

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
 Data File : BF083681.D
 Acq On : 10 Dec 2015 12:43
 Operator : UM/IZ
 Sample : G4579-13DL2 1000X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

Quant Time: Dec 10 13:11:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

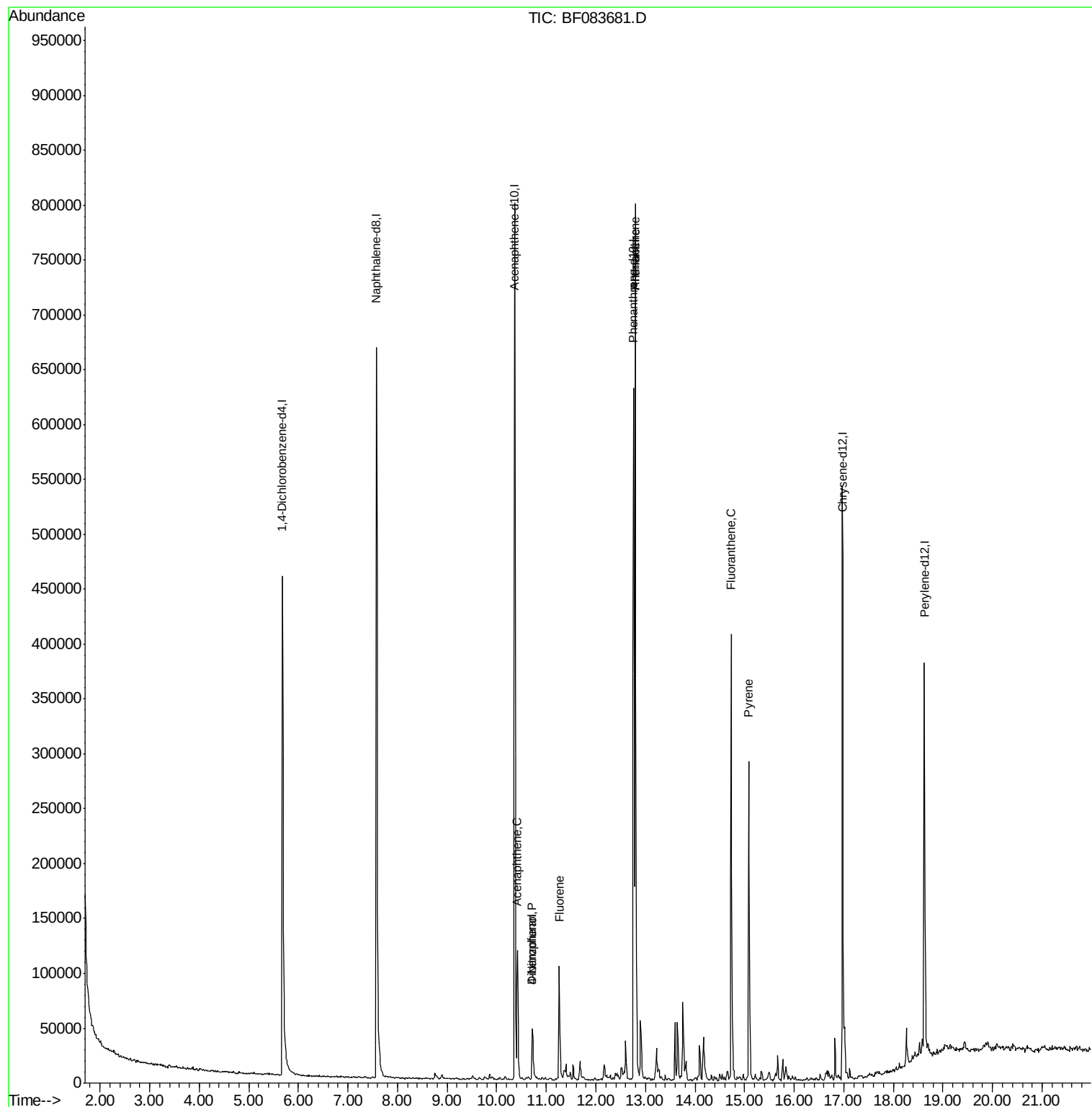
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	131643	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	506164	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	221467	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	333211	20.00	ng	-0.02
75) Chrysene-d12	16.98	240	299695	20.00	ng	-0.01
86) Perylene-d12	18.63	264	232802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	15.40	244	292	0.02	ng	-0.01
Target Compounds						
51) Acenaphthene	10.42	154	47298	3.45	ng	Qvalue 93
54) Dibenzofuran	10.72	168	44565	2.34	ng	98
55) 4-Nitrophenol	10.72	139	15097	8.86	ng	# 5
57) Fluorene	11.26	166	57931	3.49	ng	97
70) Phenanthrene	12.80	178	470787	24.59	ng	99
71) Anthracene	12.80	178	470787	23.74	ng	100
74) Fluoranthene	14.73	202	270524	13.81	ng	99
77) Pyrene	15.08	202	170870	7.92	ng	# 95

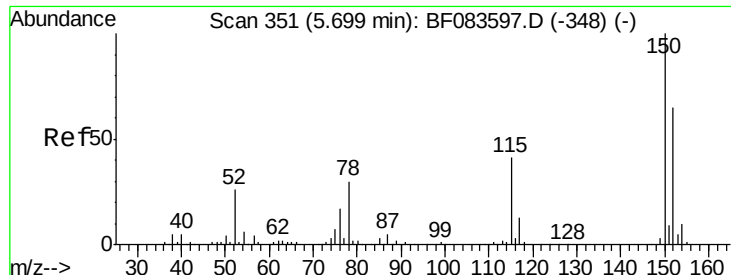
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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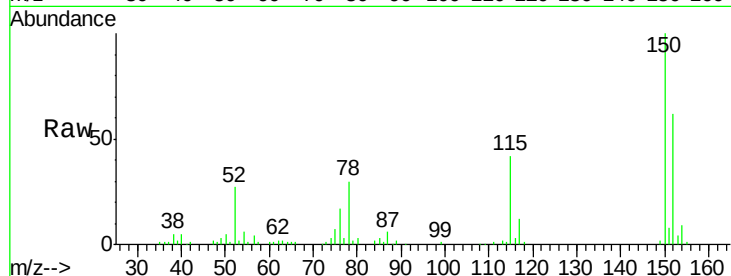


#1

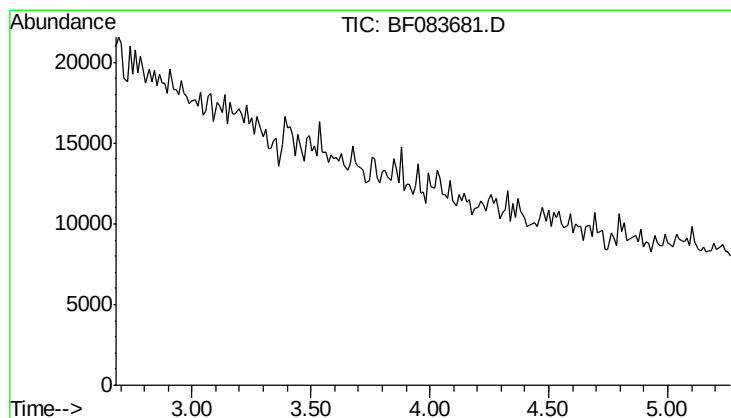
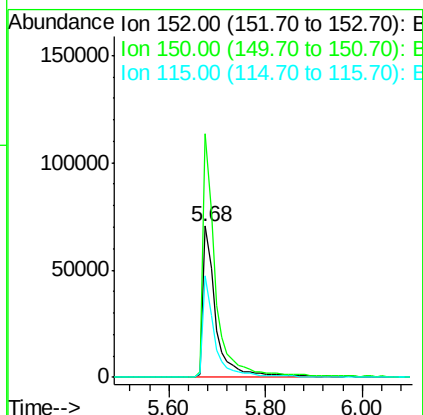
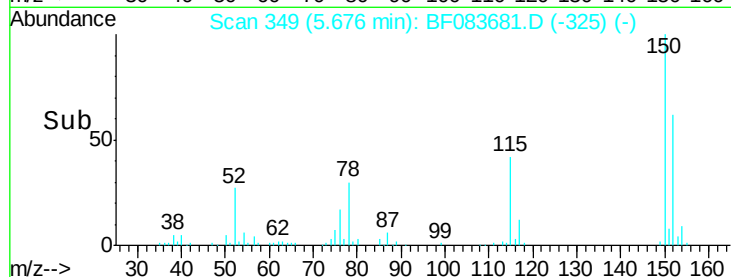
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

Tgt Ion:152 Resp: 131643
Ion Ratio Lower Upper
152 100
150 161.0 126.5 189.7
115 67.4 52.3 78.5



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

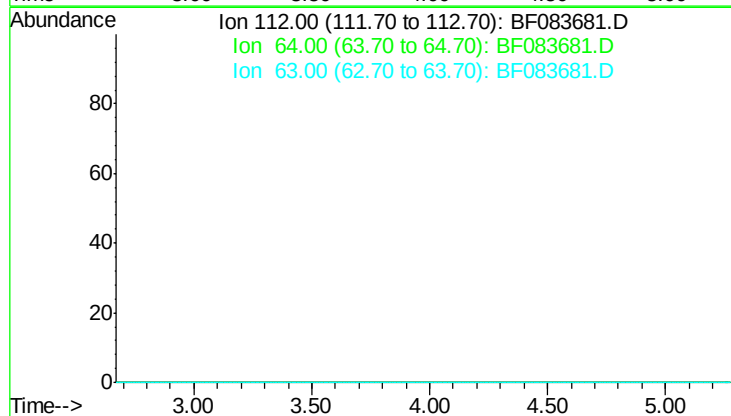


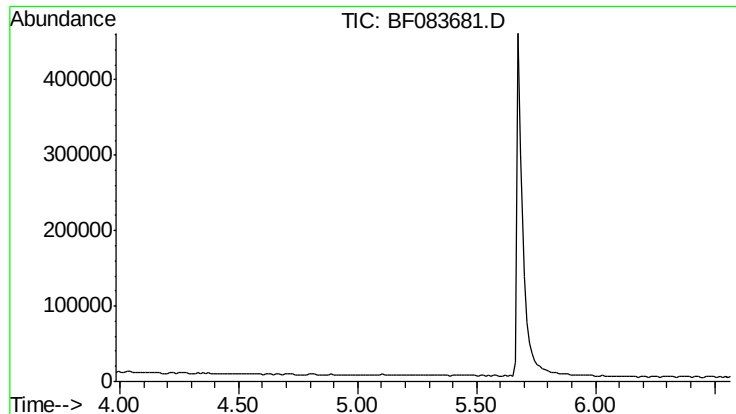
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 3.97 min

Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Tgt Ion: 112
Sig Exp Ratio
112 100
64 63.1
63 32.2





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 5.28 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALLDL2

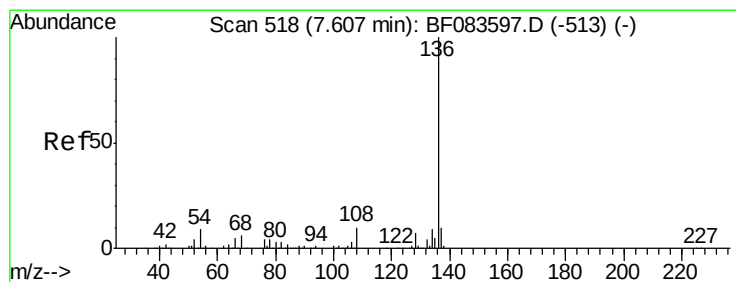
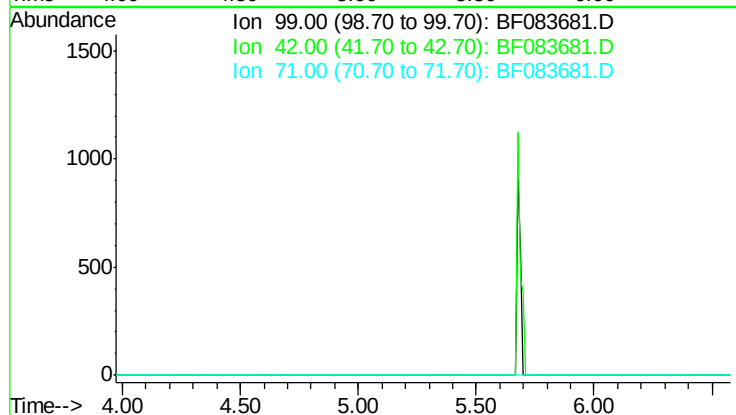
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.6

71 33.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.57 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

Tgt Ion:136 Resp: 506164

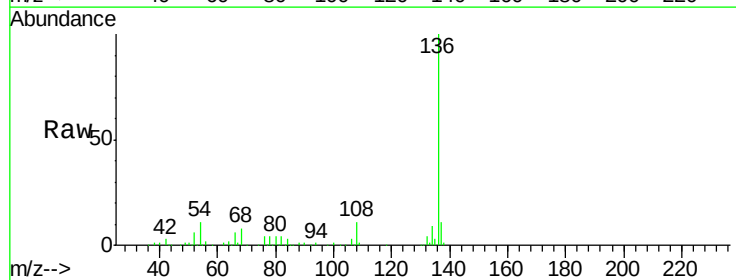
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.1 7.8 11.6

68 8.2 5.7 8.5

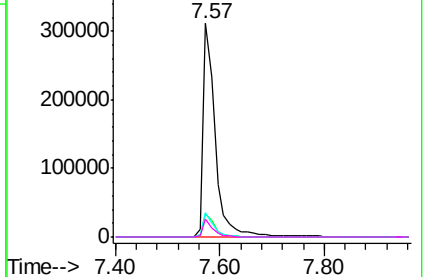
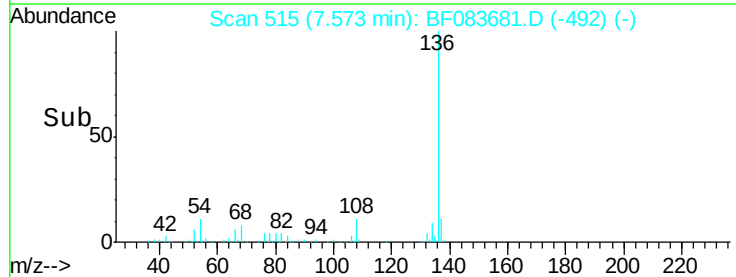


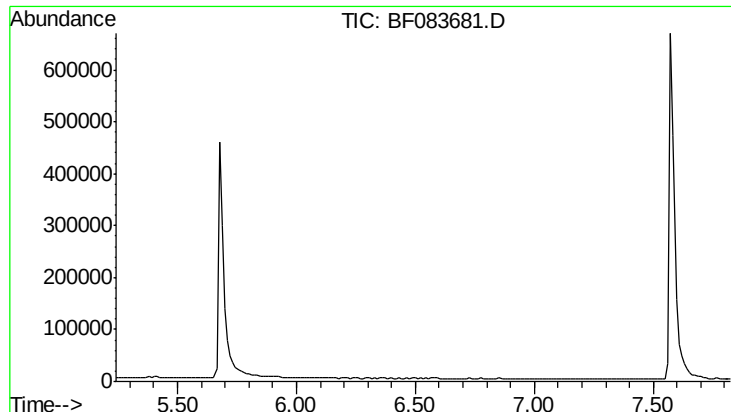
Abundance Ion 136.00 (135.70 to 136.70): E

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

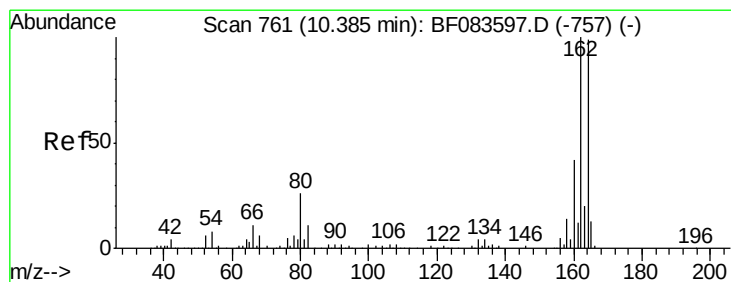
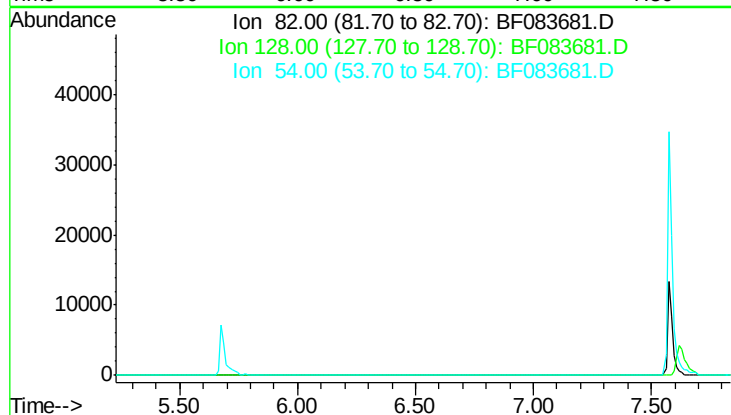




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 6.53 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

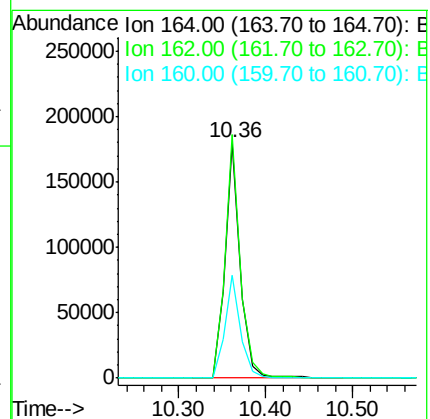
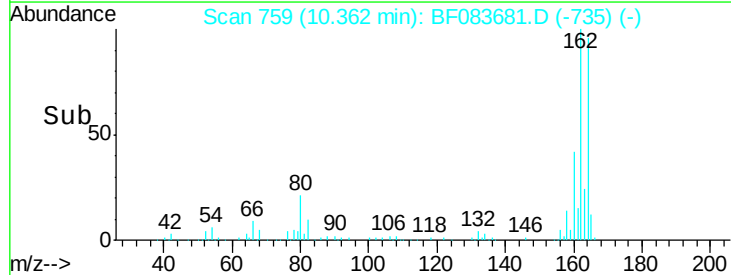
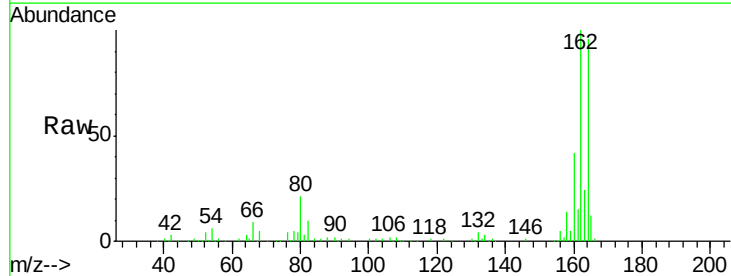
Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

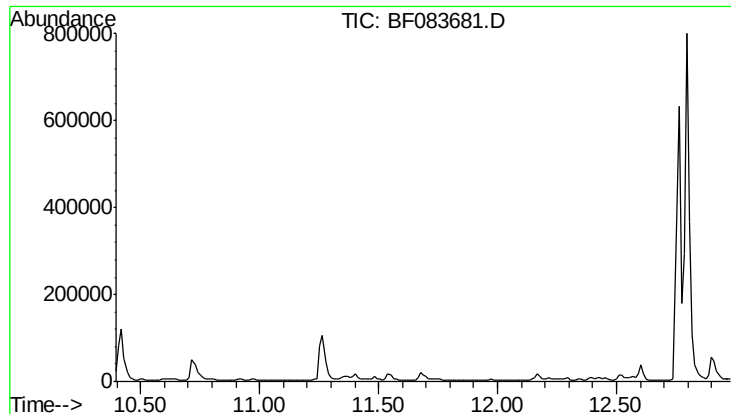
Tgt Ion	Exp Ratio
82	100
128	38.4
54	53.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

Tgt Ion	Resp	Ion Ratio	Lower	Upper
164	221467	100		
162		103.6	78.8	118.2
160		43.9	33.4	50.2

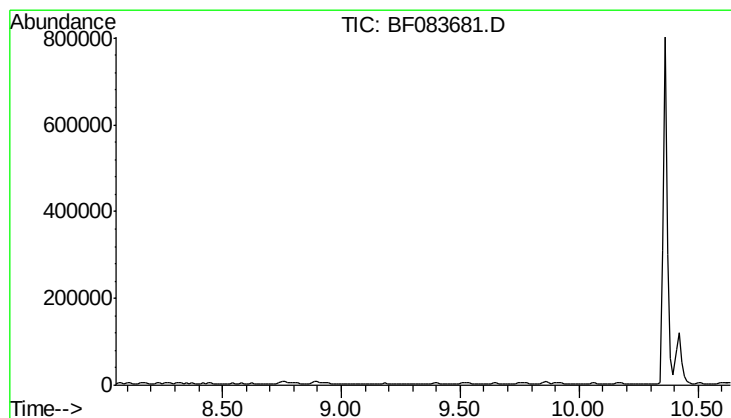
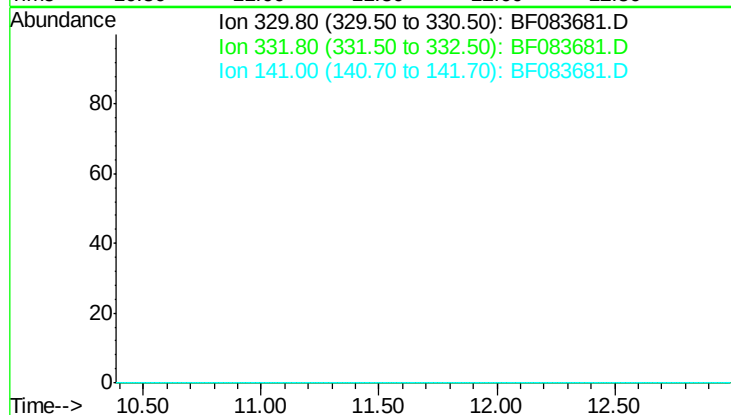




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.69 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

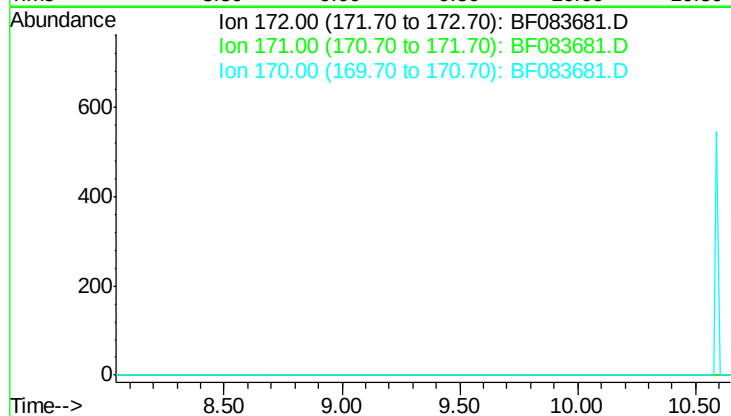
Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

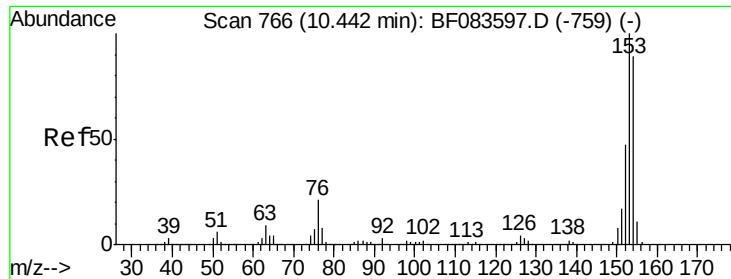
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.34 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.7
 170 24.2





#51

Acenaphthene

Concen: 3.45 ng

RT: 10.42 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALLDL2

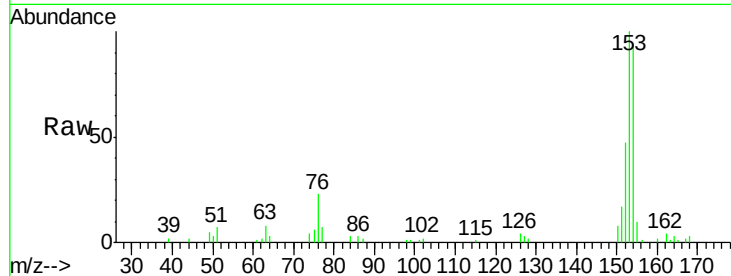
Tgt Ion:154 Resp: 47298

Ion Ratio Lower Upper

154 100

153 106.6 91.4 137.0

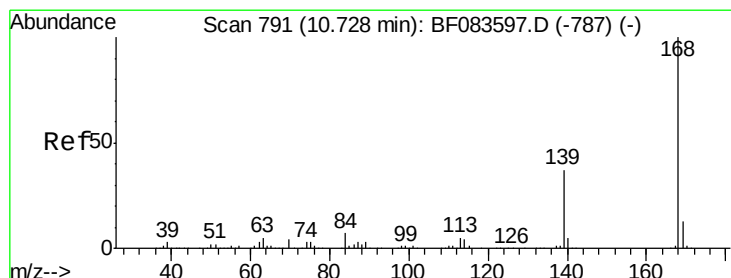
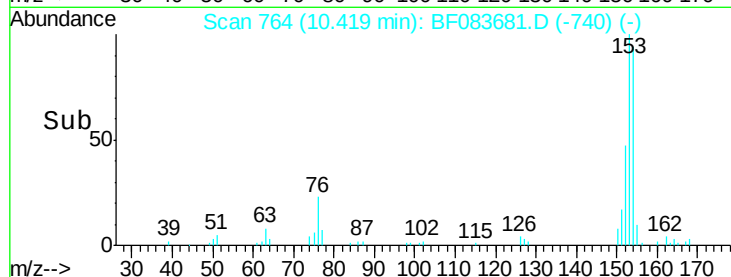
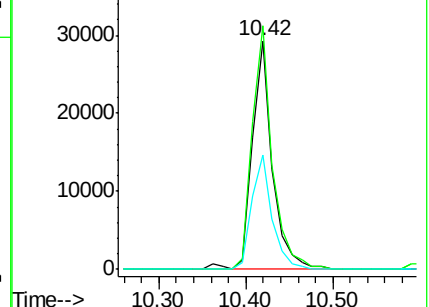
152 50.2 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.34 ng

RT: 10.72 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

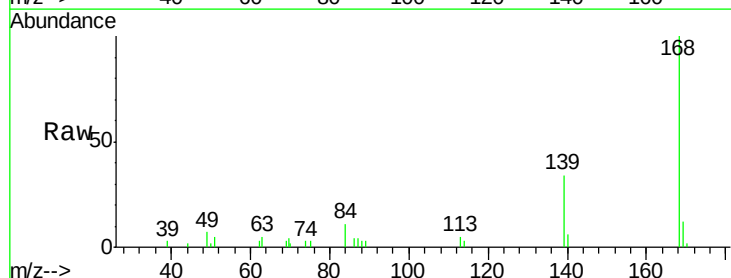
Tgt Ion:168 Resp: 44565

Ion Ratio Lower Upper

168 100

139 34.0 28.0 42.0

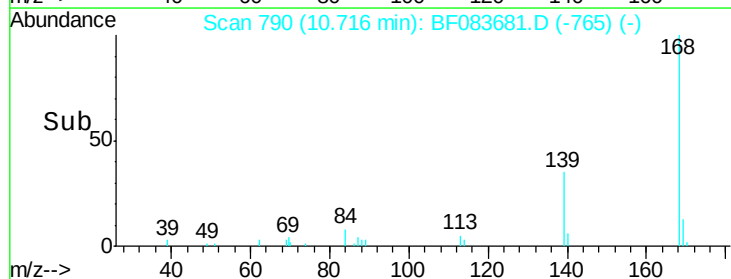
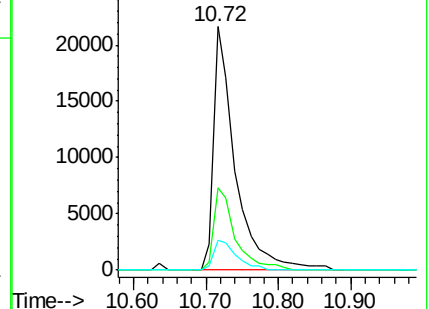
169 12.5 10.8 16.2

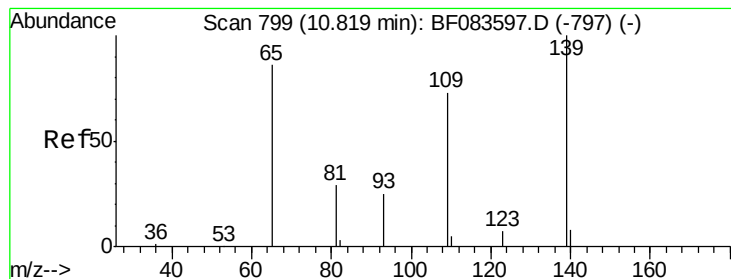


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 8.86 ng

RT: 10.72 min Scan# 790

Delta R.T. -0.10 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALLDL2

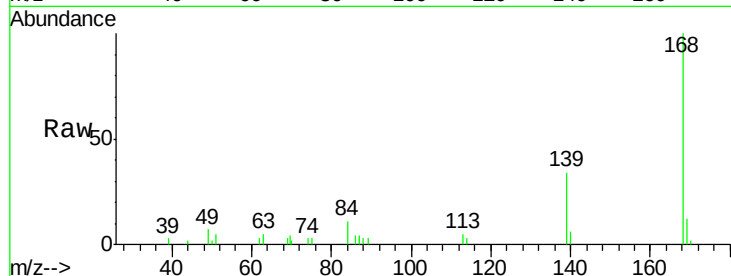
Tgt Ion:139 Resp: 15097

Ion Ratio Lower Upper

139 100

109 0.0 42.0 82.0#

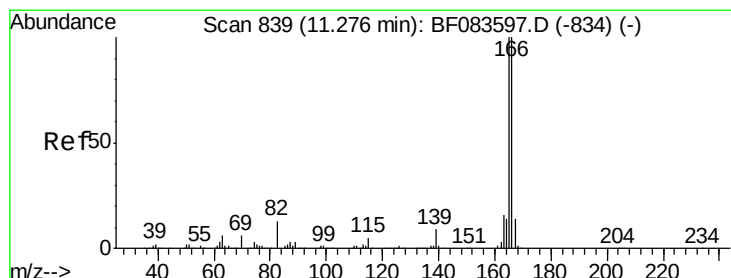
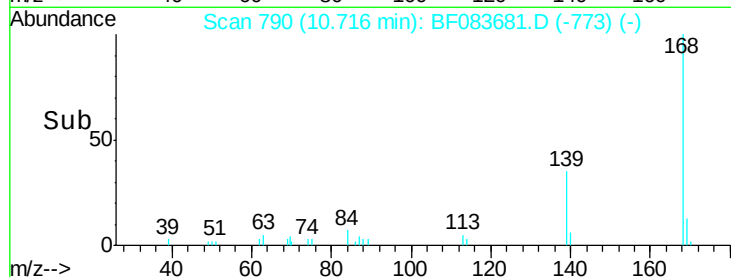
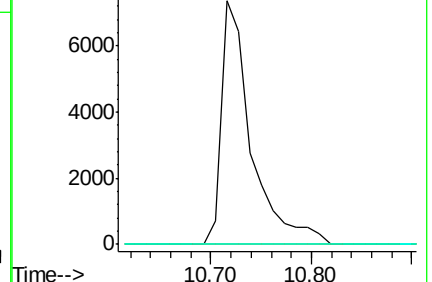
65 0.0 89.2 129.2#



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: 3.49 ng

RT: 11.26 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

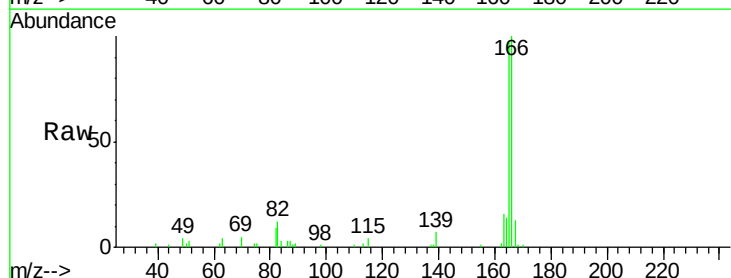
Tgt Ion:166 Resp: 57931

Ion Ratio Lower Upper

166 100

165 96.6 80.0 120.0

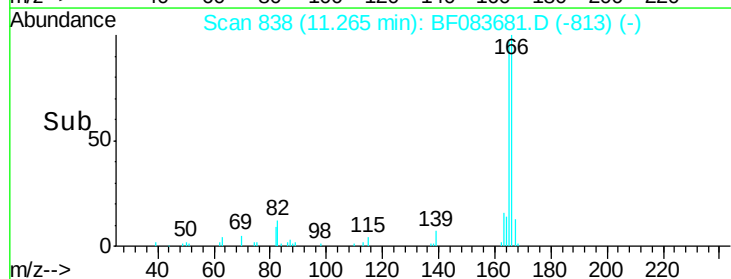
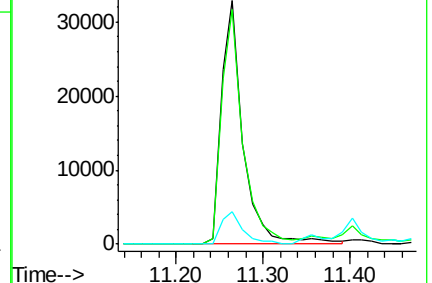
167 13.2 10.6 16.0

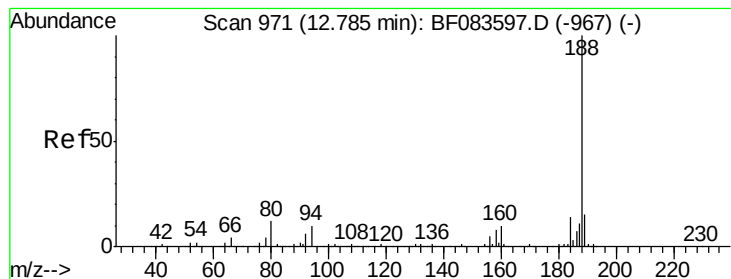


Abundance Ion 166.00 (165.70 to 166.70): E

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: 12.76 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

Instrument :

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ClientSampleId :

SHED-SOUTH-WALLDL2

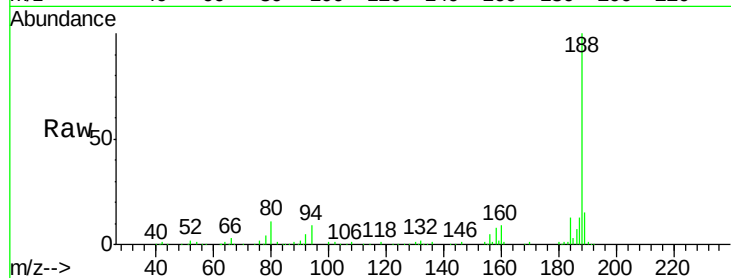
Tgt Ion:188 Resp: 333211

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2

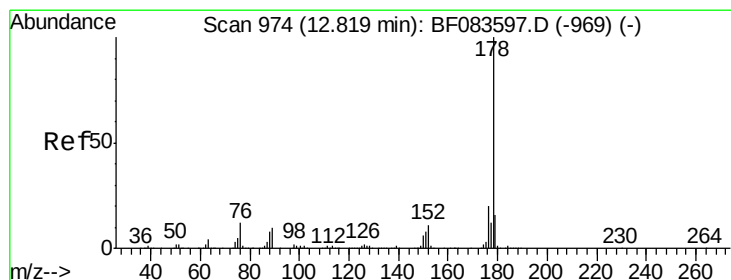
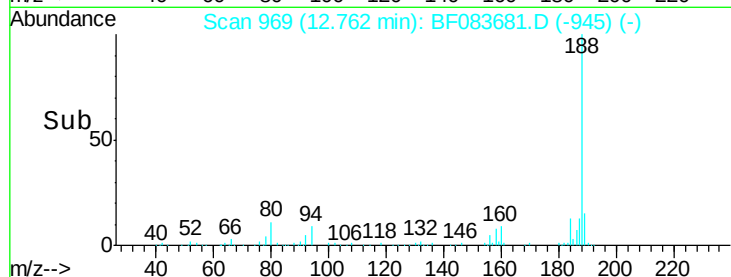
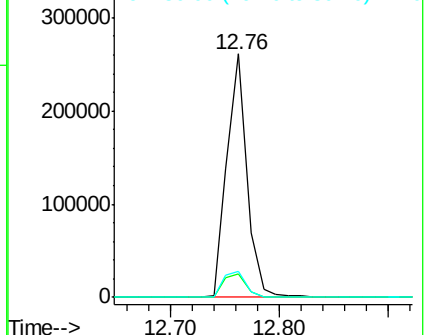
80 10.6 10.6 16.0#



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: 24.59 ng

RT: 12.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

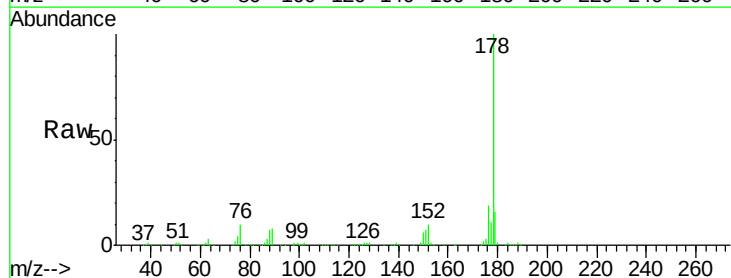
Tgt Ion:178 Resp: 470787

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

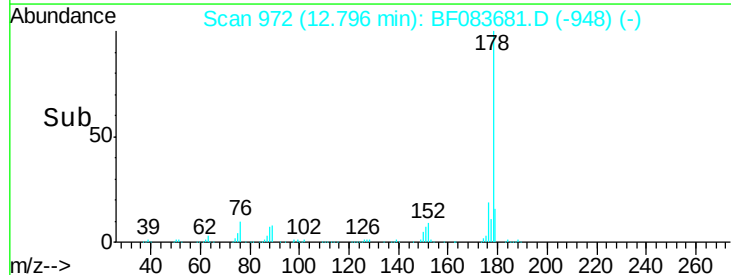
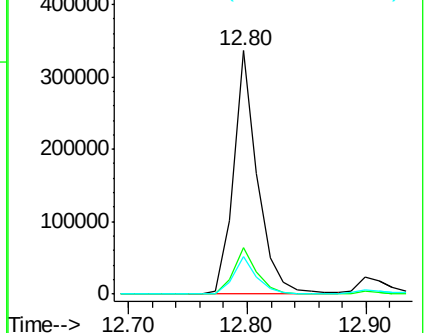
179 15.7 12.2 18.4

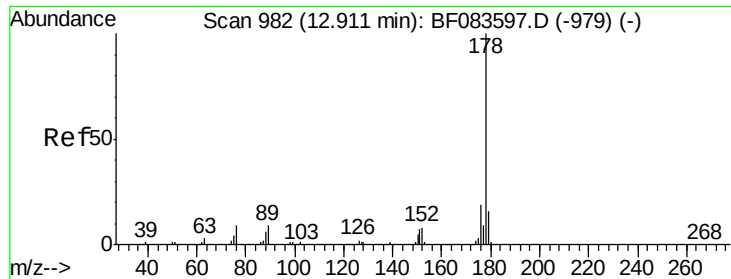


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

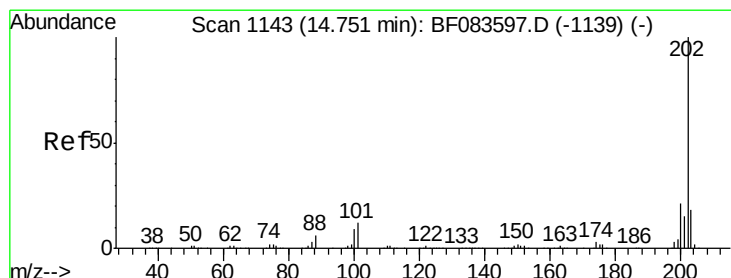
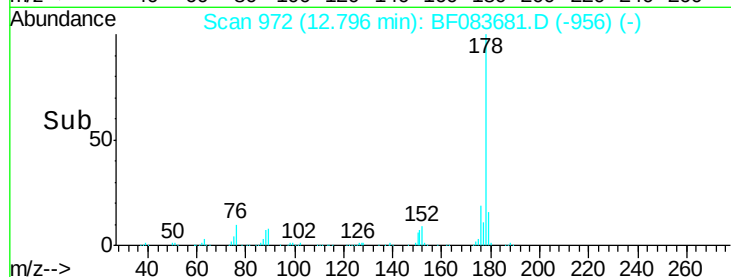
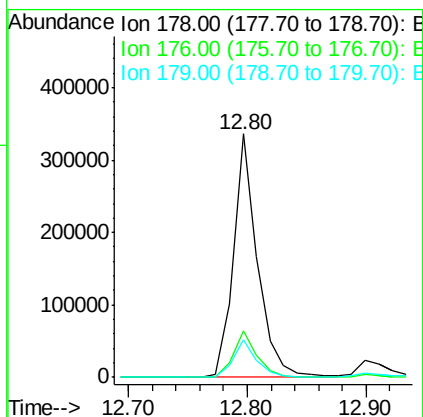
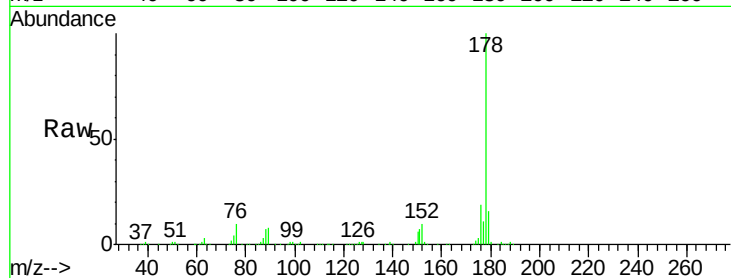




#71
 Anthracene
 Concen: 23.74 ng
 RT: 12.80 min Scan# 972
 Delta R.T. -0.11 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

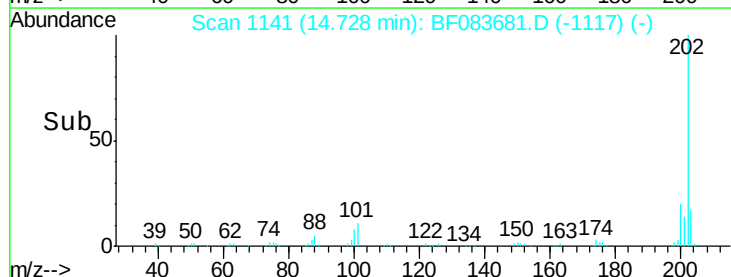
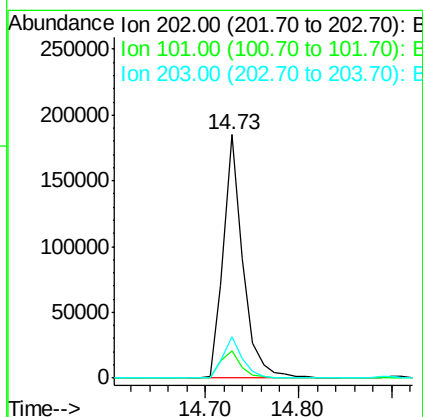
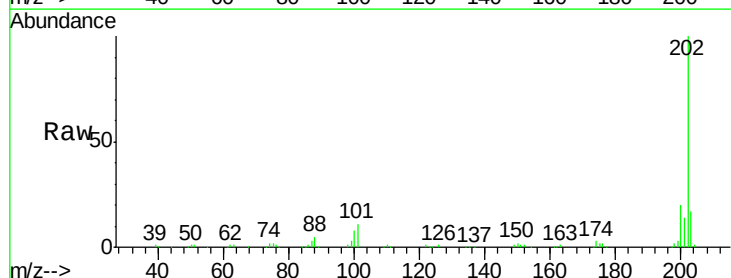
Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

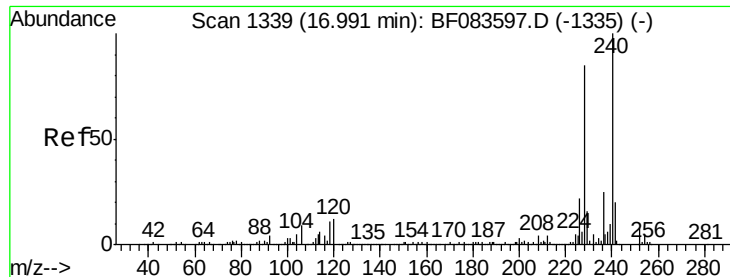
Tgt Ion:178 Resp: 470787
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.7 12.6 18.8



#74
 Fluoranthene
 Concen: 13.81 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

Tgt Ion:202 Resp: 270524
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.5
 203 17.0 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.98 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALLDL2

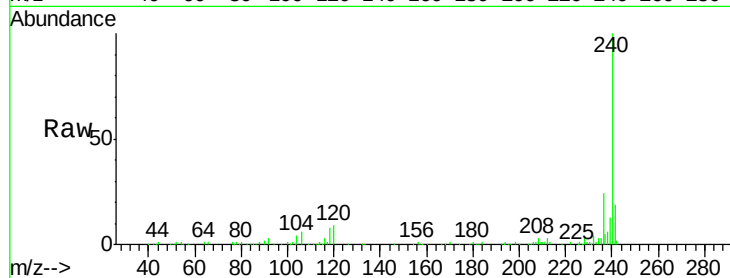
Tgt Ion:240 Resp: 299695

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

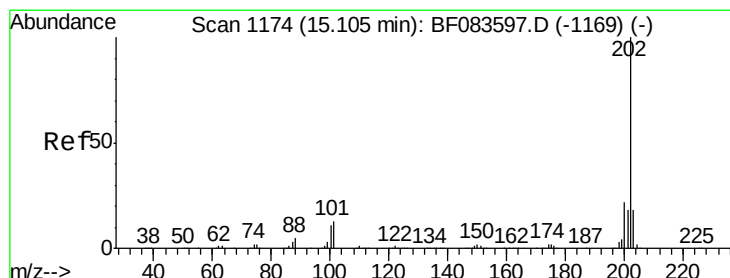
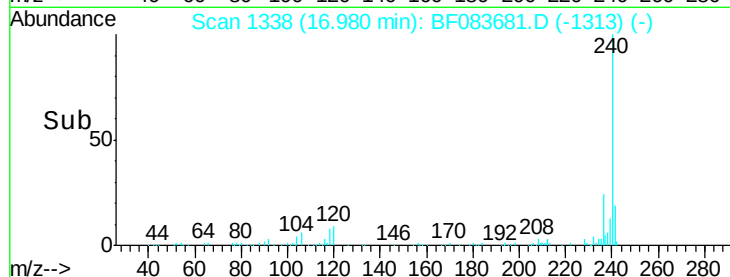
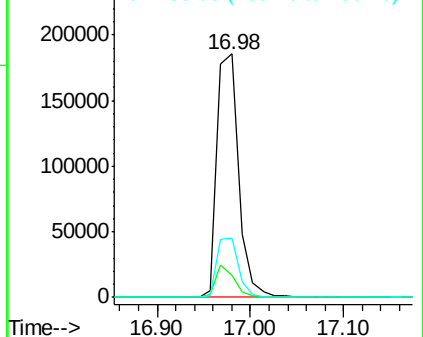
236 24.3 20.8 31.2



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: 7.92 ng

RT: 15.08 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF083681.D

Acq: 10 Dec 2015 12:43

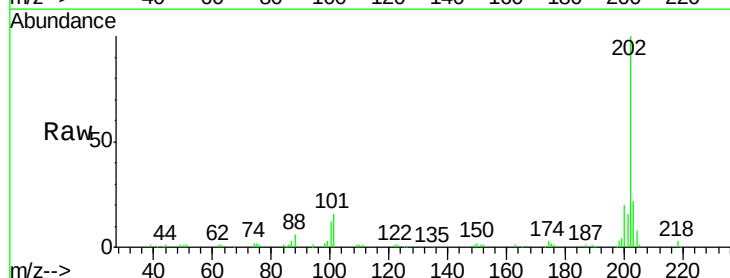
Tgt Ion:202 Resp: 170870

Ion Ratio Lower Upper

202 100

200 20.3 16.7 25.1

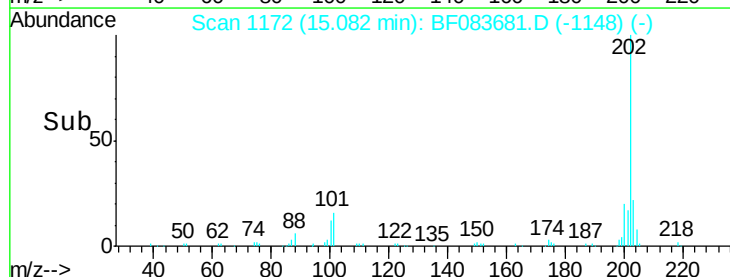
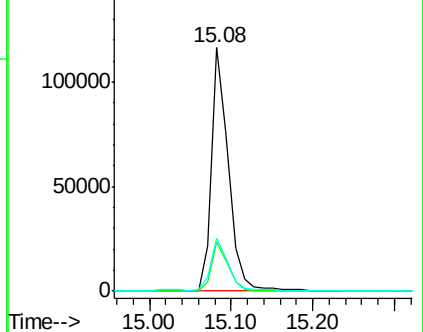
203 21.9 14.3 21.5#

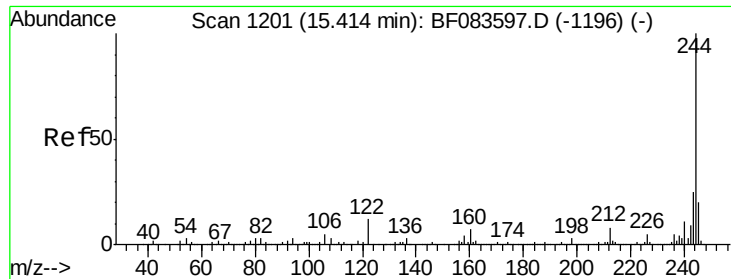


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

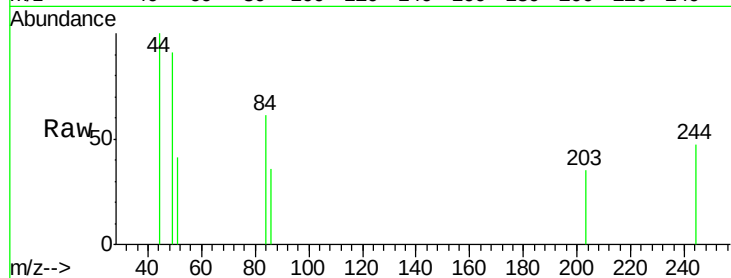




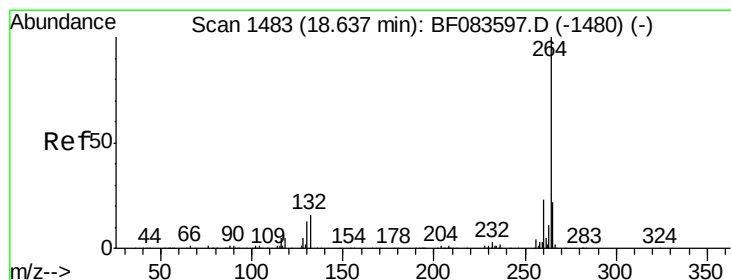
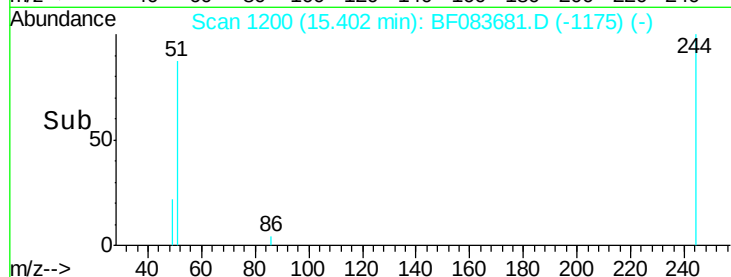
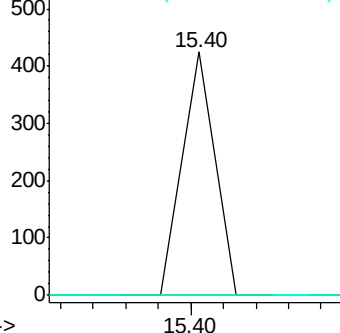
#78
 Terphenyl-d14
 Concen: 0.02 ng
 RT: 15.40 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

Tgt Ion: 244 Resp: 292
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.1 9.1#
 122 0.0 11.0 16.6#

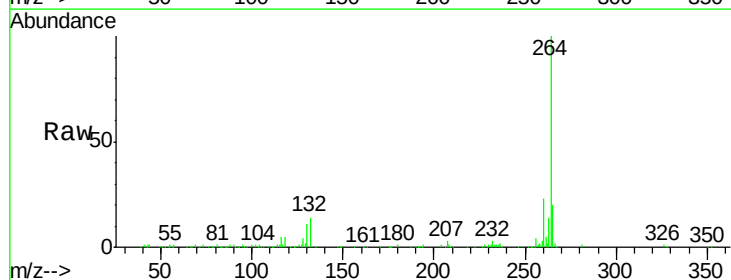


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF083681.D
 Acq: 10 Dec 2015 12:43

Tgt Ion: 264 Resp: 232802
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.0
 265 20.4 17.8 26.6



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

