

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088799.D
 Acq On : 8 Jul 2016 1:03
 Operator : UM/SJ
 Sample : H3889-02 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Quant Time: Jul 08 01:45:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	51754	20.00	ng	0.13
21) Naphthalene-d8	8.02	136	336004	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	150592	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	244989	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	168511	20.00	ng	-0.02
86) Perylene-d12	15.29	264	169643	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	116774	33.82	ng	-0.05
7) Phenol-d6	6.38	99	154094	34.53	ng	-0.03
23) Nitrobenzene-d5	7.30	82	97641	15.23	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	25816	18.46	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	158983	16.68	ng	-0.03
78) Terphenyl-d14	12.85	244	100720	13.31	ng	-0.02

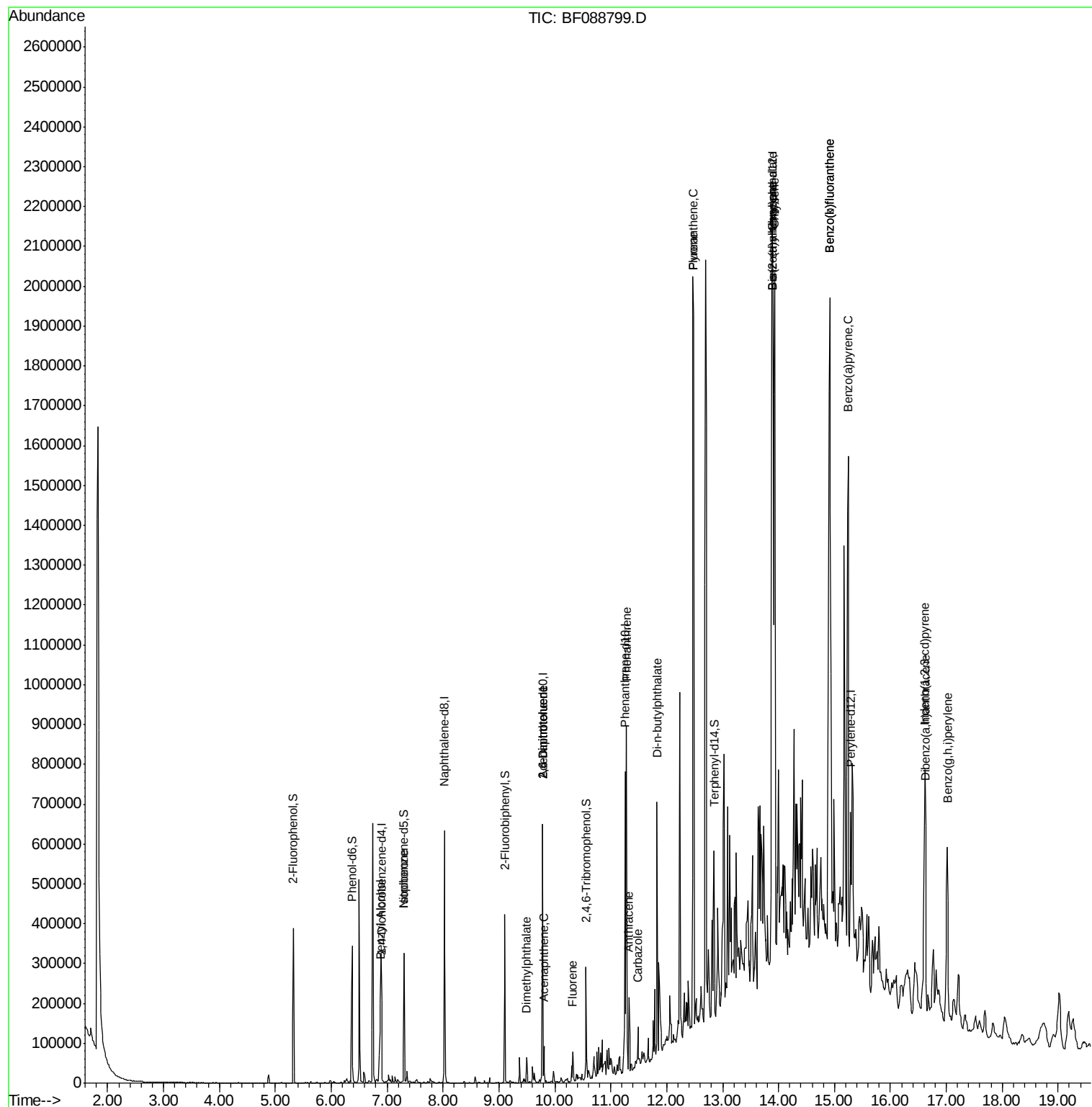
Target Compounds				Qvalue		
15) Benzyl Alcohol	6.88	79	47865	14.58	ng	90
25) Isophorone	7.30	82	84609	7.12	ng	# 65
49) Dimethylphthalate	9.50	163	24975	2.33	ng	99
50) 2,6-Dinitrotoluene	9.78	165	19103	8.03	ng	# 40
51) Acenaphthene	9.80	154	19802	2.07	ng	98
56) 2,4-Dinitrotoluene	9.78	165	19103	6.14	ng	# 39
57) Fluorene	10.32	166	19812	2.06	ng	95
70) Phenanthrene	11.28	178	284159	21.22	ng	99
71) Anthracene	11.32	178	86162	6.47	ng	98
72) Carbazole	11.48	167	33546	2.68	ng	100
73) Di-n-butylphthalate	11.83	149	288237	19.77	ng	99
74) Fluoranthene	12.48	202	1204649	88.73	ng	93
77) Pyrene	12.48	202	1204649	84.31	ng	99
80) Benzo(a)anthracene	13.89	228	1073684	98.95	ng	96
82) Chrysene	13.93	228	817541	76.15	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	52748	7.25	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.62	276	383077	46.38	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1442467	135.55	ng	# 96
88) Benzo(k)fluoranthene	14.91	252	1440438	155.48	ng	98
89) Benzo(a)pyrene	15.25	252	737067	81.80	ng	# 93
90) Dibenzo(a,h)anthracene	16.63	278	156938	20.86	ng	92
91) Benzo(g,h,i)perylene	17.02	276	361091	46.38	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: 6.90 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

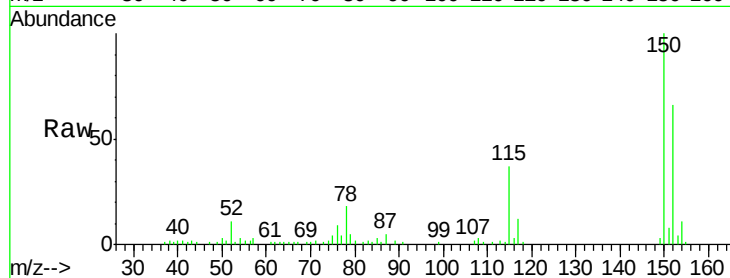
Tgt Ion:152 Resp: 51754

Ion Ratio Lower Upper

152 100

150 152.6 123.8 185.6

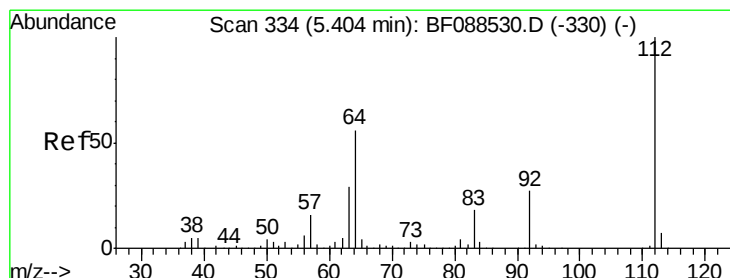
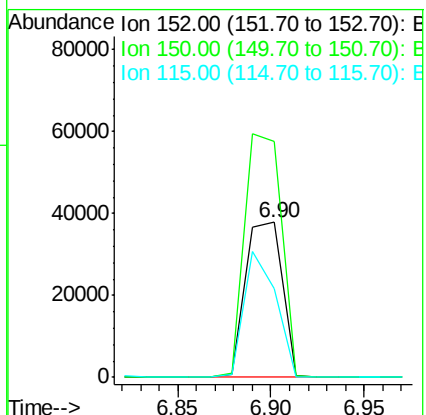
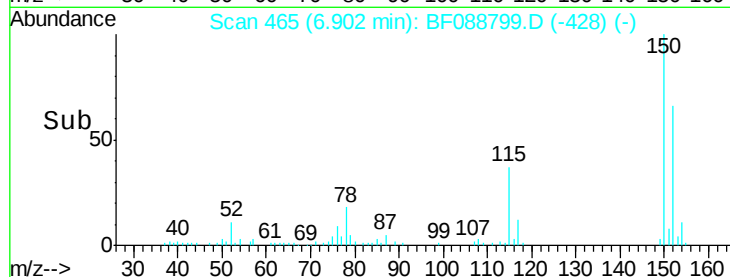
115 57.0 39.6 59.4



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: 33.82 ng

RT: 5.32 min Scan# 327

Delta R.T. -0.05 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

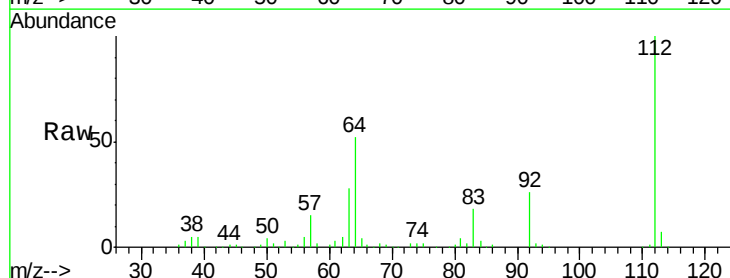
Tgt Ion:112 Resp: 116774

Ion Ratio Lower Upper

112 100

64 52.2 42.2 63.2

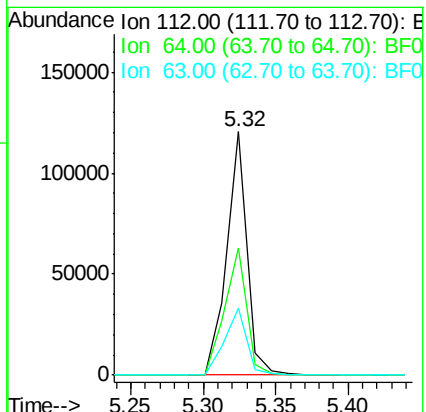
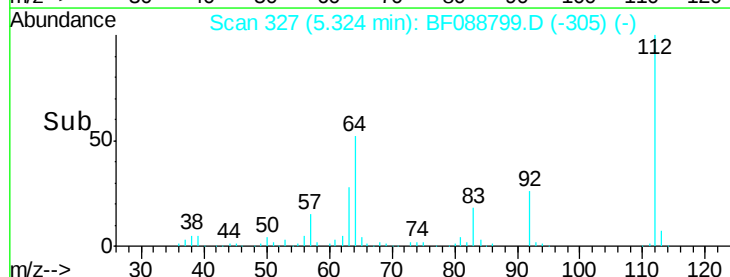
63 27.6 21.8 32.8



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: 34.53 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

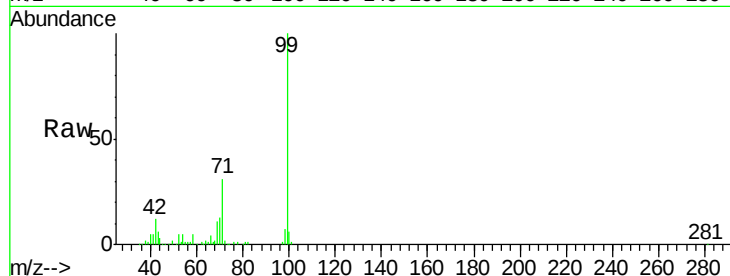
Tgt Ion: 99 Resp: 154094

Ion Ratio Lower Upper

99 100

42 12.3 12.2 18.2

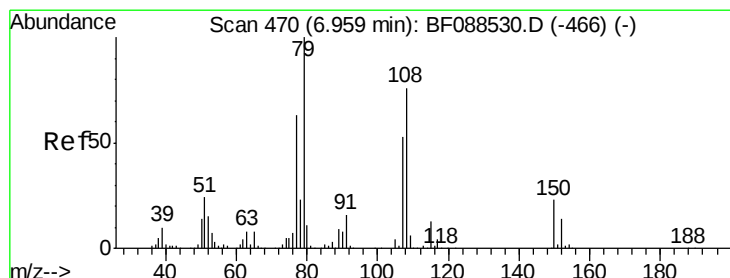
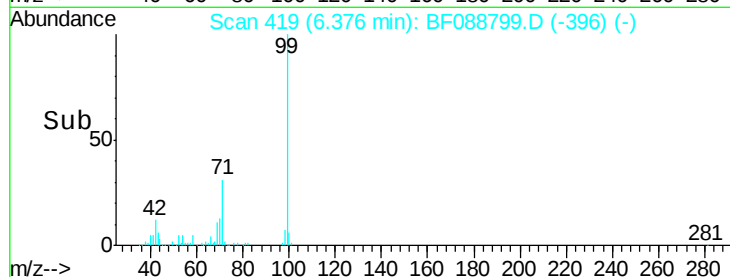
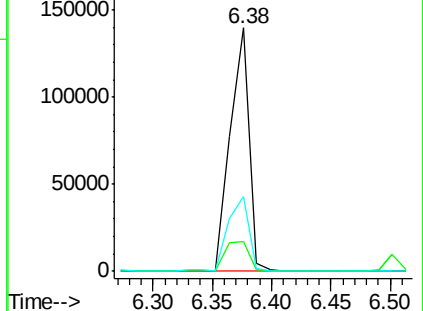
71 30.5 23.4 35.0



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



#15

Benzyl Alcohol

Concen: 14.58 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

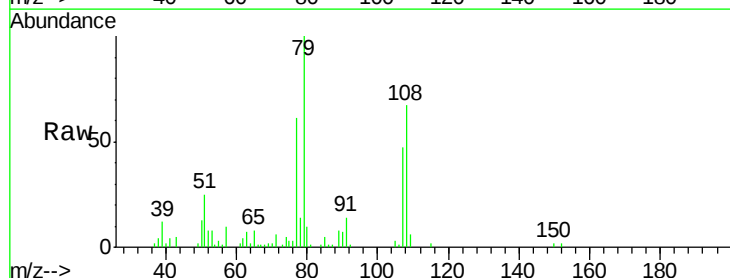
Tgt Ion: 79 Resp: 47865

Ion Ratio Lower Upper

79 100

108 66.6 65.0 97.6

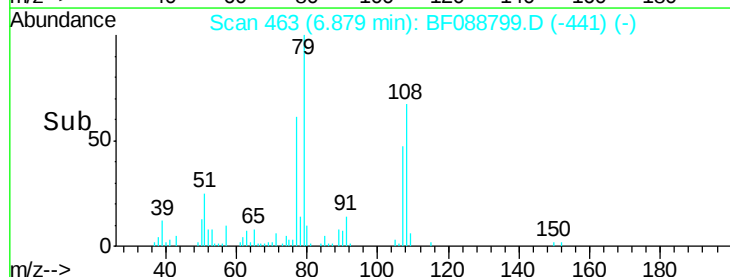
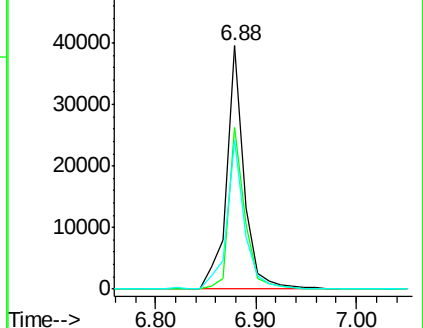
77 61.1 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

Tgt Ion:136 Resp: 336004

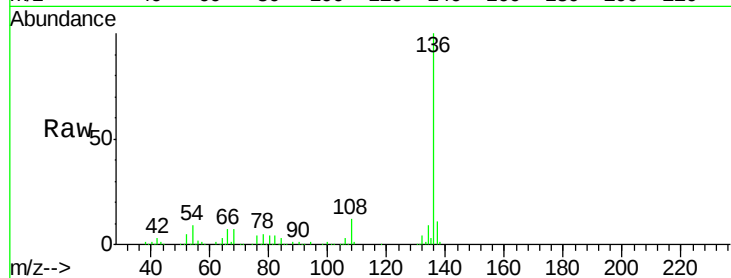
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.2 6.6 10.0

68 7.2 5.1 7.7

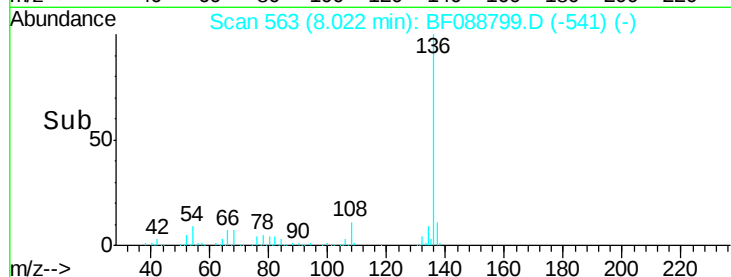


Abundance Ion 136.00 (135.70 to 136.70): E

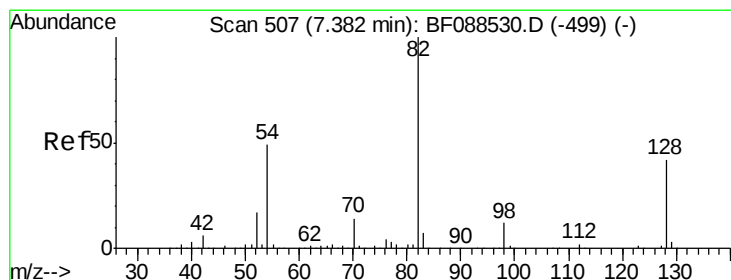
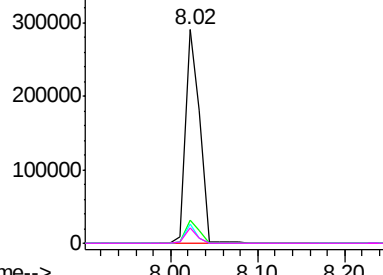
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 15.23 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

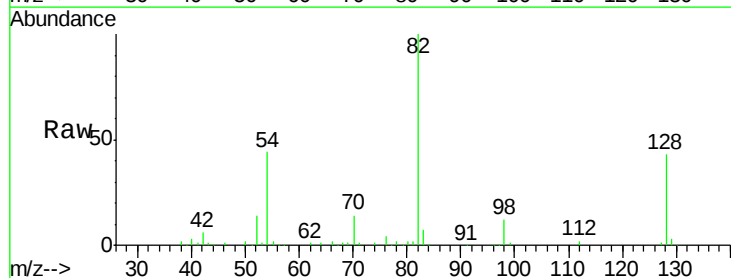
Tgt Ion: 82 Resp: 97641

Ion Ratio Lower Upper

82 100

128 42.5 35.9 53.9

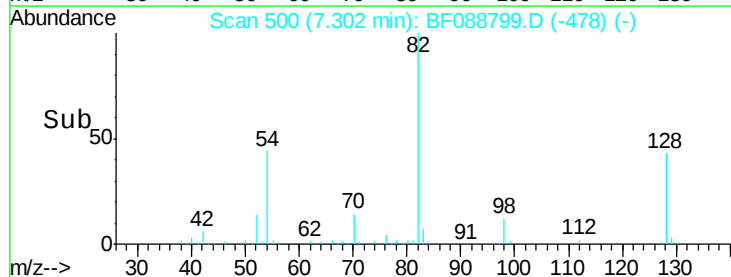
54 44.1 40.9 61.3



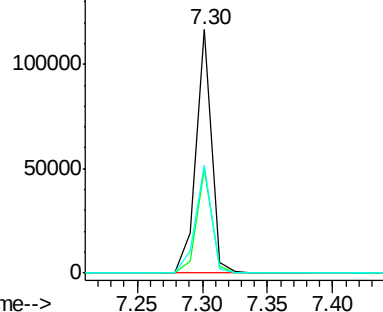
Abundance Ion 82.00 (81.70 to 82.70): BF0

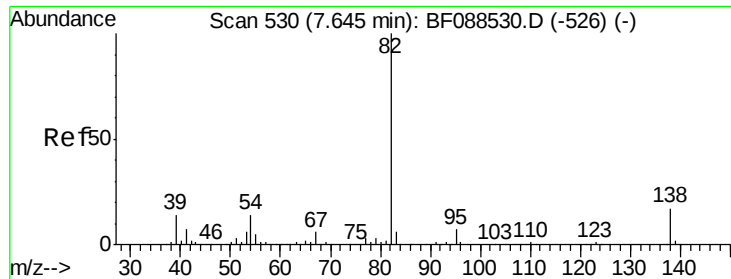
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 7.12 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.31 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

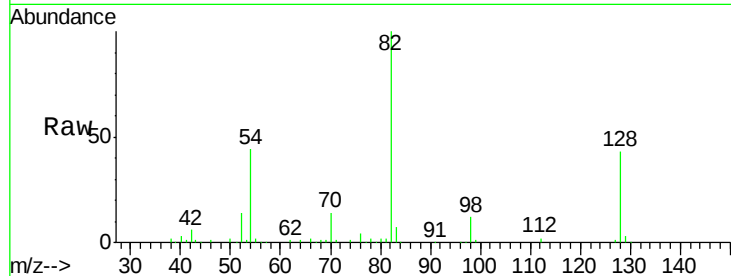
Tgt Ion: 82 Resp: 84609

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

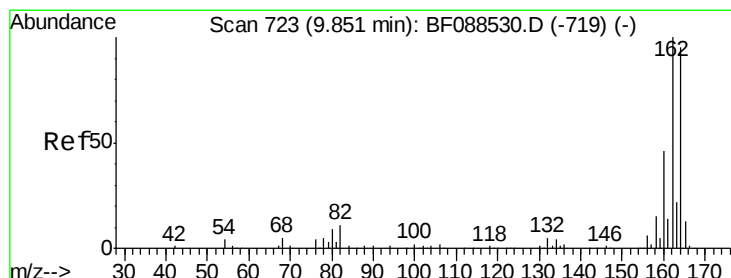
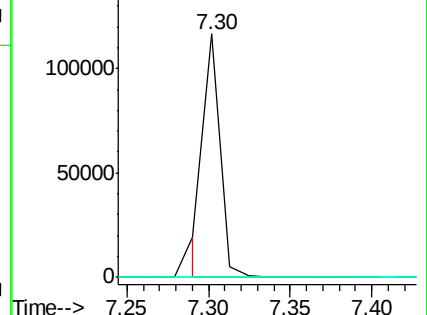
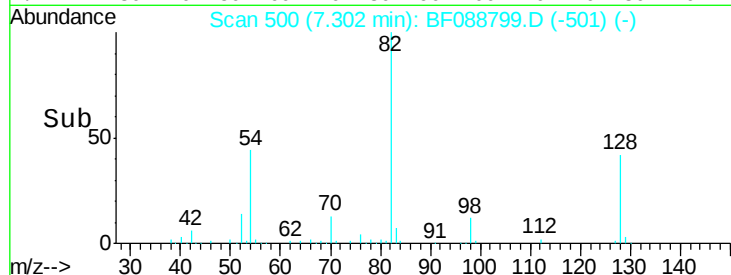
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088799.D (-501) (-)

Ion 95.00 (94.70 to 95.70): BF088799.D (-501) (-)

Ion 138.00 (137.70 to 138.70): BF088799.D (-501) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

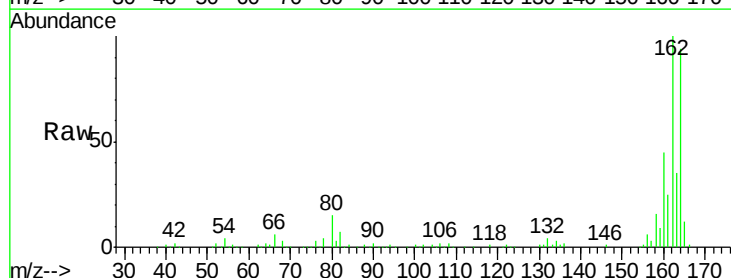
Tgt Ion: 164 Resp: 150592

Ion Ratio Lower Upper

164 100

162 106.3 85.4 128.2

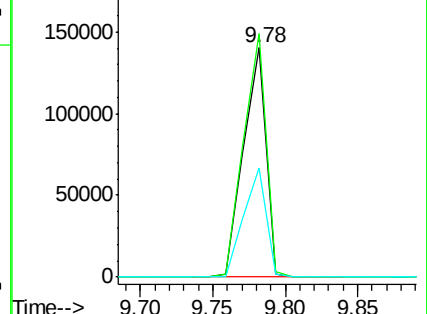
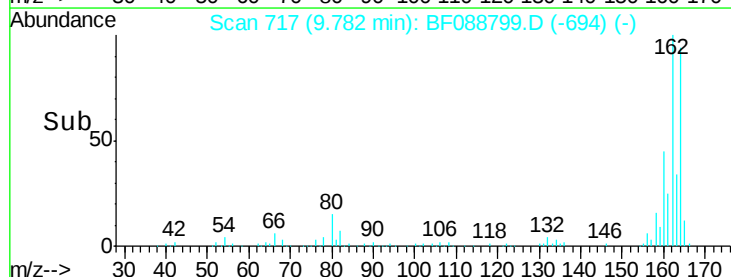
160 47.8 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): BF088799.D (-694) (-)

Ion 162.00 (161.70 to 162.70): BF088799.D (-694) (-)

Ion 160.00 (159.70 to 160.70): BF088799.D (-694) (-)

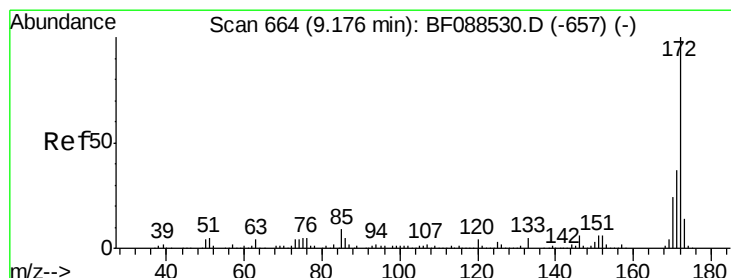
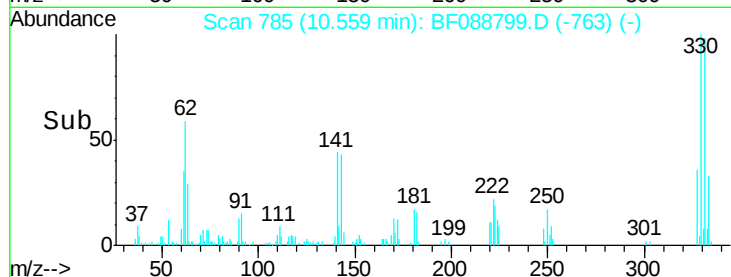
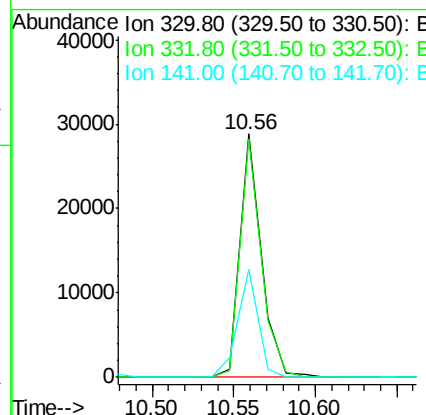
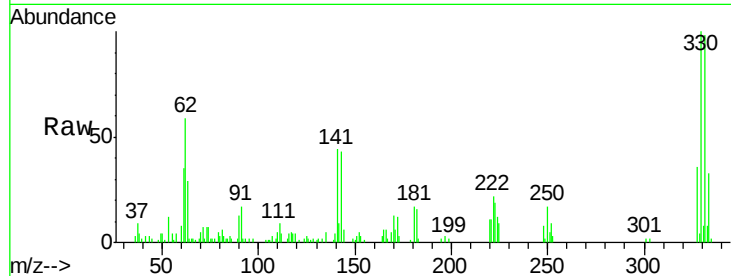




#41
 2,4,6-Tribromophenol
 Concen: 18.46 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088799.D
 Acq: 8 Jul 2016 1:03

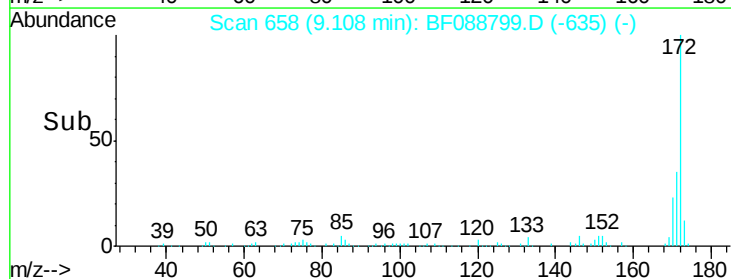
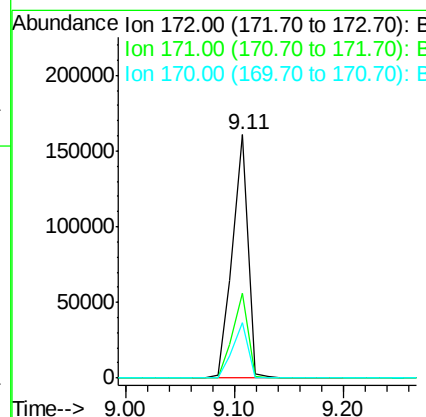
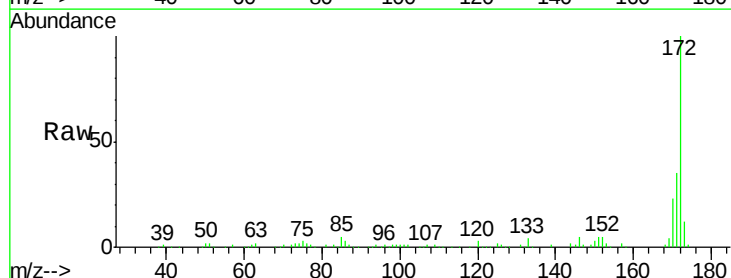
Instrument :
 BNA_F
 ClientSampleId :
 SS-2

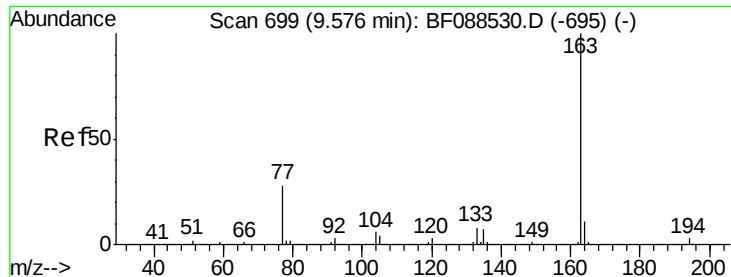
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	42.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 16.68 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088799.D
 Acq: 8 Jul 2016 1:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.9	19.2	28.8





#49

Dimethylphthalate

Concen: 2.33 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

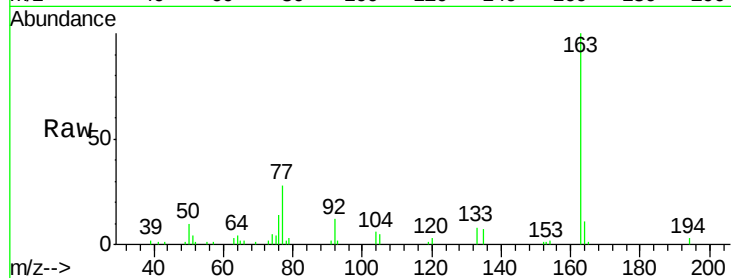
Tgt Ion:163 Resp: 24975

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

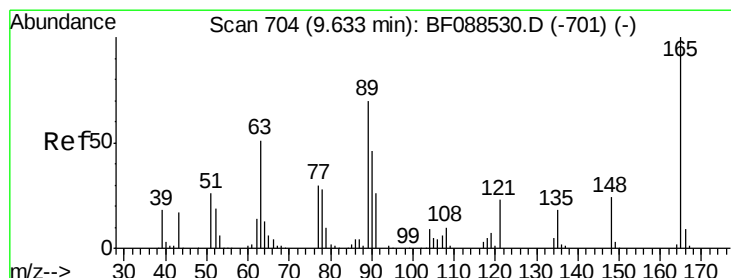
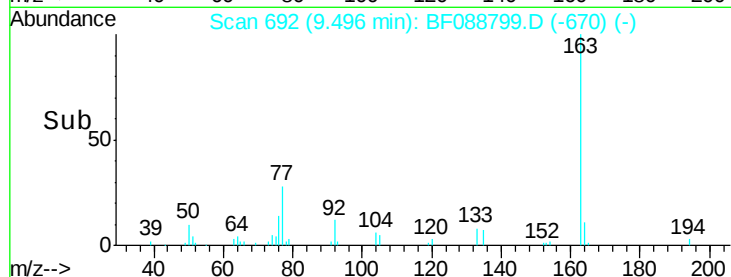
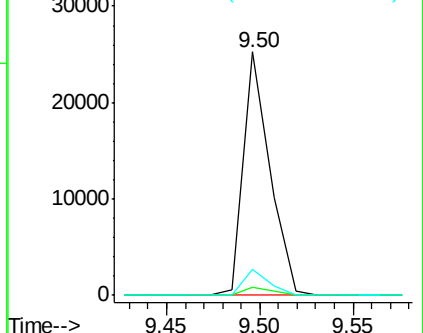
164 10.6 8.3 12.5



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: 8.03 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.18 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

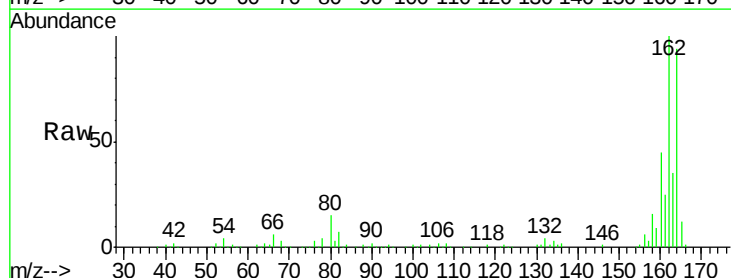
Tgt Ion:165 Resp: 19103

Ion Ratio Lower Upper

165 100

63 1.9 28.1 42.1#

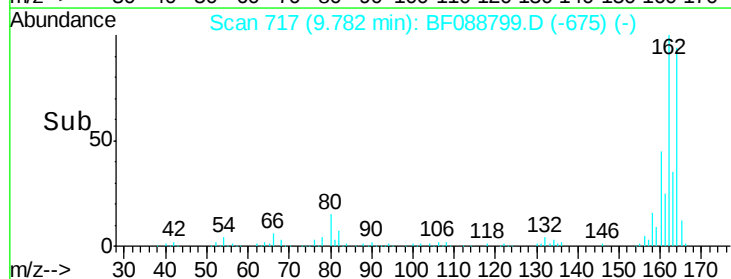
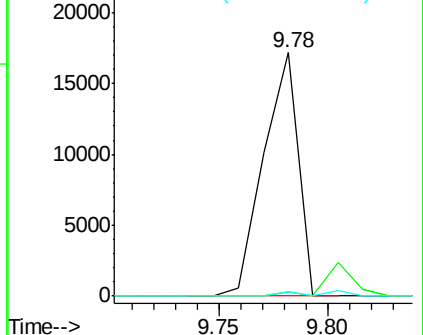
89 2.0 32.2 48.2#

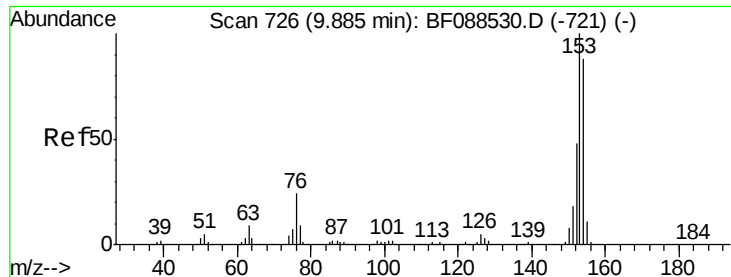


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.07 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

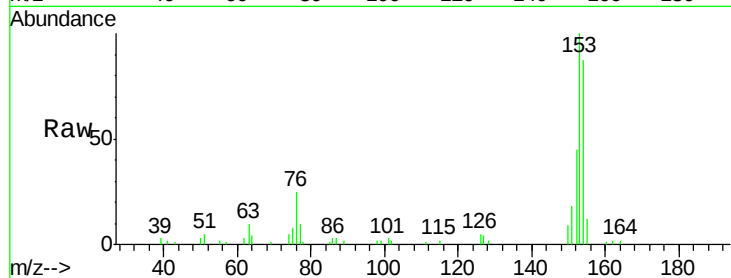
Tgt Ion:154 Resp: 19802

Ion Ratio Lower Upper

154 100

153 114.9 89.5 134.3

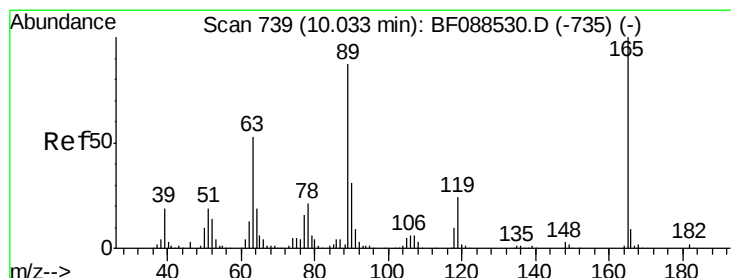
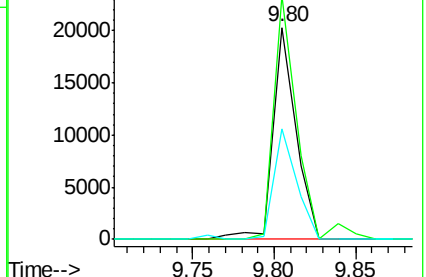
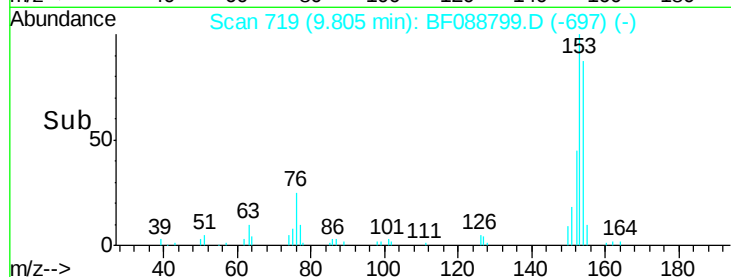
152 52.1 42.7 64.1



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



#56

2,4-Dinitrotoluene

Concen: 6.14 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.22 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Tgt Ion:165 Resp: 19103

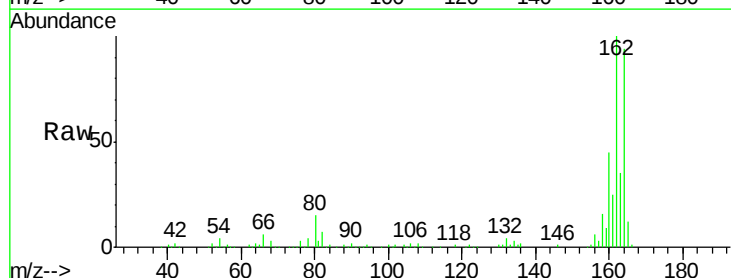
Ion Ratio Lower Upper

165 100

63 1.9 22.0 33.0#

89 2.0 41.1 61.7#

182 0.0 2.0 3.0#

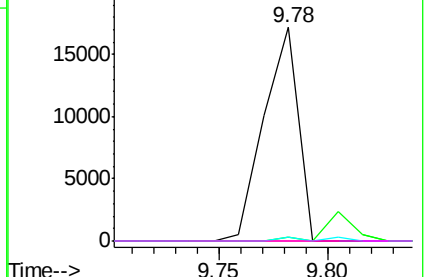
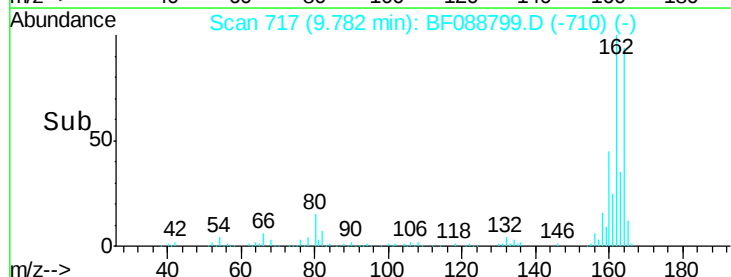


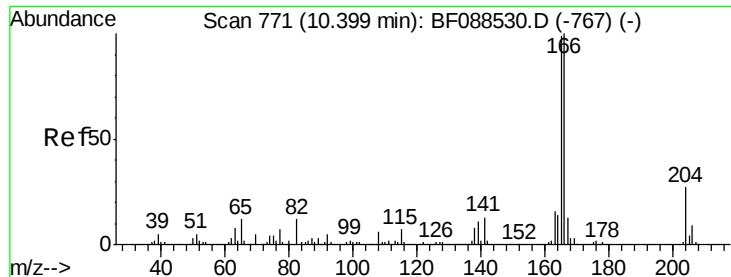
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

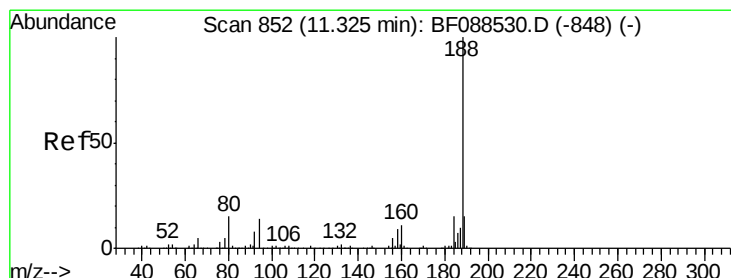
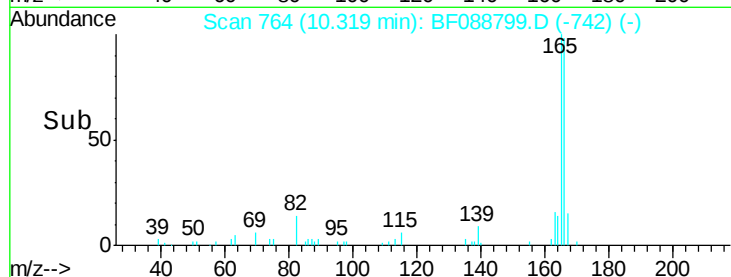
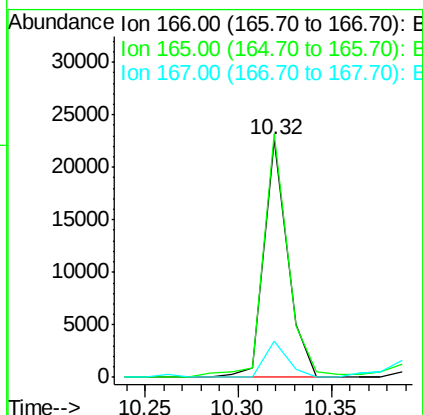
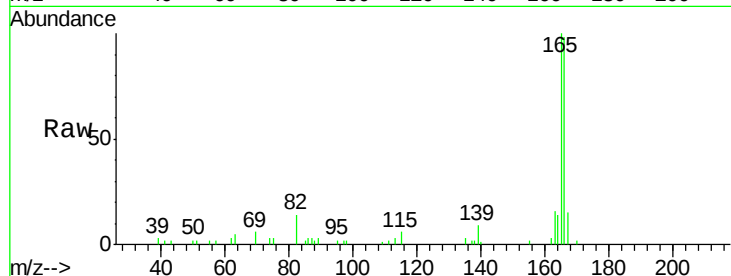




#57
Fluorene
 Concen: 2.06 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF088799.D
 Acq: 8 Jul 2016 1:03

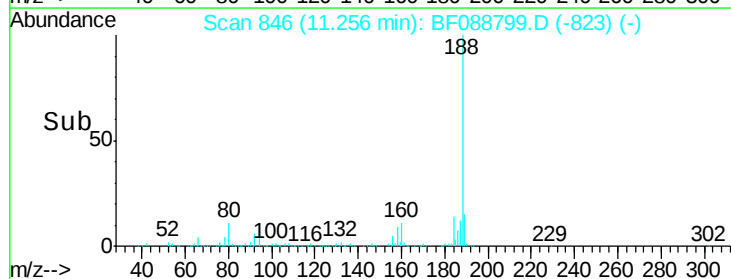
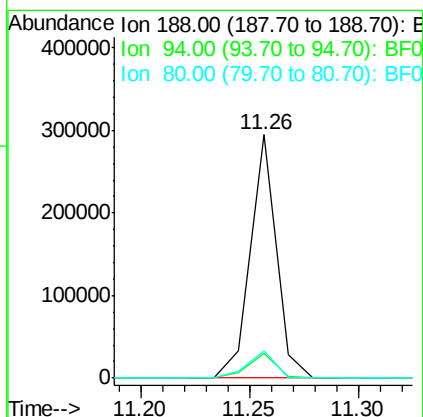
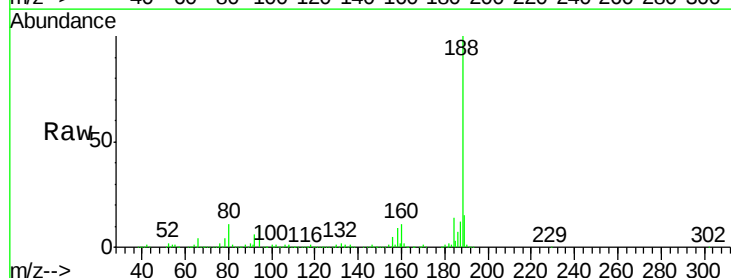
Instrument :
 BNA_F
 ClientSampleId :
 SS-2

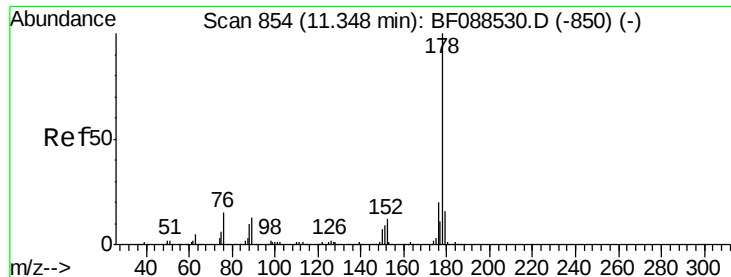
Tgt Ion:166 Resp: 19812
 Ion Ratio Lower Upper
 166 100
 165 102.4 77.8 116.8
 167 15.1 11.2 16.8



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088799.D
 Acq: 8 Jul 2016 1:03

Tgt Ion:188 Resp: 244989
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.0 13.6
 80 11.4 10.0 15.0





#70

Phenanthrene

Concen: 21.22 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

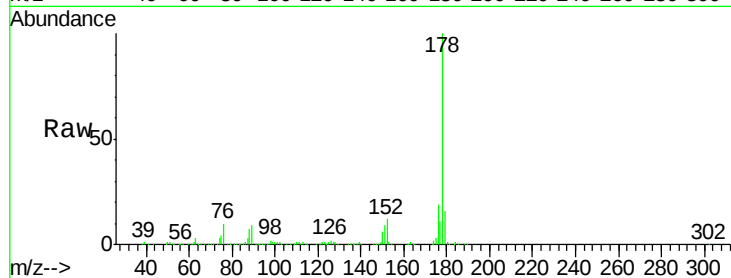
Tgt Ion:178 Resp: 284159

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

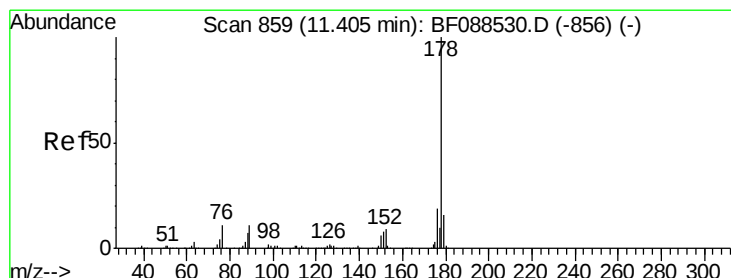
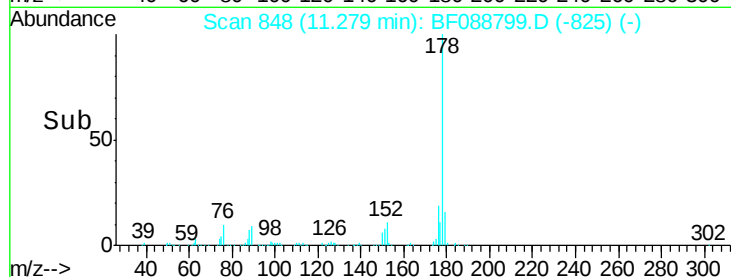
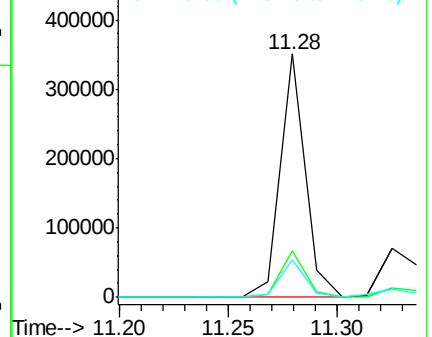
179 15.6 13.0 19.4



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: 6.47 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.05 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

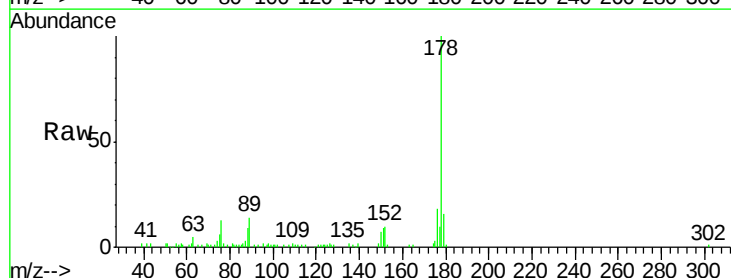
Tgt Ion:178 Resp: 86162

Ion Ratio Lower Upper

178 100

176 18.3 15.6 23.4

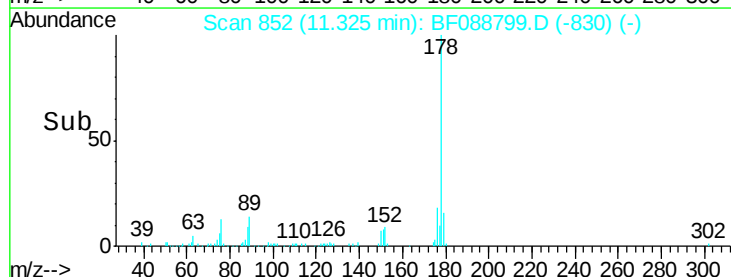
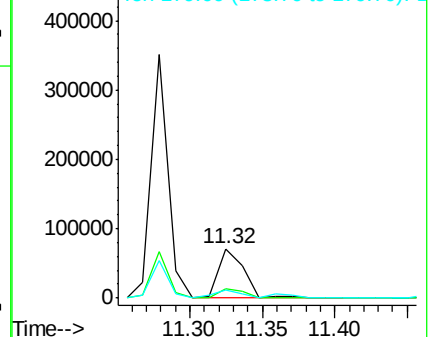
179 16.3 12.8 19.2

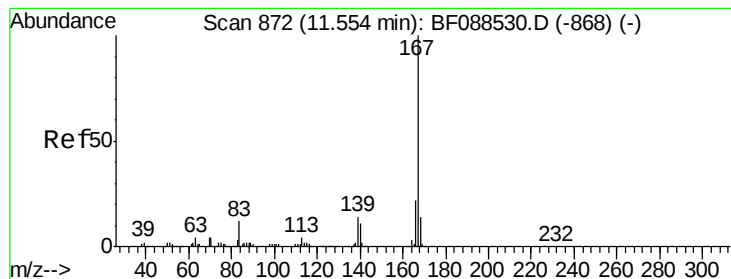


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.68 ng

RT: 11.48 min Scan# 866

Delta R.T. -0.03 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampled :

SS-2

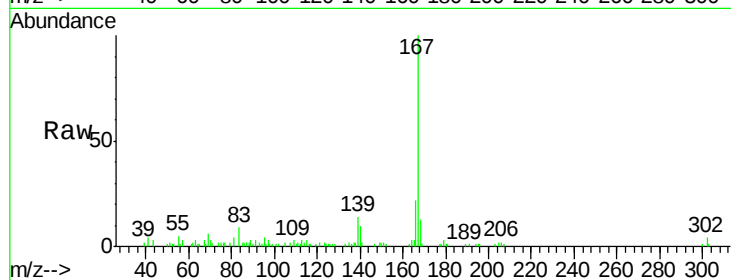
Tgt Ion:167 Resp: 33546

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

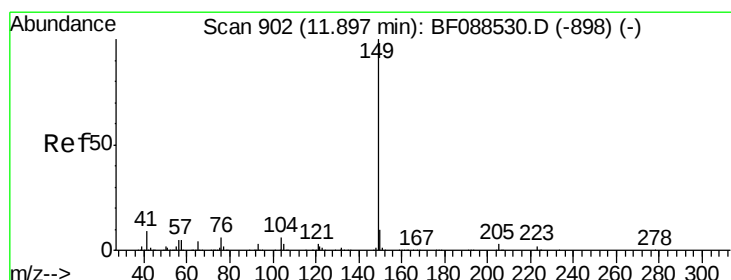
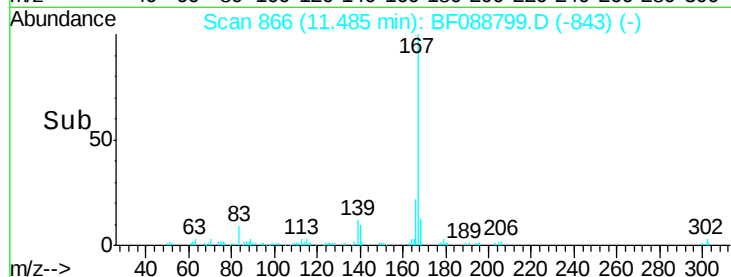
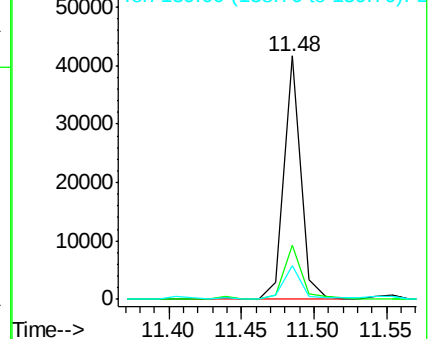
139 14.0 11.2 16.8



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



#73

Di-n-butylphthalate

Concen: 19.77 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

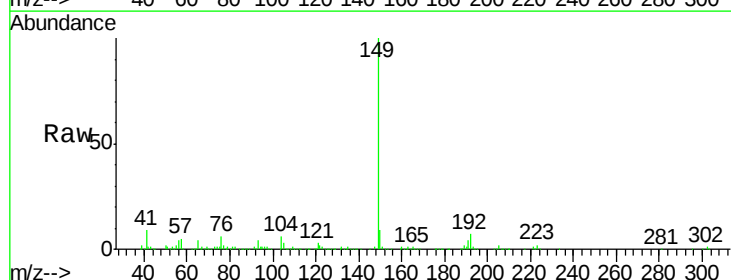
Tgt Ion:149 Resp: 288237

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

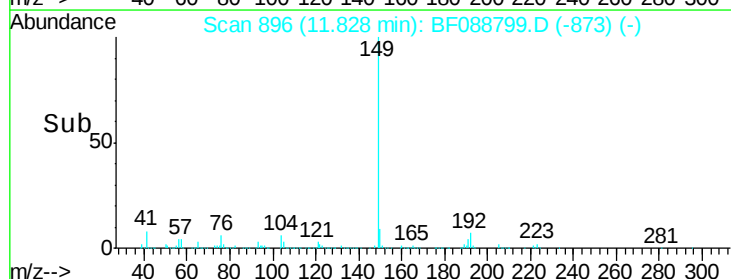
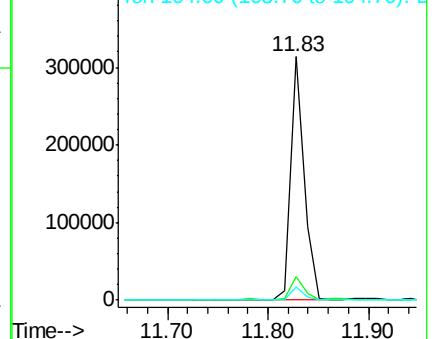
104 5.5 4.0 6.0

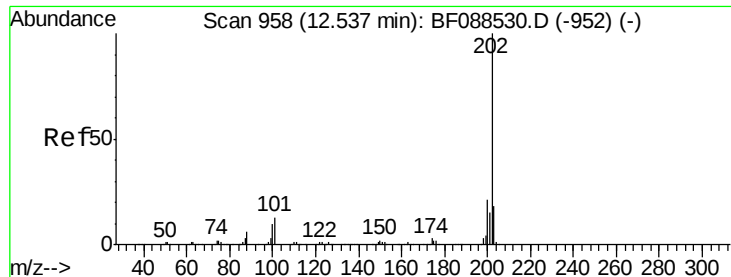


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 88.73 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

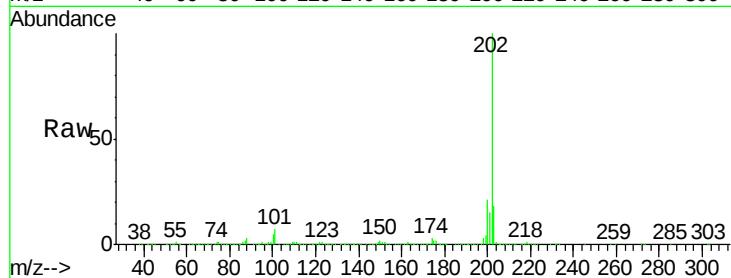
Tgt Ion:202 Resp: 1204649

Ion Ratio Lower Upper

202 100

101 6.9 0.0 33.1

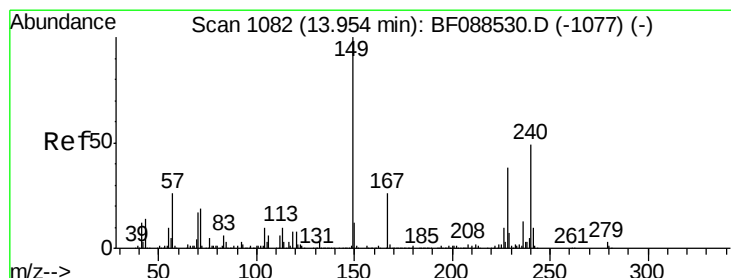
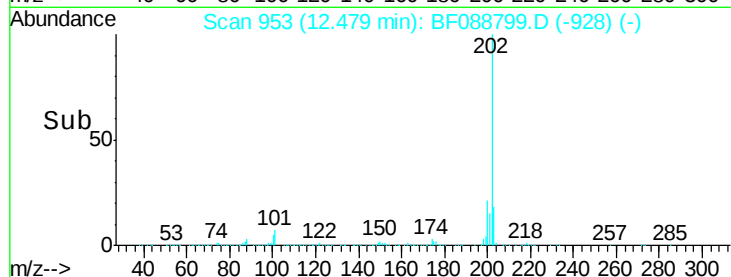
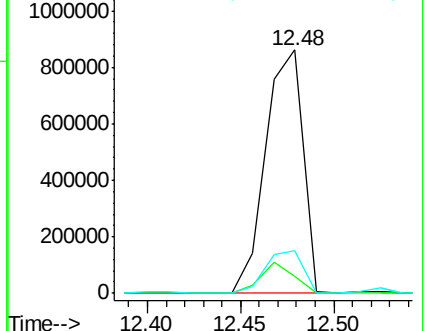
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

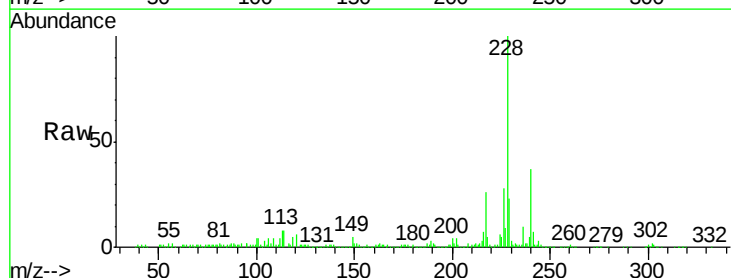
Tgt Ion:240 Resp: 168511

Ion Ratio Lower Upper

240 100

120 15.2 6.8 10.2#

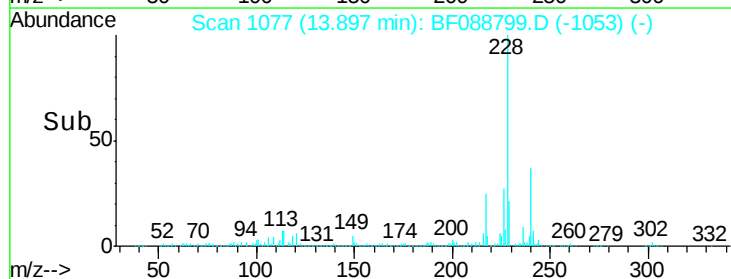
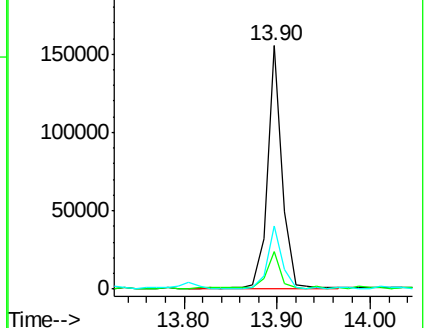
236 26.1 20.2 30.2

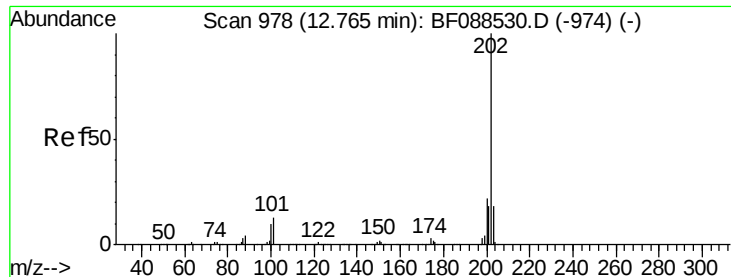


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

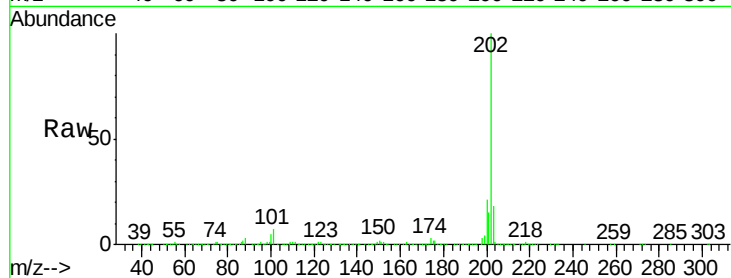




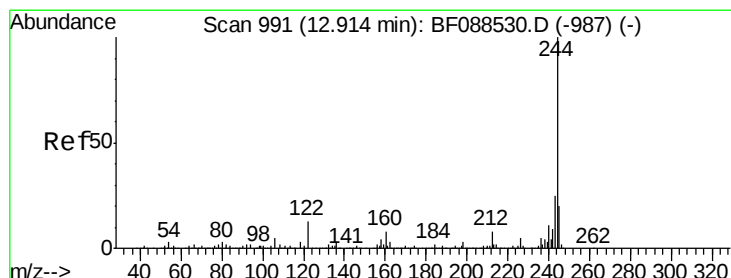
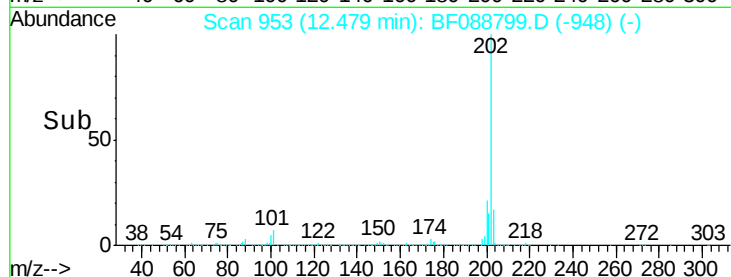
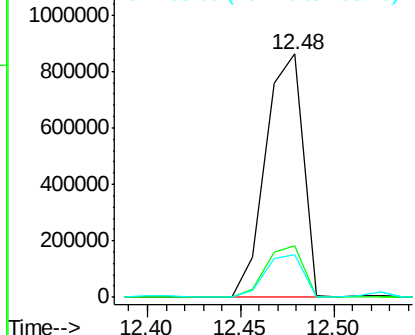
#77
 Pyrene
 Concen: 84.31 ng
 RT: 12.48 min Scan# 953
 Delta R.T. -0.24 min
 Lab File: BF088799.D
 Acq: 8 Jul 2016 1:03

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Tgt Ion:202 Resp: 1204649
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.4 26.2
 203 17.7 14.5 21.7

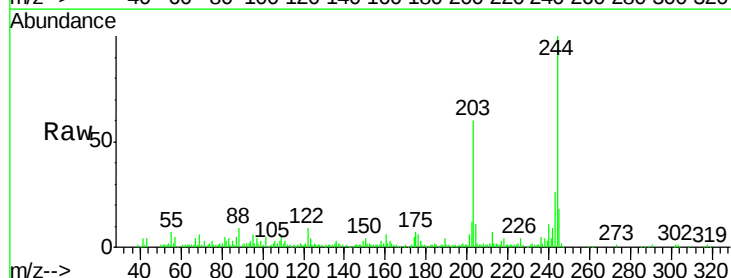


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

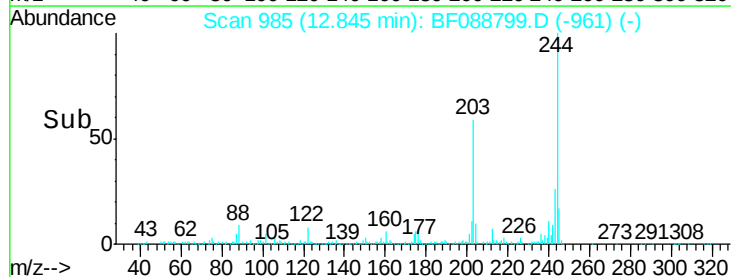
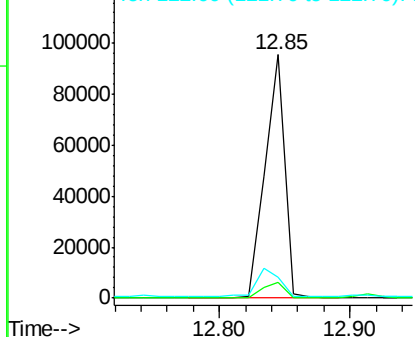


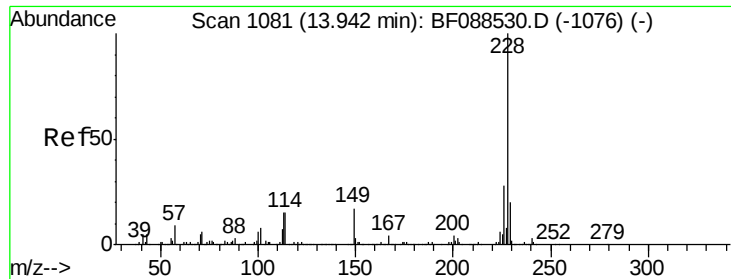
#78
 Terphenyl-d14
 Concen: 13.31 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088799.D
 Acq: 8 Jul 2016 1:03

Tgt Ion:244 Resp: 100720
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.8 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

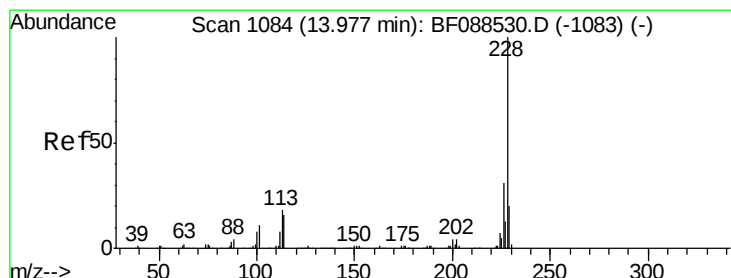
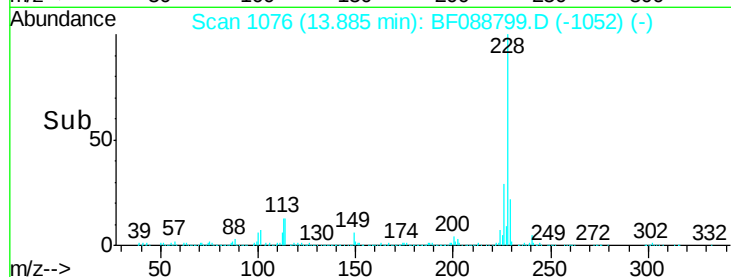
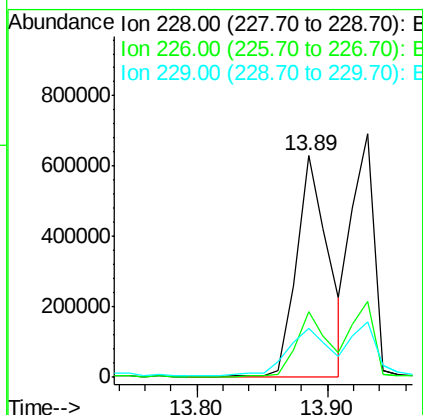
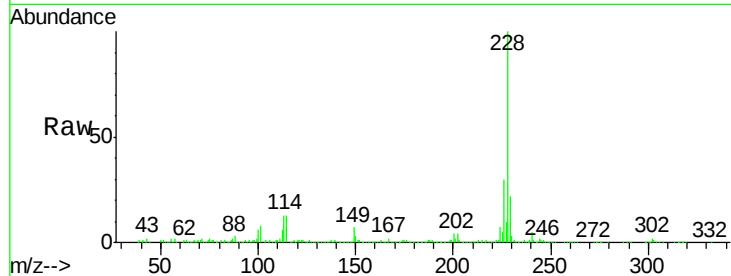




#80
Benzo(a)anthracene
Concen: 98.95 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

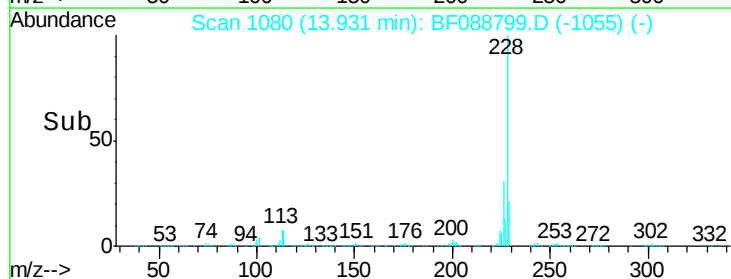
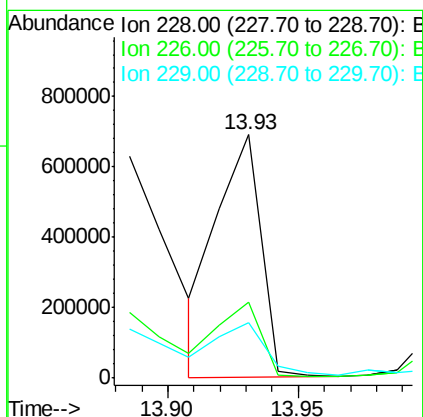
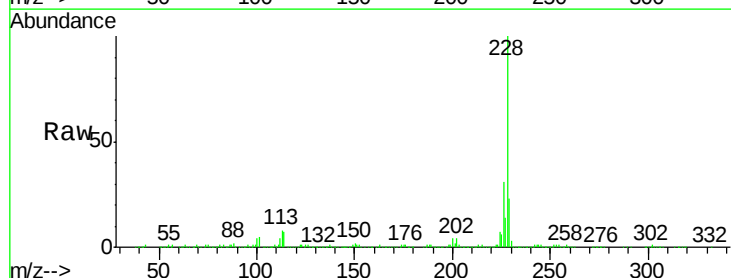
Instrument :
BNA_F
ClientSampled :
SS-2

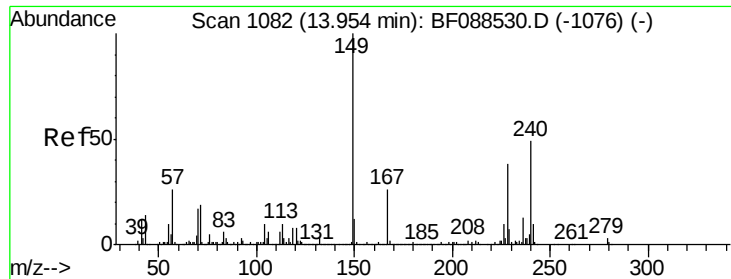
Tgt Ion:228 Resp: 1073684
Ion Ratio Lower Upper
228 100
226 29.6 22.3 33.5
229 22.4 16.0 24.0



#82
Chrysene
Concen: 76.15 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:228 Resp: 817541
Ion Ratio Lower Upper
228 100
226 31.0 25.4 38.2
229 23.0 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.25 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

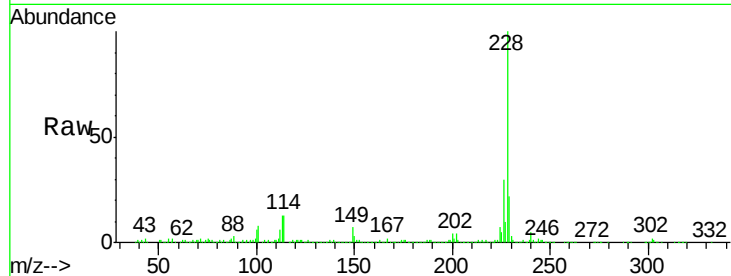
Tgt Ion:149 Resp: 52748

Ion Ratio Lower Upper

149 100

167 22.5 20.5 30.7

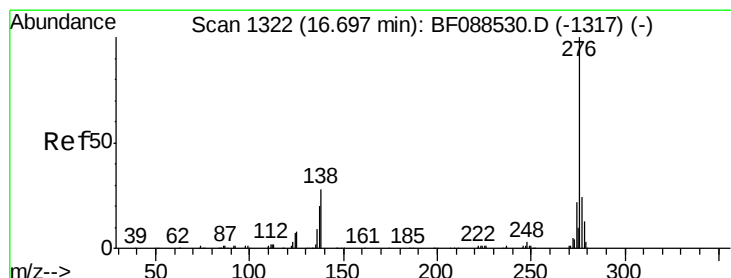
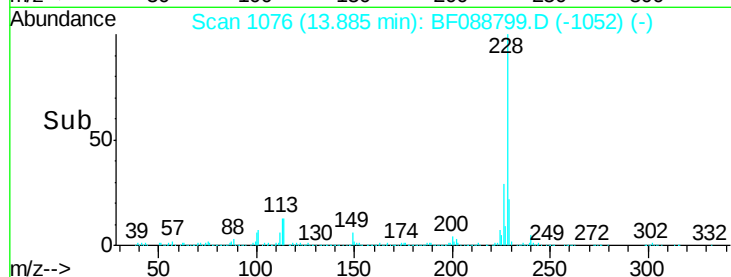
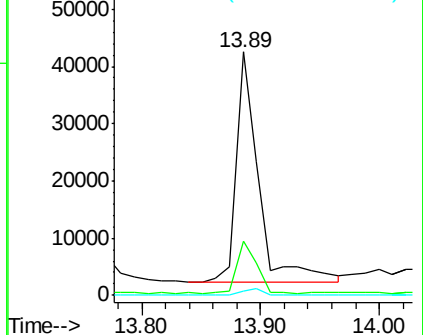
279 1.8 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 46.38 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

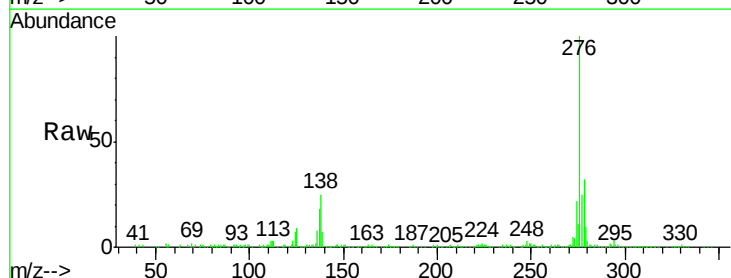
Tgt Ion:276 Resp: 383077

Ion Ratio Lower Upper

276 100

138 25.2 0.0 0.0#

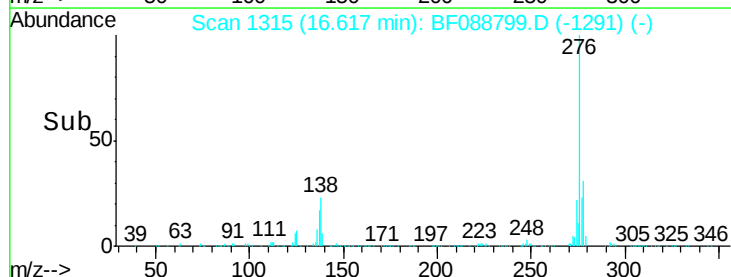
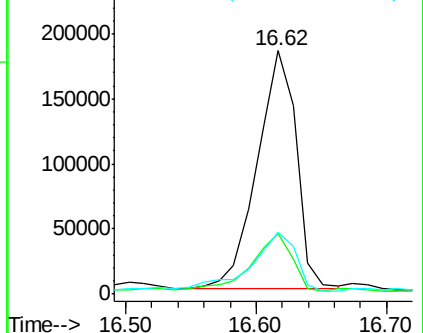
277 29.2 0.0 0.0#

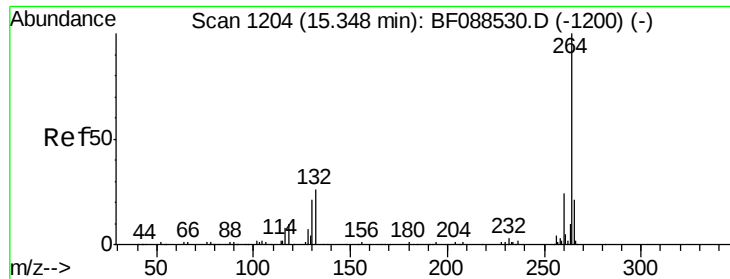


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

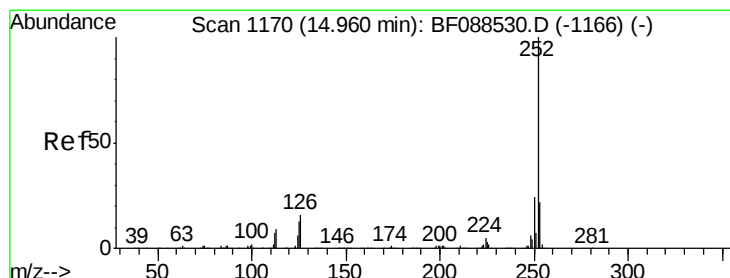
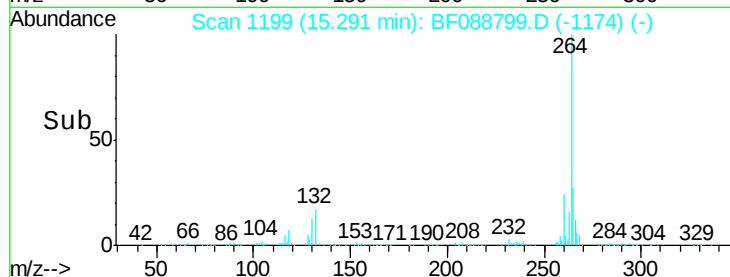
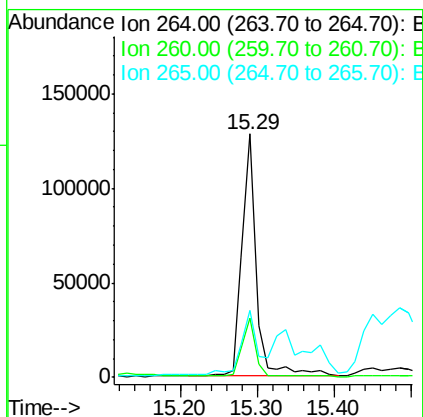
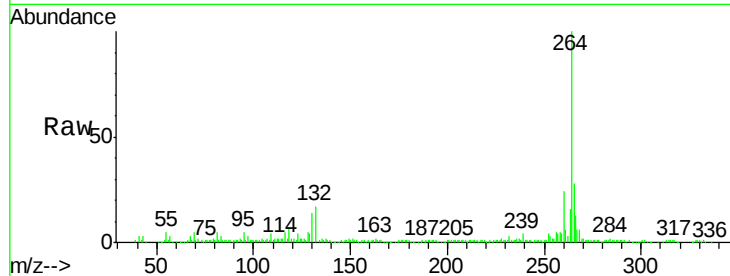




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

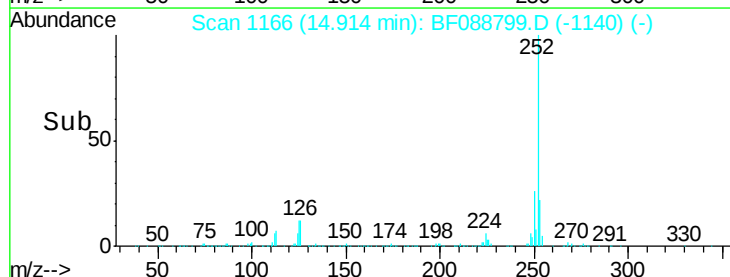
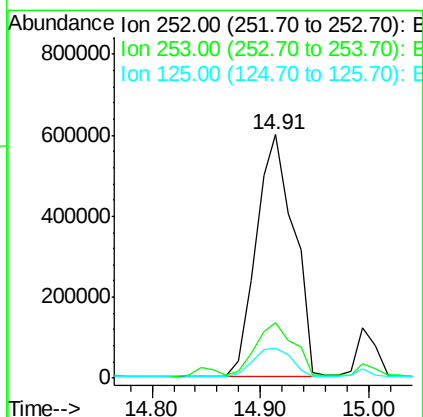
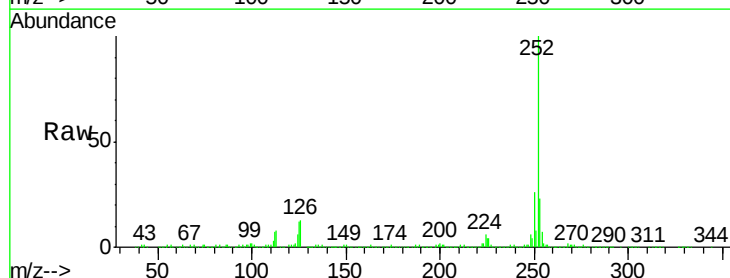
Instrument :
BNA_F
ClientSampleId :
SS-2

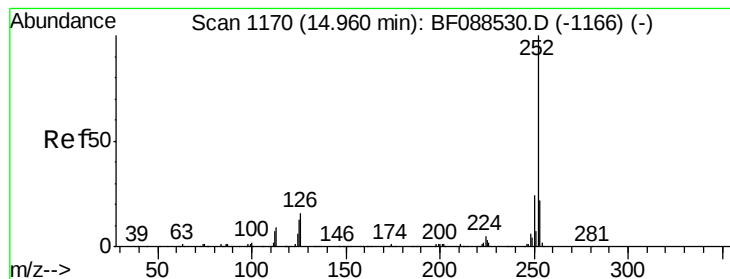
Tgt Ion: 264 Resp: 169643
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 27.7 16.9 25.3#



#87
Benzo(b)fluoranthene
Concen: 135.55 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion: 252 Resp: 1442467
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 12.3 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 155.48 ng

RT: 14.91 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

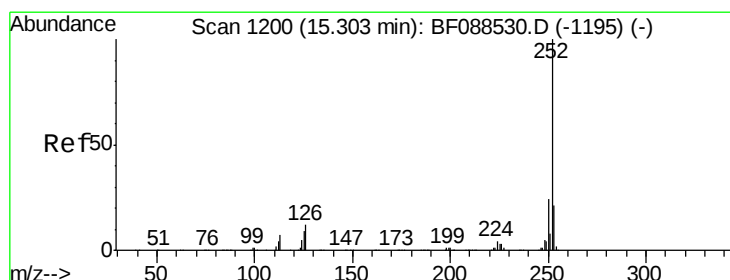
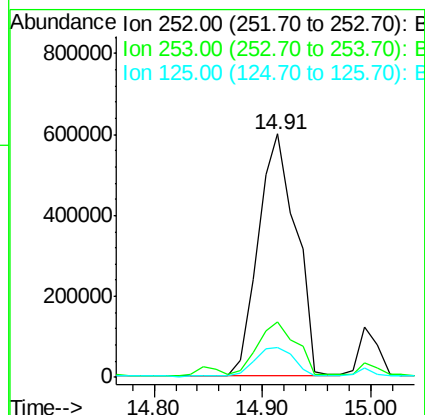
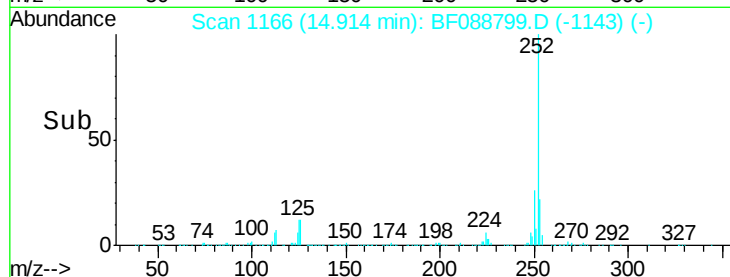
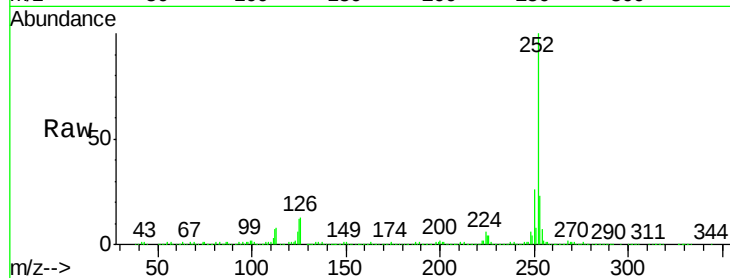
Tgt Ion:252 Resp: 1440438

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 12.3 11.2 16.8



#89

Benzo(a)pyrene

Concen: 81.80 ng

RT: 15.25 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

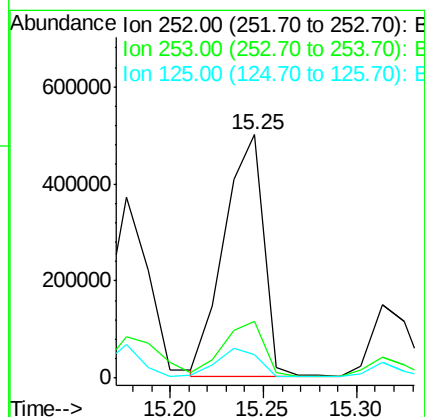
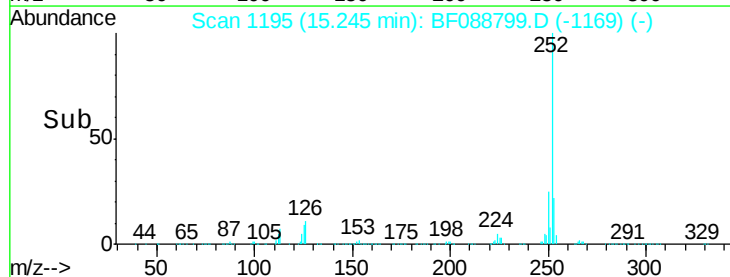
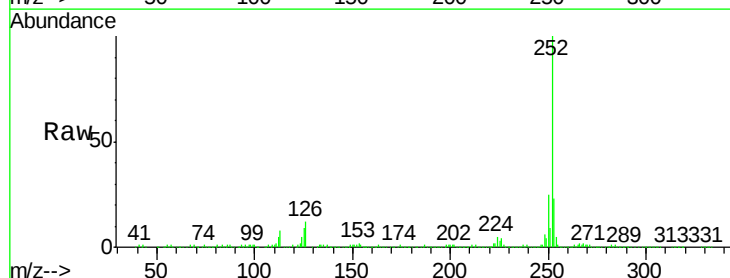
Tgt Ion:252 Resp: 737067

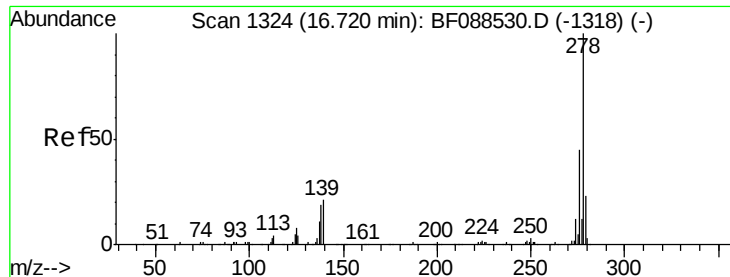
Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

125 9.4 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 20.86 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SS-2

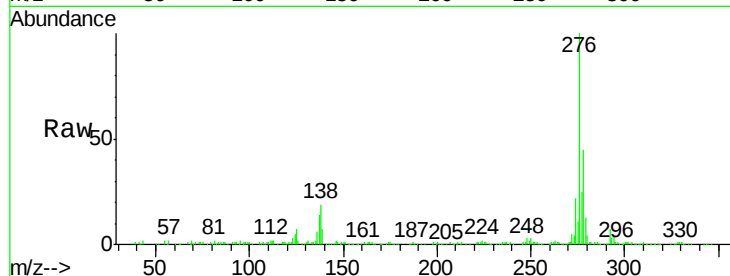
Tgt Ion:278 Resp: 156938

Ion Ratio Lower Upper

278 100

139 16.1 15.7 23.5

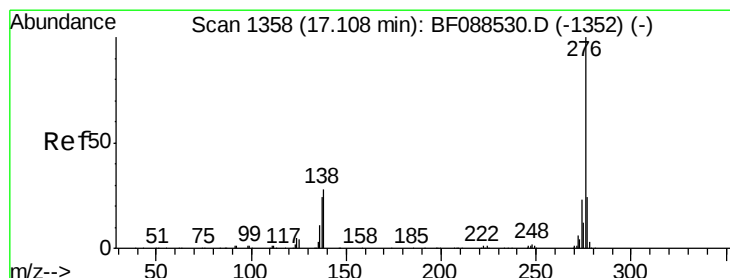
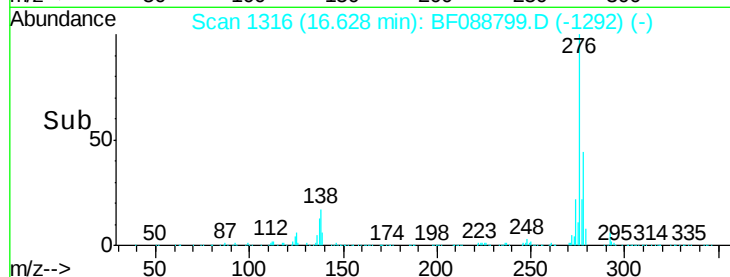
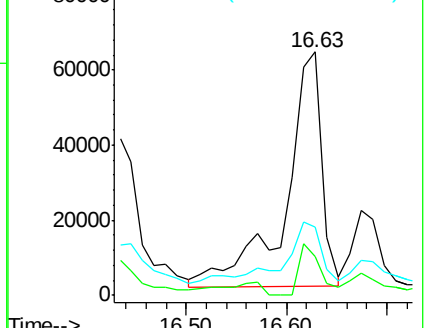
279 28.2 19.4 29.2



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: 46.38 ng

RT: 17.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF088799.D

Acq: 8 Jul 2016 1:03

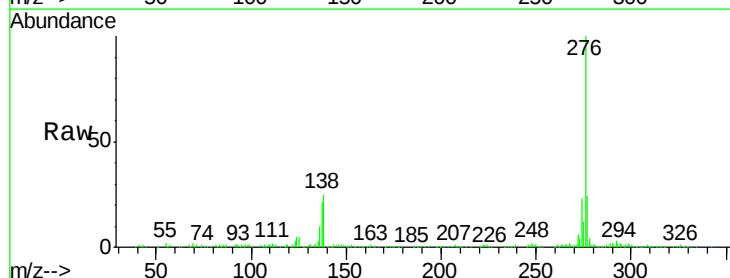
Tgt Ion:276 Resp: 361091

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 24.6 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

