

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088431.D
 Acq On : 26 Jun 2016 21:22
 Operator : UM/SJ
 Sample : H3663-05 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Quant Time: Jun 27 03:58:25 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

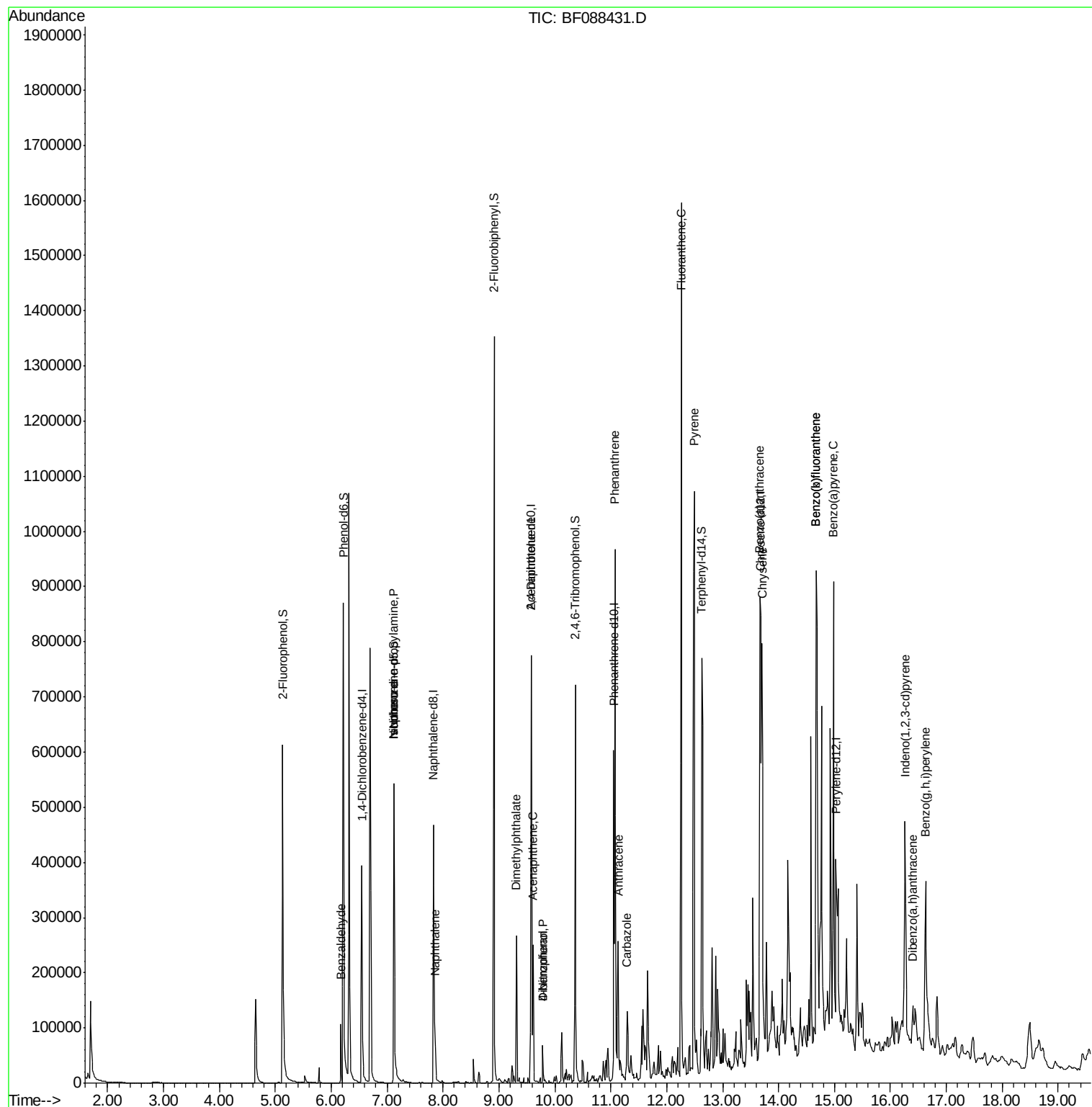
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	80906	20.00	ng	-0.06
21) Naphthalene-d8	7.83	136	330067	20.00	ng	-0.07
38) Acenaphthene-d10	9.58	164	149861	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	245240	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	162173	20.00	ng	-0.07
86) Perylene-d12	15.03	264	163995	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	307774	65.03	ng	-0.05
7) Phenol-d6	6.22	99	411707	71.78	ng	-0.05
23) Nitrobenzene-d5	7.12	82	233287	41.27	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	85647	54.13	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	493090	49.37	ng	-0.06
78) Terphenyl-d14	12.63	244	343121	48.15	ng	-0.07
Target Compounds						Qvalue
9) Benzaldehyde	6.17	77	9649	2.48	ng	# 1
10) Phenol	6.23	94	1884	Below	Cal	# 1
19) n-Nitroso-di-n-propylamine	7.12	70	28869	7.87	ng	# 72
25) Isophorone	7.12	82	237824	22.72	ng	# 65
31) Naphthalene	7.85	128	57228	3.50	ng	98
45) 1,1'-Biphenyl	9.02	154	2747	Below	Cal	96
49) Dimethylphthalate	9.31	163	111933	10.31	ng	99
51) Acenaphthene	9.61	154	60523	6.29	ng	98
54) Dibenzofuran	9.78	168	32460	2.45	ng	95
55) 4-Nitrophenol	9.78	139	11274	5.06	ng	# 5
56) 2,4-Dinitrotoluene	9.58	165	19830	6.21	ng	# 38
57) Fluorene	10.12	166	33838	Below	Cal	100
70) Phenanthrene	11.07	178	443992	34.50	ng	99
71) Anthracene	11.13	178	131711	10.15	ng	98
72) Carbazole	11.29	167	81609	6.72	ng	99
74) Fluoranthene	12.26	202	694244	51.12	ng	99
77) Pyrene	12.49	202	622983	51.77	ng	99
80) Benzo(a)anthracene	13.67	228	399403	43.22	ng	98
82) Chrysene	13.70	228	314432	36.16	ng	98
85) Indeno(1,2,3-cd)pyrene	16.26	276	242107	29.97	ng	# 100
87) Benzo(b)fluoranthene	14.67	252	710790	62.18	ng	# 94
88) Benzo(k)fluoranthene	14.67	252	710790	82.44	ng	99
89) Benzo(a)pyrene	14.98	252	388825	42.05	ng	98
90) Dibenzo(a,h)anthracene	16.40	278	43609	5.08	ng	98
91) Benzo(g,h,i)perylene	16.63	276	232999	26.37	ng	98

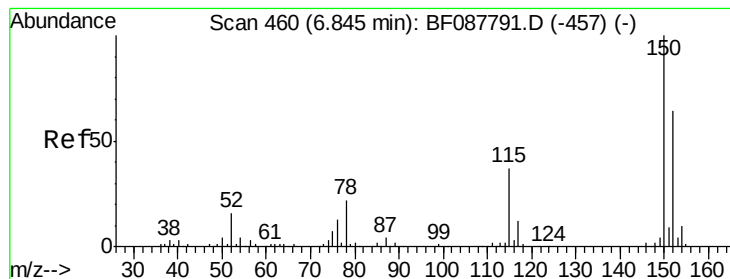
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.06 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SS-3

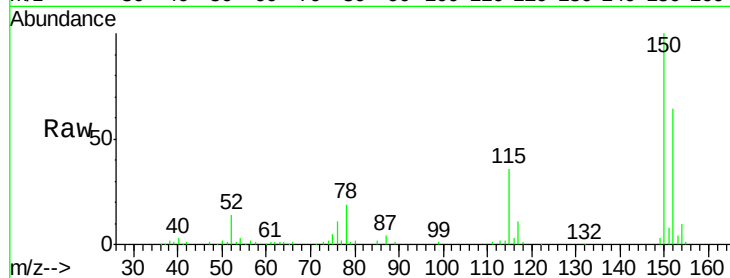
Tot Ion:152 Resp: 80906

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.6

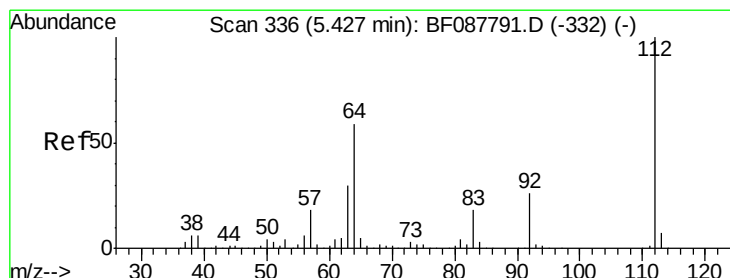
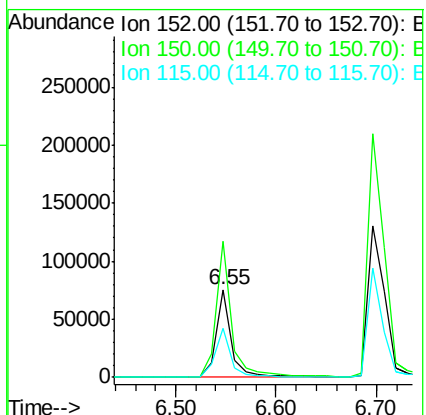
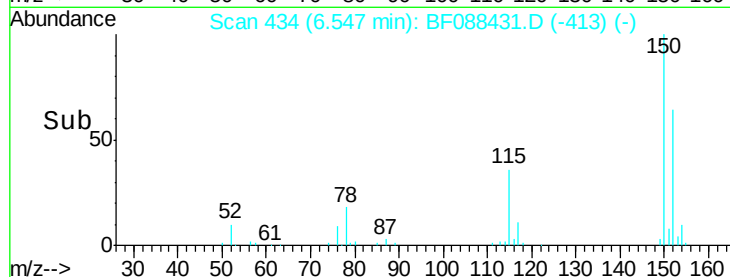
115 55.5 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 65.03 ng

RT: 5.13 min Scan# 310

Delta R.T. -0.05 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

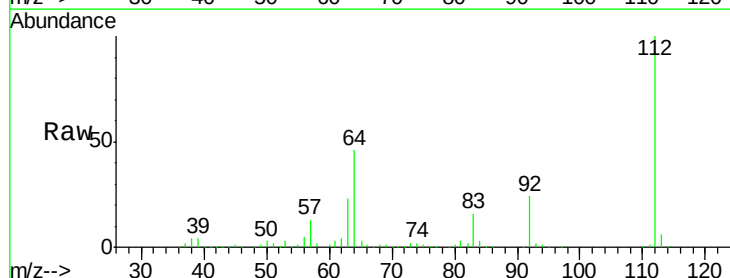
Tgt Ion:112 Resp: 307774

Ion Ratio Lower Upper

112 100

64 46.1 42.2 63.2

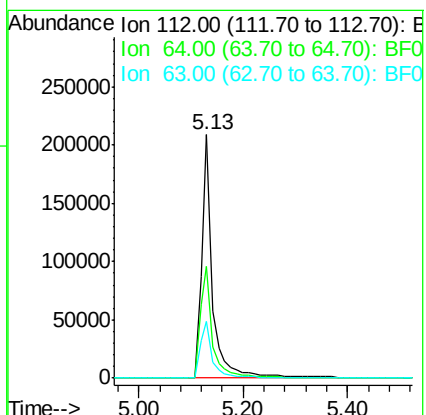
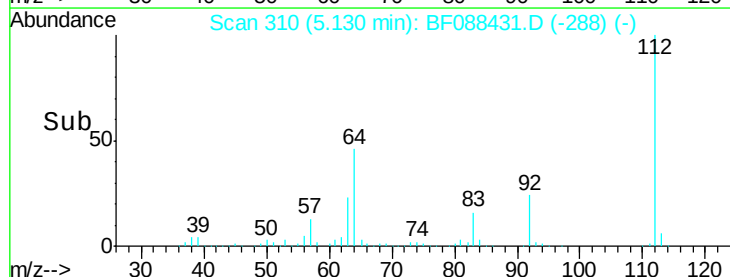
63 23.4 21.8 32.8

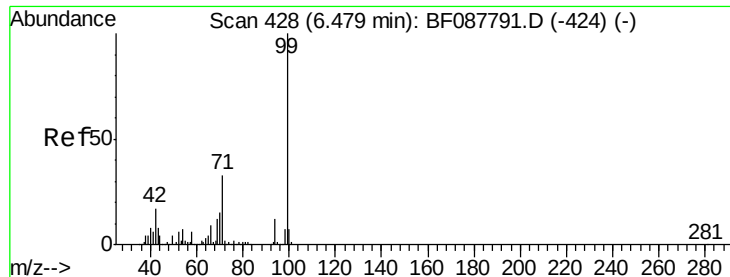


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 71.78 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SS-3

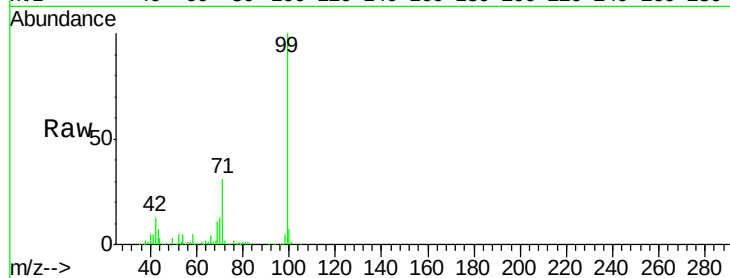
Tot Ion: 99 Resp: 411707

Ion Ratio Lower Upper

99 100

42 13.1 12.2 18.2

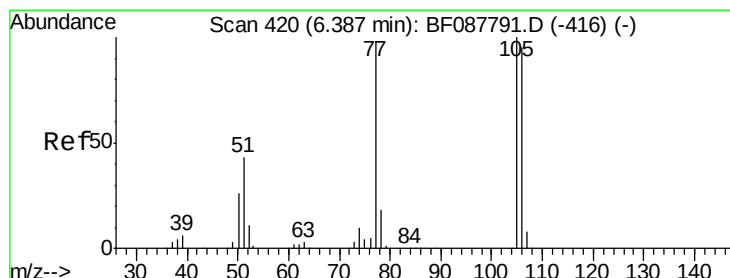
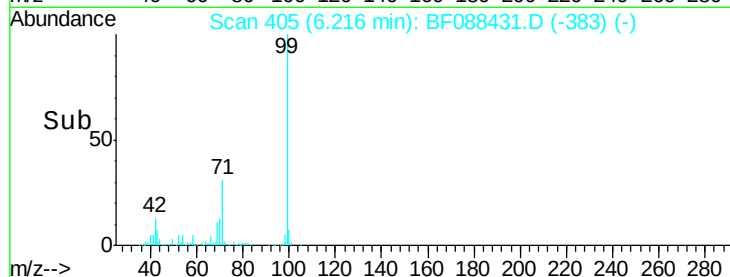
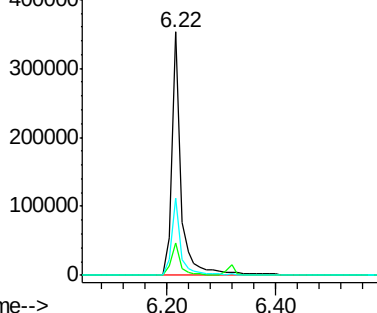
71 31.5 23.4 35.0



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



#9

Benzaldehyde

Concen: 2.48 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.02 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

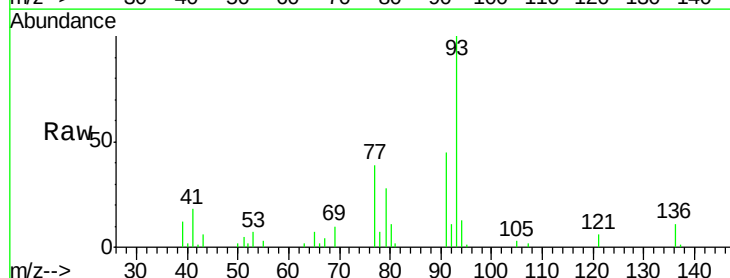
Tgt Ion: 77 Resp: 9649

Ion Ratio Lower Upper

77 100

105 7.7 90.6 130.6#

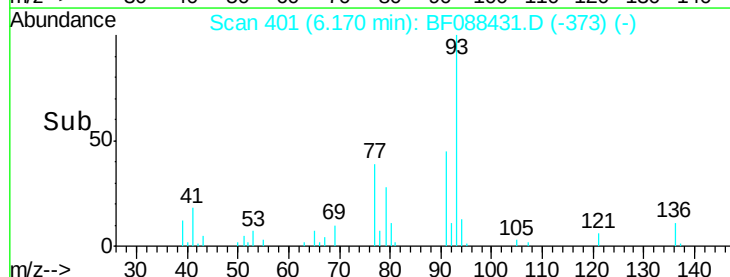
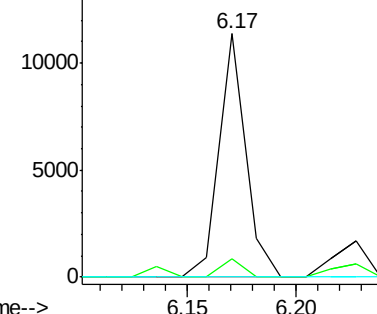
106 0.0 85.3 125.3#

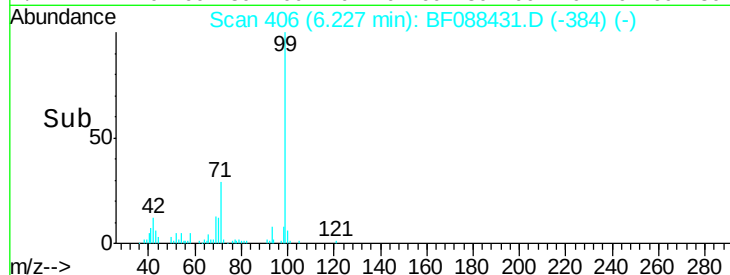
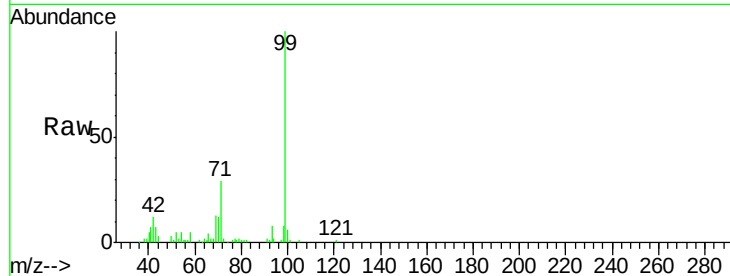
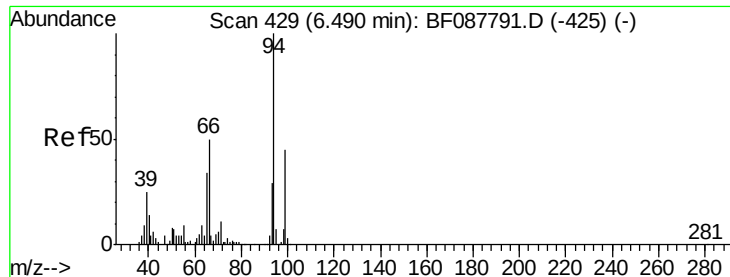


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: Below Cal

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SS-3

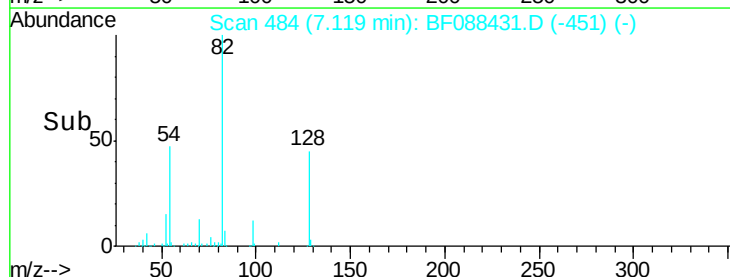
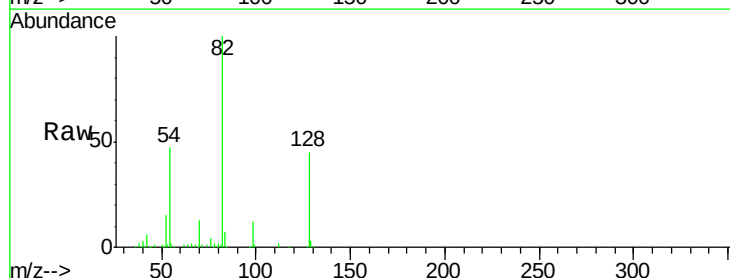
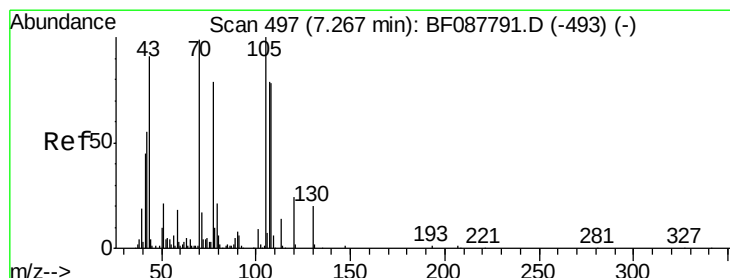
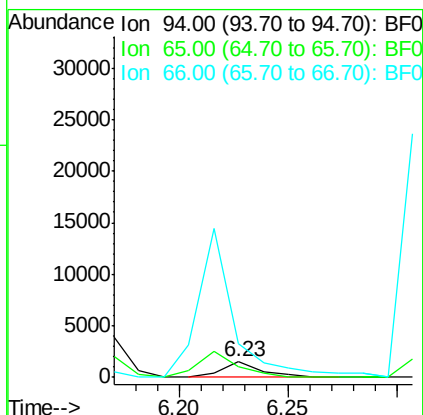
Tot Ion: 94 Resp: 1884

Ion Ratio Lower Upper

94 100

65 71.9 5.9 45.9#

66 213.3 14.0 54.0#



#19

n-Nitroso-di-n-propylamine

Concen: 7.87 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.08 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

Tgt Ion: 70 Resp: 28869

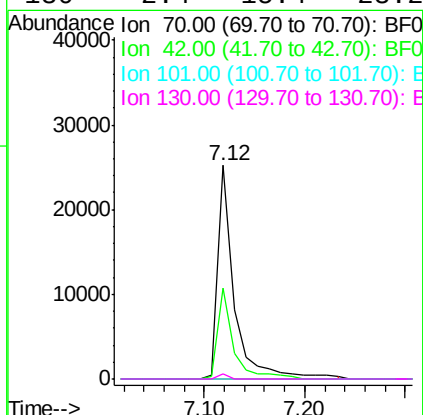
Ion Ratio Lower Upper

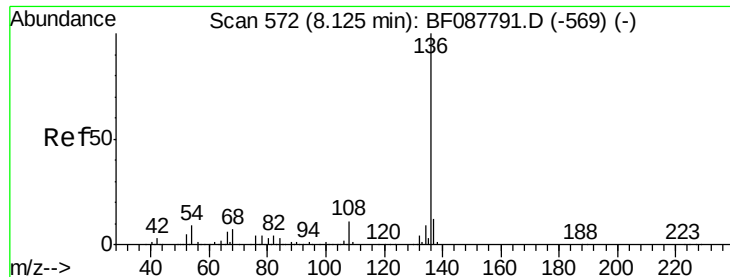
70 100

42 42.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 15.4 23.2#

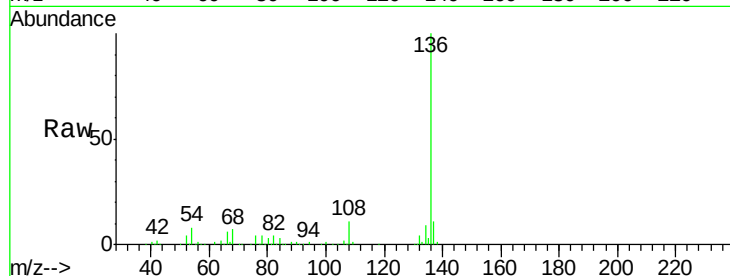




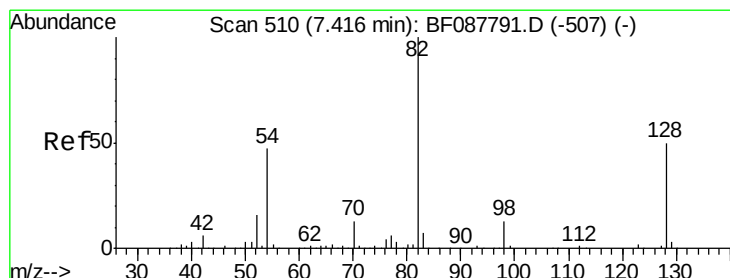
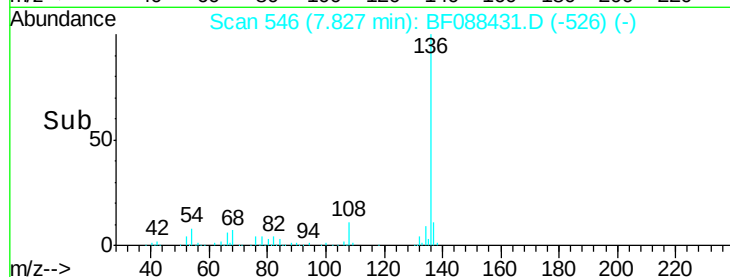
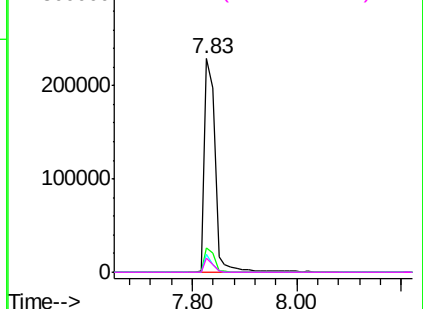
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.07 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SS-3

Tot Ion:	136	Resp:	330067
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.2	6.6	10.0
68	6.8	5.1	7.7

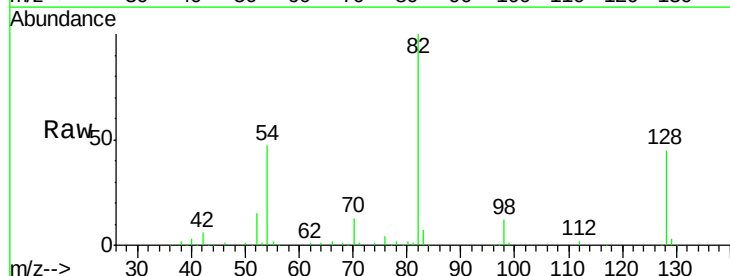


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

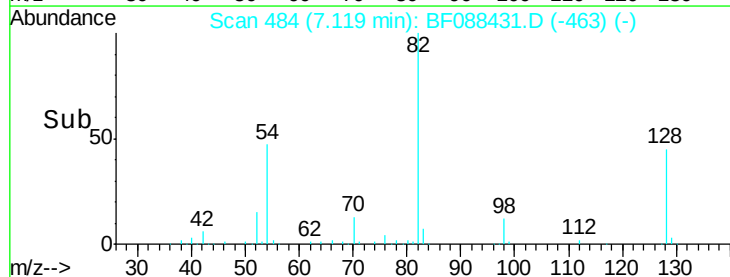
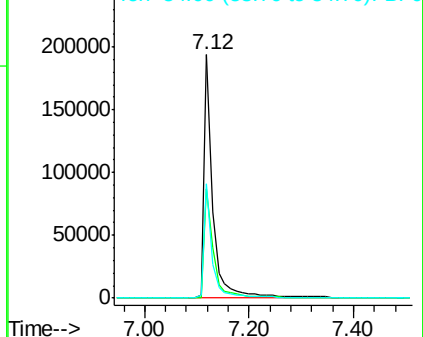


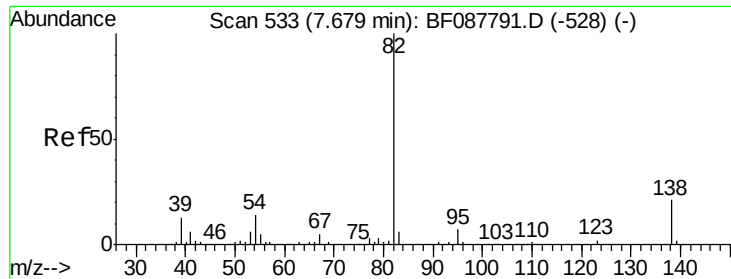
#23
Nitrobenzene-d5
Concen: 41.27 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

Tgt Ion:	82	Resp:	233287
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.9	53.9
54	47.2	40.9	61.3



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





#25

Isophorone

Concen: 22.72 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.32 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SS-3

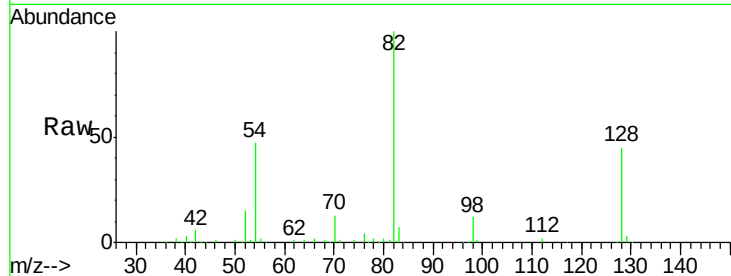
Tot Ion: 82 Resp: 237824

Ion Ratio Lower Upper

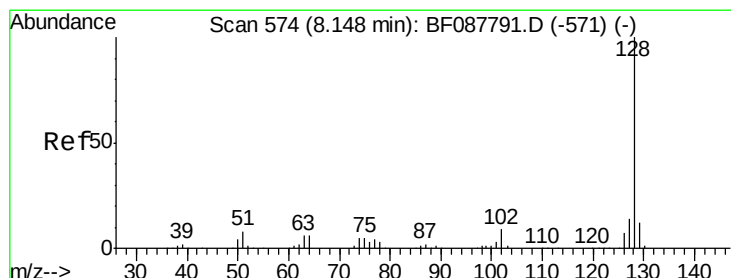
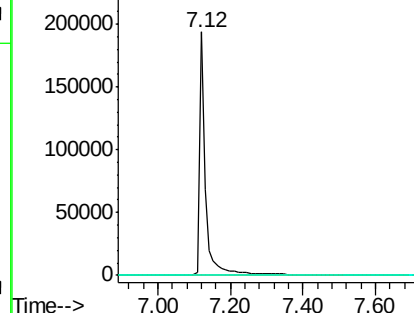
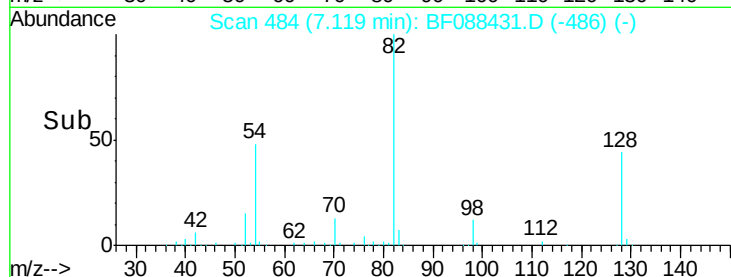
82 100

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: 3.50 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.07 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

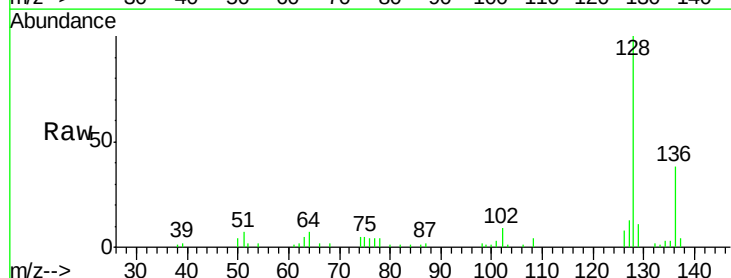
Tgt Ion: 128 Resp: 57228

Ion Ratio Lower Upper

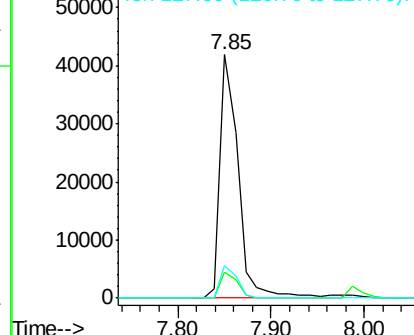
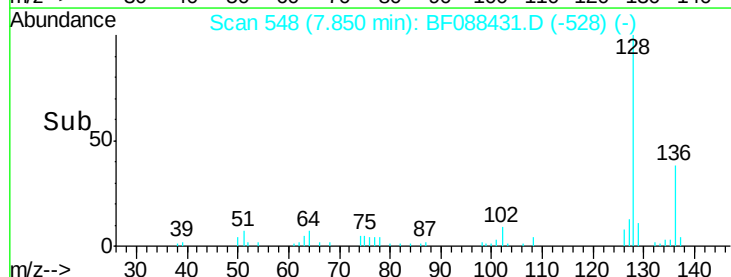
128 100

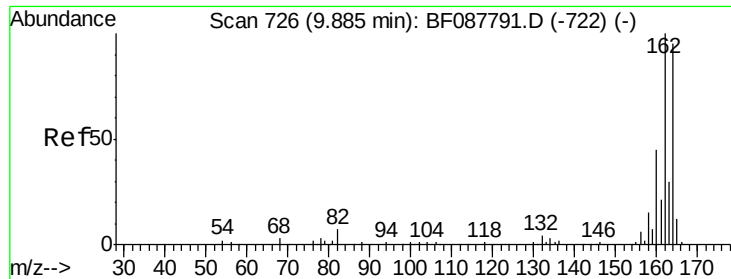
129 10.9 9.4 14.2

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

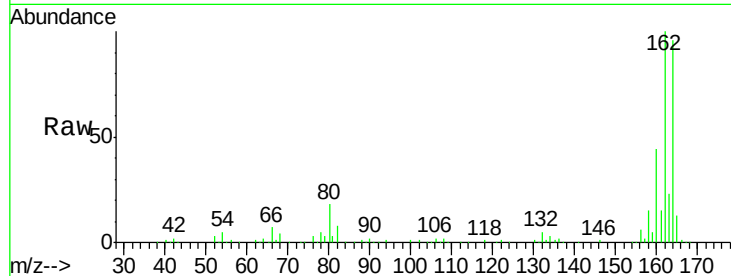




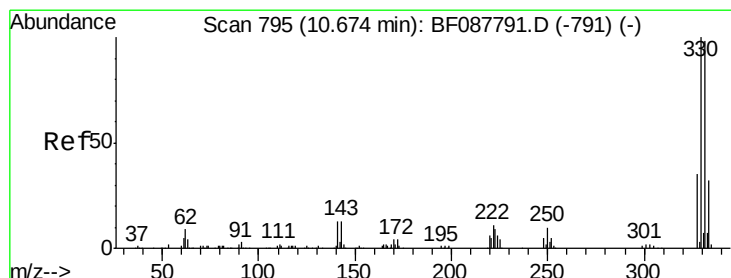
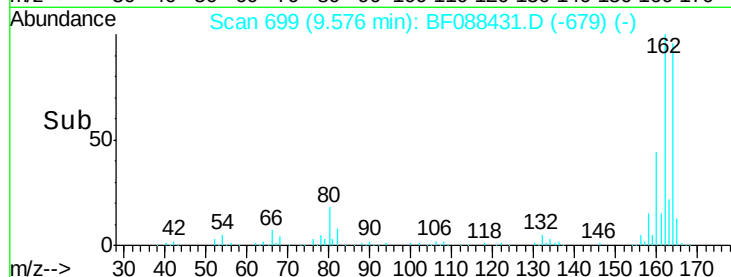
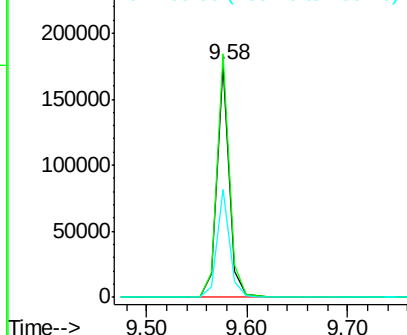
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

Instrument :
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SS-3

Tot Ion:164 Resp: 149861
Ion Ratio Lower Upper
164 100
162 104.7 85.4 128.2
160 46.5 39.5 59.3

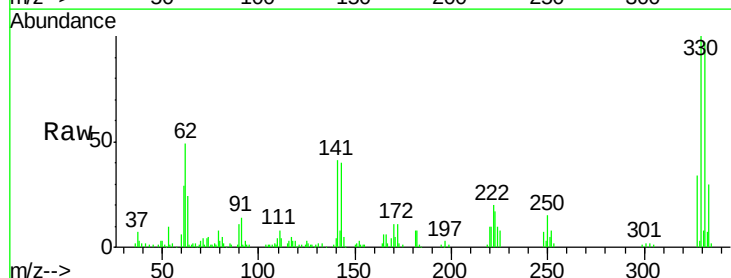


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

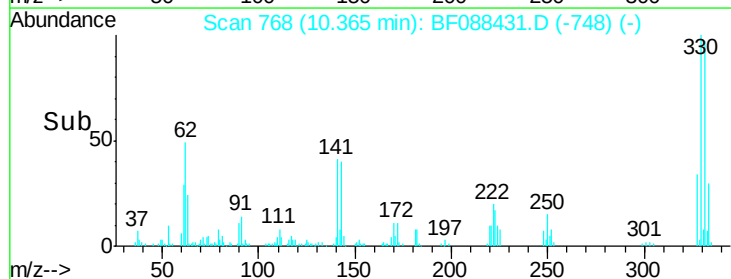
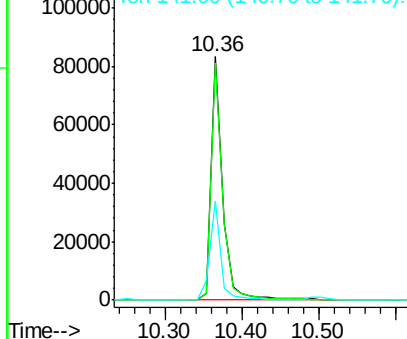


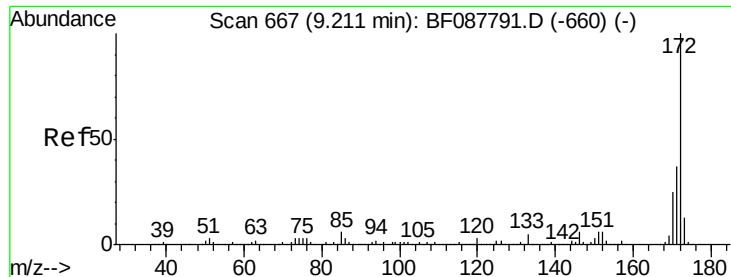
#41
2,4,6-Tribromophenol
Concen: 54.13 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.07 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

Tgt Ion:330 Resp: 85647
Ion Ratio Lower Upper
330 100
332 97.2 0.0 0.0#
141 39.3 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

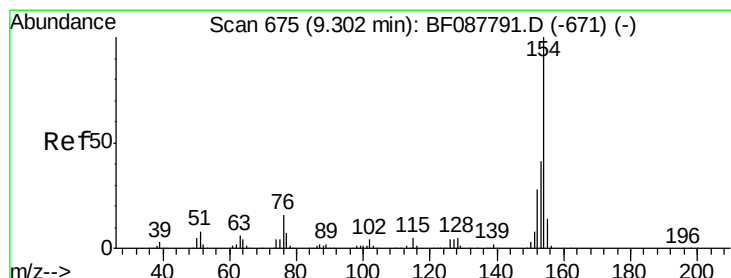
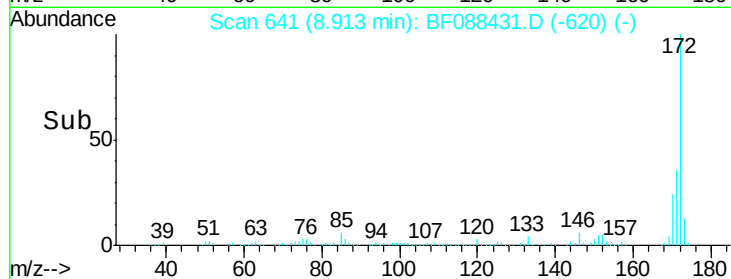
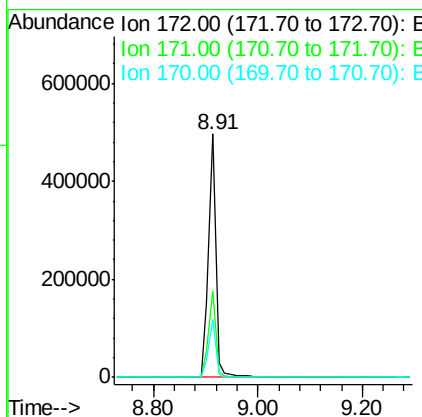
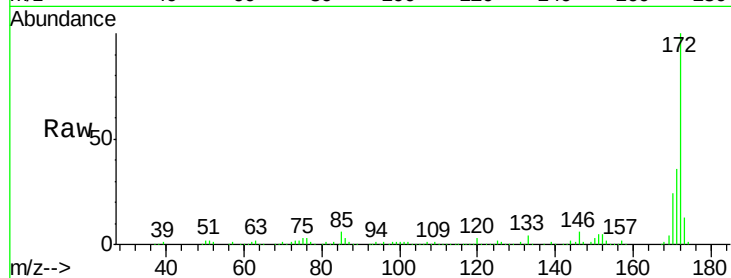




#44
2-Fluorobiphenyl
Concen: 49.37 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

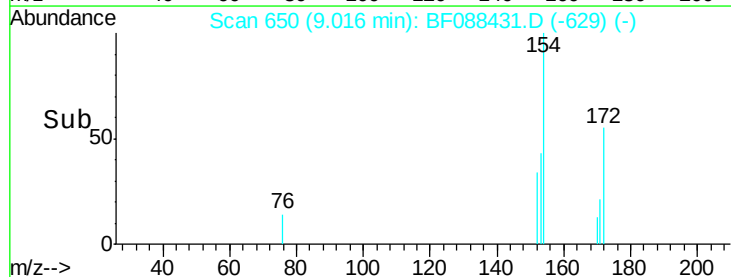
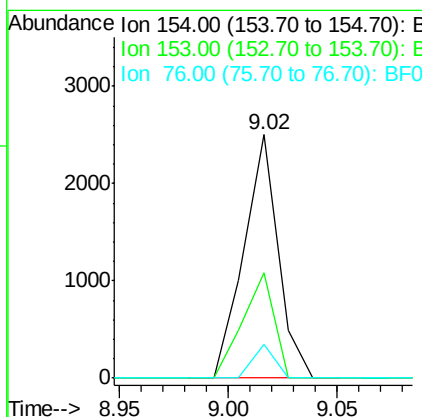
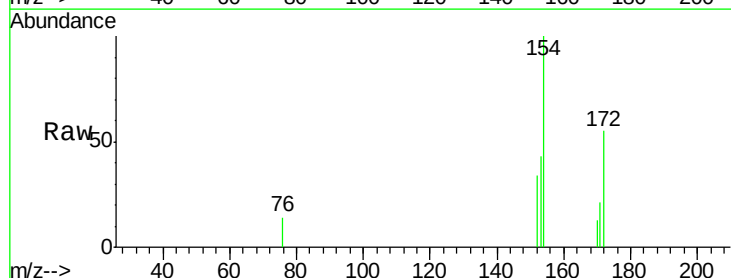
Instrument :
BNA_F
ClientSampleId :
SS-3

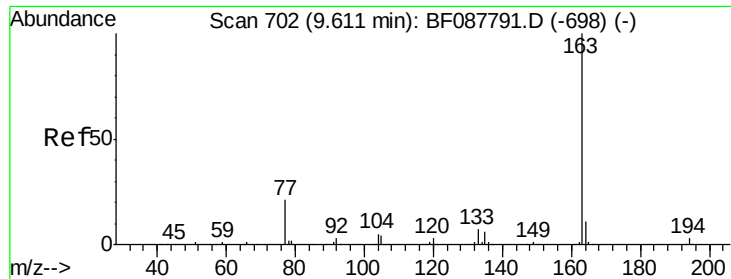
Tot Ion:172 Resp: 493090
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.6 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

Tgt Ion:154 Resp: 2747
Ion Ratio Lower Upper
154 100
153 43.3 20.6 60.6
76 13.7 0.0 35.1





#49

Dimethylphthalate

Concen: 10.31 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.07 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SS-3

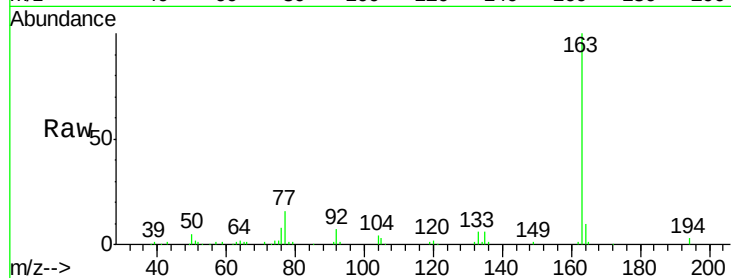
Tot Ion:163 Resp: 111933

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

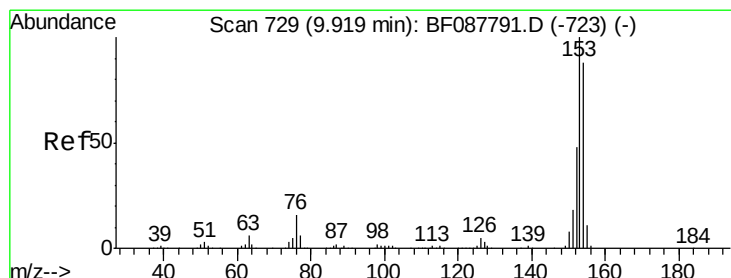
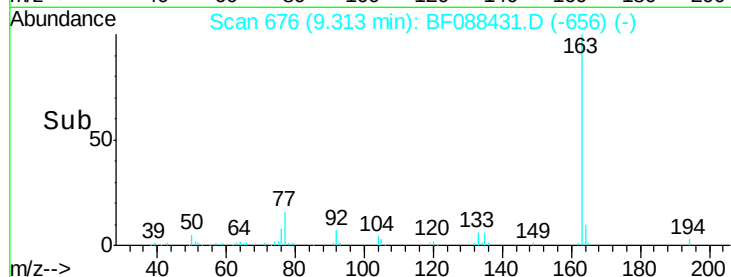
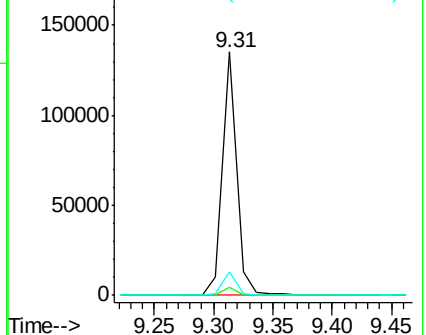
164 9.8 8.3 12.5



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: 6.29 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.07 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

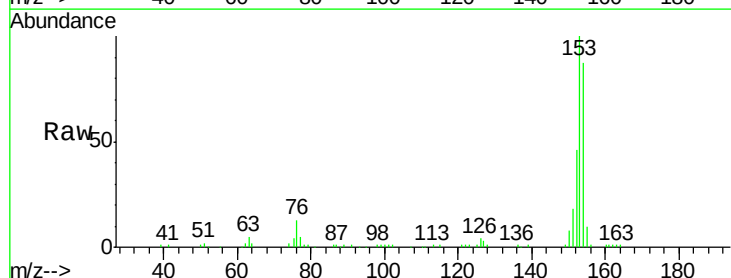
Tgt Ion:154 Resp: 60523

Ion Ratio Lower Upper

154 100

153 114.4 89.5 134.3

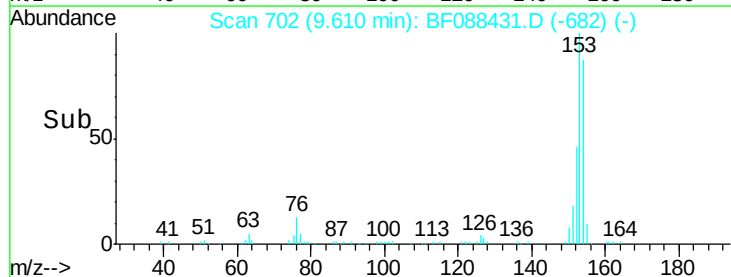
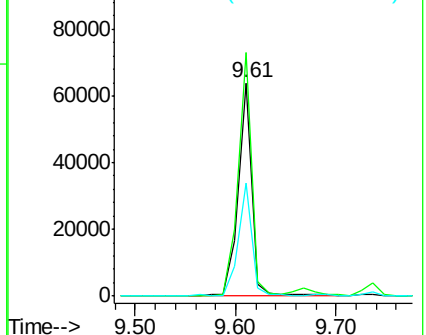
152 52.9 42.7 64.1

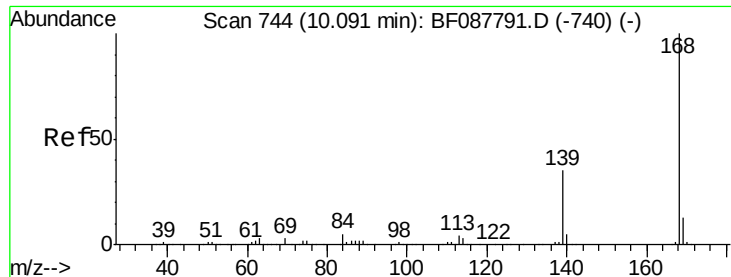


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

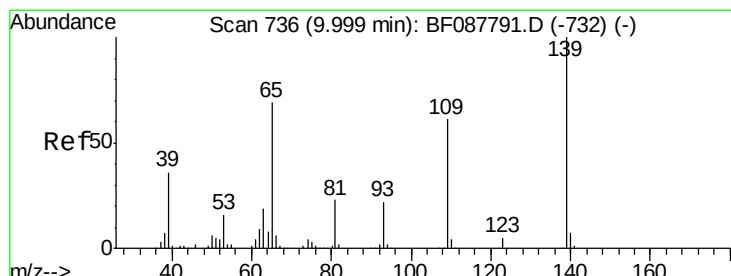
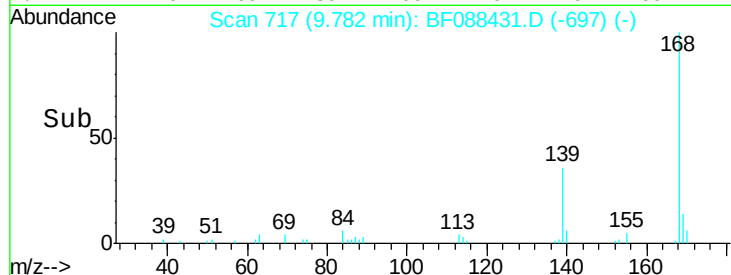
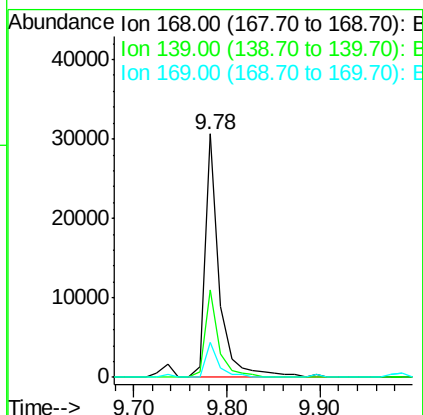
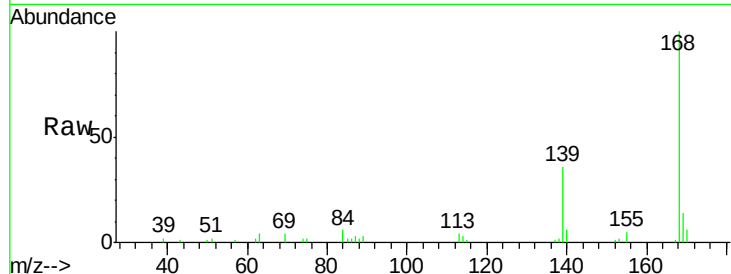




#54
Dibenzofuran
Concen: 2.45 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.07 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

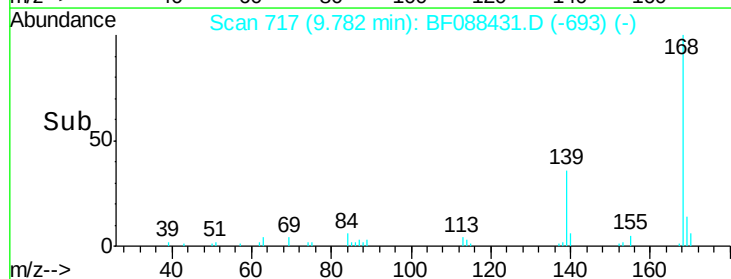
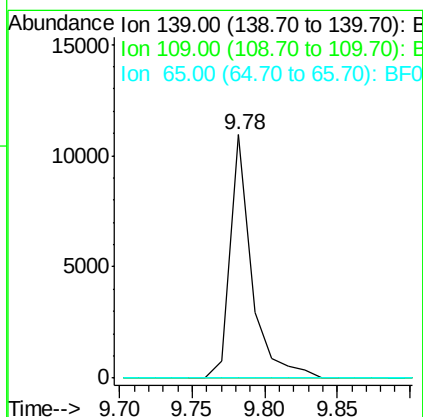
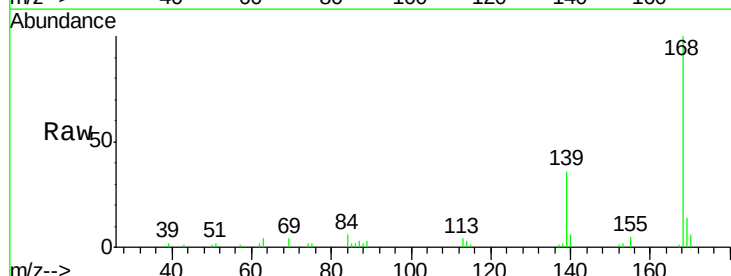
Instrument :
BNA_F
ClientSampleId :
SS-3

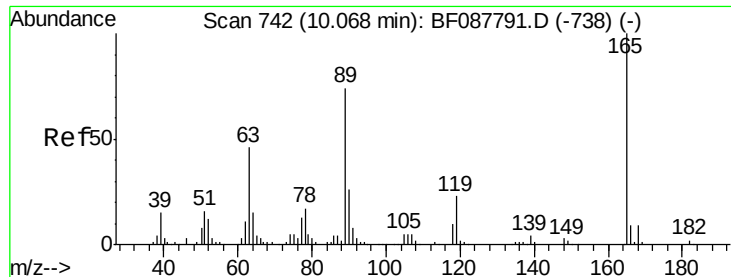
Tot Ion:168 Resp: 32460
Ion Ratio Lower Upper
168 100
139 35.7 26.4 39.6
169 14.5 10.4 15.6



#55
4-Nitrophenol
Concen: 5.06 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

Tgt Ion:139 Resp: 11274
Ion Ratio Lower Upper
139 100
109 0.0 48.9 88.9#
65 0.0 84.9 124.9#

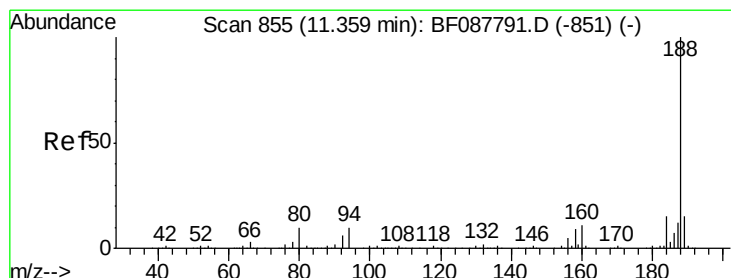
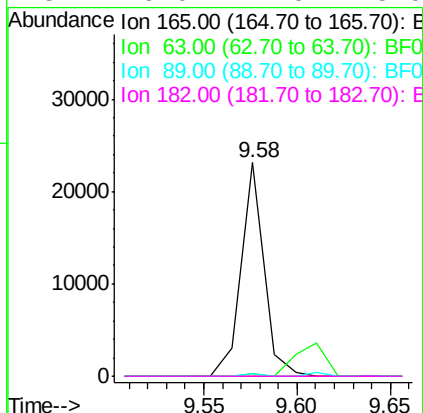
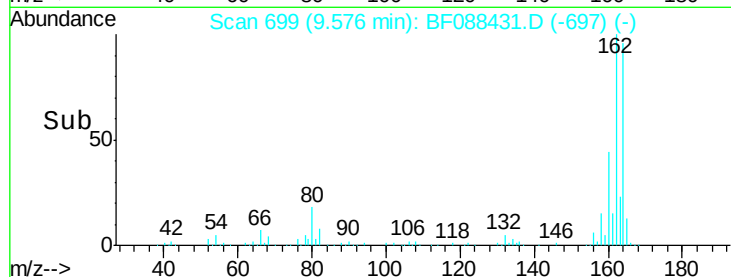
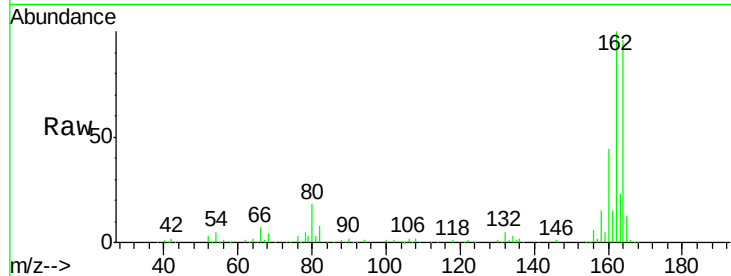




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.27 min
 Lab File: BF088431.D
 Acq: 26 Jun 2016 21:22

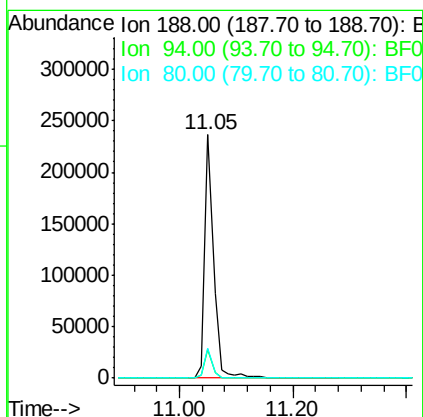
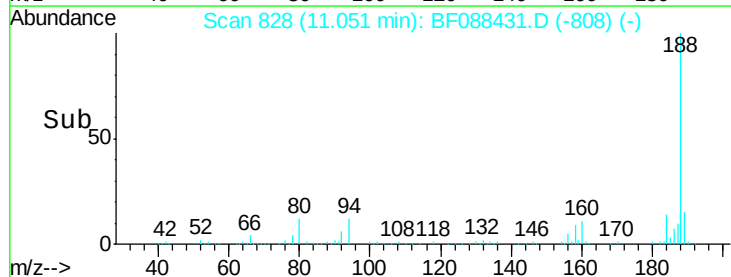
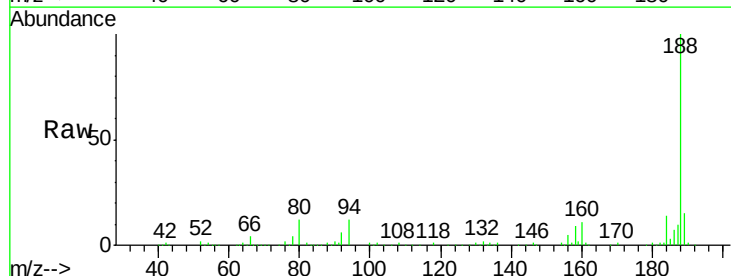
Instrument :
 BNA_F
 ClientSampleId :
 SS-3

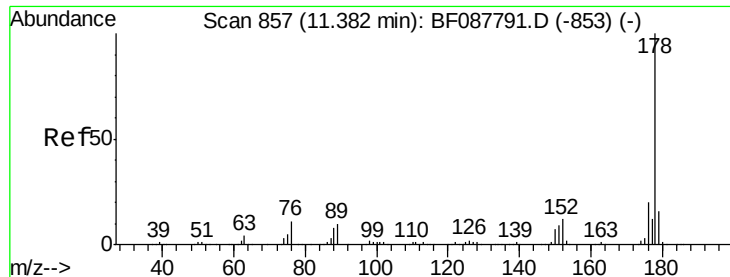
Tot Ion:165	Resp:	19830
Ion Ratio	Lower	Upper
165	100	
63	1.4	22.0 33.0#
89	1.5	41.1 61.7#
182	0.0	2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.07 min
 Lab File: BF088431.D
 Acq: 26 Jun 2016 21:22

Tgt Ion:188	Resp:	245240
Ion Ratio	Lower	Upper
188	100	
94	11.5	9.0 13.6
80	12.0	10.0 15.0





#70

Phenanthrene

Concen: 34.50 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.07 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SS-3

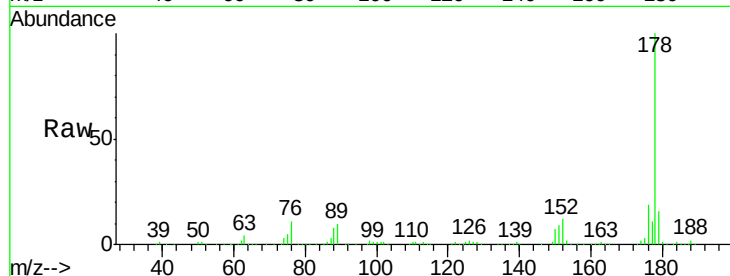
Tot Ion:178 Resp: 443992

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

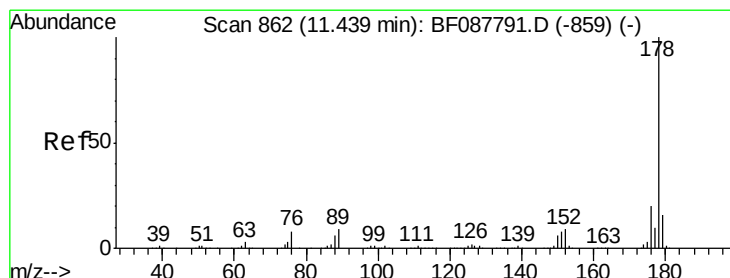
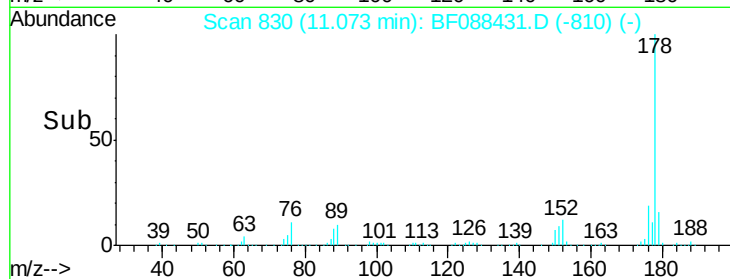
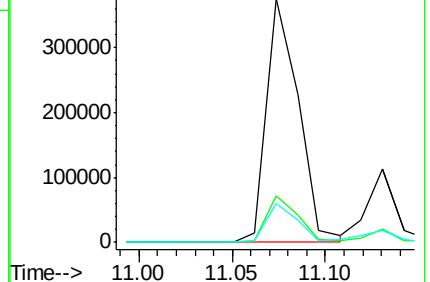
179 15.8 13.0 19.4



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: 10.15 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.07 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

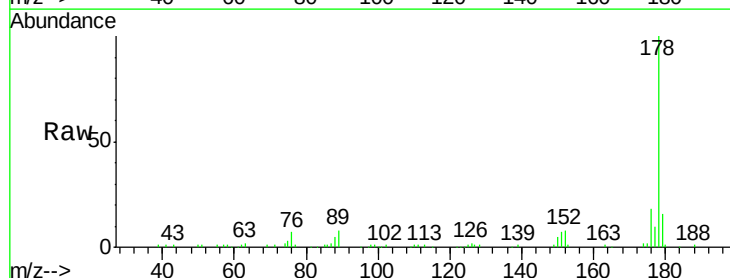
Tgt Ion:178 Resp: 131711

Ion Ratio Lower Upper

178 100

176 17.8 15.6 23.4

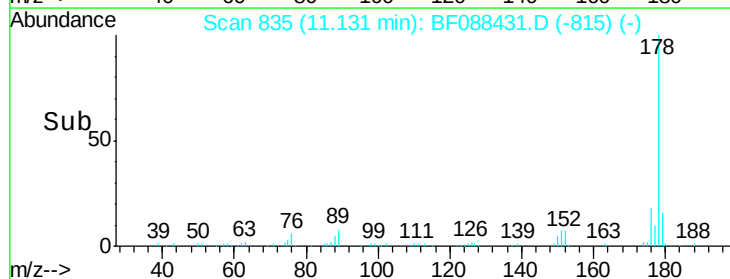
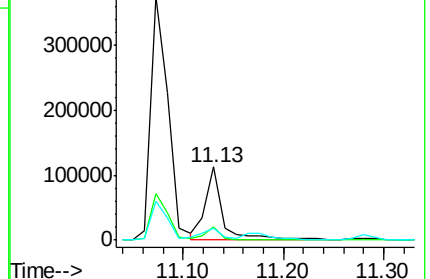
179 15.9 12.8 19.2

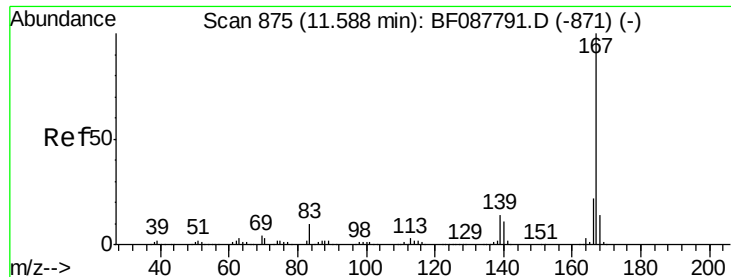


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.72 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.07 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SS-3

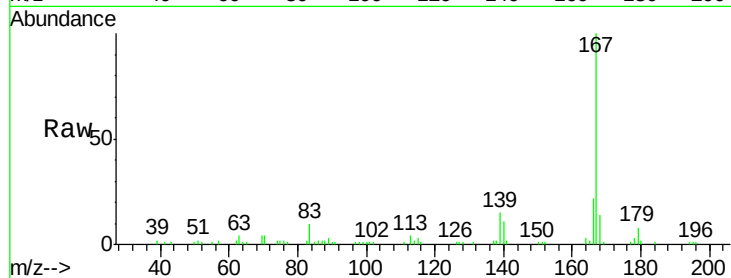
Tot Ion:167 Resp: 81609

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

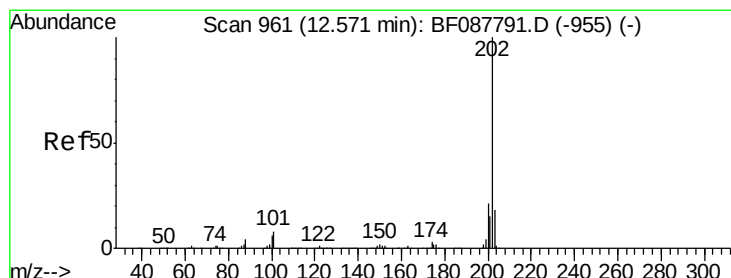
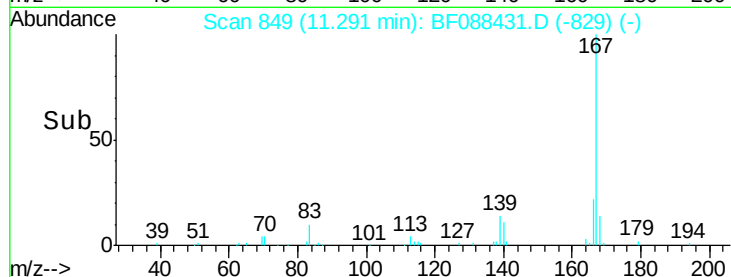
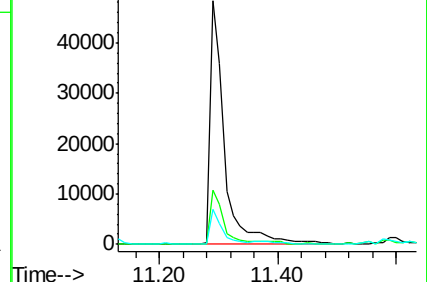
139 14.5 11.2 16.8



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: 51.12 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

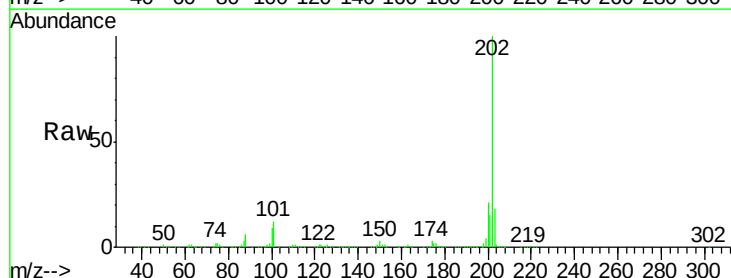
Tgt Ion:202 Resp: 694244

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.1

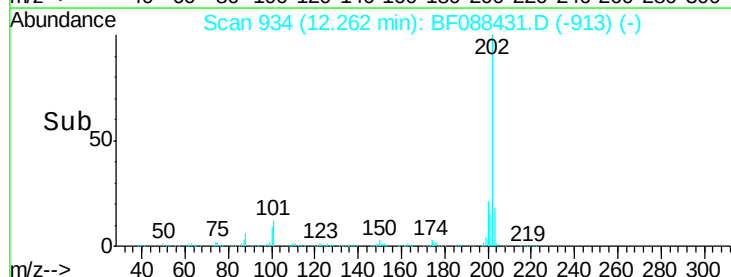
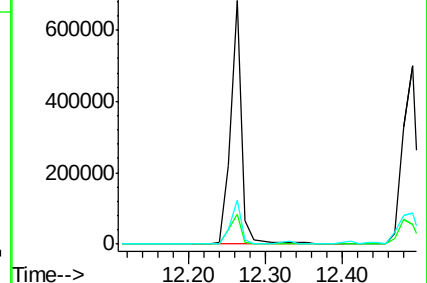
203 17.8 0.0 38.1

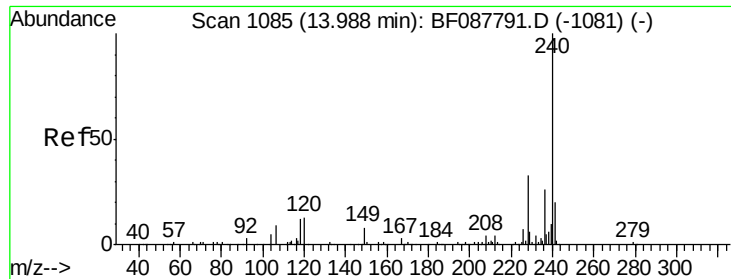


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF088431.D

Acq: 26 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SS-3

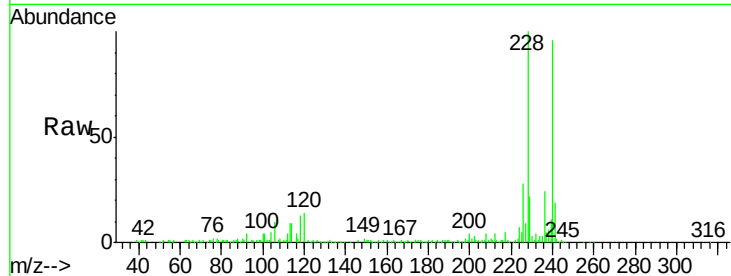
Tot Ion:240 Resp: 162173

Ion Ratio Lower Upper

240 100

120 14.3 6.8 10.2#

236 25.4 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

200000

150000

100000

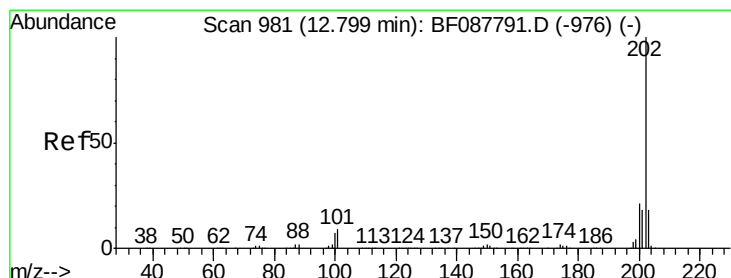
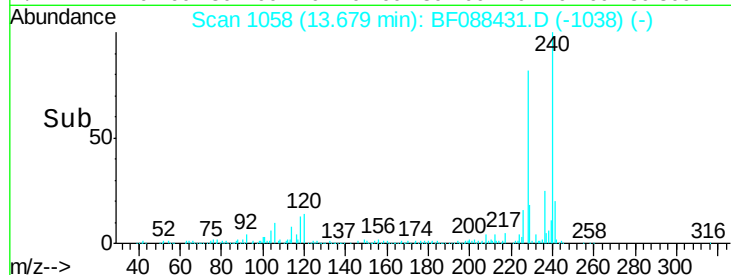
50000

0

13.68

13.60 13.70 13.80

Time-->



#77

Pyrene

Concen: 51.77 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.06 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

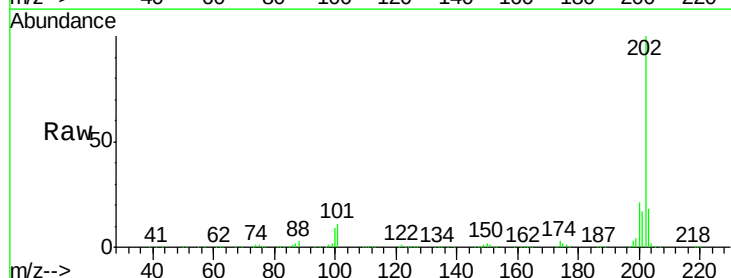
Tgt Ion:202 Resp: 622983

Ion Ratio Lower Upper

202 100

200 21.2 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

600000

400000

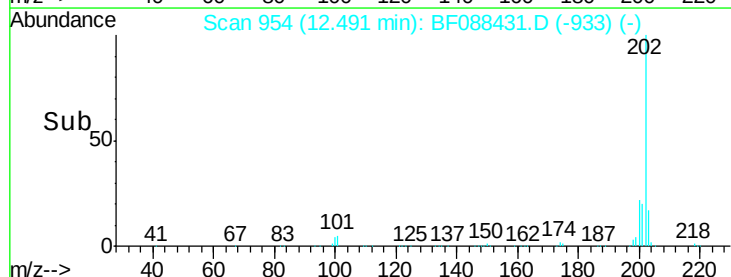
200000

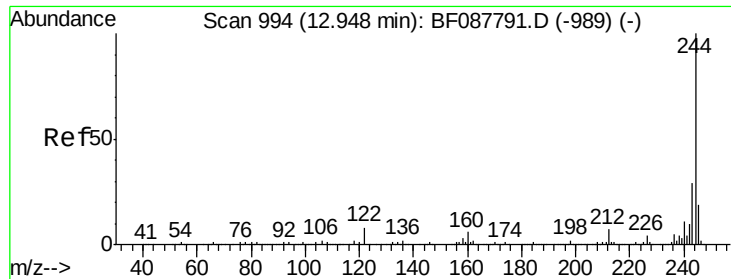
0

12.49

12.30 12.40 12.50 12.60

Time-->

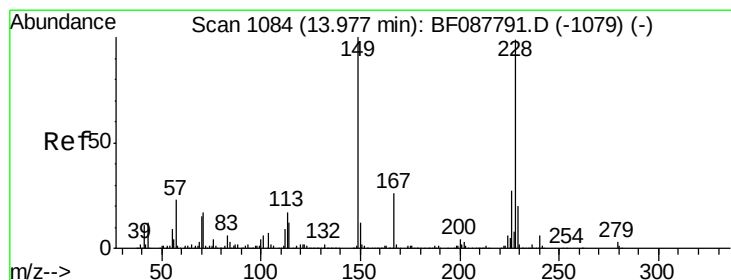
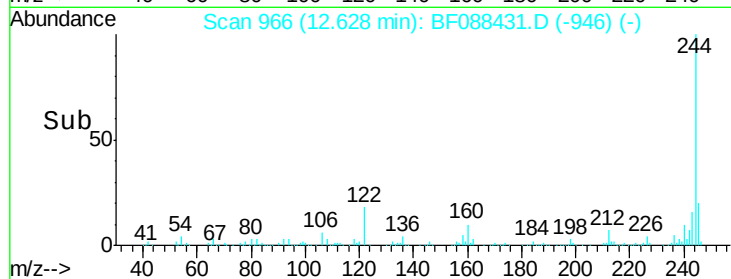
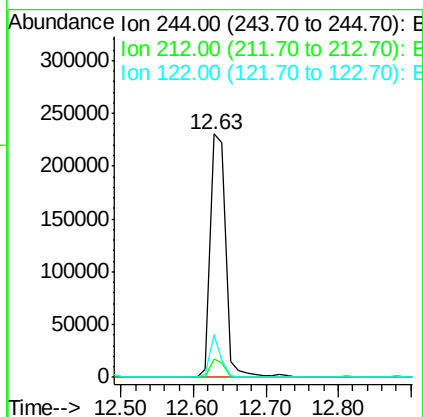
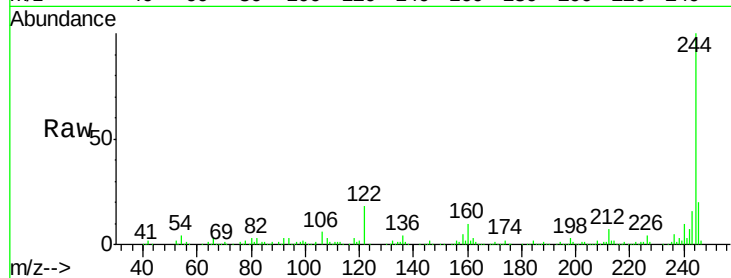




#78
 Terphenyl-d14
 Concen: 48.15 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.07 min
 Lab File: BF088431.D
 Acq: 26 Jun 2016 21:22

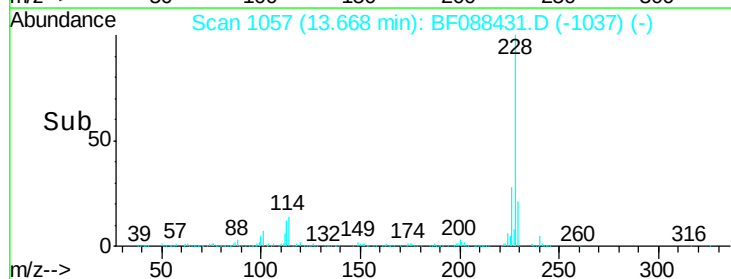
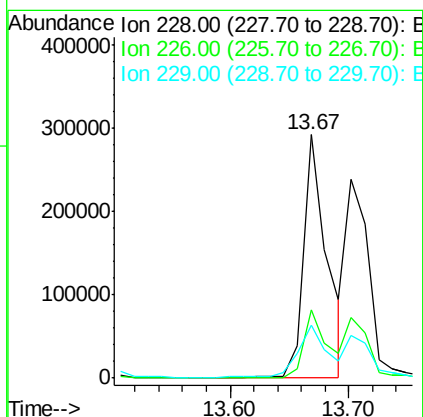
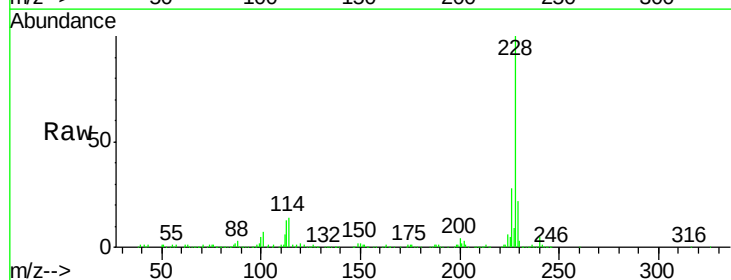
Instrument :
 BNA_F
 ClientSampleId :
 SS-3

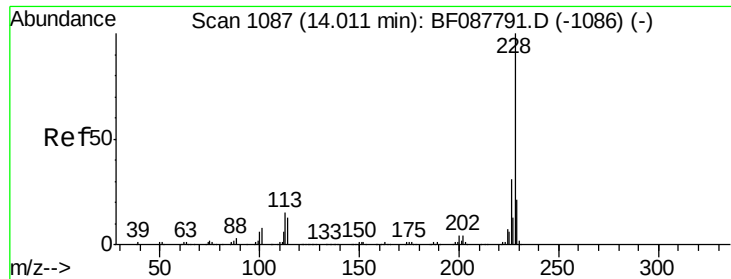
Tot Ion:244 Resp: 343121
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 17.6 11.2 16.8#



#80
 Benzo(a)anthracene
 Concen: 43.22 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.07 min
 Lab File: BF088431.D
 Acq: 26 Jun 2016 21:22

Tgt Ion:228 Resp: 399403
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.3 33.5
 229 21.7 16.0 24.0





#82

Chrysene

Concen: 36.16 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.07 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SS-3

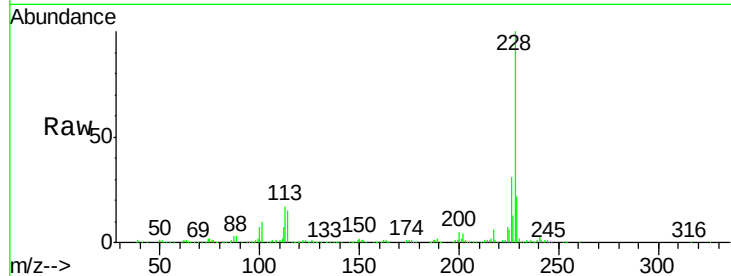
Tot Ion:228 Resp: 314432

Ion Ratio Lower Upper

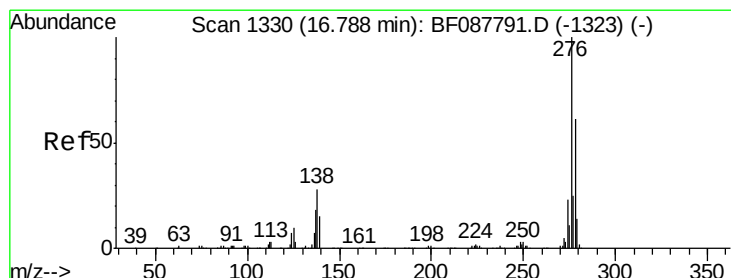
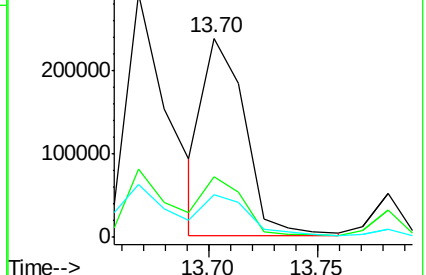
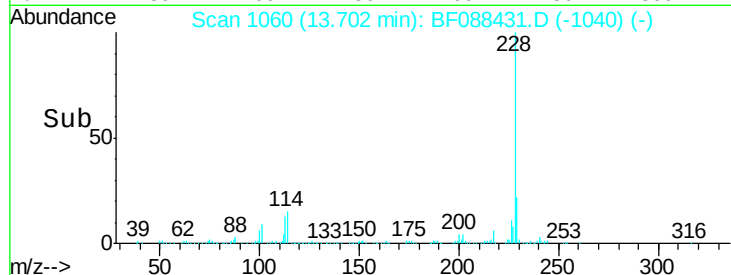
228 100

226 30.6 25.4 38.2

229 21.7 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: 29.97 ng

RT: 16.26 min Scan# 1284

Delta R.T. -0.10 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

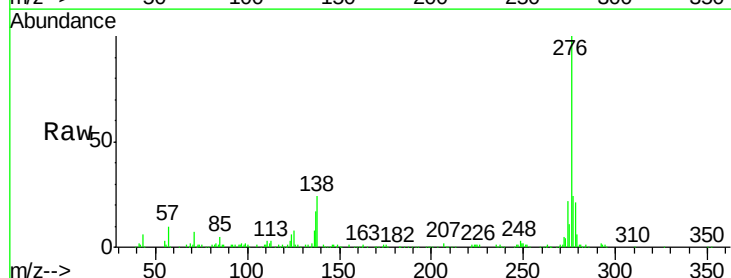
Tgt Ion:276 Resp: 242107

Ion Ratio Lower Upper

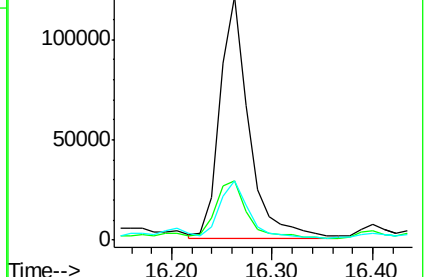
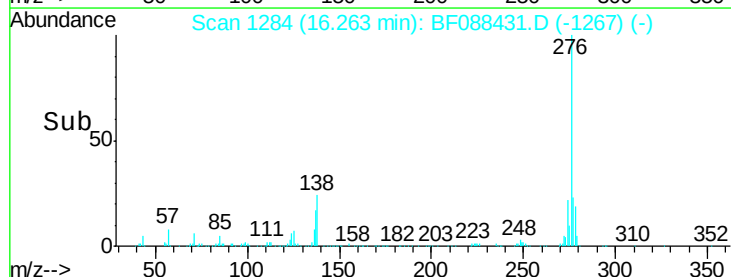
276 100

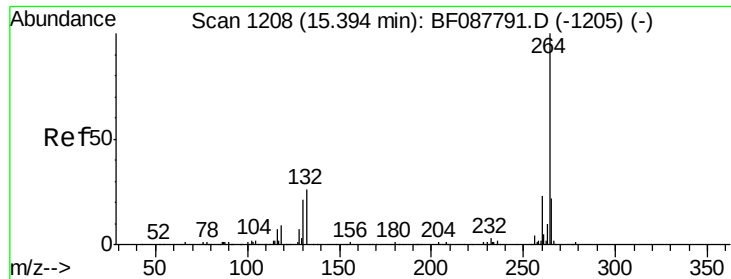
138 26.9 0.0 0.0#

277 23.5 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

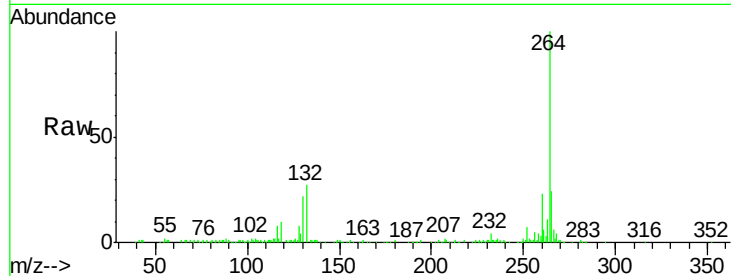




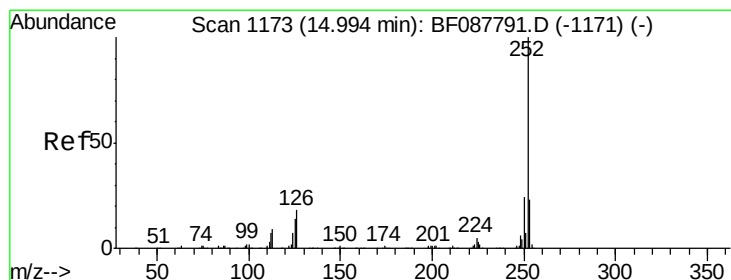
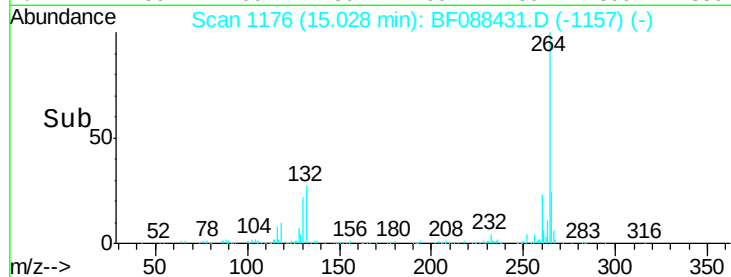
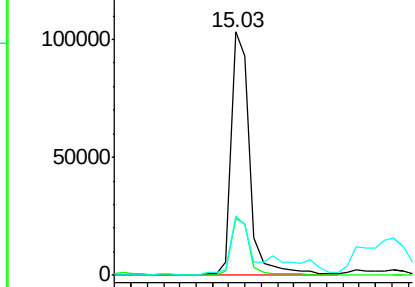
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

Instrument :
BNA_F
ClientSampled :
SS-3

Tot Ion:264 Resp: 163995
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 24.3 16.9 25.3

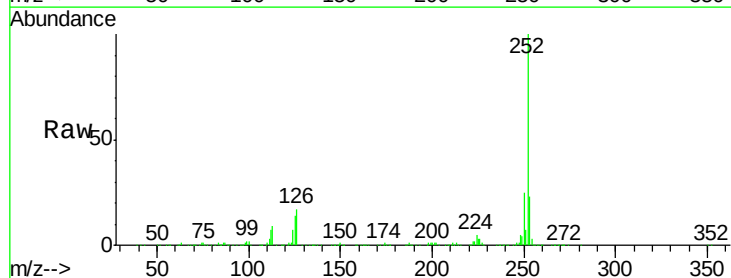


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

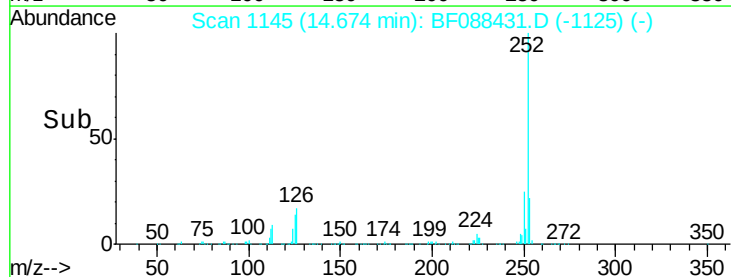
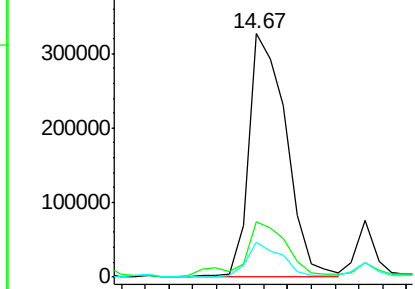


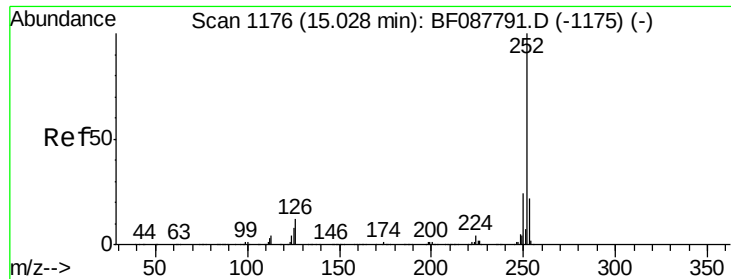
#87
Benzo(b)fluoranthene
Concen: 62.18 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

Tgt Ion:252 Resp: 710790
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 14.5 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

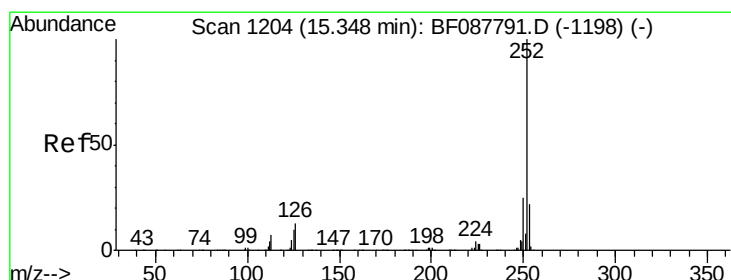
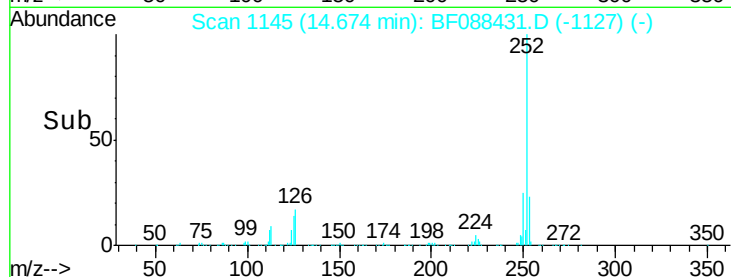
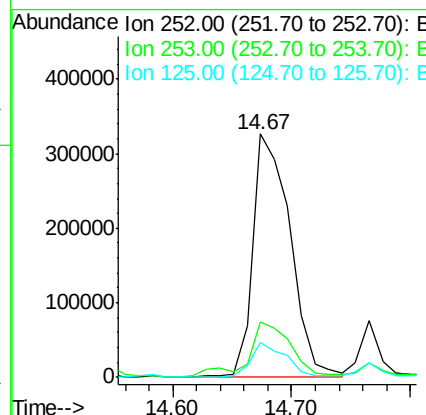
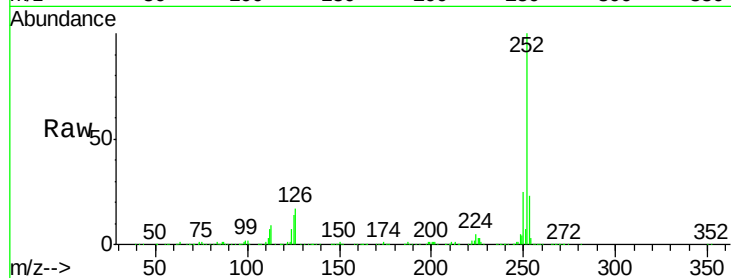




#88
Benzo(k)fluoranthene
Concen: 82.44 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

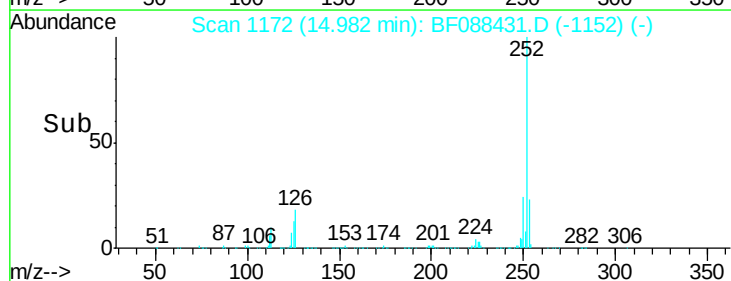
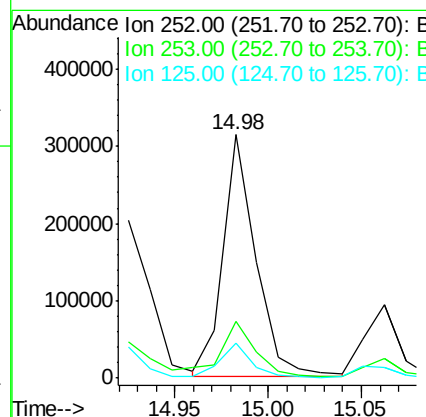
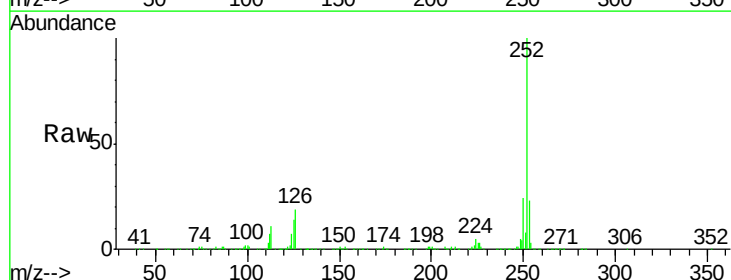
Instrument :
BNA_F
ClientSampleId :
SS-3

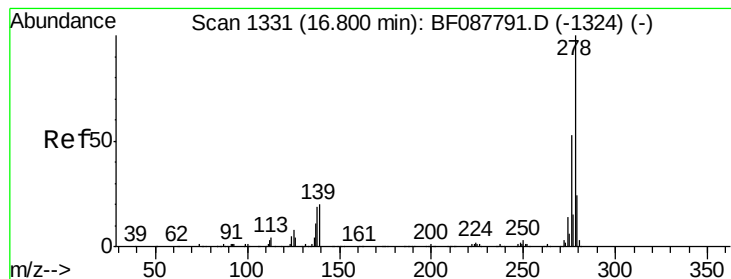
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	14.5	11.2	16.8



#89
Benzo(a)pyrene
Concen: 42.05 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088431.D
Acq: 26 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	14.3	12.5	18.7





#90

Dibenzo(a,h)anthracene

Concen: 5.08 ng

RT: 16.40 min Scan# 1296

Delta R.T. 0.03 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SS-3

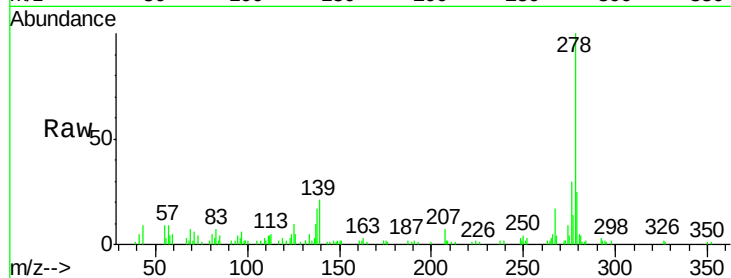
Tot Ion:278 Resp: 43609

Ion Ratio Lower Upper

278 100

139 20.5 15.7 23.5

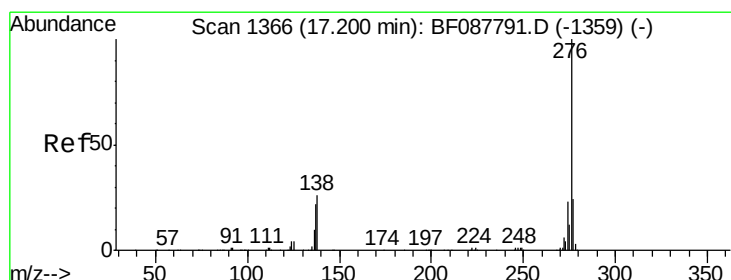
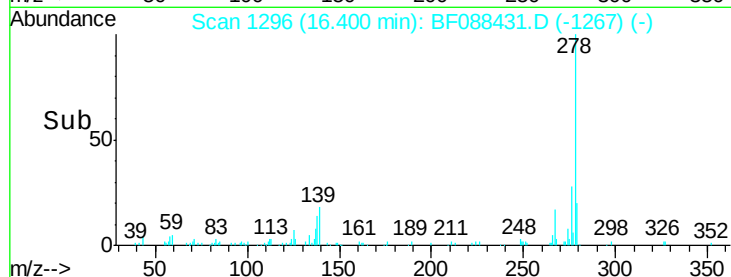
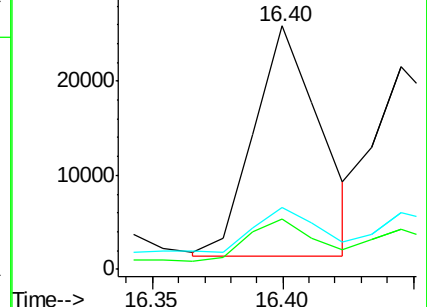
279 25.5 19.4 29.2



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: 26.37 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF088431.D

Acq: 26 Jun 2016 21:22

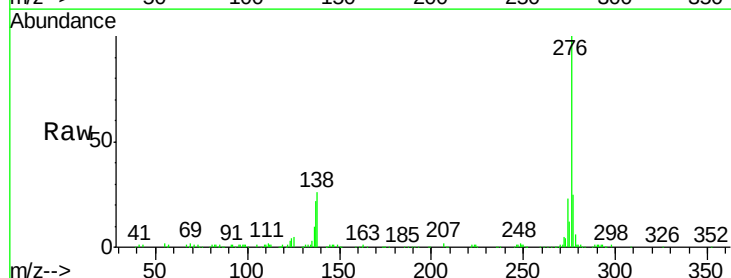
Tgt Ion:276 Resp: 232999

Ion Ratio Lower Upper

276 100

277 25.0 18.9 28.3

138 25.9 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

