

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082348.D
 Acq On : 17 Oct 2015 2:59
 Operator : UM/IZ
 Sample : G4016-12RE 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-13

Quant Time: Oct 17 04:34:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 04:30:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	54733	20.00	ng	0.01
21) Naphthalene-d8	8.24	136	235502	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	128357	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	247190	20.00	ng	0.00
75) Chrysene-d12	14.15	240	217795	20.00	ng	0.01
86) Perylene-d12	15.68	264	214762	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	11438	4.22	ng	0.01
7) Phenol-d6	6.59	99	17454	4.95	ng	0.00
23) Nitrobenzene-d5	7.53	82	9528	2.72	ng	0.01
41) 2,4,6-Tribromophenol	10.78	330	6323	5.25	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	29756	3.84	ng	0.01
78) Terphenyl-d14	13.05	244	36455	4.44	ng	0.00

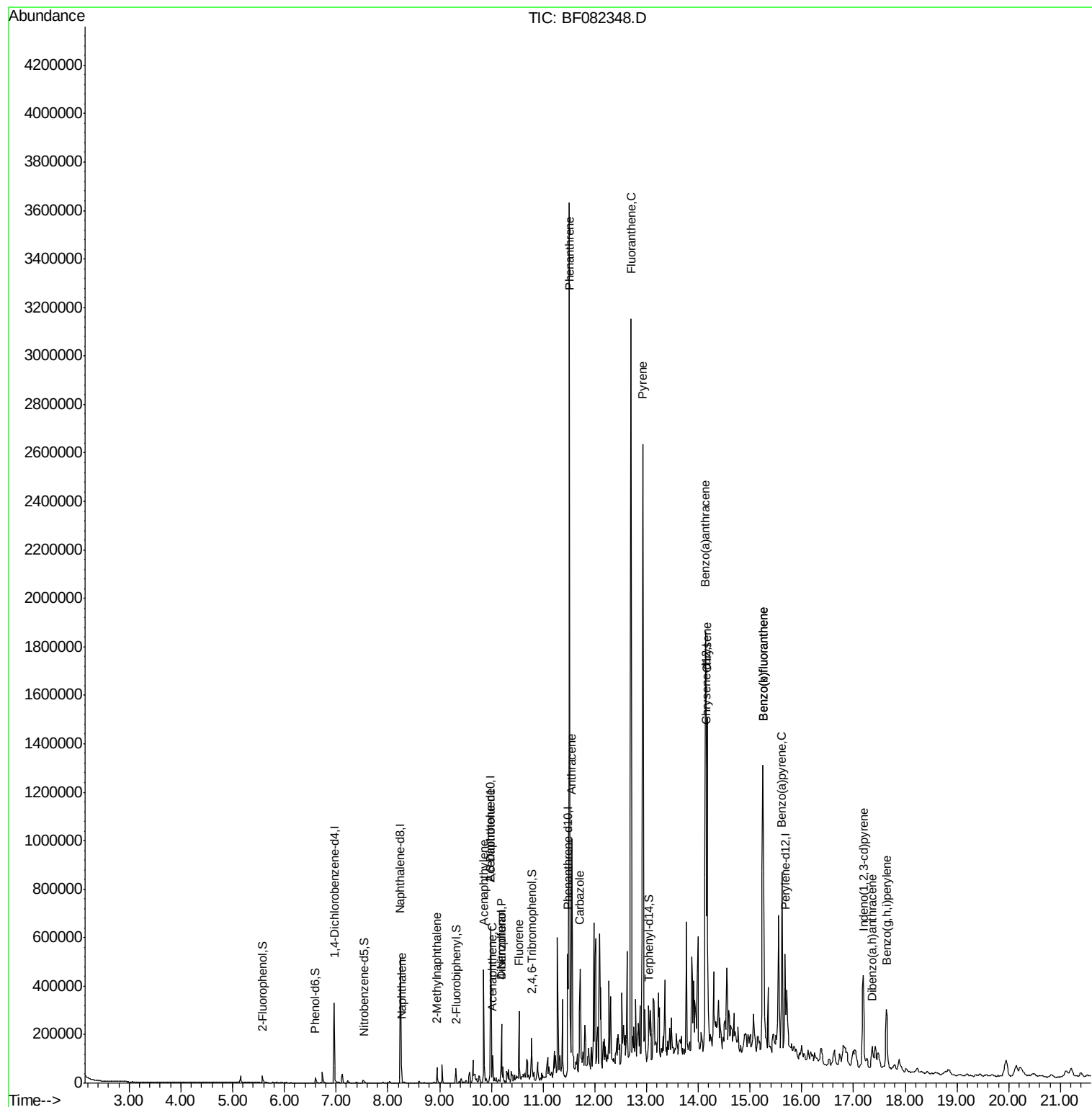
Target Compounds						Qvalue
31) Naphthalene	8.26	128	31157	3.05	ng	98
37) 2-Methylnaphthalene	8.95	142	21877	3.09	ng	98
48) Acenaphthylene	9.85	152	188383	15.69	ng	99
50) 2,6-Dinitrotoluene	9.99	165	17722	9.29	ng	# 33
51) Acenaphthene	10.02	154	22926	3.18	ng	97
54) Dibenzofuran	10.19	168	93476	9.45	ng	95
55) 4-Nitrophenol	10.19	139	34033	30.11	ng	# 13
57) Fluorene	10.54	166	91602	11.27	ng	99
70) Phenanthrene	11.51	178	1501341	123.91	ng	98
71) Anthracene	11.56	178	404814	32.42	ng	99
72) Carbazole	11.72	167	238631	20.95	ng	97
74) Fluoranthene	12.70	202	1433237	110.14	ng	95
77) Pyrene	12.93	202	1097783	84.93	ng	99
80) Benzo(a)anthracene	14.14	228	815264	71.94	ng	95
82) Chrysene	14.17	228	493611	41.34	ng	98
85) Indeno(1,2,3-cd)pyrene	17.19	276	256806	27.06	ng	97
87) Benzo(b)fluoranthene	15.25	252	945578	72.37	ng	99
88) Benzo(k)fluoranthene	15.25	252	945578	86.10	ng	# 97
89) Benzo(a)pyrene	15.61	252	434425	38.69	ng	98
90) Dibenzo(a,h)anthracene	17.36	278	61609	6.70	ng	96
91) Benzo(g,h,i)perylene	17.64	276	214164	23.96	ng	98

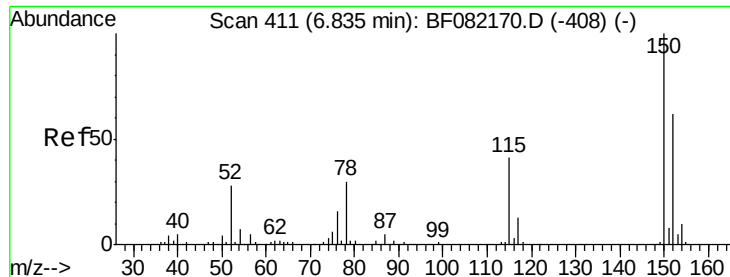
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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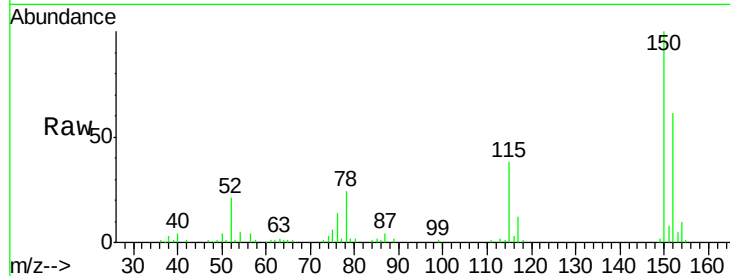


#1

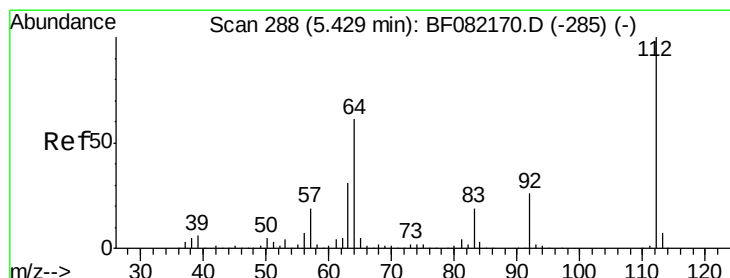
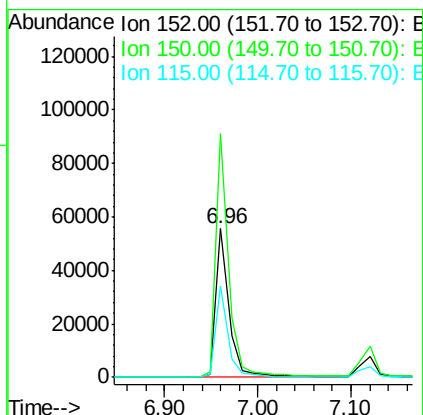
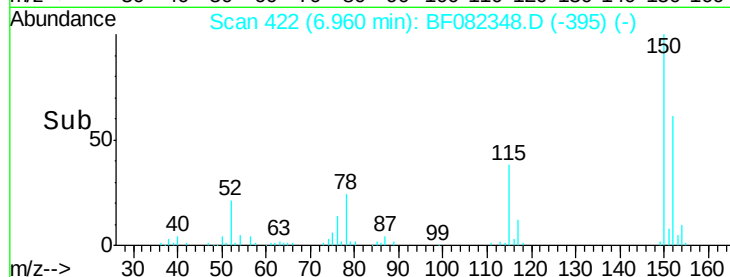
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF082348.D
Acq: 17 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
CS-13

Tot Ion:152 Resp: 54733
Ion Ratio Lower Upper
152 100
150 163.9 129.0 193.4
115 61.5 52.1 78.1



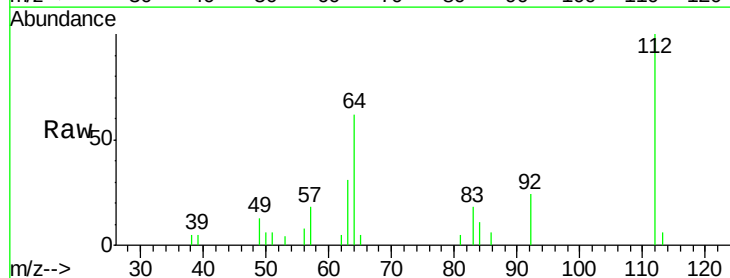
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



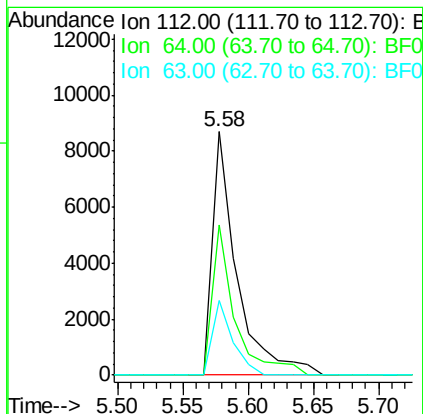
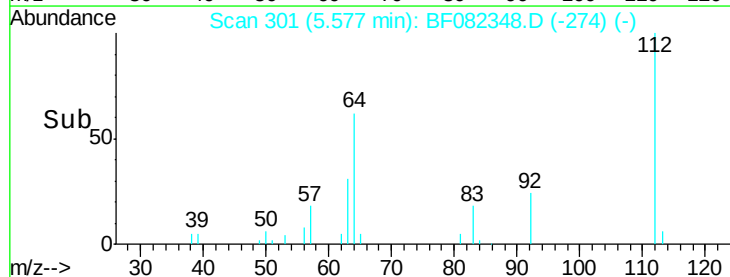
#5

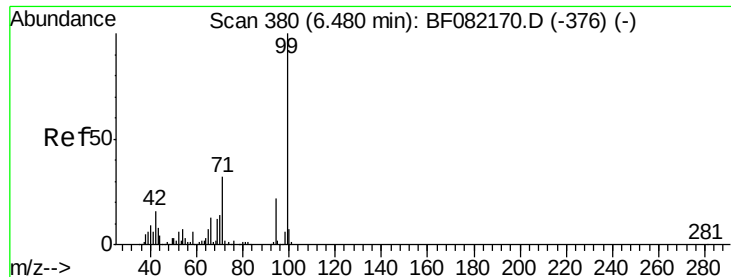
2-Fluorophenol
Concen: 4.22 ng
RT: 5.58 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF082348.D
Acq: 17 Oct 2015 2:59

Tgt Ion:112 Resp: 11438
Ion Ratio Lower Upper
112 100
64 61.9 48.6 73.0
63 30.8 25.1 37.7



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: 4.95 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

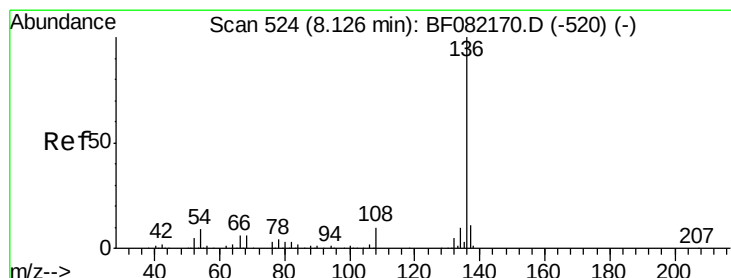
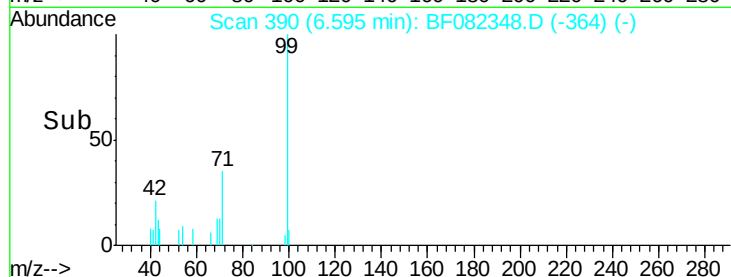
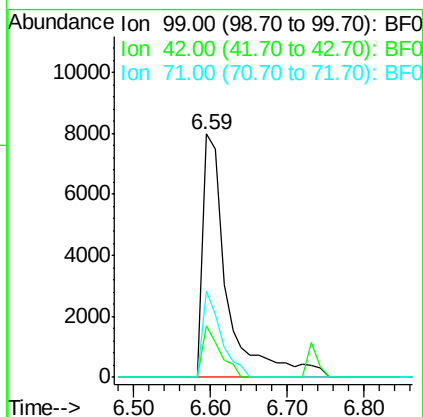
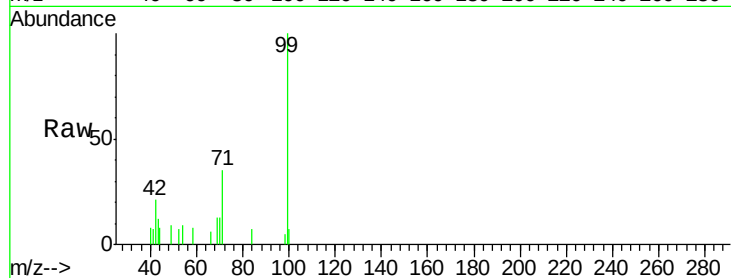
BNA_F

ClientSampled :

CS-13

Tot Ion: 99 Resp: 17454

Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.2	19.8#
71	35.3	25.6	38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 534

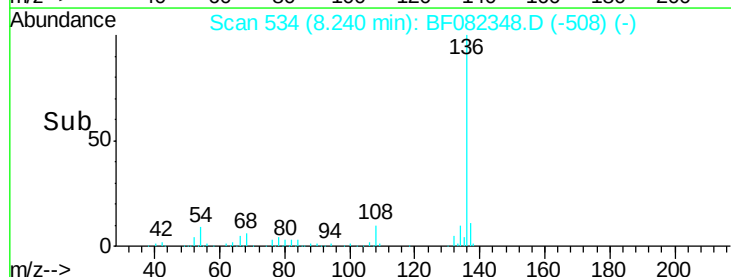
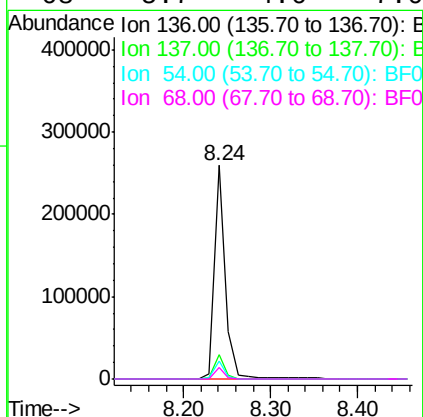
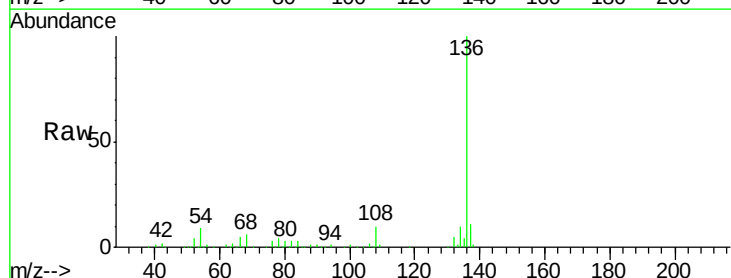
Delta R.T. 0.00 min

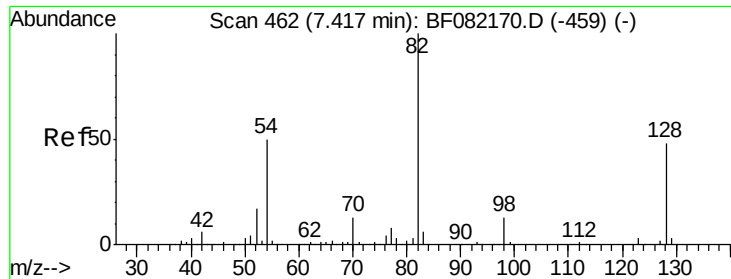
Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Tgt Ion: 136 Resp: 235502

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.7	7.5	11.3
68	5.7	4.6	7.0

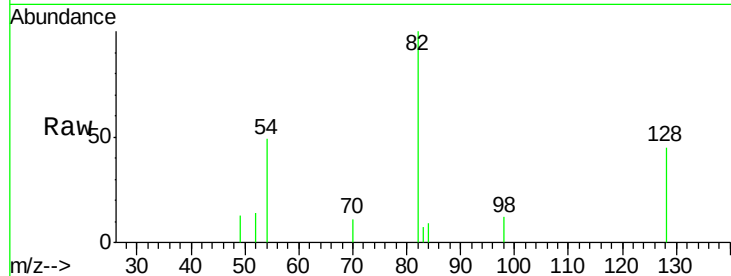




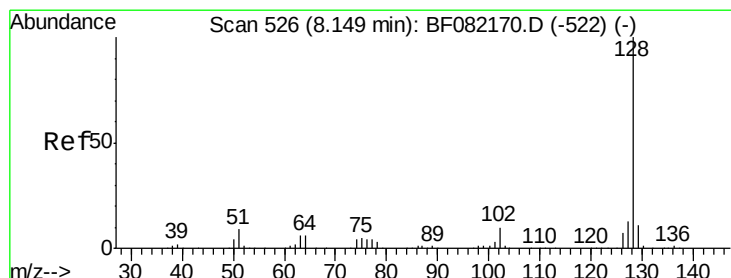
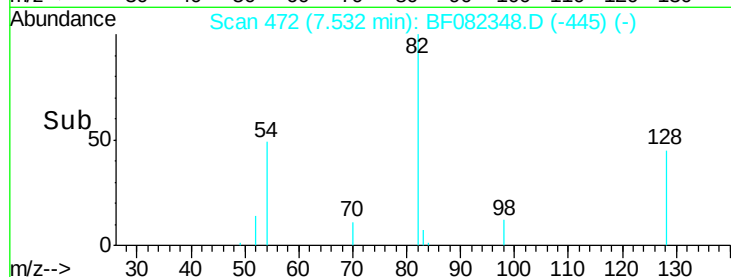
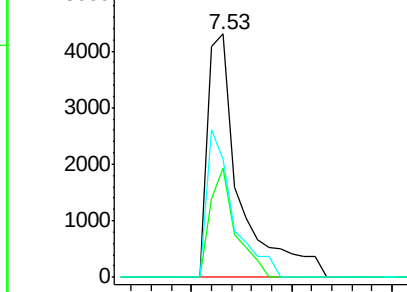
#23
 Nitrobenzene-d5
 Concen: 2.72 ng
 RT: 7.53 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: BF082348.D
 Acq: 17 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampled :
 CS-13

Tot Ion: 82 Resp: 9528
 Ion Ratio Lower Upper
 82 100
 128 44.8 38.7 58.1
 54 48.8 40.1 60.1

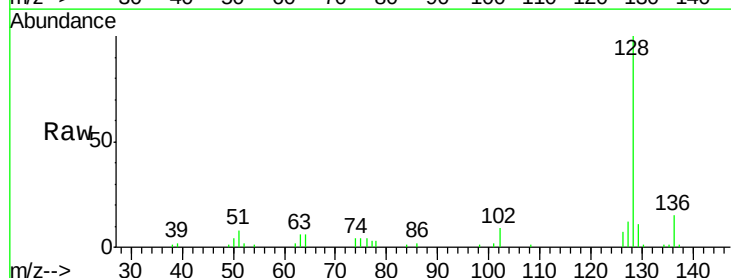


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

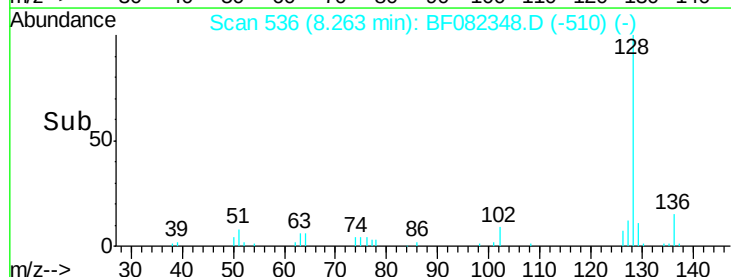
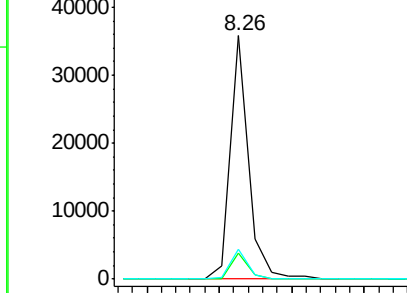


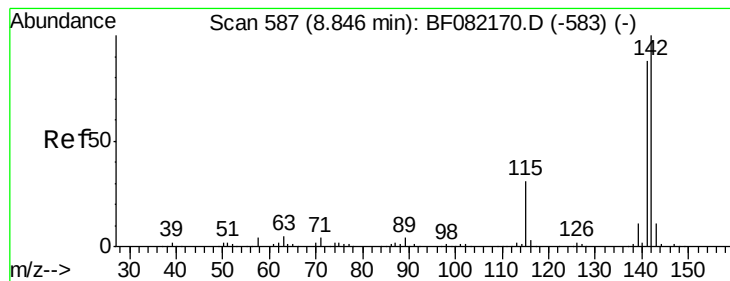
#31
 Naphthalene
 Concen: 3.05 ng
 RT: 8.26 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF082348.D
 Acq: 17 Oct 2015 2:59

Tgt Ion: 128 Resp: 31157
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.1 13.7
 127 12.3 10.7 16.1



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





#37

2-Methylnaphthalene

Concen: 3.09 ng

RT: 8.95 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

CS-13

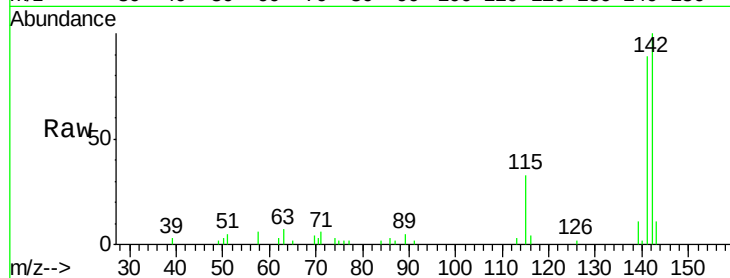
Tot Ion:142 Resp: 21877

Ion Ratio Lower Upper

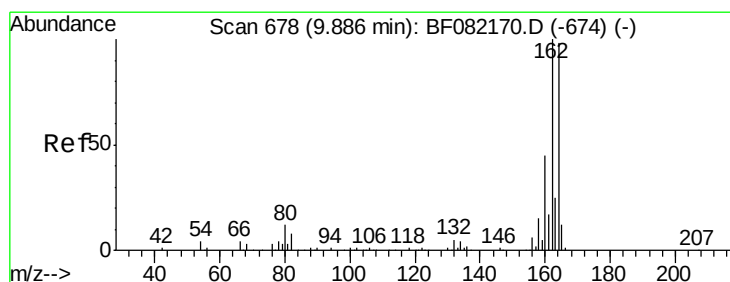
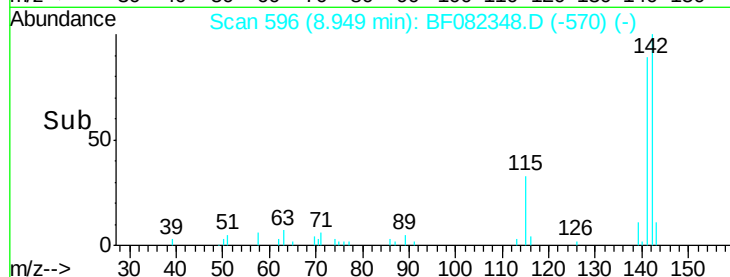
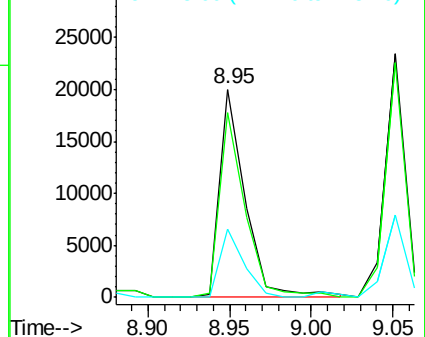
142 100

141 88.9 70.4 105.6

115 33.0 24.6 37.0



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: 9.99 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

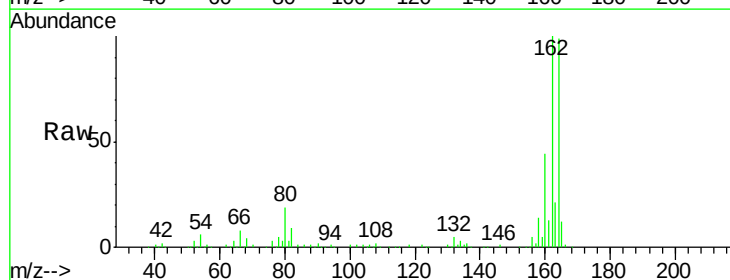
Tgt Ion:164 Resp: 128357

Ion Ratio Lower Upper

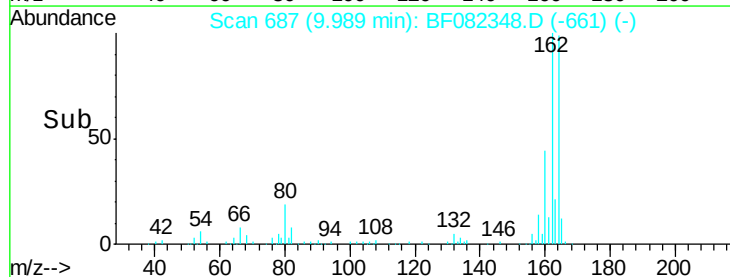
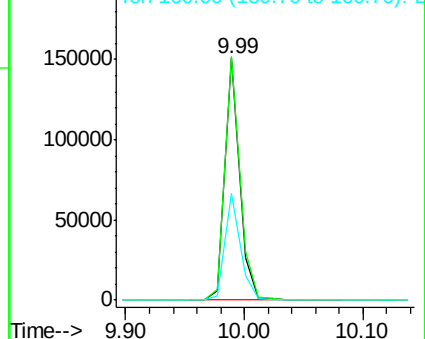
164 100

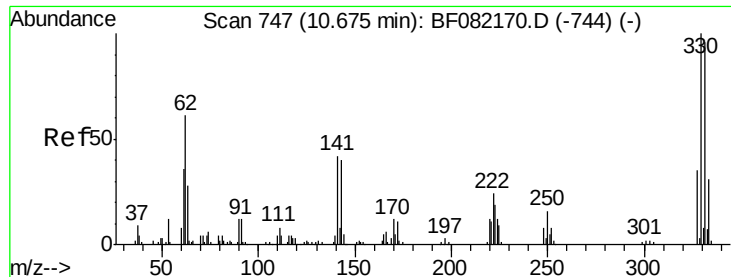
162 100.6 81.6 122.4

160 44.3 36.4 54.6



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

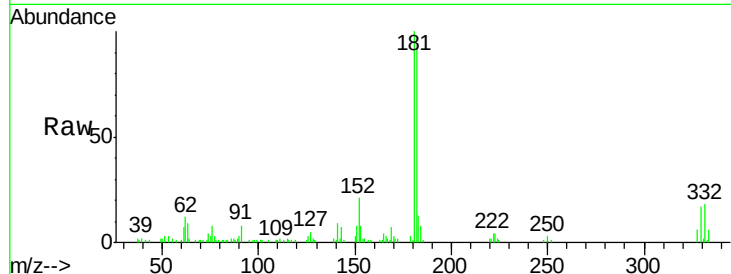




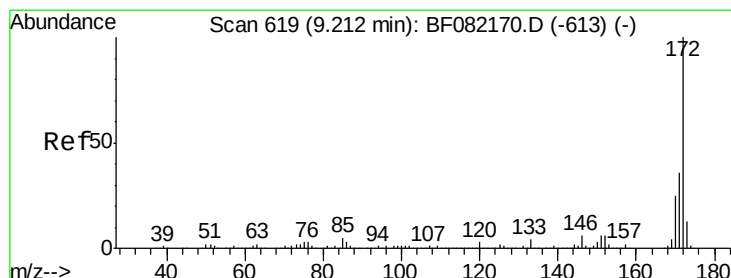
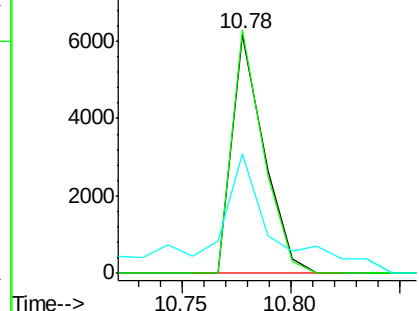
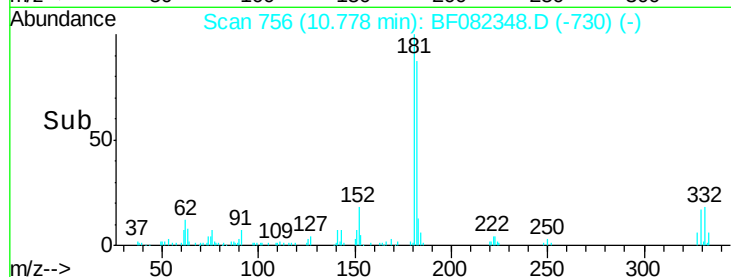
#41
 2,4,6-Tribromophenol
 Concen: 5.25 ng
 RT: 10.78 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF082348.D
 Acq: 17 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 CS-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.1	115.7
141	87.9	29.8	44.8

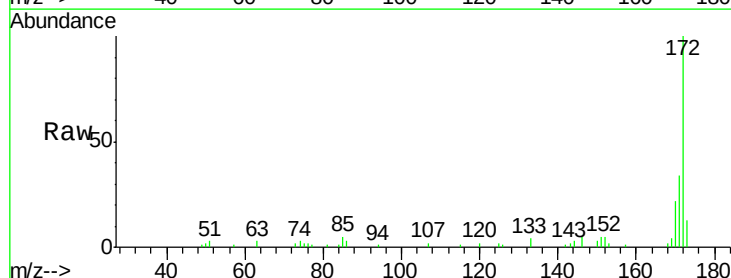


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

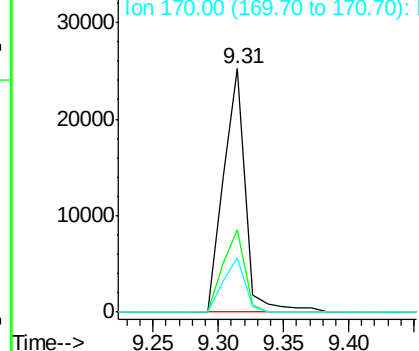
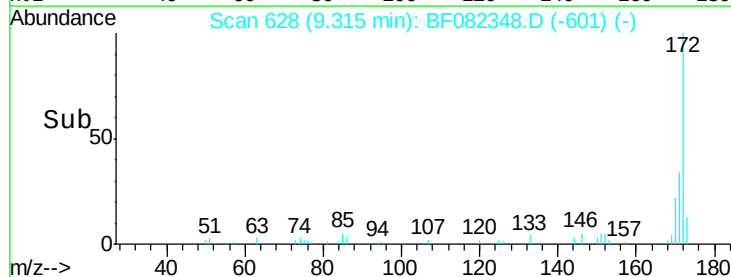


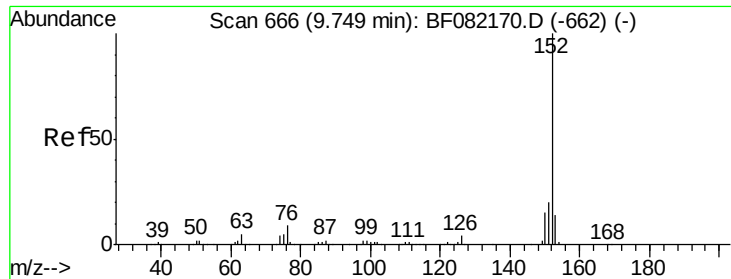
#44
 2-Fluorobiphenyl
 Concen: 3.84 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF082348.D
 Acq: 17 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	42.8
170	22.3	19.7	29.5



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





#48

Acenaphthylene

Concen: 15.69 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

CS-13

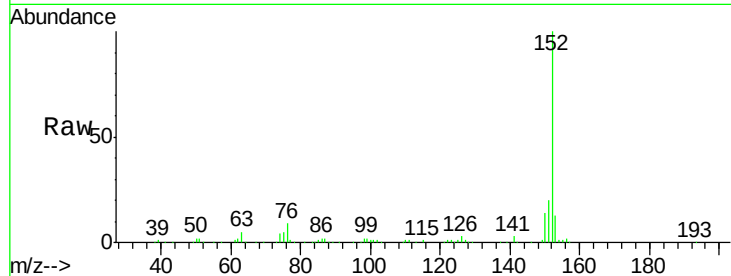
Tot Ion:152 Resp: 188383

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

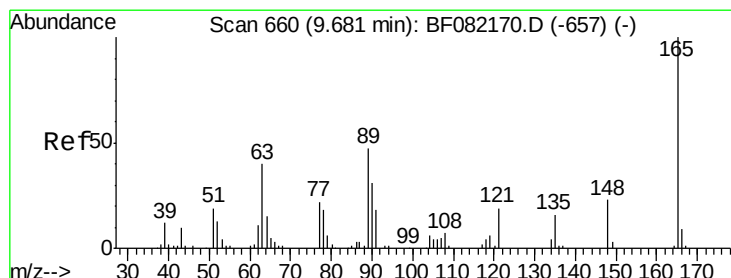
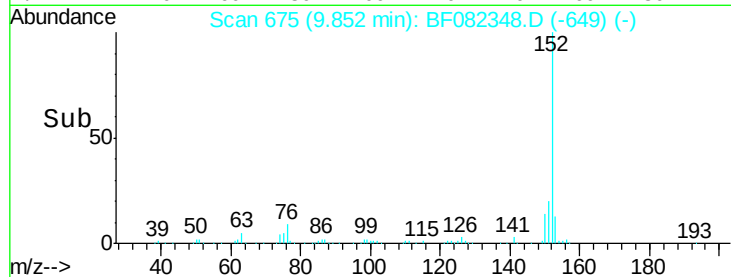
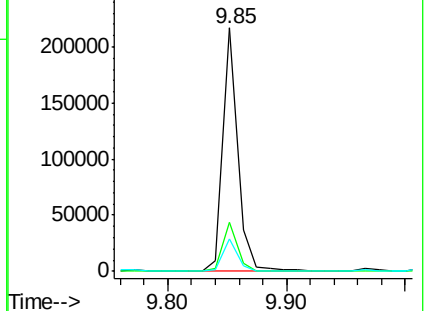
153 13.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 9.29 ng

RT: 9.99 min Scan# 687

Delta R.T. 0.22 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

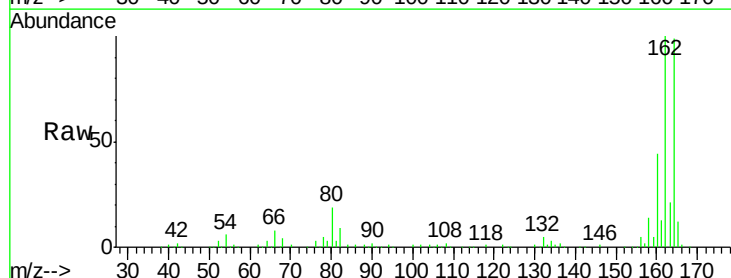
Tgt Ion:165 Resp: 17722

Ion Ratio Lower Upper

165 100

63 1.9 36.7 55.1#

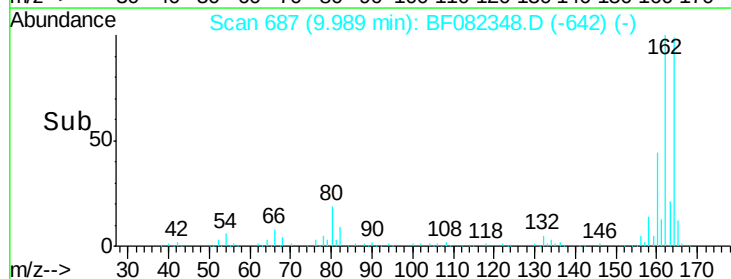
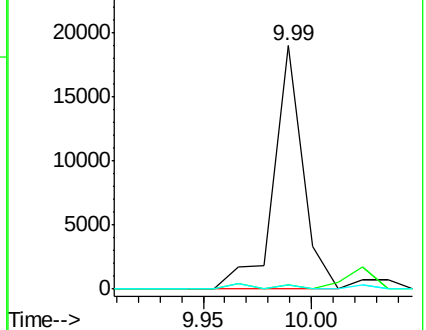
89 1.9 37.8 56.6#

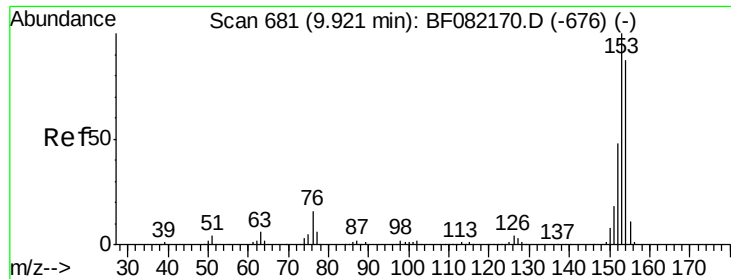


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.18 ng

RT: 10.02 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

CS-13

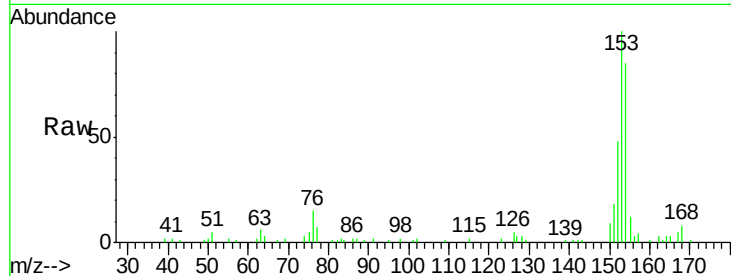
Tot Ion:154 Resp: 22926

Ion Ratio Lower Upper

154 100

153 117.9 91.4 137.2

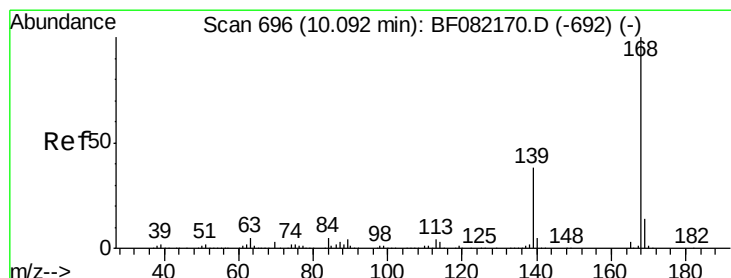
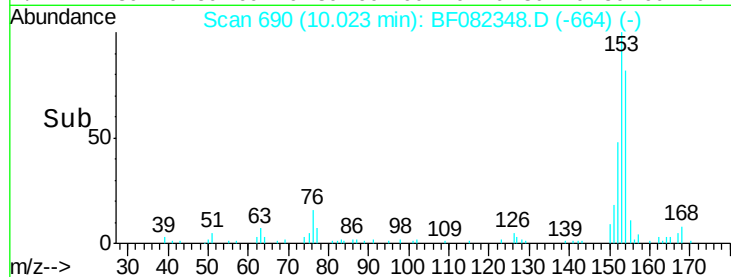
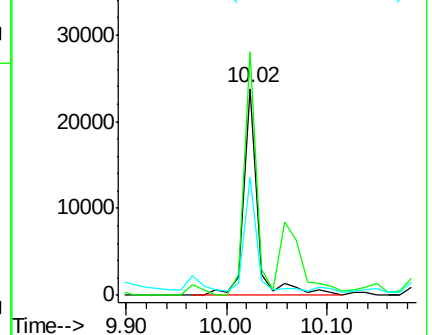
152 57.2 44.3 66.5



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: 9.45 ng

RT: 10.19 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

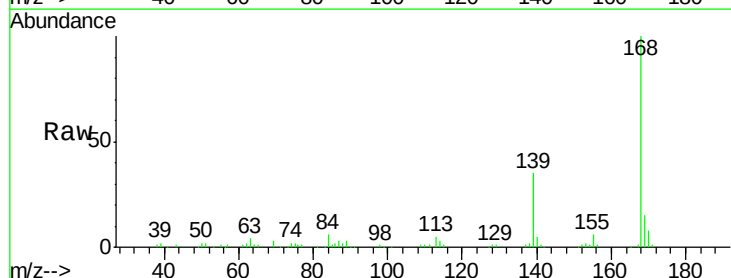
Tgt Ion:168 Resp: 93476

Ion Ratio Lower Upper

168 100

139 35.5 31.0 46.6

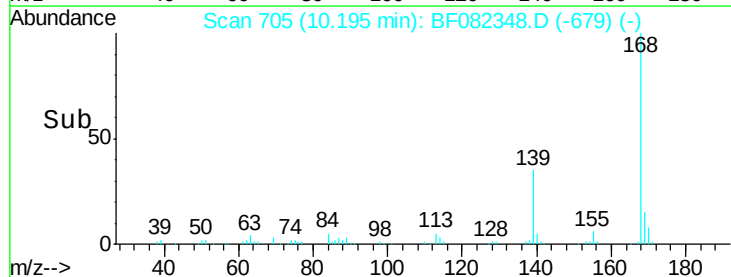
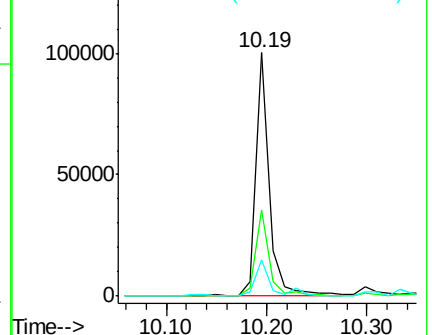
169 14.8 10.9 16.3

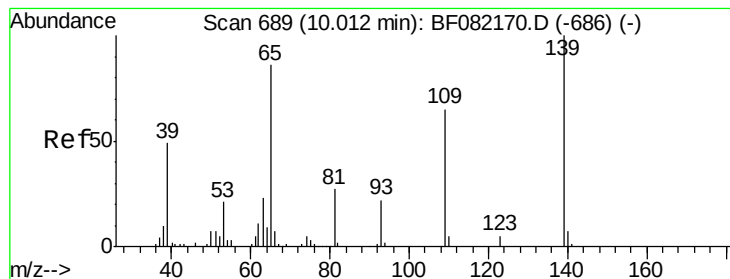


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 30.11 ng

RT: 10.19 min Scan# 705

Delta R.T. 0.08 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

CS-13

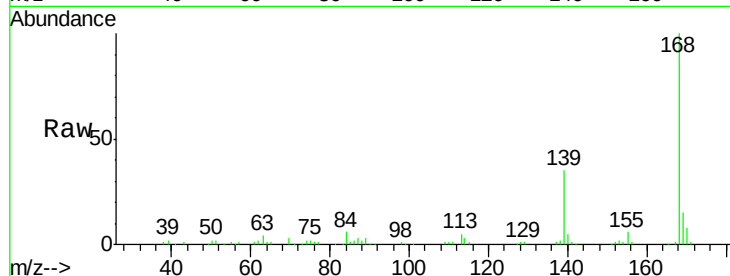
Tot Ion:139 Resp: 34033

Ion Ratio Lower Upper

139 100

109 1.4 44.8 84.8#

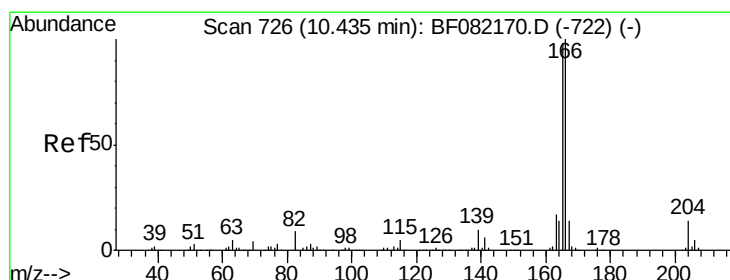
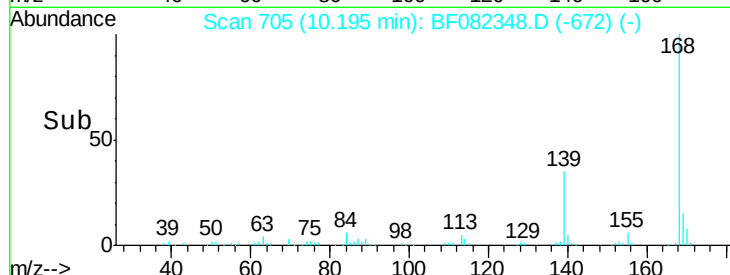
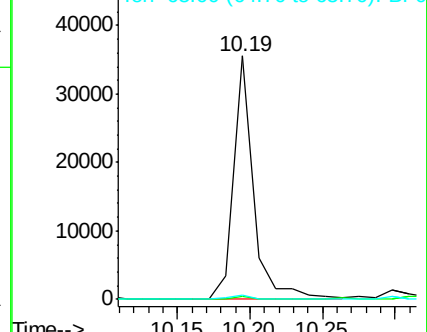
65 1.6 67.7 107.7#



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: 11.27 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

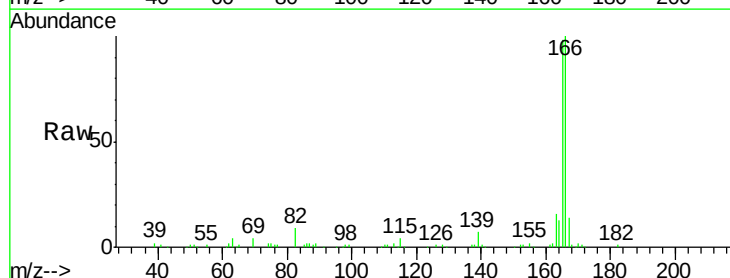
Tgt Ion:166 Resp: 91602

Ion Ratio Lower Upper

166 100

165 97.6 78.3 117.5

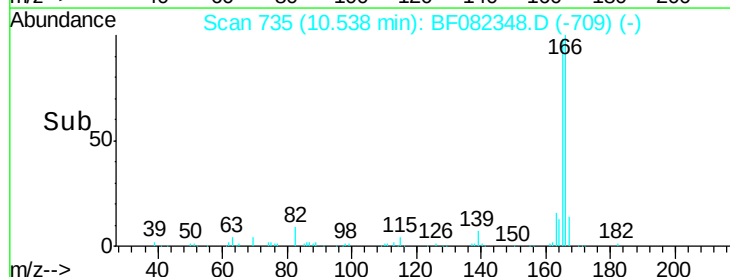
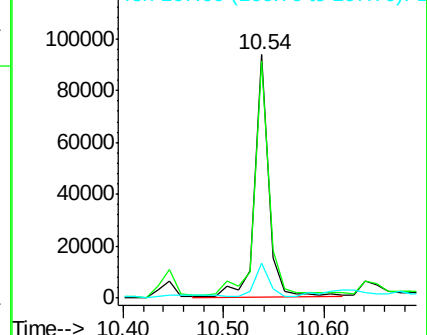
167 14.2 10.8 16.2

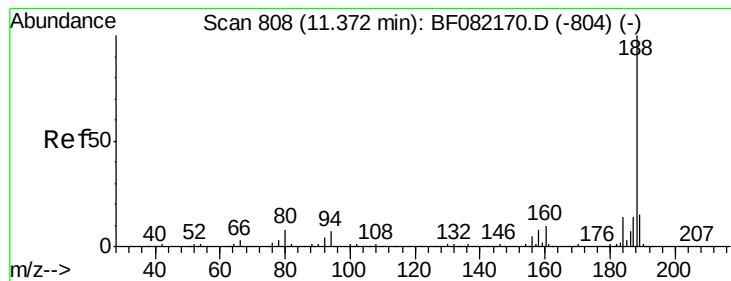


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.47 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampled :

CS-13

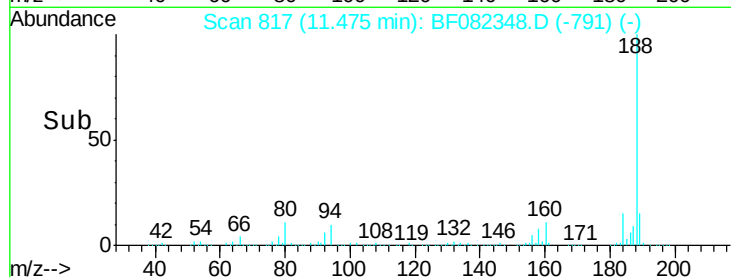
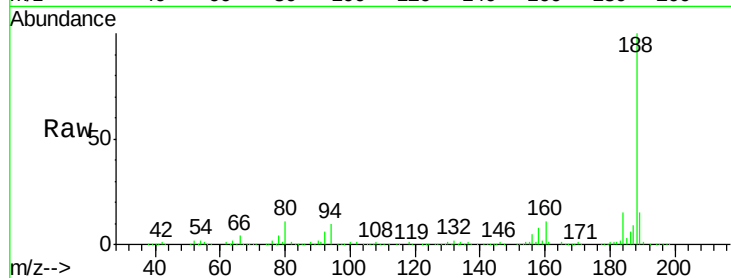
Tot Ion:188 Resp: 247190

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.6#

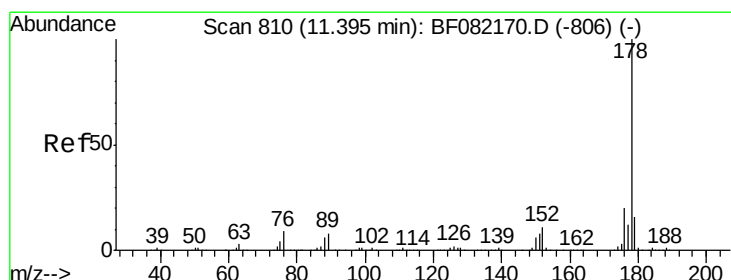
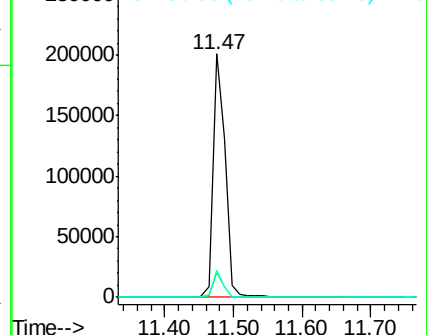
80 11.4 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 123.91 ng

RT: 11.51 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

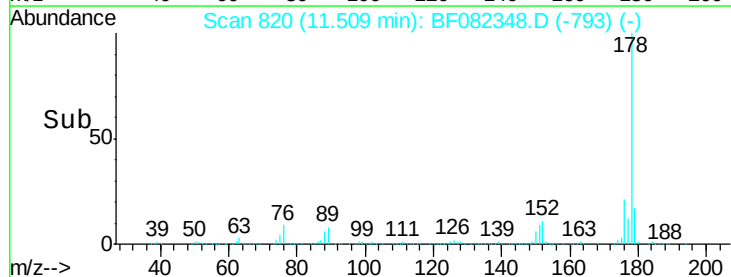
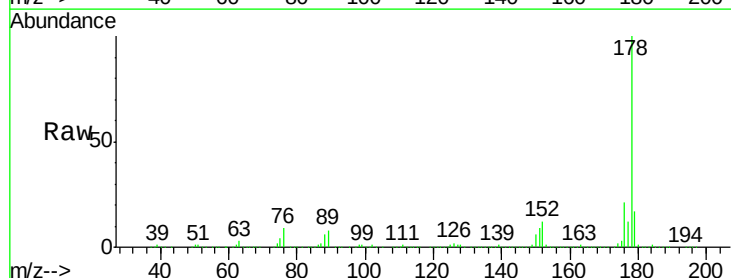
Tgt Ion:178 Resp: 1501341

Ion Ratio Lower Upper

178 100

176 21.1 16.0 24.0

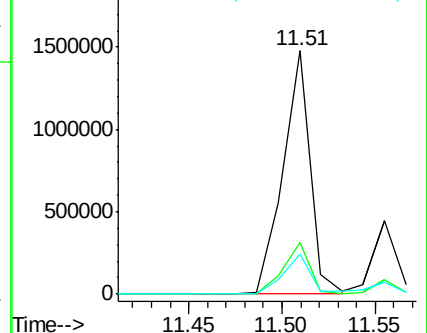
179 16.5 12.6 19.0

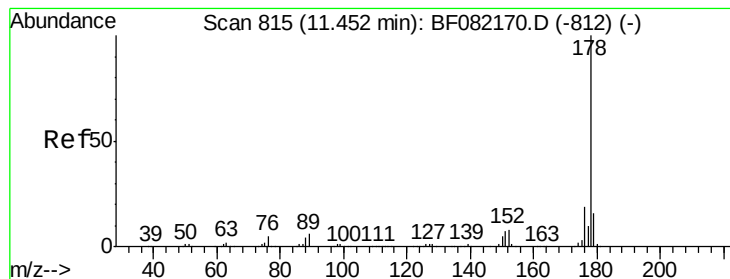


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 32.42 ng

RT: 11.56 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

CS-13

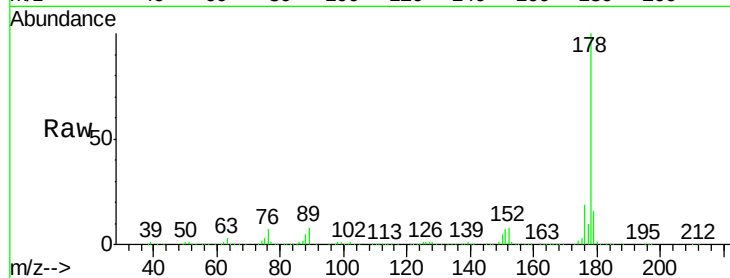
Tot Ion:178 Resp: 404814

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

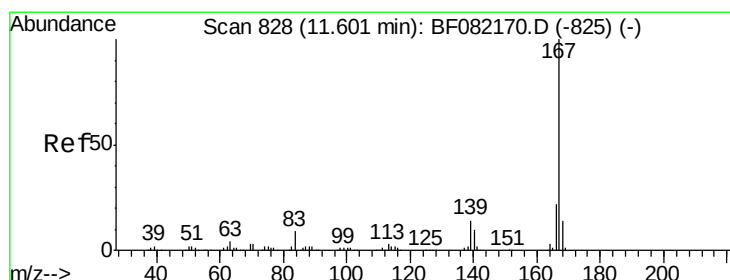
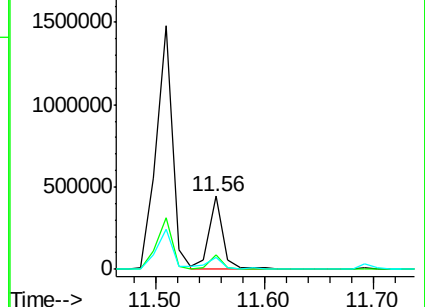
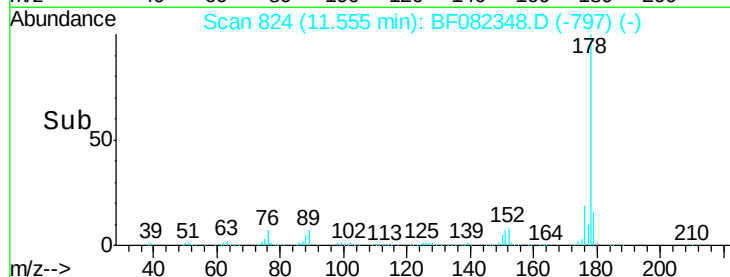
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 20.95 ng

RT: 11.72 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

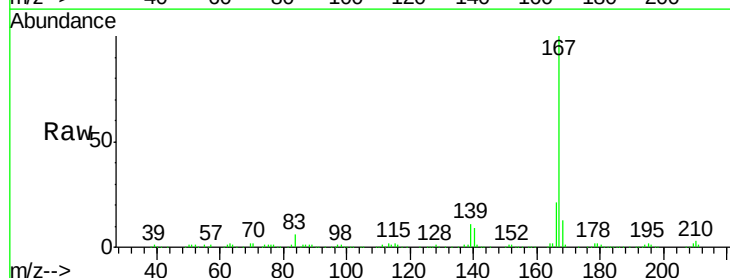
Tgt Ion:167 Resp: 238631

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

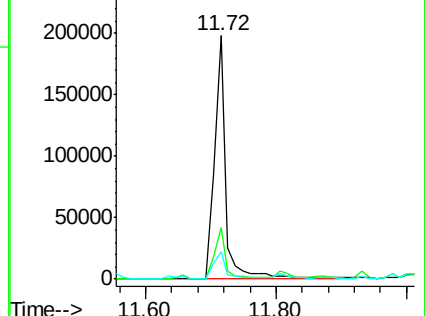
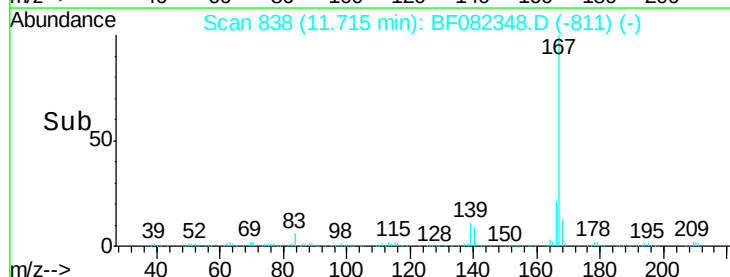
139 11.4 11.2 16.8

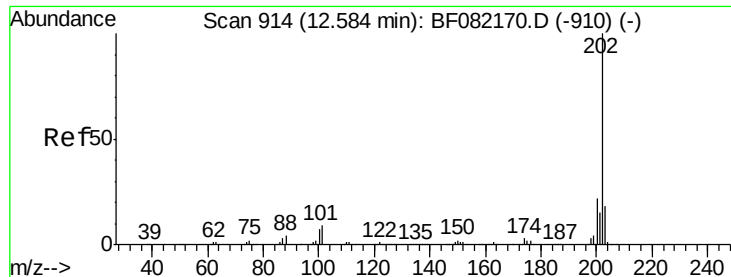


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 110.14 ng

RT: 12.70 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

CS-13

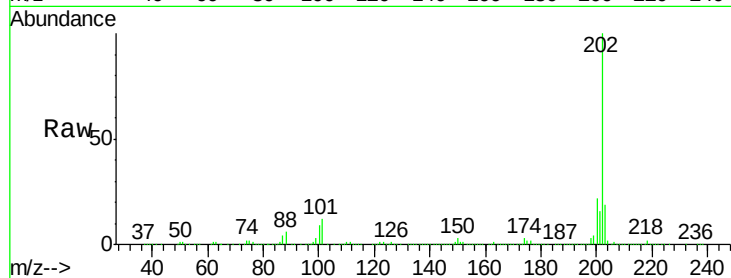
Tot Ion:202 Resp: 1433237

Ion Ratio Lower Upper

202 100

101 12.0 0.0 29.3

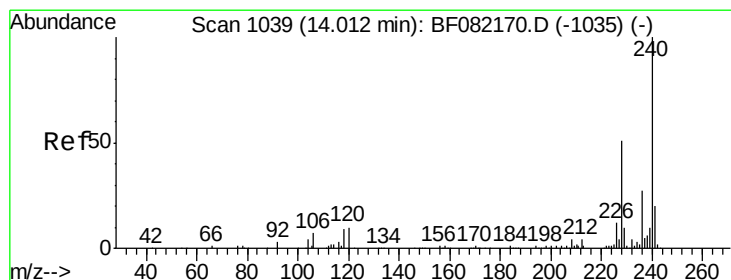
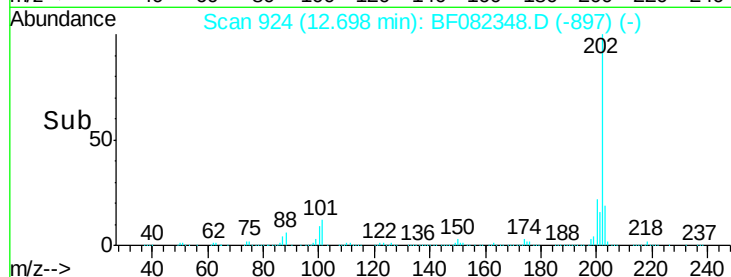
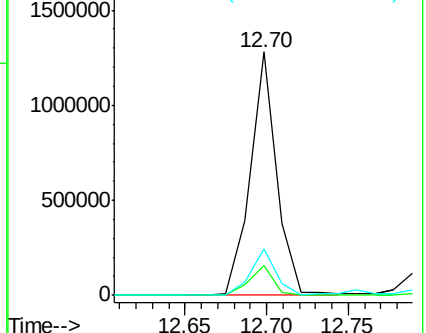
203 19.2 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

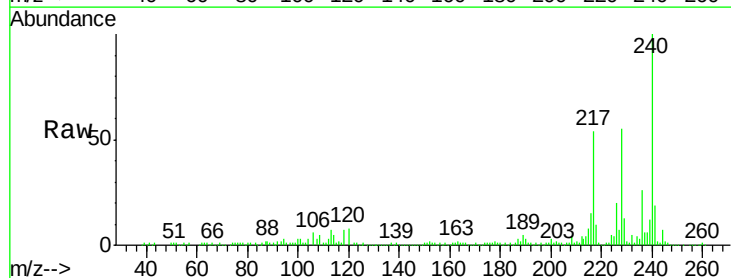
Tgt Ion:240 Resp: 217795

Ion Ratio Lower Upper

240 100

120 7.9 8.1 12.1#

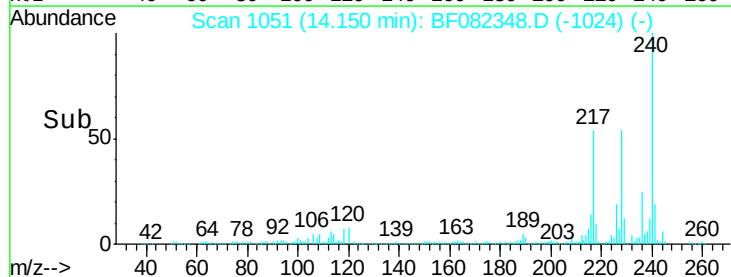
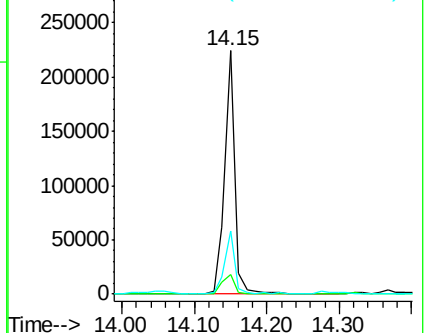
236 26.0 21.3 31.9

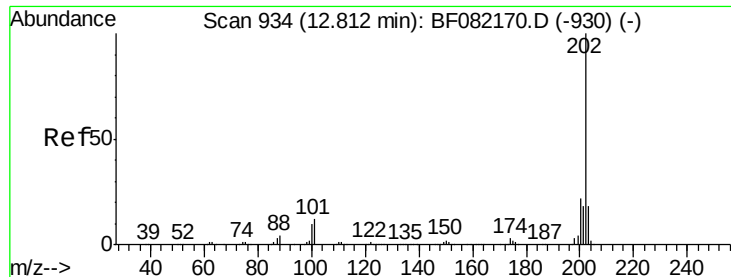


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 84.93 ng

RT: 12.93 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampled :

CS-13

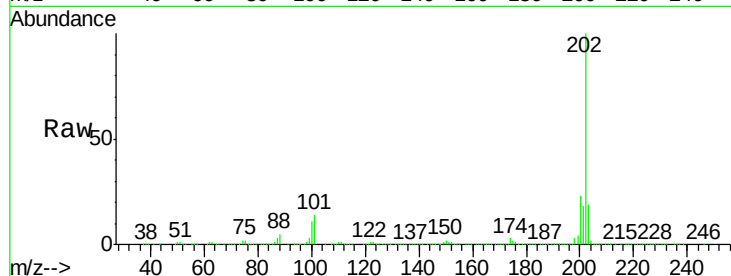
Tot Ion:202 Resp: 1097783

Ion Ratio Lower Upper

202 100

200 22.9 17.9 26.9

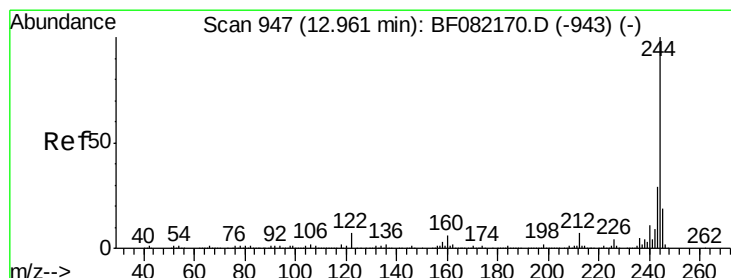
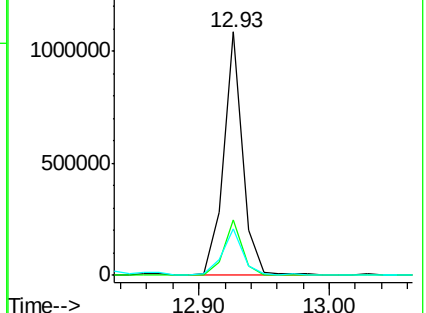
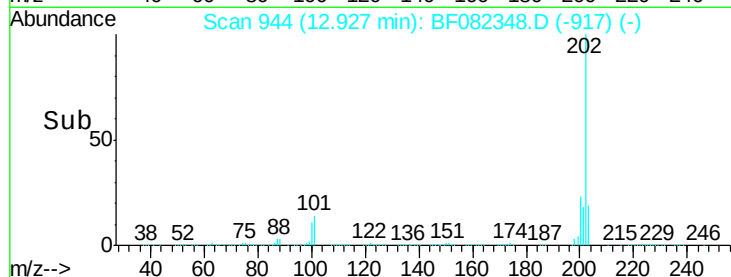
203 19.0 14.5 21.7



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: 4.44 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

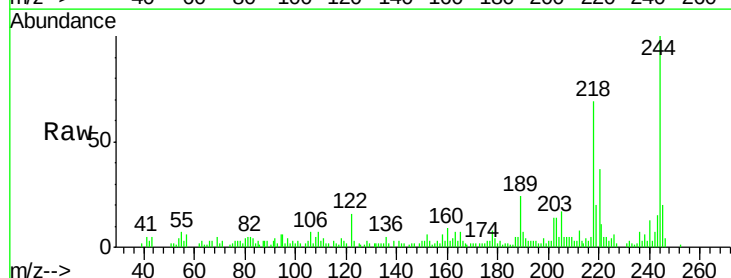
Tgt Ion:244 Resp: 36455

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

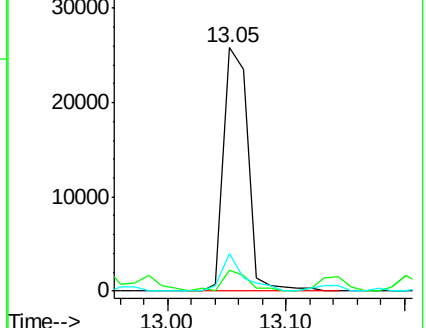
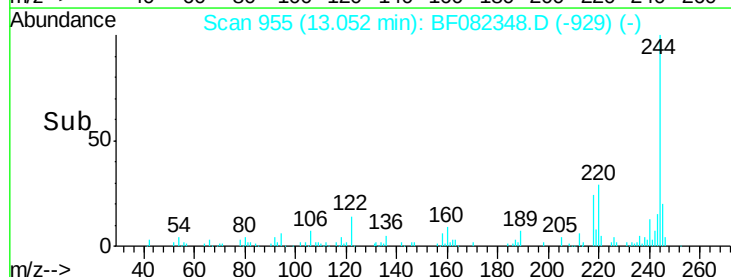
122 15.6 5.9 8.9#

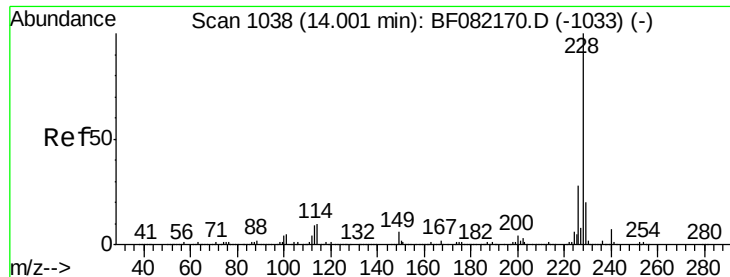


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 71.94 ng

RT: 14.14 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

CS-13

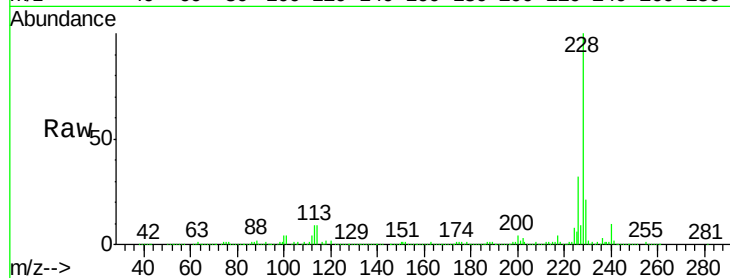
Tot Ion:228 Resp: 815264

Ion Ratio Lower Upper

228 100

226 32.1 22.3 33.5

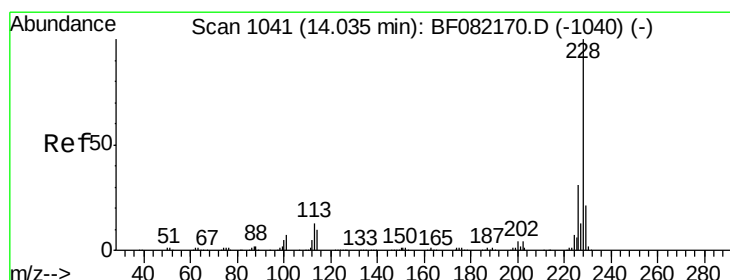
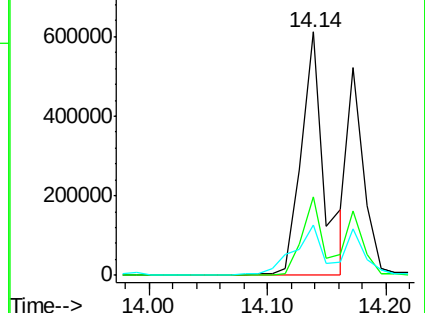
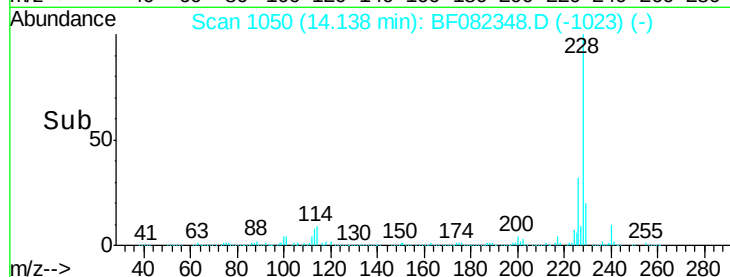
229 20.9 16.2 24.2



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: 41.34 ng

RT: 14.17 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

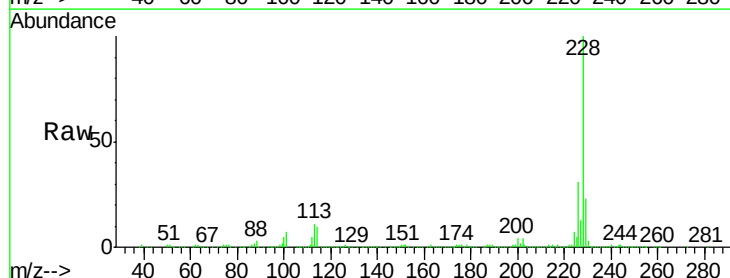
Tgt Ion:228 Resp: 493611

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

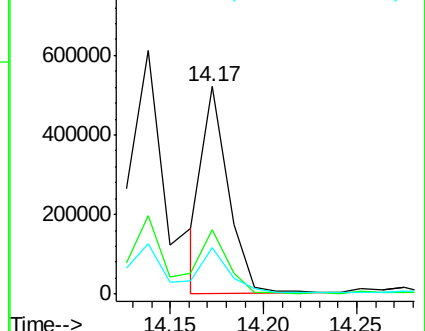
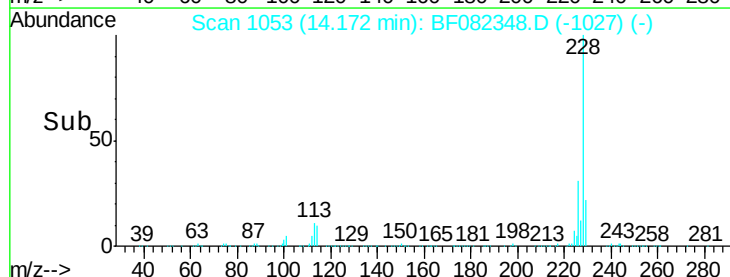
229 22.7 16.3 24.5

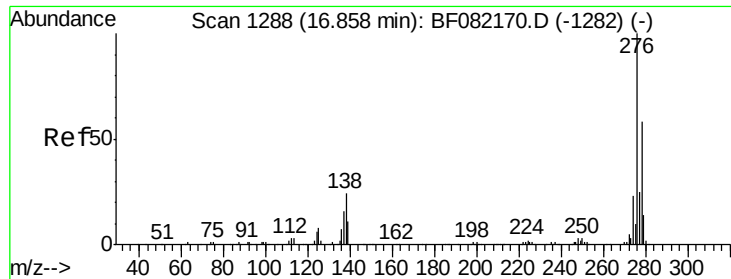


Abundance Ion 228.00 (227.70 to 228.70): E

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: 27.06 ng

RT: 17.19 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

CS-13

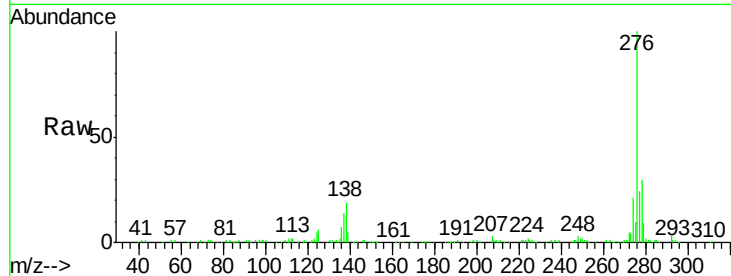
Tot Ion:276 Resp: 256806

Ion Ratio Lower Upper

276 100

138 21.6 19.7 29.5

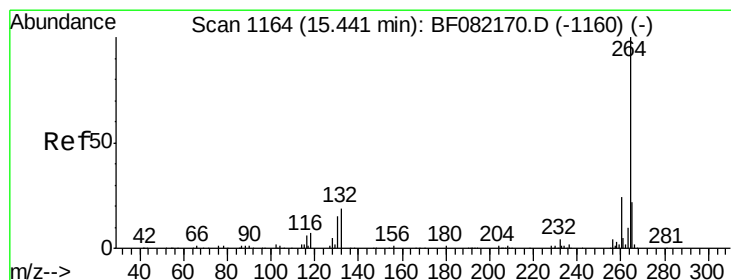
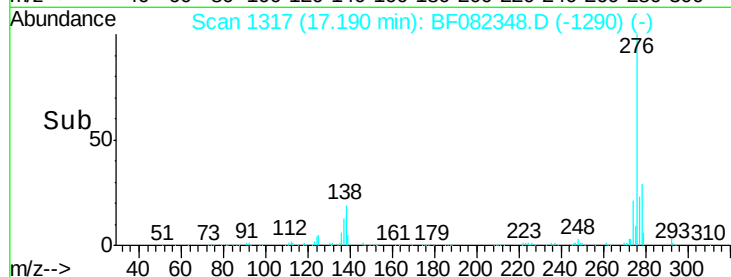
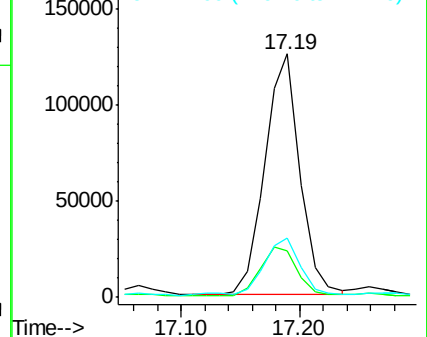
277 25.1 20.1 30.1



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: 15.68 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

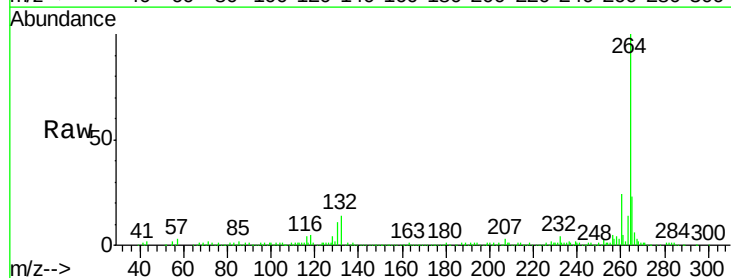
Tgt Ion:264 Resp: 214762

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

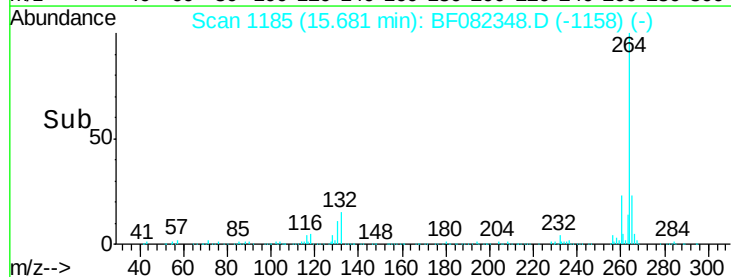
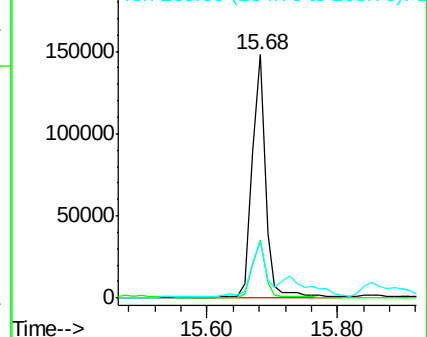
265 23.3 17.3 25.9

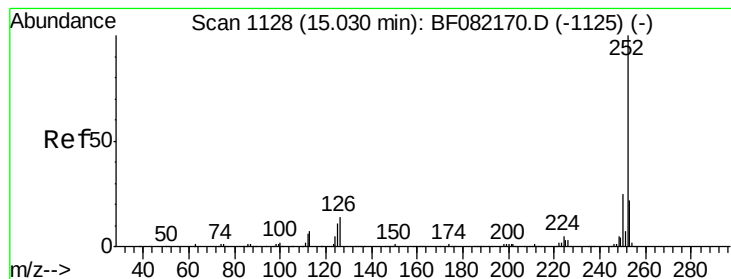


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 72.37 ng

RT: 15.25 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

CS-13

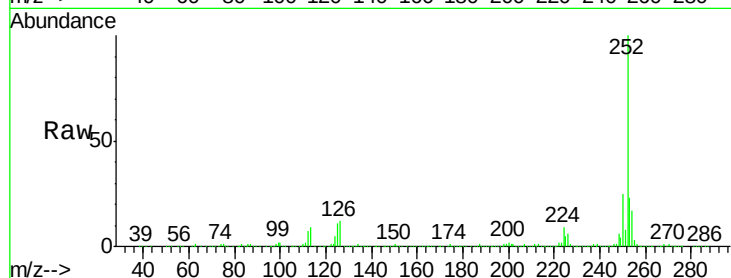
Tot Ion:252 Resp: 945578

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

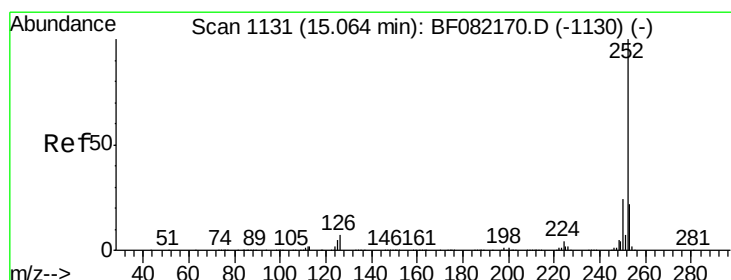
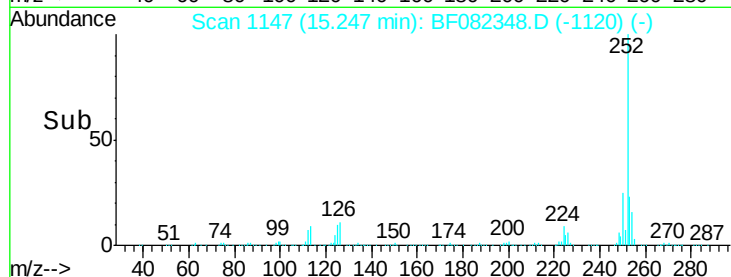
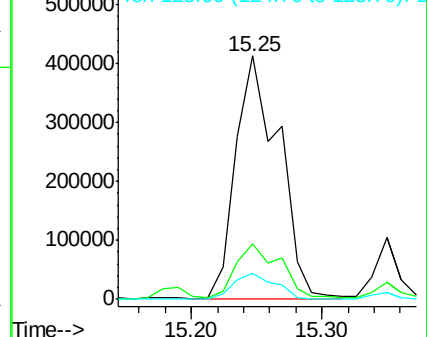
125 10.6 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 86.10 ng

RT: 15.25 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

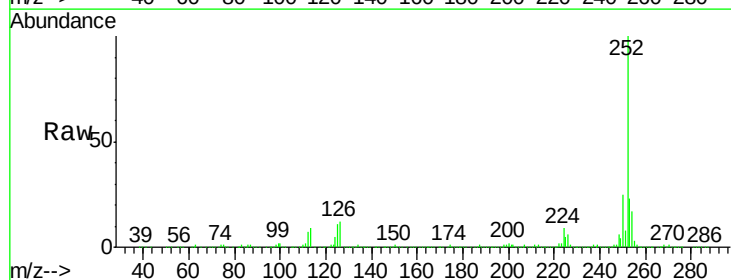
Tgt Ion:252 Resp: 945578

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

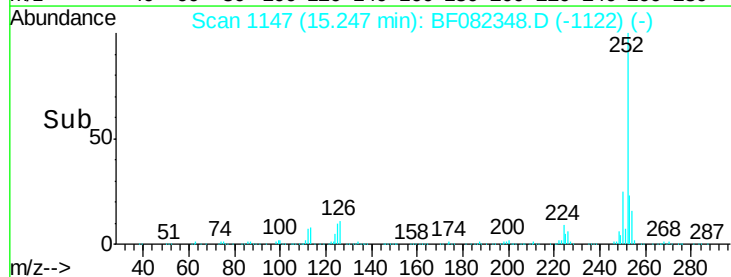
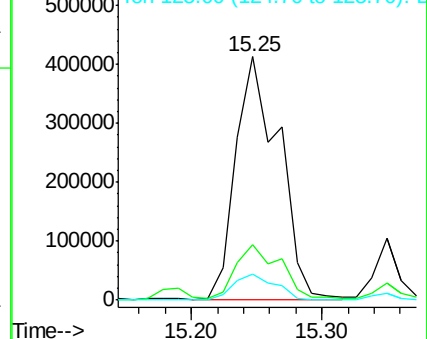
125 10.6 6.7 10.1#

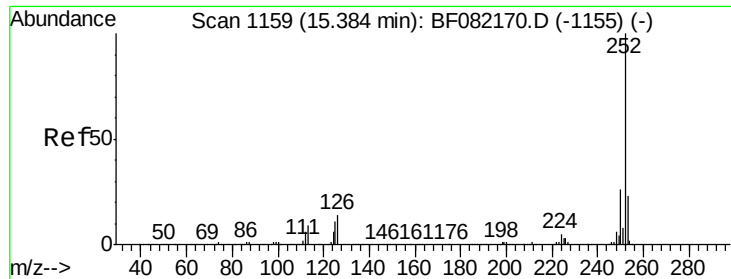


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.69 ng

RT: 15.61 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

CS-13

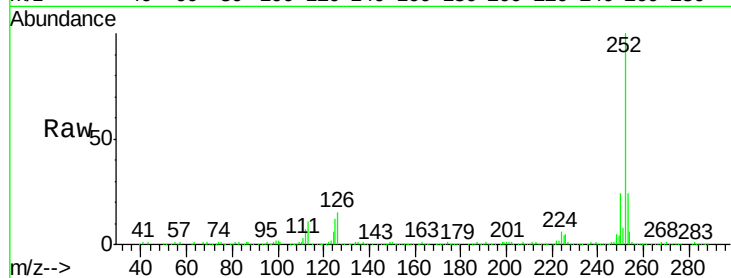
Tot Ion:252 Resp: 434425

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

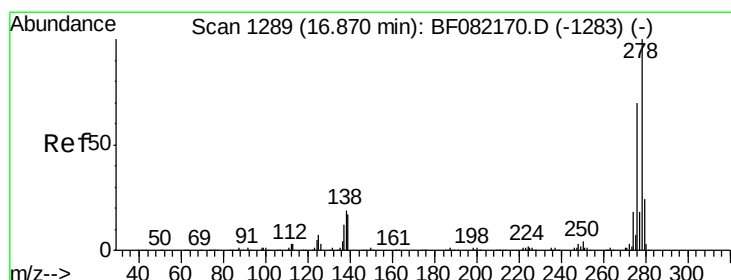
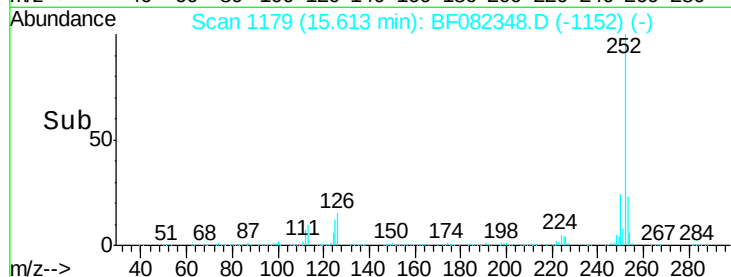
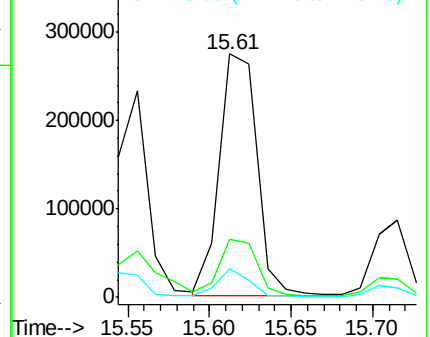
125 11.8 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 6.70 ng

RT: 17.36 min Scan# 1332

Delta R.T. 0.17 min

Lab File: BF082348.D

Acq: 17 Oct 2015 2:59

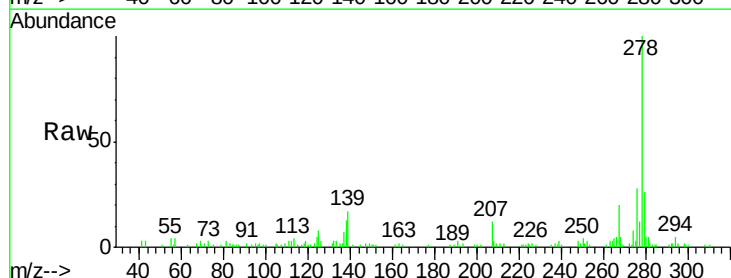
Tgt Ion:278 Resp: 61609

Ion Ratio Lower Upper

278 100

139 17.0 13.3 19.9

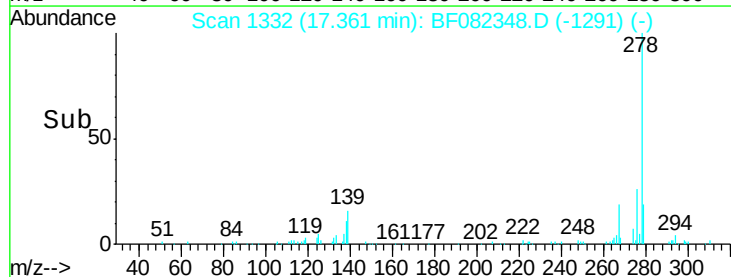
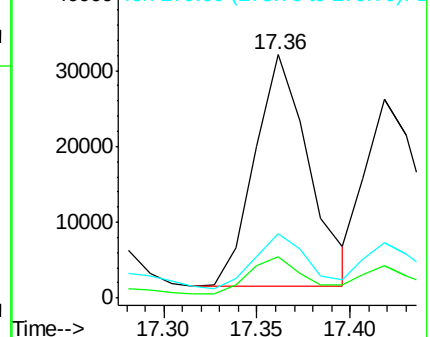
279 26.5 18.9 28.3

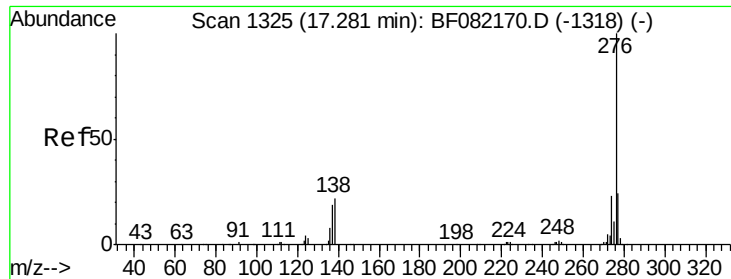


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 23.96 ng
 RT: 17.64 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF082348.D
 Acq: 17 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 CS-13

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	22.8	17.4	26.2

