

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
 Data File : BF087815.D
 Acq On : 8 Jun 2016 17:51
 Operator : UM/SJ
 Sample : H3378-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-14

Quant Time: Jun 09 01:59:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	74293	20.00	ng	0.14
21) Naphthalene-d8	8.11	136	444691	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	197800	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	318883	20.00	ng	0.00
75) Chrysene-d12	14.00	240	223347	20.00	ng	0.01
86) Perylene-d12	15.43	264	235291	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	139134	32.02	ng	-0.02
7) Phenol-d6	6.44	99	166466	31.61	ng	-0.03
23) Nitrobenzene-d5	7.38	82	102173	13.42	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	37951	18.17	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	208526	11.79	ng	-0.02
78) Terphenyl-d14	12.95	244	146988	14.98	ng	0.00

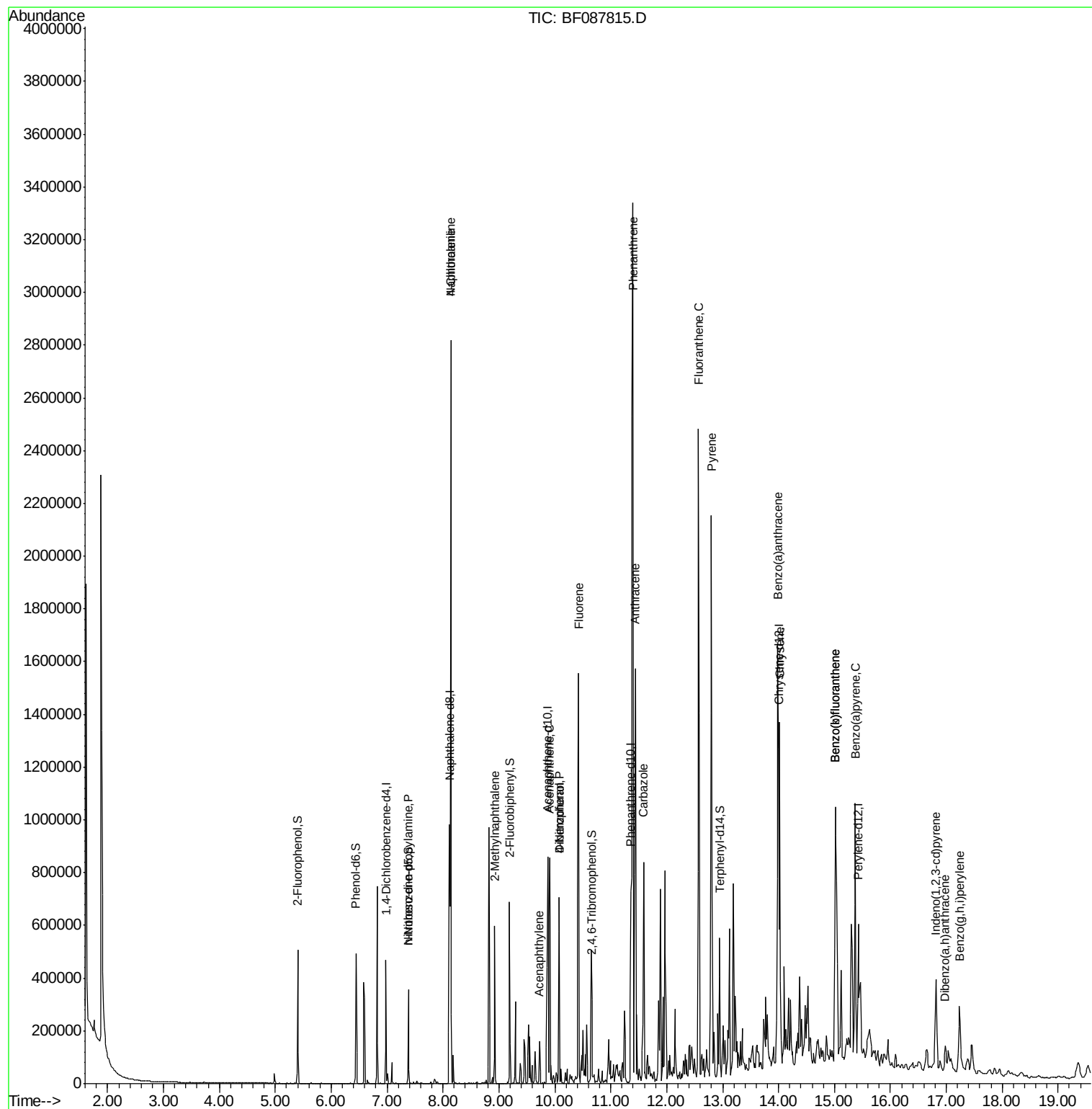
Target Compounds				Qvalue		
10) Phenol	6.46	94	1067	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	12738	3.78	ng	79
31) Naphthalene	8.14	128	1225644	55.70	ng	99
33) 4-Chloroaniline	8.14	127	167659	17.06	ng	# 32
37) 2-Methylnaphthalene	8.92	142	150563	10.38	ng	95
45) 1,1'-Biphenyl	9.29	154	87653	Below Cal		97
48) Acenaphthylene	9.72	152	50763	2.49	ng	97
51) Acenaphthene	9.91	154	256573	20.20	ng	97
54) Dibenzofuran	10.08	168	385387	22.03	ng	100
55) 4-Nitrophenol	10.08	139	139511	47.47	ng	# 6
57) Fluorene	10.42	166	498141	41.80	ng	99
70) Phenanthrene	11.39	178	1796235	107.35	ng	98
71) Anthracene	11.44	178	725069	42.96	ng	99
72) Carbazole	11.59	167	323420	20.48	ng	98
74) Fluoranthene	12.57	202	1388034	78.60	ng	98
77) Pyrene	12.80	202	1062716	64.12	ng	98
80) Benzo(a)anthracene	13.99	228	732408	57.54	ng	98
82) Chrysene	14.02	228	407413	34.02	ng	96
85) Indeno(1,2,3-cd)pyrene	16.81	276	253368	22.77	ng	# 100
87) Benzo(b)fluoranthene	15.02	252	898393	54.78	ng	# 94
88) Benzo(k)fluoranthene	15.02	252	898393	72.62	ng	99
89) Benzo(a)pyrene	15.37	252	495817	37.37	ng	96
90) Dibenzo(a,h)anthracene	16.98	278	62679	5.09	ng	97
91) Benzo(g,h,i)perylene	17.23	276	214618	16.93	ng	98

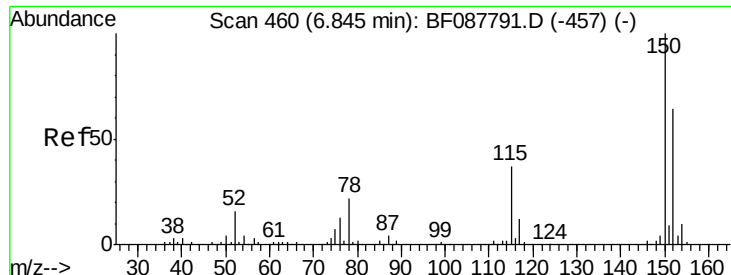
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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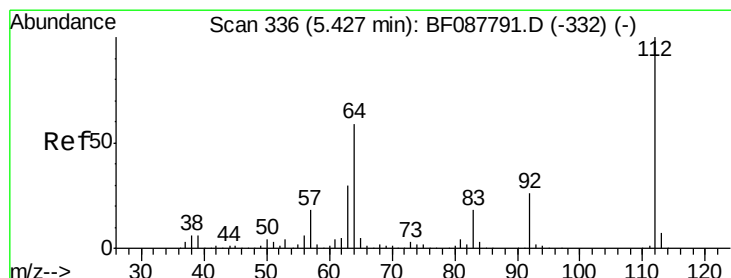
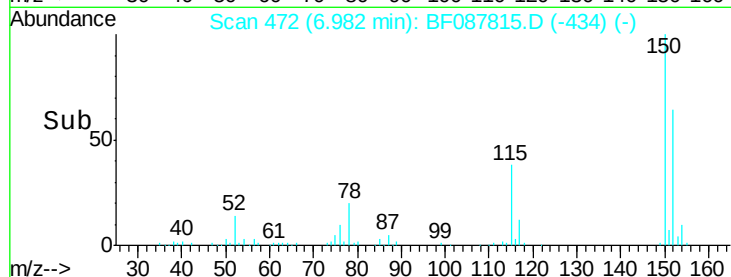
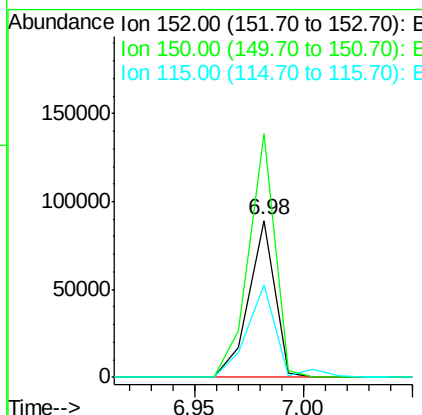
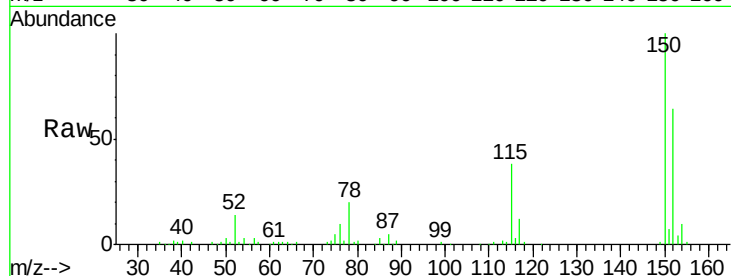


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF087815.D
Acq: 8 Jun 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SS-14

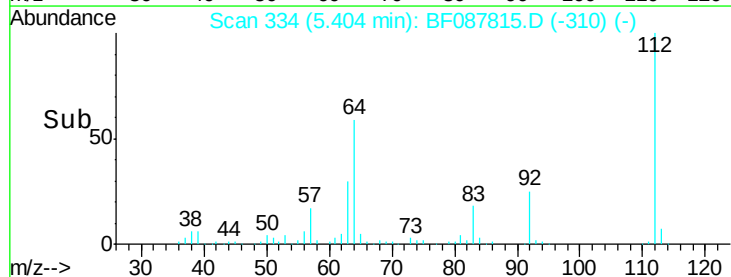
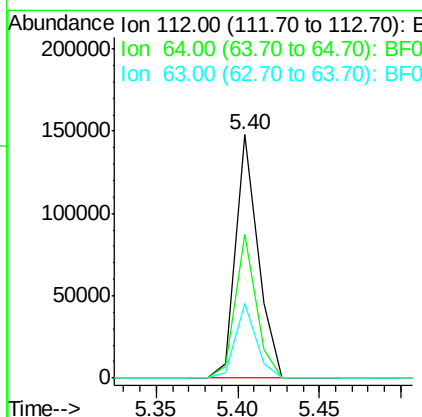
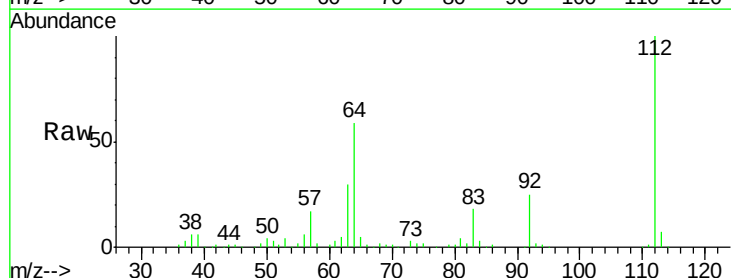
Tgt Ion:152 Resp: 74293
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 59.1 39.6 59.4

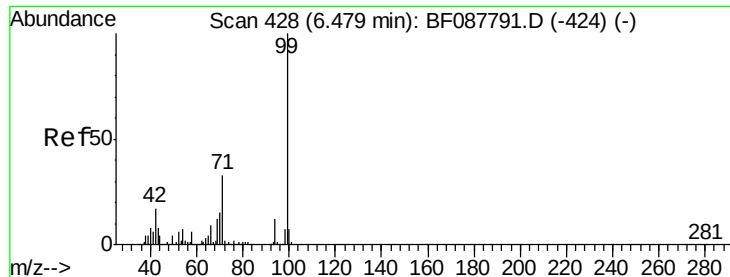


#5

2-Fluorophenol
Concen: 32.02 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087815.D
Acq: 8 Jun 2016 17:51

Tgt Ion:112 Resp: 139134
Ion Ratio Lower Upper
112 100
64 59.1 42.2 63.2
63 30.4 21.8 32.8





#7

Phenol-d6

Concen: 31.61 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SS-14

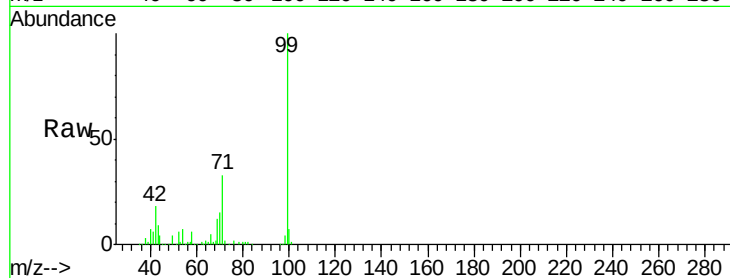
Tgt Ion: 99 Resp: 166466

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 33.4 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

250000

200000

150000

100000

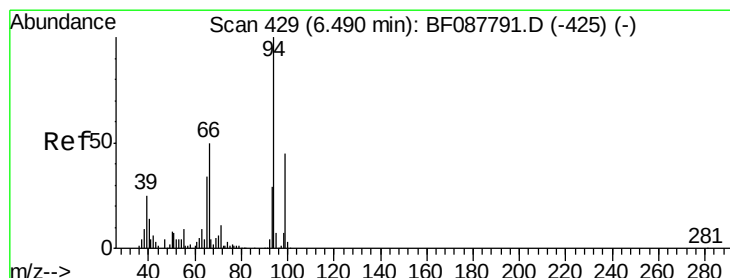
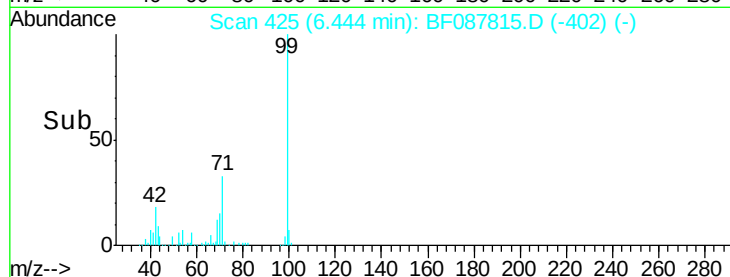
50000

0

6.44

6.40 6.45 6.50

Time-->



#10

Phenol

Concen: Below Cal

RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

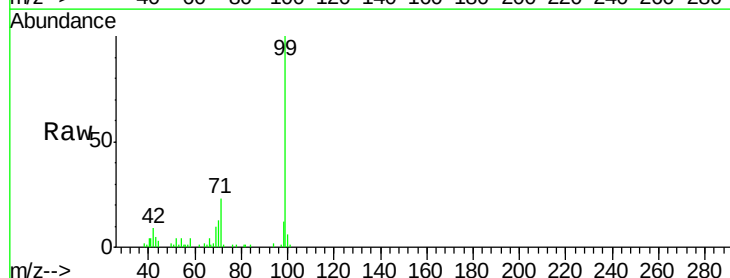
Tgt Ion: 94 Resp: 1067

Ion Ratio Lower Upper

94 100

65 65.1 5.9 45.9#

66 210.8 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

10000

8000

6000

4000

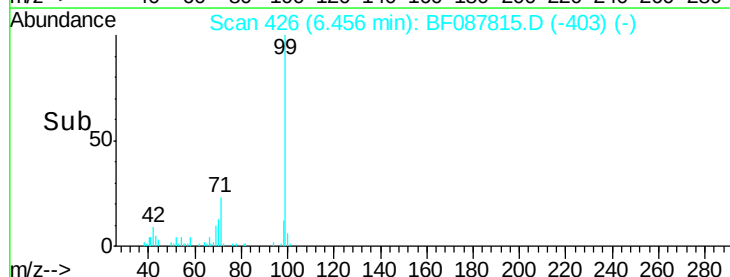
2000

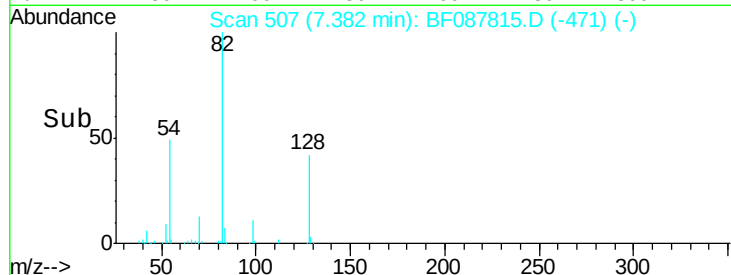
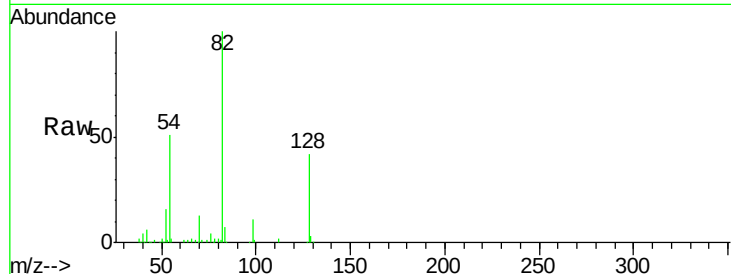
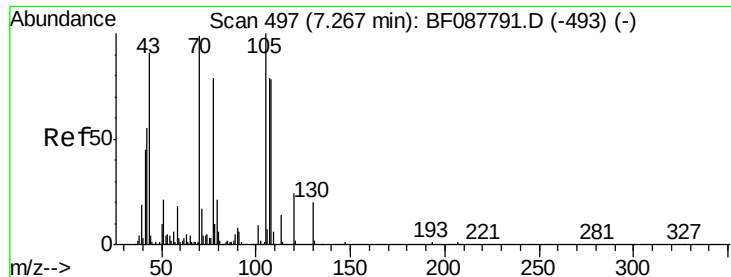
0

6.46

6.45 6.50

Time-->

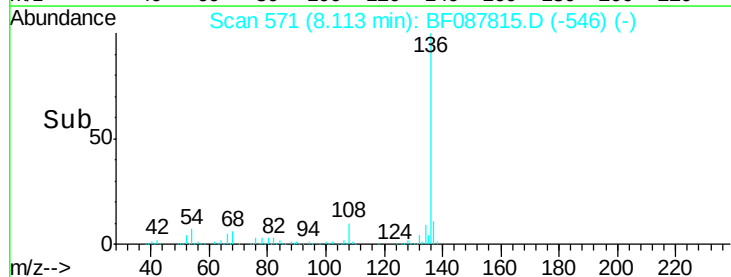
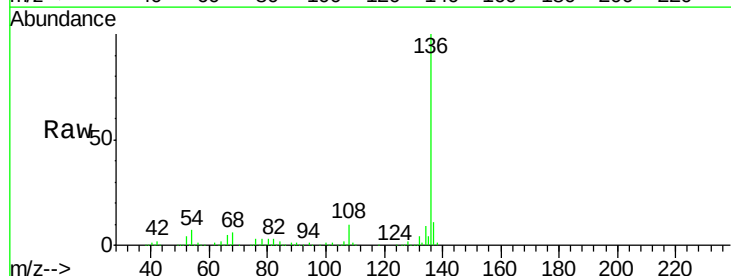
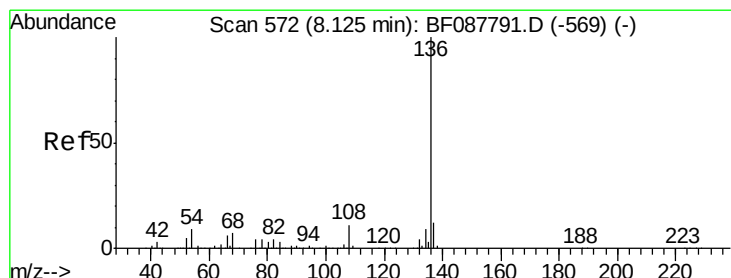
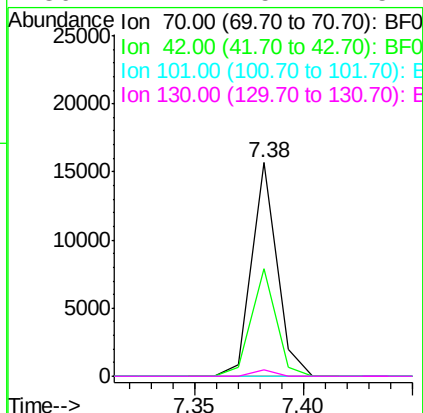




#19
n-Nitroso-di-n-propylamine
Concen: 3.78 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087815.D
Acq: 8 Jun 2016 17:51

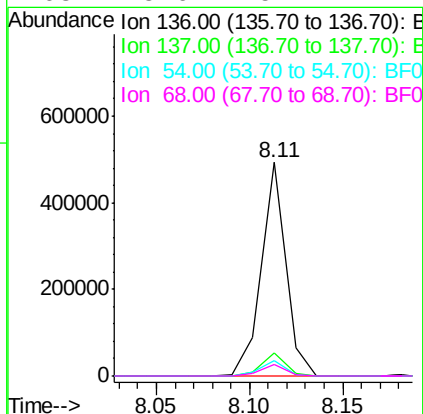
Instrument :
BNA_F
ClientSampled :
SS-14

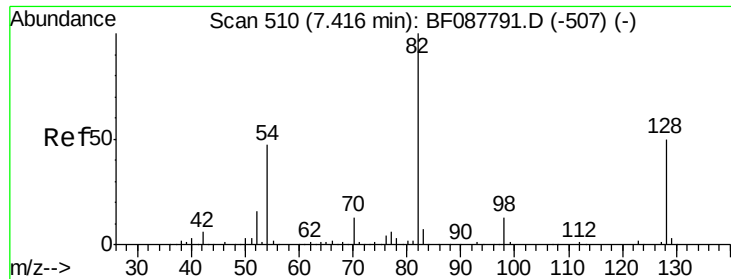
Tgt Ion:	70	Resp:	12738
Ion	Ratio	Lower	Upper
70	100		
42	50.2	49.6	74.4
101	0.0	7.1	10.7#
130	2.7	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087815.D
Acq: 8 Jun 2016 17:51

Tgt Ion:	136	Resp:	444691
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.0	6.6	10.0
68	5.6	5.1	7.7

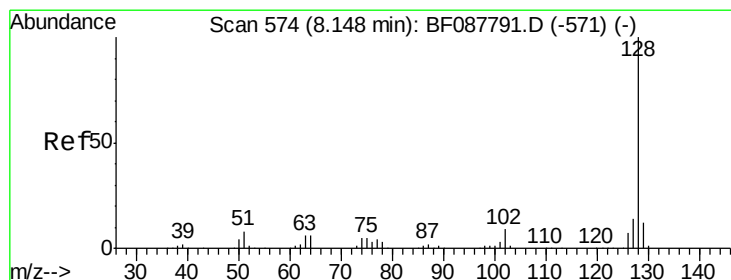
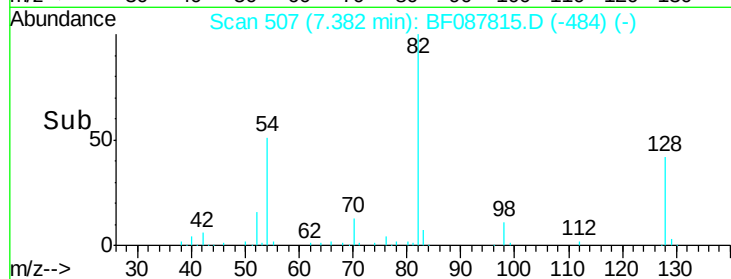
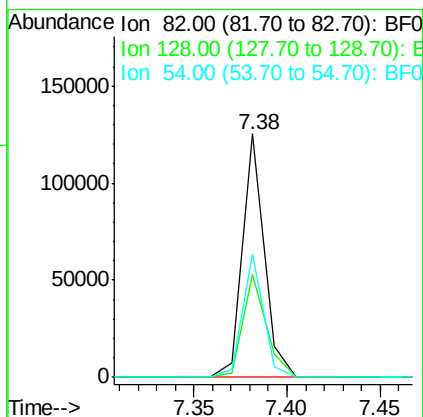
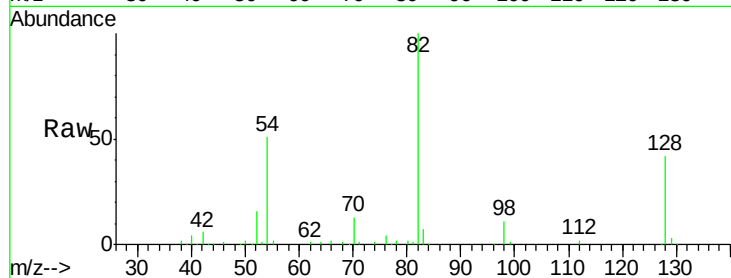




#23
 Nitrobenzene-d5
 Concen: 13.42 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF087815.D
 Acq: 8 Jun 2016 17:51

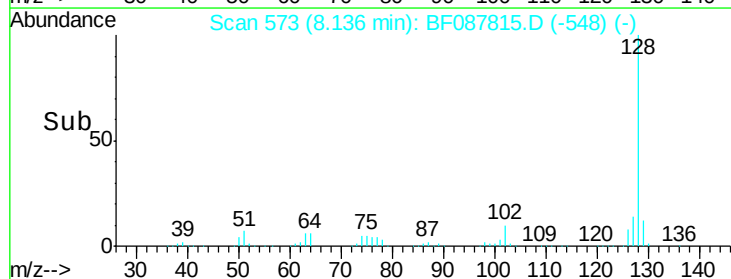
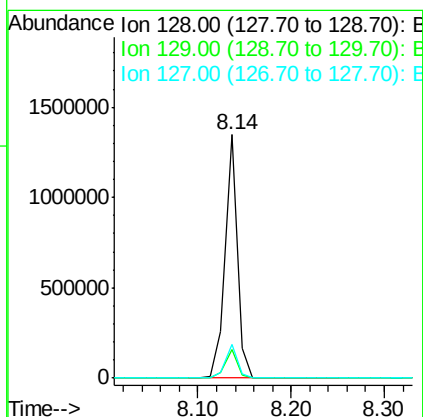
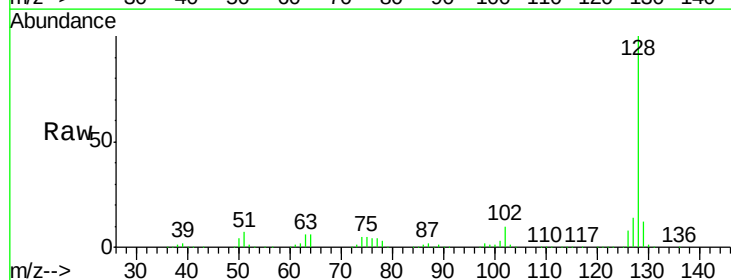
Instrument :
 BNA_F
 ClientSampleId :
 SS-14

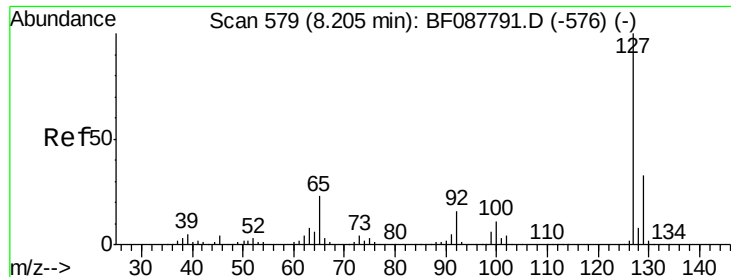
Tgt Ion: 82 Resp: 102173
 Ion Ratio Lower Upper
 82 100
 128 42.3 35.9 53.9
 54 50.8 40.9 61.3



#31
 Naphthalene
 Concen: 55.70 ng
 RT: 8.14 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF087815.D
 Acq: 8 Jun 2016 17:51

Tgt Ion: 128 Resp: 1225644
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.4 14.2
 127 13.9 10.9 16.3

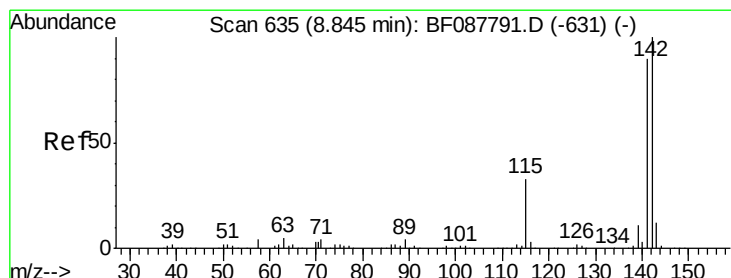
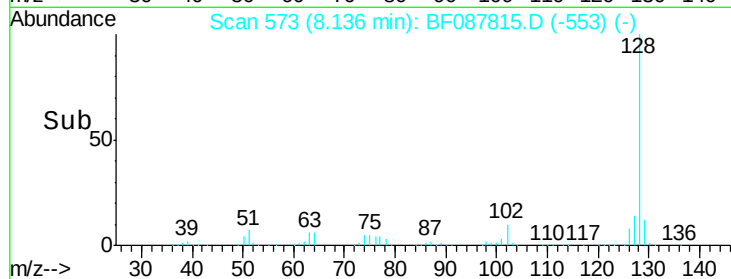
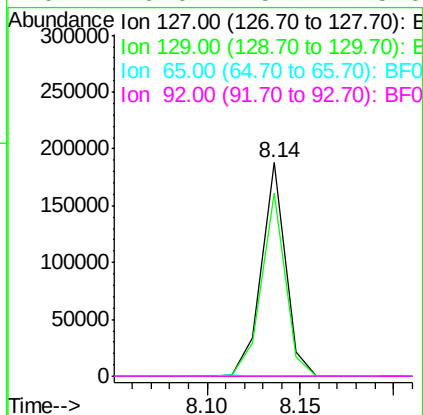
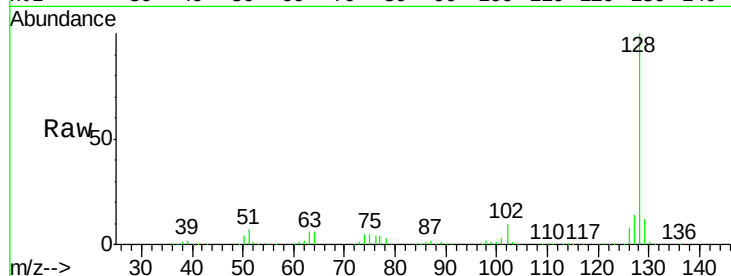




#33
4-Chloroaniline
Concen: 17.06 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.07 min
Lab File: BF087815.D
Acq: 8 Jun 2016 17:51

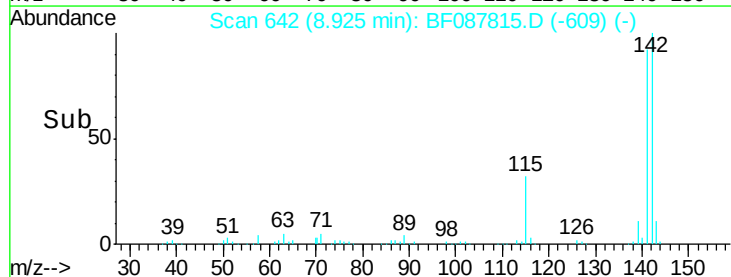
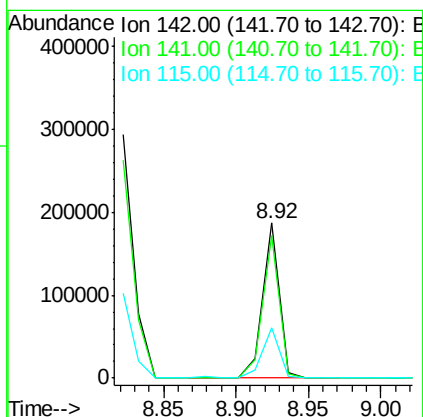
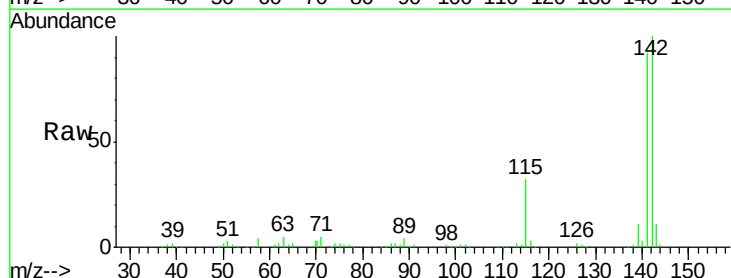
Instrument :
BNA_F
ClientSampleId :
SS-14

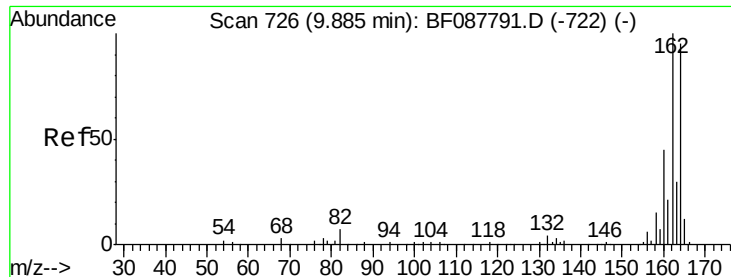
Tgt Ion:	127	Resp:	167659
Ion	Ratio	Lower	Upper
127	100		
129	85.7	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



#37
2-Methylnaphthalene
Concen: 10.38 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.08 min
Lab File: BF087815.D
Acq: 8 Jun 2016 17:51

Tgt Ion:	142	Resp:	150563
Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.0	106.6
115	32.3	22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

Instrument :

BNA_F

ClientSampled :

SS-14

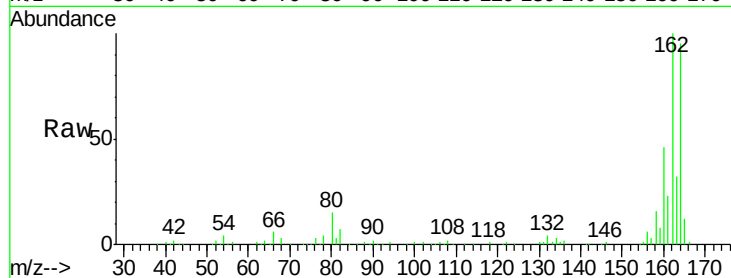
Tgt Ion:164 Resp: 197800

Ion Ratio Lower Upper

164 100

162 104.9 85.4 128.2

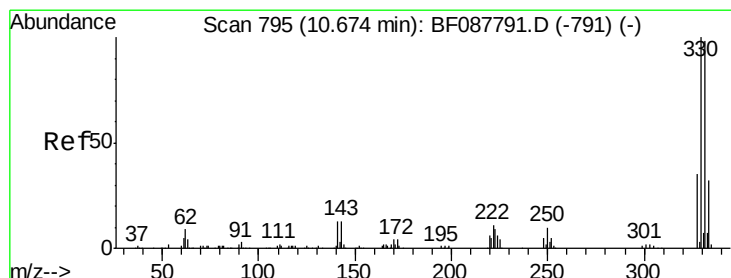
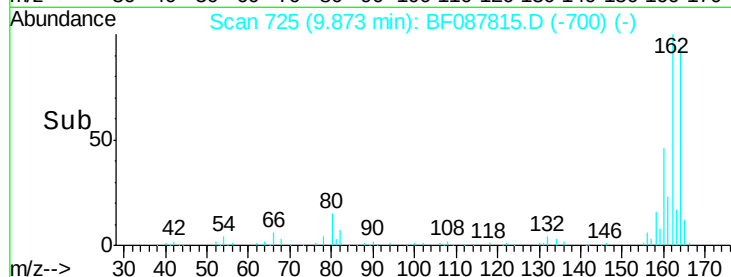
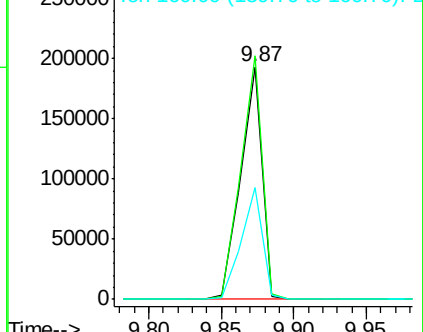
160 48.1 39.5 59.3



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: 18.17 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

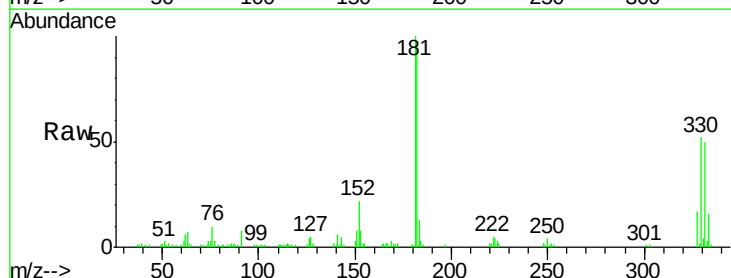
Tgt Ion:330 Resp: 37951

Ion Ratio Lower Upper

330 100

332 94.6 0.0 0.0#

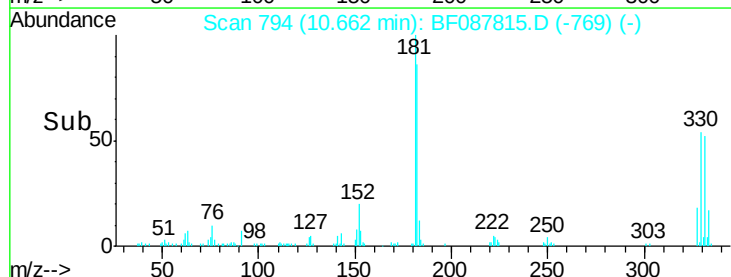
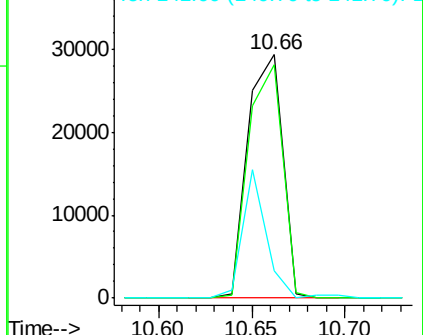
141 36.9 0.0 0.0#

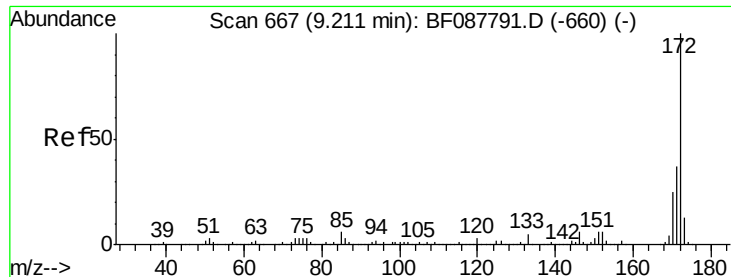


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

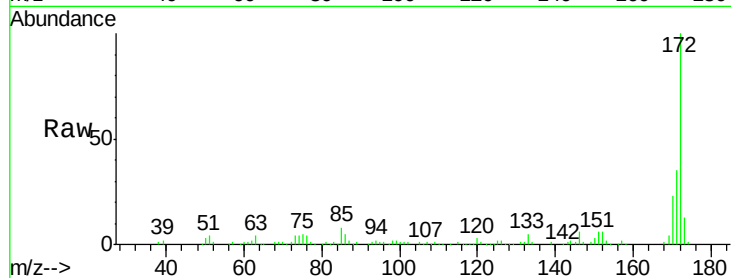




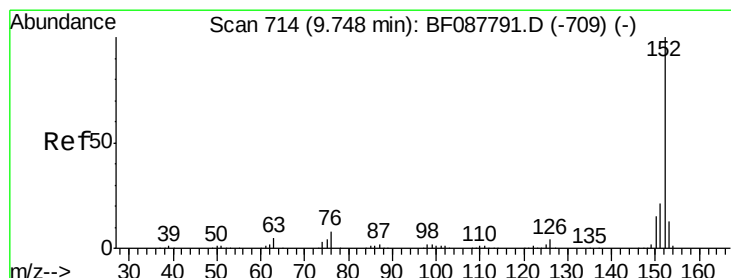
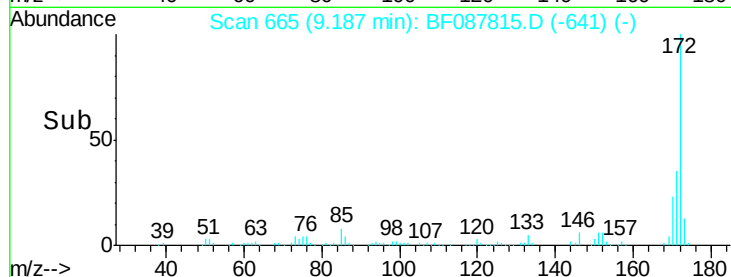
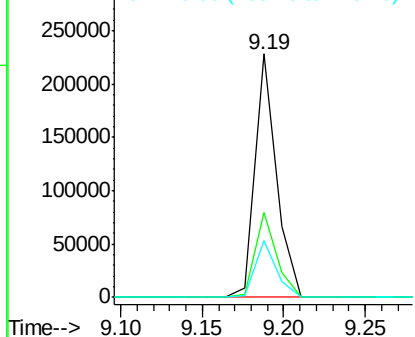
#44
 2-Fluorobiphenyl
 Concen: 11.79 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF087815.D
 Acq: 8 Jun 2016 17:51

Instrument :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.2	19.2	28.8

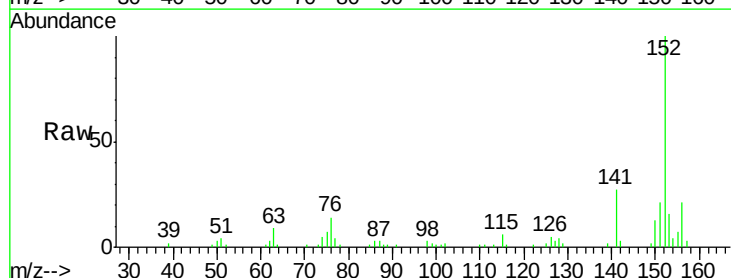


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

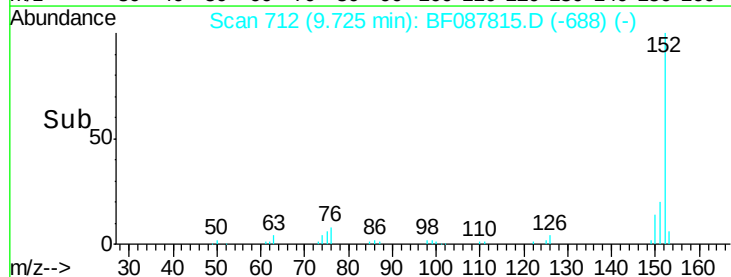
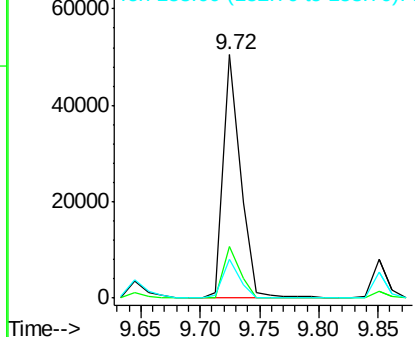


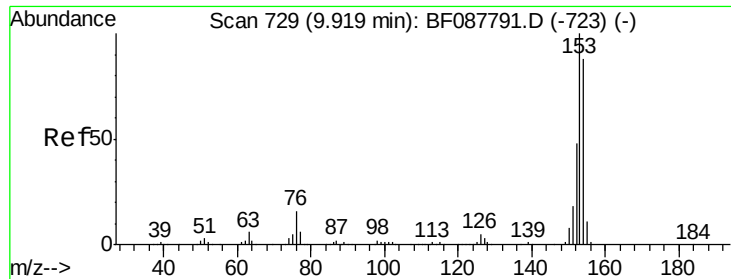
#48
 Acenaphthylene
 Concen: 2.49 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF087815.D
 Acq: 8 Jun 2016 17:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	16.1	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





#51

Acenaphthene

Concen: 20.20 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SS-14

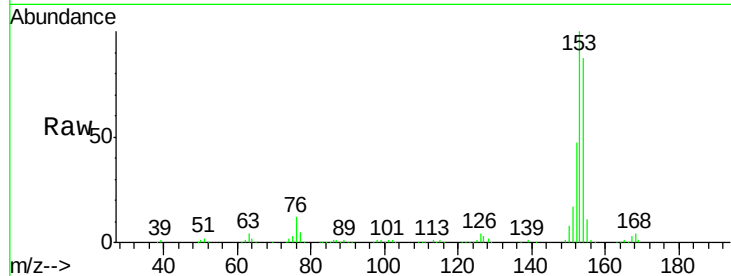
Tgt Ion:154 Resp: 256573

Ion Ratio Lower Upper

154 100

153 115.1 89.5 134.3

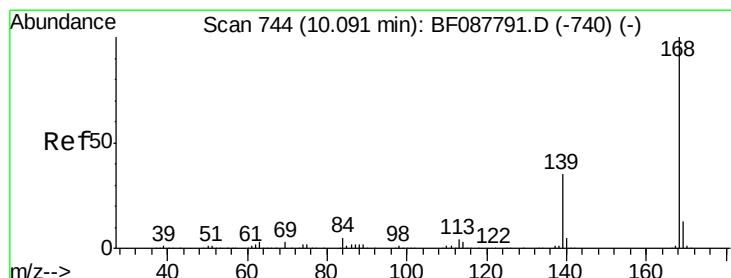
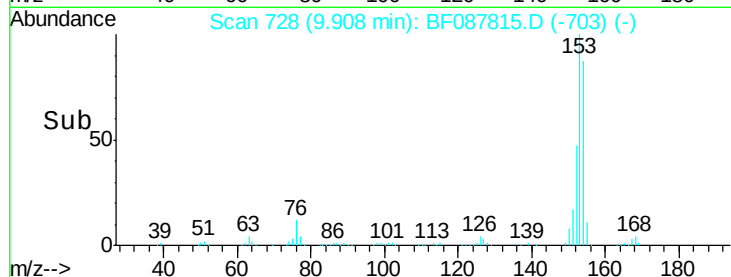
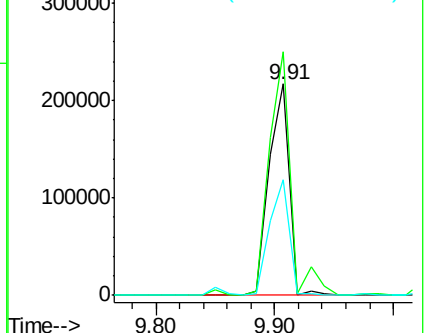
152 54.5 42.7 64.1



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

Dibenzofuran

Concen: 22.03 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

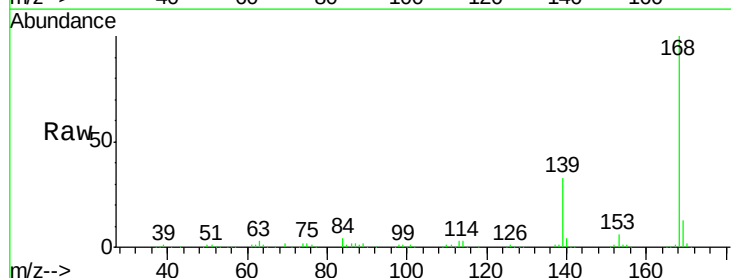
Tgt Ion:168 Resp: 385387

Ion Ratio Lower Upper

168 100

139 32.7 26.4 39.6

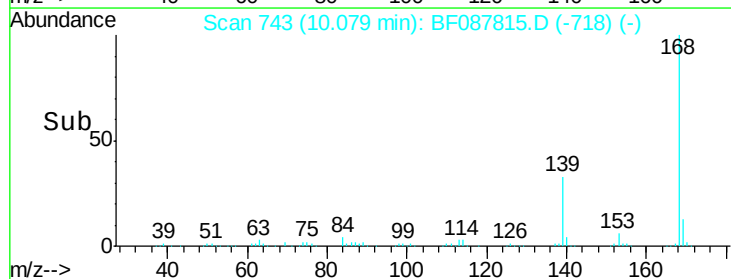
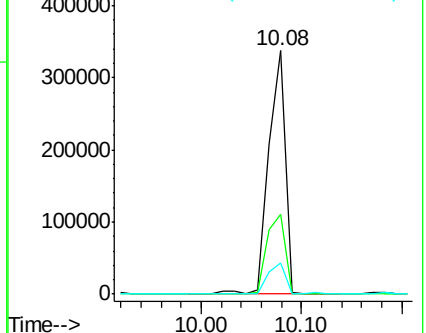
169 12.9 10.4 15.6

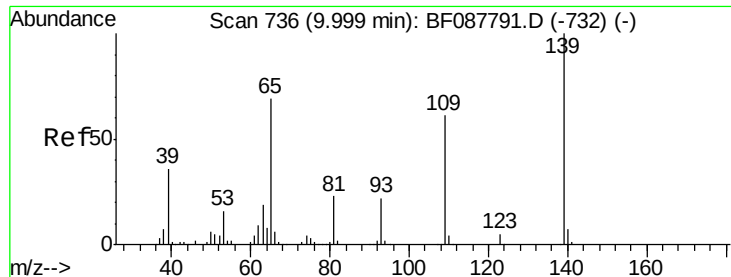


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

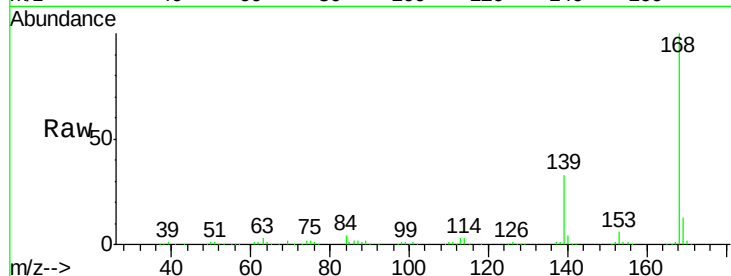




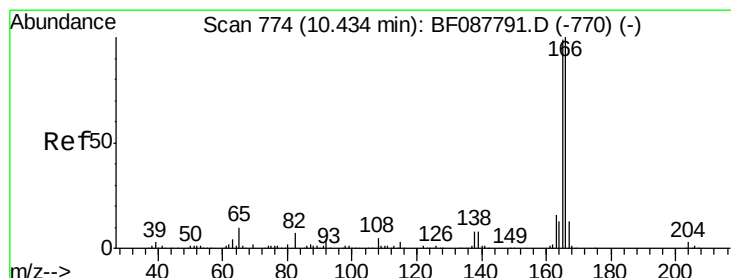
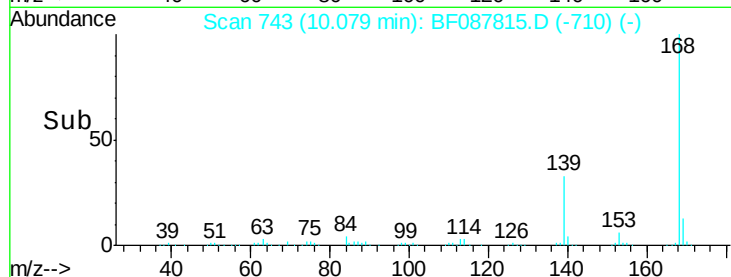
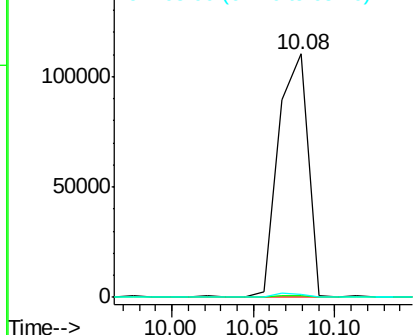
#55
4-Nitrophenol
Concen: 47.47 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.08 min
Lab File: BF087815.D
Acq: 8 Jun 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SS-14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.9	88.9#
65	1.1	84.9	124.9#

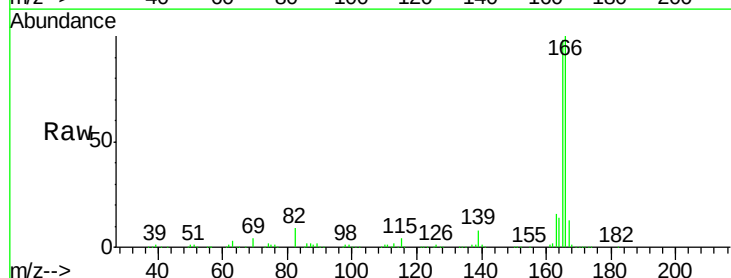


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

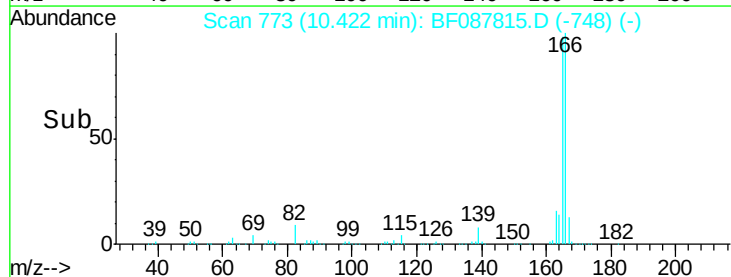
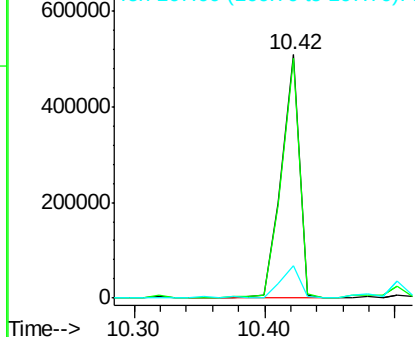


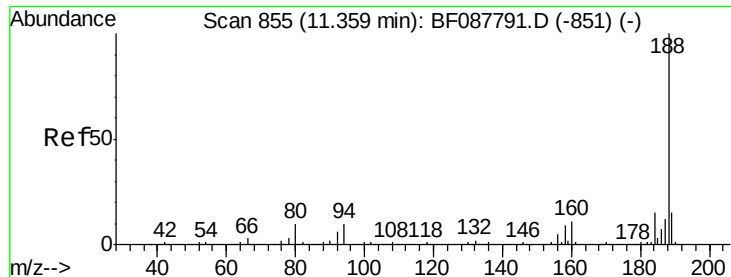
#57
Fluorene
Concen: 41.80 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF087815.D
Acq: 8 Jun 2016 17:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	13.4	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

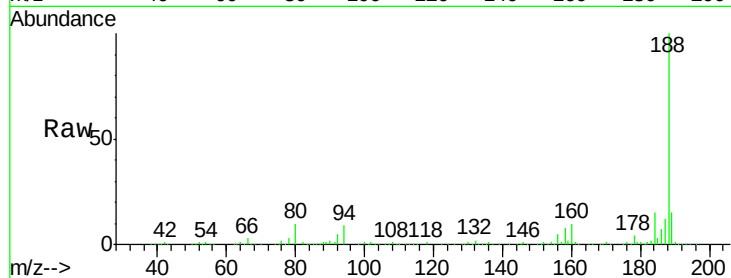




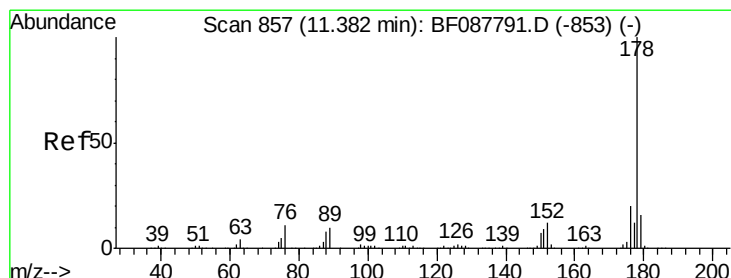
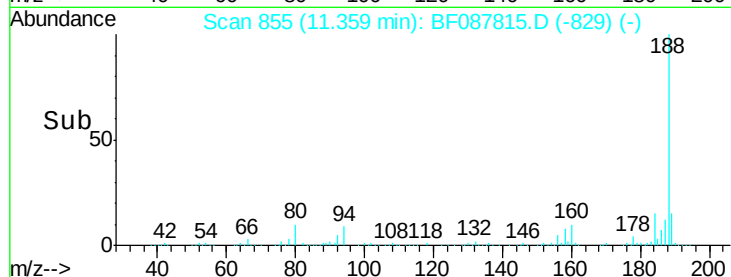
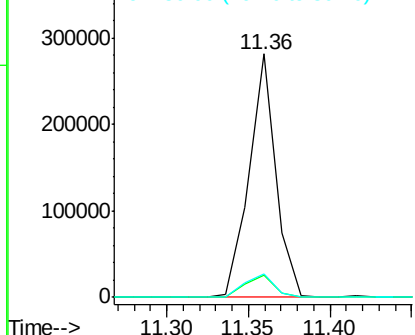
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF087815.D
Acq: 8 Jun 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SS-14

Tgt Ion:188 Resp: 318883
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.6
80 9.8 10.0 15.0#

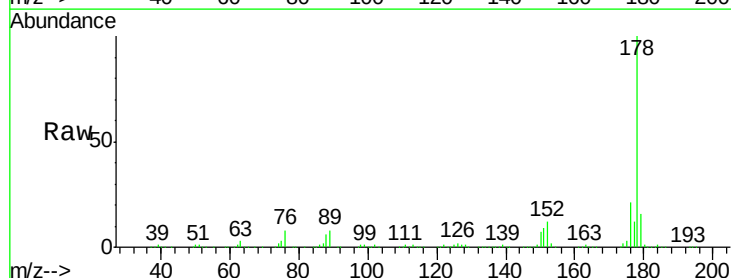


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

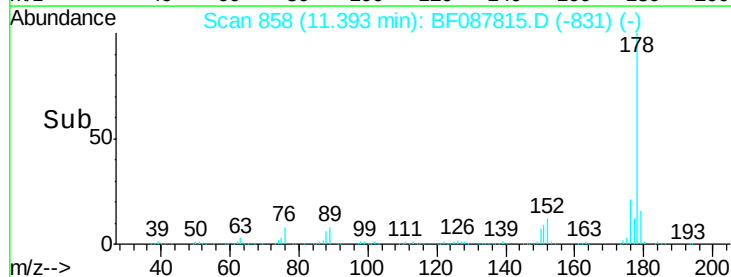
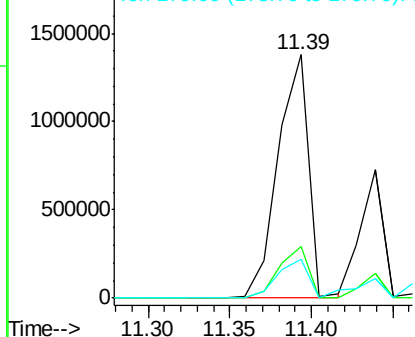


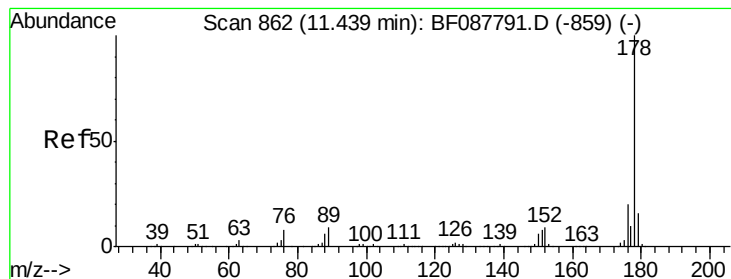
#70
Phenanthrene
Concen: 107.35 ng
RT: 11.39 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF087815.D
Acq: 8 Jun 2016 17:51

Tgt Ion:178 Resp: 1796235
Ion Ratio Lower Upper
178 100
176 21.0 15.8 23.6
179 15.9 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: 42.96 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SS-14

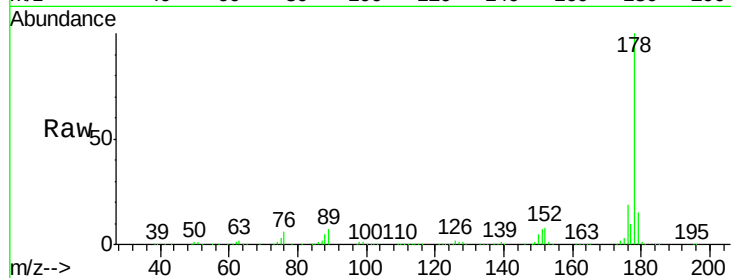
Tgt Ion:178 Resp: 725069

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

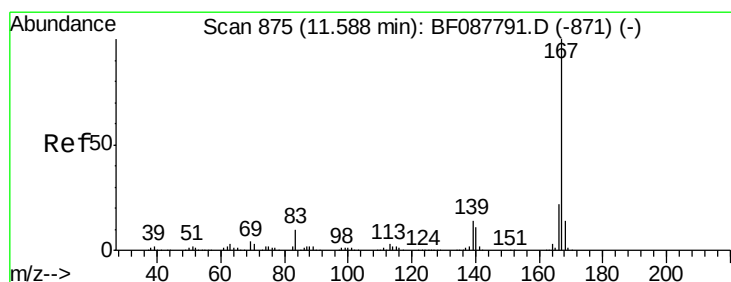
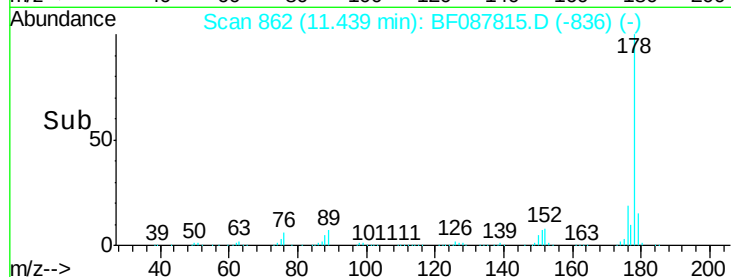
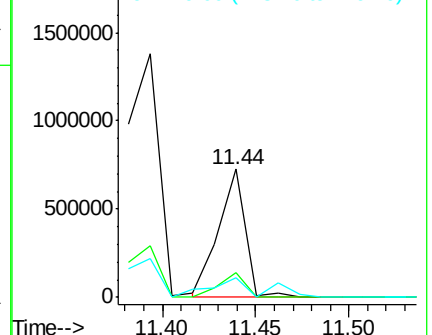
179 15.5 12.8 19.2



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: 20.48 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

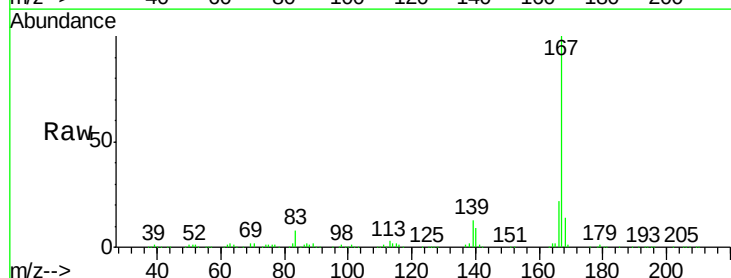
Tgt Ion:167 Resp: 323420

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

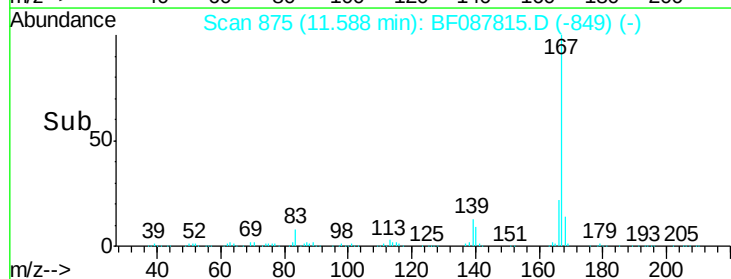
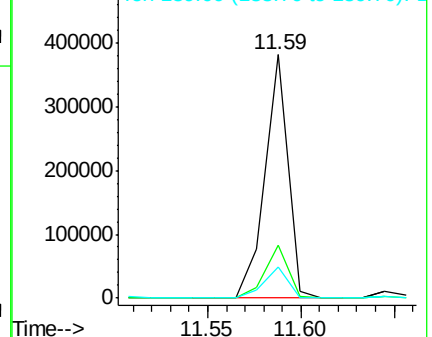
139 12.7 11.2 16.8

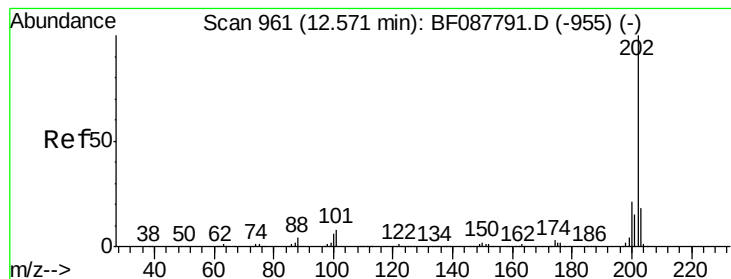


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

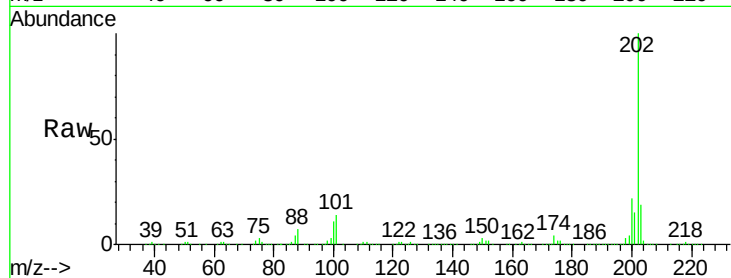




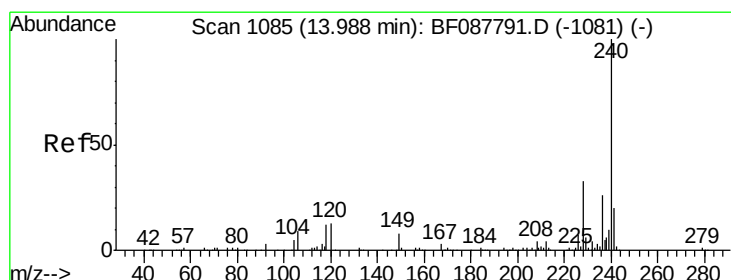
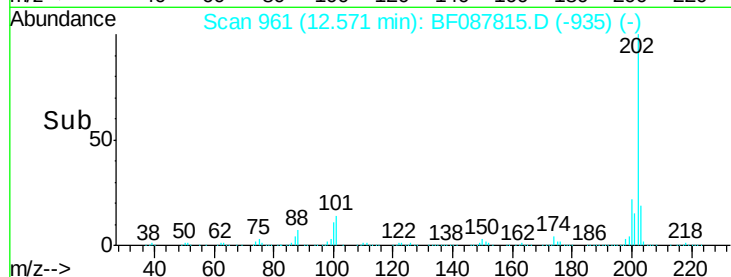
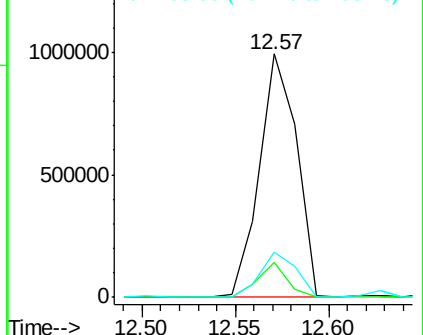
#74
 Fluoranthene
 Concen: 78.60 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF087815.D
 Acq: 8 Jun 2016 17:51

Instrument :
 BNA_F
 ClientSampled :
 SS-14

Tgt Ion:202 Resp: 1388034
 Ion Ratio Lower Upper
 202 100
 101 14.5 0.0 33.1
 203 18.7 0.0 38.1

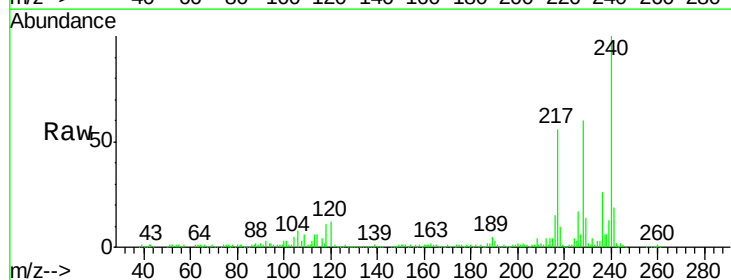


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

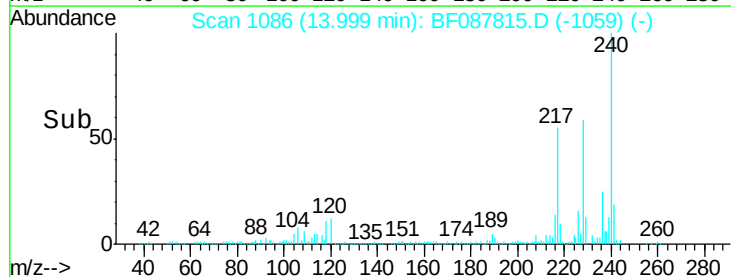
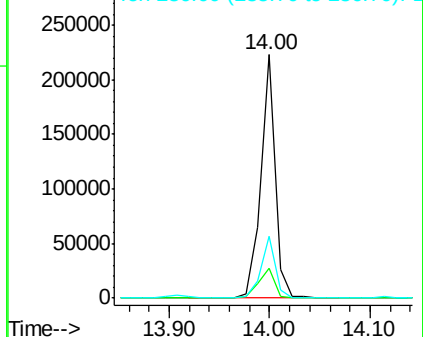


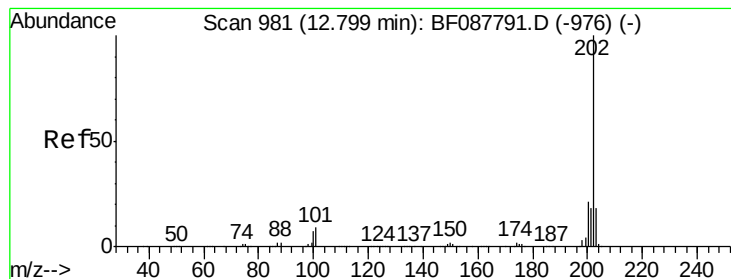
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF087815.D
 Acq: 8 Jun 2016 17:51

Tgt Ion:240 Resp: 223347
 Ion Ratio Lower Upper
 240 100
 120 12.3 6.8 10.2#
 236 25.6 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: 64.12 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SS-14

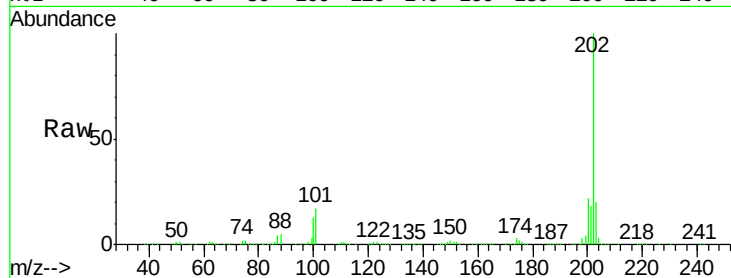
Tgt Ion:202 Resp: 1062716

Ion Ratio Lower Upper

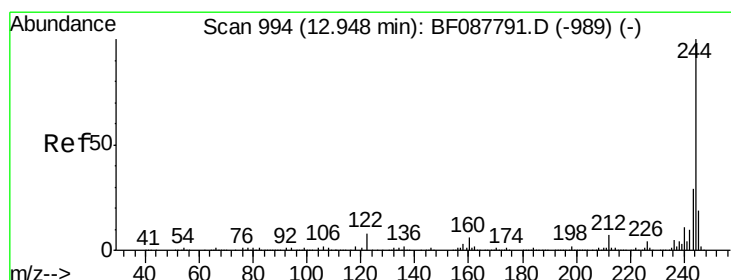
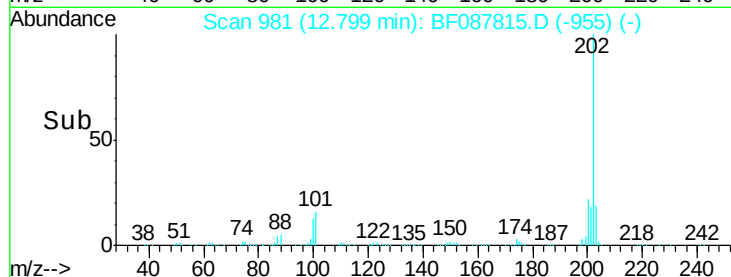
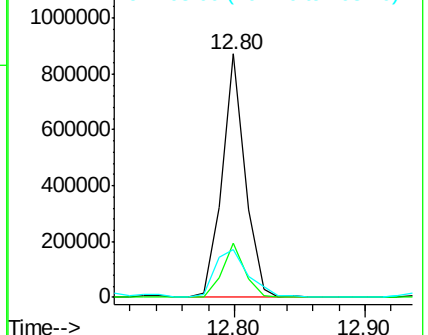
202 100

200 22.3 17.4 26.2

203 19.7 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: 14.98 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

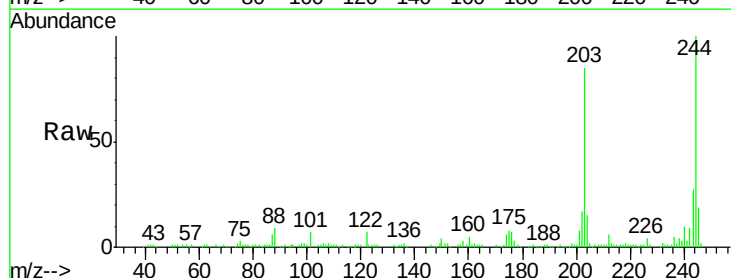
Tgt Ion:244 Resp: 146988

Ion Ratio Lower Upper

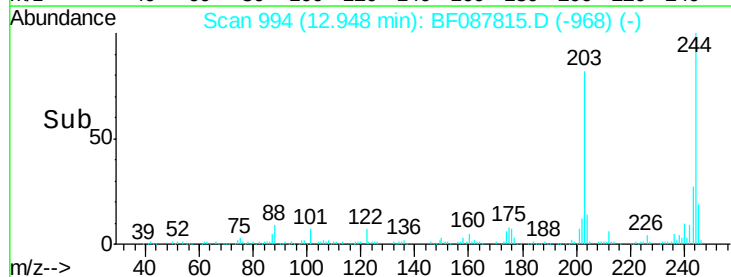
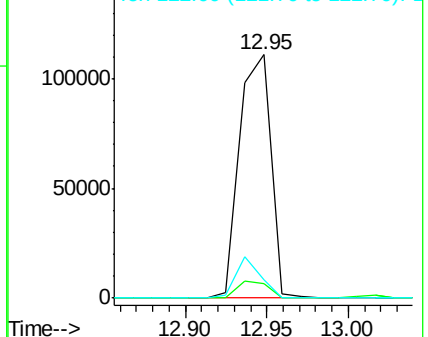
244 100

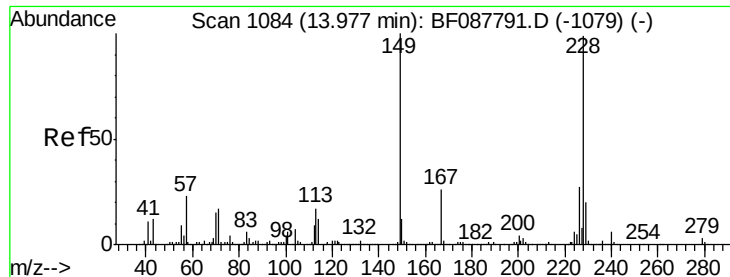
212 6.1 6.0 9.0

122 7.5 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: 57.54 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SS-14

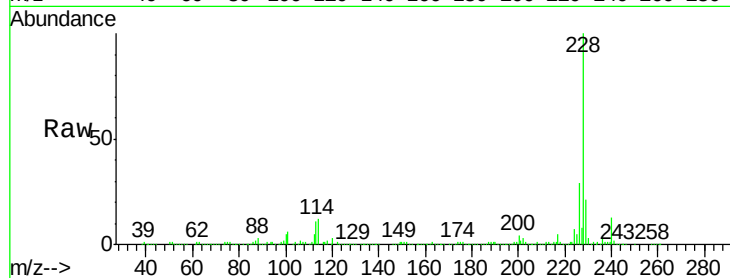
Tgt Ion:228 Resp: 732408

Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

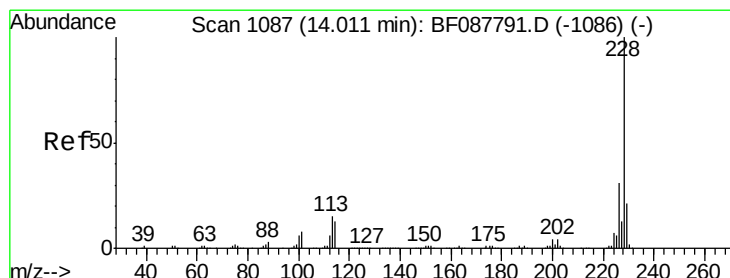
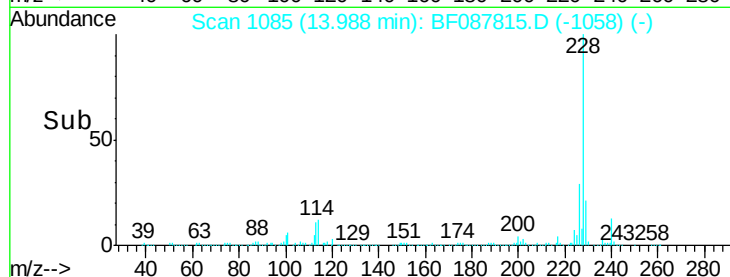
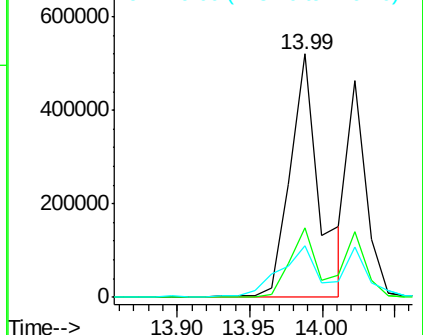
229 21.0 16.0 24.0



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: 34.02 ng

RT: 14.02 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

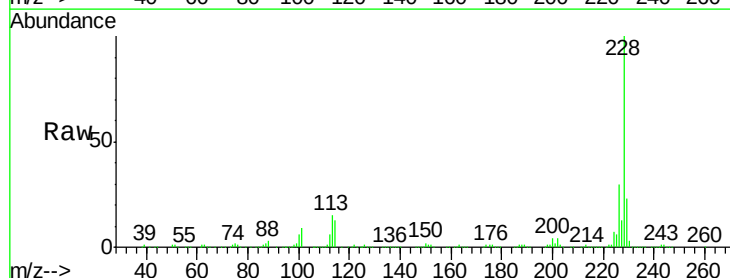
Tgt Ion:228 Resp: 407413

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.2

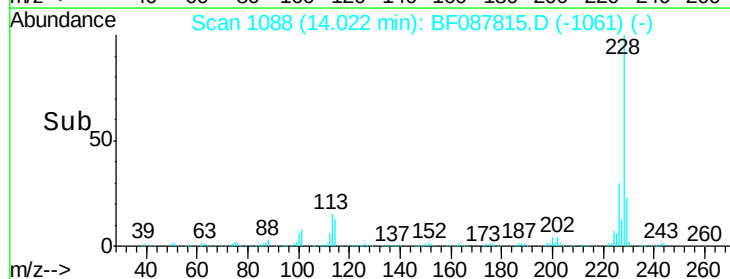
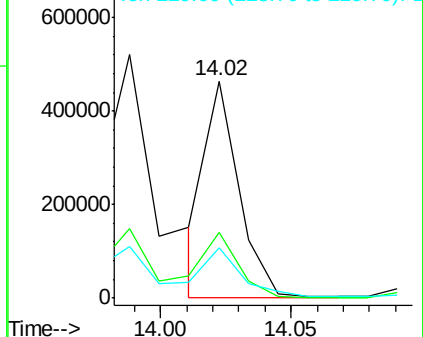
229 23.4 16.3 24.5

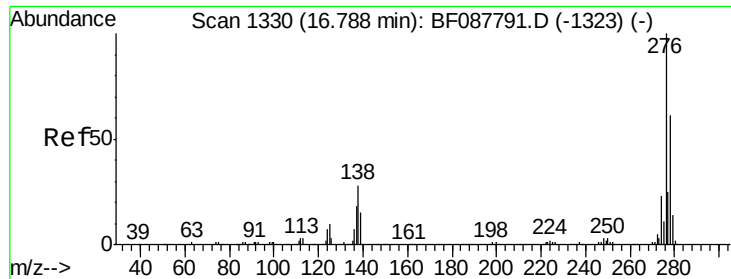


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

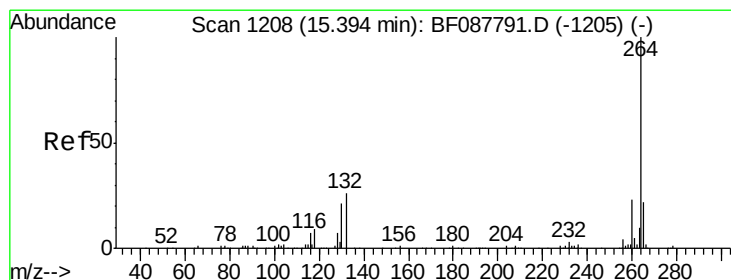
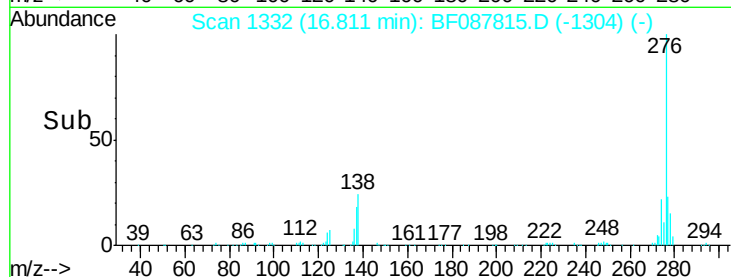
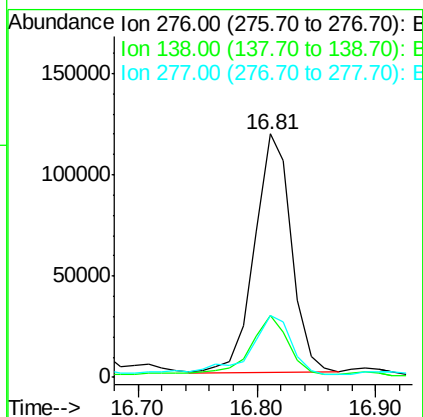
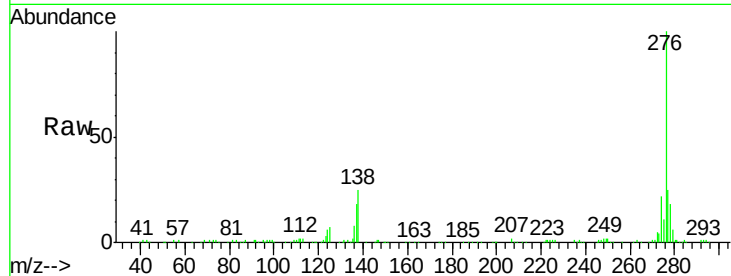




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.77 ng
 RT: 16.81 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: BF087815.D
 Acq: 8 Jun 2016 17:51

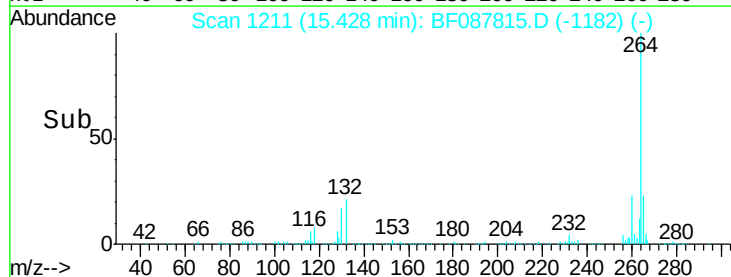
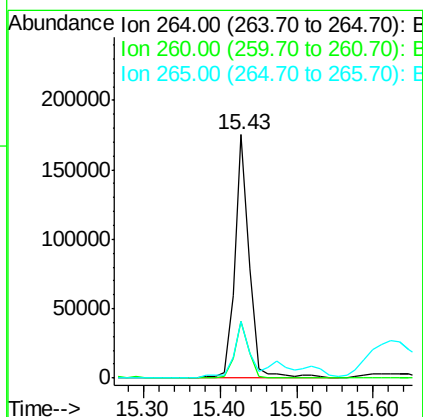
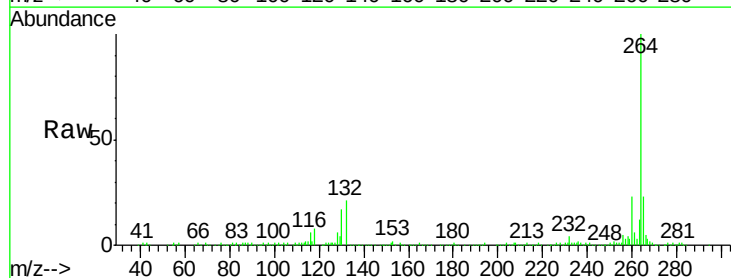
Instrument :
 BNA_F
 ClientSampleId :
 SS-14

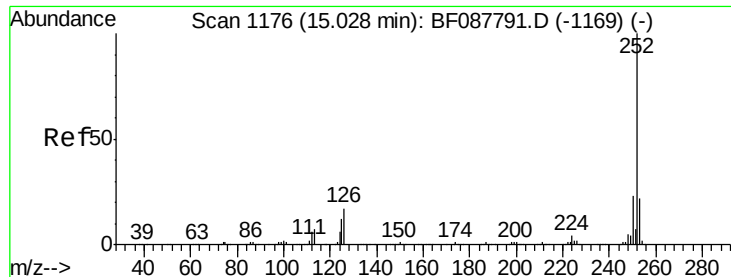
Tgt Ion: 276 Resp: 253368
 Ion Ratio Lower Upper
 276 100
 138 26.1 0.0 0.0#
 277 29.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1211
 Delta R.T. 0.03 min
 Lab File: BF087815.D
 Acq: 8 Jun 2016 17:51

Tgt Ion: 264 Resp: 235291
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 23.4 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 54.78 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.02 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SS-14

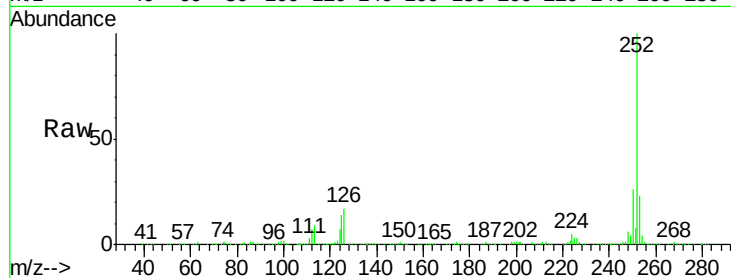
Tgt Ion:252 Resp: 898393

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

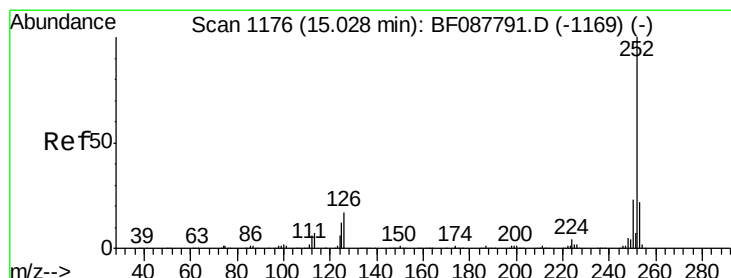
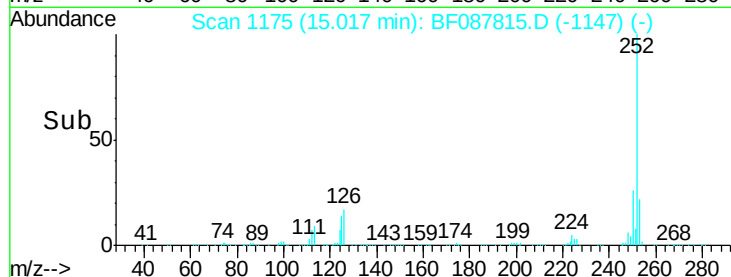
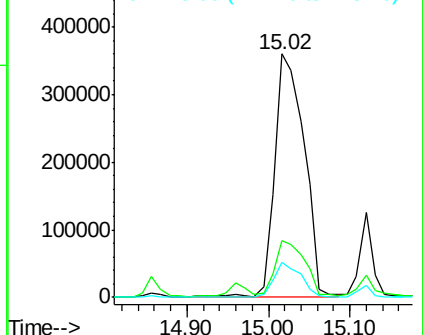
125 14.1 7.1 10.7#



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: 72.62 ng

RT: 15.02 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

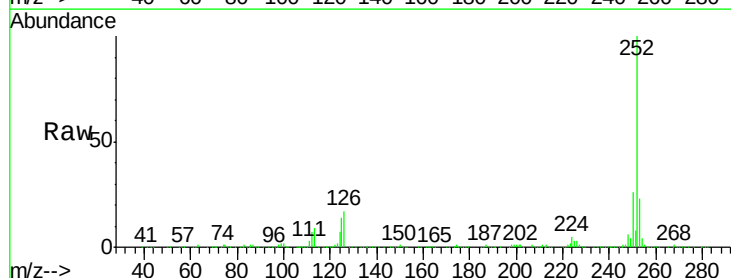
Tgt Ion:252 Resp: 898393

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

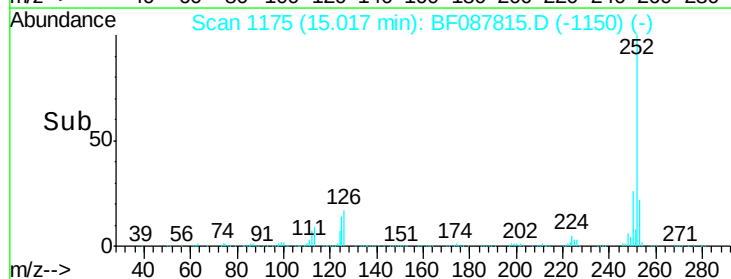
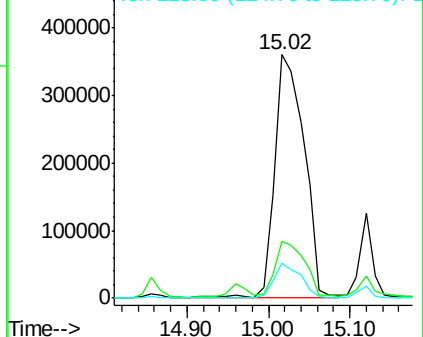
125 14.1 11.2 16.8

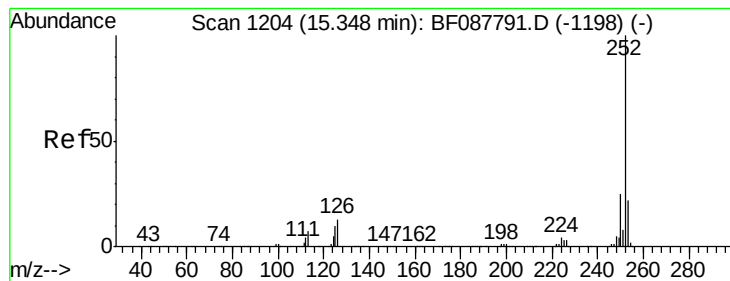


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.37 ng

RT: 15.37 min Scan# 1206

Delta R.T. 0.02 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SS-14

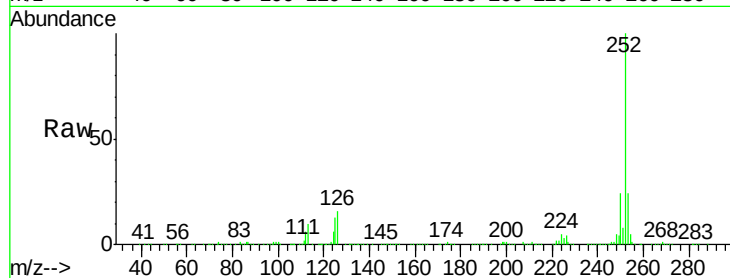
Tgt Ion:252 Resp: 495817

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

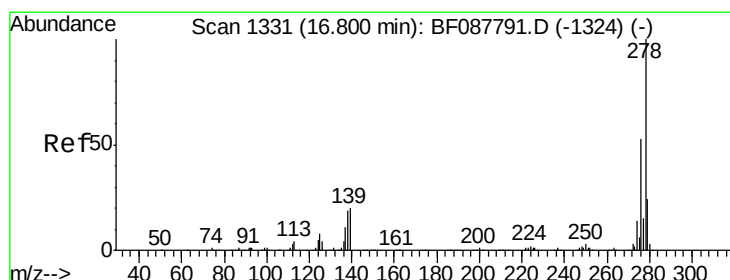
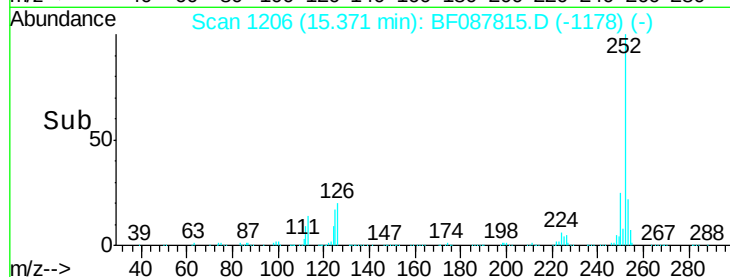
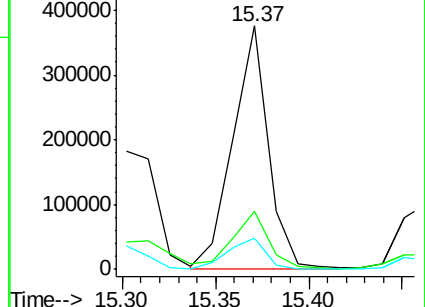
125 12.7 12.5 18.7



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: 5.09 ng

RT: 16.98 min Scan# 1347

Delta R.T. 0.18 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

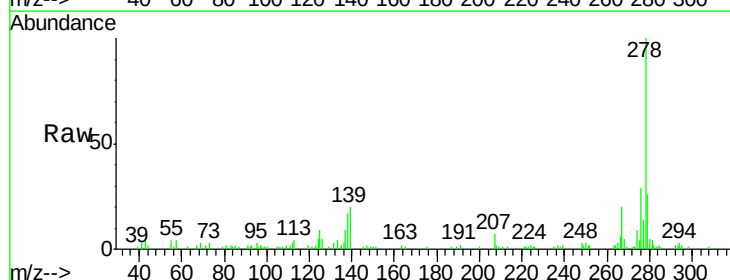
Tgt Ion:278 Resp: 62679

Ion Ratio Lower Upper

278 100

139 20.3 15.7 23.5

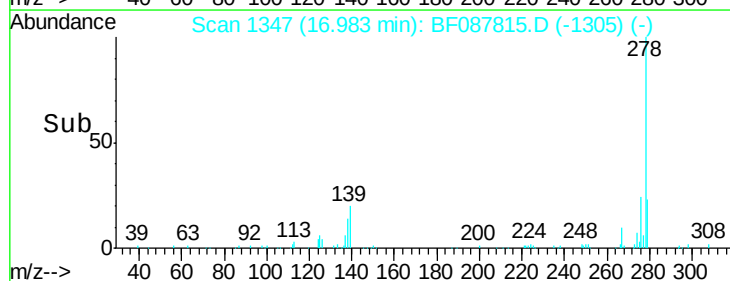
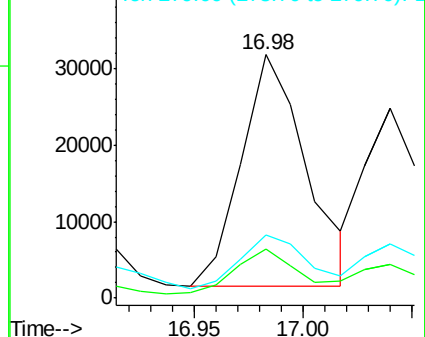
279 26.0 19.4 29.2

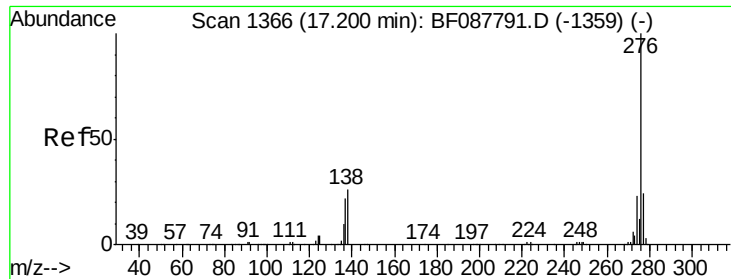


Abundance Ion 278.00 (277.70 to 278.70): E

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: 16.93 ng

RT: 17.23 min Scan# 1369

Delta R.T. 0.03 min

Lab File: BF087815.D

Acq: 8 Jun 2016 17:51

Instrument :

BNA_F

ClientSampleId :

SS-14

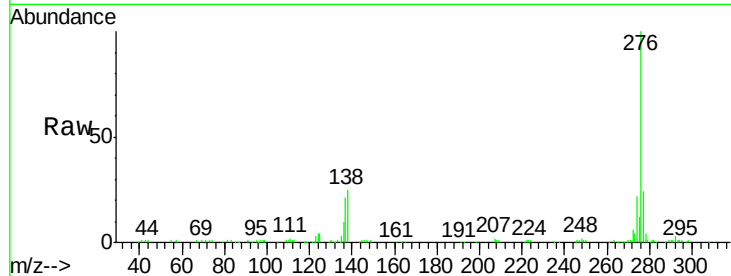
Tgt Ion: 276 Resp: 214618

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 25.0 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

