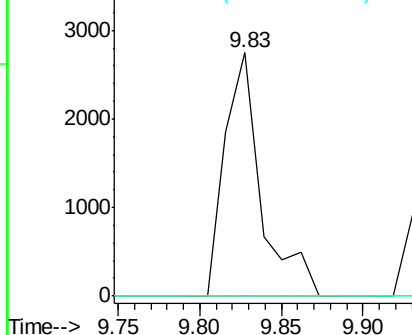


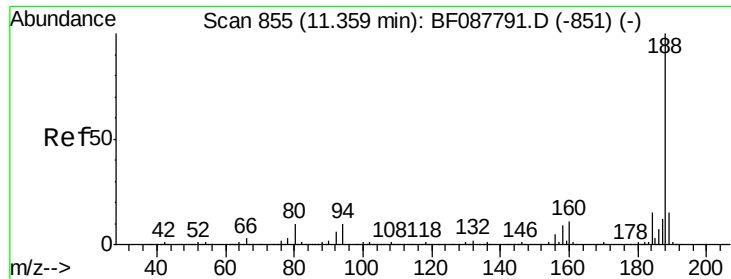
#55
 4-Nitrophenol
 Concen: 2.14 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.02 min
 Lab File: BF088349.D
 Acq: 24 Jun 2016 23:44

Tgt Ion:139 Resp: 4239
 Ion Ratio Lower Upper
 139 100
 109 0.0 48.9 88.9#
 65 0.0 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

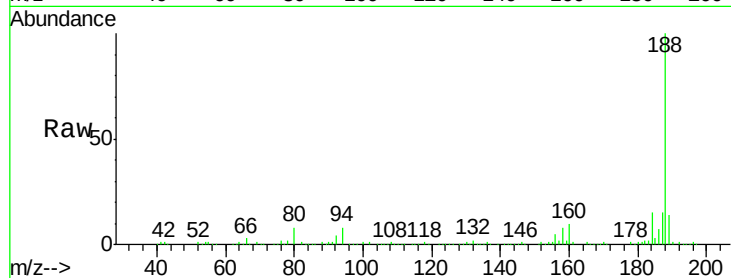




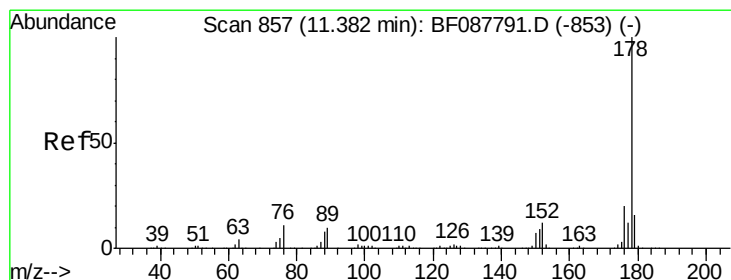
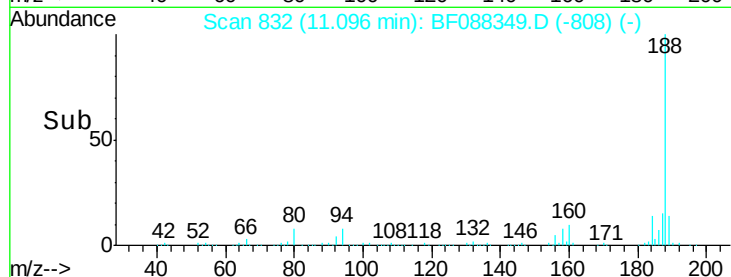
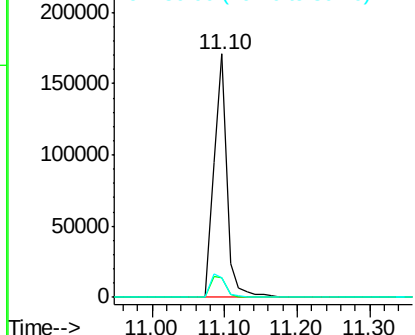
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088349.D
Acq: 24 Jun 2016 23:44

Instrument :
BNA_F
ClientSampleId :
PM-STA-1393(0-4)

Tgt Ion:188 Resp: 211593
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.6#
80 8.2 10.0 15.0#

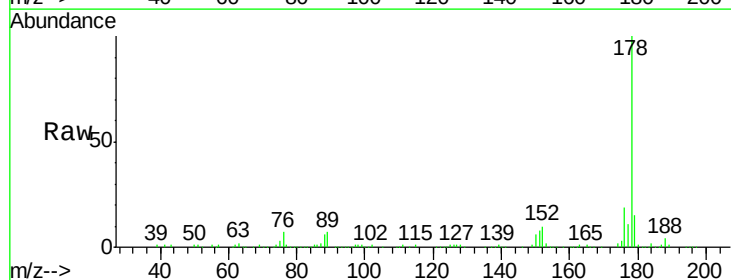


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

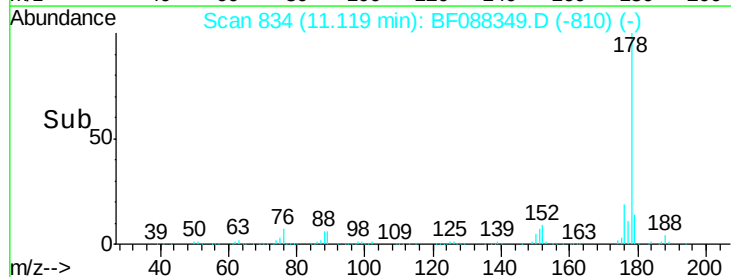
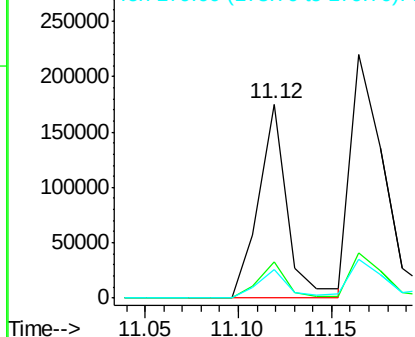


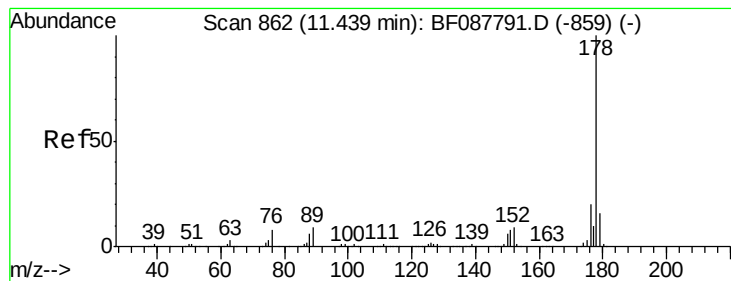
#70
Phenanthrene
Concen: 16.92 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF088349.D
Acq: 24 Jun 2016 23:44

Tgt Ion:178 Resp: 187867
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 14.9 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: 25.63 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

Instrument :

BNA_F

ClientSampleId :

PM-STA-1393(0-4)

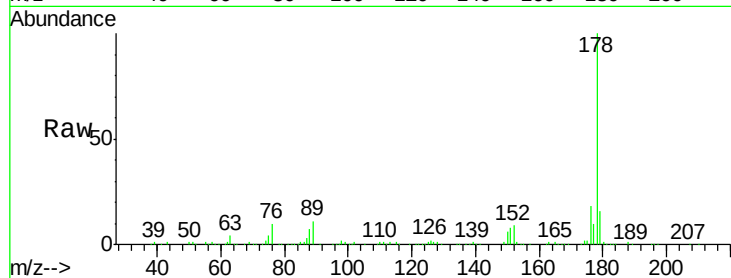
Tgt Ion:178 Resp: 287085

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

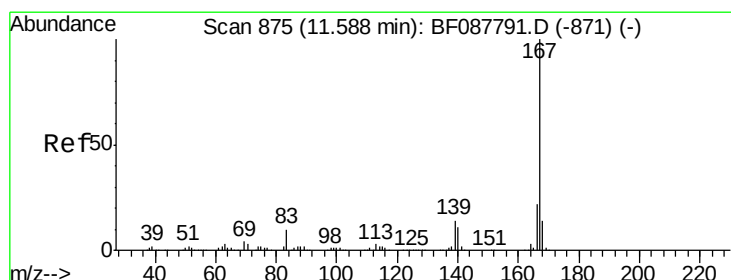
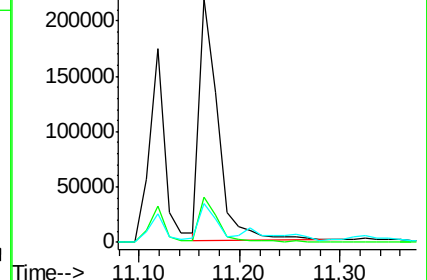
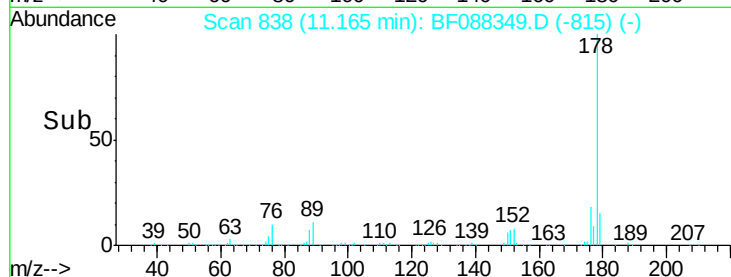
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.80 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

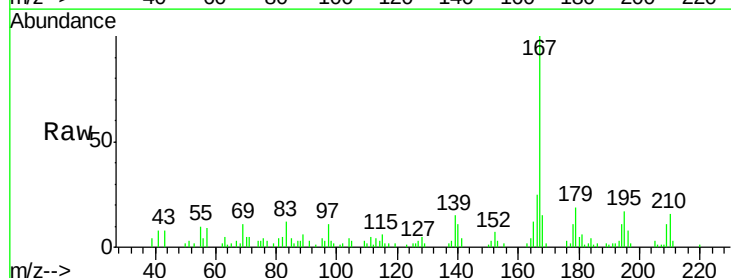
Tgt Ion:167 Resp: 29342

Ion Ratio Lower Upper

167 100

166 25.1 17.8 26.6

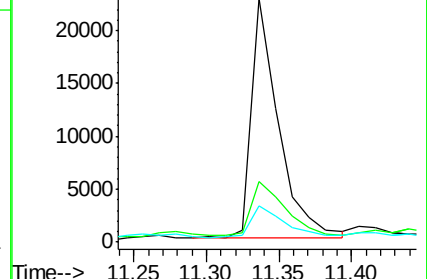
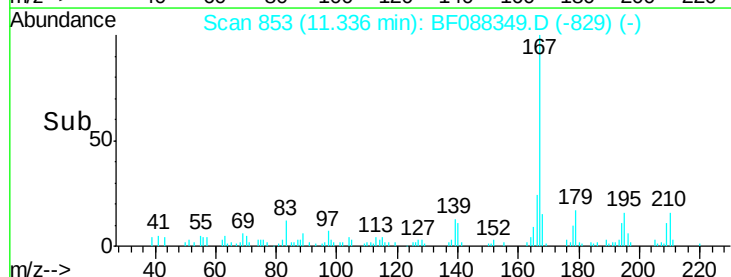
139 14.6 11.2 16.8

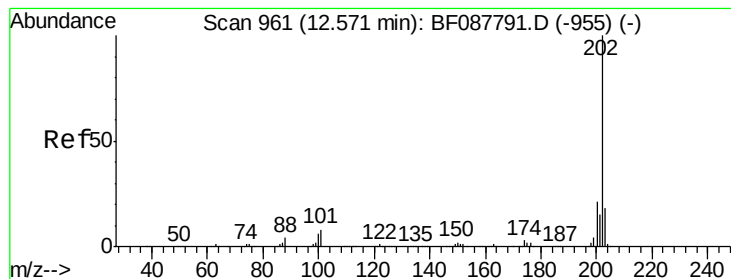


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 92.01 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

Instrument :

BNA_F

ClientSampleId :

PM-STA-1393(0-4)

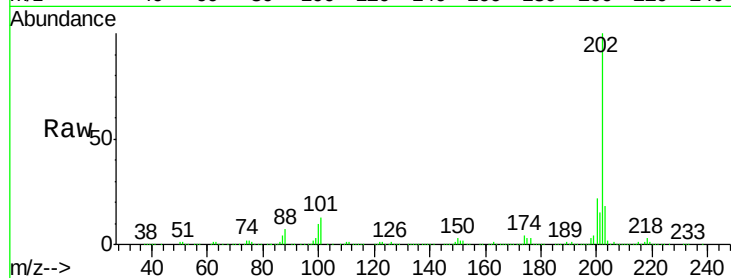
Tgt Ion:202 Resp: 1078111

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.1

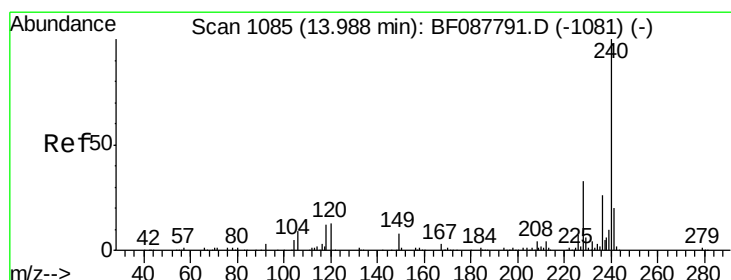
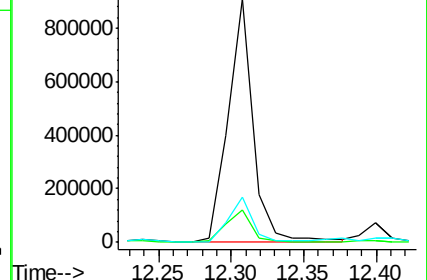
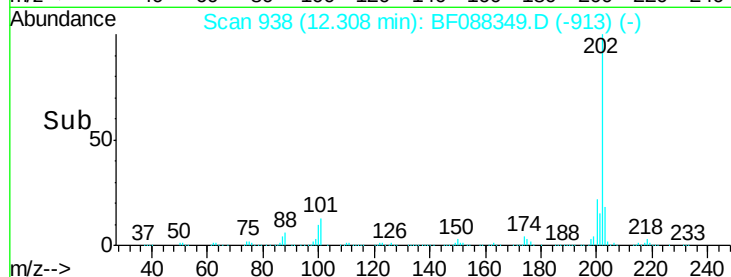
203 18.4 0.0 38.1



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: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

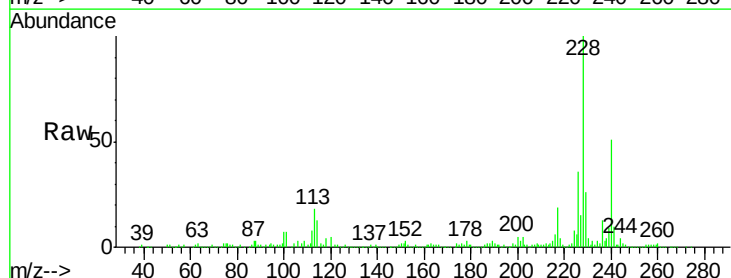
Tgt Ion:240 Resp: 144328

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

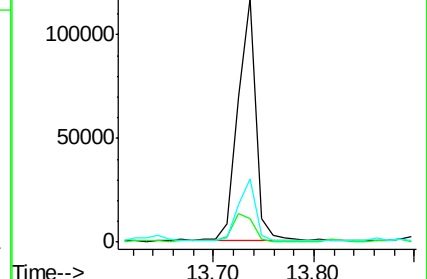
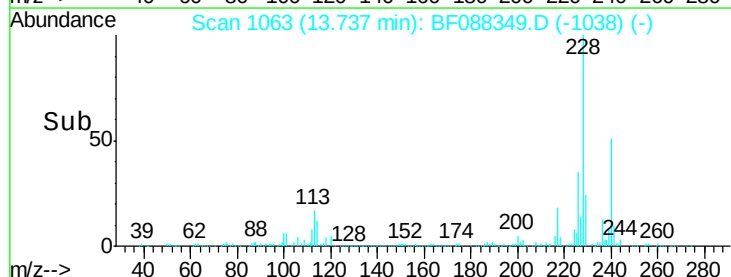
236 25.7 20.2 30.2

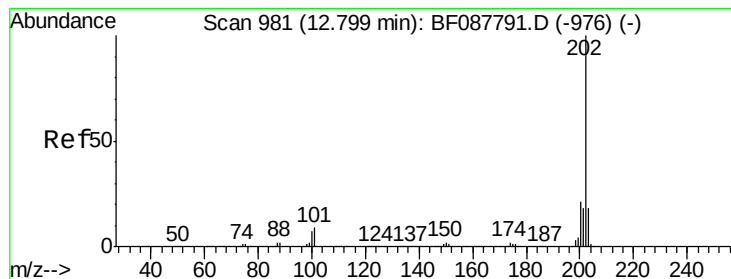


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 112.12 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

Instrument :

BNA_F

ClientSampleId :

PM-STA-1393(0-4)

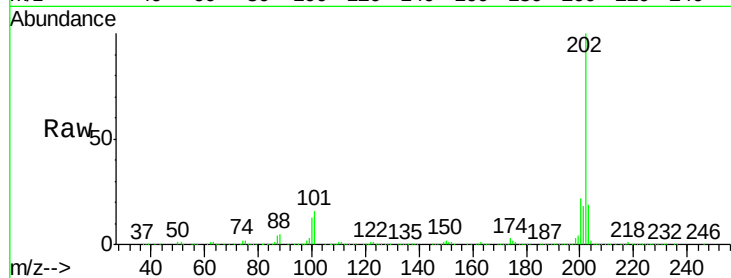
Tgt Ion:202 Resp: 1200780

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

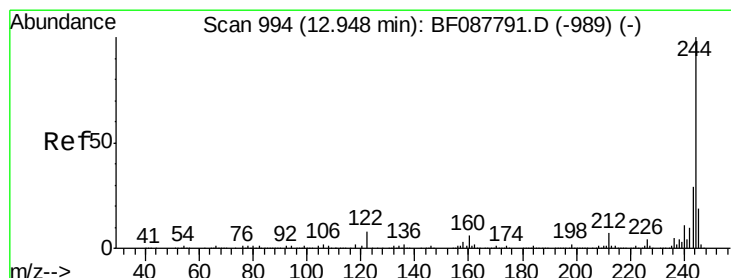
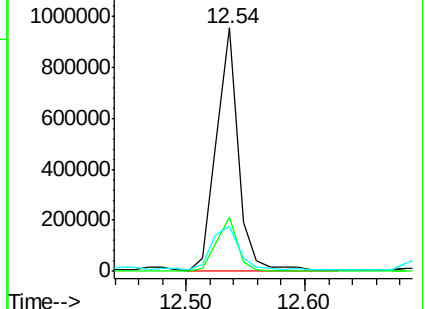
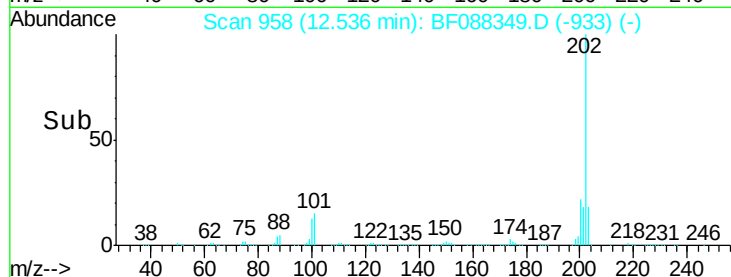
203 18.5 14.5 21.7



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: 35.73 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

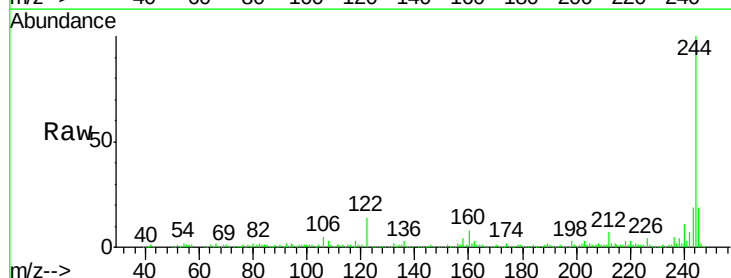
Tgt Ion:244 Resp: 226618

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

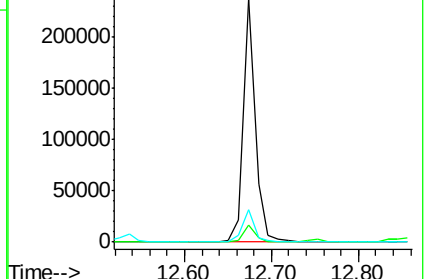
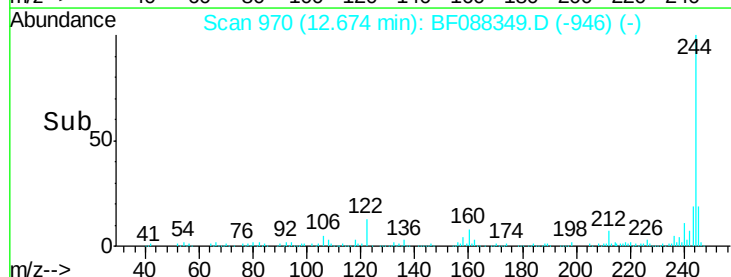
122 13.5 11.2 16.8

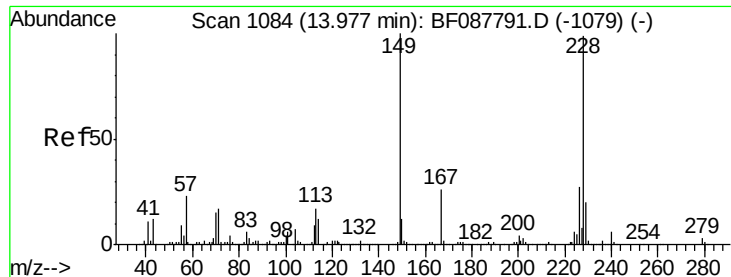


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 193.91 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

Instrument :

BNA_F

ClientSampleId :

PM-STA-1393(0-4)

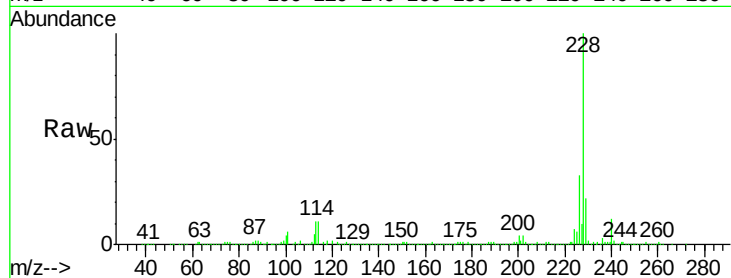
Tgt Ion:228 Resp: 1594884

Ion Ratio Lower Upper

228 100

226 32.6 22.3 33.5

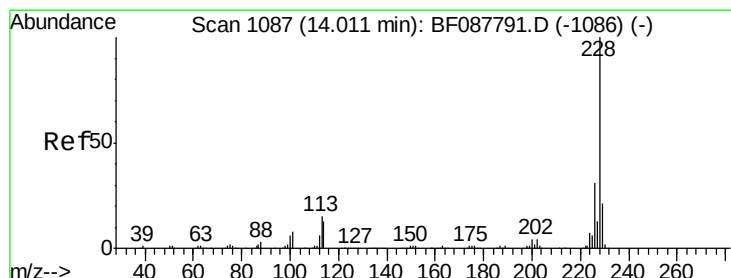
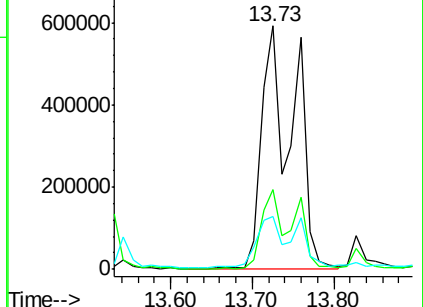
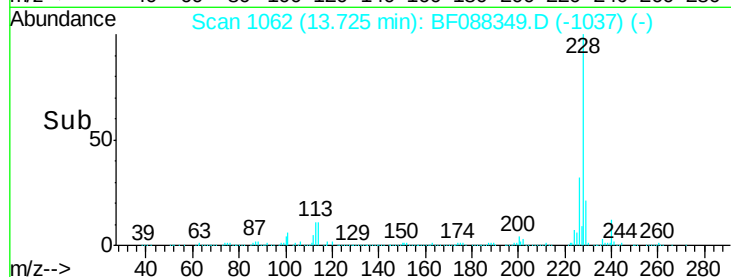
229 21.6 16.0 24.0



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



#82

Chrysene

Concen: 206.12 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.05 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

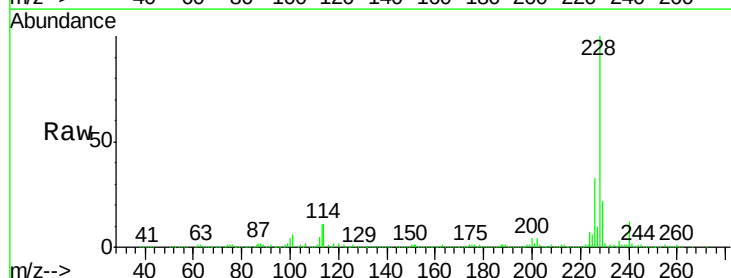
Tgt Ion:228 Resp: 1594884

Ion Ratio Lower Upper

228 100

226 32.6 25.4 38.2

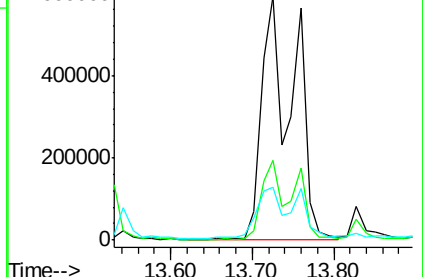
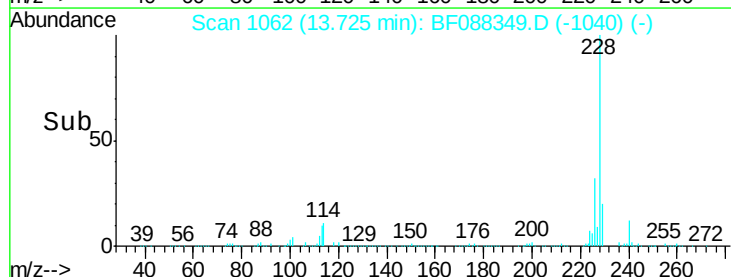
229 21.6 16.3 24.5

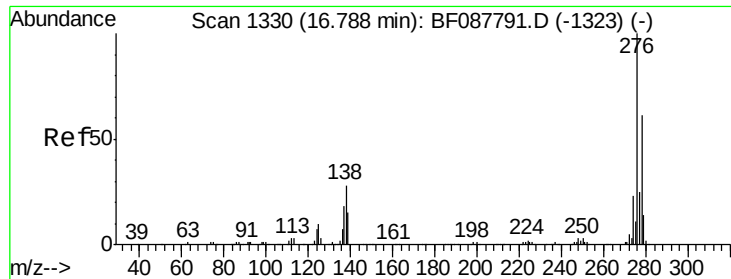


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

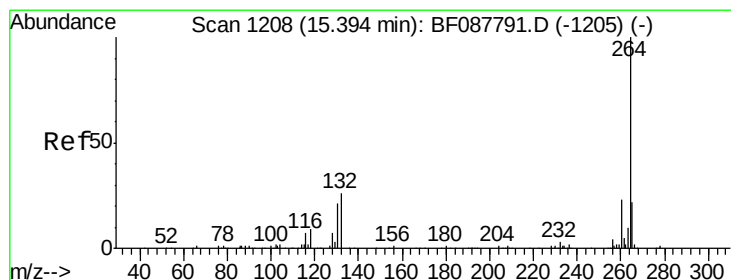
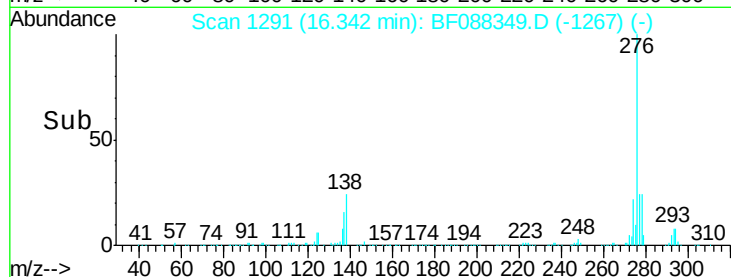
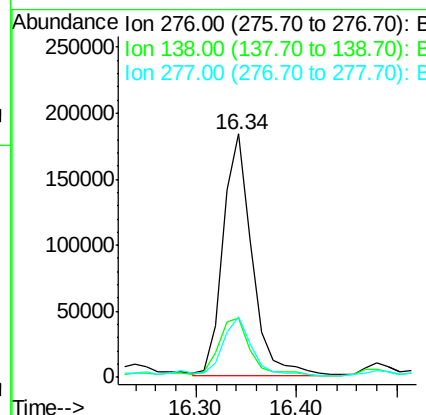
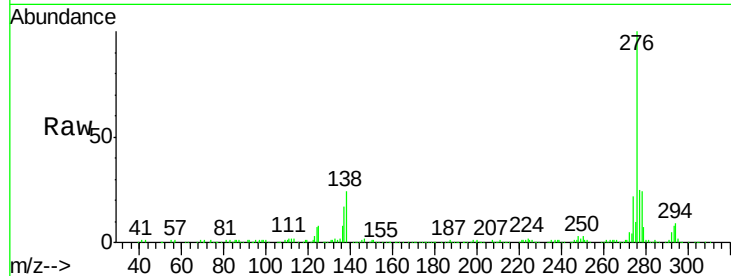




#85
Indeno(1,2,3-cd)pyrene
Concen: 50.51 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF088349.D
Acq: 24 Jun 2016 23:44

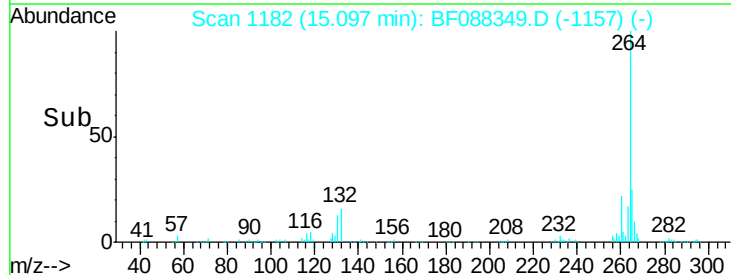
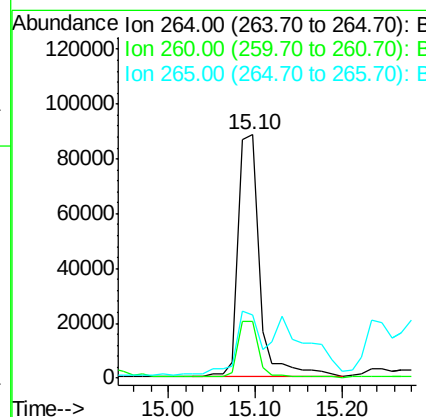
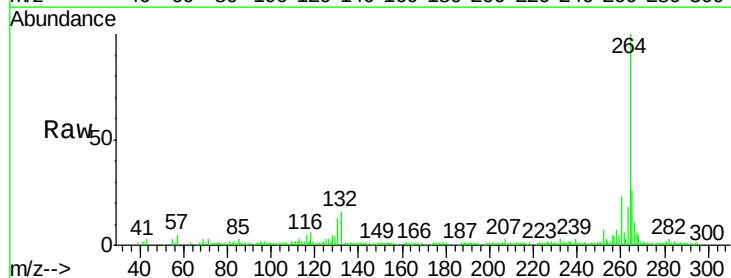
Instrument :
BNA_F
ClientSampleId :
PM-STA-1393(0-4)

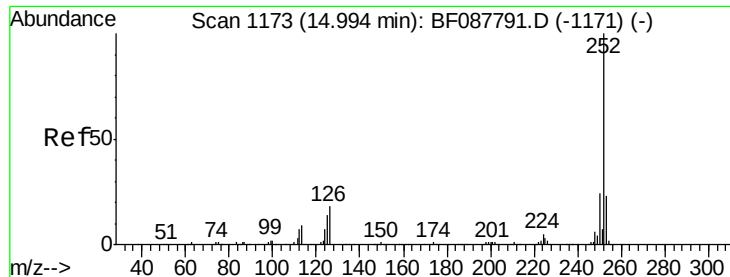
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	0.0	0.0#
277	24.9	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF088349.D
Acq: 24 Jun 2016 23:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	25.8	16.9	25.3#





#87

Benzo(b)fluoranthene

Concen: 134.16 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

Instrument :

BNA_F

ClientSampleId :

PM-STA-1393(0-4)

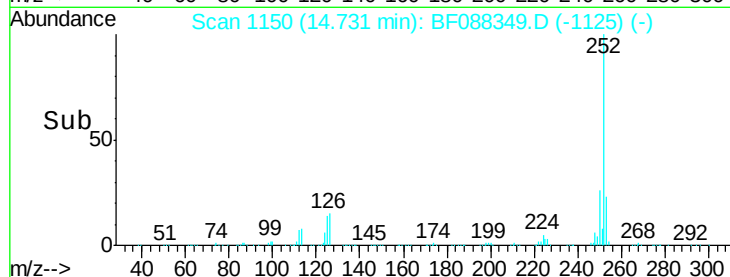
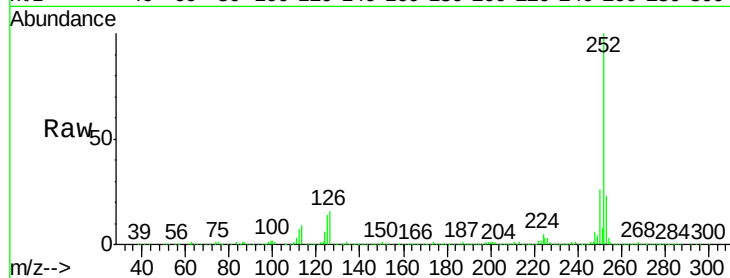
Tgt Ion:252 Resp: 1416688

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

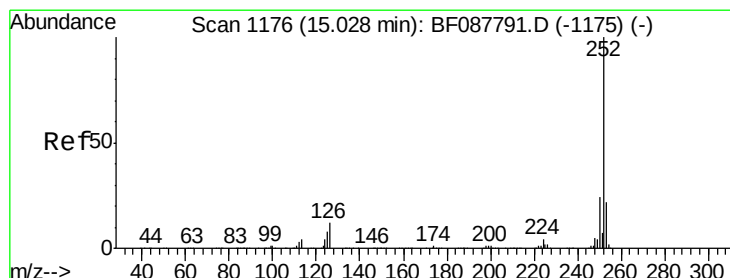
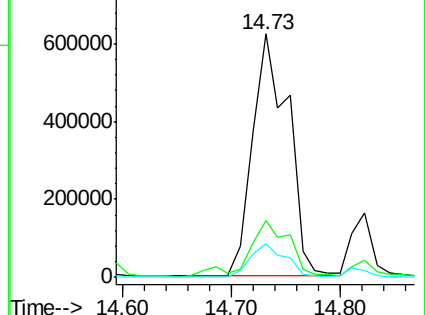
125 13.8 7.1 10.7#



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: 177.86 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BF088349.D

Acq: 24 Jun 2016 23:44

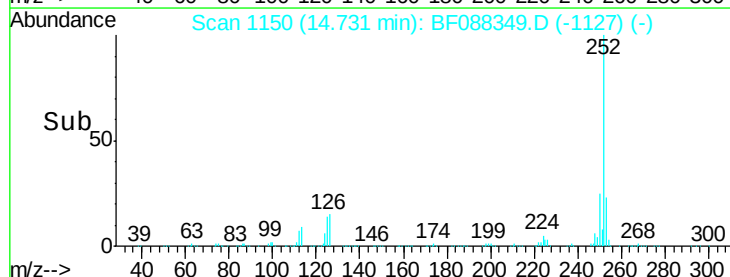
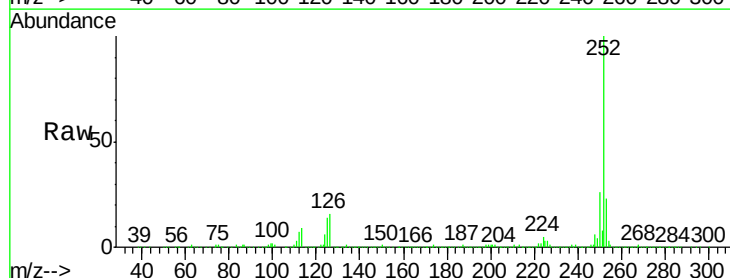
Tgt Ion:252 Resp: 1416688

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

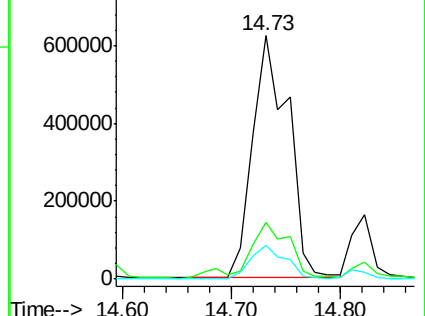
125 13.8 11.2 16.8

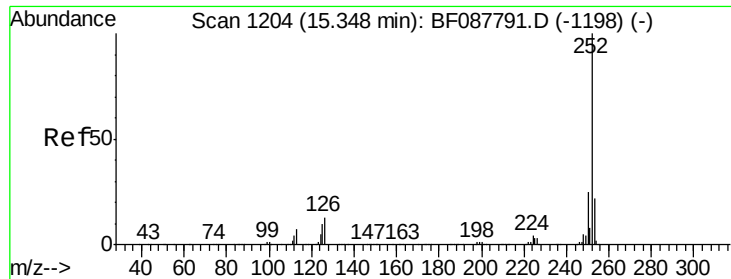


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

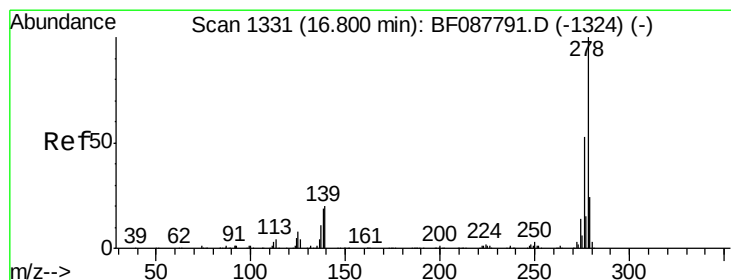
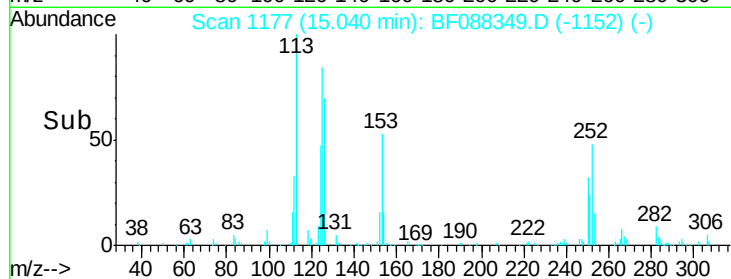
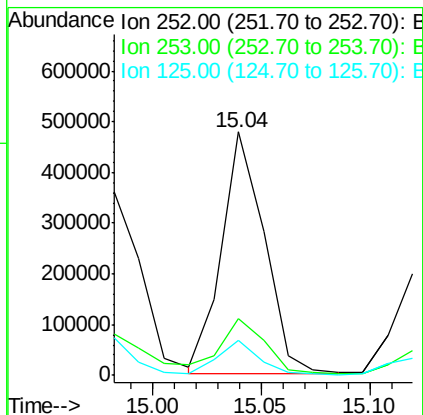
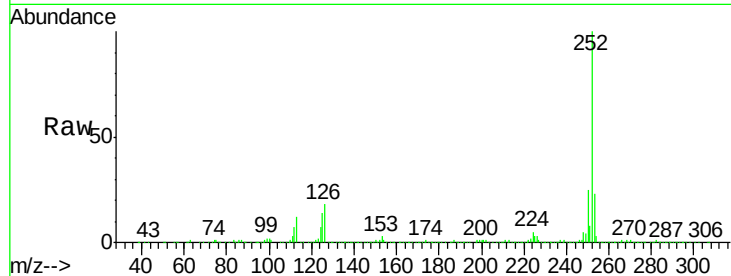




#89
Benzo(a)pyrene
Concen: 76.59 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF088349.D
Acq: 24 Jun 2016 23:44

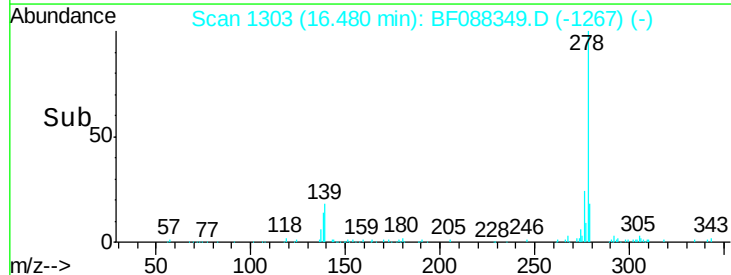
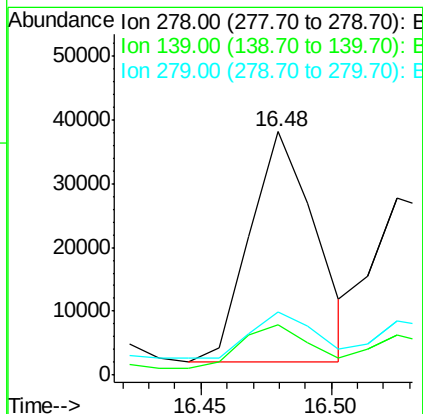
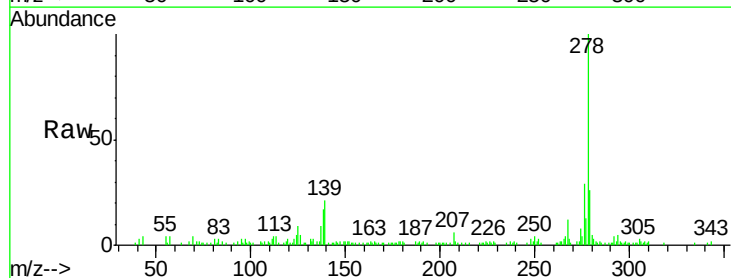
Instrument :
BNA_F
ClientSampleId :
PM-STA-1393(0-4)

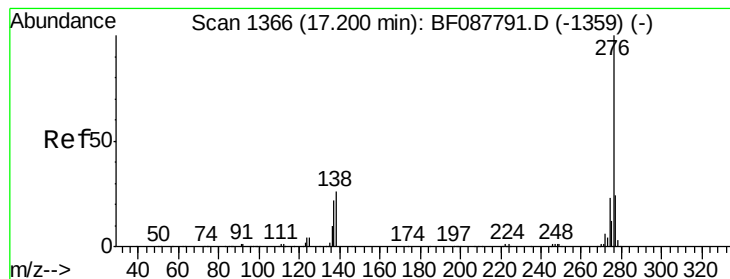
Tgt Ion: 252 Resp: 654295
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 14.4 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 8.00 ng
RT: 16.48 min Scan# 1303
Delta R.T. 0.11 min
Lab File: BF088349.D
Acq: 24 Jun 2016 23:44

Tgt Ion: 278 Resp: 63458
Ion Ratio Lower Upper
278 100
139 20.8 15.7 23.5
279 25.8 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 37.57 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.03 min

Lab File: BF088349.D

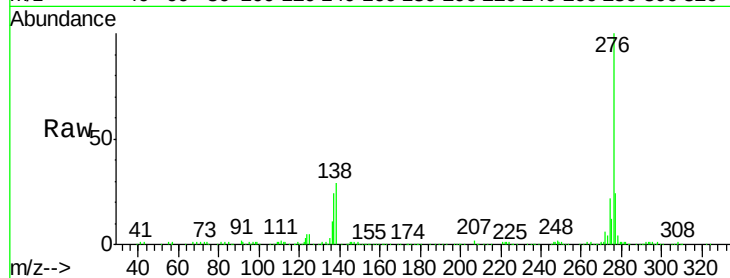
Acq: 24 Jun 2016 23:44

Instrument :

BNA_F

ClientSampleId :

PM-STA-1393(0-4)



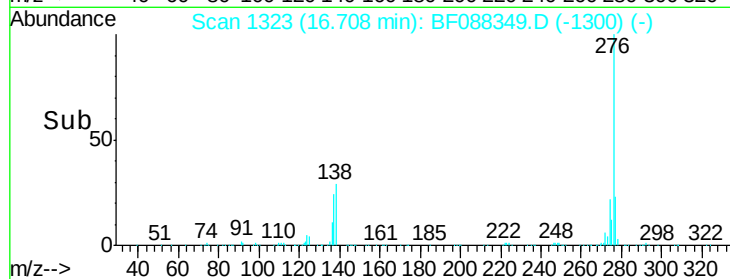
Tgt Ion: 276 Resp: 306614

Ion Ratio Lower Upper

276 100

277 24.1 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

