

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062816\
 Data File : BF088487.D
 Acq On : 28 Jun 2016 19:09
 Operator : UM/SJ
 Sample : H3663-06RE 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-4RE

Quant Time: Jun 29 01:28:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 05:25:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	115406	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	494400	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	221340	20.00	ng	-0.03
63) Phenanthrene-d10	11.04	188	366448	20.00	ng	-0.02
75) Chrysene-d12	13.67	240	218757	20.00	ng	-0.02
86) Perylene-d12	15.02	264	211525	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	138011	20.44	ng	-0.02
7) Phenol-d6	6.19	99	194124	23.73	ng	-0.03
23) Nitrobenzene-d5	7.10	82	122675	14.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.34	330	39185	16.77	ng	-0.03
44) 2-Fluorobiphenyl	8.89	172	259499	13.78	ng	-0.03
78) Terphenyl-d14	12.62	244	173204	18.02	ng	-0.02

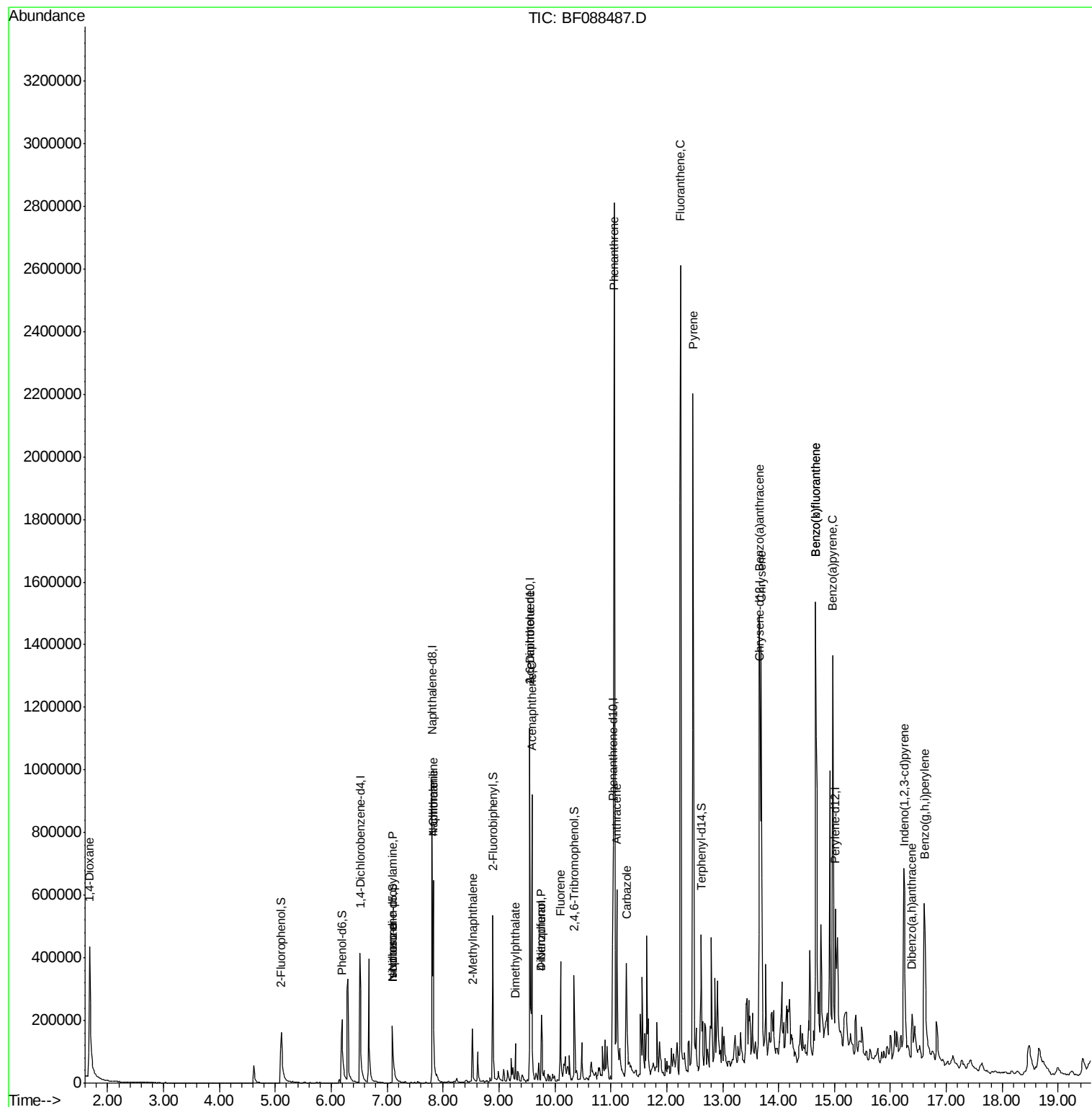
Target Compounds						Qvalue
2) 1,4-Dioxane	1.68	88	28286	8.62	ng	# 87
10) Phenol	6.22	94	1649	Below	Cal	# 1
19) n-Nitroso-di-n-propylamine	7.10	70	14566	2.78	ng	# 69
25) Isophorone	7.10	82	124590	7.94	ng	# 65
31) Naphthalene	7.83	128	352040	14.39	ng	# 98
33) 4-Chloroaniline	7.83	127	44581	4.08	ng	# 34
37) 2-Methylnaphthalene	8.52	142	61368	3.81	ng	# 98
45) 1,1'-Biphenyl	8.99	154	15755	Below	Cal	# 97
49) Dimethylphthalate	9.29	163	48664	3.04	ng	# 100
50) 2,6-Dinitrotoluene	9.55	165	29595	8.06	ng	# 40
51) Acenaphthene	9.59	154	214787	15.11	ng	# 98
54) Dibenzofuran	9.76	168	121641	6.21	ng	# 89
55) 4-Nitrophenol	9.76	139	46904	14.26	ng	# 7
57) Fluorene	10.10	166	130328	5.63	ng	# 98
70) Phenanthrene	11.06	178	1154777	60.05	ng	# 99
71) Anthracene	11.11	178	364978	18.82	ng	# 95
72) Carbazole	11.28	167	216235	11.91	ng	# 98
74) Fluoranthene	12.25	202	1438206	70.87	ng	# 97
77) Pyrene	12.47	202	1173414	72.28	ng	# 98
80) Benzo(a)anthracene	13.66	228	669620	53.72	ng	# 98
82) Chrysene	13.69	228	511607	43.62	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.25	276	424497	38.96	ng	# 100
87) Benzo(b)fluoranthene	14.66	252	1036893	70.33	ng	# 93
88) Benzo(k)fluoranthene	14.66	252	1036893	93.23	ng	# 98
89) Benzo(a)pyrene	14.97	252	586767	49.19	ng	# 97
90) Dibenzo(a,h)anthracene	16.39	278	72209	6.52	ng	# 96
91) Benzo(g,h,i)perylene	16.61	276	414043	36.33	ng	# 97

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

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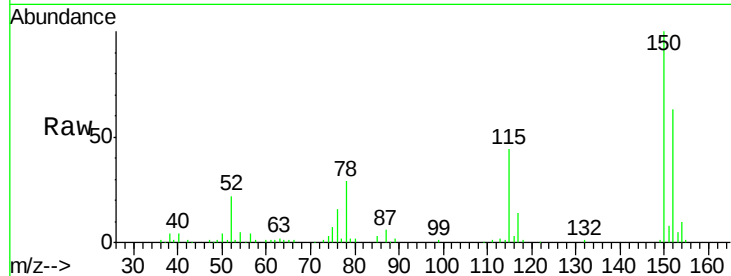




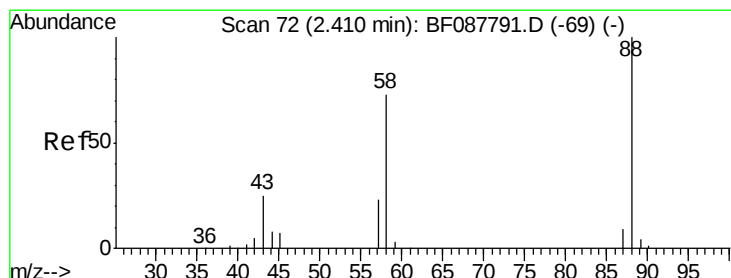
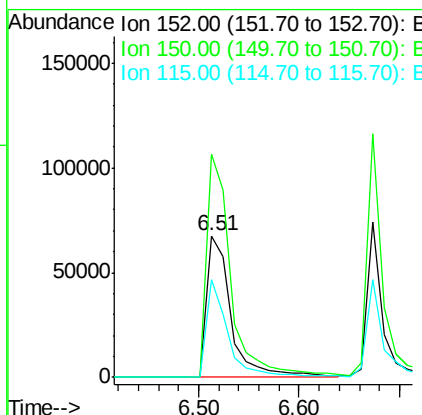
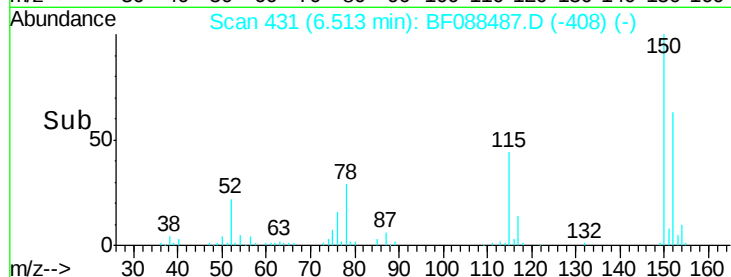
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 431
 Delta R.T. -0.03 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SS-4RE

Tgt Ion:152 Resp: 115406
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.8 185.6
 115 68.9 39.6 59.4#

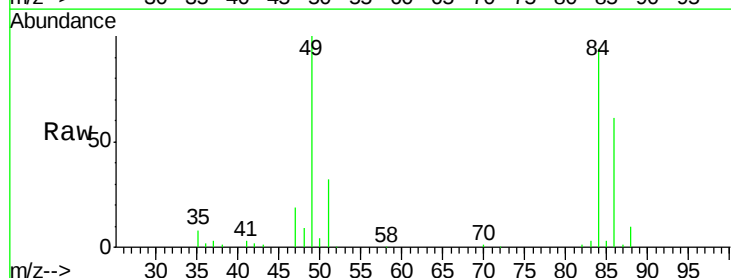


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

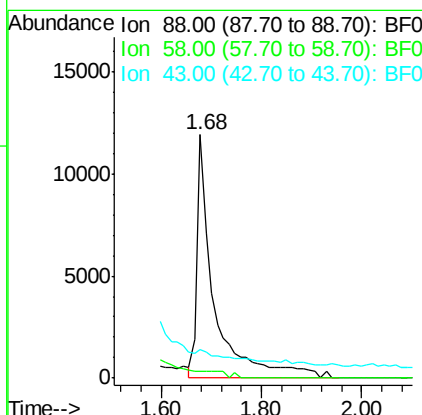
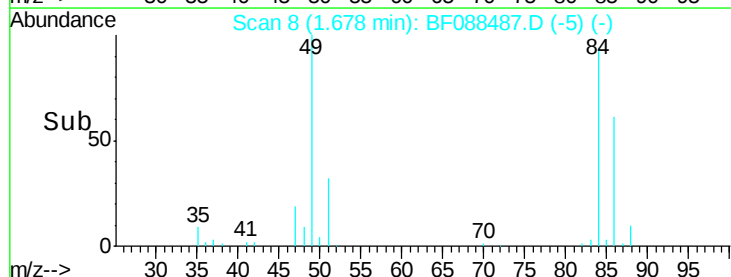


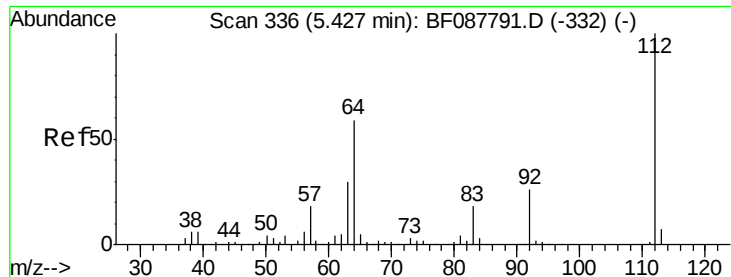
#2
 1,4-Dioxane
 Concen: 8.62 ng
 RT: 1.68 min Scan# 8
 Delta R.T. -0.26 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 19:09

Tgt Ion: 88 Resp: 28286
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 20.44 ng

RT: 5.11 min Scan# 308

Delta R.T. -0.02 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

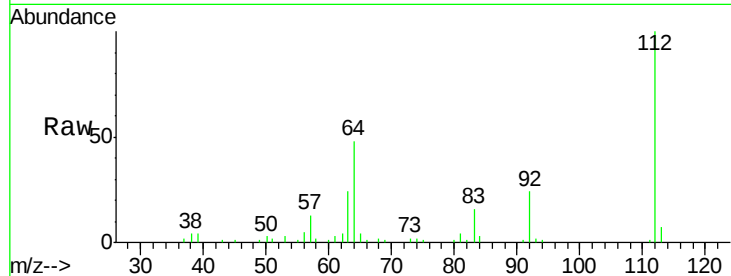
Instrument :

BNA_F

ClientSampleId :

SS-4RE

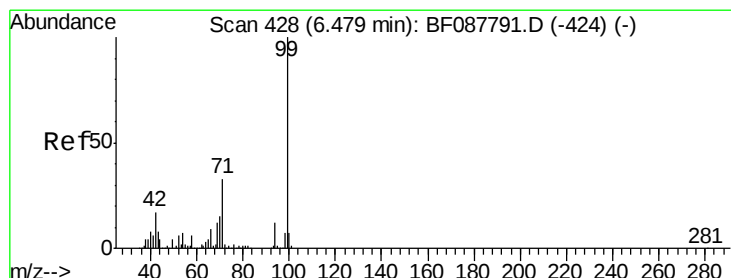
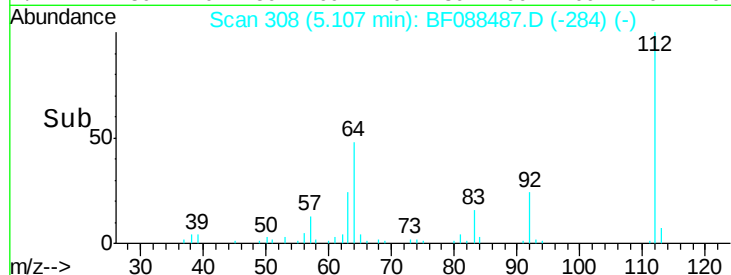
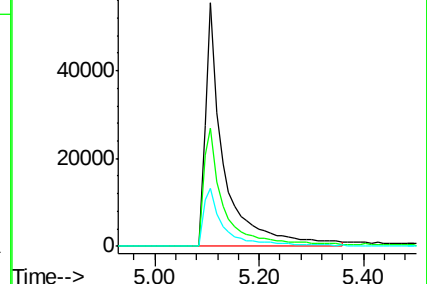
Tgt Ion:	112	Resp:	138011
Ion	Ratio	Lower	Upper
112	100		
64	48.4	42.2	63.2
63	23.8	21.8	32.8



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: 23.73 ng

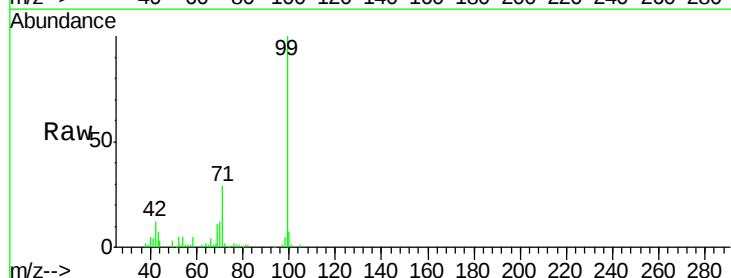
RT: 6.19 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

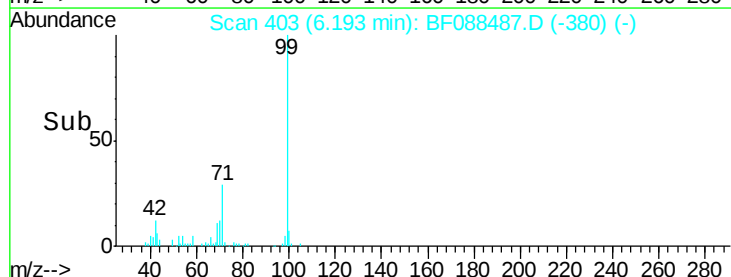
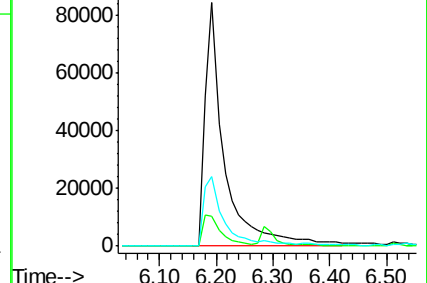
Tgt Ion:	99	Resp:	194124
Ion	Ratio	Lower	Upper
99	100		
42	12.4	12.2	18.2
71	28.6	23.4	35.0

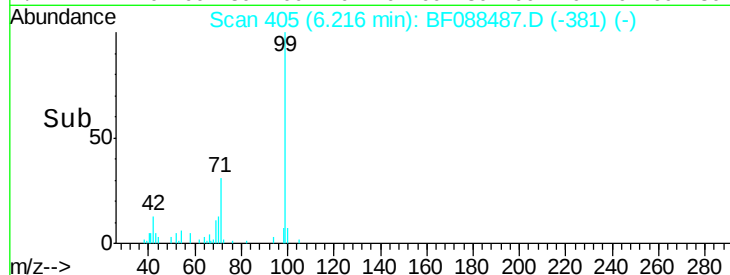
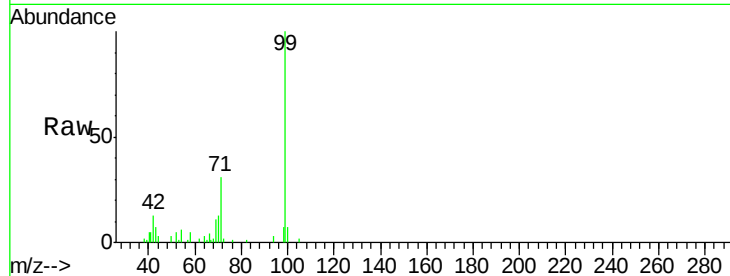
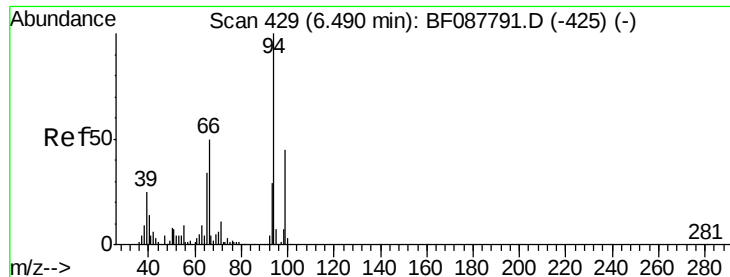


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: Below Cal

RT: 6.22 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS-4RE

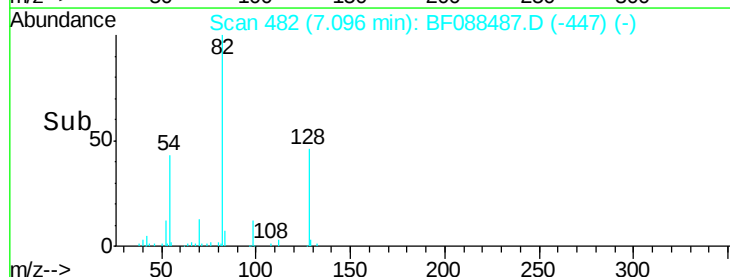
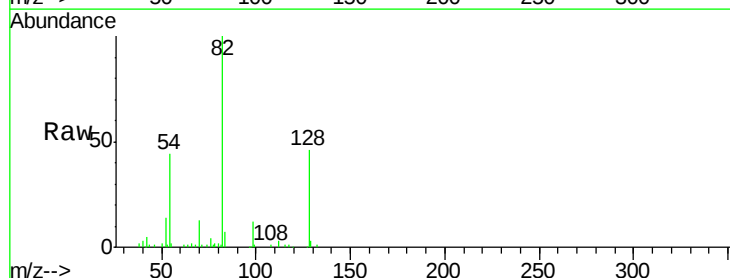
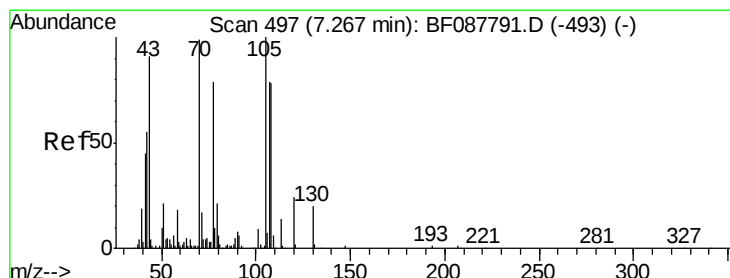
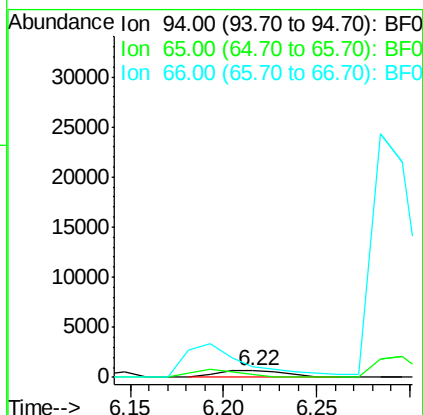
Tgt Ion: 94 Resp: 1649

Ion Ratio Lower Upper

94 100

65 54.9 5.9 45.9#

66 175.5 14.0 54.0#



#19

n-Nitroso-di-n-propylamine

Concen: 2.78 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

Tgt Ion: 70 Resp: 14566

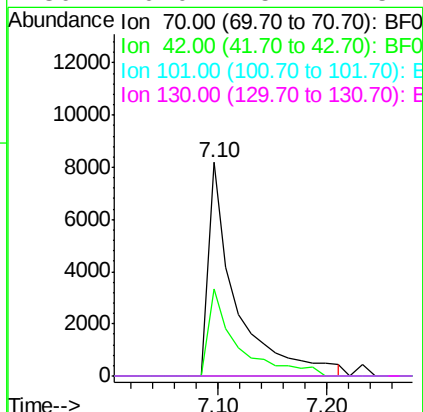
Ion Ratio Lower Upper

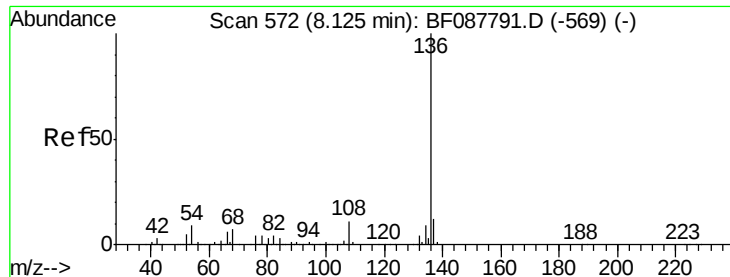
70 100

42 40.7 49.6 74.4#

101 0.0 7.1 10.7#

130 0.0 15.4 23.2#

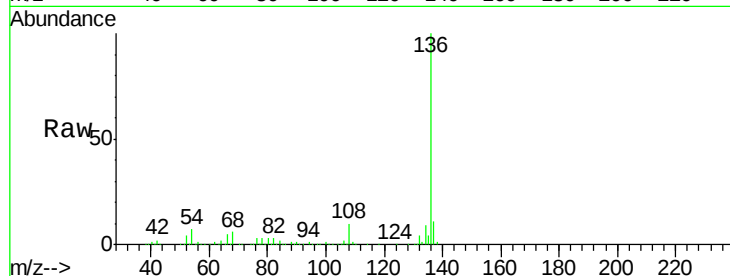




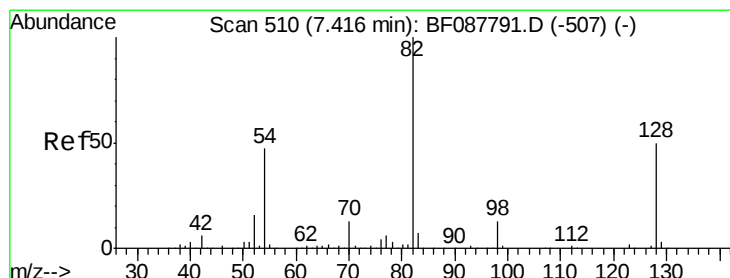
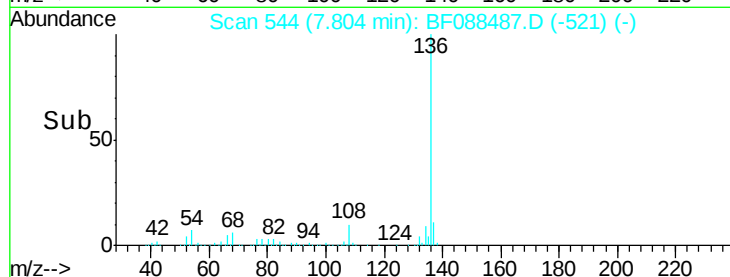
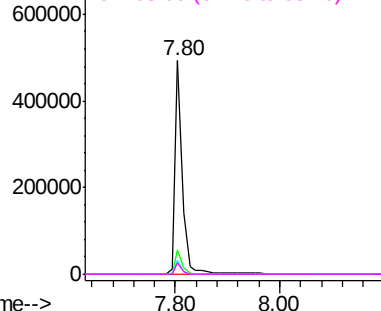
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.03 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS-4RE

Tgt Ion:	136	Resp:	494400
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.7	6.6	10.0
68	5.6	5.1	7.7

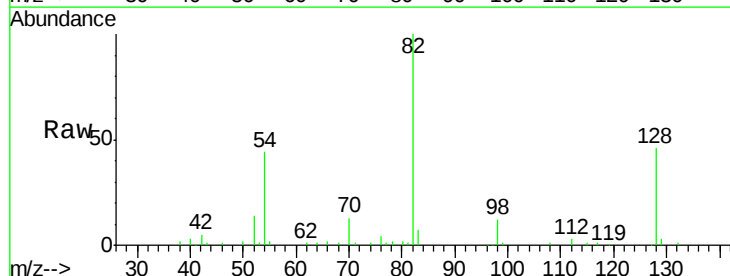


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

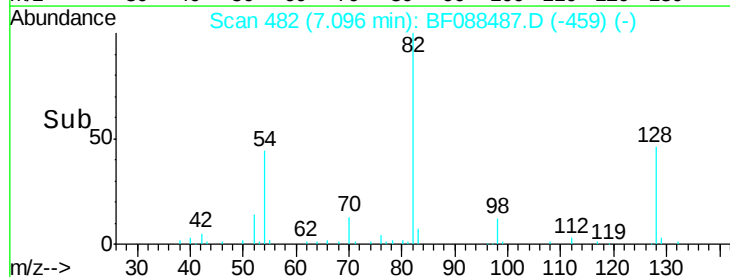
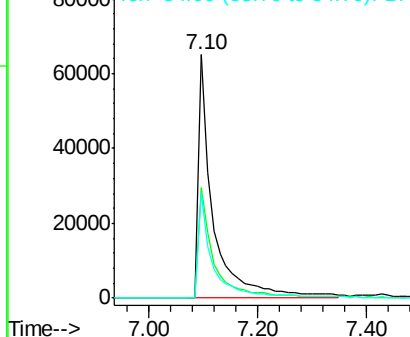


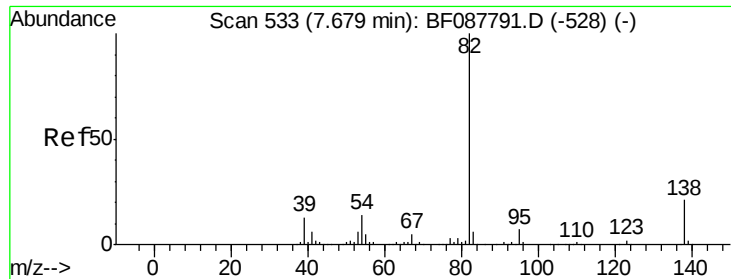
#23
Nitrobenzene-d5
Concen: 14.49 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Tgt Ion:	82	Resp:	122675
Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.9	53.9
54	43.5	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: 7.94 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.30 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS-4RE

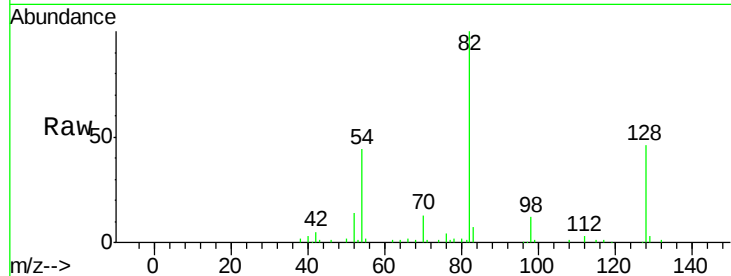
Tgt Ion: 82 Resp: 124590

Ion Ratio Lower Upper

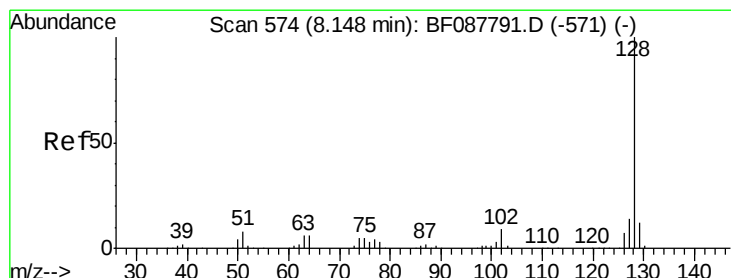
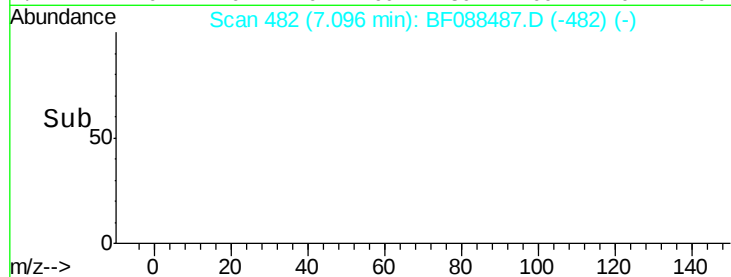
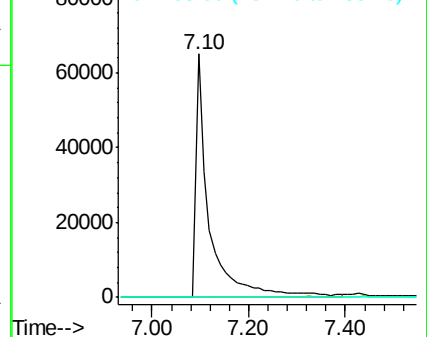
82 100

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: 14.39 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

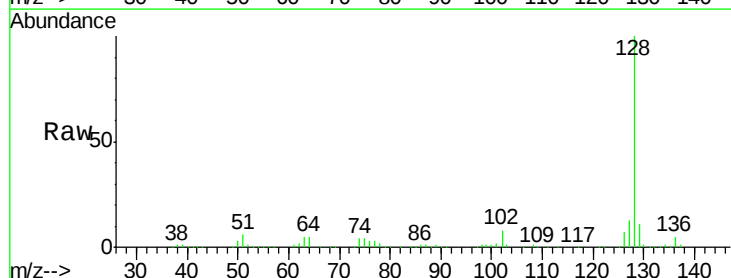
Tgt Ion: 128 Resp: 352040

Ion Ratio Lower Upper

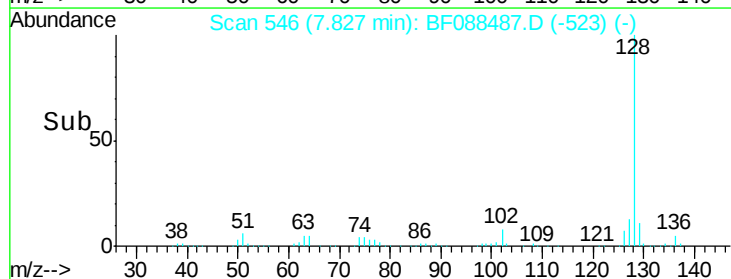
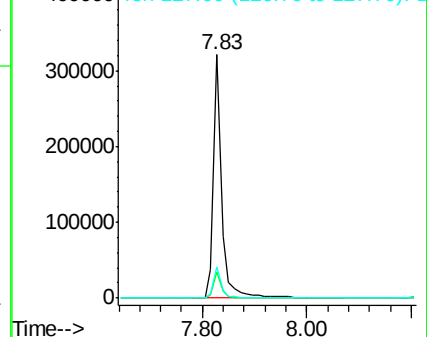
128 100

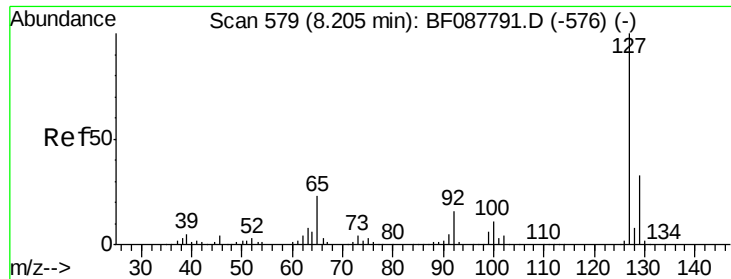
129 10.8 9.4 14.2

127 13.0 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

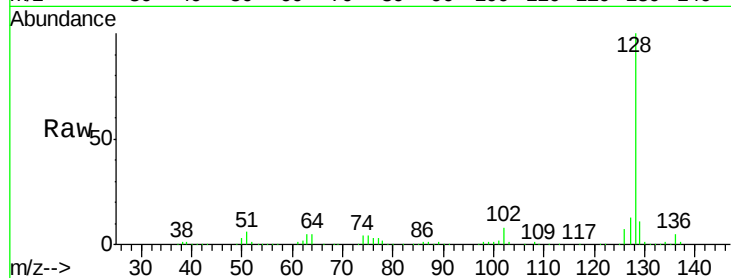




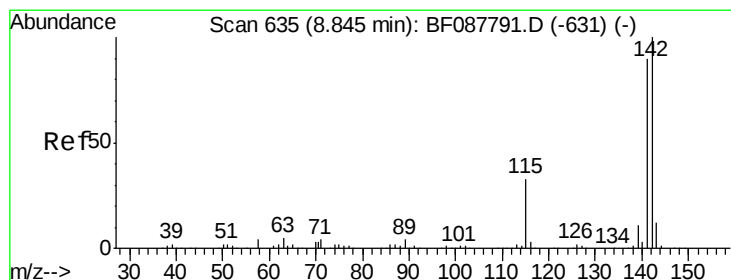
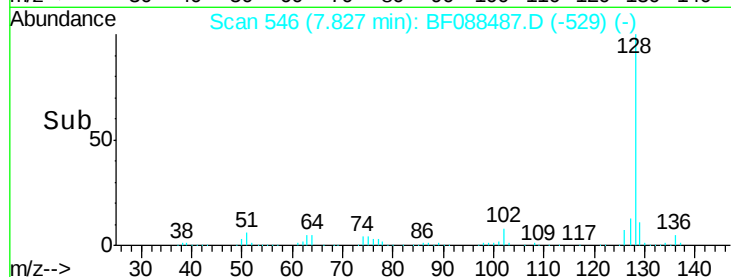
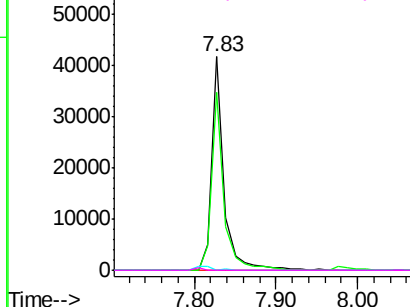
#33
4-Chloroaniline
Concen: 4.08 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.10 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS-4RE

Tgt Ion:127 Resp: 44581
Ion Ratio Lower Upper
127 100
129 83.3 26.3 39.5#
65 0.0 24.7 37.1#
92 0.0 15.4 23.0#

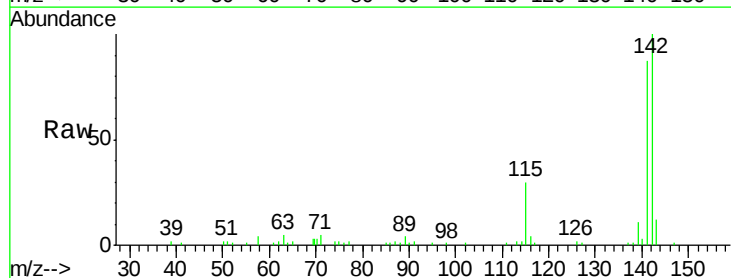


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

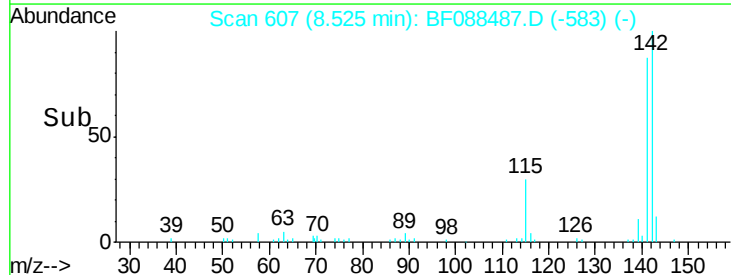
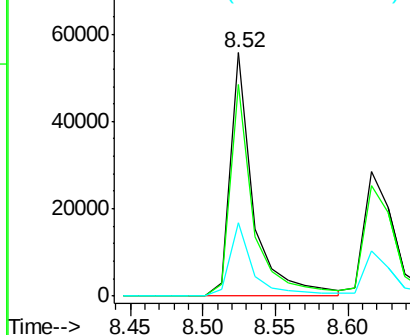


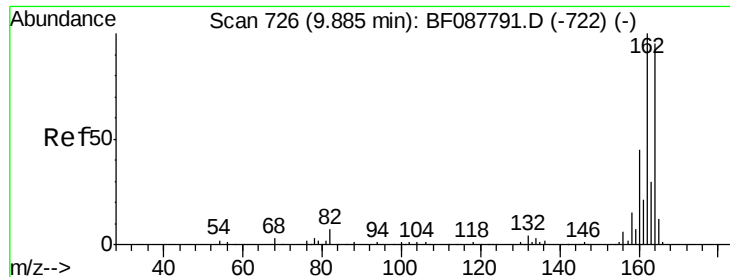
#37
2-Methylnaphthalene
Concen: 3.81 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Tgt Ion:142 Resp: 61368
Ion Ratio Lower Upper
142 100
141 87.0 71.0 106.6
115 30.1 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

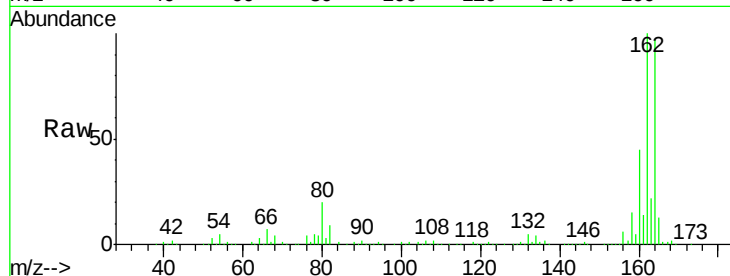




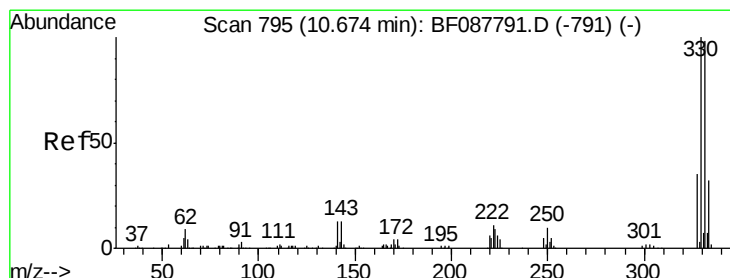
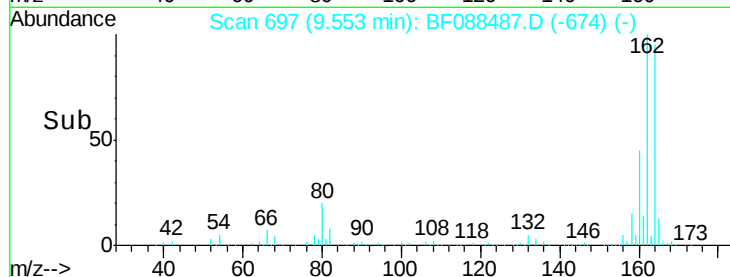
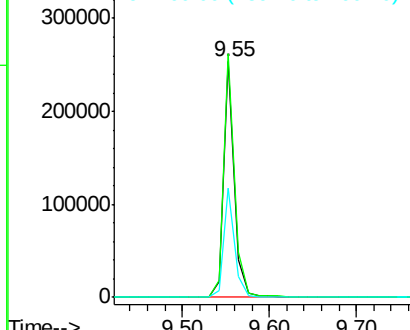
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS-4RE

Tgt Ion:164 Resp: 221340
Ion Ratio Lower Upper
164 100
162 103.5 85.4 128.2
160 46.5 39.5 59.3

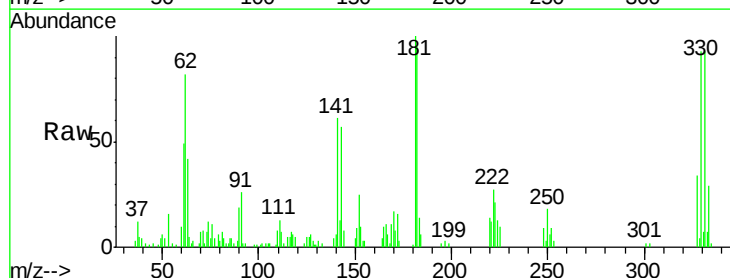


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

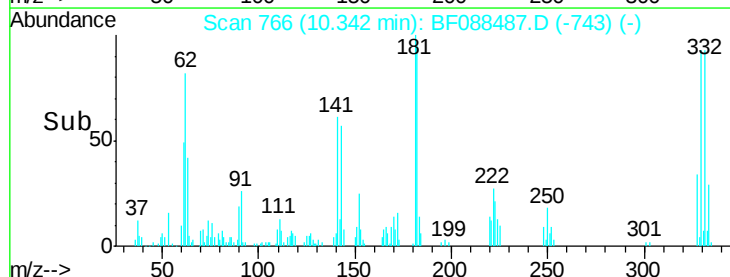
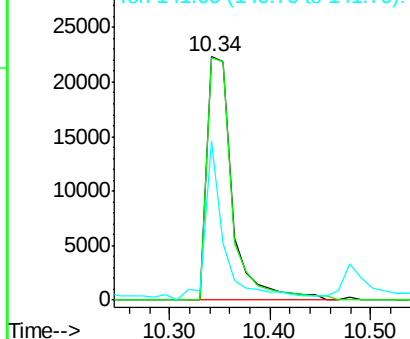


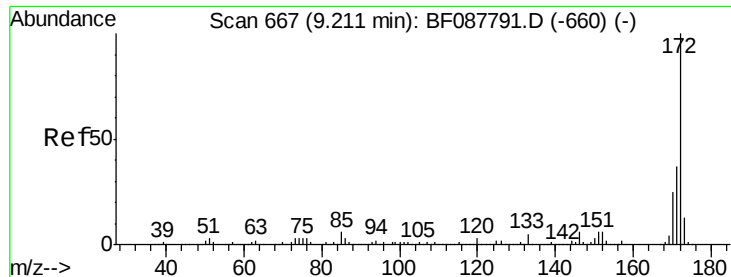
#41
2,4,6-Tribromophenol
Concen: 16.77 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.03 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Tgt Ion:330 Resp: 39185
Ion Ratio Lower Upper
330 100
332 99.7 0.0 0.0#
141 48.6 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

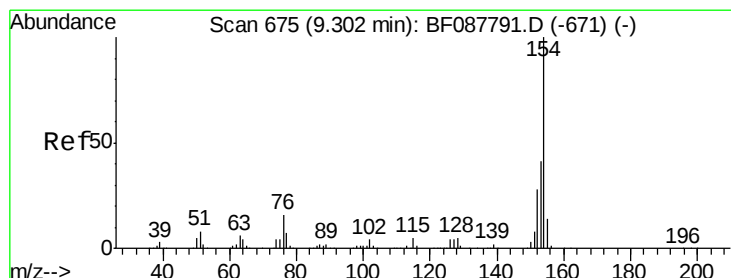
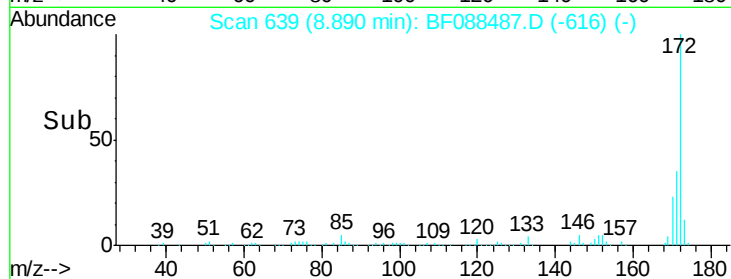
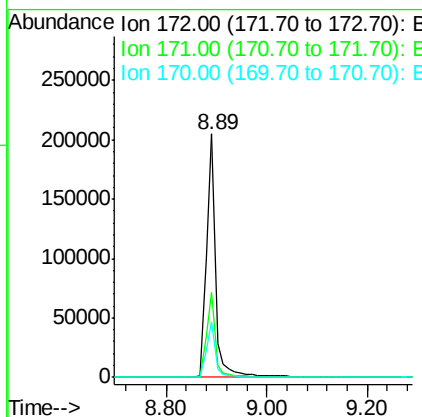
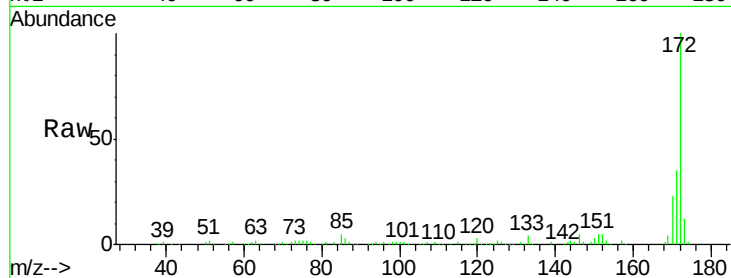




#44
 2-Fluorobiphenyl
 Concen: 13.78 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 19:09

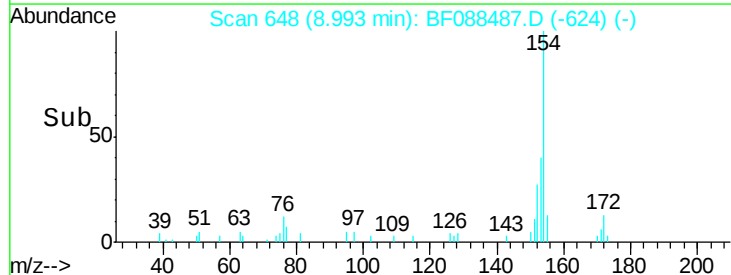
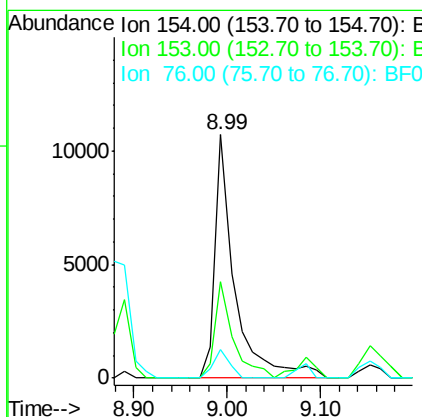
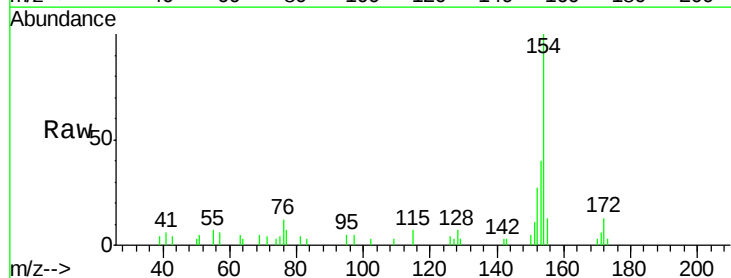
Instrument :
 BNA_F
 ClientSampled :
 SS-4RE

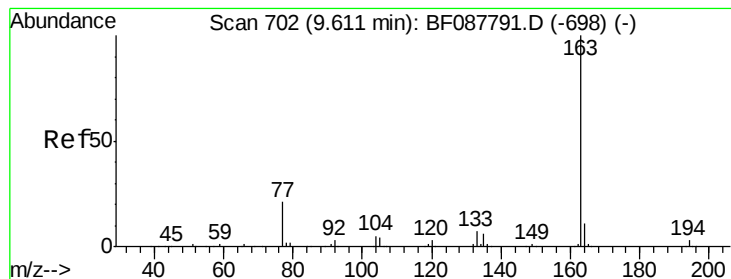
Tgt Ion:172 Resp: 259499
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 22.7 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.99 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 19:09

Tgt Ion:154 Resp: 15755
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.6 60.6
 76 12.0 0.0 35.1





#49

Dimethylphthalate

Concen: 3.04 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS-4RE

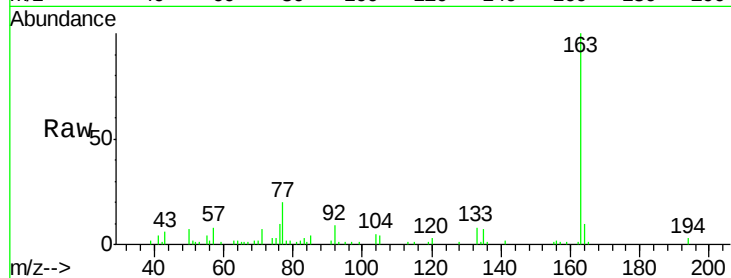
Tgt Ion:163 Resp: 48664

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

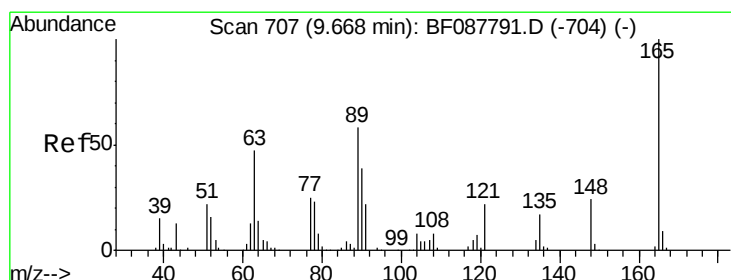
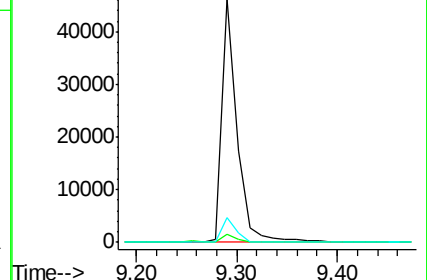
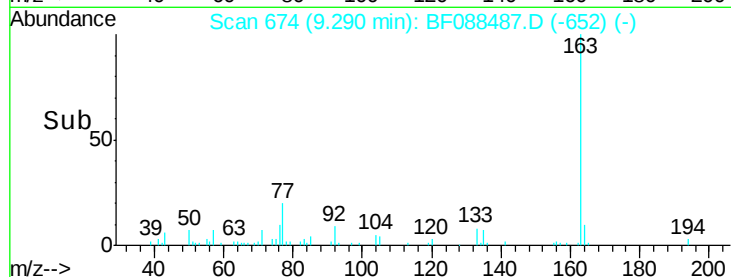
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.06 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.16 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

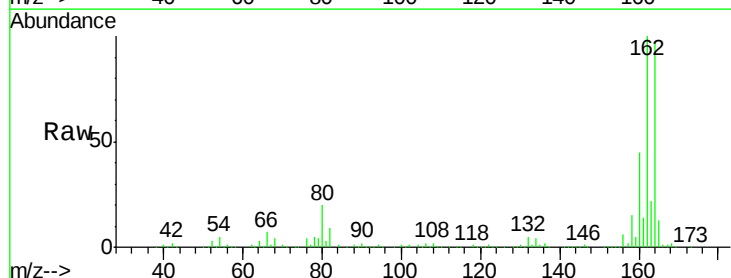
Tgt Ion:165 Resp: 29595

Ion Ratio Lower Upper

165 100

63 1.8 28.1 42.1#

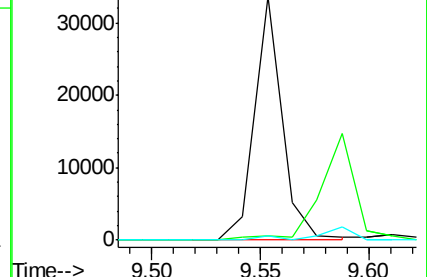
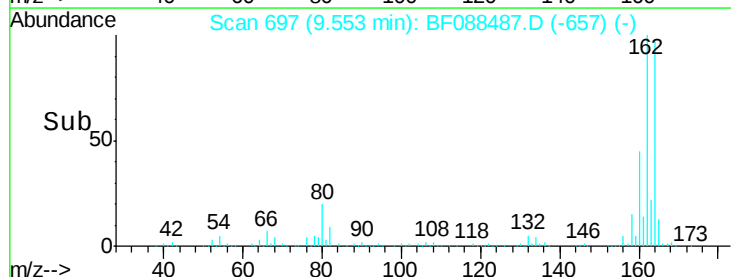
89 1.9 32.2 48.2#

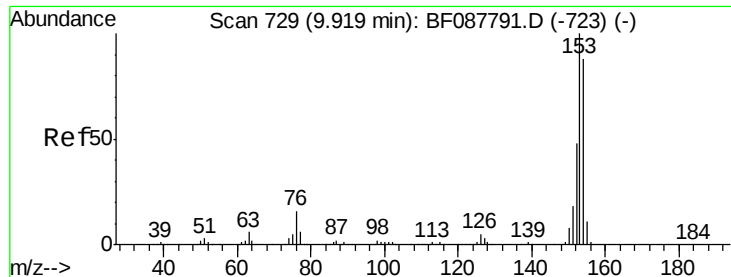


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 15.11 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS-4RE

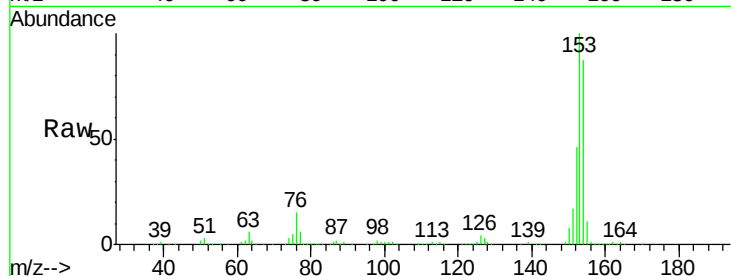
Tgt Ion:154 Resp: 214787

Ion Ratio Lower Upper

154 100

153 114.3 89.5 134.3

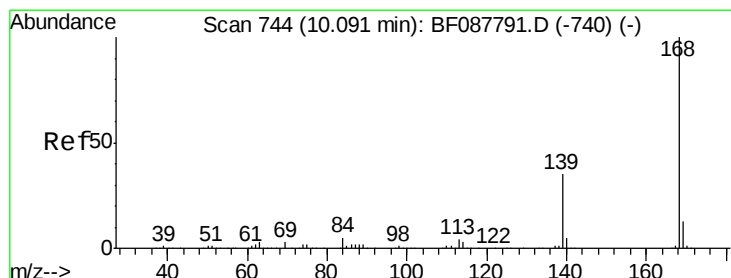
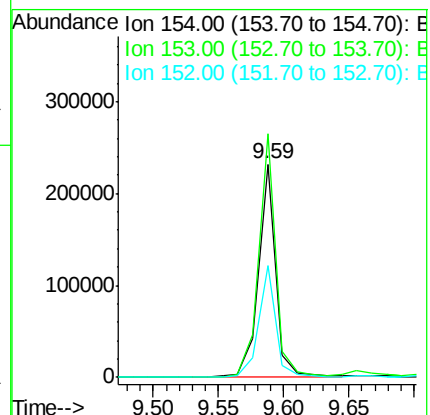
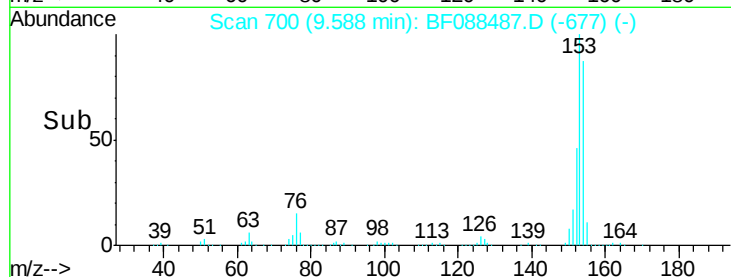
152 52.8 42.7 64.1



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: 6.21 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

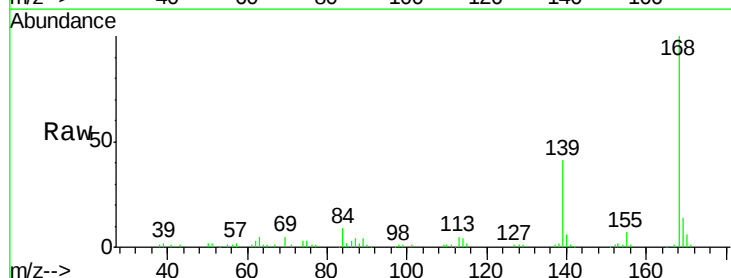
Tgt Ion:168 Resp: 121641

Ion Ratio Lower Upper

168 100

139 40.8 26.4 39.6#

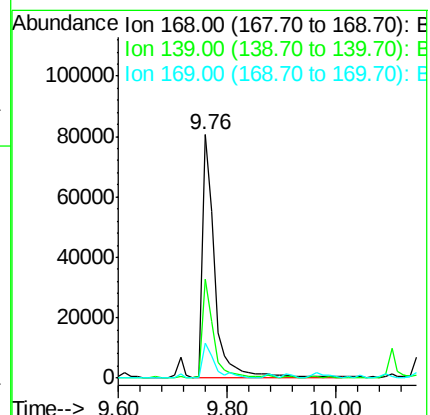
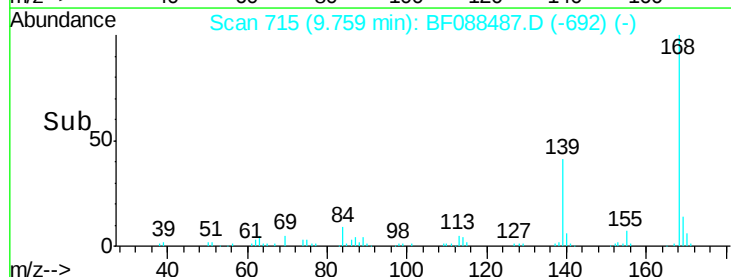
169 14.4 10.4 15.6

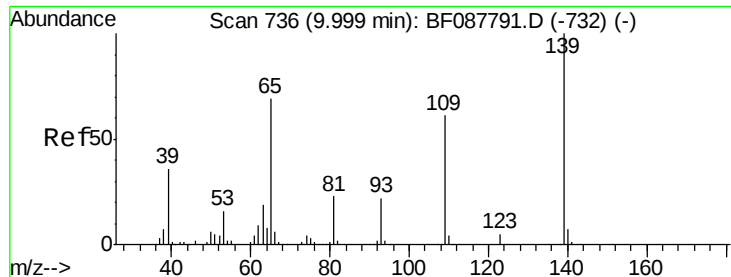


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 14.26 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS-4RE

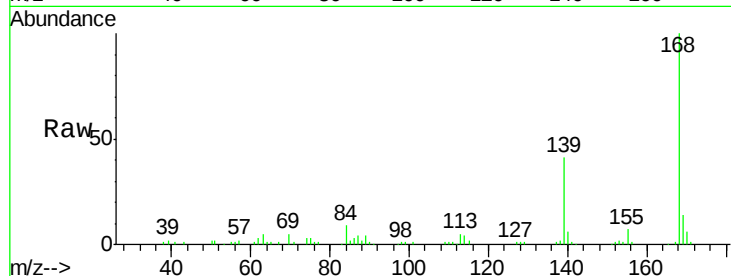
Tgt Ion:139 Resp: 46904

Ion Ratio Lower Upper

139 100

109 1.5 48.9 88.9#

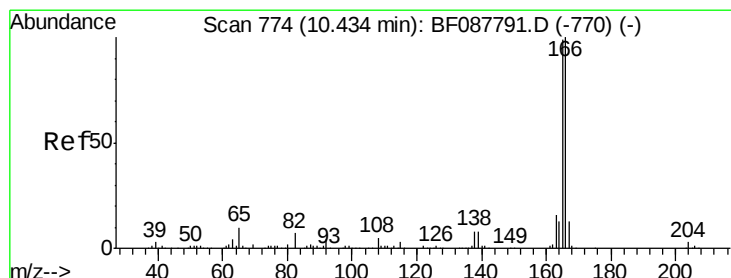
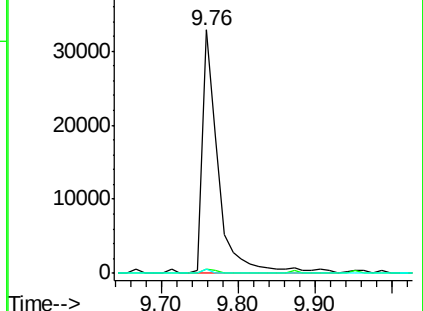
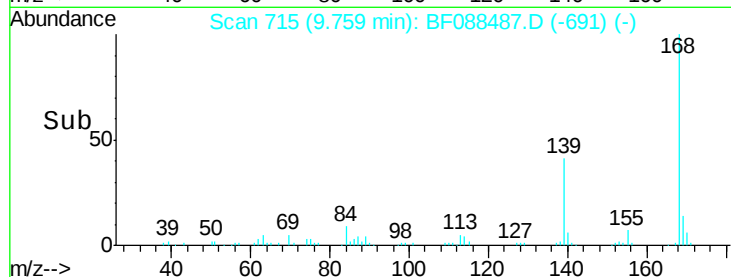
65 1.9 84.9 124.9#



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: 5.63 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

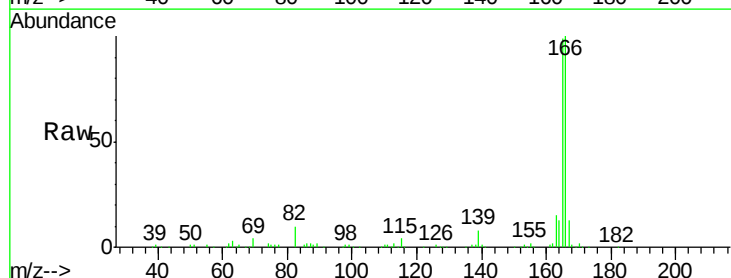
Tgt Ion:166 Resp: 130328

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

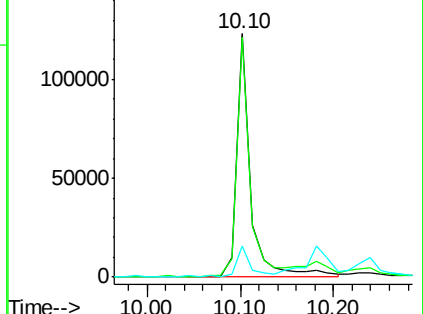
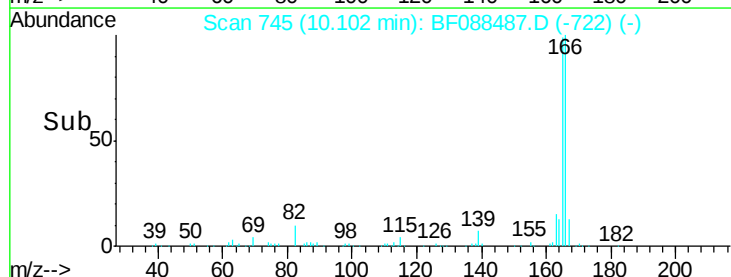
167 12.9 11.2 16.8

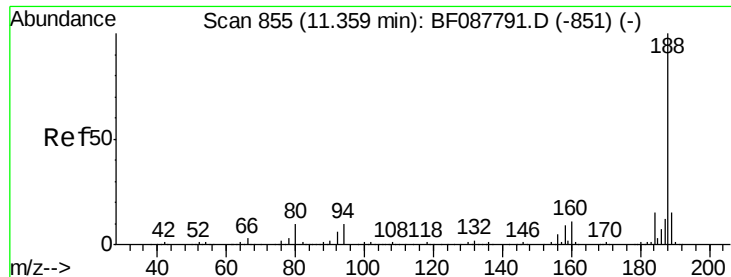


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

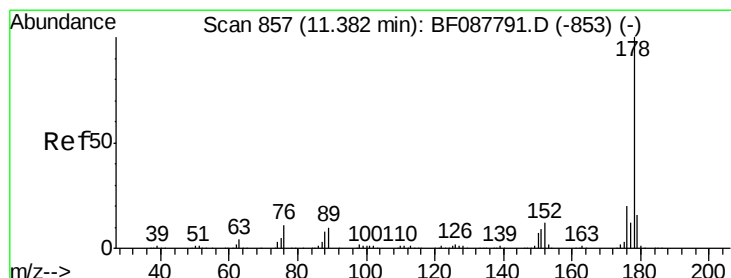
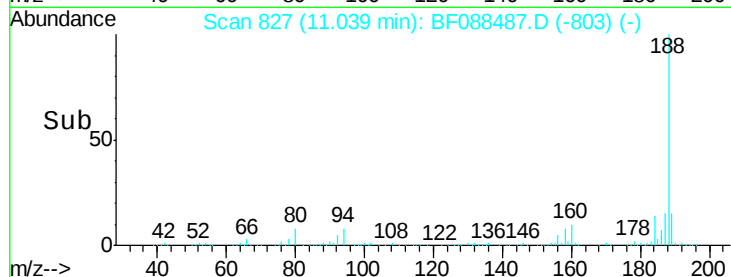
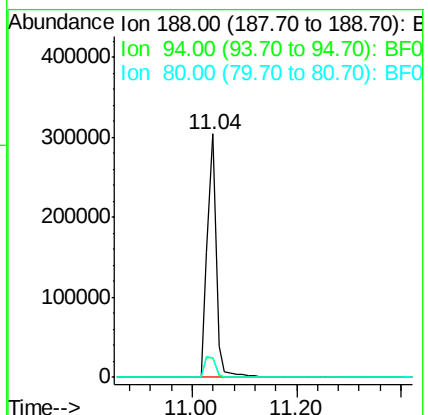
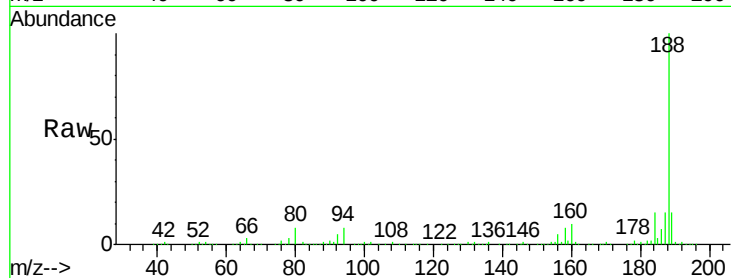




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

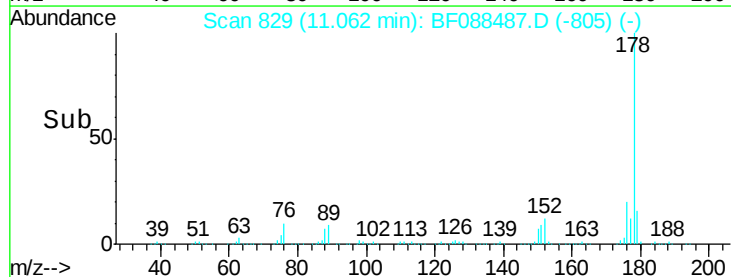
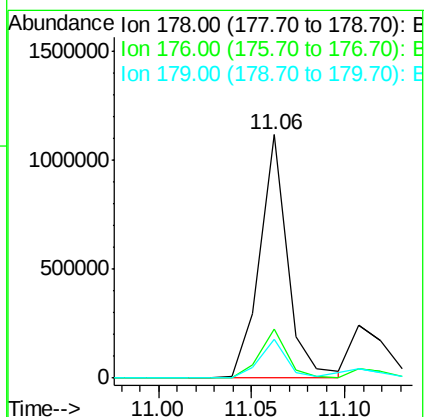
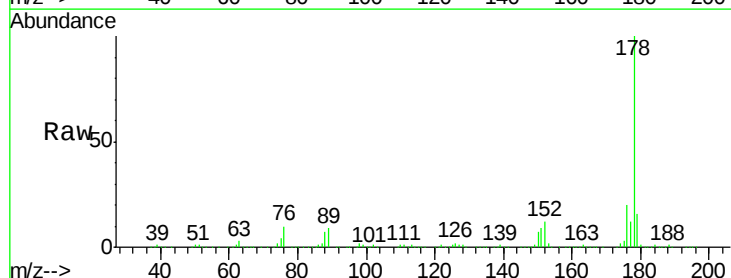
Instrument :
BNA_F
ClientSampleId :
SS-4RE

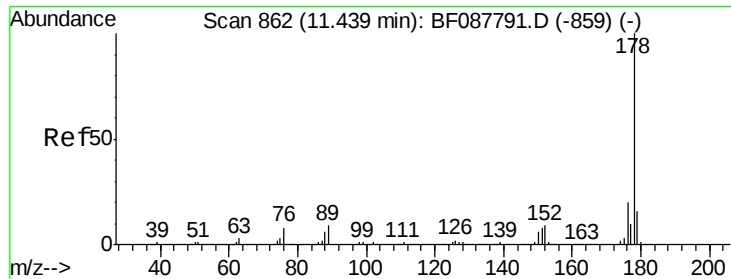
Tgt Ion:188 Resp: 366448
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.6#
80 8.2 10.0 15.0#



#70
Phenanthrene
Concen: 60.05 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Tgt Ion:178 Resp: 1154777
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.1 13.0 19.4

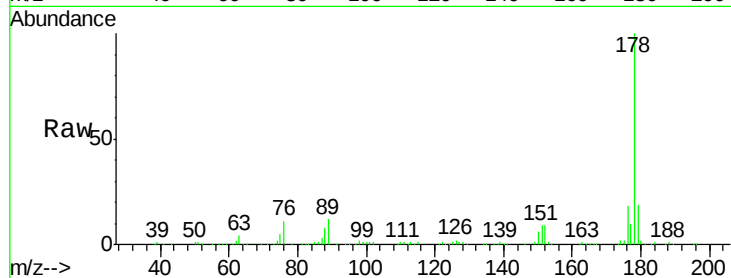




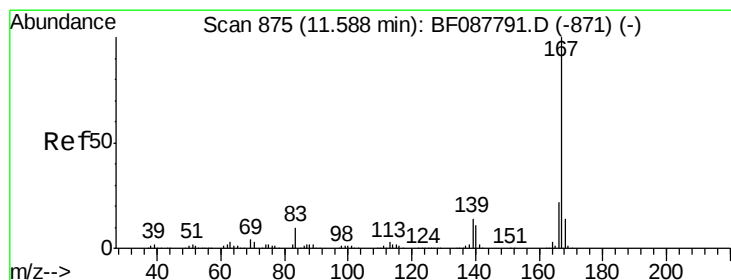
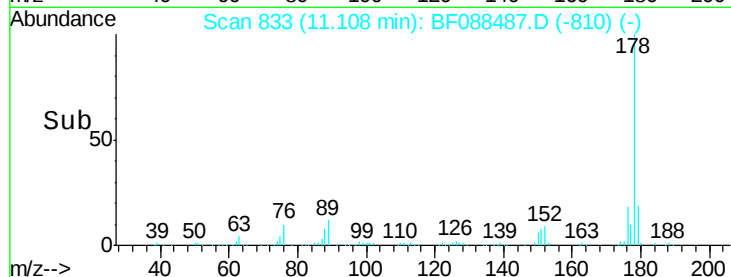
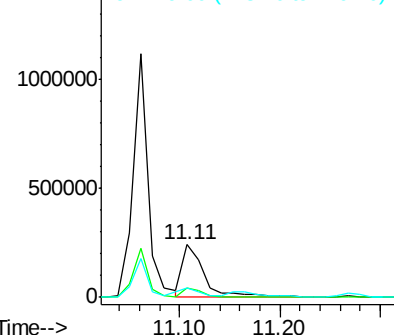
#71
 Anthracene
 Concen: 18.82 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.03 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 19:09

Instrument :
 BNA_F
 ClientSampled :
 SS-4RE

Tgt Ion:178 Resp: 364978
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.6 23.4
 179 18.9 12.8 19.2

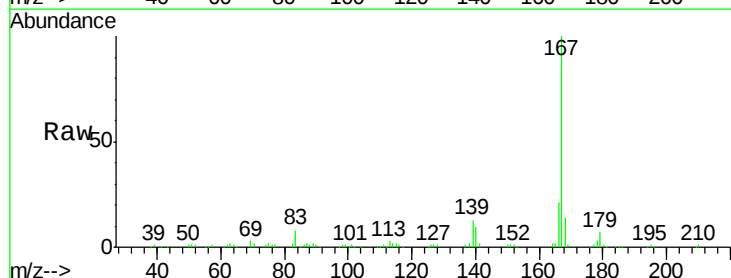


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

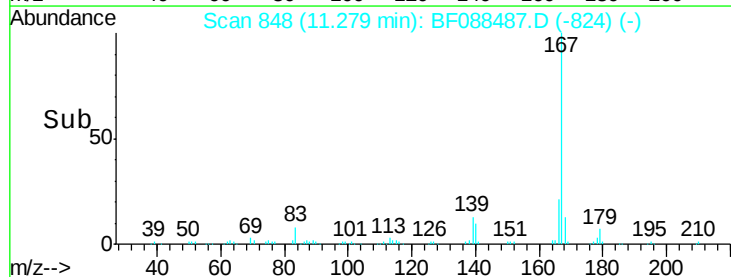
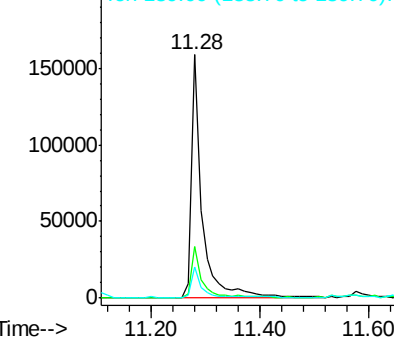


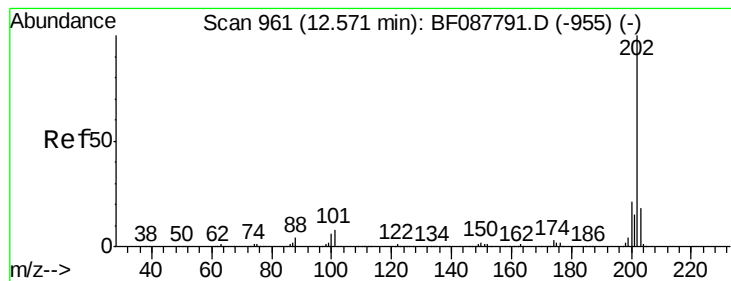
#72
 Carbazole
 Concen: 11.91 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 19:09

Tgt Ion:167 Resp: 216235
 Ion Ratio Lower Upper
 167 100
 166 21.4 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: 70.87 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS-4RE

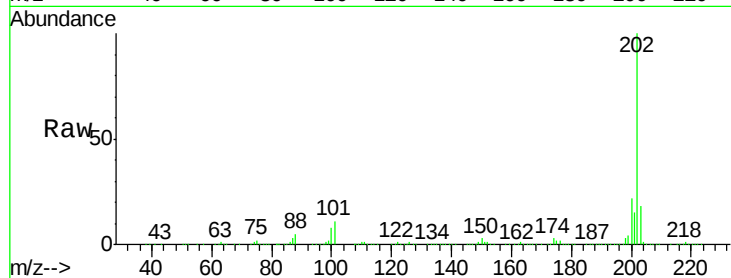
Tgt Ion:202 Resp: 1438206

Ion Ratio Lower Upper

202 100

101 10.6 0.0 33.1

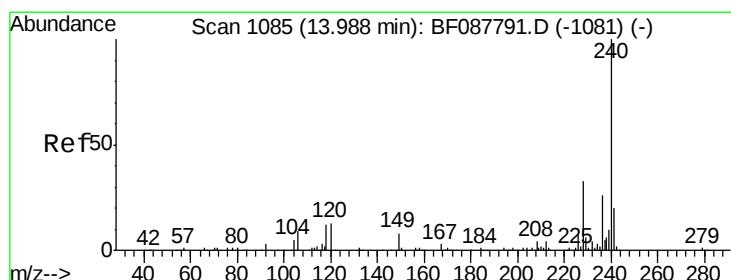
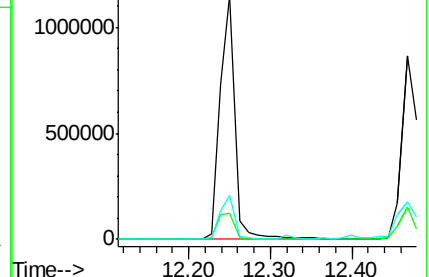
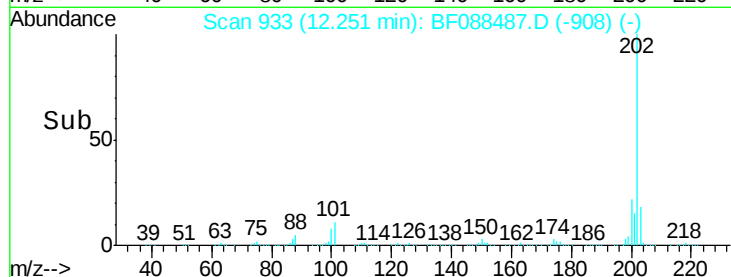
203 18.3 0.0 38.1



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: 13.67 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

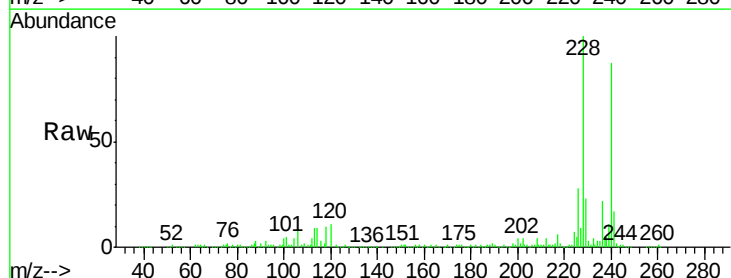
Tgt Ion:240 Resp: 218757

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

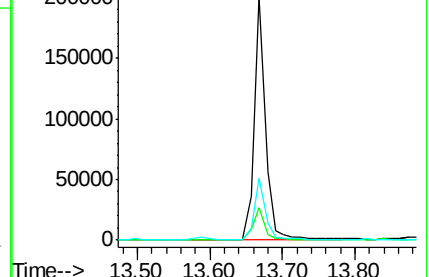
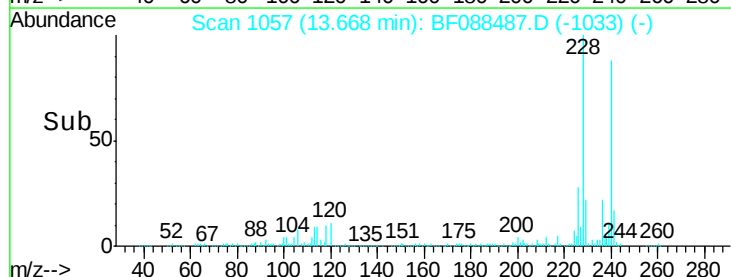
236 25.5 20.2 30.2

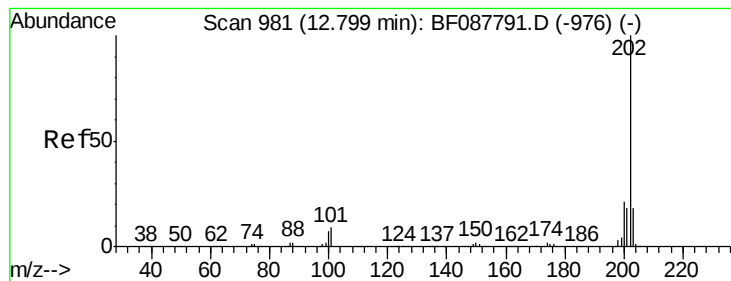


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 72.28 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS-4RE

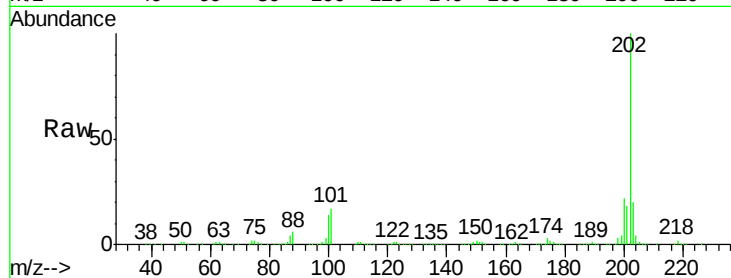
Tgt Ion:202 Resp: 1173414

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

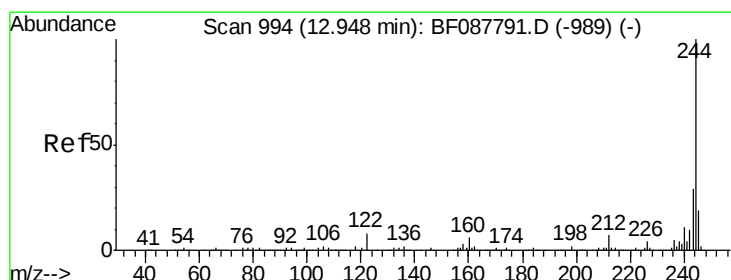
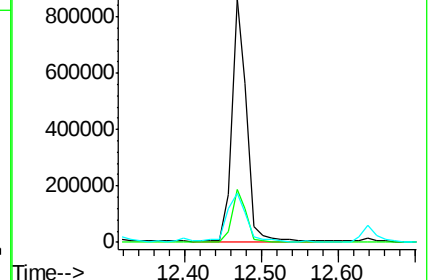
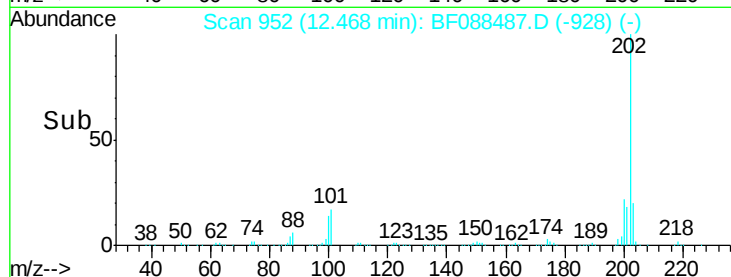
203 20.3 14.5 21.7



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: 18.02 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

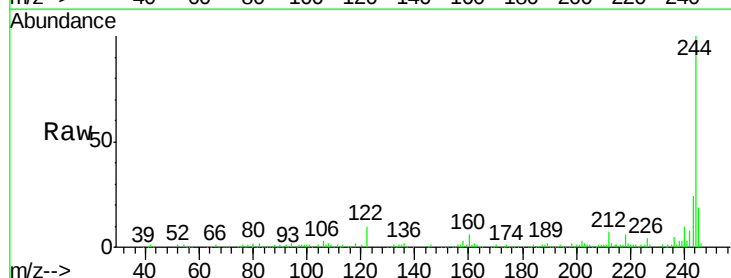
Tgt Ion:244 Resp: 173204

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

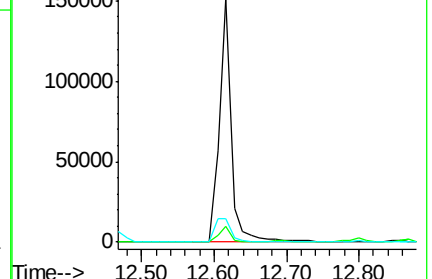
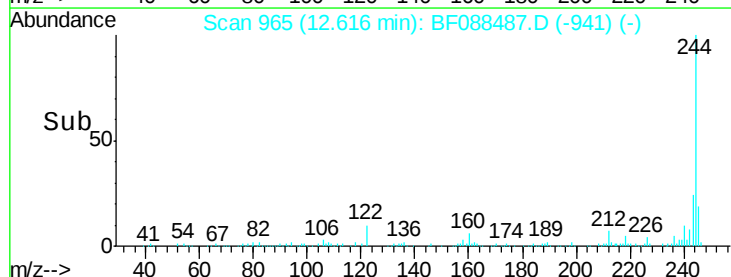
122 9.8 11.2 16.8#

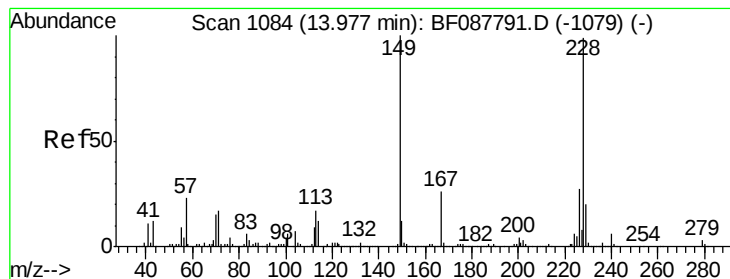


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

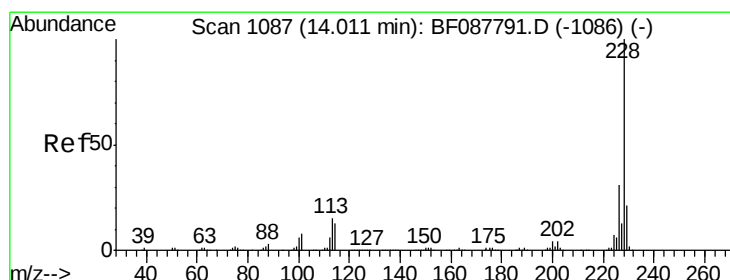
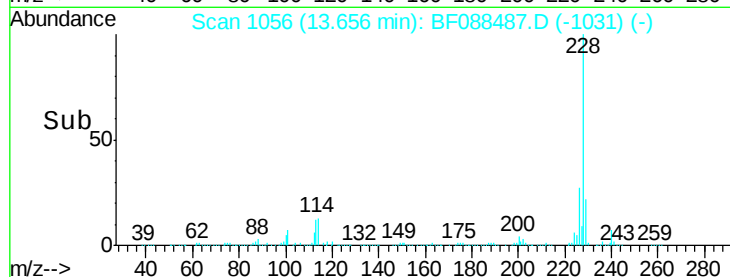
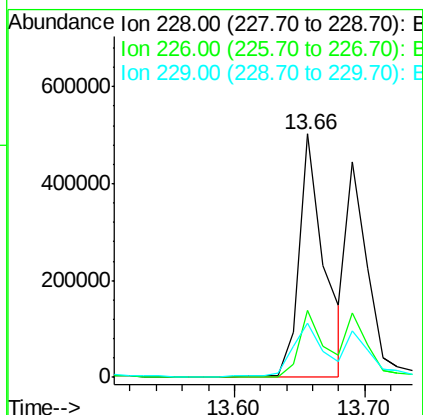
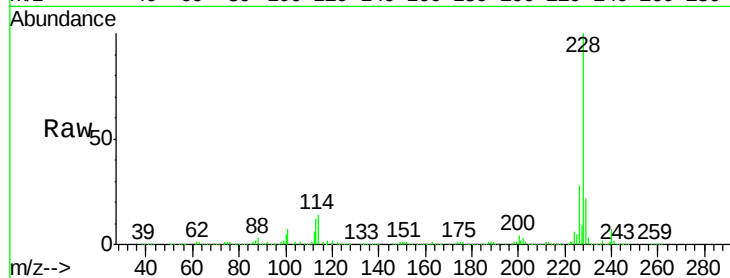




#80
Benzo(a)anthracene
Concen: 53.72 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

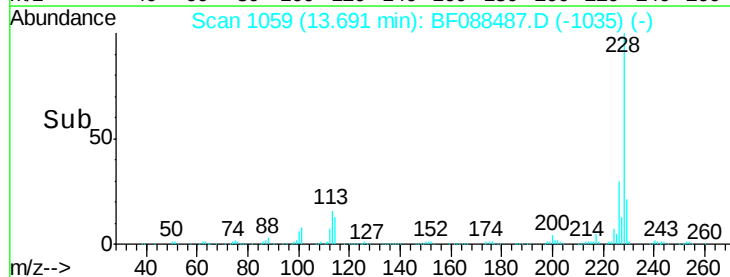
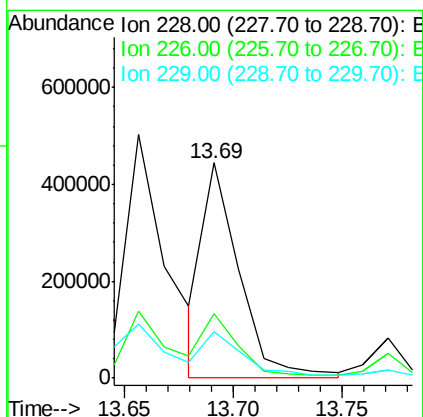
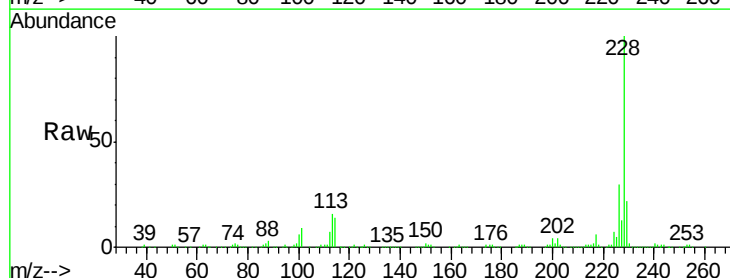
Instrument :
BNA_F
ClientSampleId :
SS-4RE

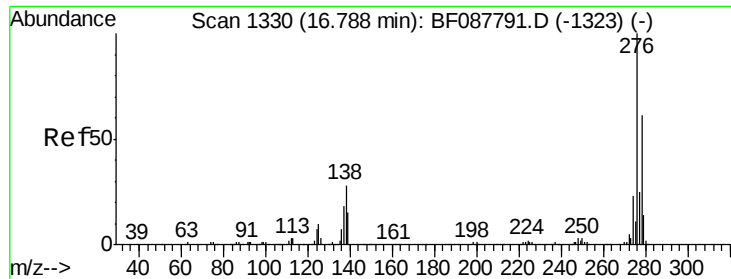
Tgt Ion:228 Resp: 669620
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 22.2 16.0 24.0



#82
Chrysene
Concen: 43.62 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Tgt Ion:228 Resp: 511607
Ion Ratio Lower Upper
228 100
226 29.8 25.4 38.2
229 21.7 16.3 24.5





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.96 ng

RT: 16.25 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS-4RE

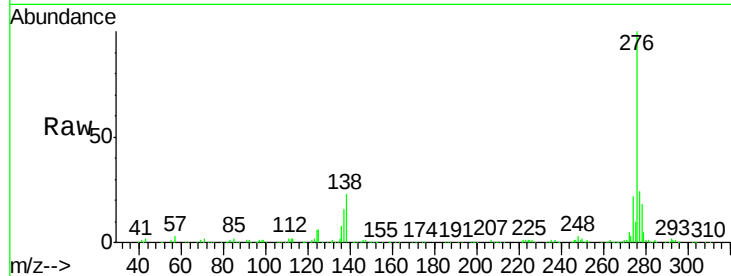
Tgt Ion:276 Resp: 424497

Ion Ratio Lower Upper

276 100

138 26.2 0.0 0.0#

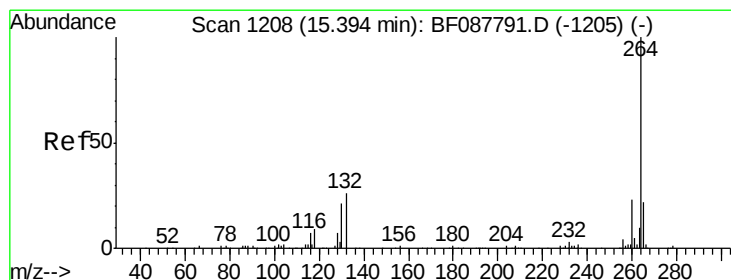
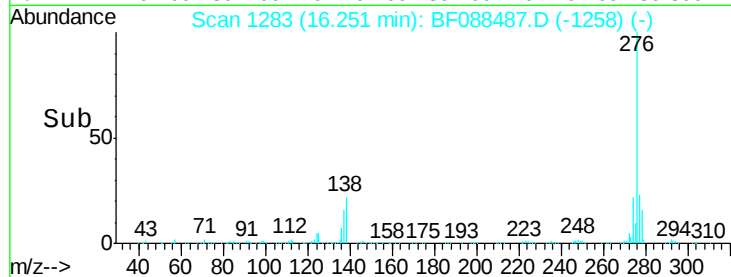
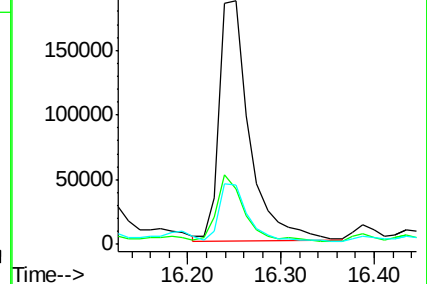
277 22.5 0.0 0.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.02 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 19:09

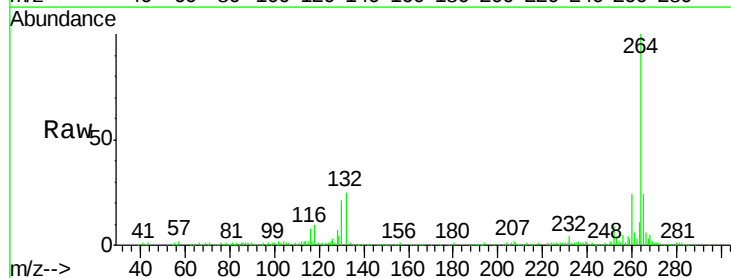
Tgt Ion:264 Resp: 211525

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

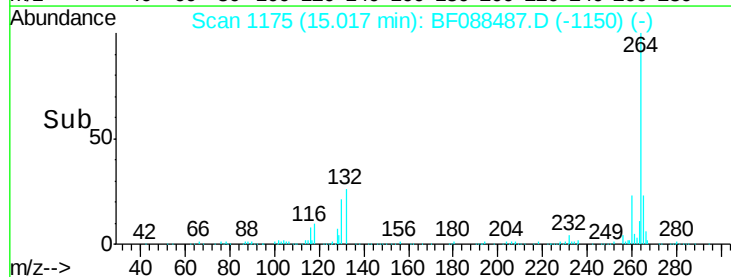
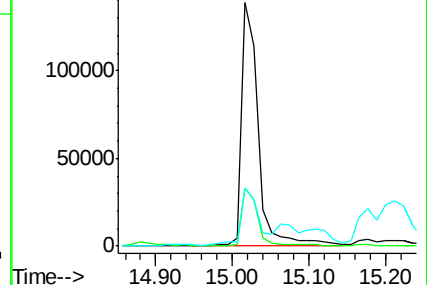
265 23.9 16.9 25.3

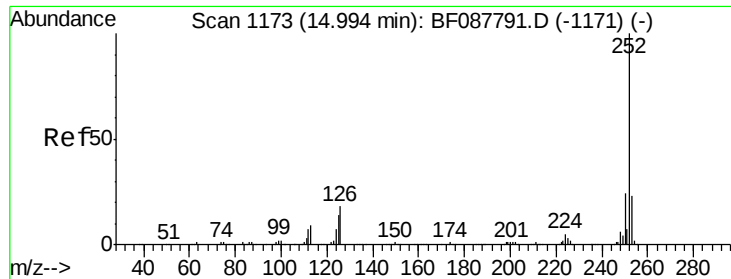


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

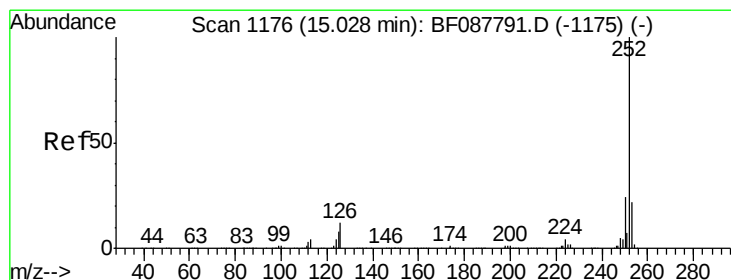
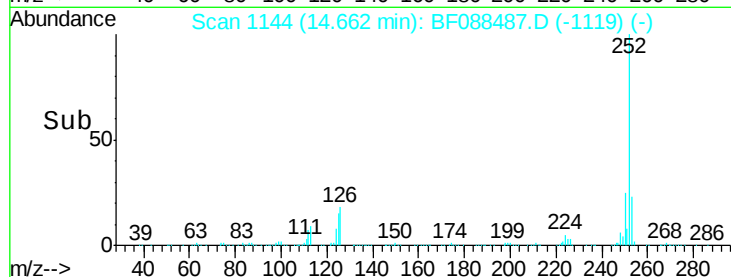
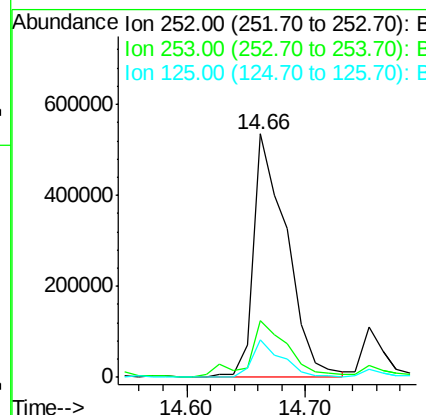
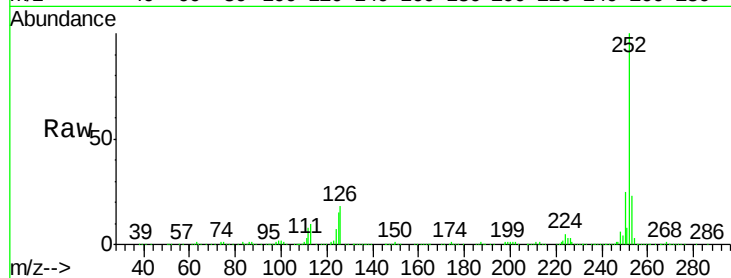




#87
Benzo(b)fluoranthene
Concen: 70.33 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

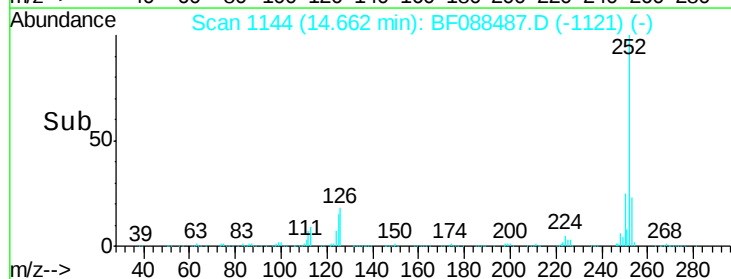
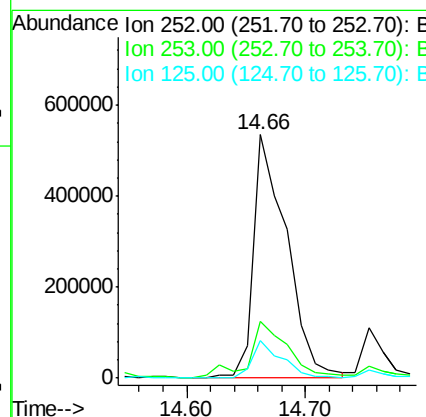
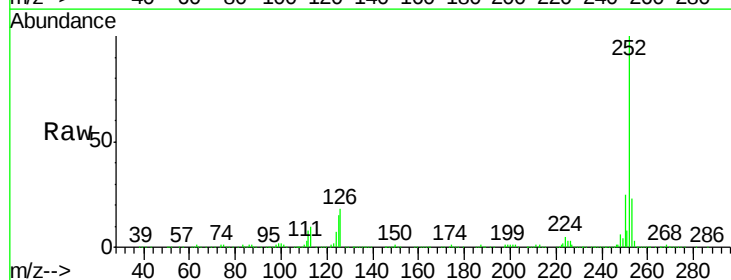
Instrument :
BNA_F
ClientSampleId :
SS-4RE

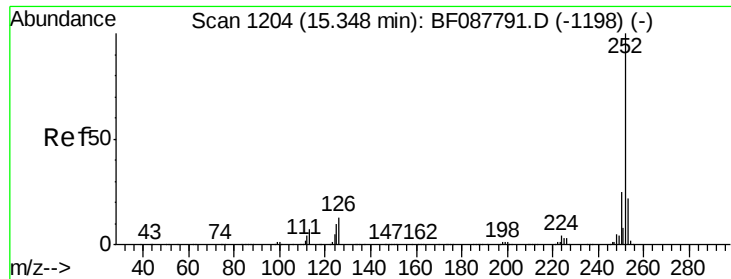
Tgt Ion:252 Resp: 1036893
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 15.5 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 93.23 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Tgt Ion:252 Resp: 1036893
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 15.5 11.2 16.8

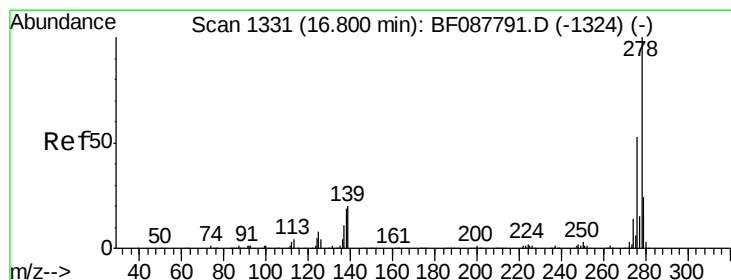
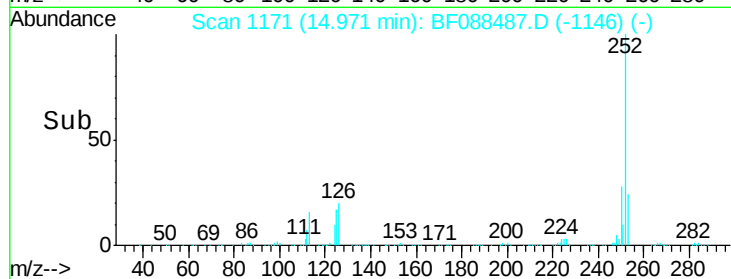
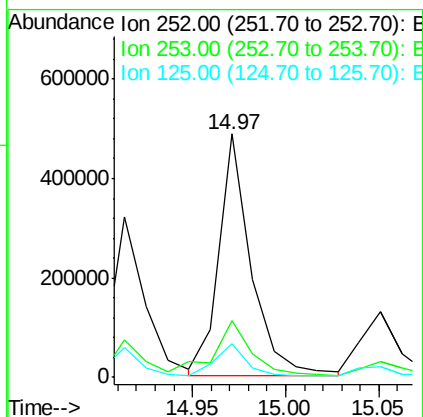
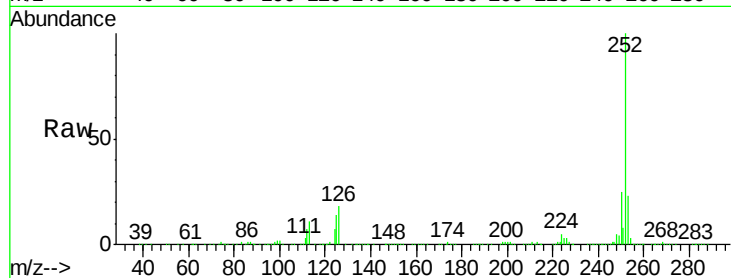




#89
Benzo(a)pyrene
Concen: 49.19 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

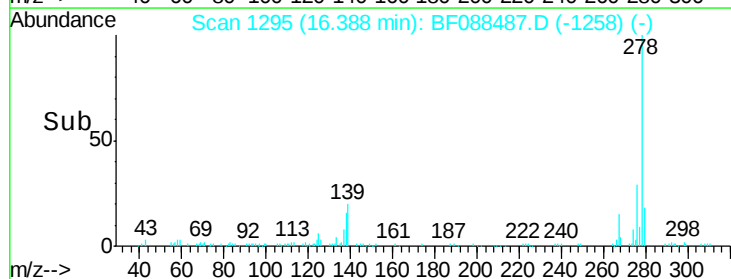
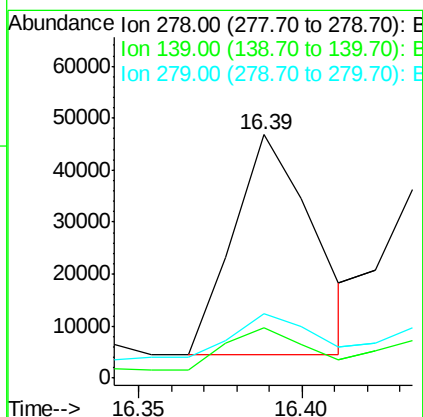
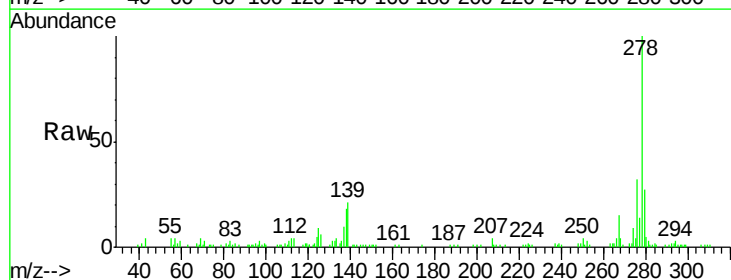
Instrument :
BNA_F
ClientSampleId :
SS-4RE

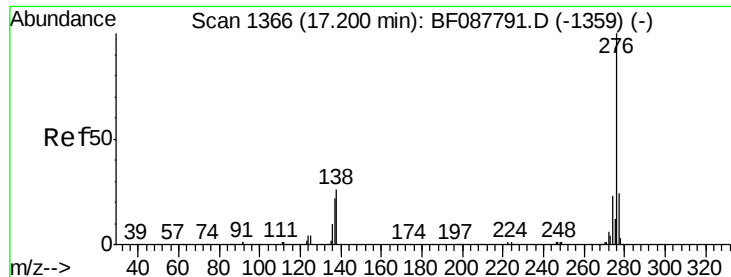
Tgt Ion:	252	Resp:	586767
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	13.9	12.5	18.7



#90
Dibenzo(a,h)anthracene
Concen: 6.52 ng
RT: 16.39 min Scan# 1295
Delta R.T. 0.13 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Tgt Ion:	278	Resp:	72209
Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.7	23.5
279	26.6	19.4	29.2

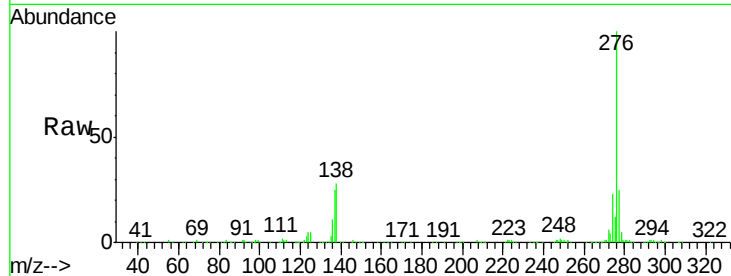




#91
Benzo(g,h,i)perylene
Concen: 36.33 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF088487.D
Acq: 28 Jun 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS-4RE

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.9	28.3
138	28.1	21.4	32.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

