

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088430.D
 Acq On : 26 Jun 2016 20:53
 Operator : UM/SJ
 Sample : H3663-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Quant Time: Jun 27 03:58:09 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	6.55	152	81844	20.00	ng	-0.06
21) Naphthalene-d8	7.83	136	331975	20.00	ng	-0.07
38) Acenaphthene-d10	9.58	164	152318	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	251772	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	168441	20.00	ng	-0.07
86) Perylene-d12	15.03	264	169513	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	234049	48.89	ng	-0.05
7) Phenol-d6	6.22	99	313000	53.95	ng	-0.05
23) Nitrobenzene-d5	7.12	82	197168	34.68	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	65809	40.92	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	400447	38.25	ng	-0.06
78) Terphenyl-d14	12.63	244	264769	35.77	ng	-0.07

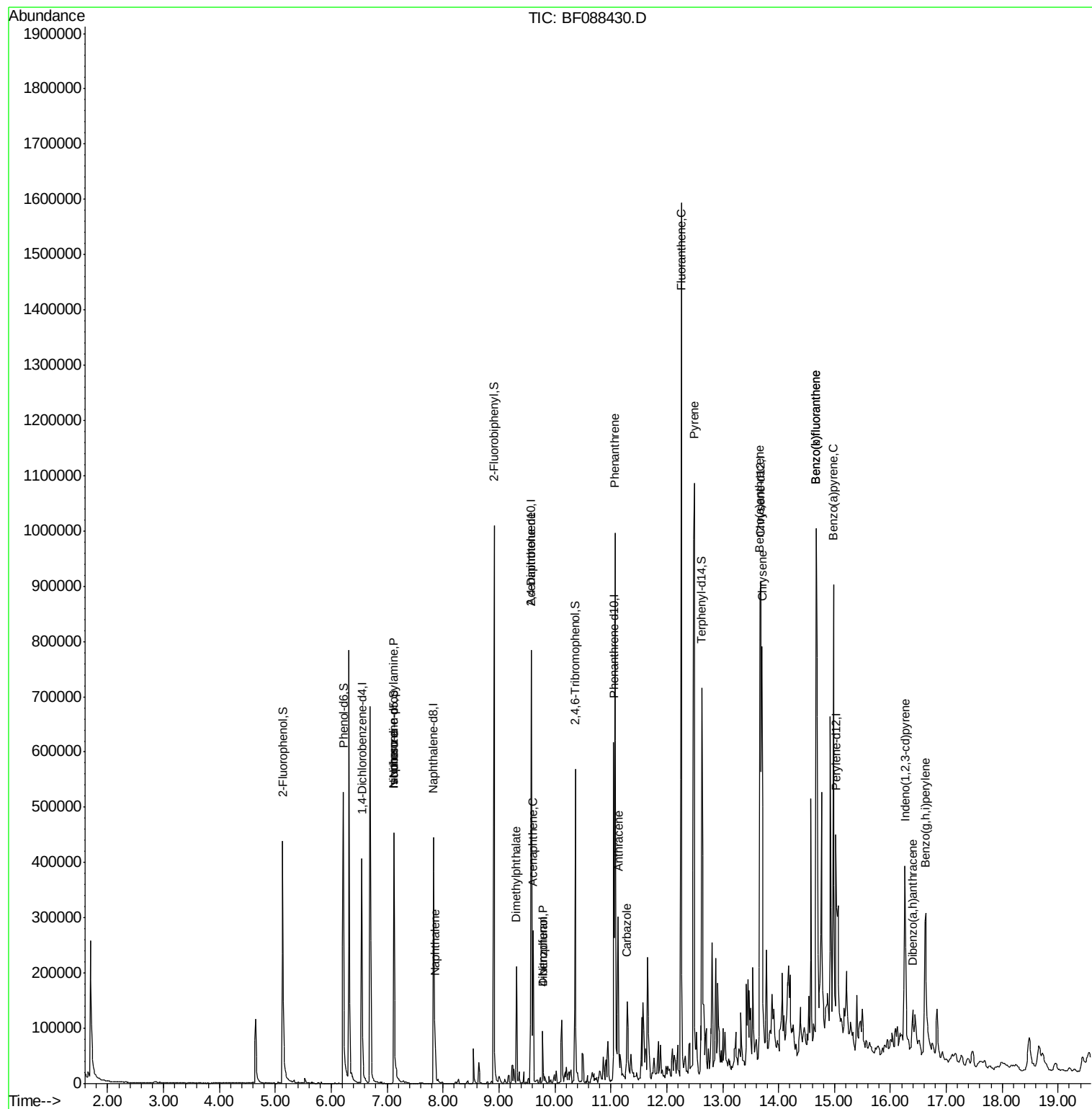
Target Compounds				Qvalue		
10) Phenol	6.23	94	835	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	24266	6.54	ng	71
25) Isophorone	7.12	82	198857	18.88	ng	65
31) Naphthalene	7.85	128	57887	3.52	ng	98
45) 1,1'-Biphenyl	9.02	154	4057	Below Cal		98
49) Dimethylphthalate	9.31	163	88827	8.05	ng	99
51) Acenaphthene	9.61	154	67657	6.92	ng	98
54) Dibenzofuran	9.78	168	40704	3.02	ng	92
55) 4-Nitrophenol	9.78	139	14706	6.50	ng	# 5
56) 2,4-Dinitrotoluene	9.58	165	20152	6.21	ng	# 38
57) Fluorene	10.12	166	42745	Below Cal		98
70) Phenanthrene	11.07	178	499413	37.80	ng	100
71) Anthracene	11.13	178	155345	11.66	ng	98
72) Carbazole	11.29	167	95521	7.66	ng	99
74) Fluoranthene	12.26	202	698426	50.09	ng	99
77) Pyrene	12.49	202	655754	52.46	ng	99
80) Benzo(a)anthracene	13.67	228	398557	41.52	ng	97
82) Chrysene	13.70	228	318589	35.28	ng	97
85) Indeno(1,2,3-cd)pyrene	16.26	276	231646	27.61	ng	# 100
87) Benzo(b)fluoranthene	14.67	252	696179	58.92	ng	# 93
88) Benzo(k)fluoranthene	14.67	252	696179	78.11	ng	98
89) Benzo(a)pyrene	14.98	252	372551	38.97	ng	97
90) Dibenzo(a,h)anthracene	16.40	278	42704	4.81	ng	97
91) Benzo(g,h,i)perylene	16.63	276	217234	23.79	ng	95

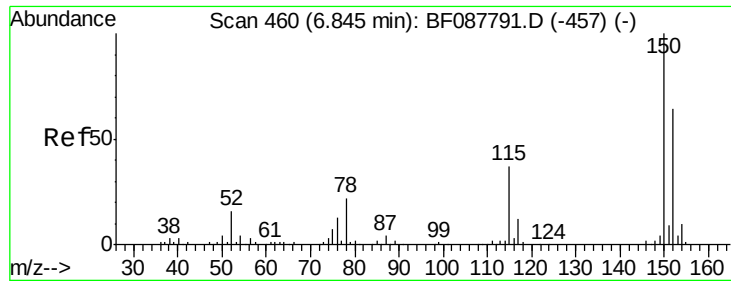
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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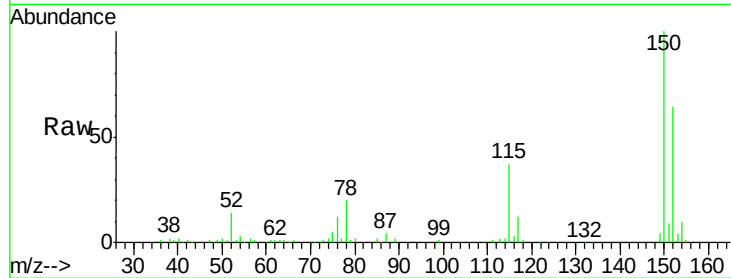


#1

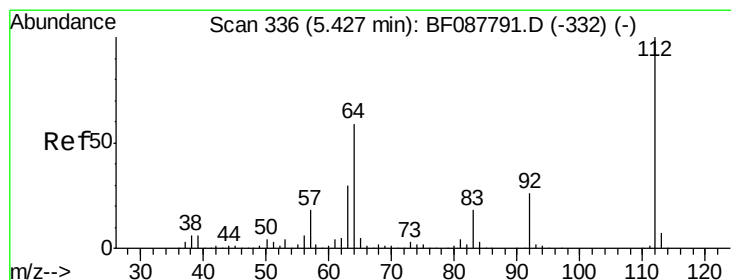
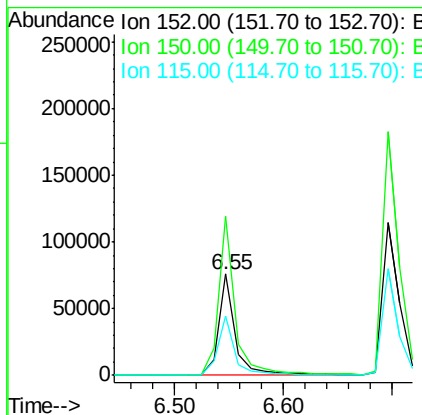
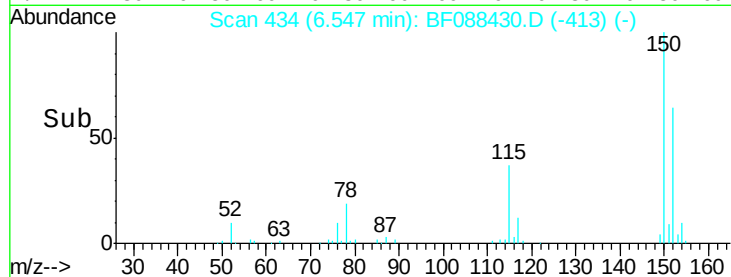
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.06 min
 Lab File: BF088430.D
 Acq: 26 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampled :
 SS-1

Tot Ion:152 Resp: 81844
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.8 185.6
 115 58.1 39.6 59.4



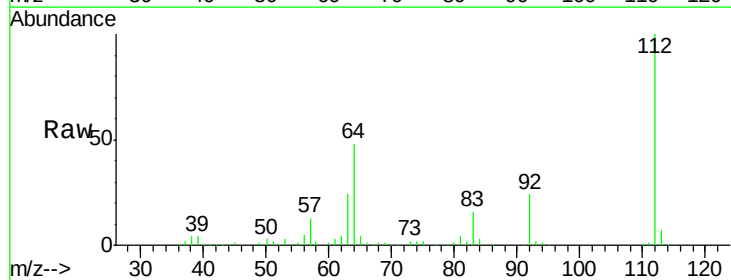
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



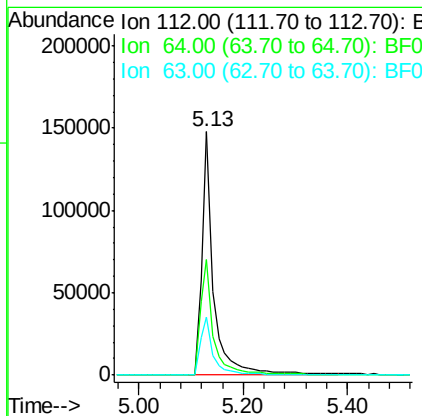
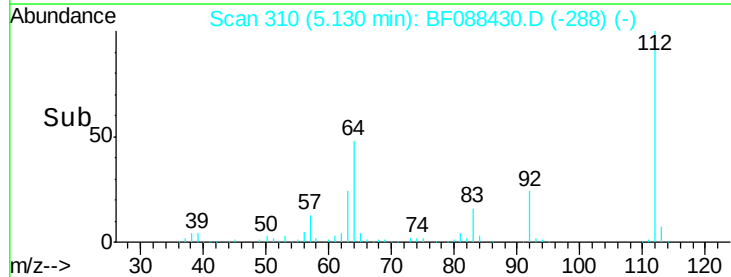
#5

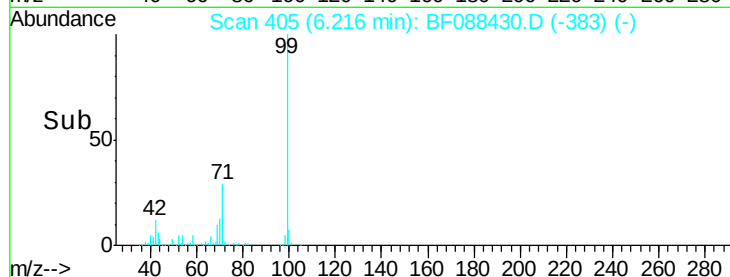
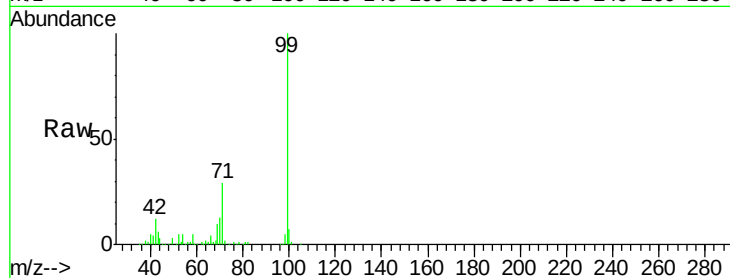
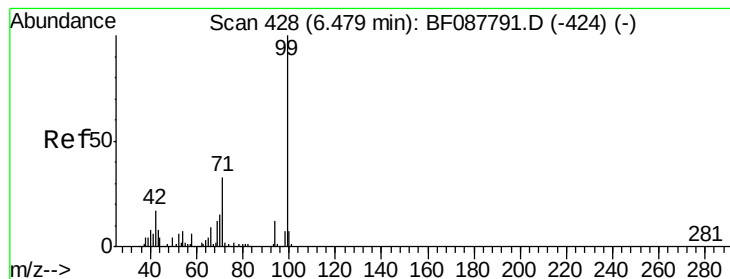
2-Fluorophenol
 Concen: 48.89 ng
 RT: 5.13 min Scan# 310
 Delta R.T. -0.05 min
 Lab File: BF088430.D
 Acq: 26 Jun 2016 20:53

Tgt Ion:112 Resp: 234049
 Ion Ratio Lower Upper
 112 100
 64 47.7 42.2 63.2
 63 24.0 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: 53.95 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampled :

SS-1

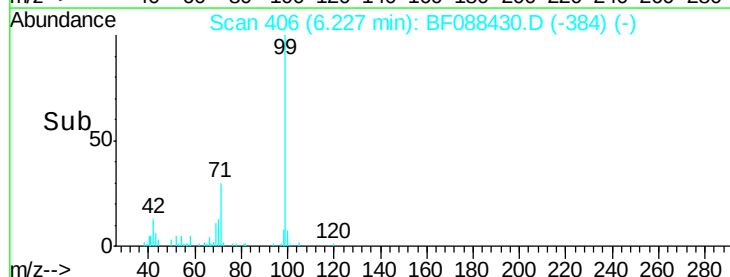
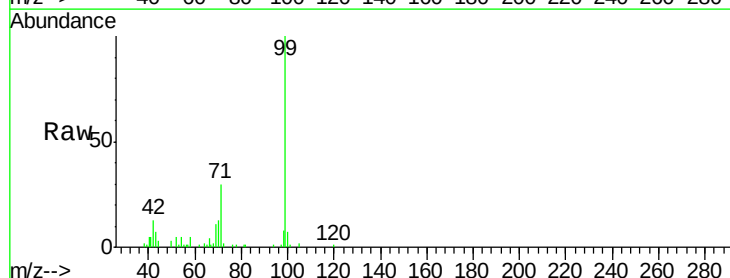
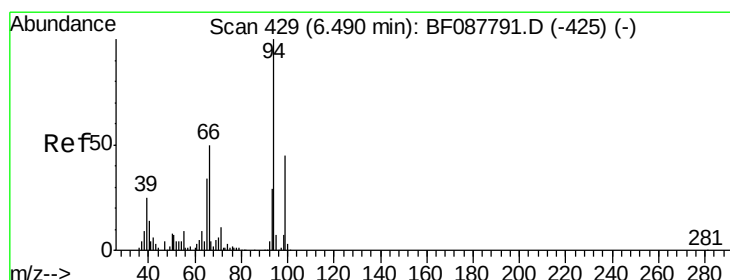
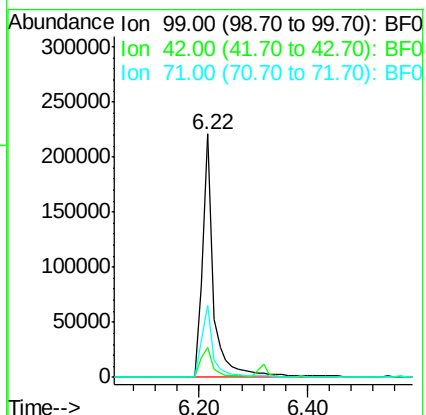
Tot Ion: 99 Resp: 313000

Ion Ratio Lower Upper

99 100

42 12.2 12.2 18.2

71 29.4 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

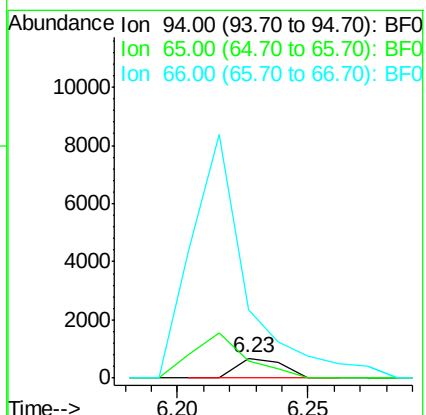
Tgt Ion: 94 Resp: 835

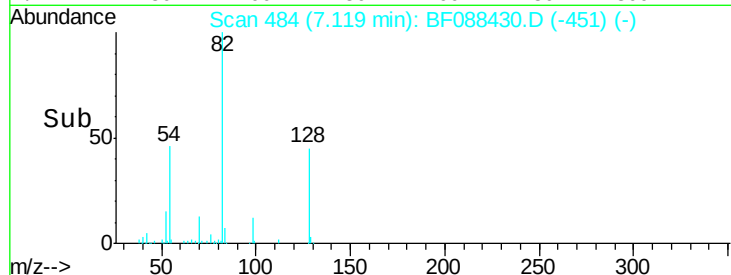
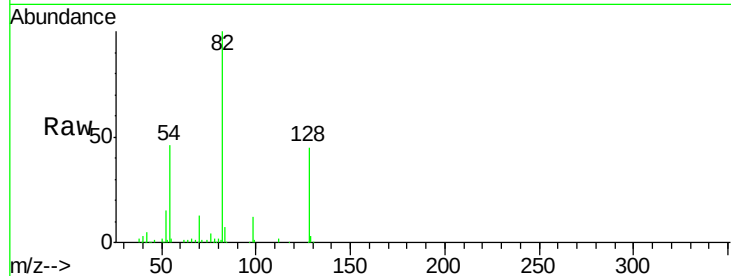
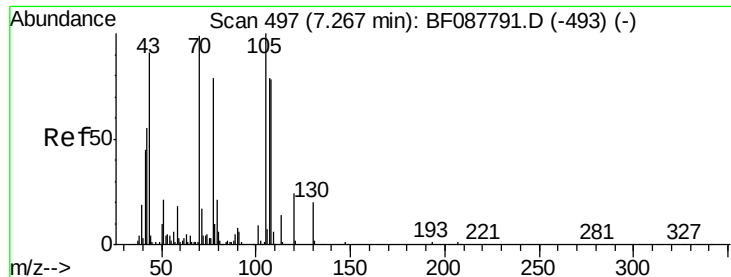
Ion Ratio Lower Upper

94 100

65 86.5 5.9 45.9#

66 339.1 14.0 54.0#

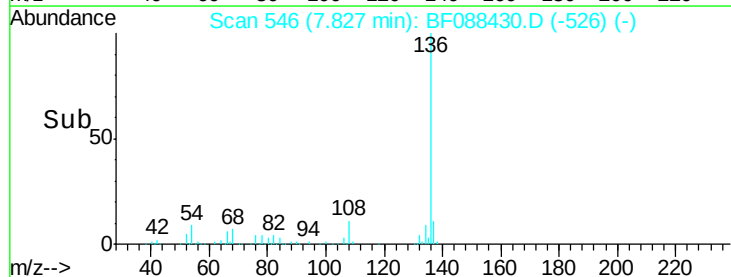
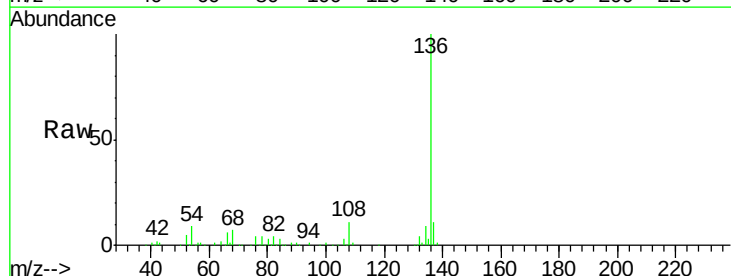
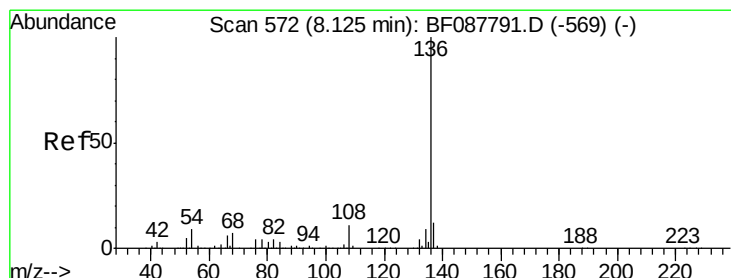
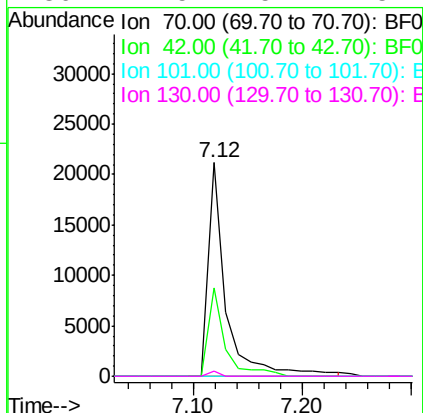




#19
n-Nitroso-di-n-propylamine
Concen: 6.54 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088430.D
Acq: 26 Jun 2016 20:53

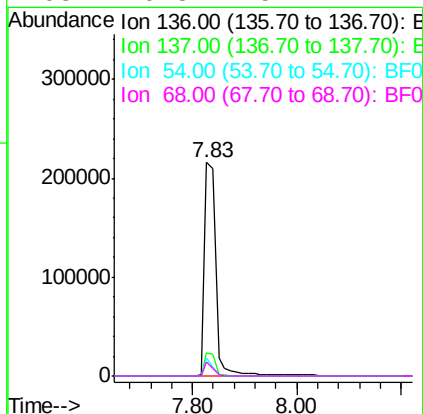
Instrument :
BNA_F
ClientSampleId :
SS-1

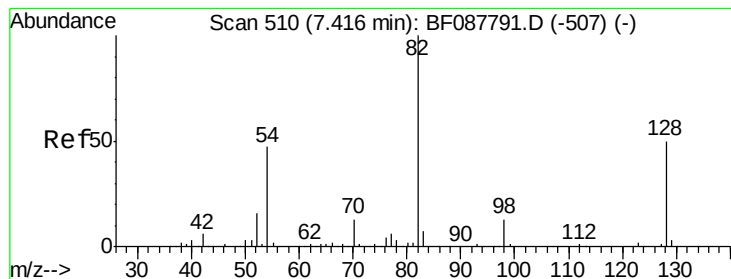
Tot Ion: 70 Resp: 24266
Ion Ratio Lower Upper
70 100
42 41.6 49.6 74.4#
101 0.0 7.1 10.7#
130 2.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.07 min
Lab File: BF088430.D
Acq: 26 Jun 2016 20:53

Tgt Ion: 136 Resp: 331975
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.7 6.6 10.0
68 6.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 34.68 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.06 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SS-1

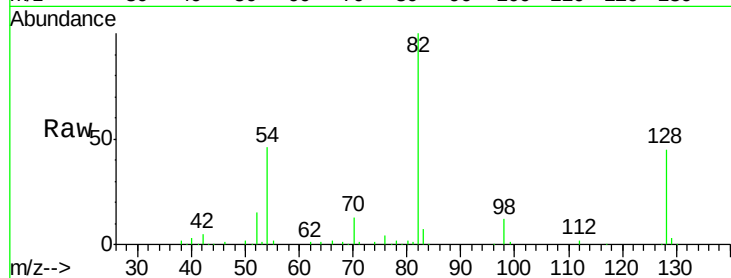
Tot Ion: 82 Resp: 197168

Ion Ratio Lower Upper

82 100

128 44.8 35.9 53.9

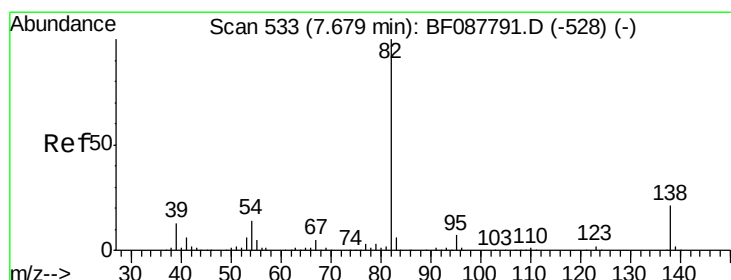
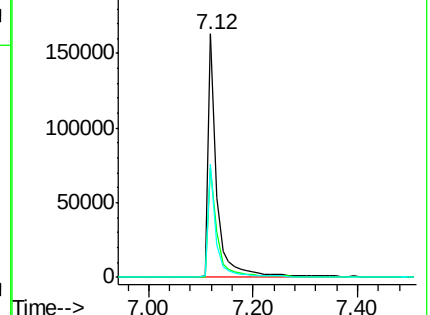
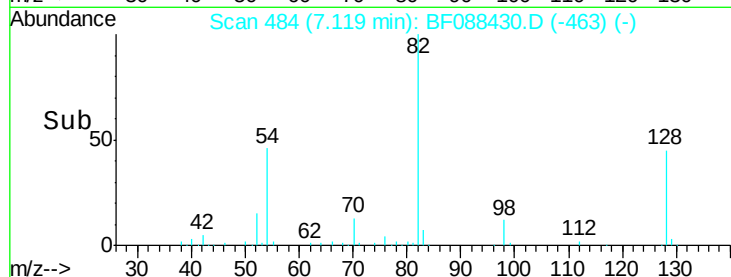
54 46.2 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 18.88 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.32 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

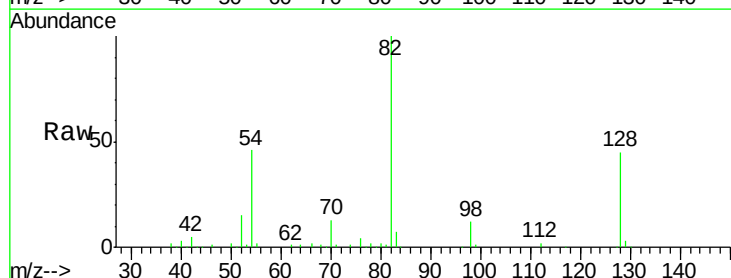
Tgt Ion: 82 Resp: 198857

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

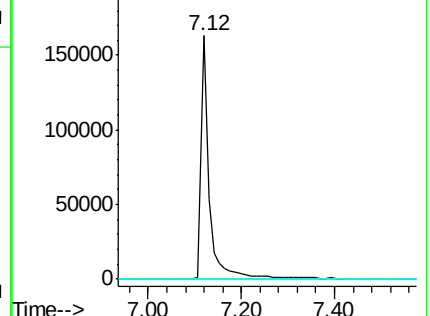
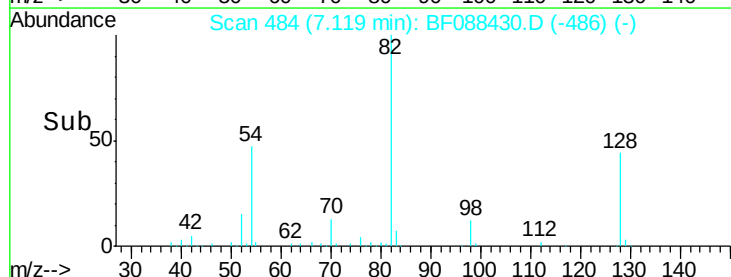
138 0.0 14.6 21.8#

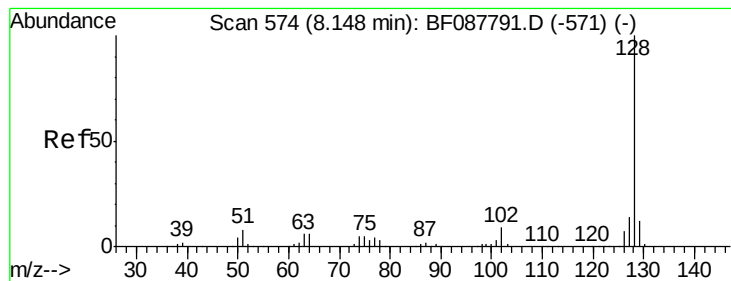


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 3.52 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampled :

SS-1

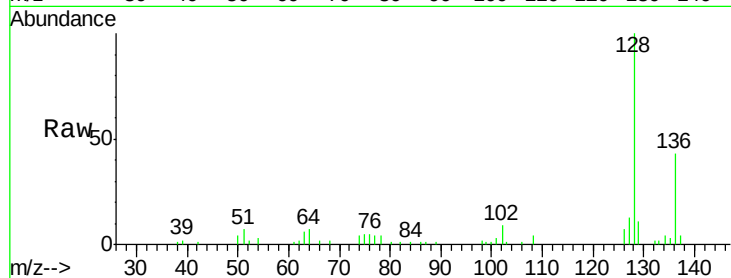
Tot Ion:128 Resp: 57887

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

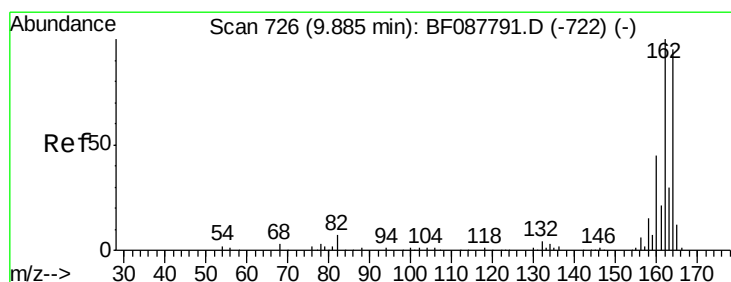
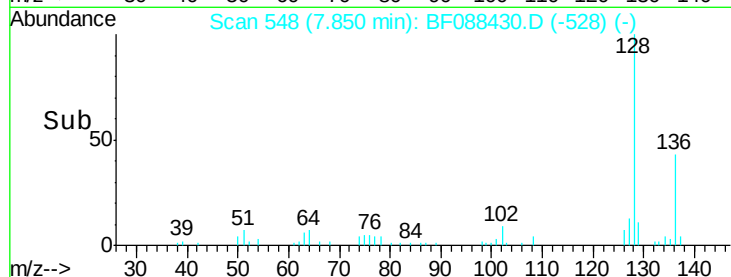
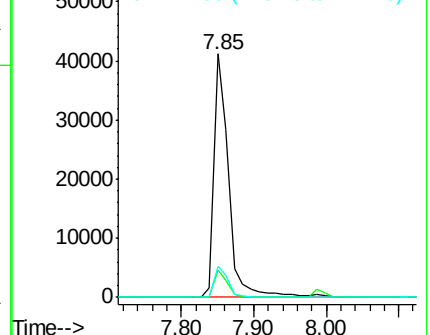
127 12.6 10.9 16.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

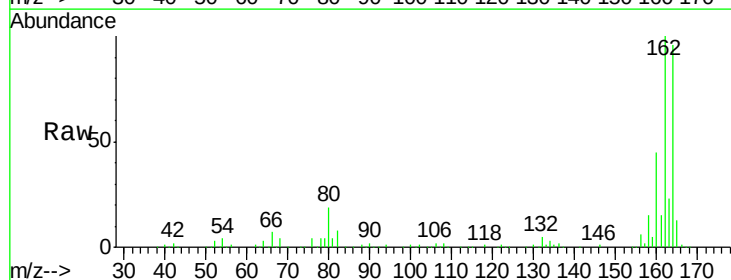
Tgt Ion:164 Resp: 152318

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

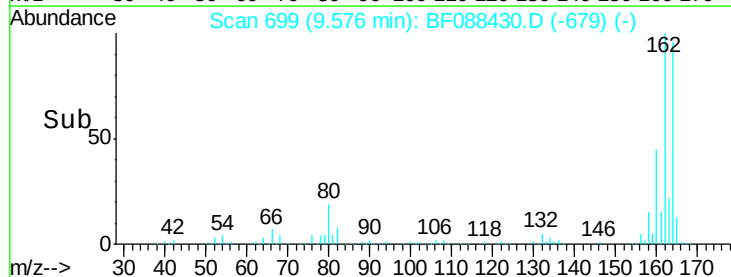
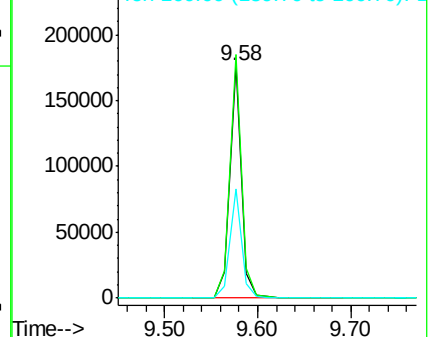
160 46.7 39.5 59.3

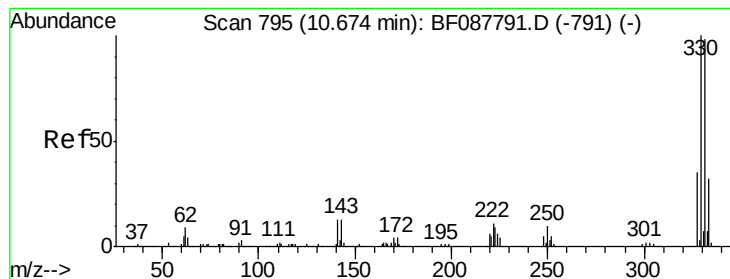


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

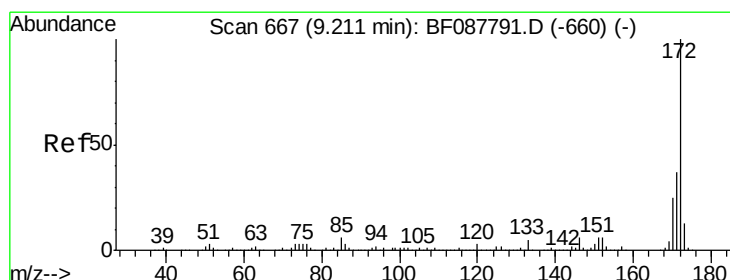
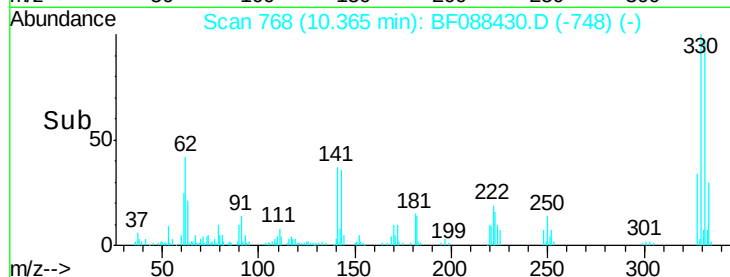
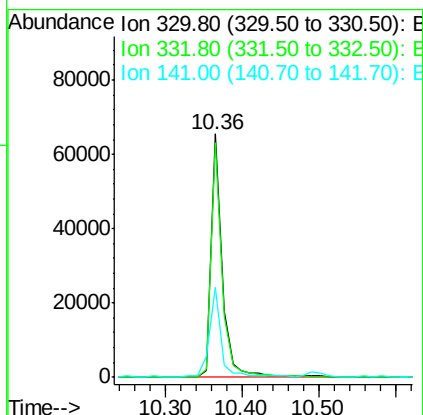
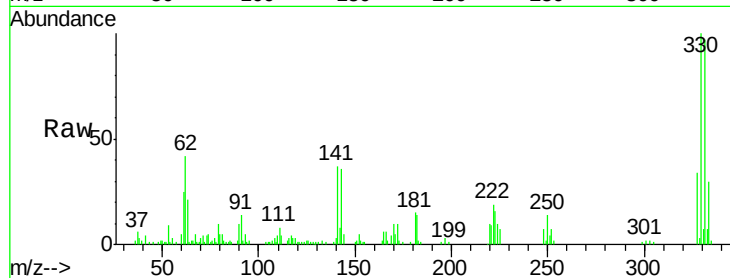




#41
 2,4,6-Tribromophenol
 Concen: 40.92 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.07 min
 Lab File: BF088430.D
 Acq: 26 Jun 2016 20:53

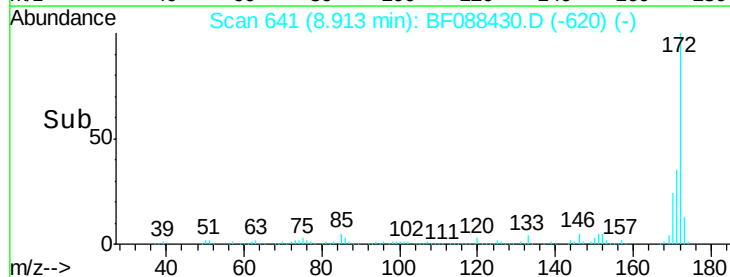
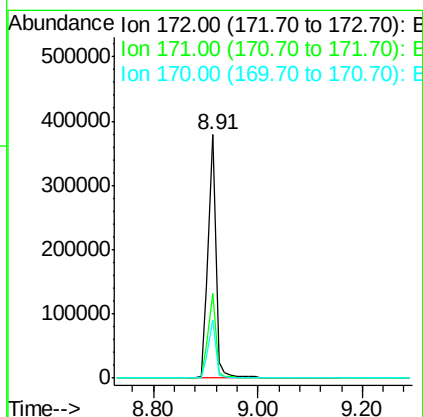
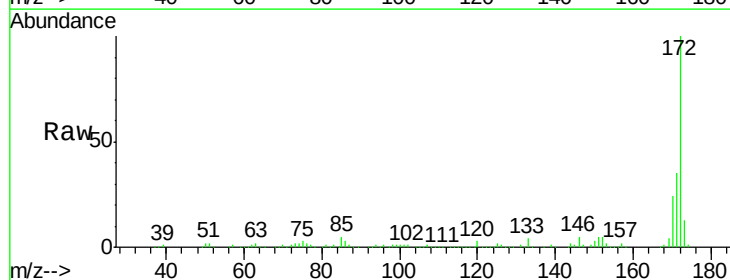
Instrument :
 BNA_F
 ClientSampled :
 SS-1

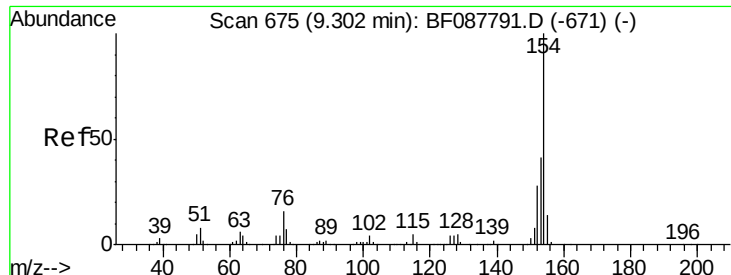
Tot Ion:330 Resp: 65809
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 40.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 38.25 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088430.D
 Acq: 26 Jun 2016 20:53

Tgt Ion:172 Resp: 400447
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.6 19.2 28.8





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.02 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SS-1

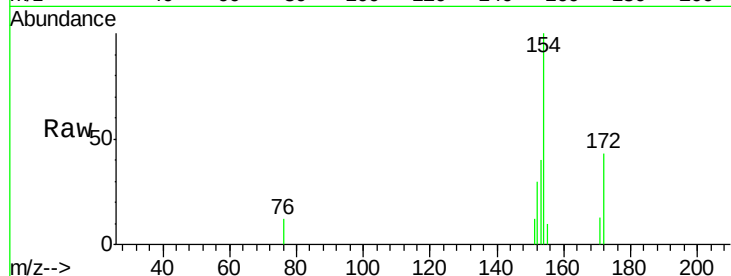
Tot Ion:154 Resp: 4057

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

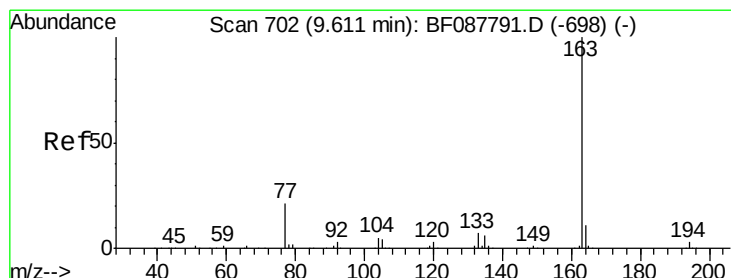
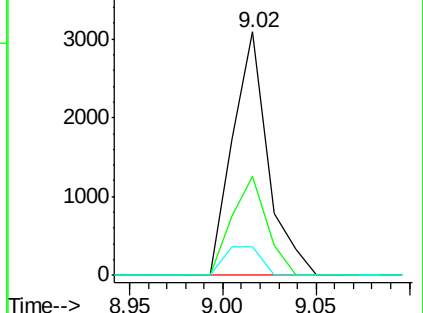
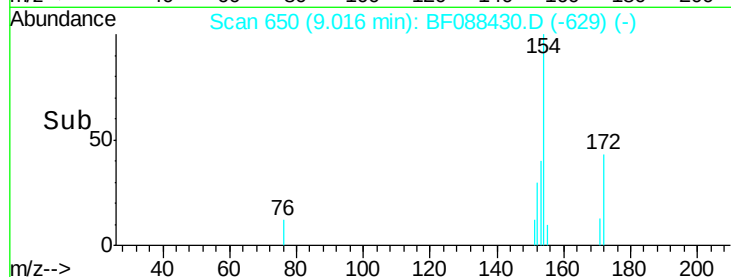
76 11.7 0.0 35.1



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



#49

Dimethylphthalate

Concen: 8.05 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

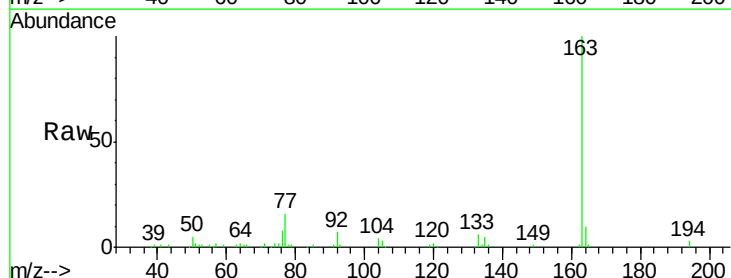
Tgt Ion:163 Resp: 88827

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

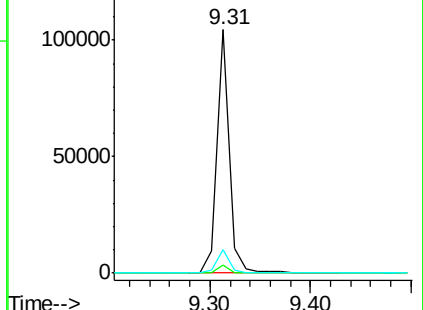
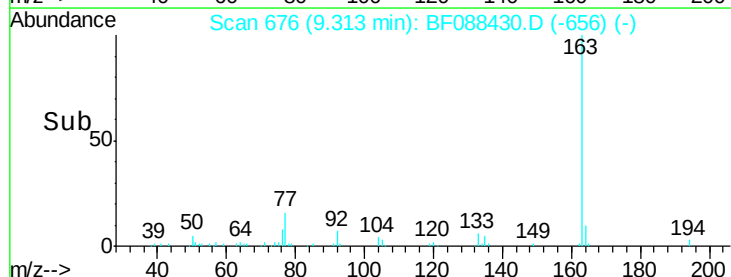
164 9.9 8.3 12.5

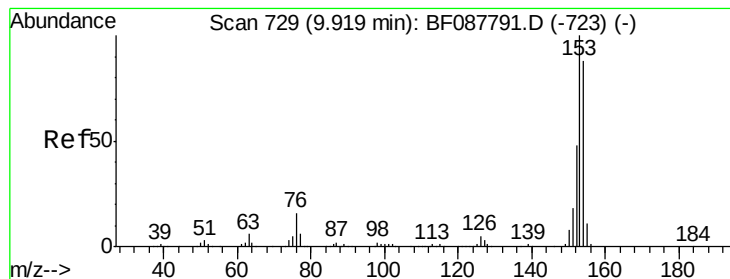


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 6.92 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampled :

SS-1

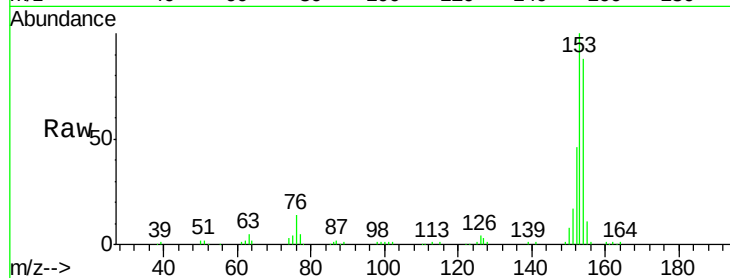
Tot Ion:154 Resp: 67657

Ion Ratio Lower Upper

154 100

153 114.1 89.5 134.3

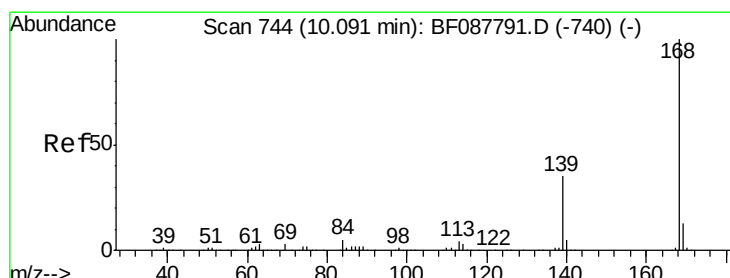
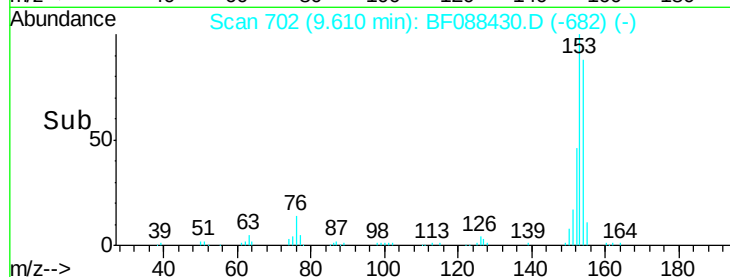
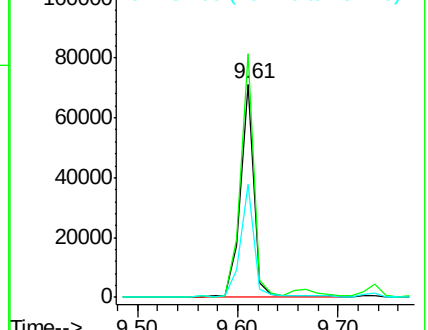
152 52.9 42.7 64.1



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: 3.02 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

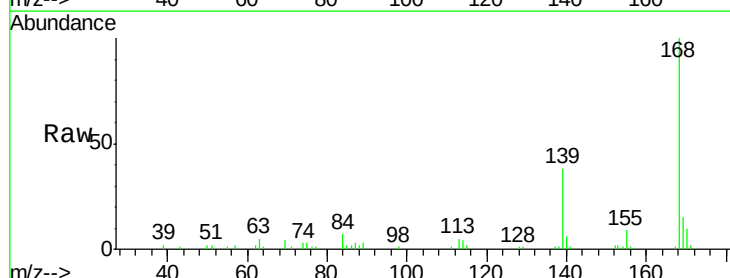
Tgt Ion:168 Resp: 40704

Ion Ratio Lower Upper

168 100

139 37.8 26.4 39.6

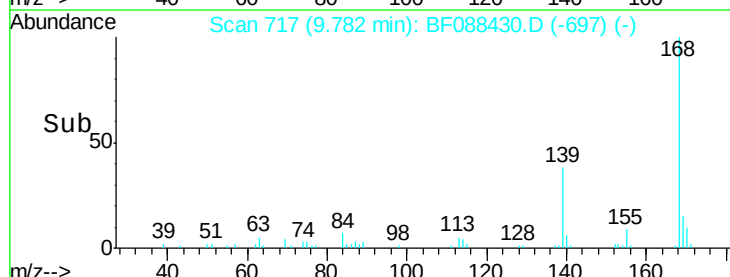
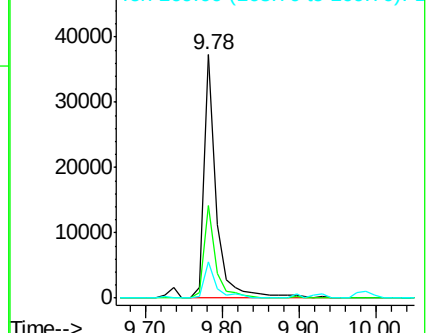
169 15.0 10.4 15.6

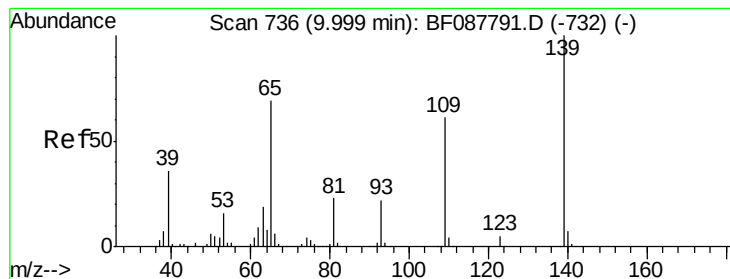


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 6.50 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SS-1

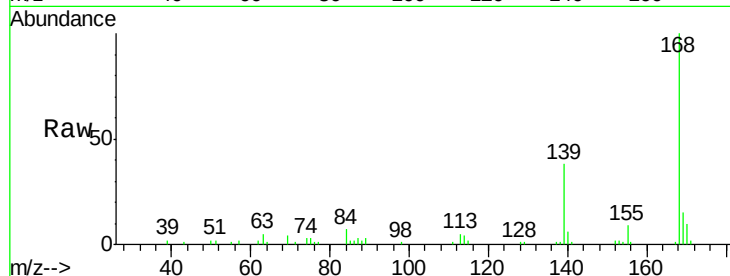
Tot Ion:139 Resp: 14706

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

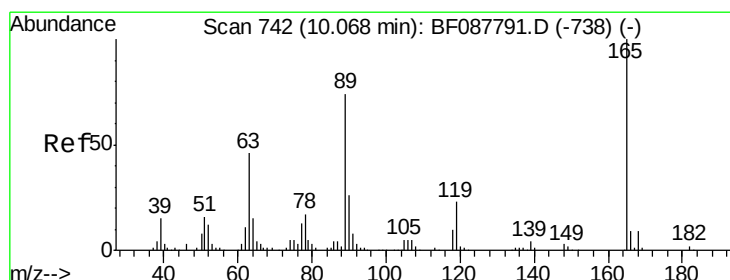
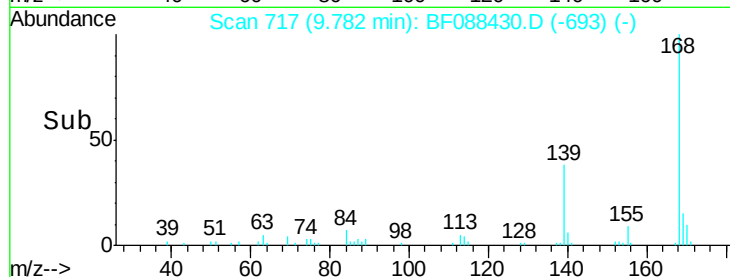
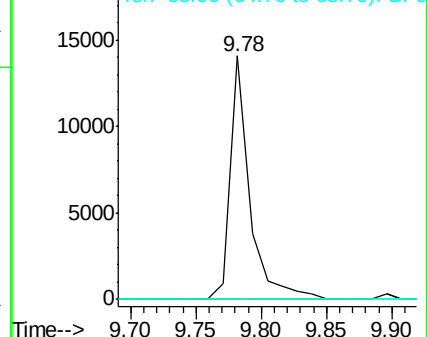
65 0.0 84.9 124.9#



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



#56

2,4-Dinitrotoluene

Concen: 6.21 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.27 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Tgt Ion:165 Resp: 20152

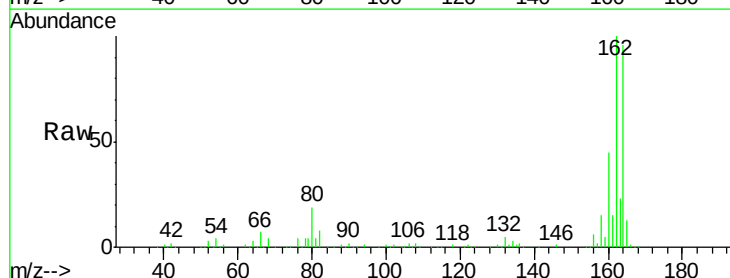
Ion Ratio Lower Upper

165 100

63 1.3 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

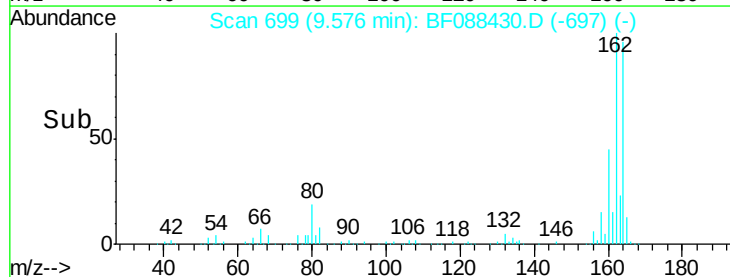
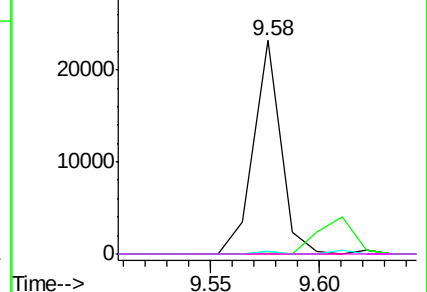


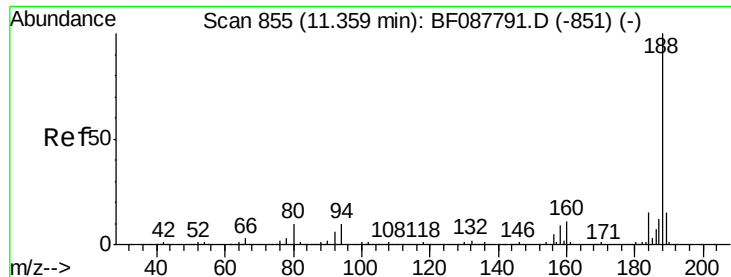
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

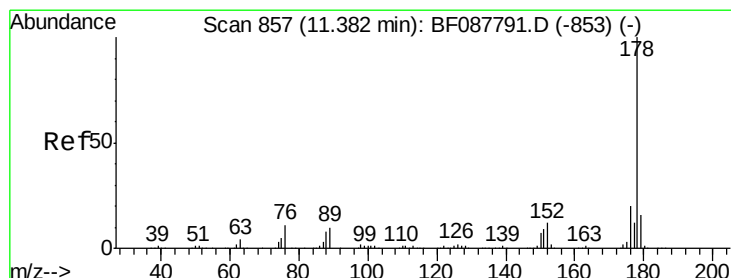
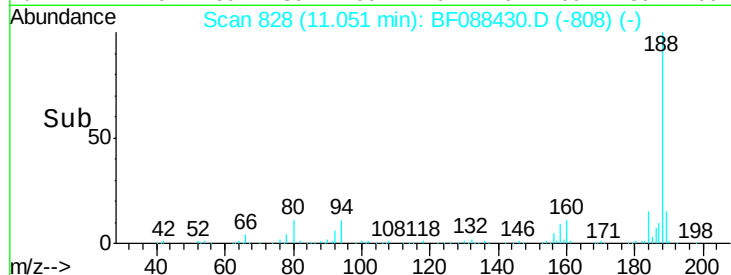
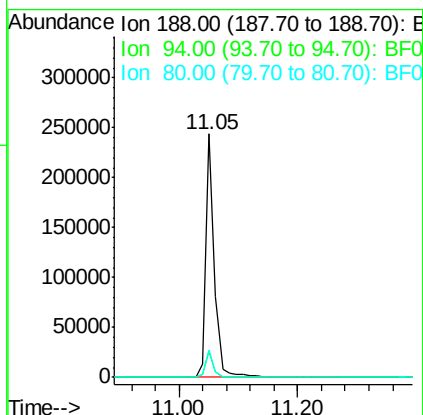
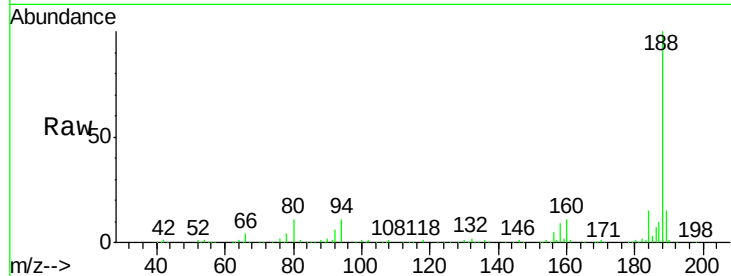




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088430.D
Acq: 26 Jun 2016 20:53

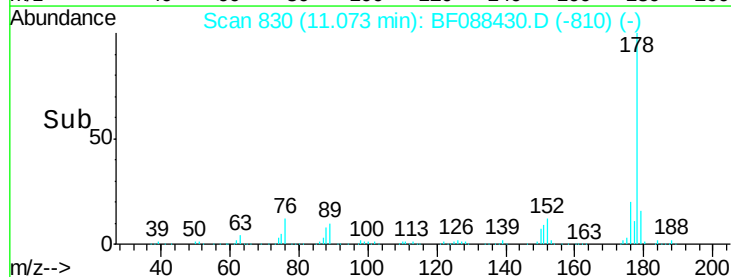
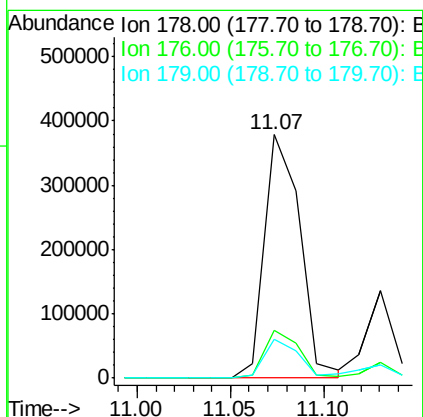
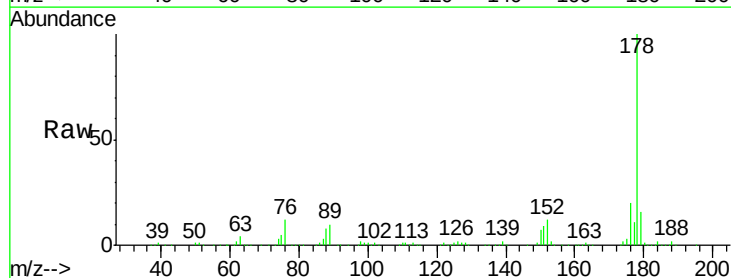
Instrument :
BNA_F
ClientSampleId :
SS-1

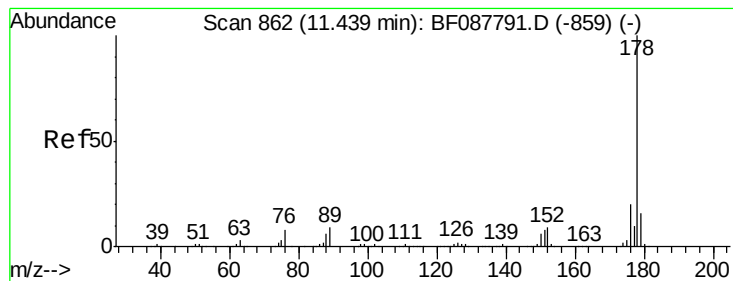
Tot Ion:188 Resp: 251772
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 11.5 10.0 15.0



#70
Phenanthrene
Concen: 37.80 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.07 min
Lab File: BF088430.D
Acq: 26 Jun 2016 20:53

Tgt Ion:178 Resp: 499413
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.9 13.0 19.4





#71

Anthracene

Concen: 11.66 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampled :

SS-1

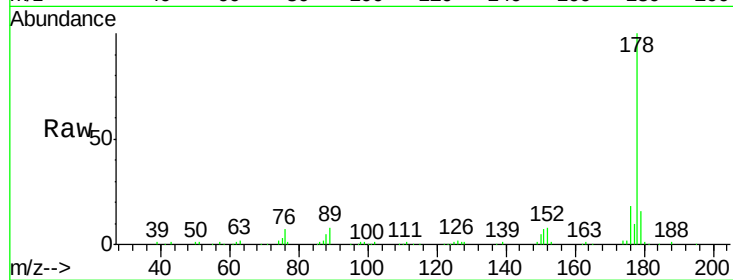
Tot Ion:178 Resp: 155345

Ion Ratio Lower Upper

178 100

176 18.0 15.6 23.4

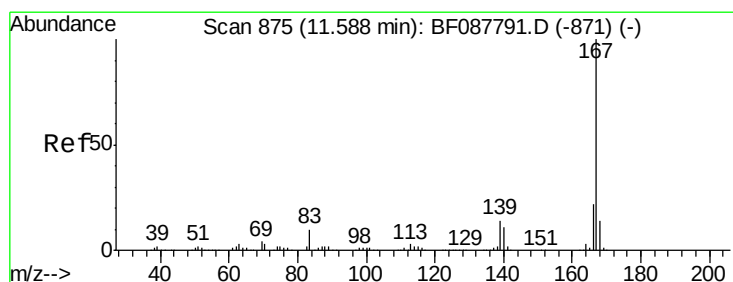
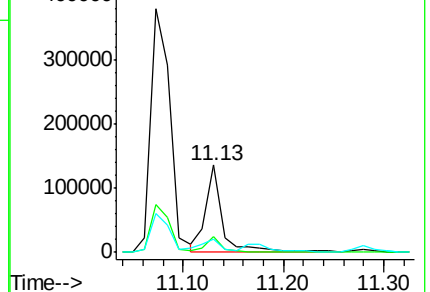
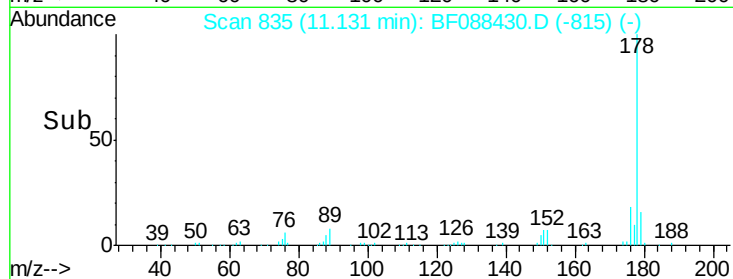
179 15.7 12.8 19.2



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: 7.66 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

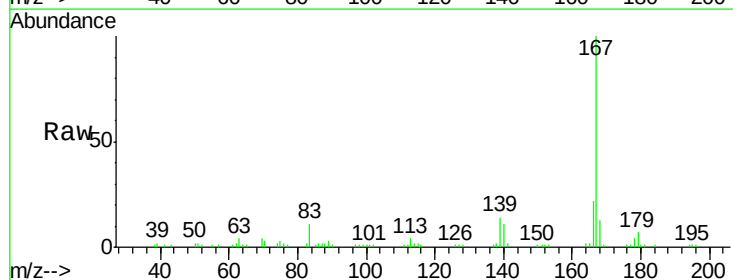
Tgt Ion:167 Resp: 95521

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

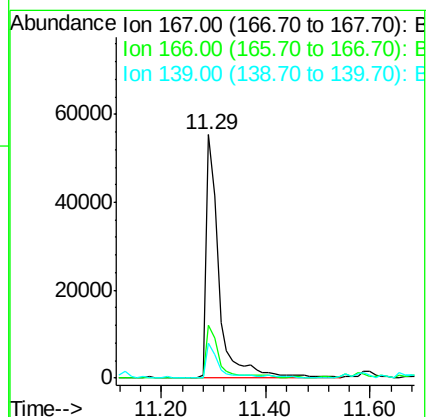
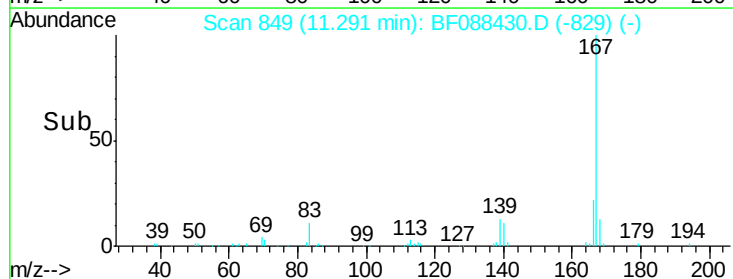
139 14.2 11.2 16.8

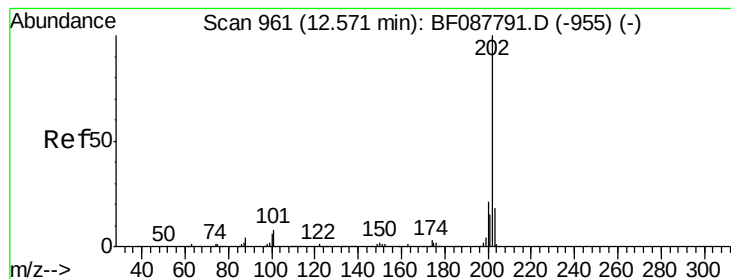


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 50.09 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SS-1

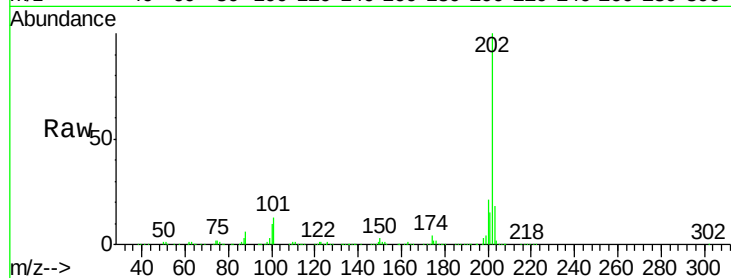
Tot Ion:202 Resp: 698426

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.1

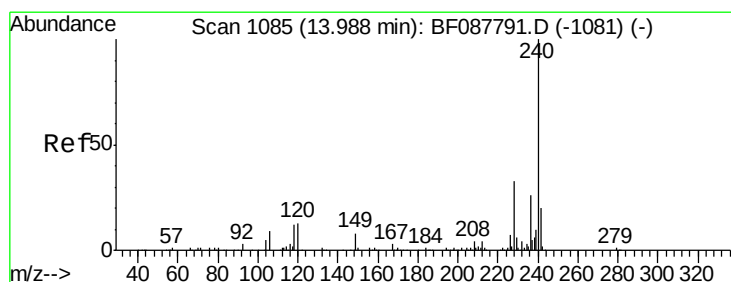
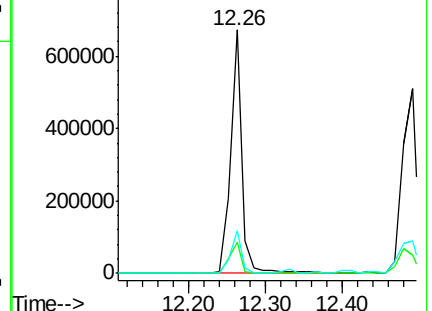
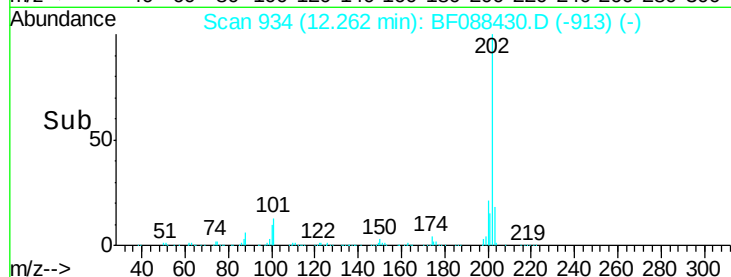
203 17.8 0.0 38.1



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: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

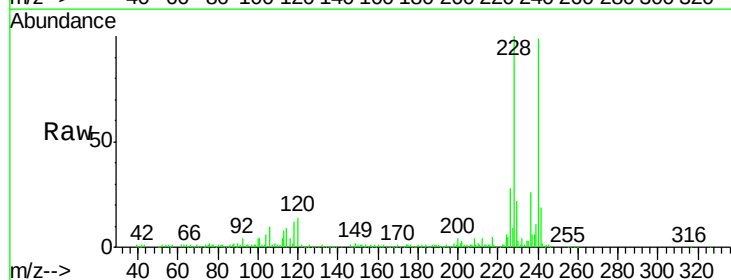
Tgt Ion:240 Resp: 168441

Ion Ratio Lower Upper

240 100

120 14.3 6.8 10.2#

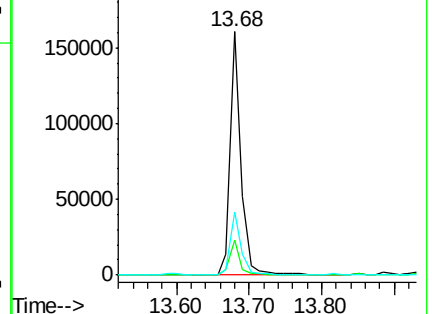
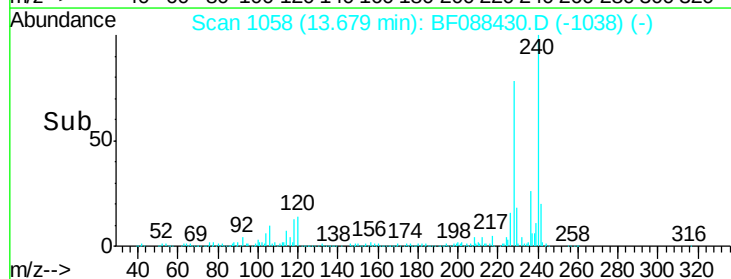
236 25.9 20.2 30.2

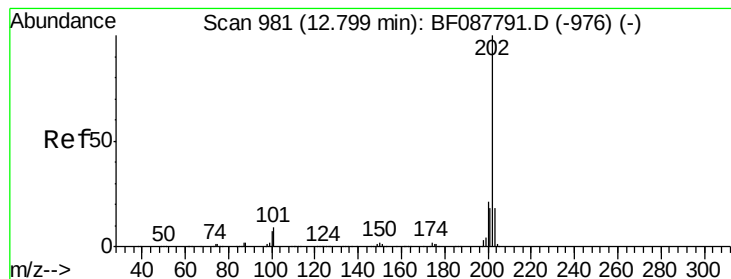


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 52.46 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.06 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SS-1

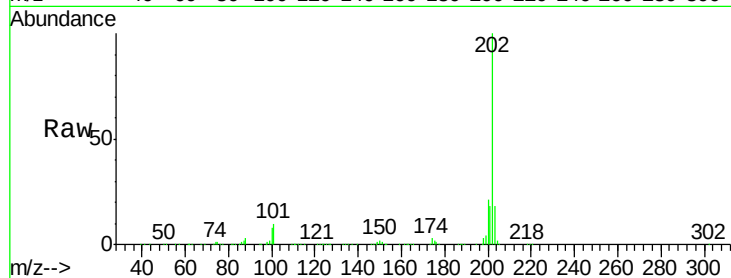
Tot Ion:202 Resp: 655754

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

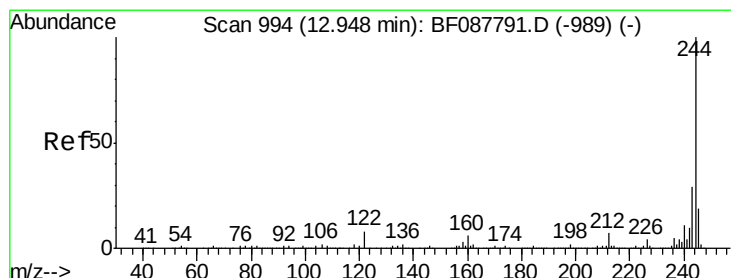
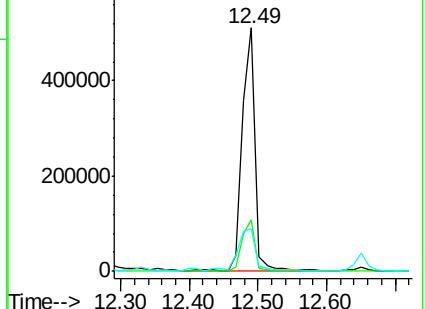
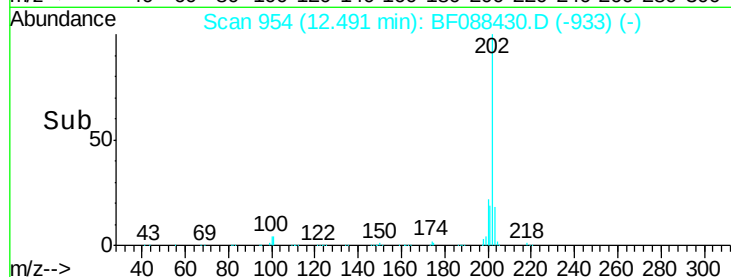
203 17.6 14.5 21.7



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: 35.77 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

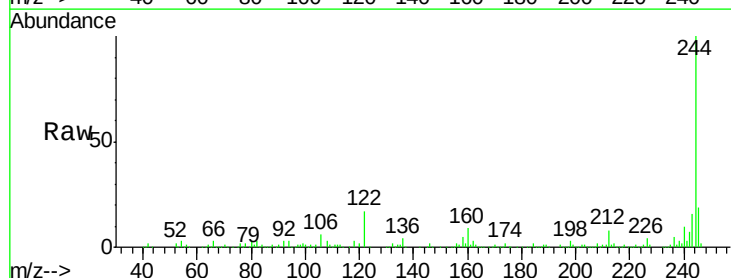
Tgt Ion:244 Resp: 264769

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

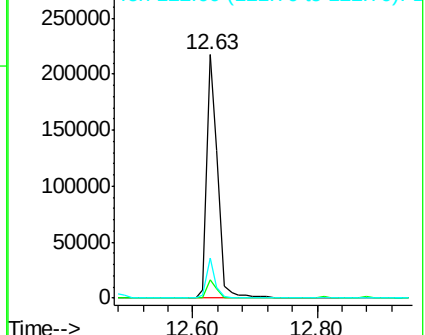
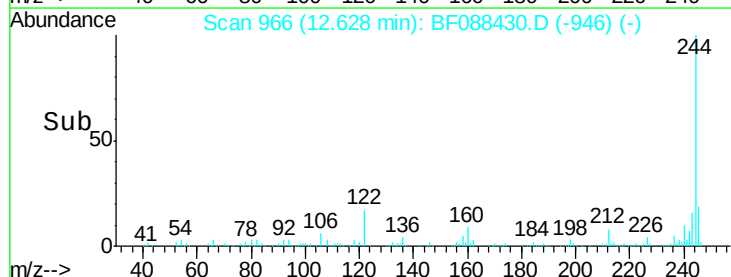
122 16.7 11.2 16.8

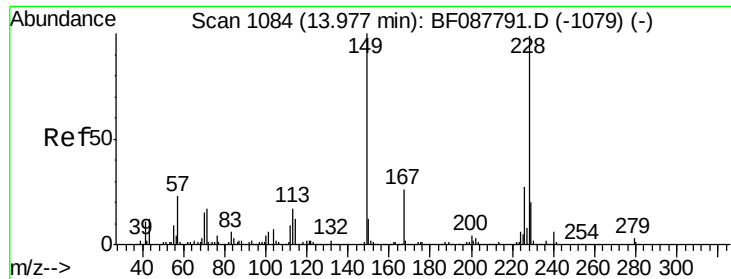


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 41.52 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SS-1

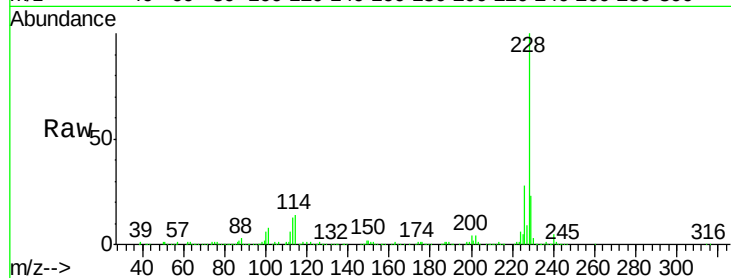
Tot Ion:228 Resp: 398557

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

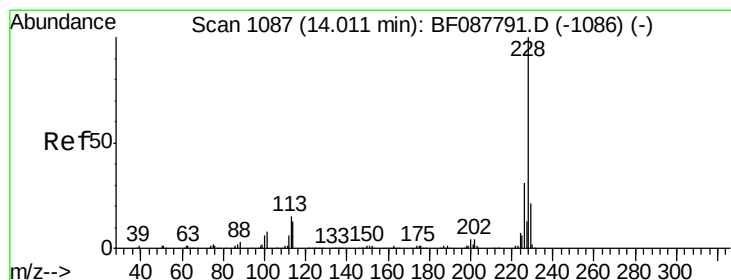
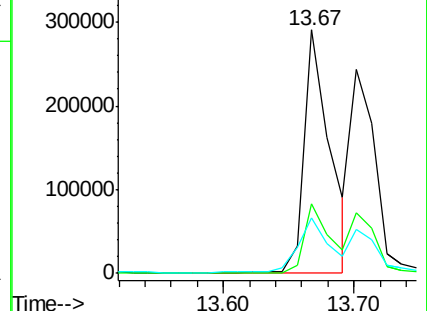
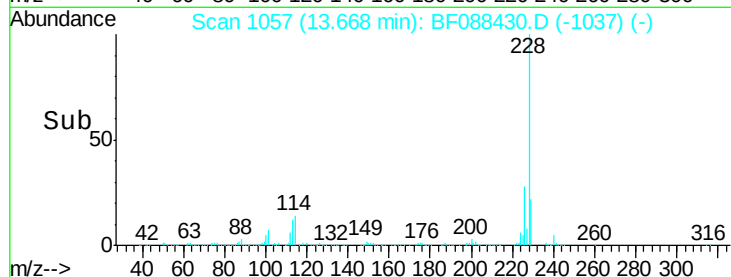
229 22.5 16.0 24.0



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: 35.28 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.07 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

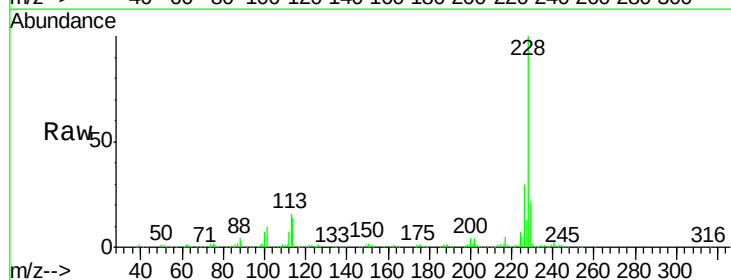
Tgt Ion:228 Resp: 318589

Ion Ratio Lower Upper

228 100

226 29.9 25.4 38.2

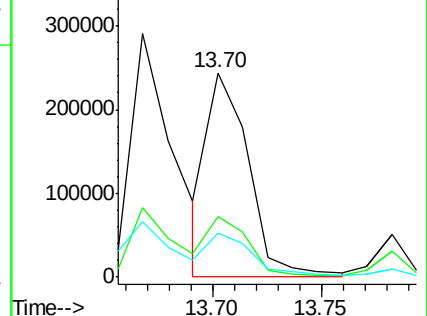
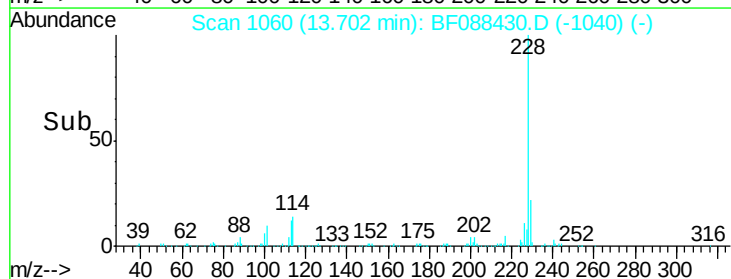
229 21.8 16.3 24.5

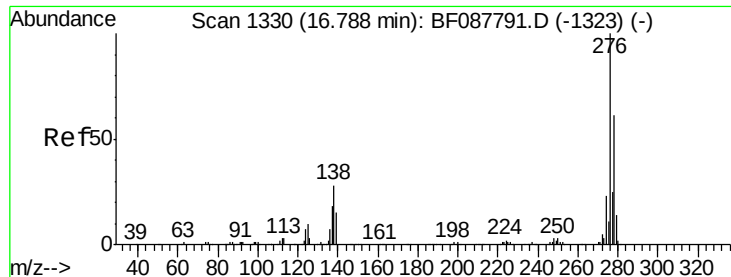


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

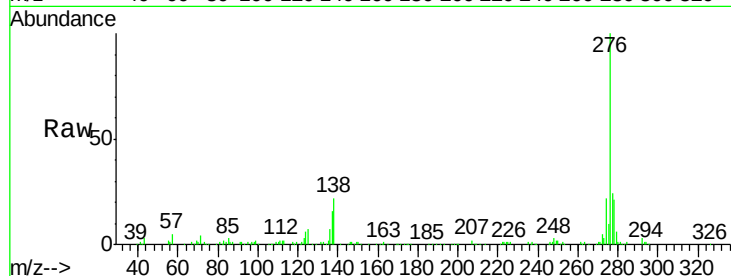




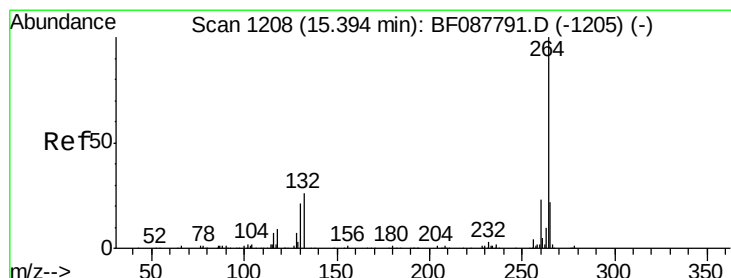
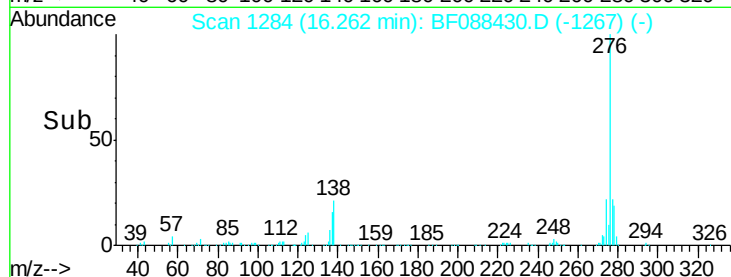
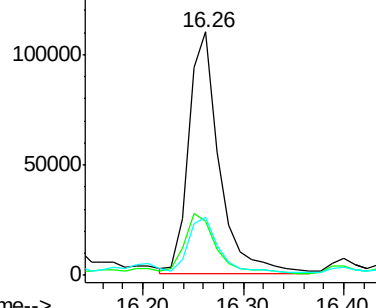
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.61 ng
 RT: 16.26 min Scan# 1284
 Delta R.T. -0.10 min
 Lab File: BF088430.D
 Acq: 26 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampled :
 SS-1

Tot Ion:276 Resp: 231646
 Ion Ratio Lower Upper
 276 100
 138 25.1 0.0 0.0#
 277 23.0 0.0 0.0#

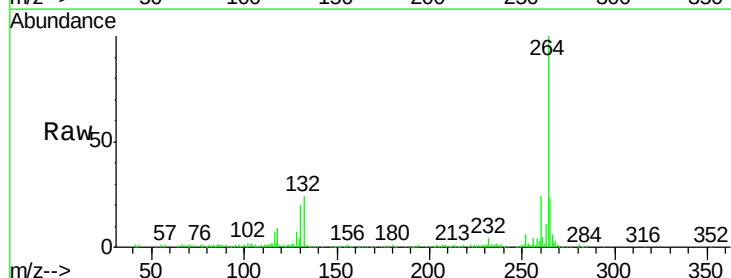


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

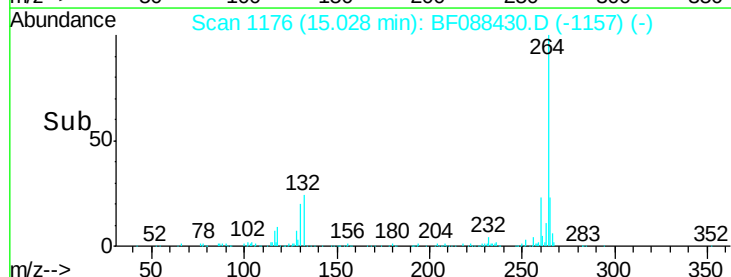
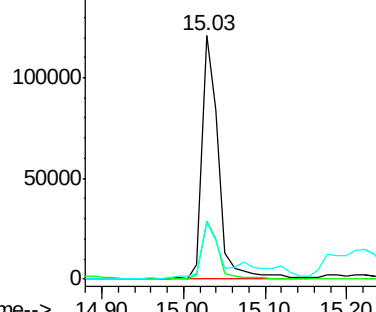


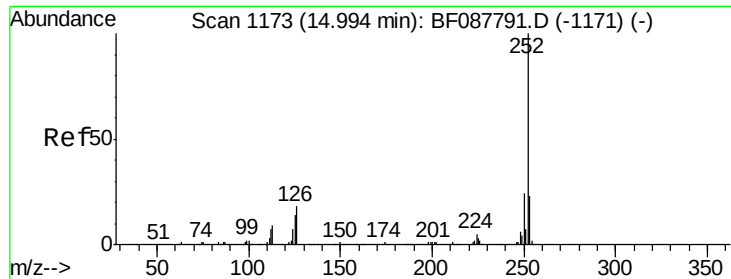
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF088430.D
 Acq: 26 Jun 2016 20:53

Tgt Ion:264 Resp: 169513
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 23.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

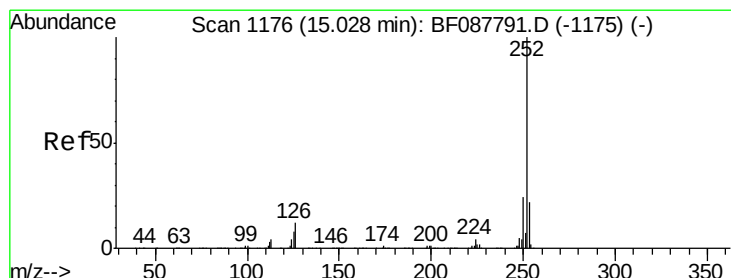
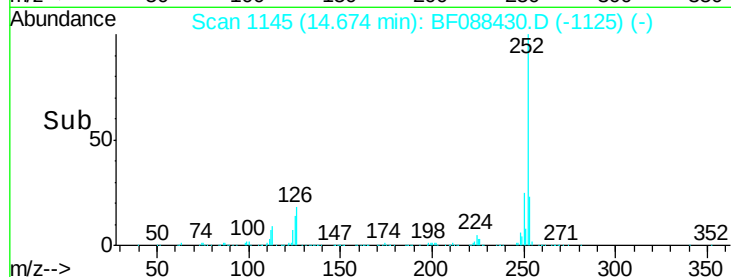
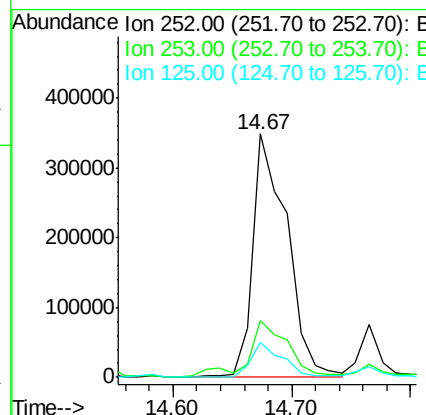
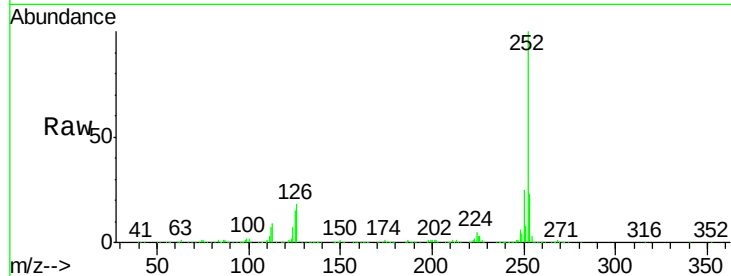




#87
Benzo(b)fluoranthene
Concen: 58.92 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BF088430.D
Acq: 26 Jun 2016 20:53

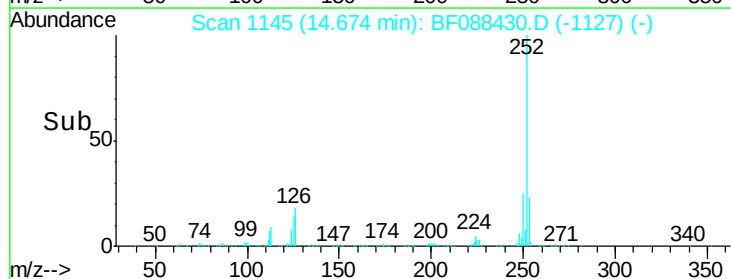
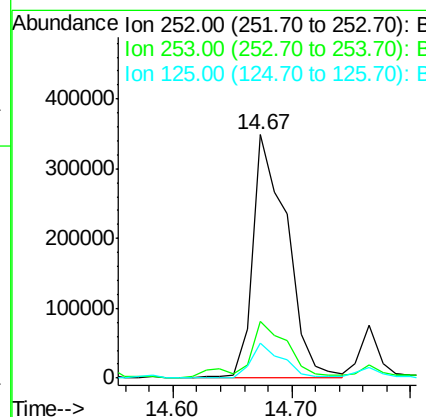
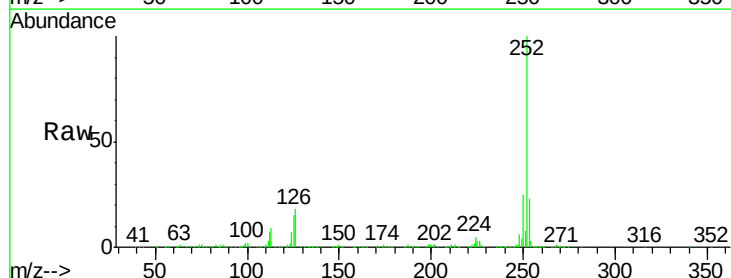
Instrument :
BNA_F
ClientSampleId :
SS-1

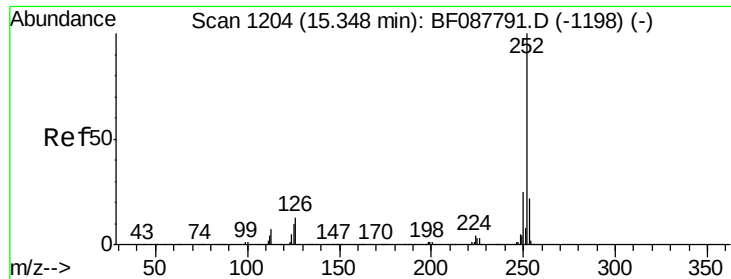
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	14.6	7.1	10.7



#88
Benzo(k)fluoranthene
Concen: 78.11 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF088430.D
Acq: 26 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	14.6	11.2	16.8

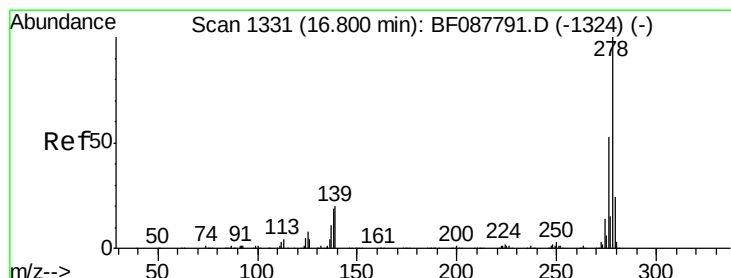
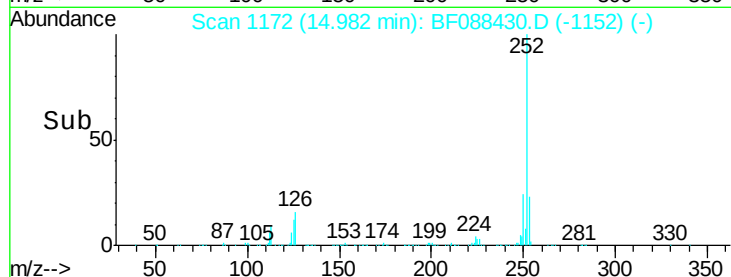
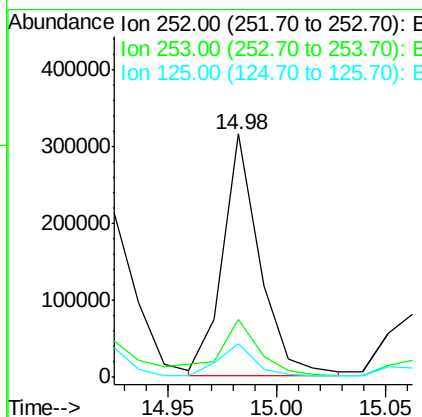
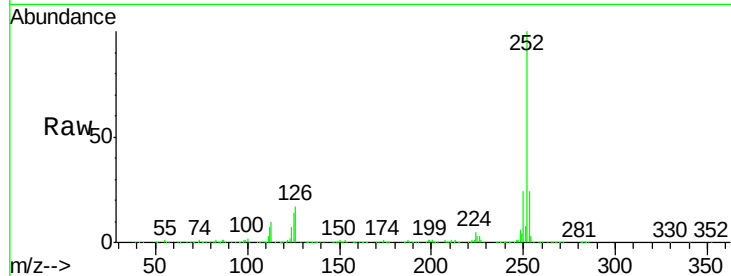




#89
Benzo(a)pyrene
Concen: 38.97 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088430.D
Acq: 26 Jun 2016 20:53

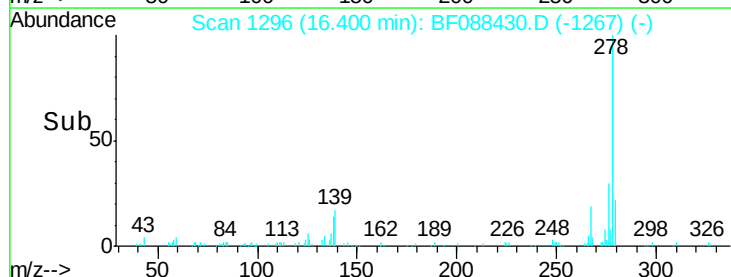
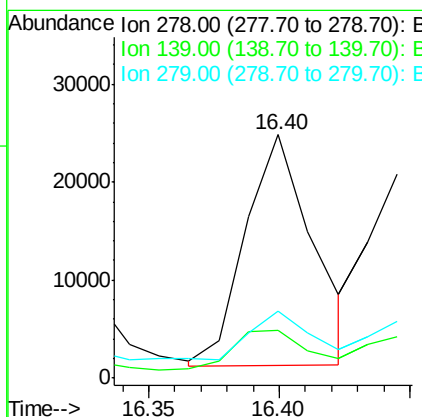
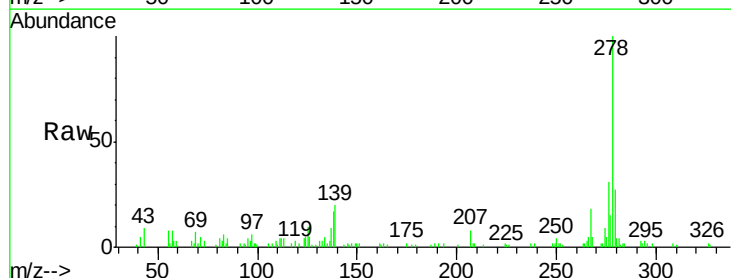
Instrument :
BNA_F
ClientSampleId :
SS-1

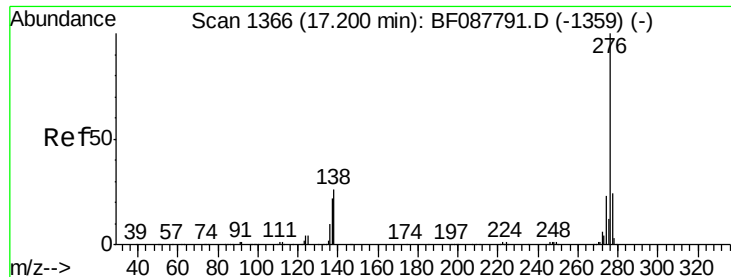
Tot Ion:252 Resp: 372551
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 13.6 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 4.81 ng
RT: 16.40 min Scan# 1296
Delta R.T. 0.03 min
Lab File: BF088430.D
Acq: 26 Jun 2016 20:53

Tgt Ion:278 Resp: 42704
Ion Ratio Lower Upper
278 100
139 19.6 15.7 23.5
279 27.3 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 23.79 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF088430.D

Acq: 26 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SS-1

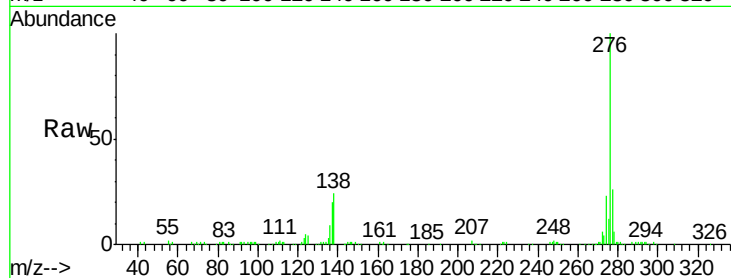
Tot Ion:276 Resp: 217234

Ion Ratio Lower Upper

276 100

277 25.9 18.9 28.3

138 24.3 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

