

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088376.D
 Acq On : 25 Jun 2016 14:49
 Operator : UM/SJ
 Sample : H3622-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1447(0-4)

Quant Time: Jun 26 01:56:56 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

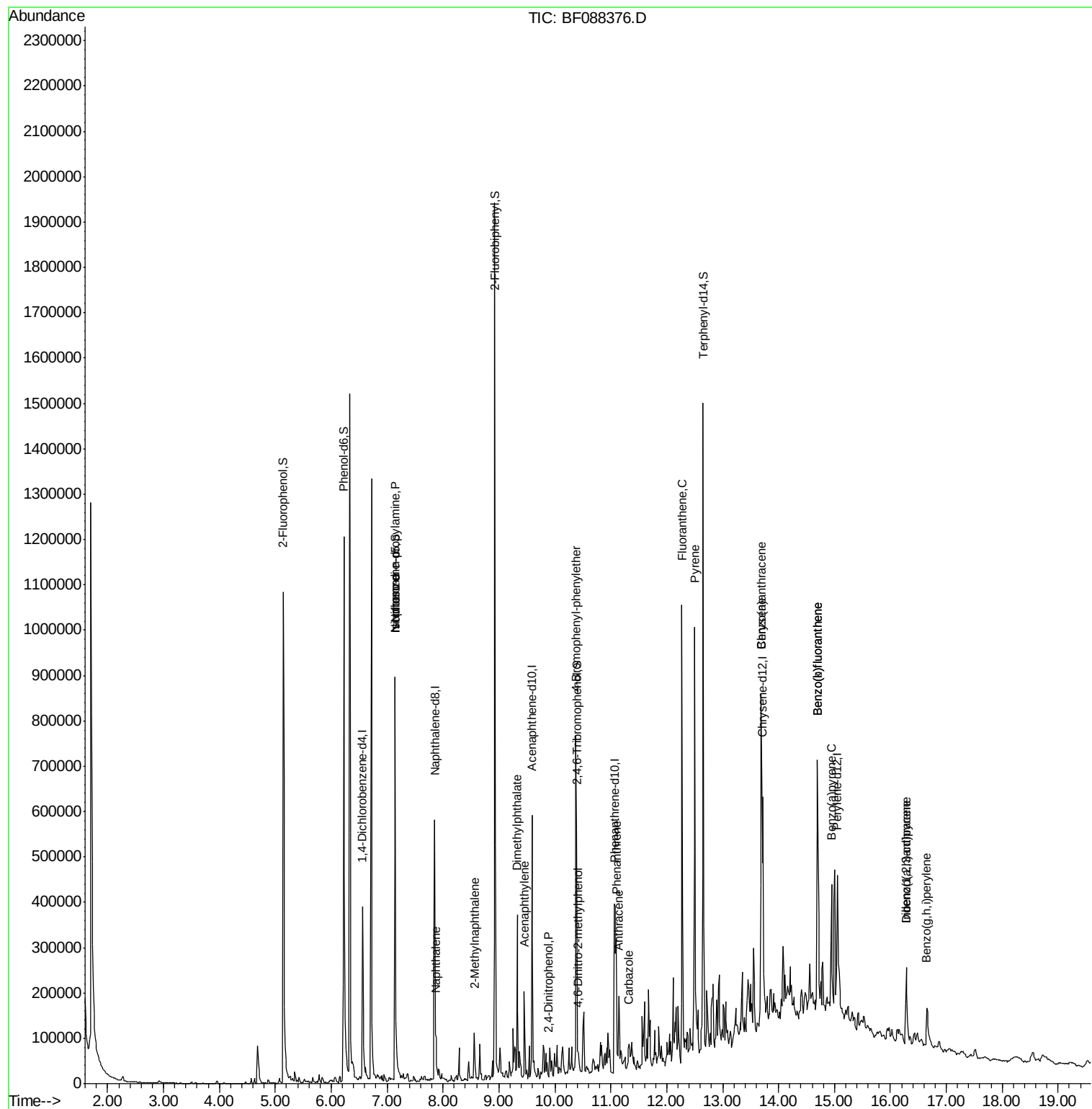
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	83147	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	326306	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	138703	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	228517	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	162895	20.00	ng	-0.05
86) Perylene-d12	15.05	264	149460	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	499457	102.69	ng	-0.03
7) Phenol-d6	6.23	99	618469	104.92	ng	-0.03
23) Nitrobenzene-d5	7.14	82	442606	79.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	126712	86.52	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	714120	80.59	ng	-0.05
78) Terphenyl-d14	12.65	244	479422	66.97	ng	-0.05
Target Compounds						
10) Phenol	6.24	94	4621	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	57072	15.14	ng	# 67
25) Isophorone	7.14	82	430800	41.62	ng	# 65
31) Naphthalene	7.87	128	44230	2.74	ng	99
37) 2-Methylnaphthalene	8.56	142	37864	3.56	ng	98
45) 1,1'-Biphenyl	9.03	154	5735	Below Cal		99
48) Acenaphthylene	9.45	152	95345	6.68	ng	99
49) Dimethylphthalate	9.32	163	147029	14.63	ng	99
53) 2,4-Dinitrophenol	9.88	184	213	3.32	ng	# 15
57) Fluorene	10.14	166	13898	Below Cal	#	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	584	2.55	ng	90
66) 4-Bromophenyl-phenylether	10.38	248	7622	3.11	ng	# 1
70) Phenanthrene	11.10	178	166246	13.86	ng	97
71) Anthracene	11.14	178	88362	7.31	ng	98
72) Carbazole	11.31	167	26102	2.31	ng	97
74) Fluoranthene	12.27	202	445245	35.18	ng	98
77) Pyrene	12.50	202	445338	36.84	ng	99
80) Benzo(a)anthracene	13.69	228	320303	34.51	ng	# 90
82) Chrysene	13.69	228	320303	36.68	ng	95
85) Indeno(1,2,3-cd)pyrene	16.29	276	94564	11.65	ng	# 100
87) Benzo(b)fluoranthene	14.70	252	421200	40.43	ng	# 95
88) Benzo(k)fluoranthene	14.70	252	421200	53.60	ng	98
89) Benzo(a)pyrene	14.95	252	135940	16.13	ng	99
90) Dibenzo(a,h)anthracene	16.29	278	27456	3.51	ng	# 81
91) Benzo(g,h,i)perylene	16.65	276	77715	9.65	ng	96

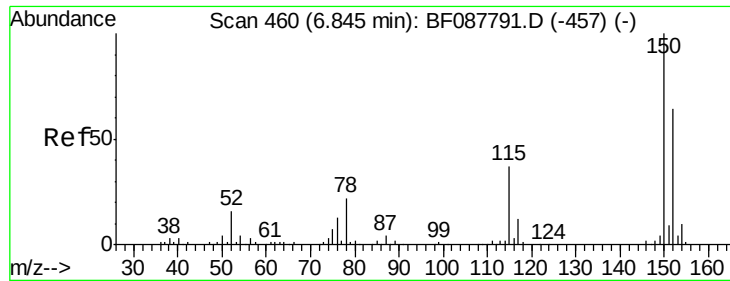
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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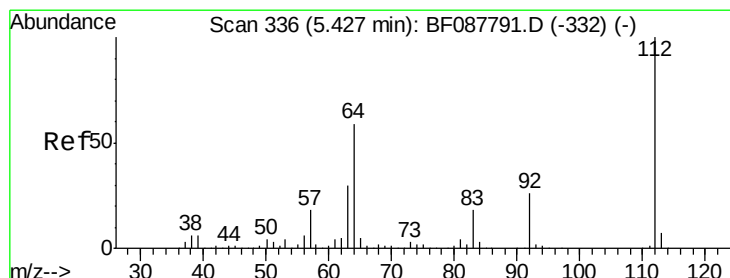
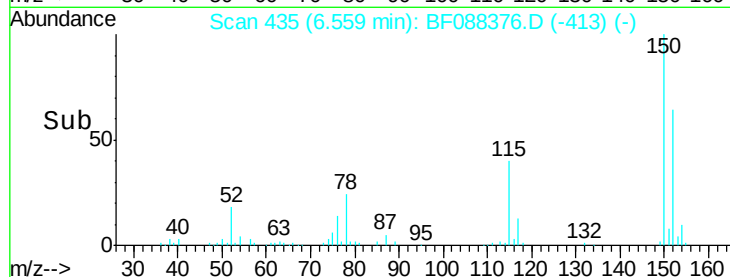
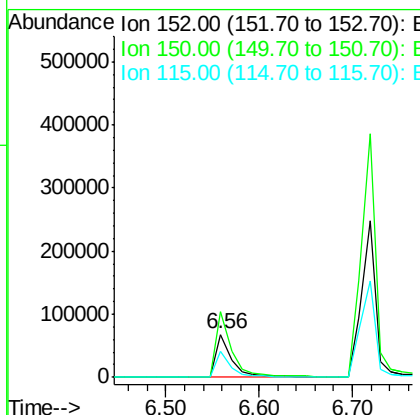
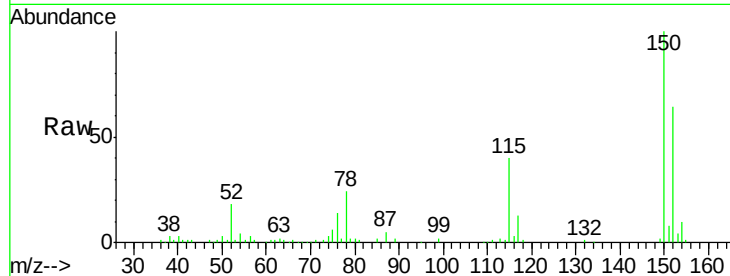




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.05 min
 Lab File: BF088376.D
 Acq: 25 Jun 2016 14:49

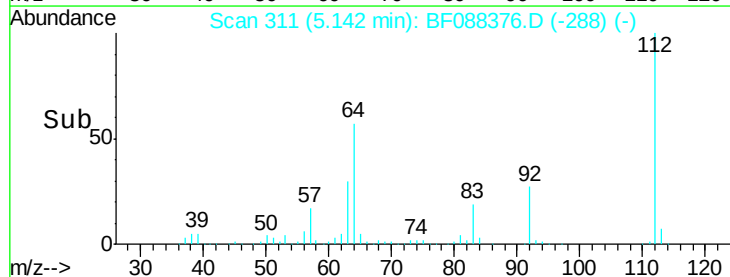
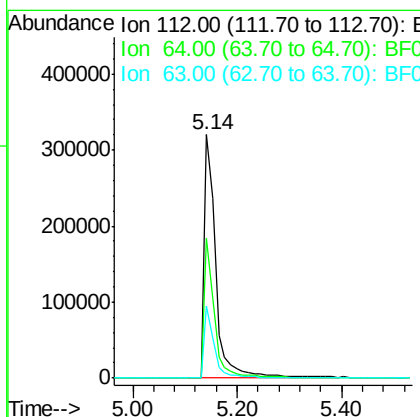
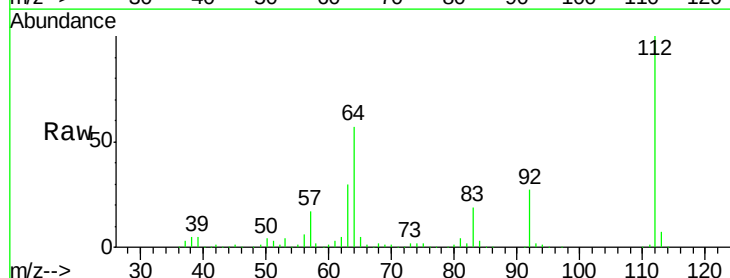
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1447(0-4)

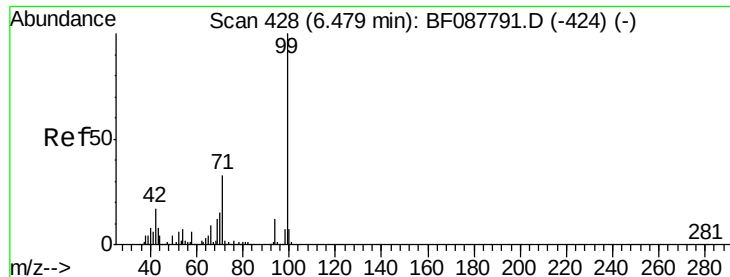
Tgt Ion:152 Resp: 83147
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.8 185.6
 115 61.3 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 102.69 ng
 RT: 5.14 min Scan# 311
 Delta R.T. -0.03 min
 Lab File: BF088376.D
 Acq: 25 Jun 2016 14:49

Tgt Ion:112 Resp: 499457
 Ion Ratio Lower Upper
 112 100
 64 57.5 42.2 63.2
 63 29.8 21.8 32.8





#7

Phenol-d6

Concen: 104.92 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

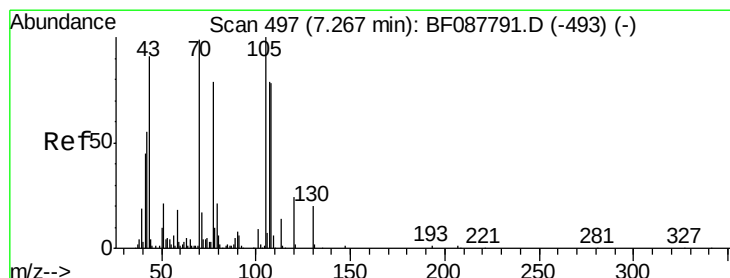
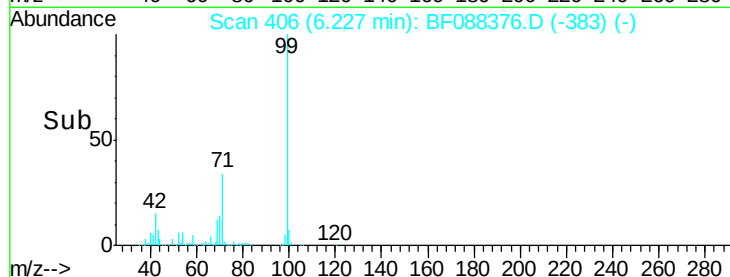
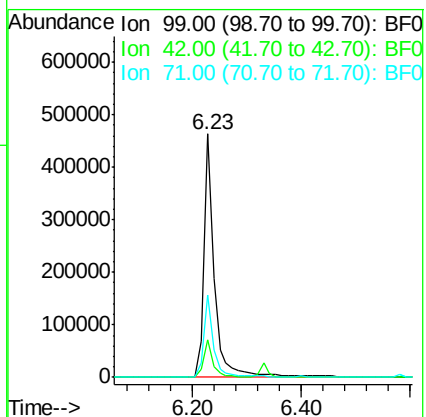
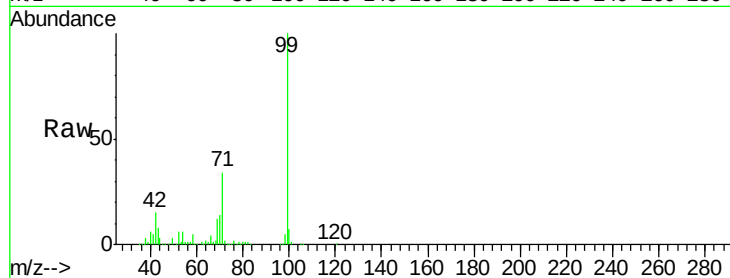
Tgt Ion: 99 Resp: 618469

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

71 33.9 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.14 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.10 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Tgt Ion: 70 Resp: 57072

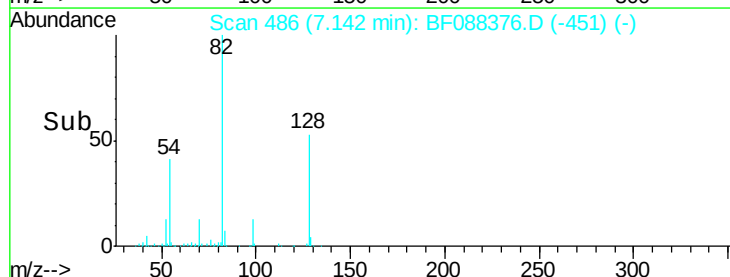
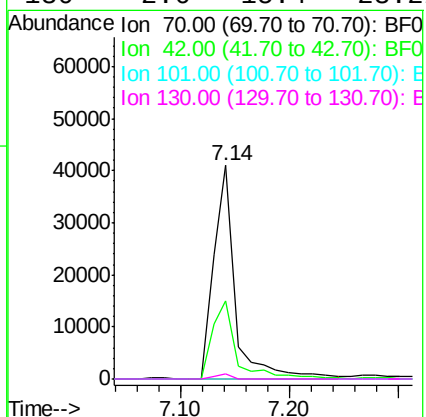
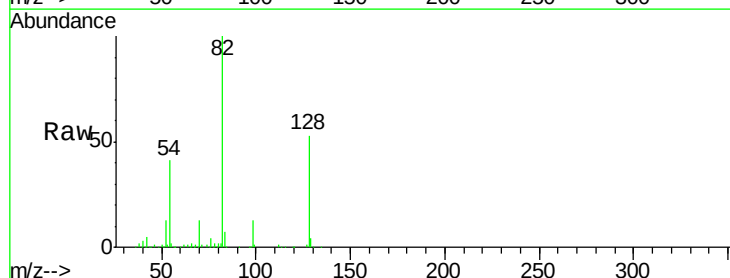
Ion Ratio Lower Upper

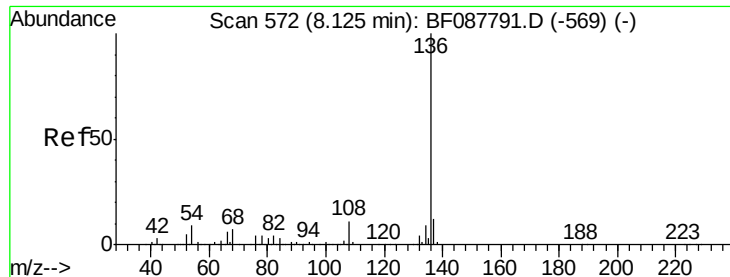
70 100

42 36.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

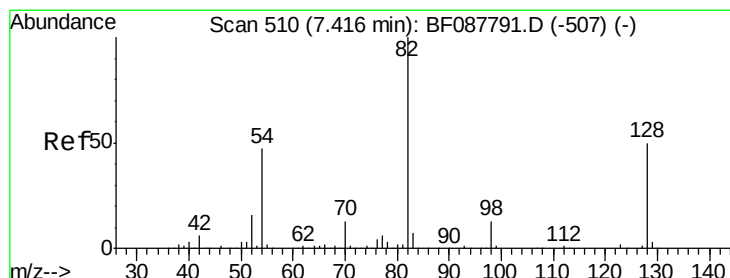
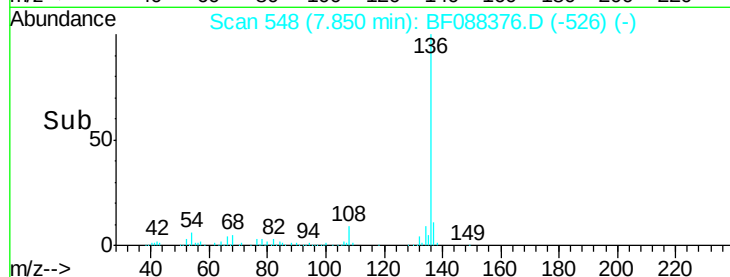
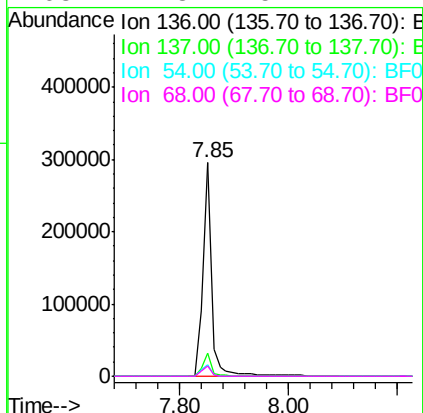
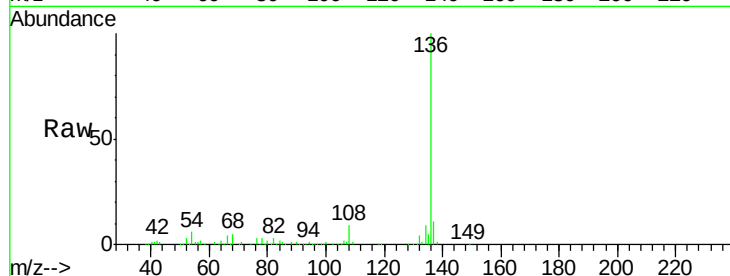




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088376.D
Acq: 25 Jun 2016 14:49

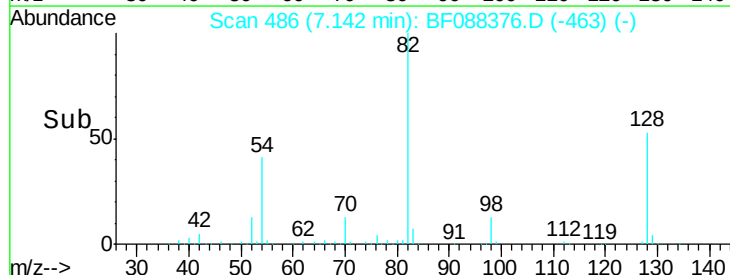
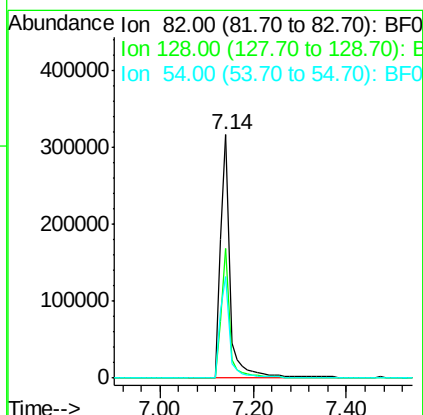
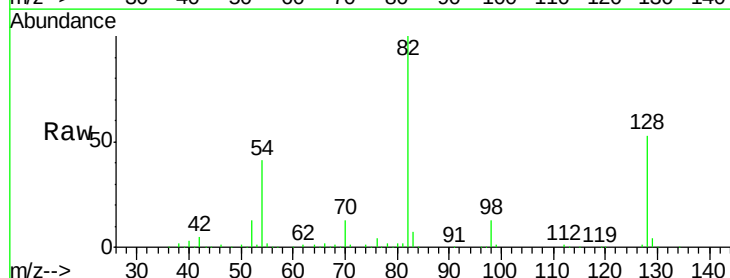
Instrument :
BNA_F
ClientSampleId :
SC-STA-1447(0-4)

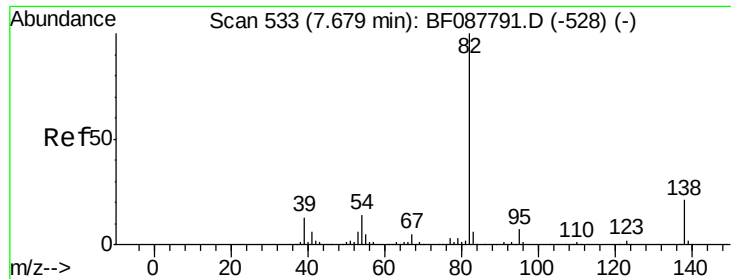
Tgt Ion:	136	Resp:	326306
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.6	6.6	10.0#
68	4.8	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 79.21 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF088376.D
Acq: 25 Jun 2016 14:49

Tgt Ion:	82	Resp:	442606
Ion	Ratio	Lower	Upper
82	100		
128	53.4	35.9	53.9
54	41.4	40.9	61.3





#25

Isophorone

Concen: 41.62 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.30 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

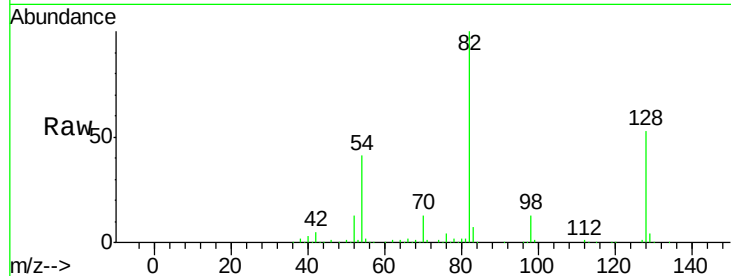
Tgt Ion: 82 Resp: 430800

Ion Ratio Lower Upper

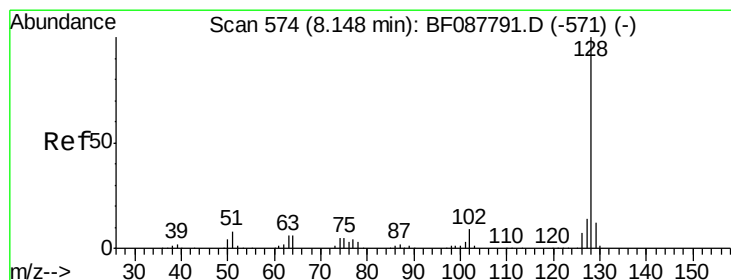
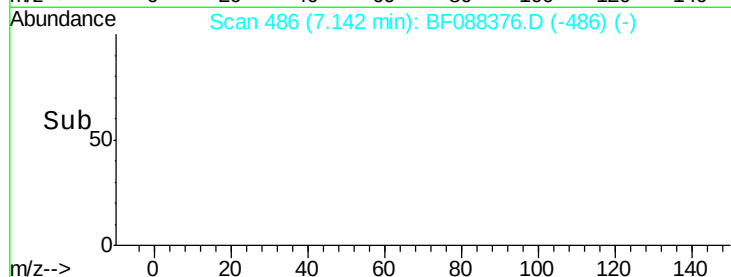
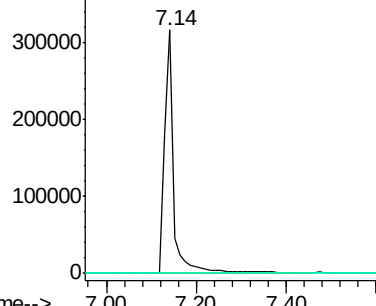
82 100

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): E



#31

Naphthalene

Concen: 2.74 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

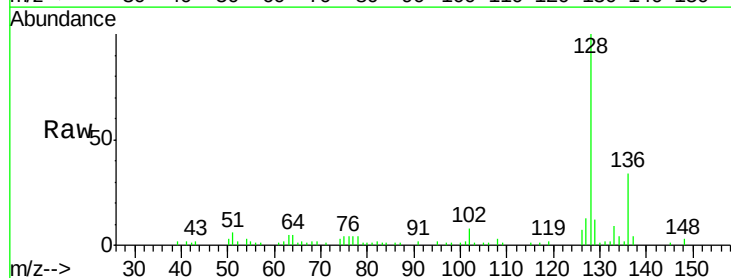
Tgt Ion: 128 Resp: 44230

Ion Ratio Lower Upper

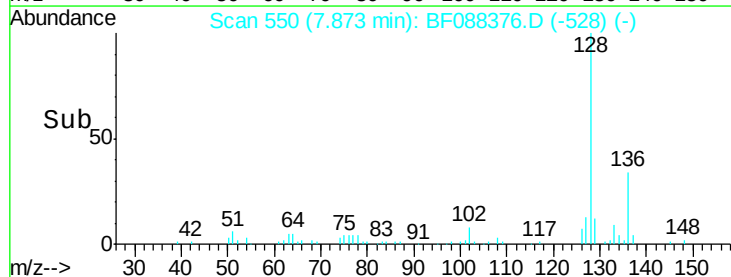
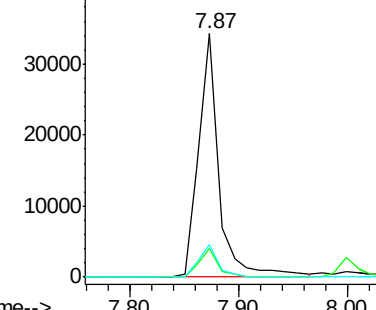
128 100

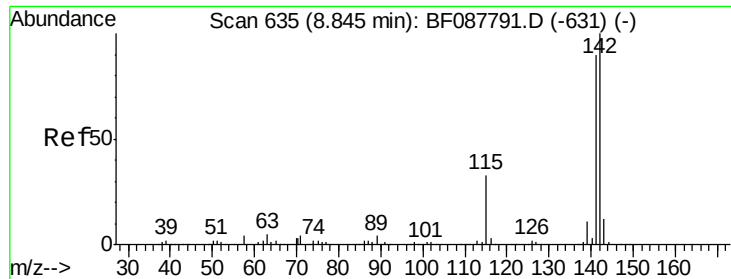
129 11.7 9.4 14.2

127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

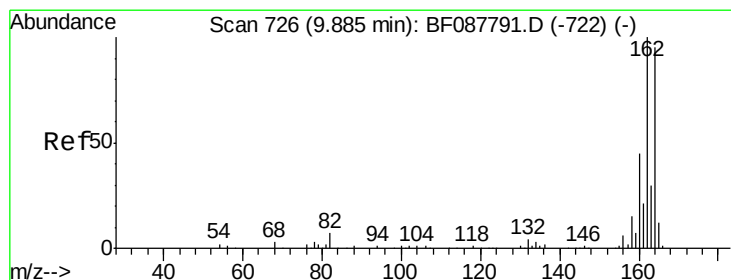
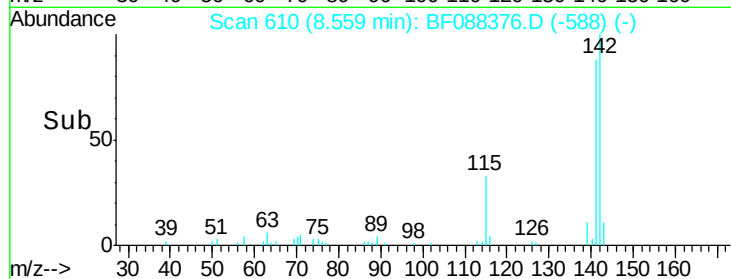
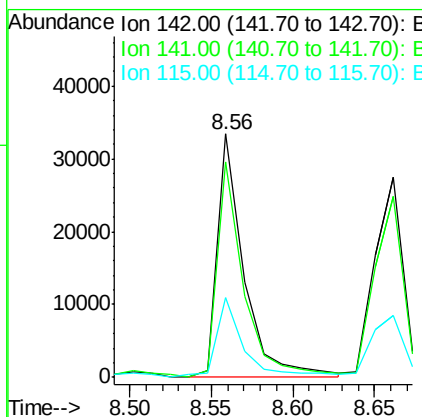
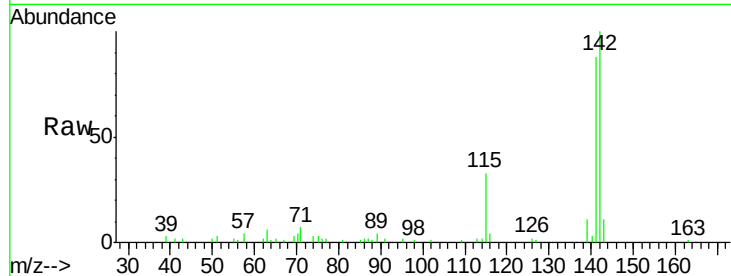




#37
 2-Methylnaphthalene
 Concen: 3.56 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF088376.D
 Acq: 25 Jun 2016 14:49

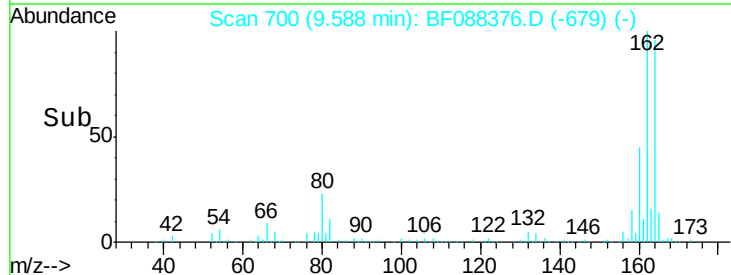
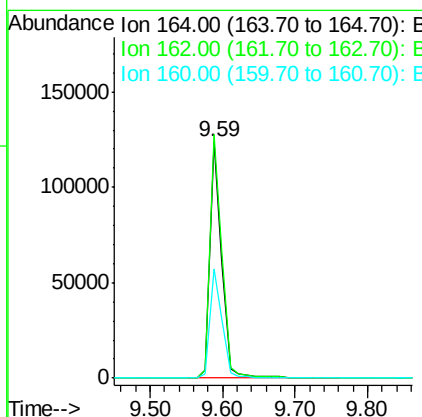
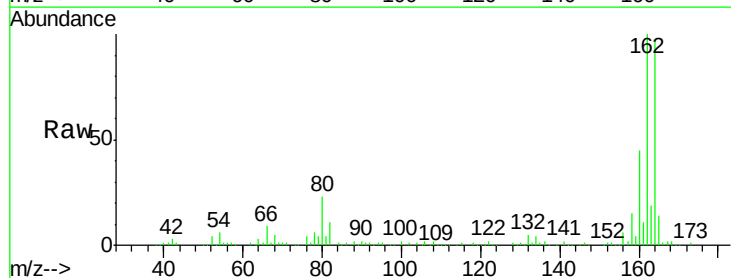
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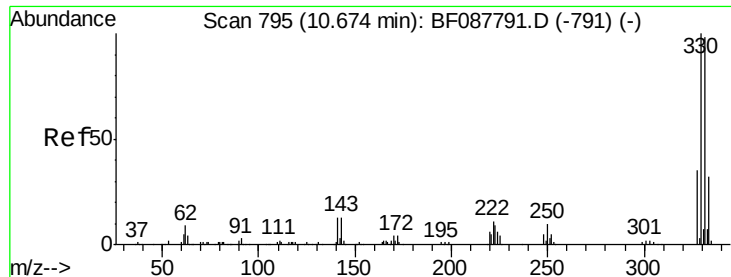
Tgt Ion:142 Resp: 37864
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.0 106.6
 115 33.0 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088376.D
 Acq: 25 Jun 2016 14:49

Tgt Ion:164 Resp: 138703
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.4 128.2
 160 46.1 39.5 59.3

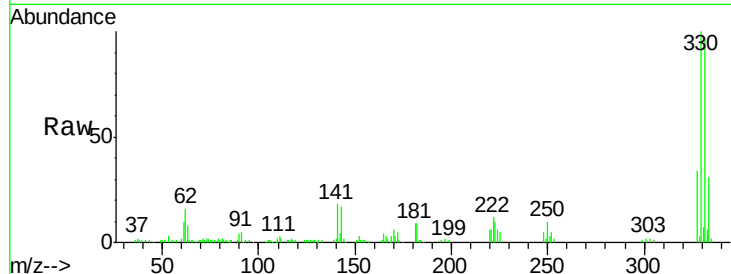




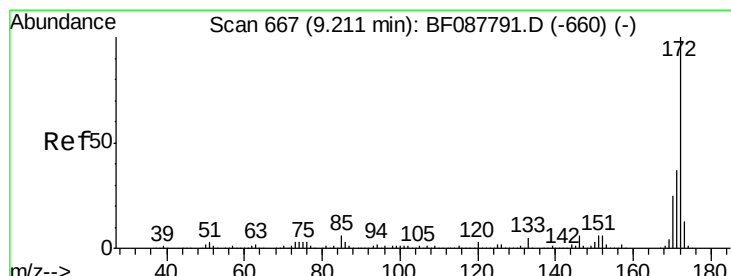
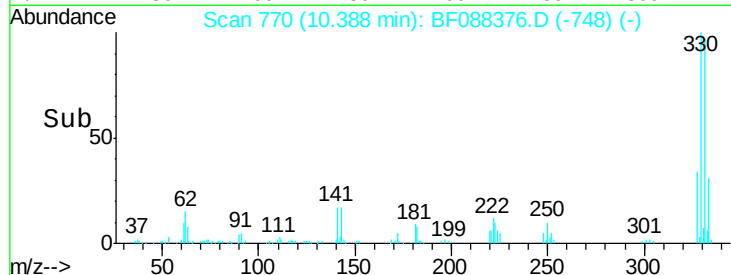
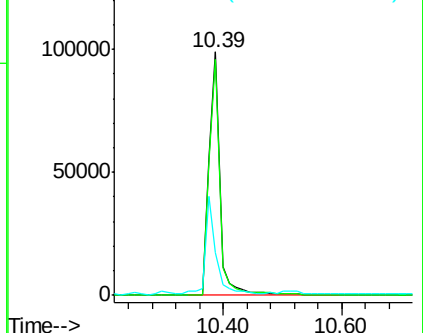
#41
 2,4,6-Tribromophenol
 Concen: 86.52 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088376.D
 Acq: 25 Jun 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1447(0-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	38.7	0.0	0.0#

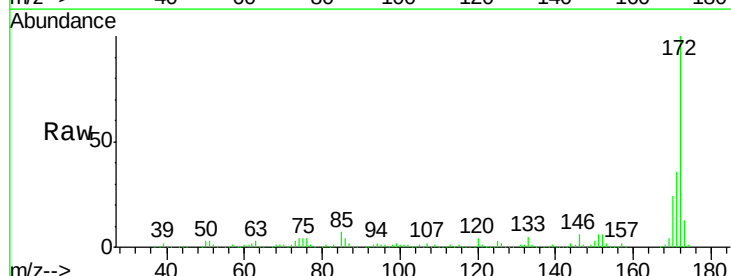


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

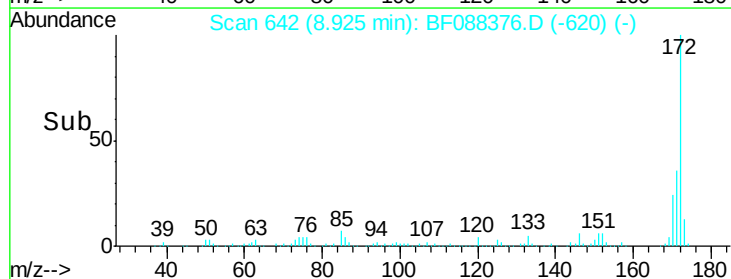
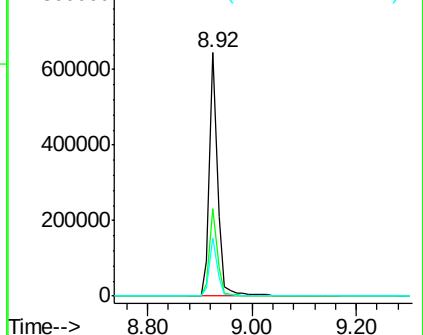


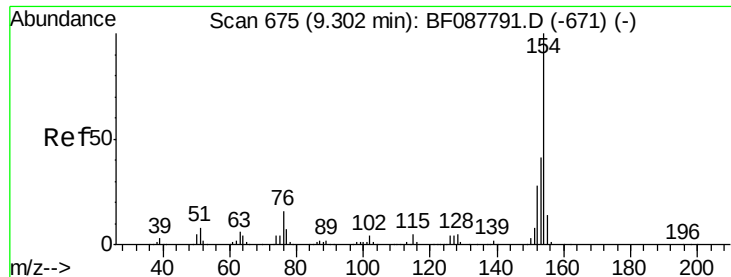
#44
 2-Fluorobiphenyl
 Concen: 80.59 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088376.D
 Acq: 25 Jun 2016 14:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.2	28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.03 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

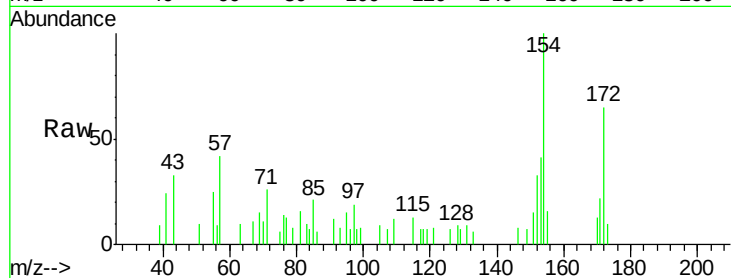
Tgt Ion:154 Resp: 5735

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

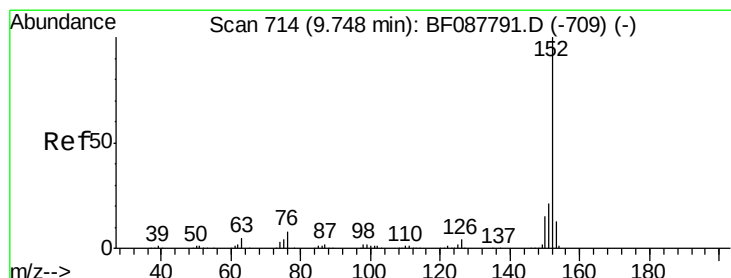
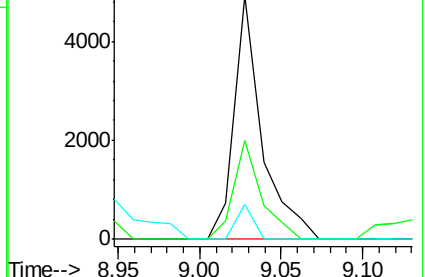
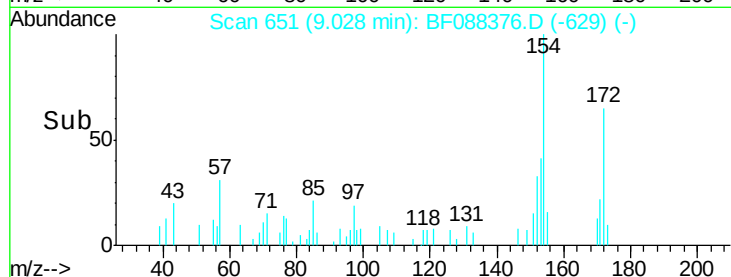
76 14.5 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 6.68 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

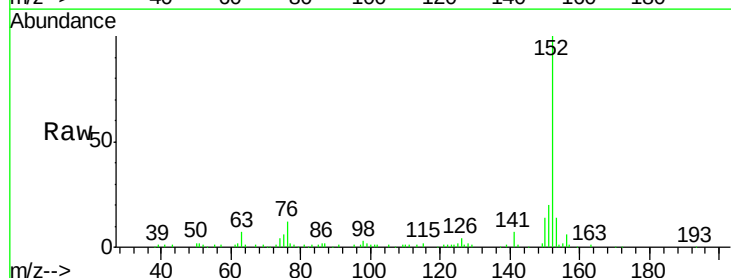
Tgt Ion:152 Resp: 95345

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

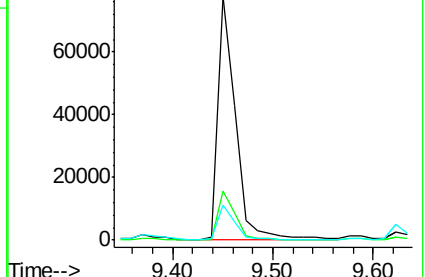
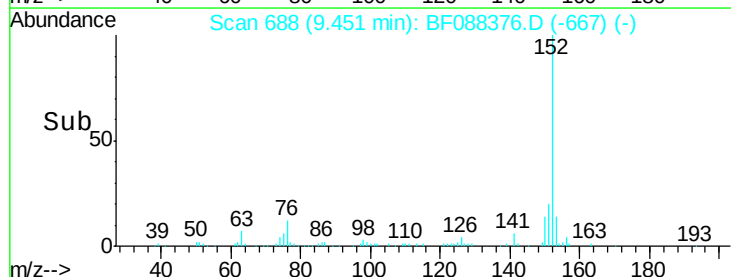
153 14.4 11.0 16.6

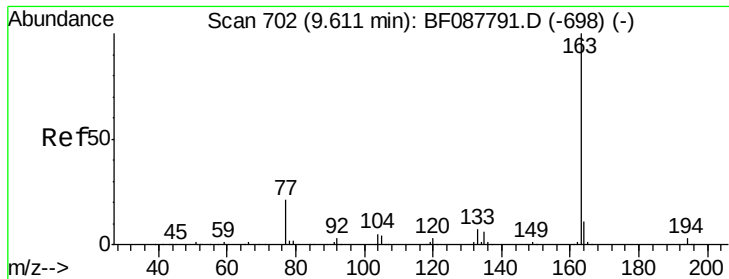


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 14.63 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

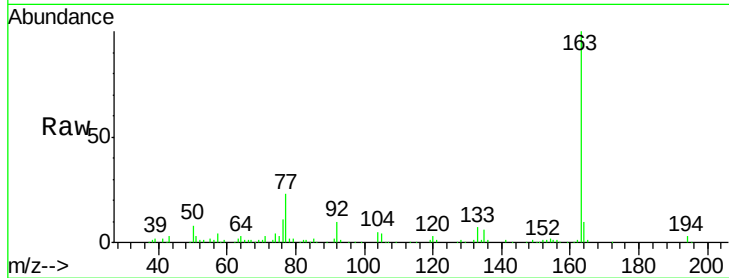
Tgt Ion:163 Resp: 147029

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

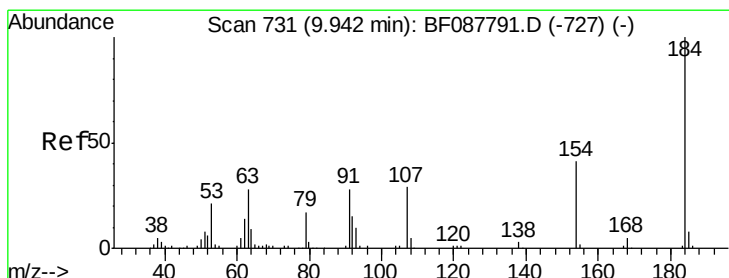
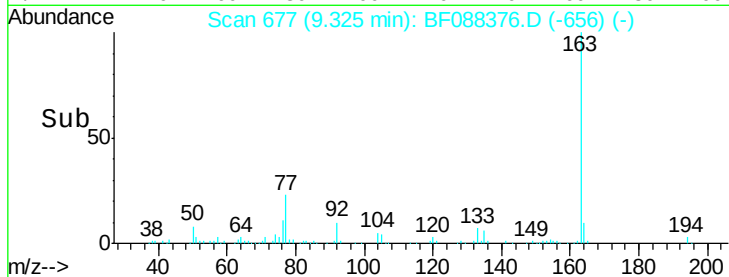
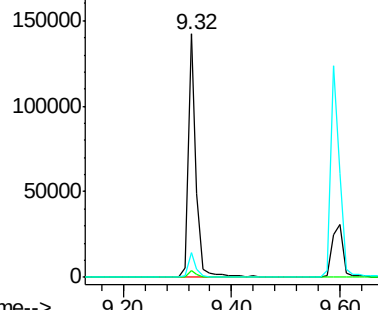
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 3.32 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.15 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

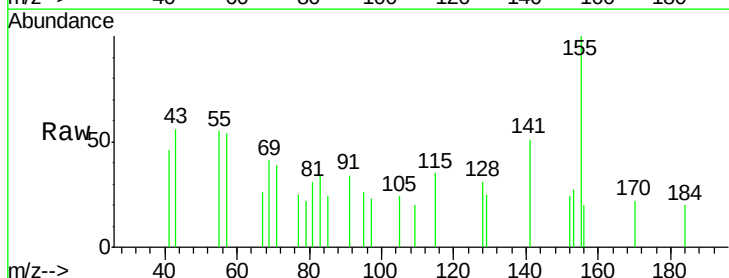
Tgt Ion:184 Resp: 213

Ion Ratio Lower Upper

184 100

63 0.0 57.6 86.4#

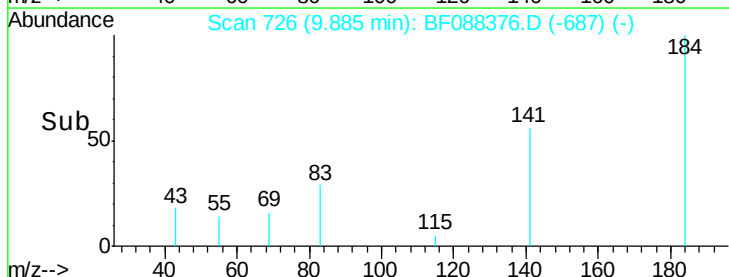
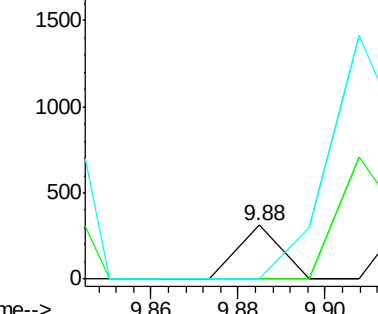
154 0.0 53.5 80.3#

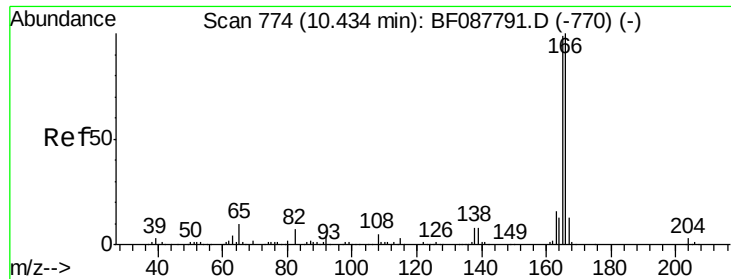


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#57

Fluorene

Concen: Below Cal

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

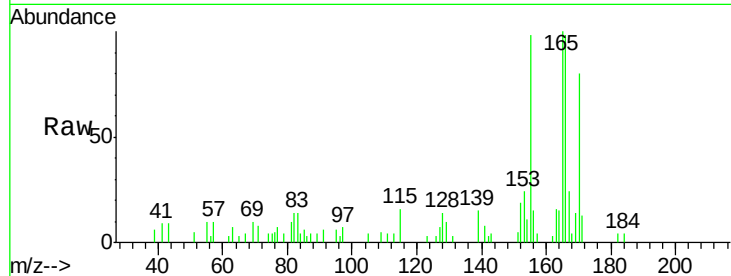
Tgt Ion:166 Resp: 13898

Ion Ratio Lower Upper

166 100

165 101.6 77.8 116.8

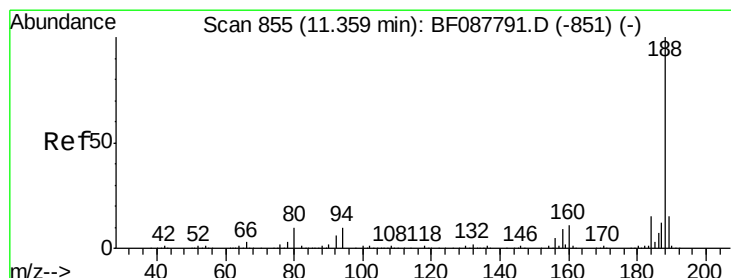
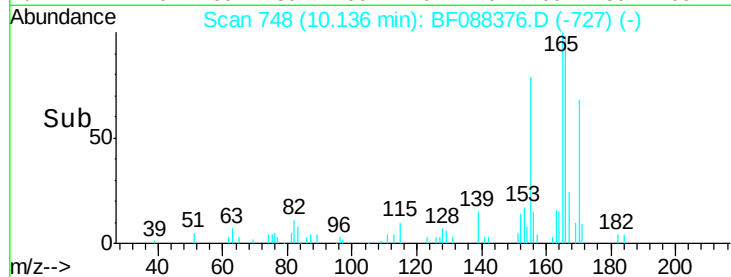
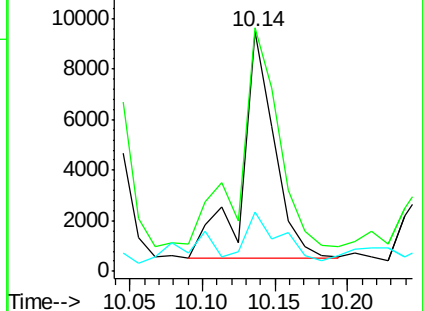
167 24.7 11.2 16.8#



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: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

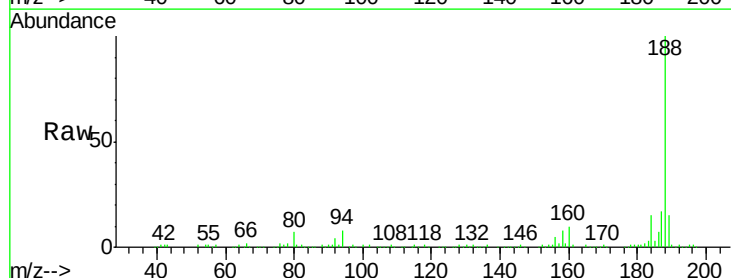
Tgt Ion:188 Resp: 228517

Ion Ratio Lower Upper

188 100

94 7.5 9.0 13.6#

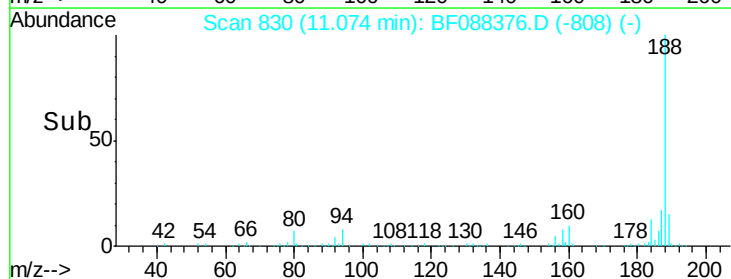
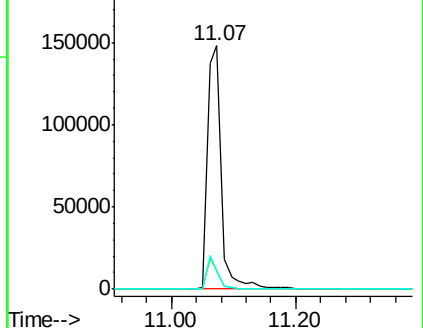
80 7.4 10.0 15.0#

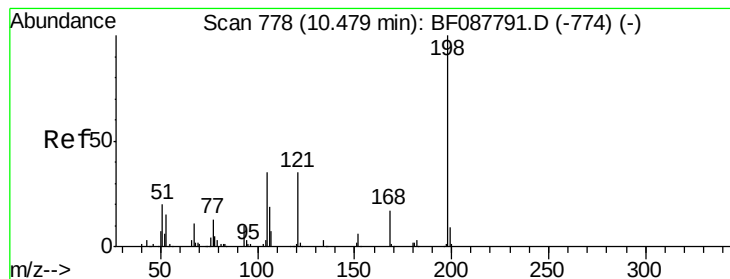


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.55 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.15 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

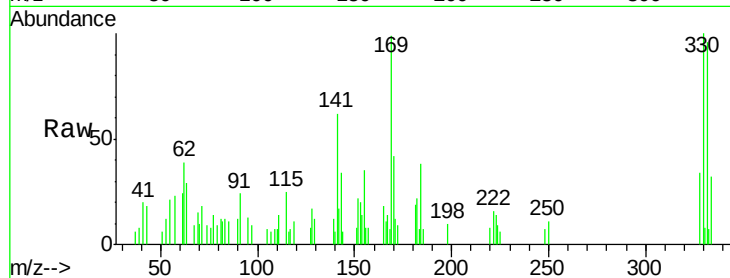
Tgt Ion:198 Resp: 584

Ion Ratio Lower Upper

198 100

51 60.8 39.6 79.6

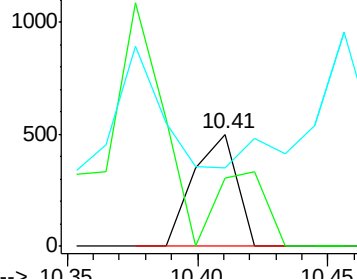
105 70.6 36.6 76.6



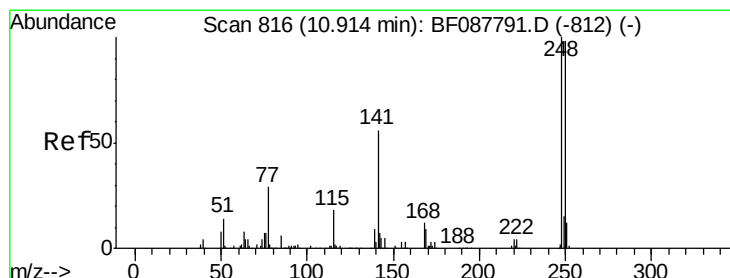
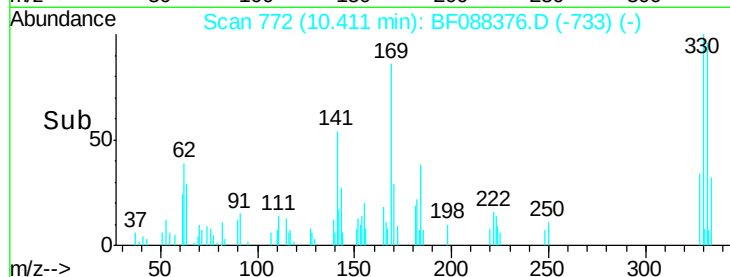
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time--> 10.35 10.40 10.45



#66

4-Bromophenyl-phenylether

Concen: 3.11 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.30 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

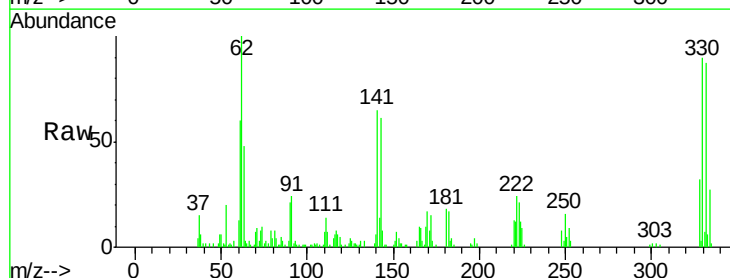
Tgt Ion:248 Resp: 7622

Ion Ratio Lower Upper

248 100

250 194.8 77.1 115.7#

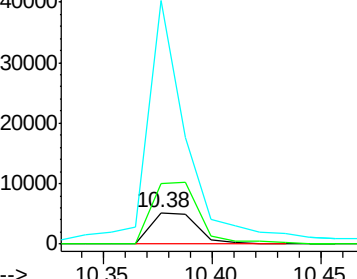
141 778.3 50.6 76.0#



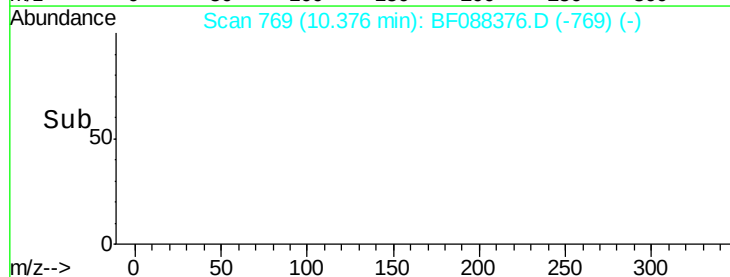
Abundance Ion 248.00 (247.70 to 248.70): E

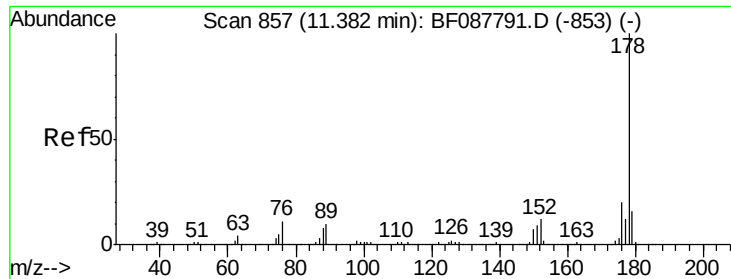
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 10.35 10.40 10.45

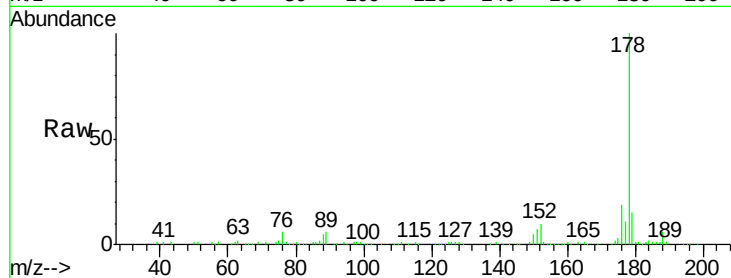




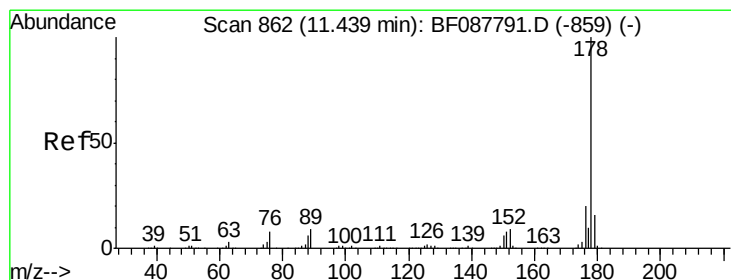
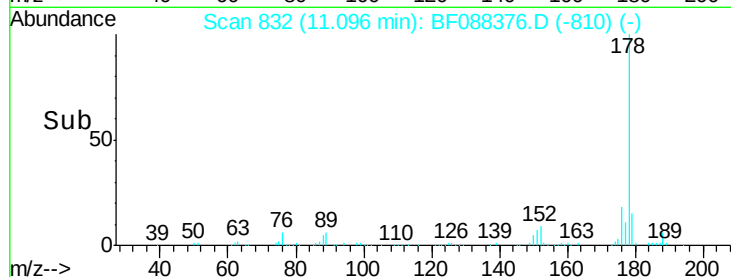
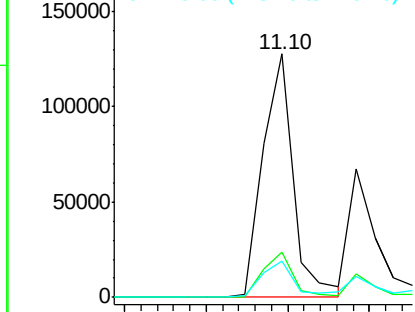
#70
Phenanthrene
Concen: 13.86 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.05 min
Lab File: BF088376.D
Acq: 25 Jun 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SC-STA-1447(0-4)

Tgt Ion:178 Resp: 166246
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.6
179 15.0 13.0 19.4

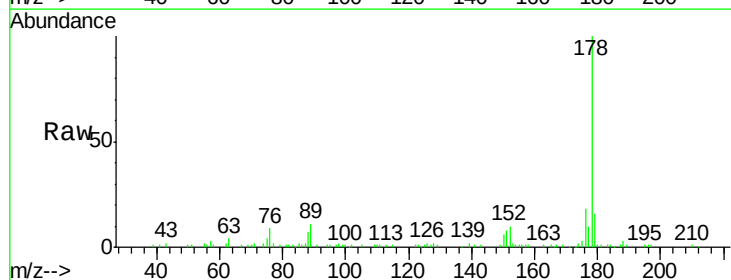


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

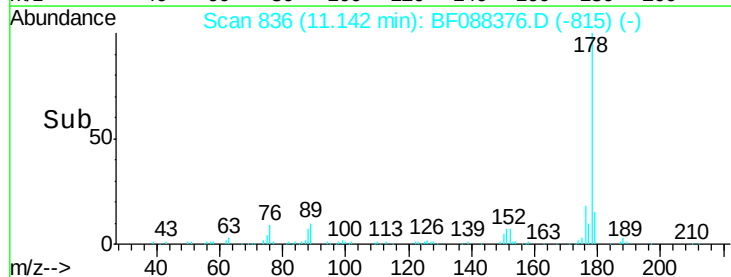
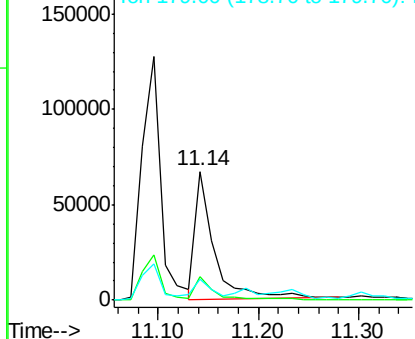


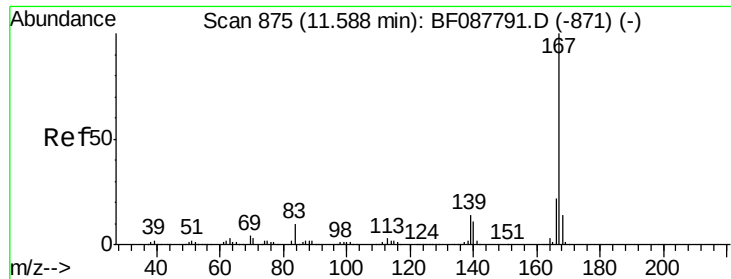
#71
Anthracene
Concen: 7.31 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.06 min
Lab File: BF088376.D
Acq: 25 Jun 2016 14:49

Tgt Ion:178 Resp: 88362
Ion Ratio Lower Upper
178 100
176 18.2 15.6 23.4
179 16.3 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: 2.31 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

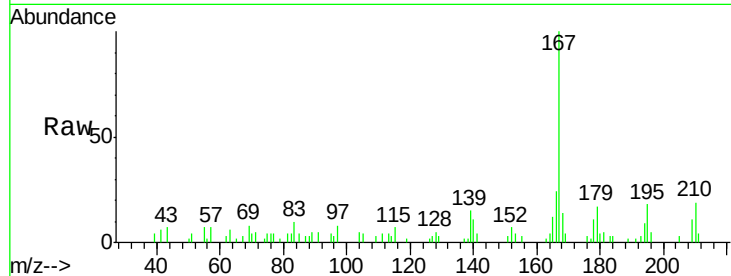
Tgt Ion:167 Resp: 26102

Ion Ratio Lower Upper

167 100

166 24.0 17.8 26.6

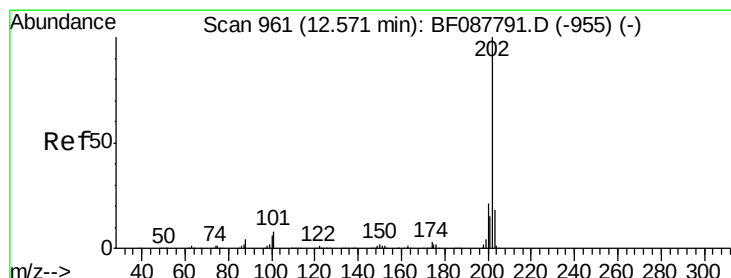
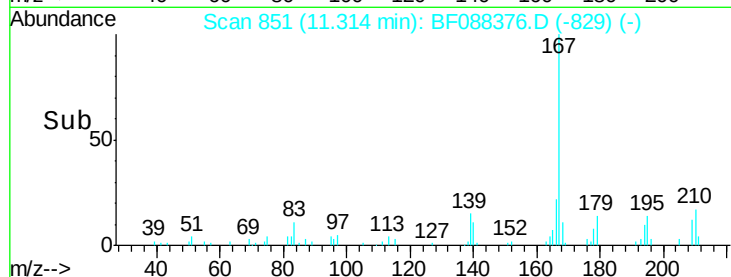
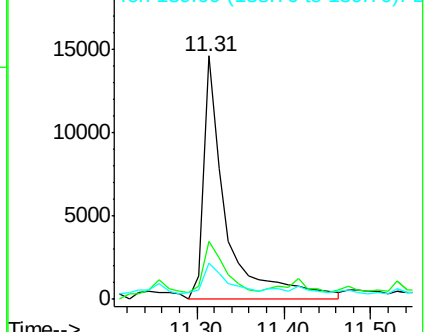
139 14.8 11.2 16.8



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: 35.18 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

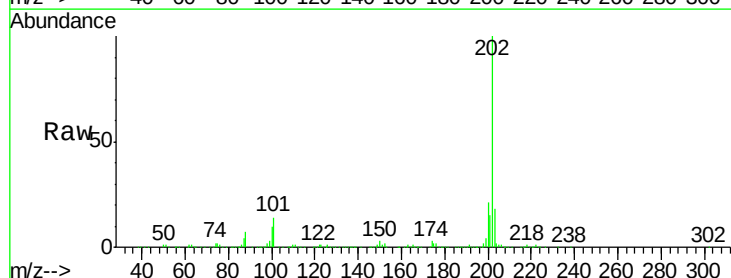
Tgt Ion:202 Resp: 445245

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.1

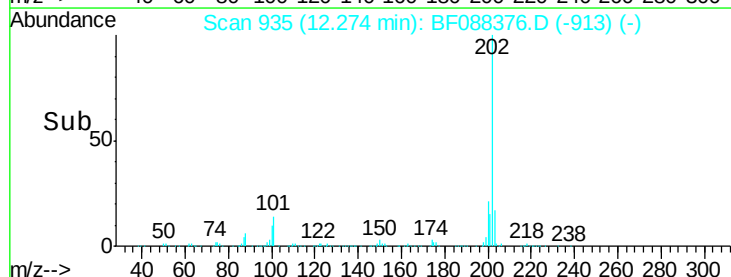
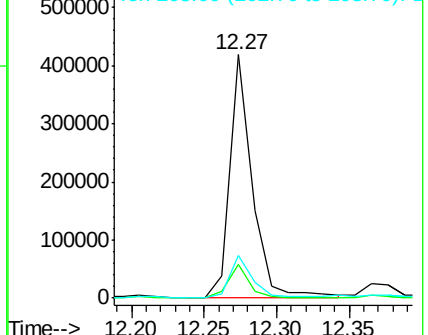
203 17.5 0.0 38.1

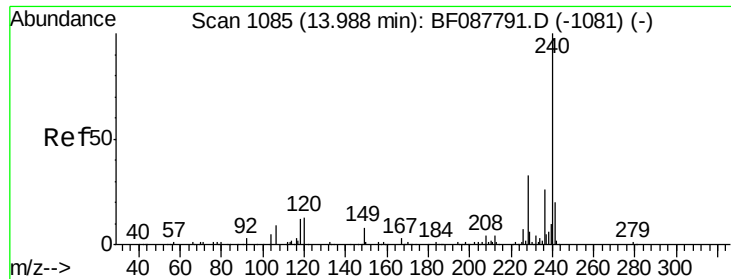


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

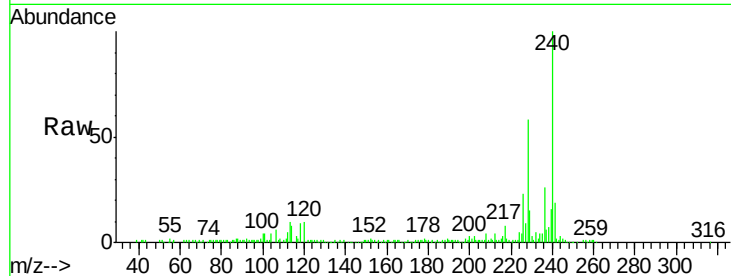
Tgt Ion:240 Resp: 162895

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

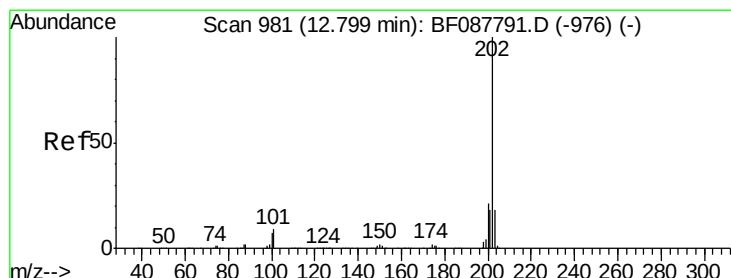
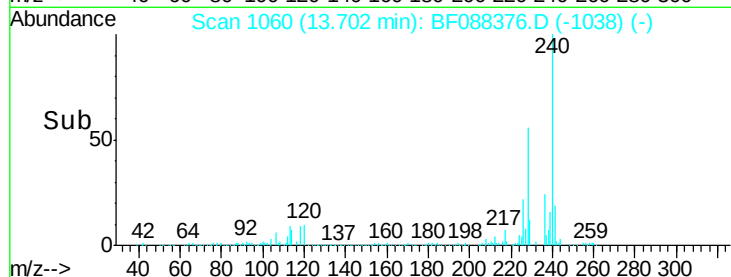
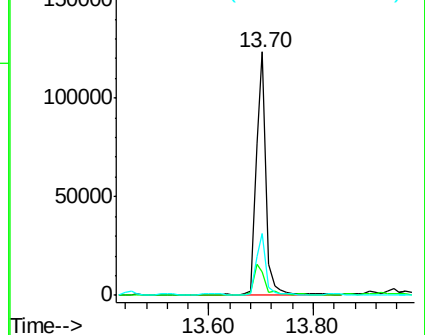
236 25.5 20.2 30.2



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: 36.84 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

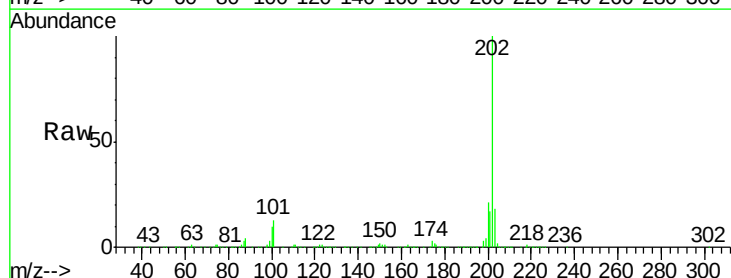
Tgt Ion:202 Resp: 445338

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

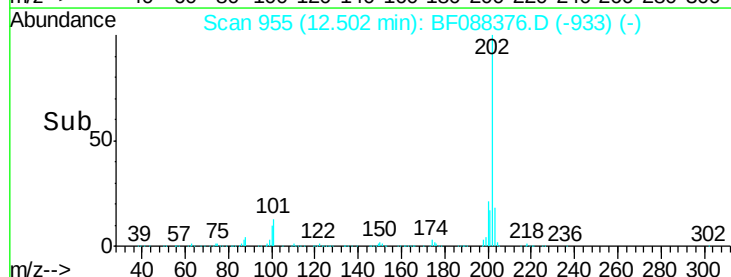
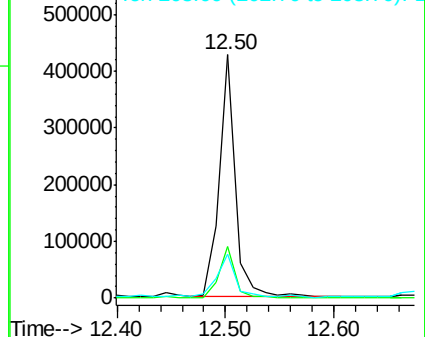
203 17.8 14.5 21.7

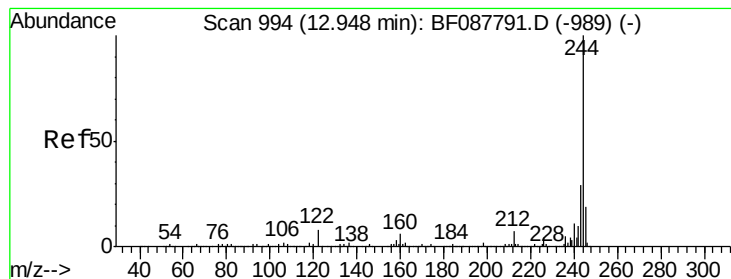


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.97 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

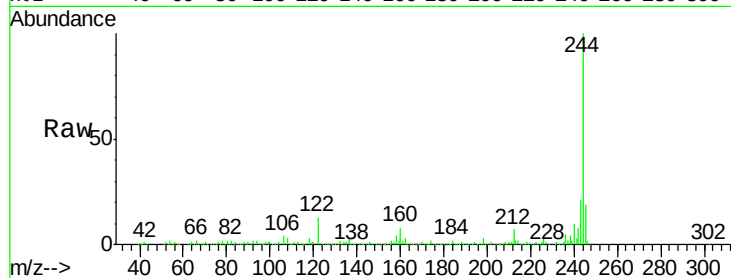
Tgt Ion:244 Resp: 479422

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

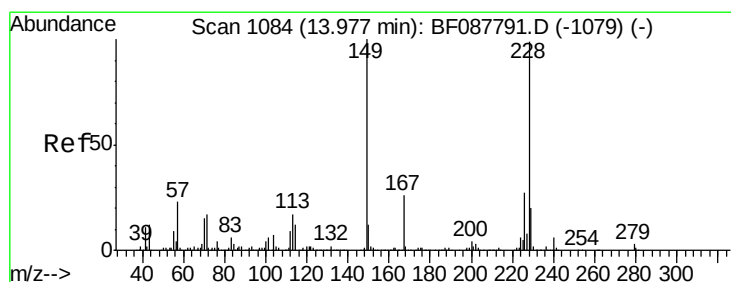
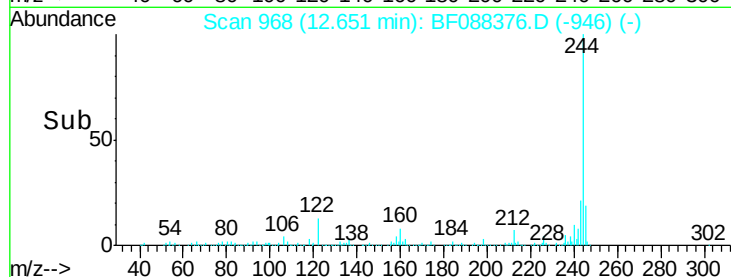
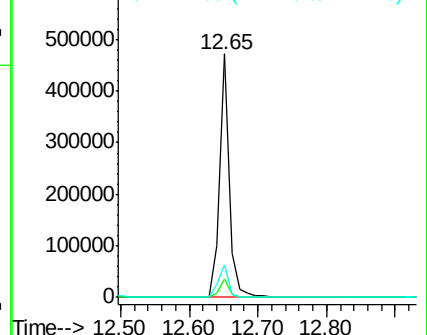
122 13.4 11.2 16.8



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: 34.51 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

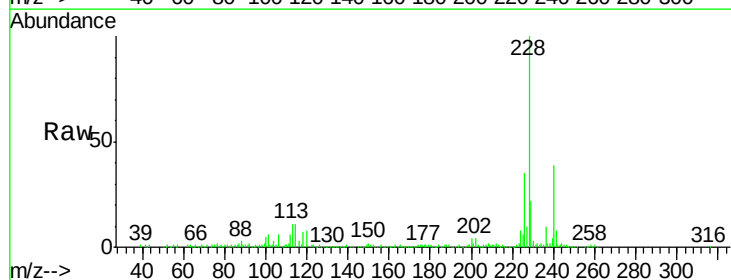
Tgt Ion:228 Resp: 320303

Ion Ratio Lower Upper

228 100

226 35.4 22.3 33.5#

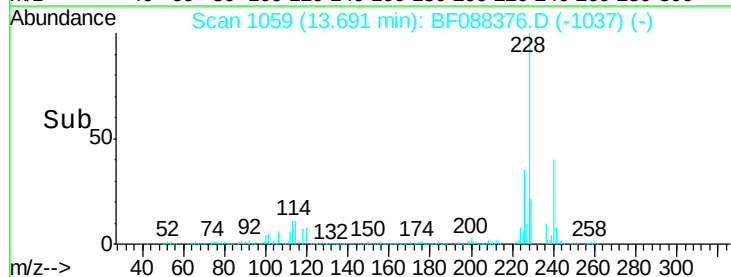
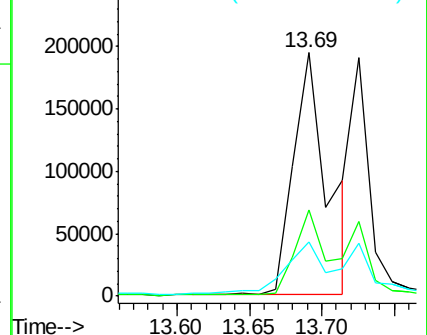
229 22.0 16.0 24.0

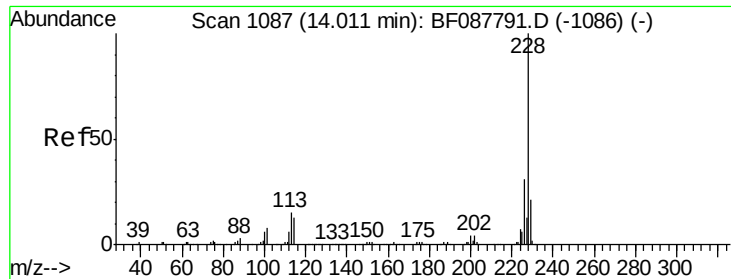


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 36.68 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.08 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

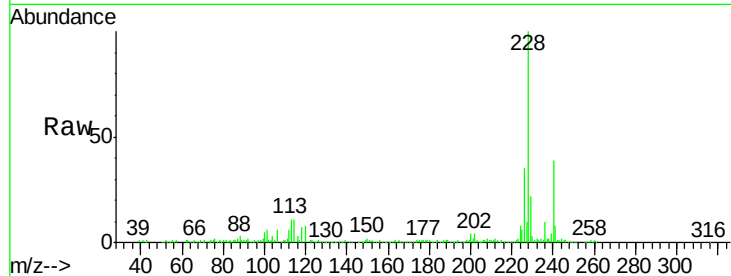
Tgt Ion:228 Resp: 320303

Ion Ratio Lower Upper

228 100

226 35.4 25.4 38.2

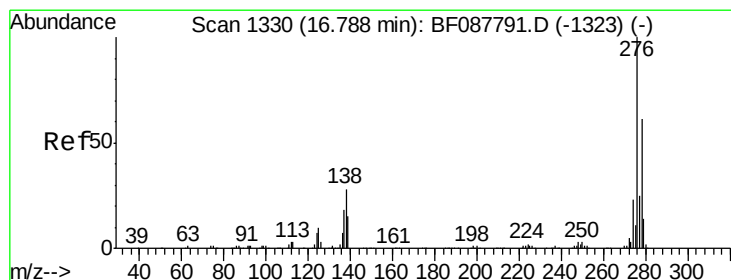
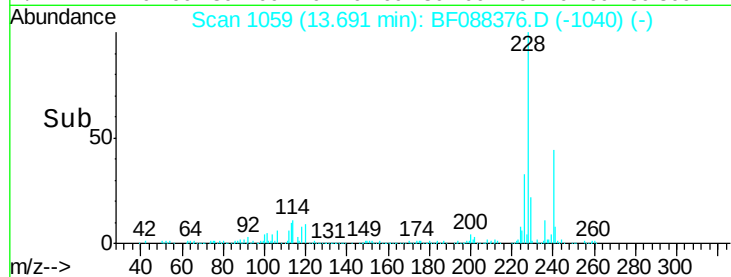
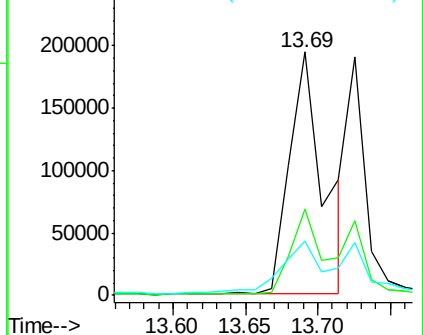
229 22.0 16.3 24.5



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: 11.65 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

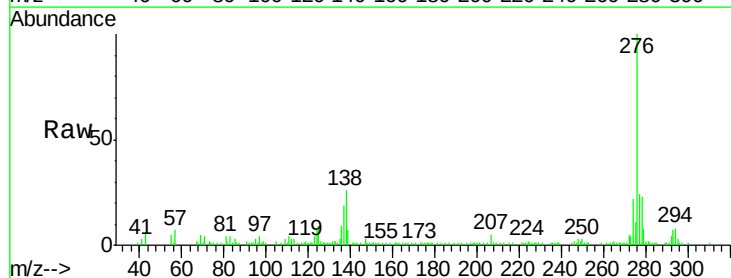
Tgt Ion:276 Resp: 94564

Ion Ratio Lower Upper

276 100

138 26.7 0.0 0.0#

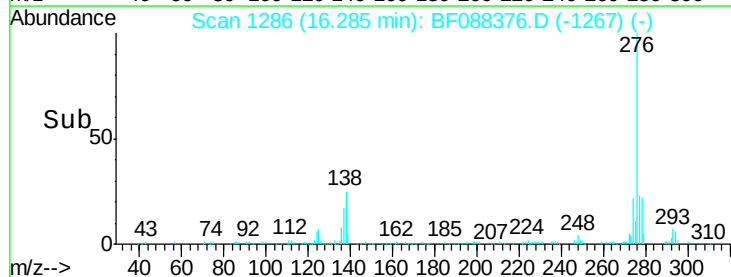
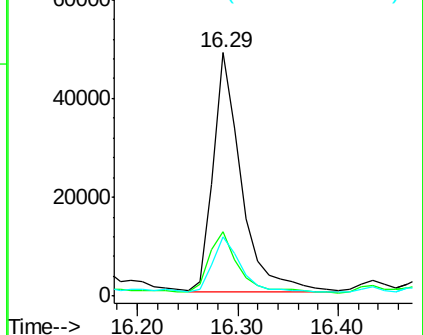
277 23.3 0.0 0.0#

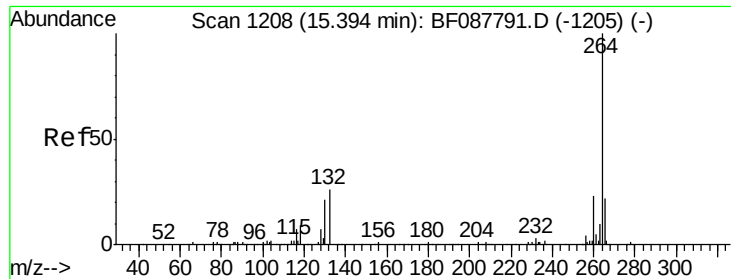


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

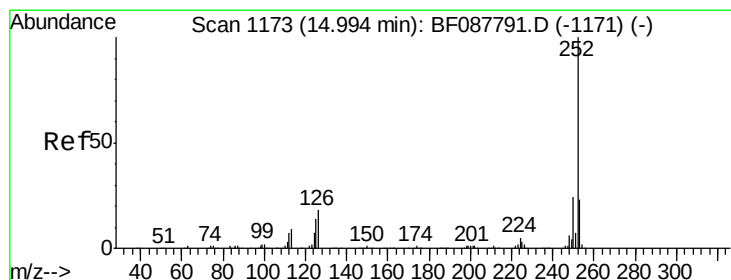
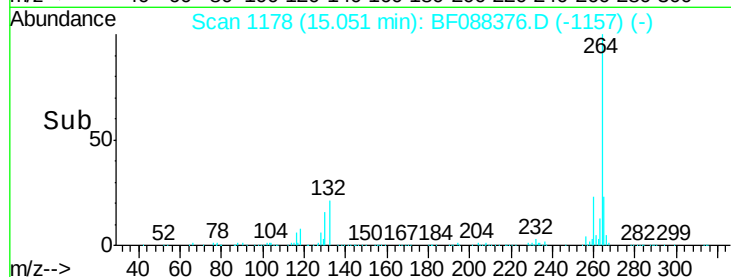
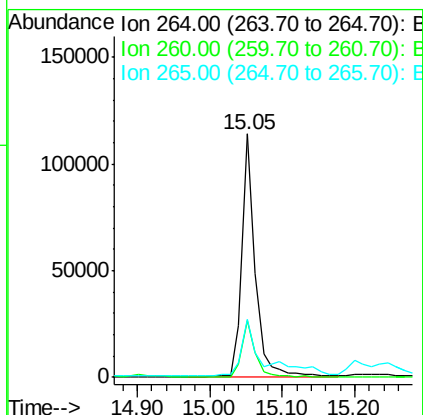
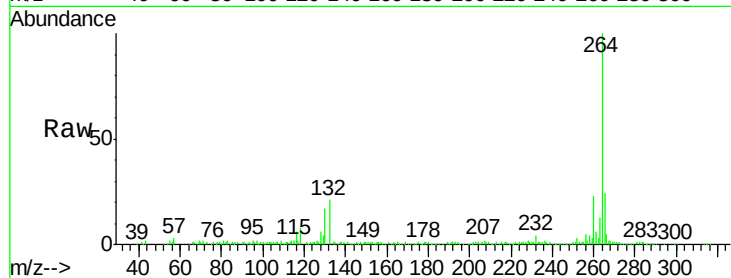




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088376.D
Acq: 25 Jun 2016 14:49

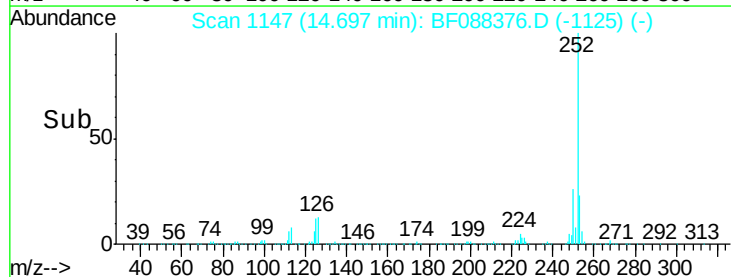
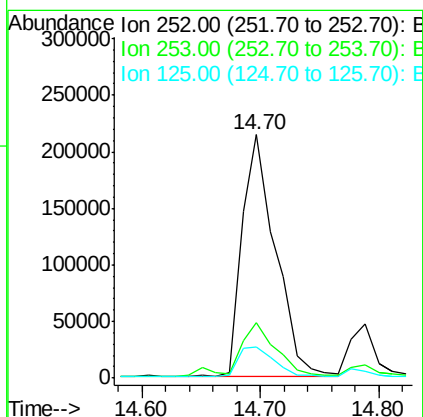
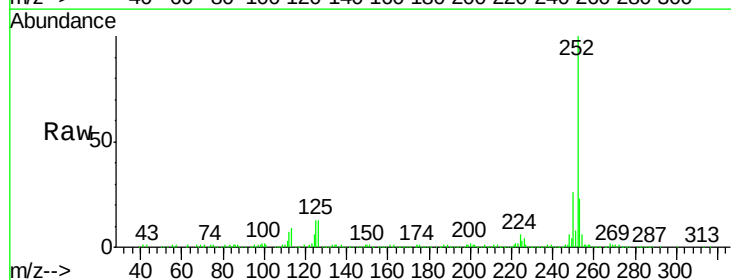
Instrument :
BNA_F
ClientSampleId :
SC-STA-1447(0-4)

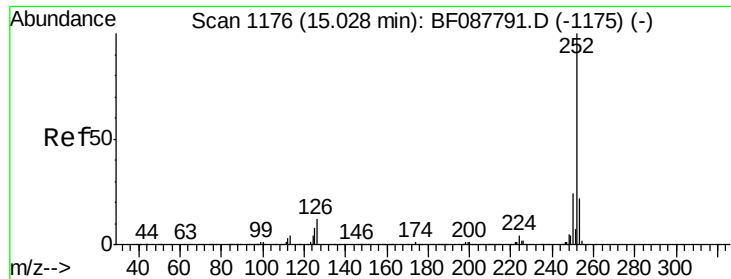
Tgt Ion: 264 Resp: 149460
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 23.6 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 40.43 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF088376.D
Acq: 25 Jun 2016 14:49

Tgt Ion: 252 Resp: 421200
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 12.9 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 53.60 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.07 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

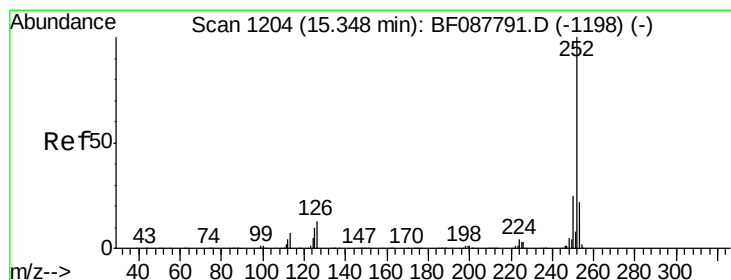
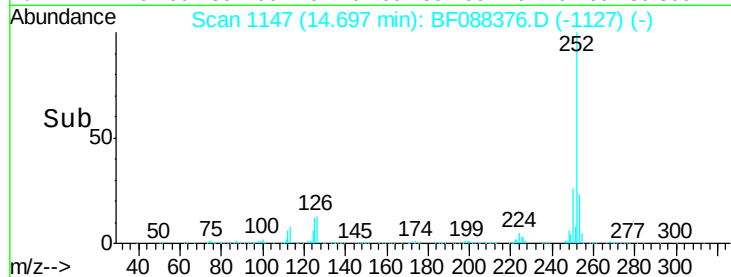
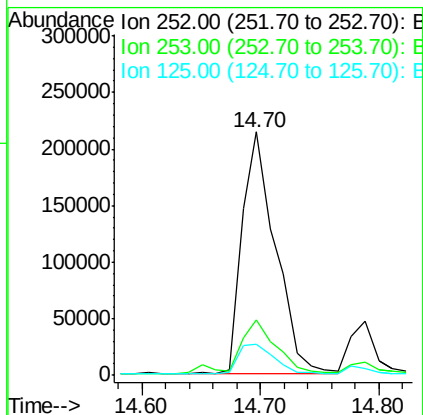
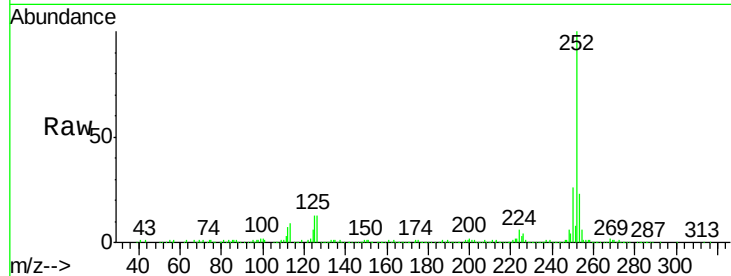
Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

Tgt Ion:	252	Resp:	421200
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	12.9	11.2	16.8



#89

Benzo(a)pyrene

Concen: 16.13 ng

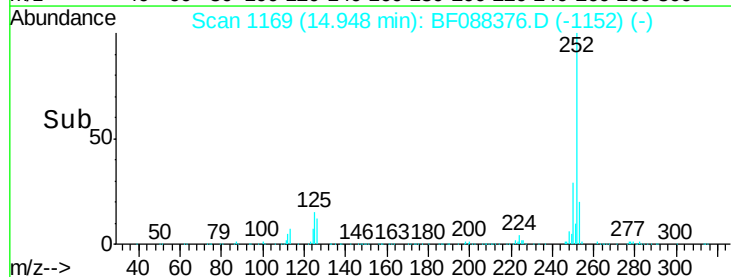
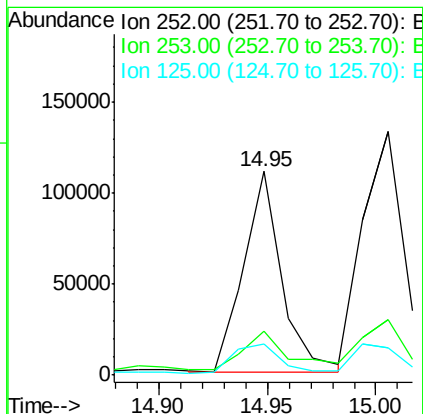
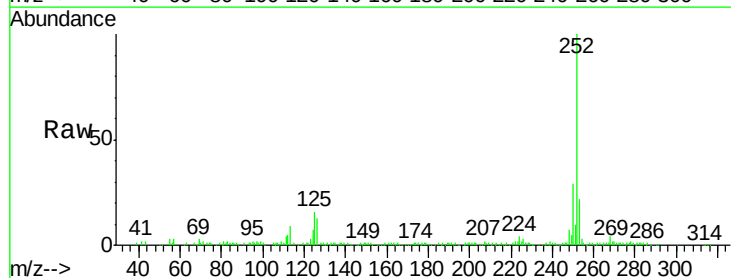
RT: 14.95 min Scan# 1169

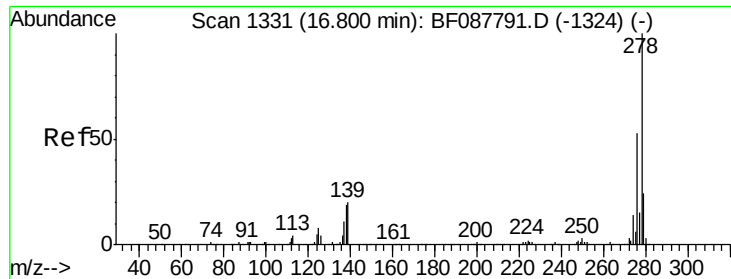
Delta R.T. -0.10 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Tgt Ion:	252	Resp:	135940
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	15.6	12.5	18.7





#90

Dibenzo(a,h)anthracene

Concen: 3.51 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

SC-STA-1447(0-4)

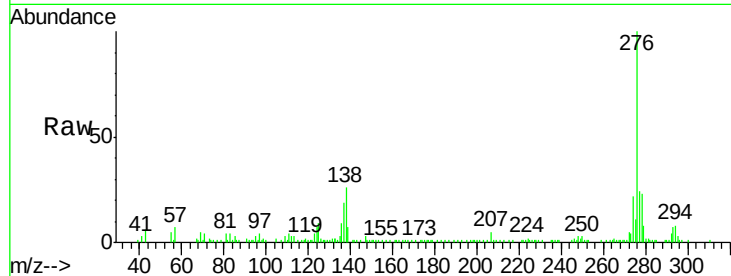
Tgt Ion:278 Resp: 27456

Ion Ratio Lower Upper

278 100

139 29.8 15.7 23.5#

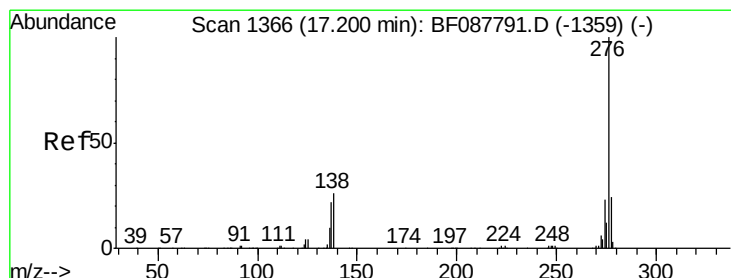
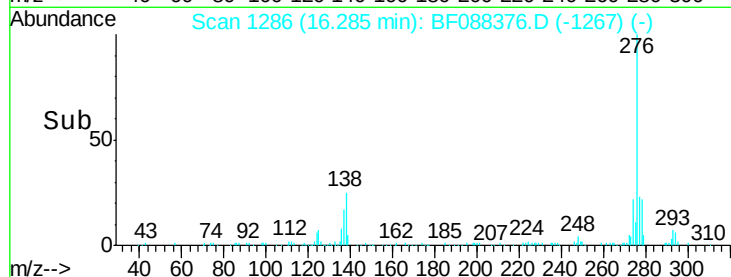
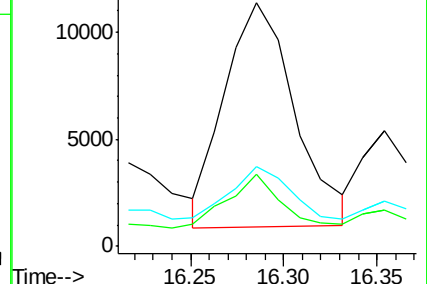
279 32.5 19.4 29.2#



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: 9.65 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.09 min

Lab File: BF088376.D

Acq: 25 Jun 2016 14:49

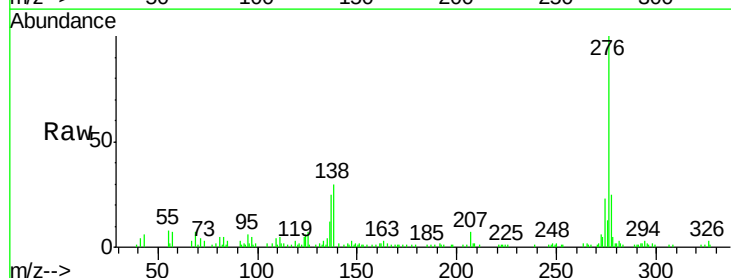
Tgt Ion:276 Resp: 77715

Ion Ratio Lower Upper

276 100

277 25.2 18.9 28.3

138 29.7 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

