Quantitation Report (Not Reviewed)

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							Qvalue
51) Acenaphthene	10.42	154	47298	3.45	ng		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

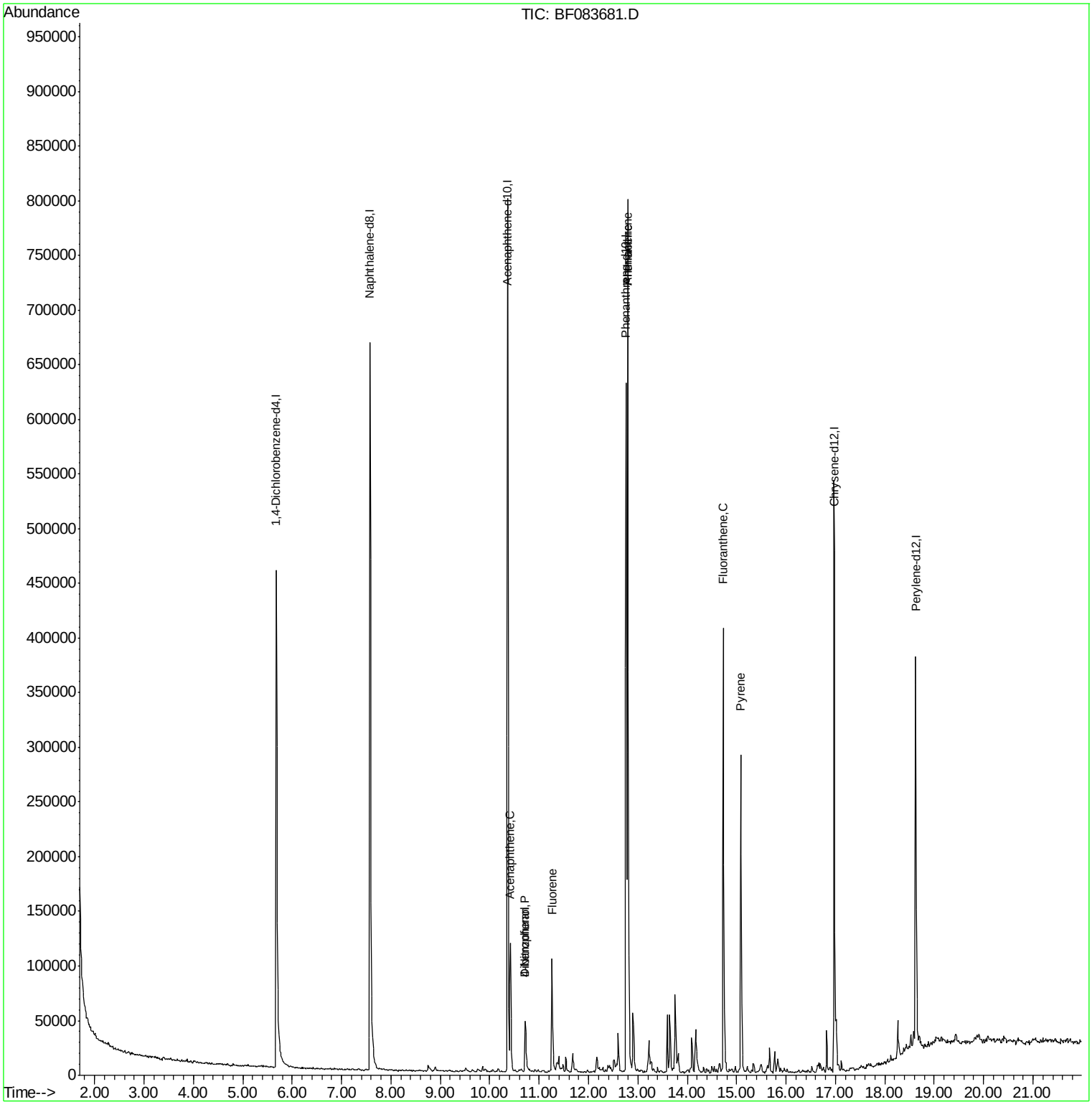
(#) = qualifier out of range (m) = manual integration (+) = signals summed

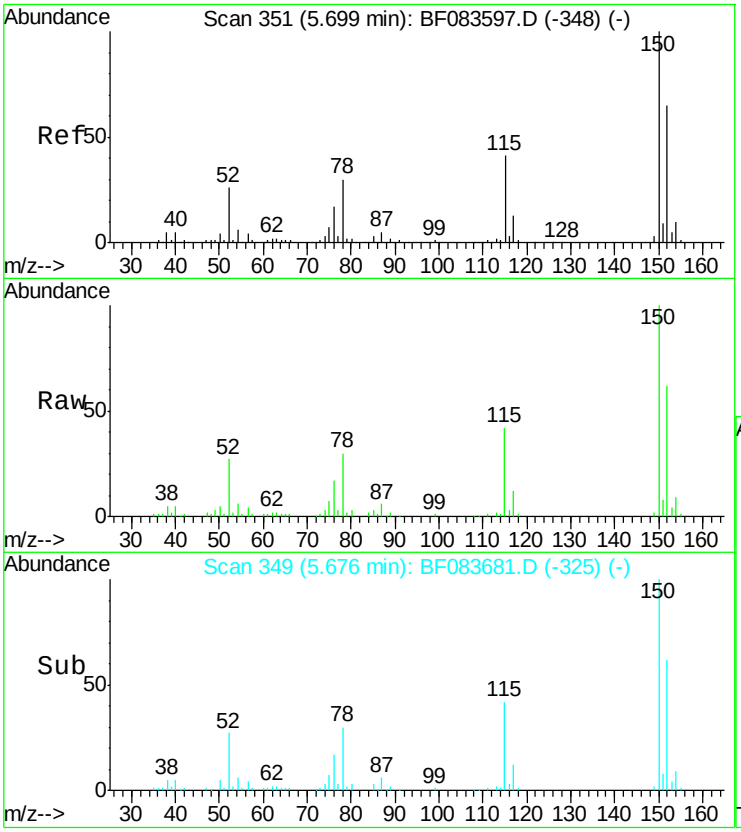
Quantitation Report (Not Reviewed)

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



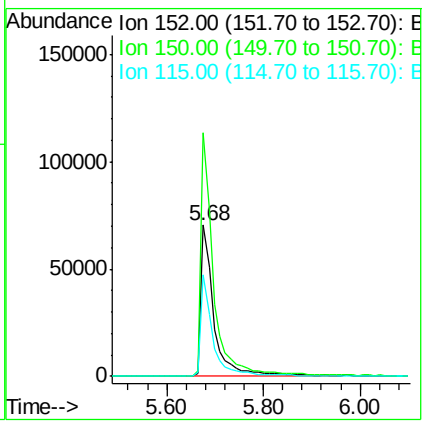


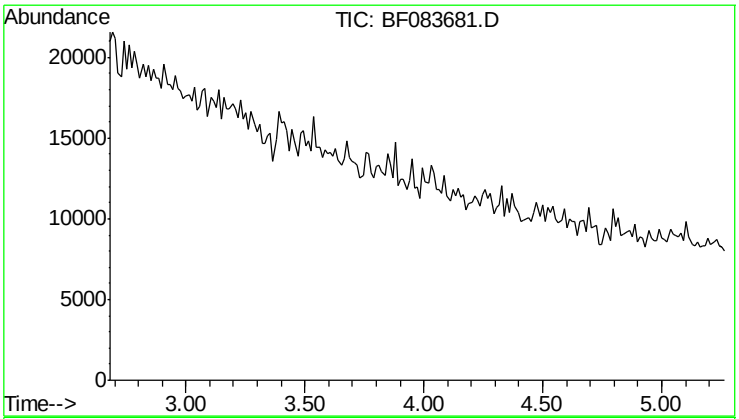
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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



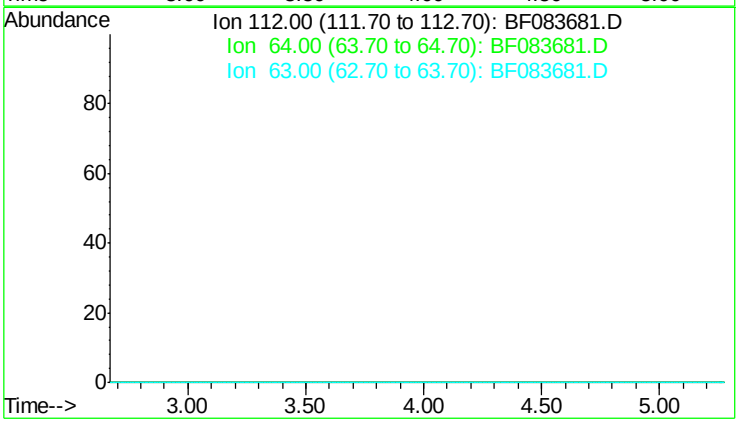


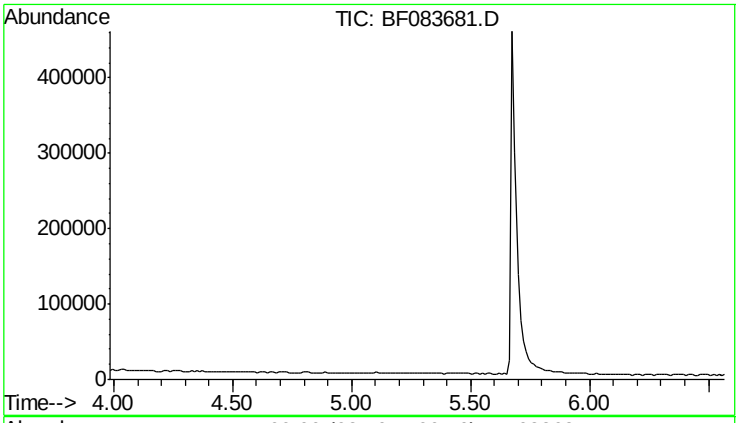
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 3.97 min

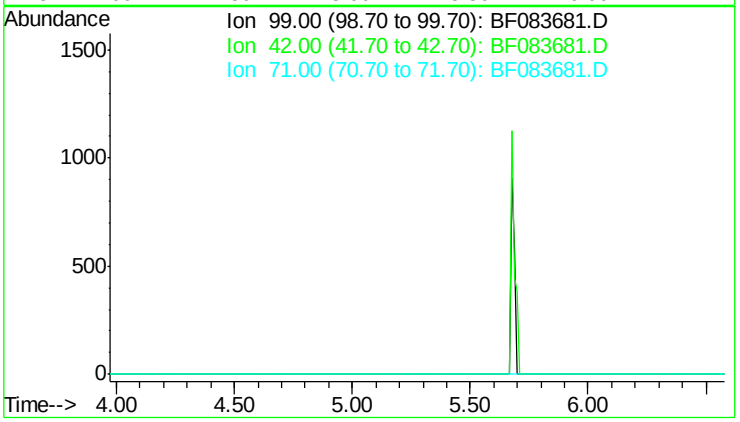
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	63.1
63	32.2







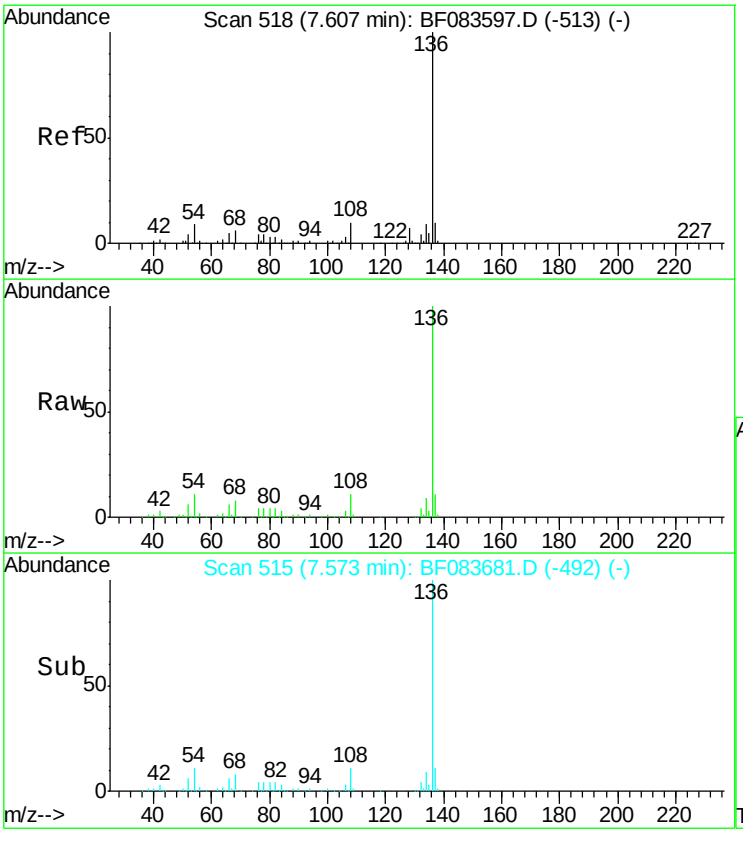
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 5.28 min

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

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.6
71	33.3

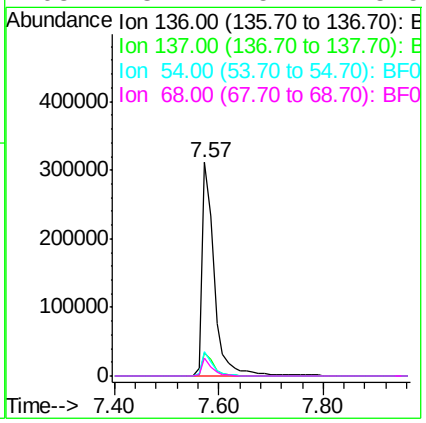
Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

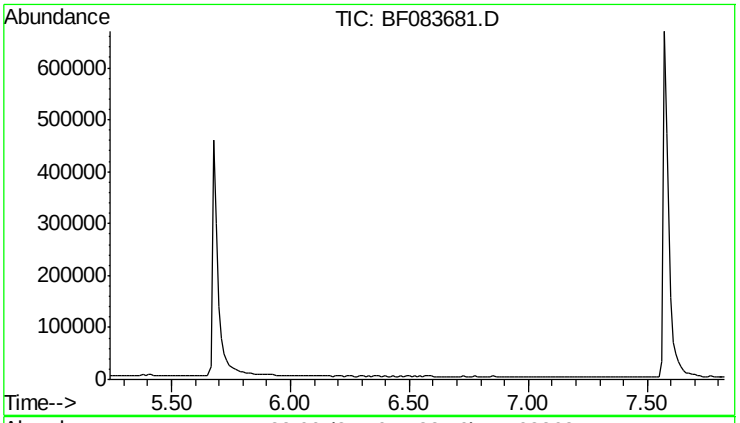


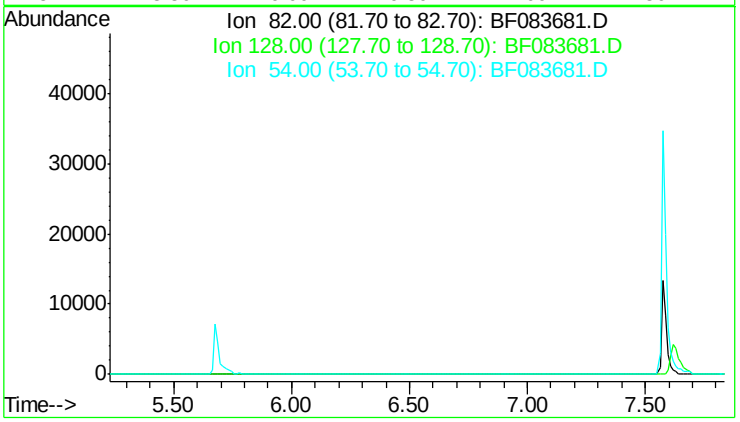
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.57 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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







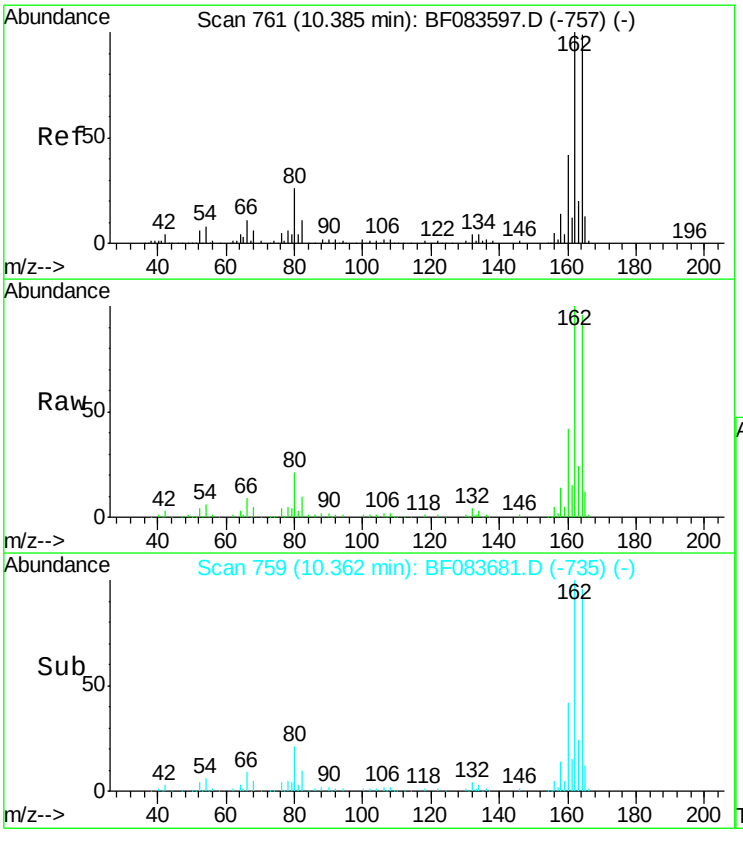
#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 6.53 min

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

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	38.4
54	53.1

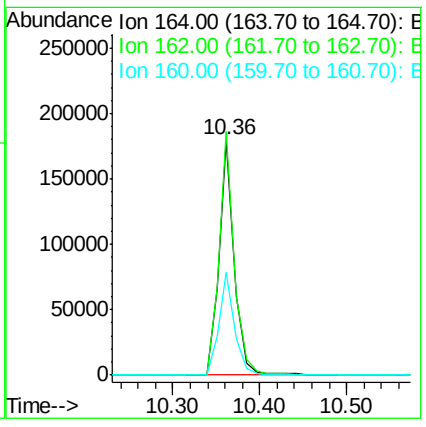
Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

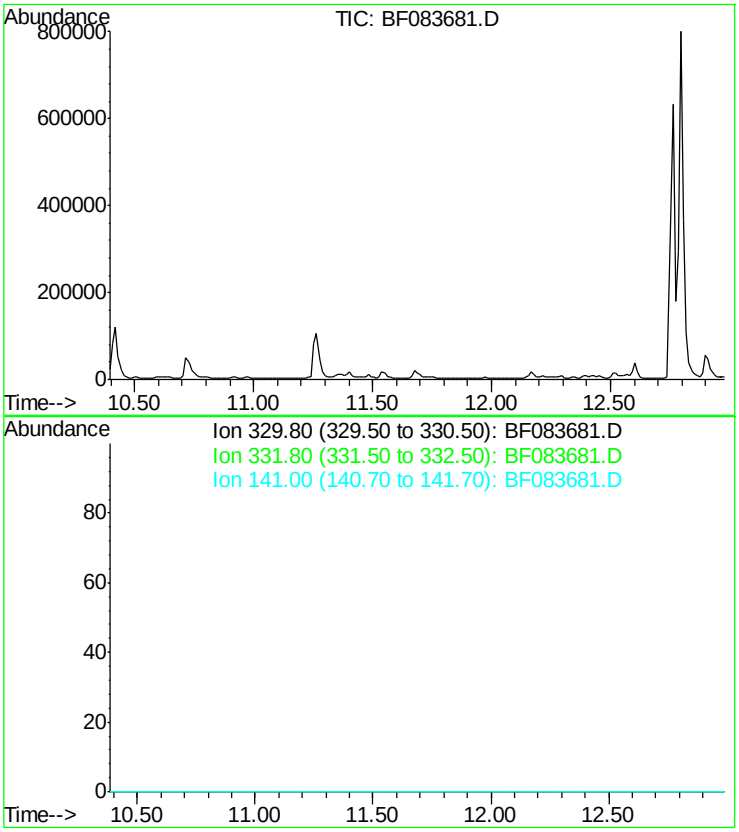


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Tgt Ion:164 Resp: 221467

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





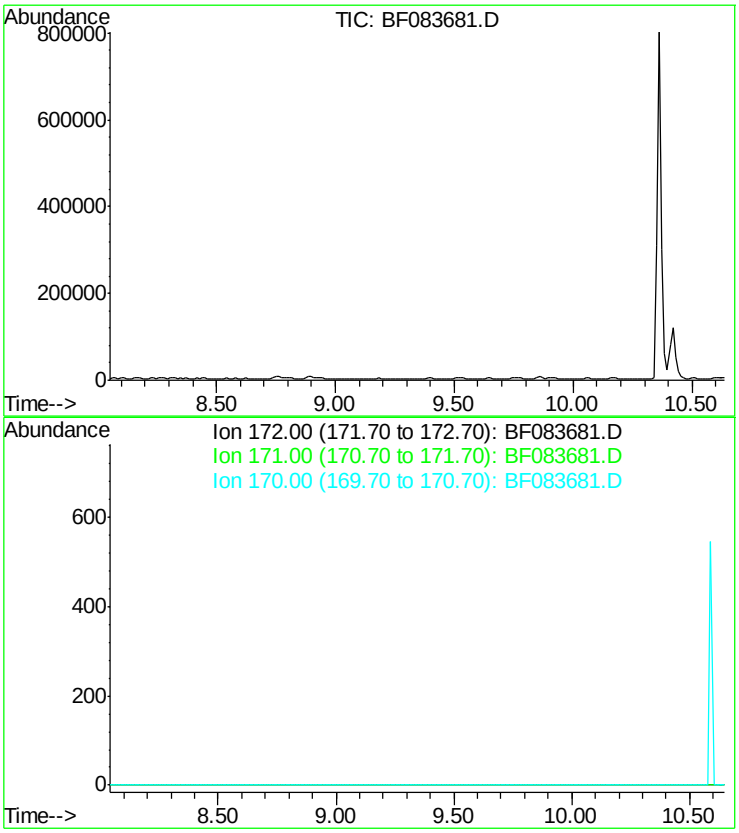
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 11.69 min

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

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	0.0
141	0.0

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

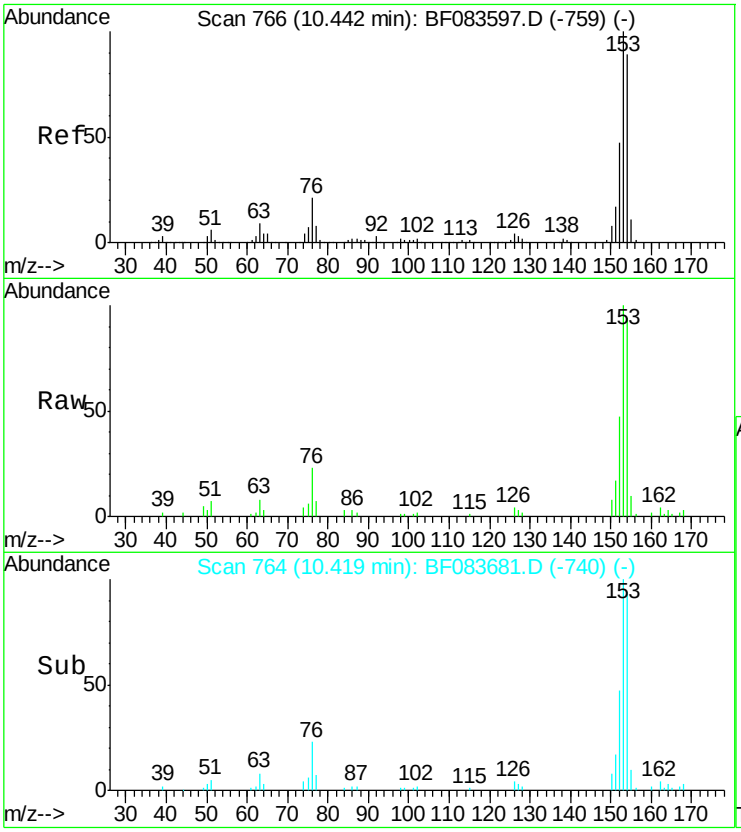


#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.34 min

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

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.7
170	24.2

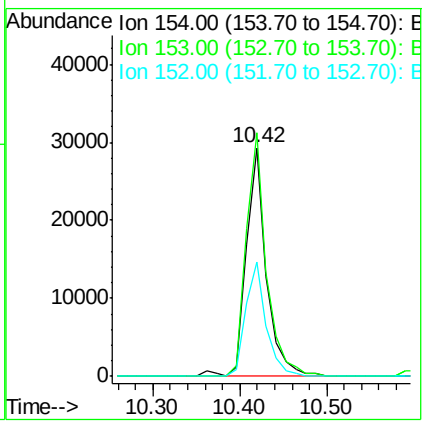


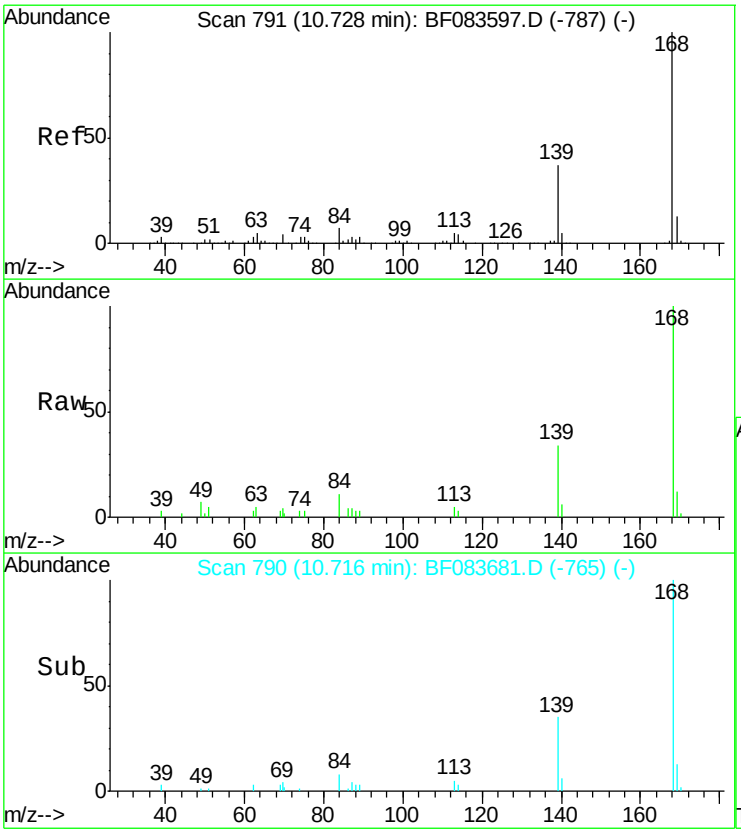
#51
Acenaphthene
Concen: 3.45 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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

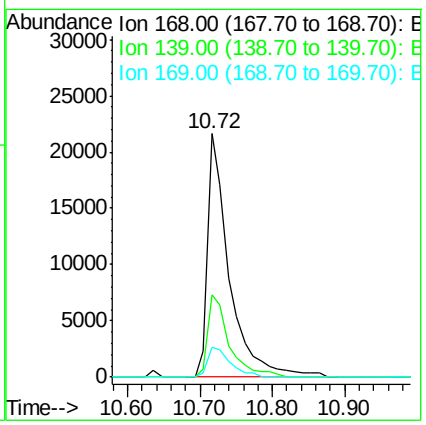


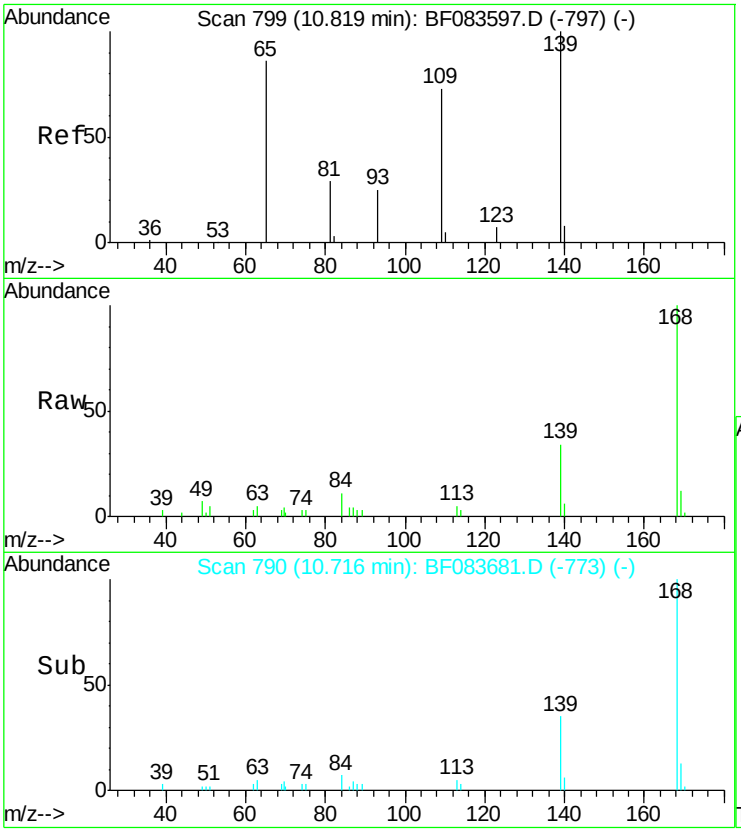


#54
Dibenzofuran
Concen: 2.34 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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



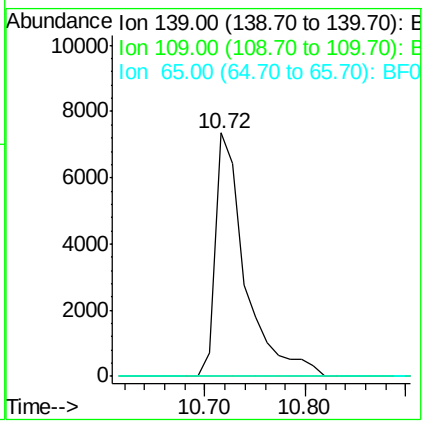


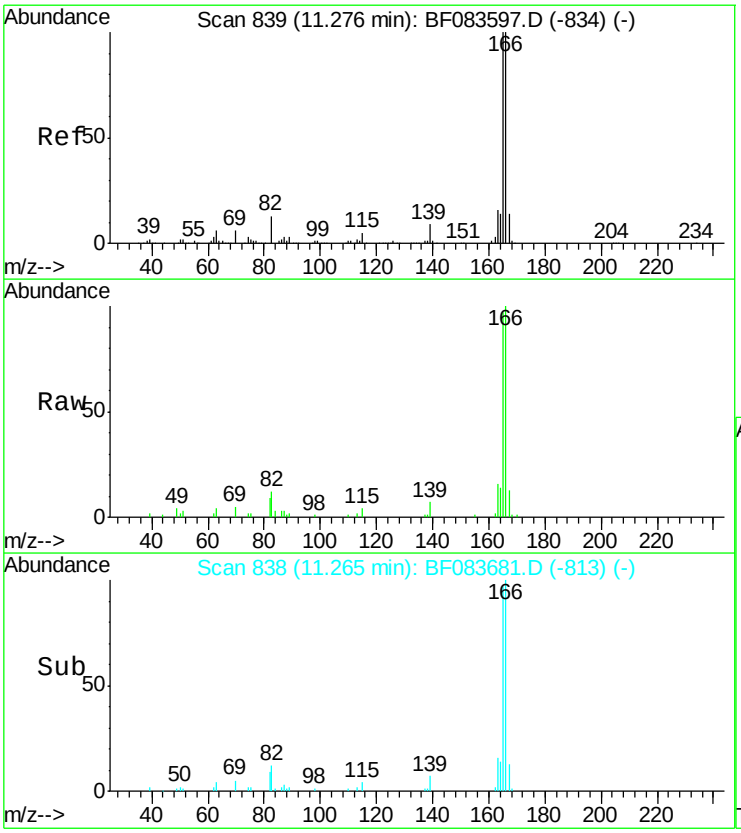
#55
4-Nitrophenol
Concen: 8.86 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.10 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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#

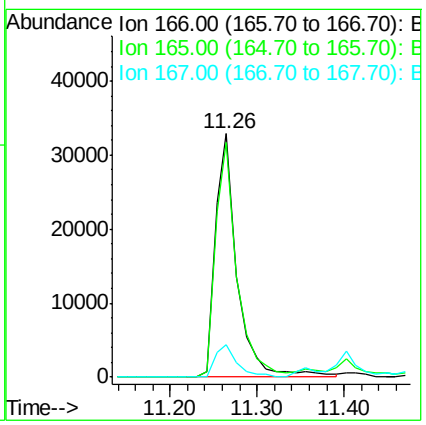


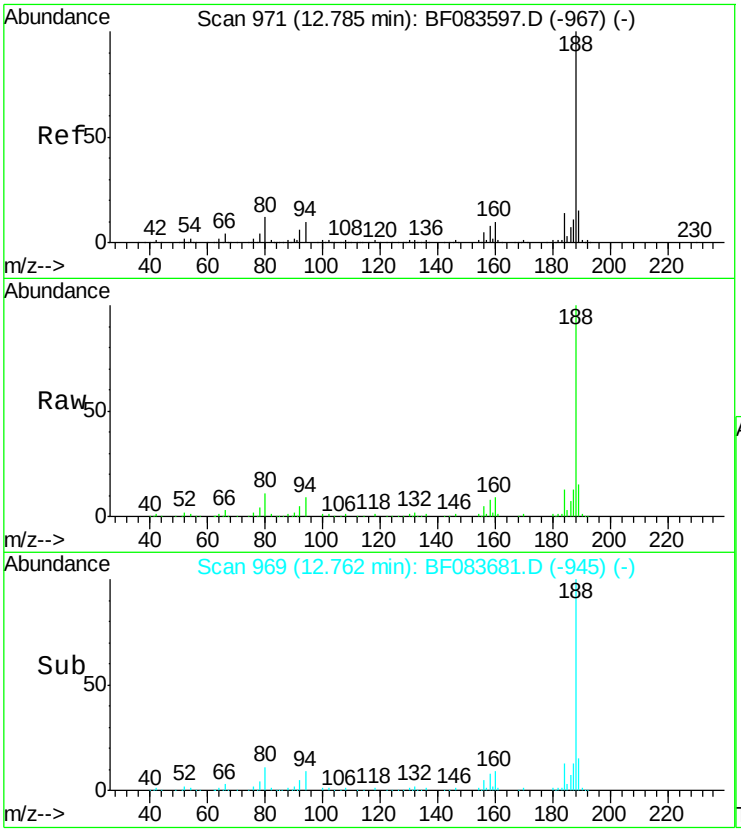


#57
Fluorene
Concen: 3.49 ng
RT: 11.26 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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



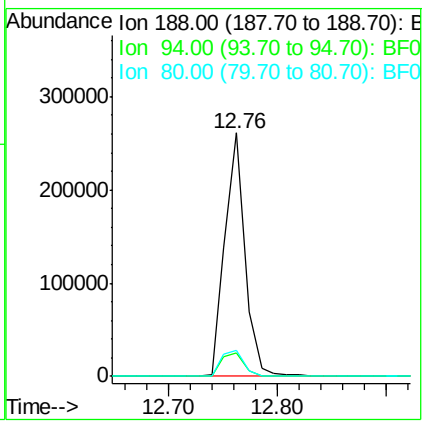


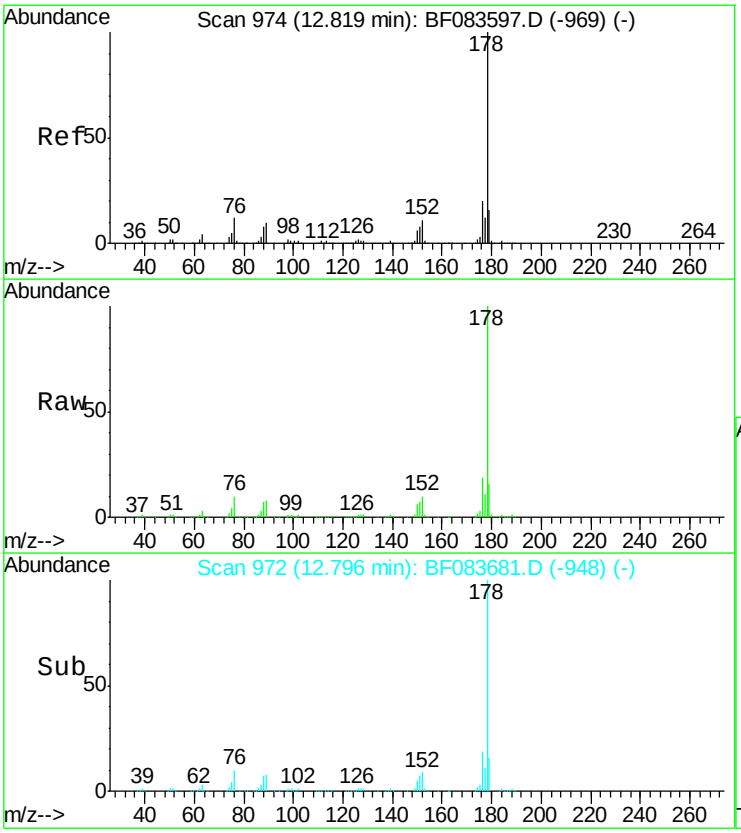
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

Instrument :
BNA_F
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#

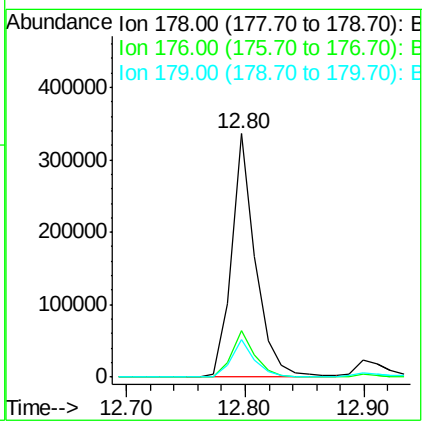


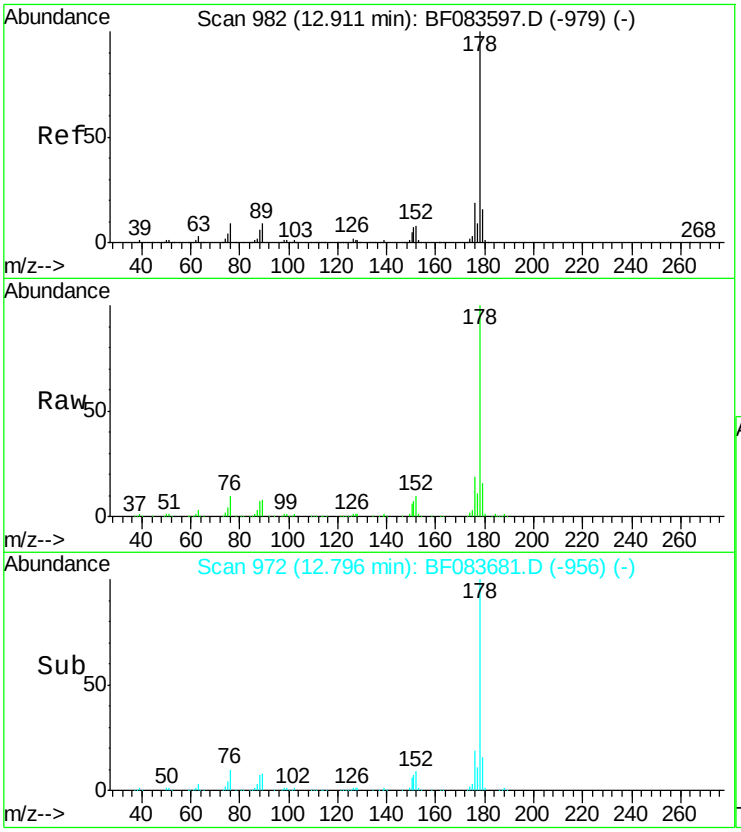


#70
Phenanthrene
Concen: 24.59 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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



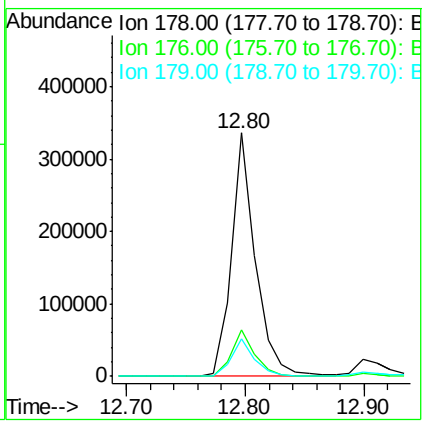


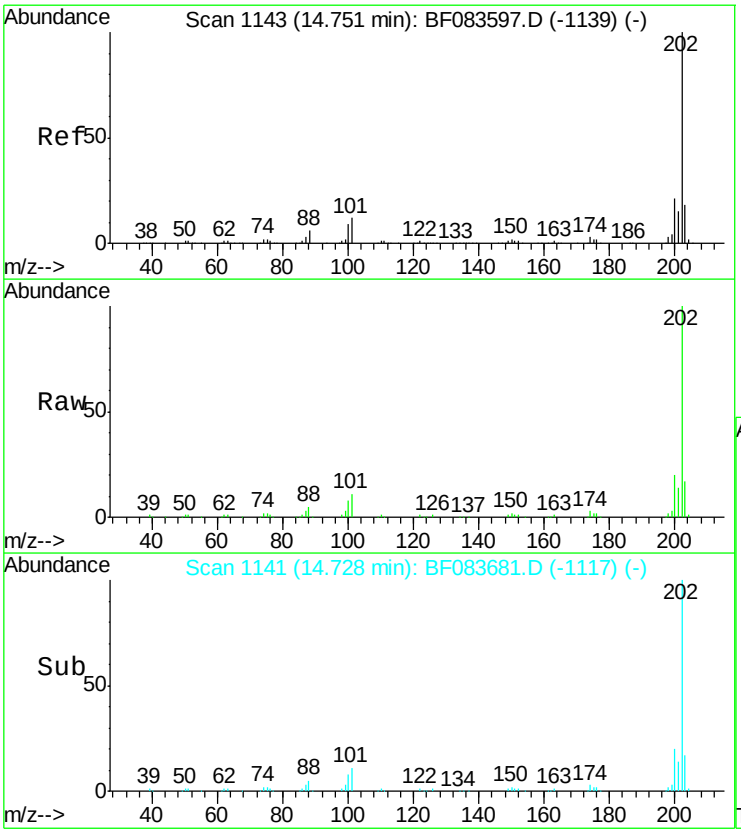
#71
Anthracene
Concen: 23.74 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.11 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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

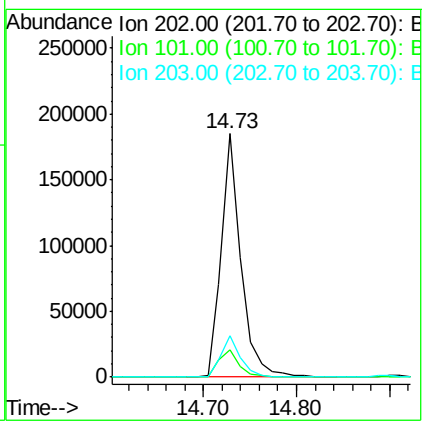


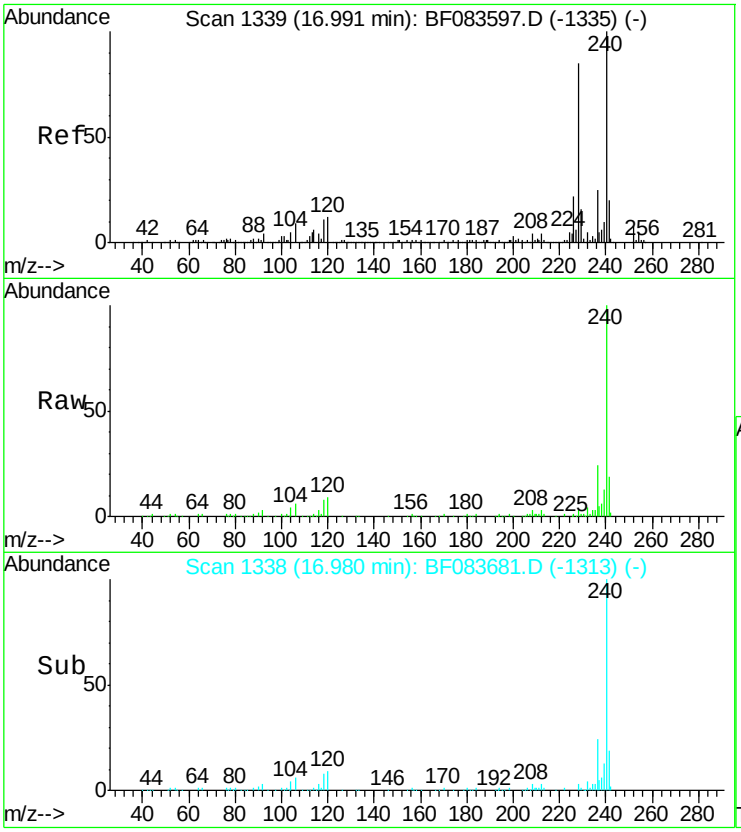


#74
Fluoranthene
Concen: 13.81 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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



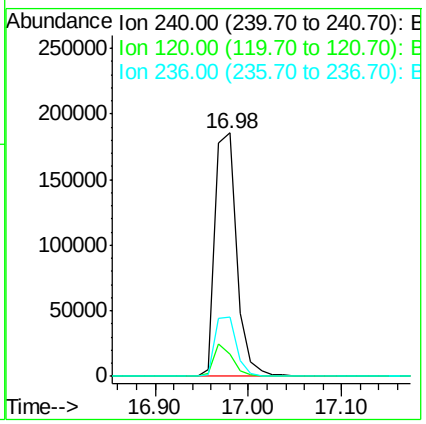


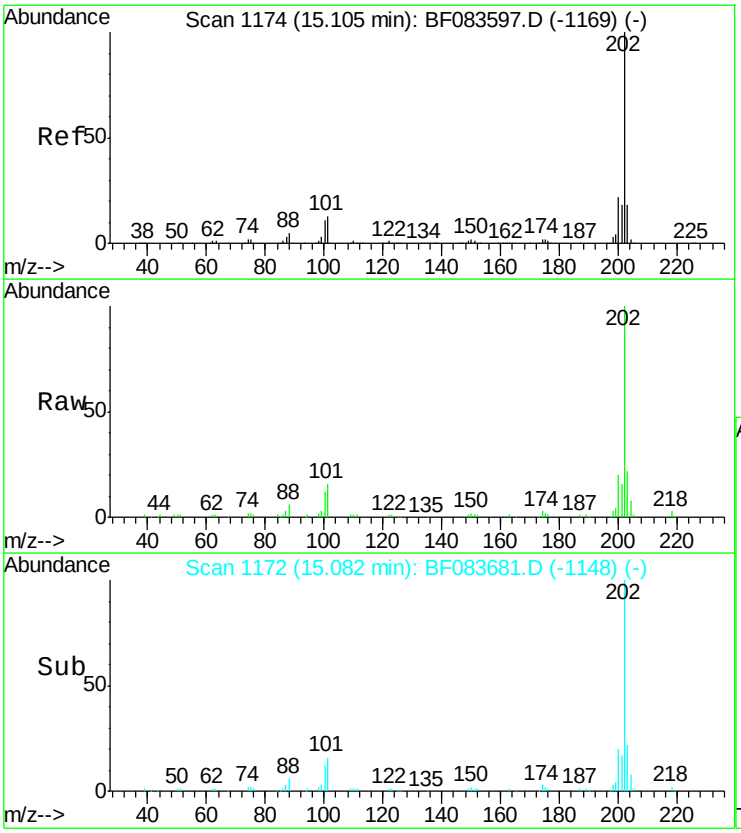
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.98 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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

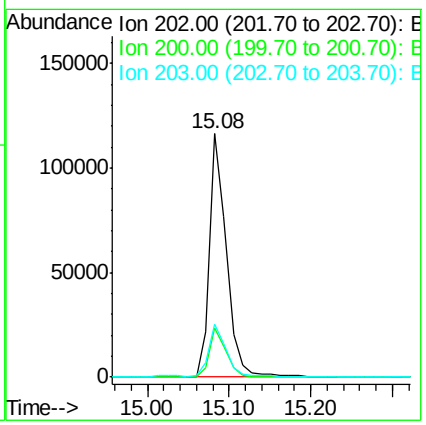


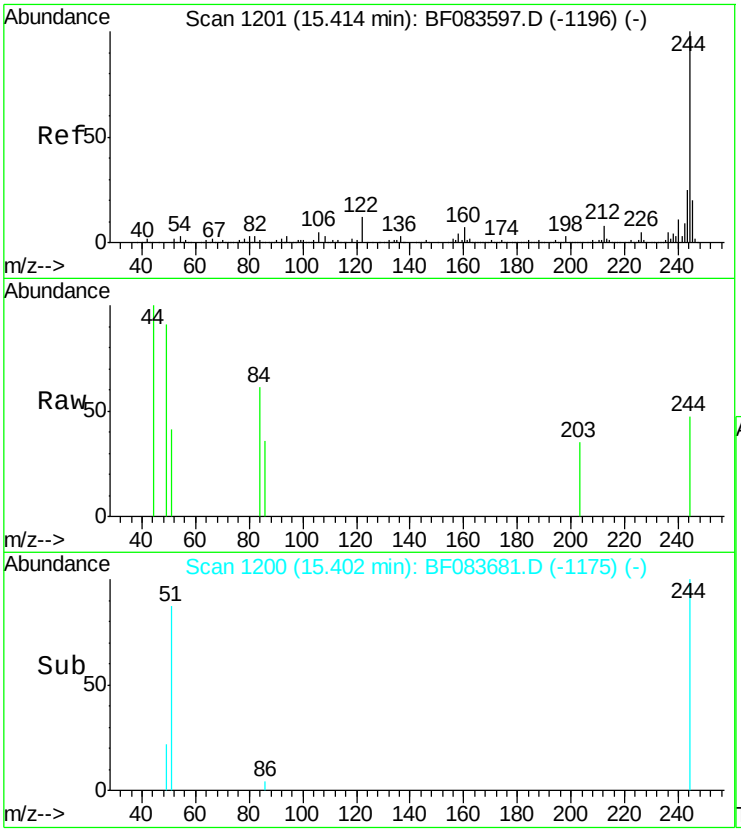


#77
Pyrene
Concen: 7.92 ng
RT: 15.08 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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#



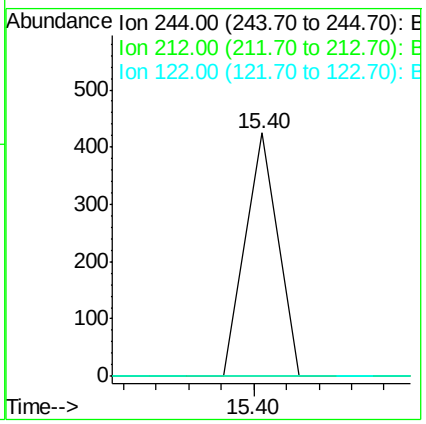


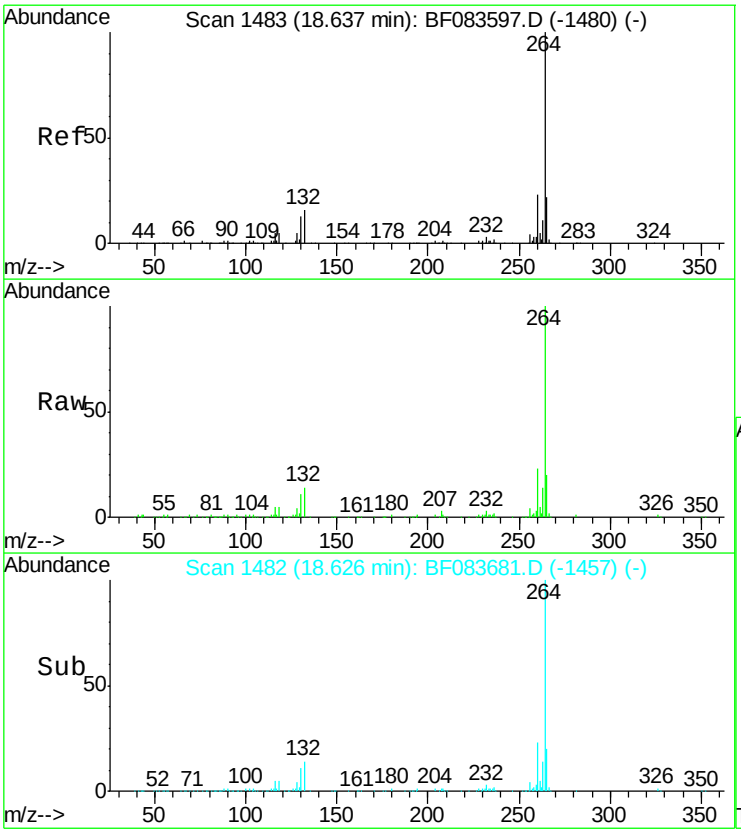
#78
Terphenyl-d14
Concen: 0.02 ng
RT: 15.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF083681.D
Acq: 10 Dec 2015 12:43

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#





#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