Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Time: Mar 22 00:52:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	203419	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	824251	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	384095	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	597257	20.00	ng		0.00
75) Chrysene-d12	13.97	240	399997	20.00	ng		0.00
86) Perylene-d12	15.37	264	361258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1074923	92.41	ng		0.01
7) Phenol-d6	6.46	99	1048337	72.93	ng		0.00
23) Nitrobenzene-d5	7.38	82	1100277	75.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	380352	127.85	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1796738	78.66	ng		0.00
78) Terphenyl-d14	12.93	244	1237981	63.10	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	50391	3.12	ng		80
51) Acenaphthene	9.90	154	105120	4.52	ng		99
55) 4-Nitrophenol	10.06	139	11992	2.22	ng		75
65) n-Nitrosodiphenylamine	10.53	169	59959	3.01	ng	#	51
66) 4-Bromophenyl-phenylether	10.65	248	26151	4.55	ng	#	1
70) Phenanthrene	11.36	178	167054	5.25	ng		99
71) Anthracene	11.36	178	167054	5.10	ng		99
74) Fluoranthene	12.55	202	124062	3.79	ng		97
77) Pyrene	12.77	202	162973	4.90	ng		96
83) Bis(2-ethylhexyl)phthalate	13.97	149	184264	10.28	ng		99

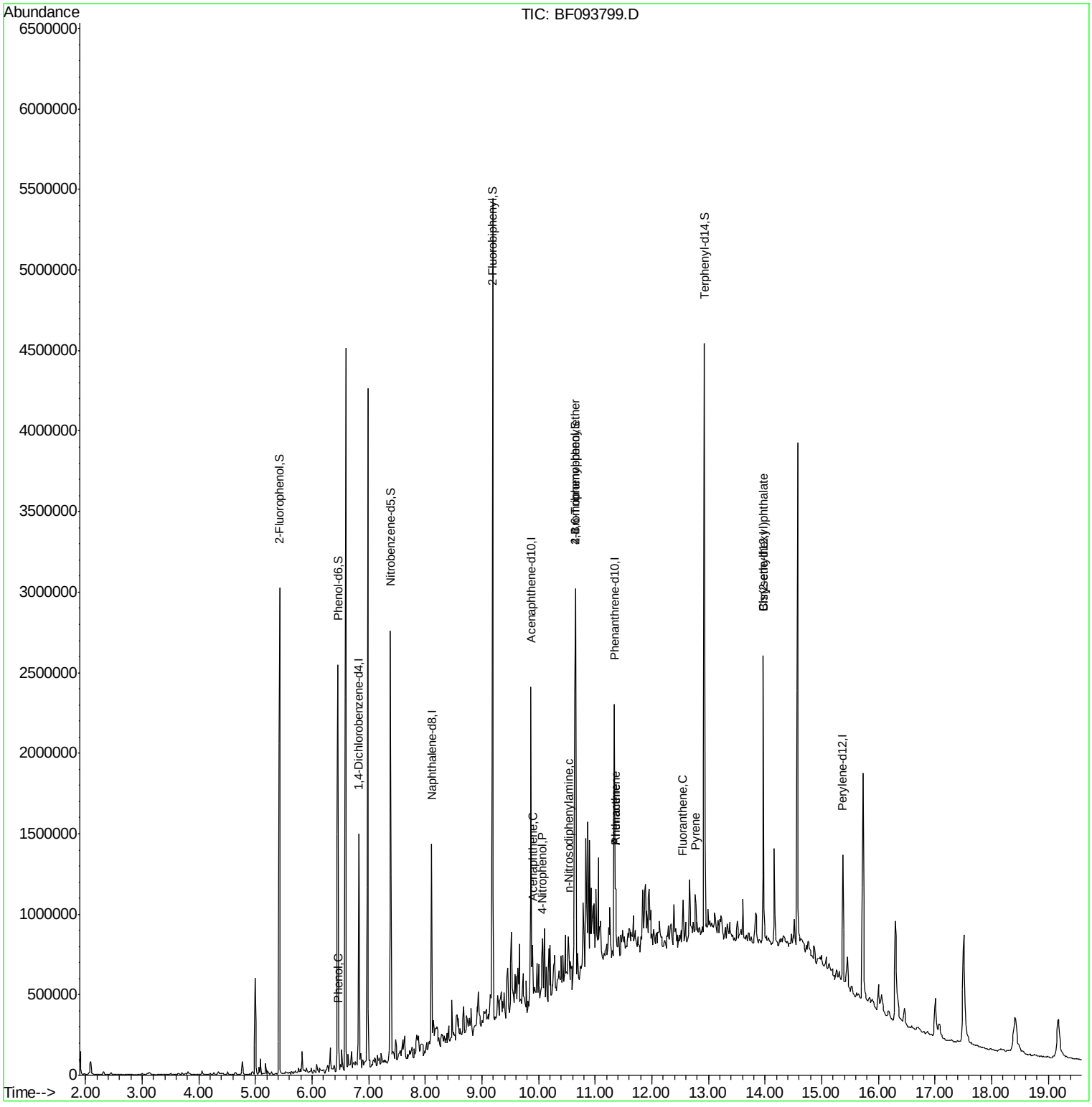
(#) = qualifier out of range (m) = manual integration (+) = signals summed

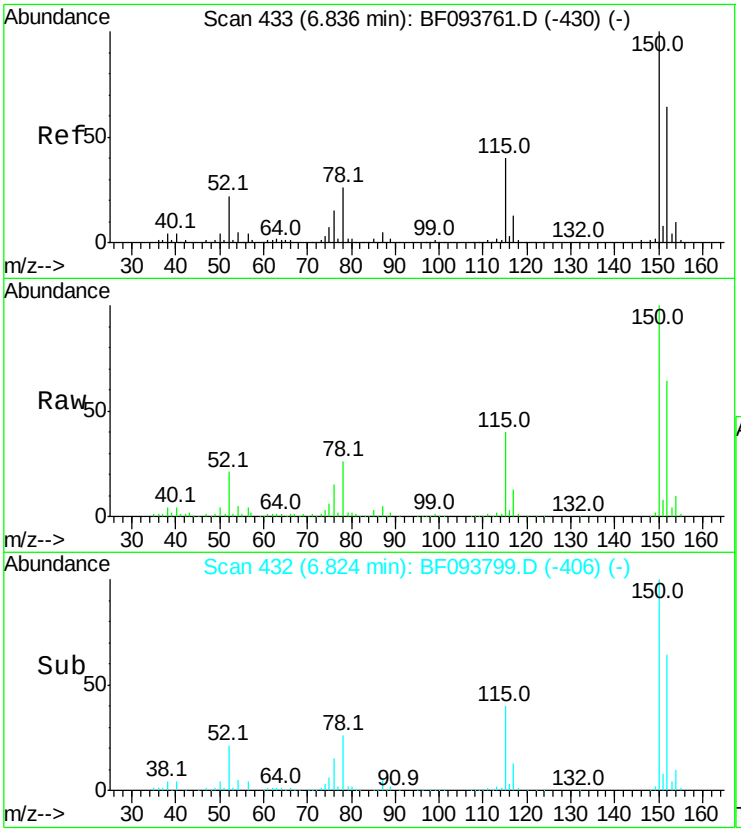
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093799.D
Acq On : 21 Mar 2017 15:41
Operator : SJ/MA
Sample : I2263-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-104S

Quant Time: Mar 22 00:52:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration



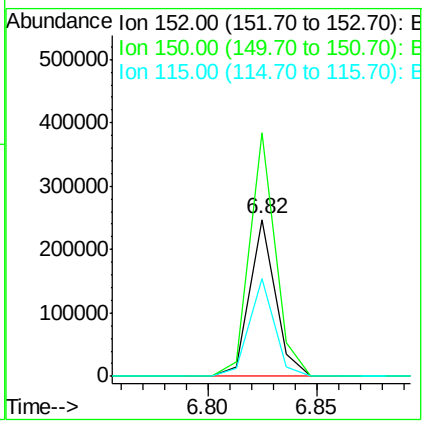


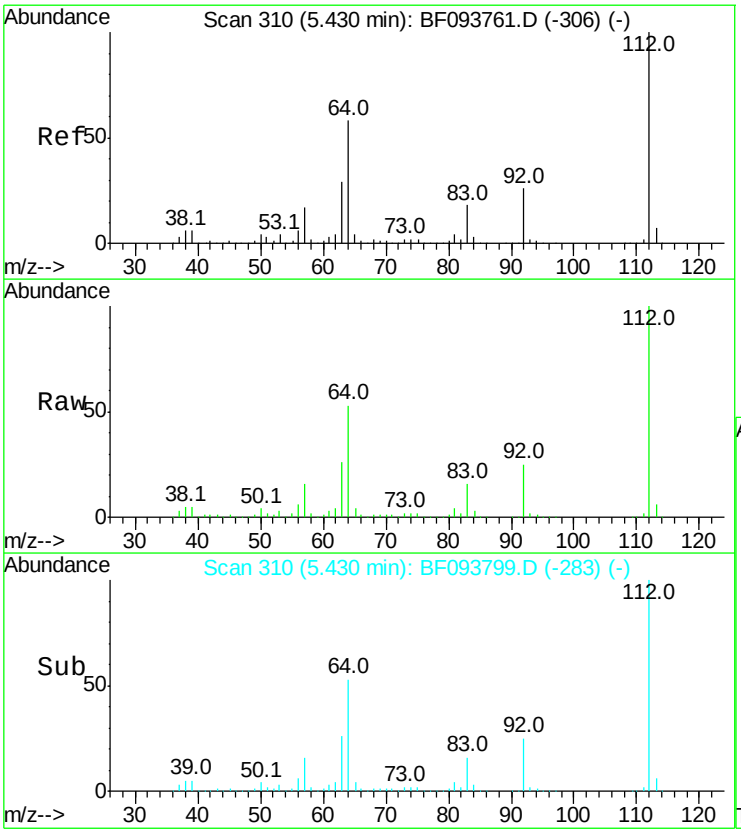
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:152 Resp: 203419

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	62.1	52.2	78.2

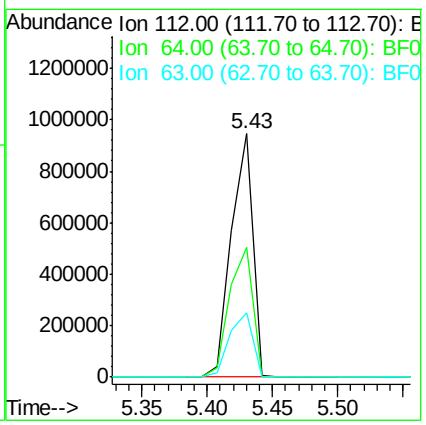


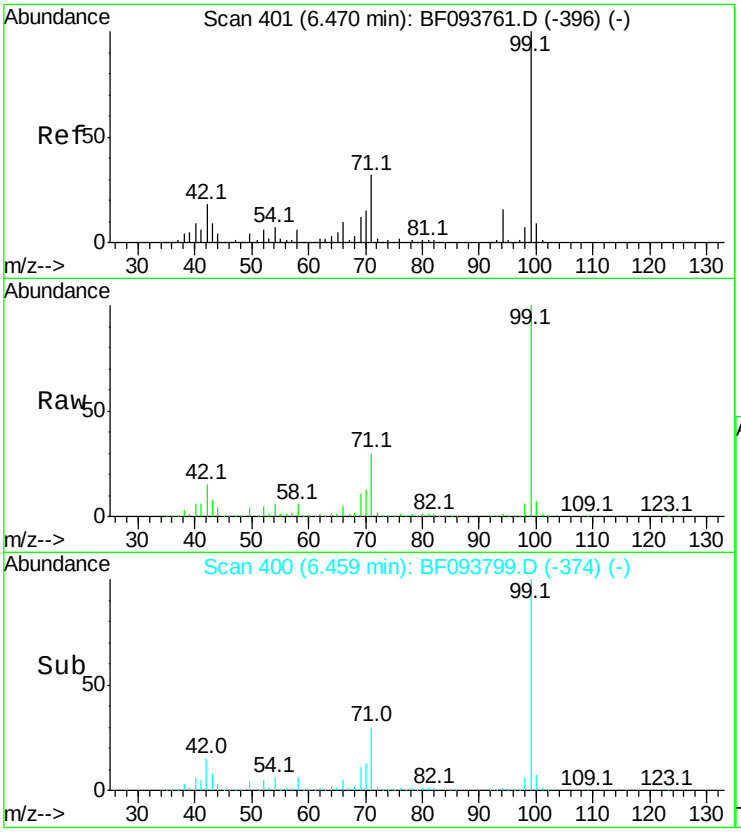


#5
2-Fluorophenol
Concen: 92.41 ng
RT: 5.43 min Scan# 310
Delta R.T. 0.01 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion:112 Resp: 1074923

Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	26.4	23.4	35.0



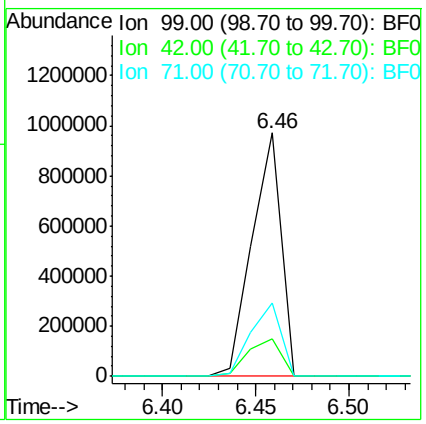


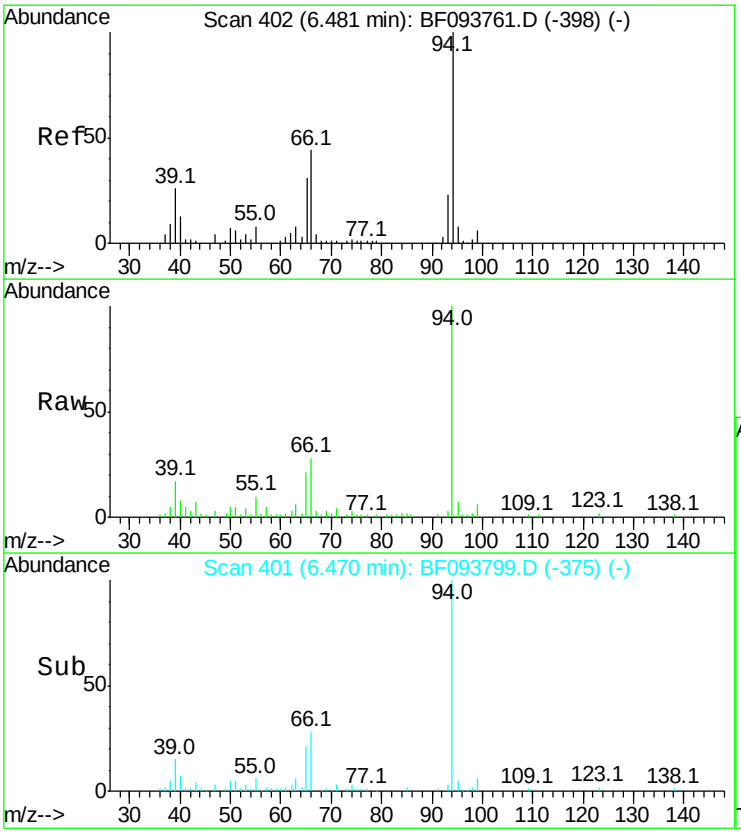
#7
Phenol-d6
Concen: 72.93 ng
RT: 6.46 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion: 99 Resp: 1048337

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	30.2	24.5	36.7

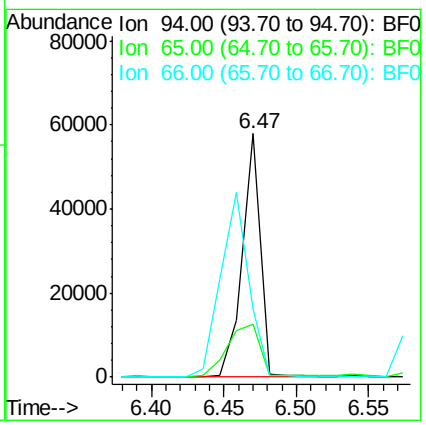


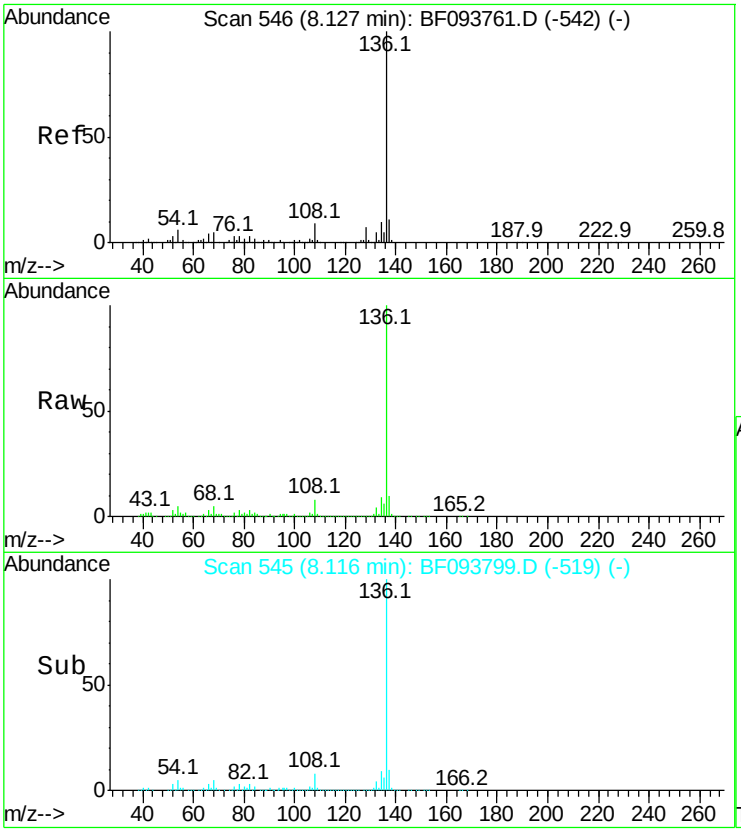


#10
Phenol
Concen: 3.12 ng
RT: 6.47 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion: 94 Resp: 50391

Ion	Ratio	Lower	Upper
94	100		
65	21.5	9.9	49.9
66	28.0	23.1	63.1



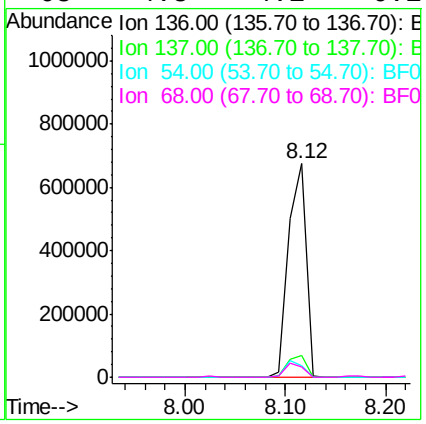


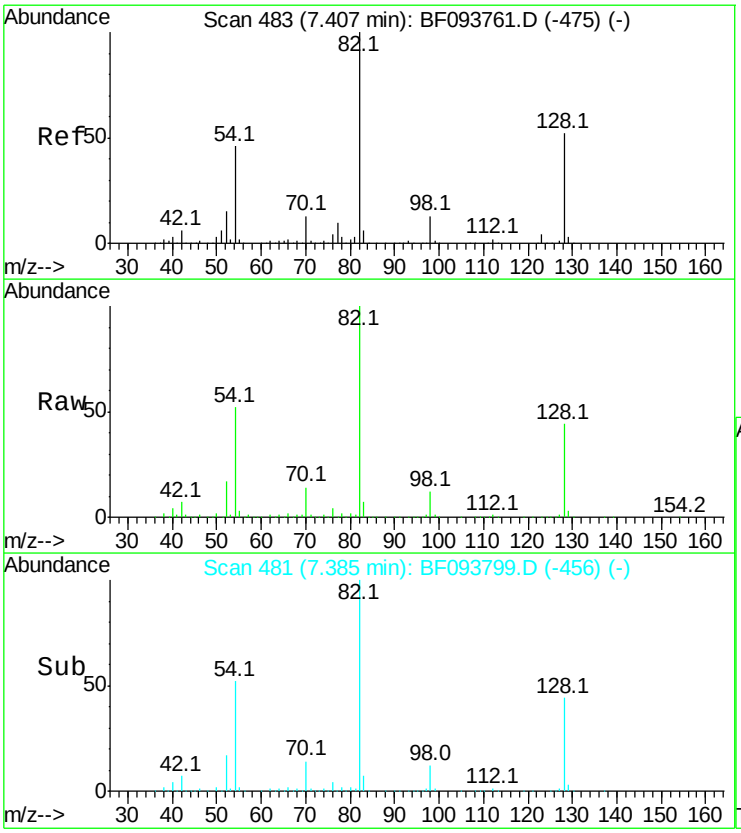
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:136 Resp: 824251

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	5.4	4.9	7.3
68	4.8	4.1	6.1

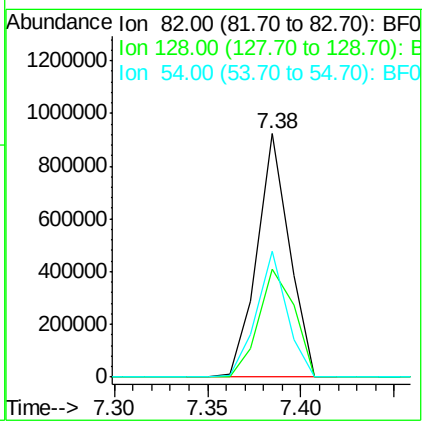


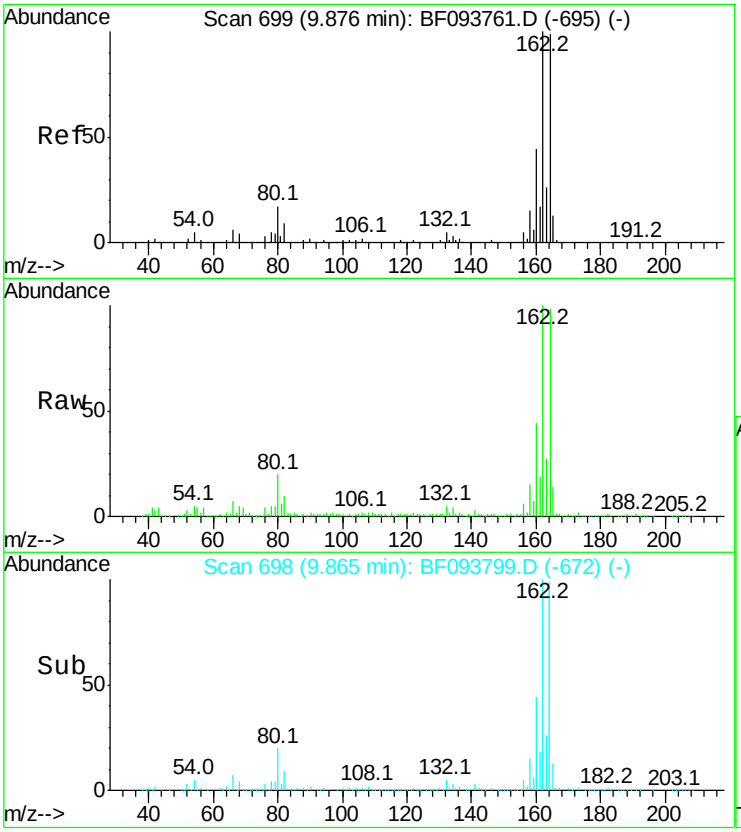


#23
Nitrobenzene-d5
Concen: 75.72 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion: 82 Resp: 1100277

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.0	51.0
54	51.5	42.2	63.2



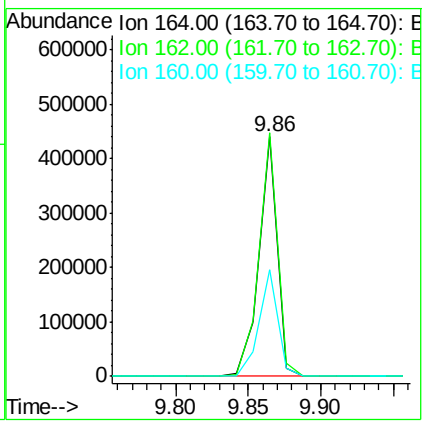


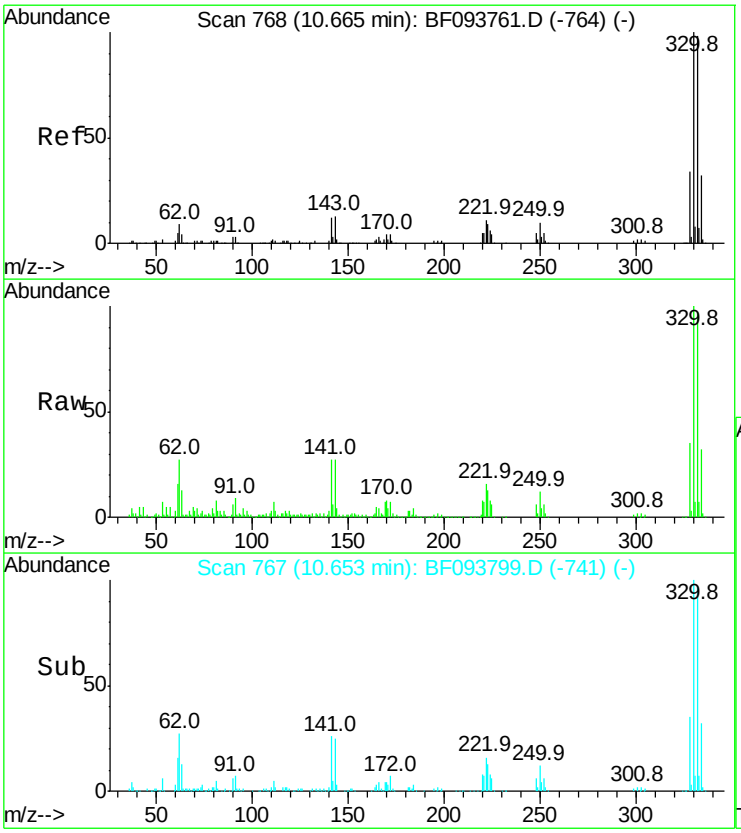
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:164 Resp: 384095

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	44.7	36.2	54.2

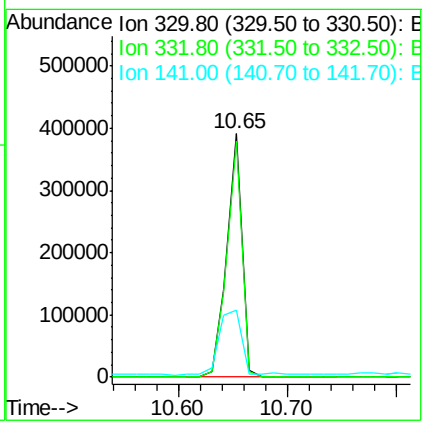


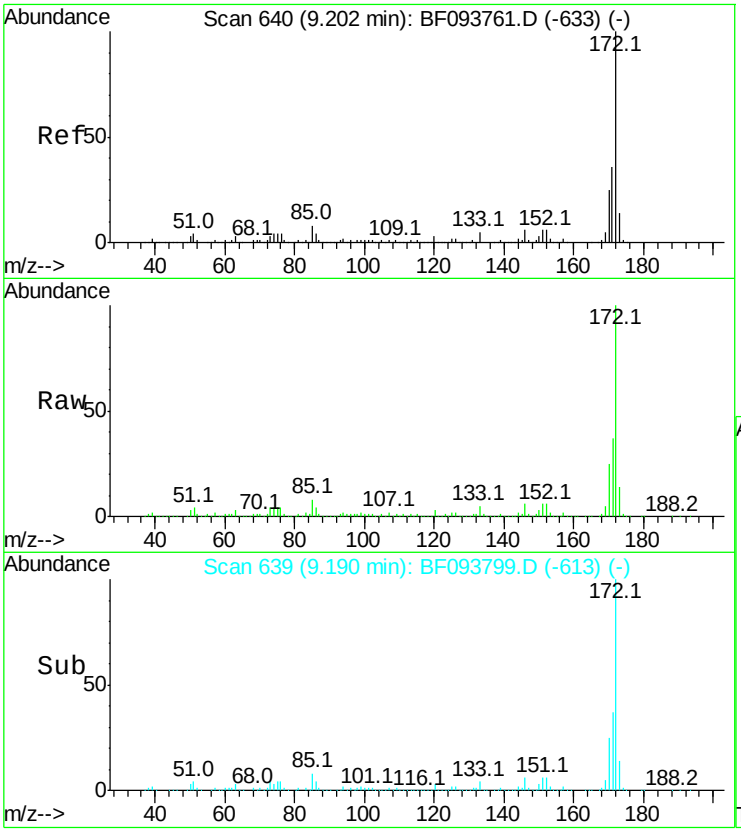


#41
2,4,6-Tribromophenol
Concen: 127.85 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion:330 Resp: 380352

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.7	31.4	47.2



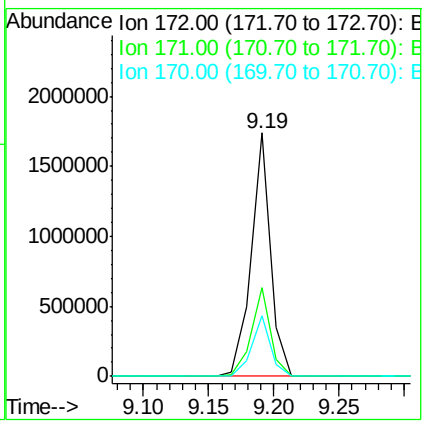


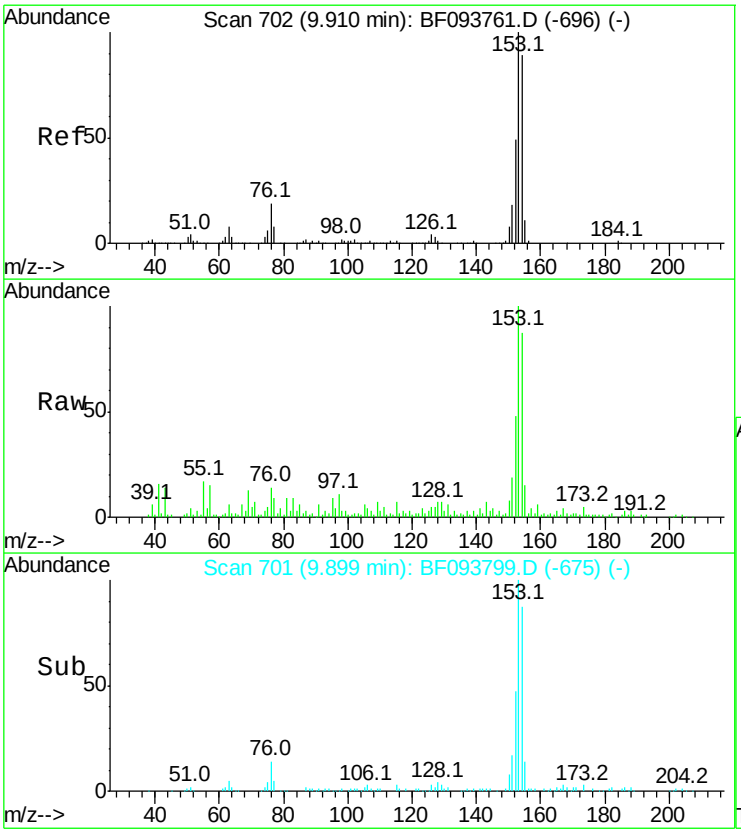
#44
2-Fluorobiphenyl
Concen: 78.66 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:172 Resp: 1796738

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.7	19.8	29.8

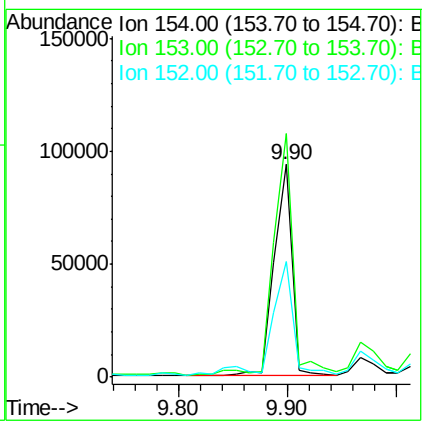


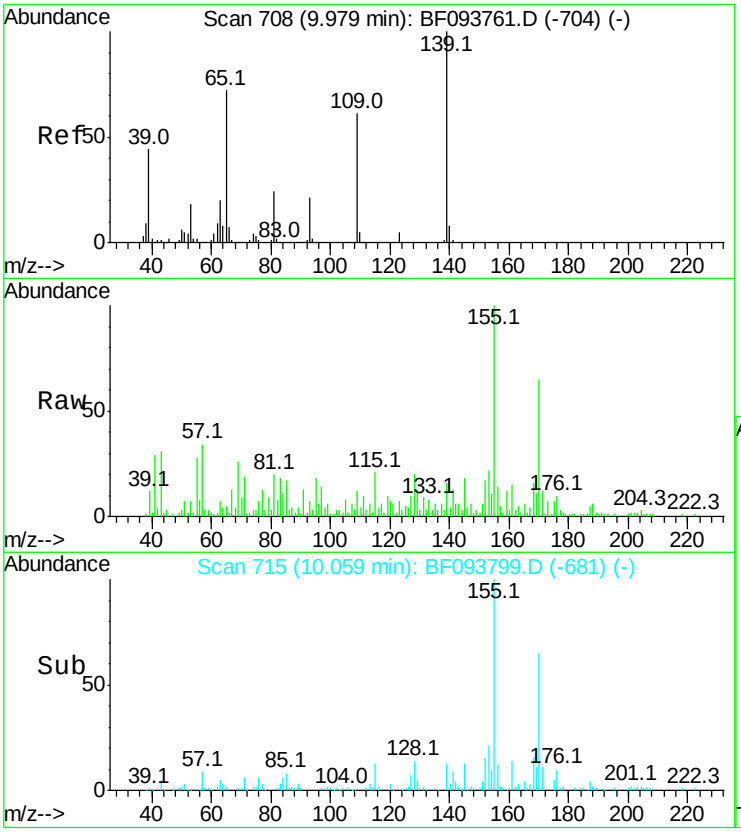


#51
Acenaphthene
Concen: 4.52 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion:154 Resp: 105120

Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.5	135.7
152	54.5	43.6	65.4



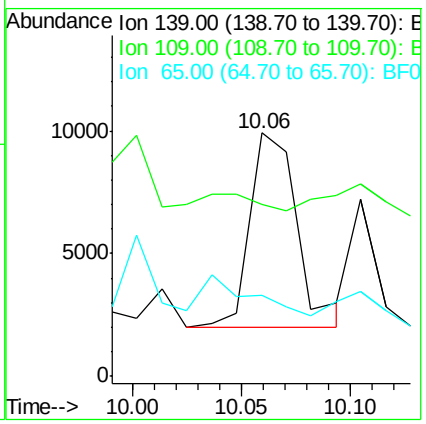


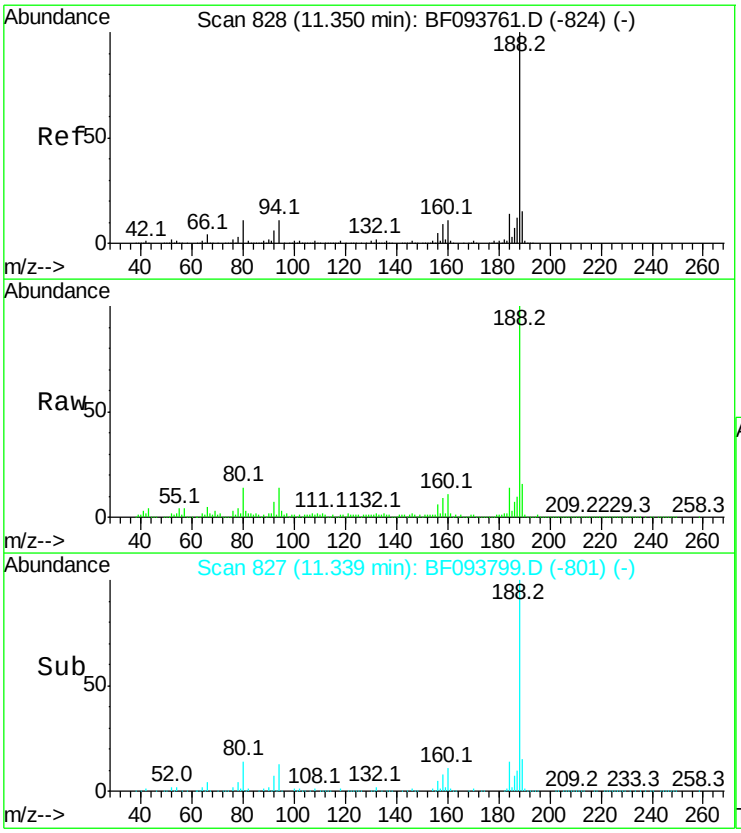
#55
4-Nitrophenol
Concen: 2.22 ng
RT: 10.06 min Scan# 715
Delta R.T. 0.09 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:139 Resp: 11992

Ion	Ratio	Lower	Upper
139	100		
109	70.7	34.1	74.1
65	33.2	31.4	71.4

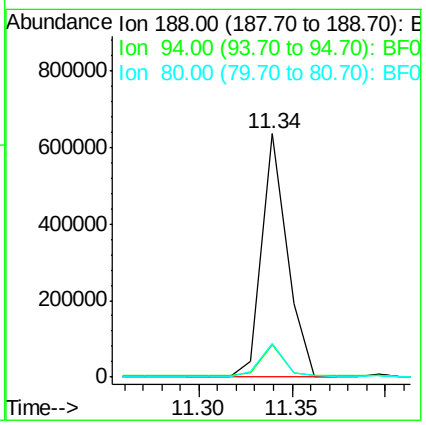


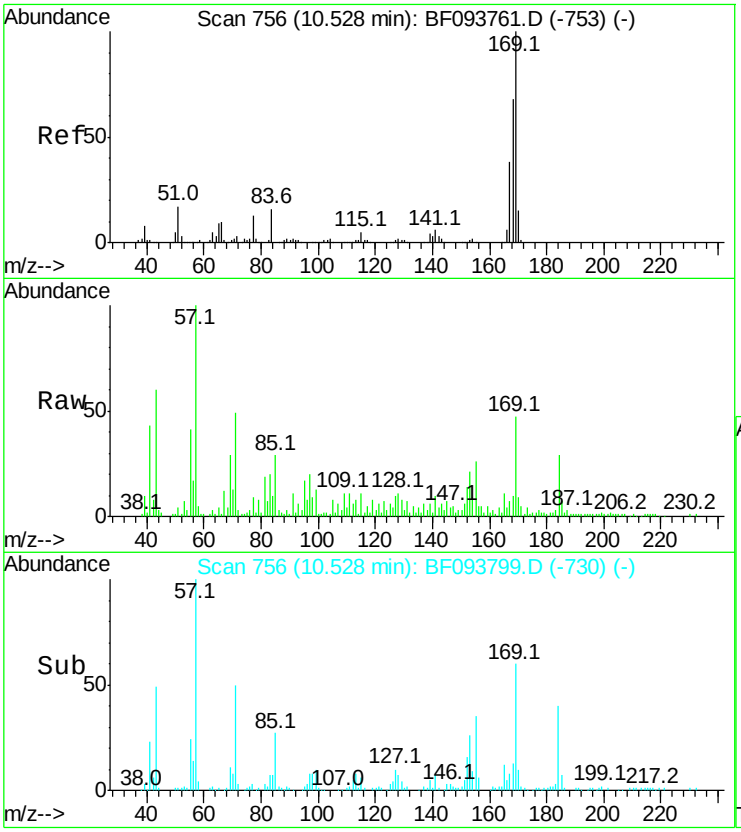


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion:188 Resp: 597257

Ion	Ratio	Lower	Upper
188	100		
94	13.6	9.4	14.2
80	13.9	10.2	15.2



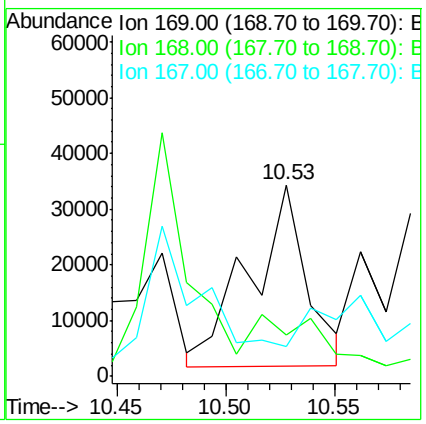


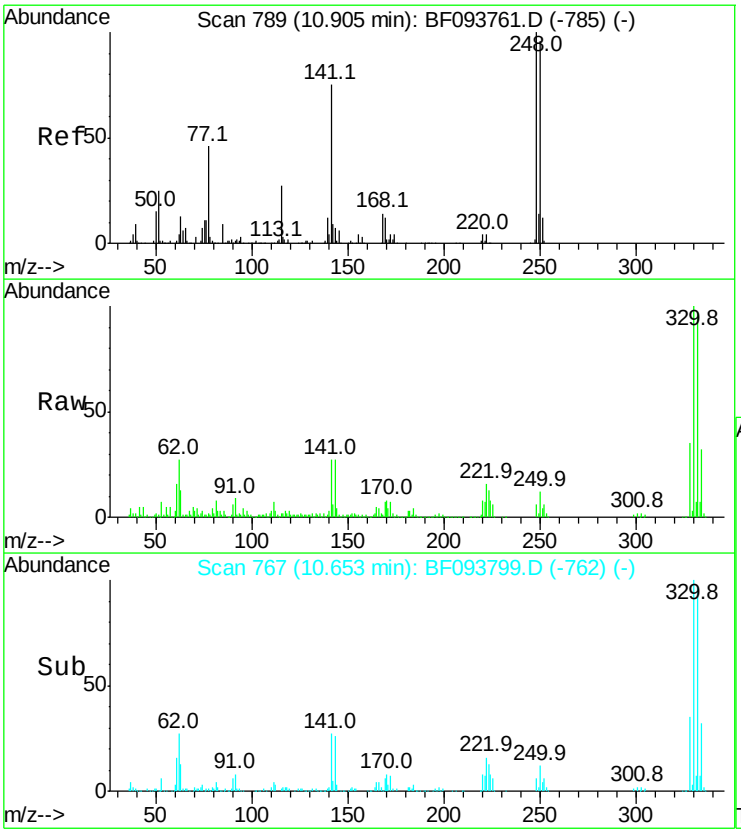
#65
n-Nitrosodiphenylamine
Concen: 3.01 ng
RT: 10.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:169 Resp: 59959

Ion	Ratio	Lower	Upper
169	100		
168	21.7	53.2	79.8#
167	15.5	29.5	44.3#

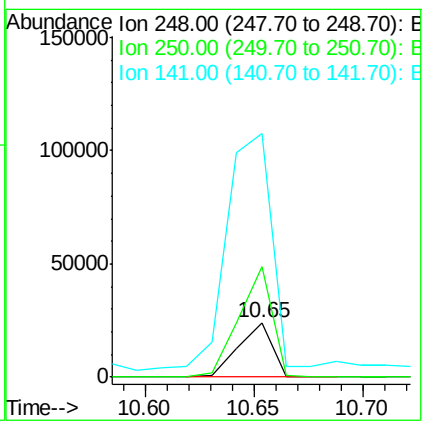


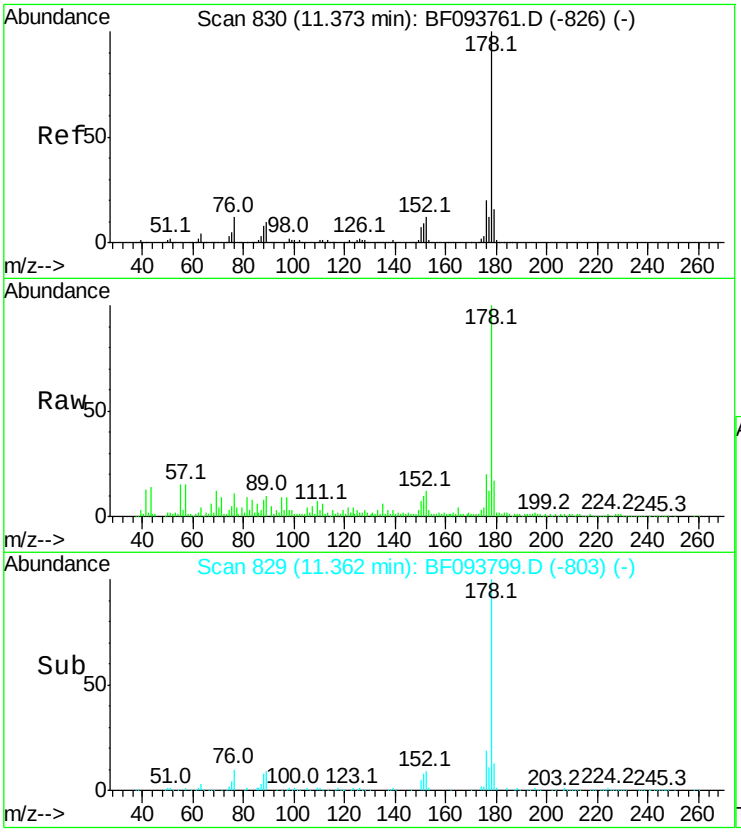


#66
4-Bromophenyl-phenylether
Concen: 4.55 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.24 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion:248 Resp: 26151

Ion	Ratio	Lower	Upper
248	100		
250	201.0	76.8	115.2#
141	445.3	68.6	103.0#



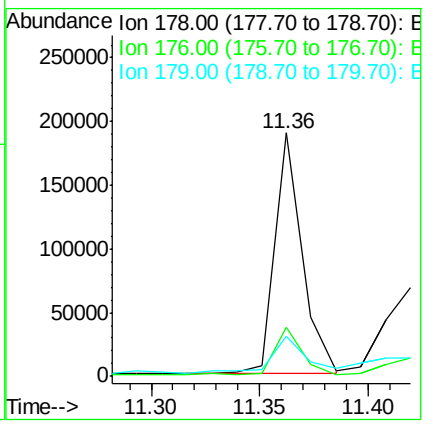


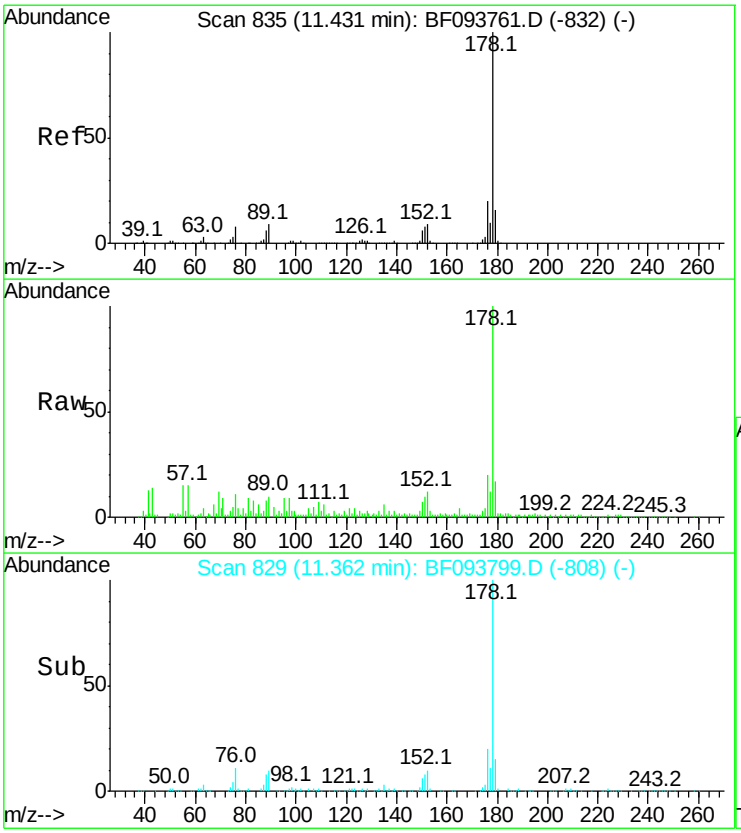
#70
Phenanthrene
Concen: 5.25 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:178 Resp: 167054

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.7	12.6	19.0

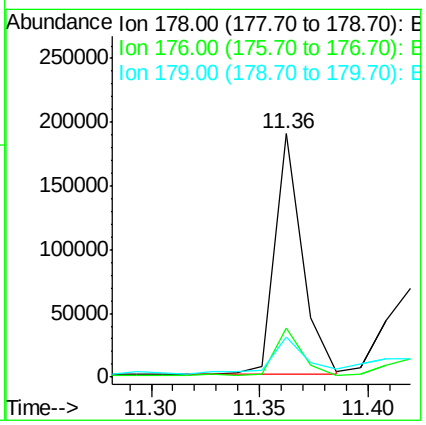


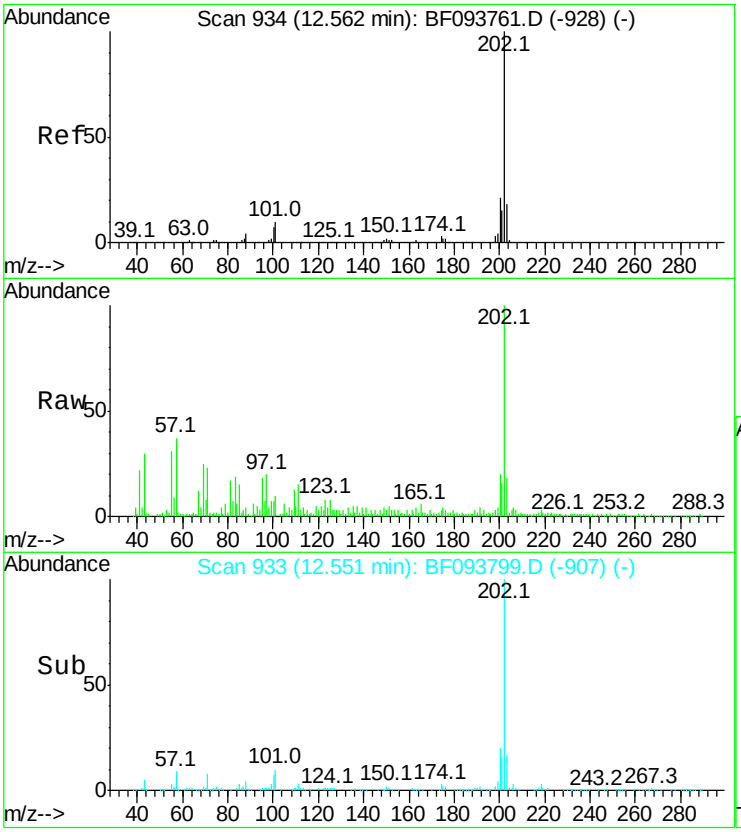


#71
Anthracene
Concen: 5.10 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion:178 Resp: 167054

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.7	12.7	19.1



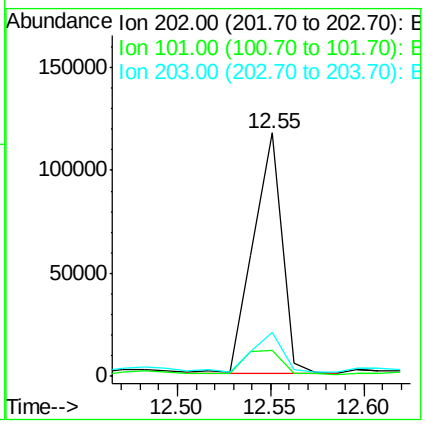


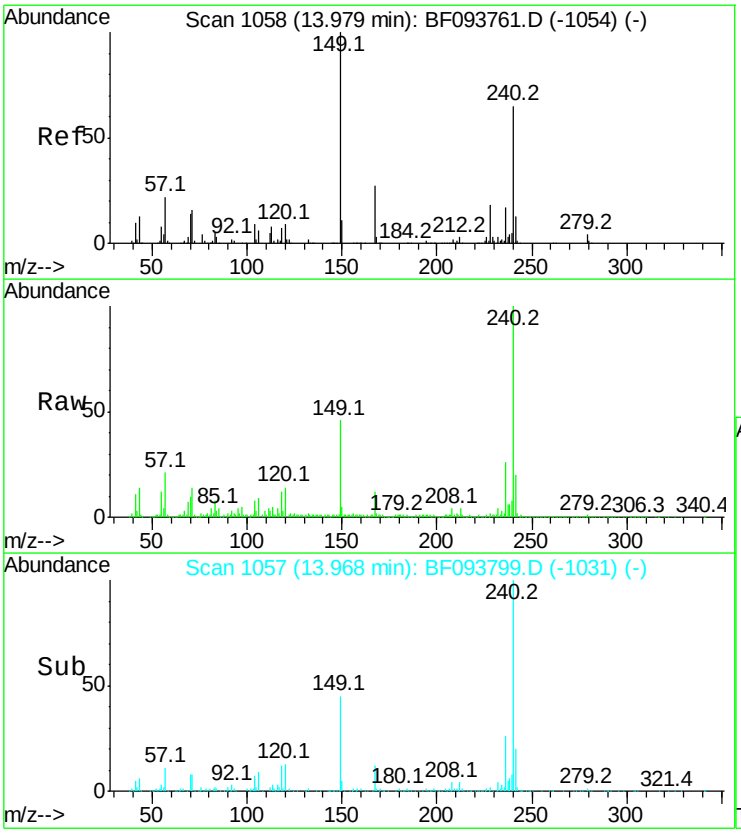
#74
Fluoranthene
Concen: 3.79 ng
RT: 12.55 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:202 Resp: 124062

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.2
203	18.3	0.0	38.1

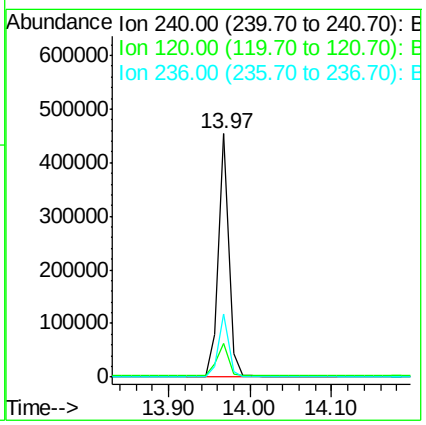


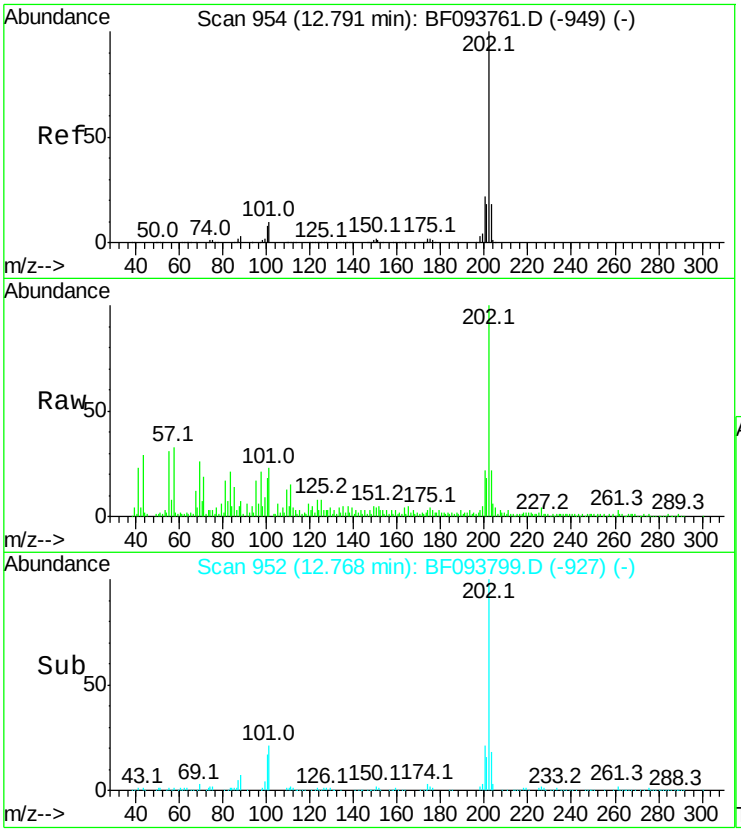


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion:240 Resp: 399997

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	26.0	20.5	30.7



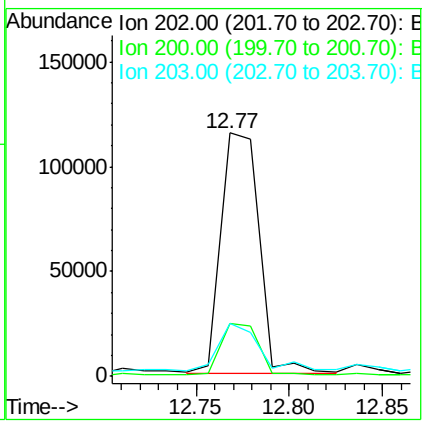


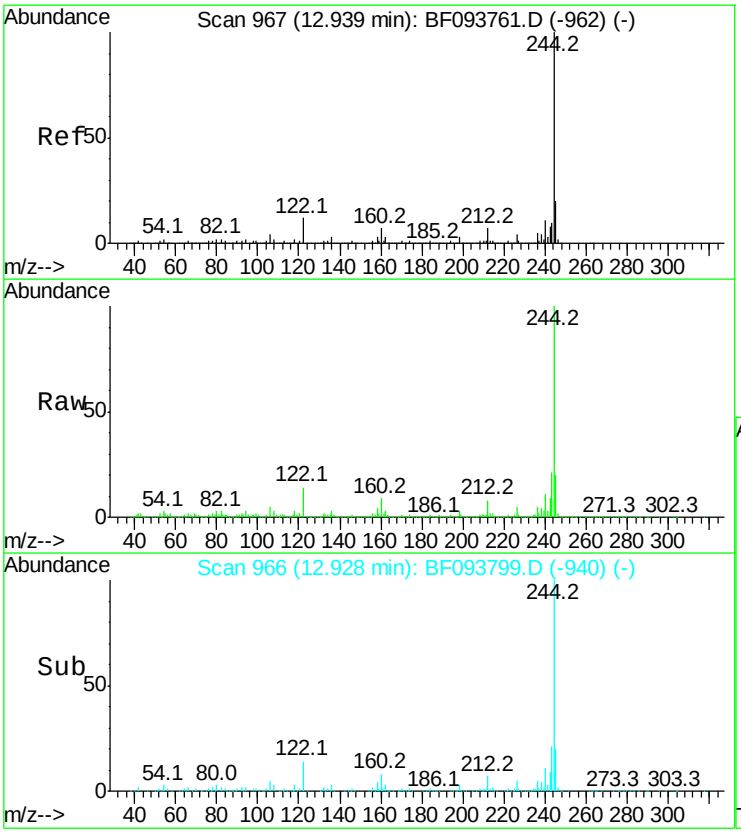
#77
Pyrene
Concen: 4.90 ng
RT: 12.77 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:202 Resp: 162973

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	21.5	14.4	21.6

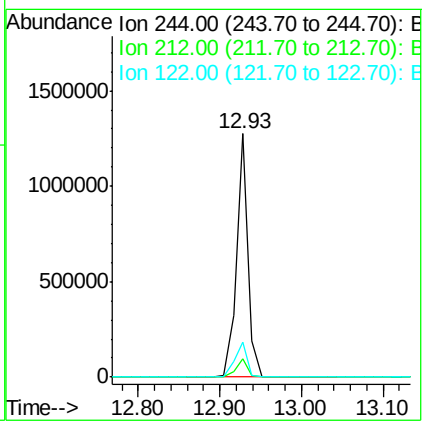


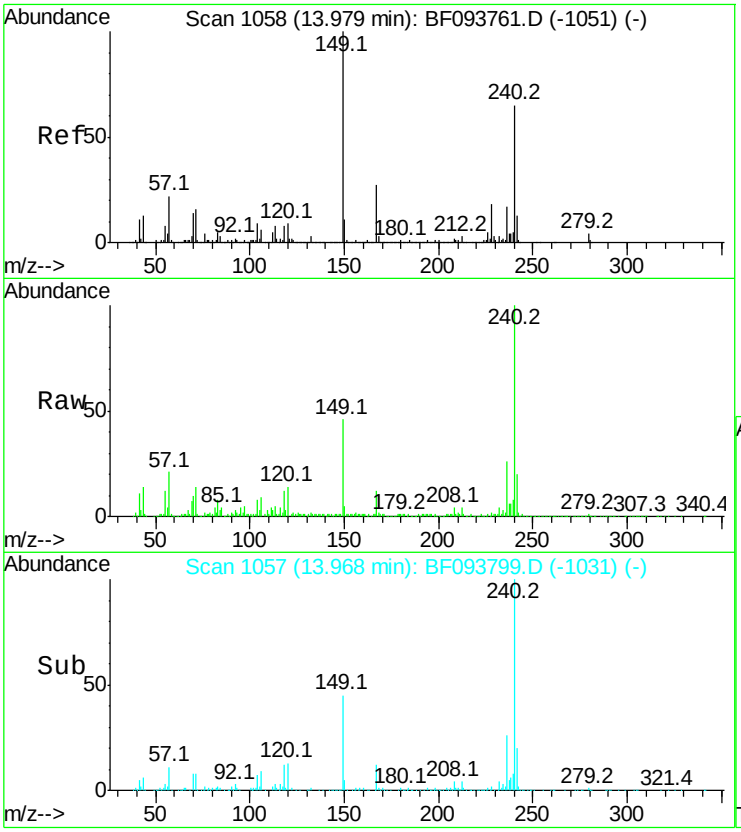


#78
Terphenyl-d14
Concen: 63.10 ng
RT: 12.93 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion:244 Resp: 1237981

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	14.4	10.3	15.5



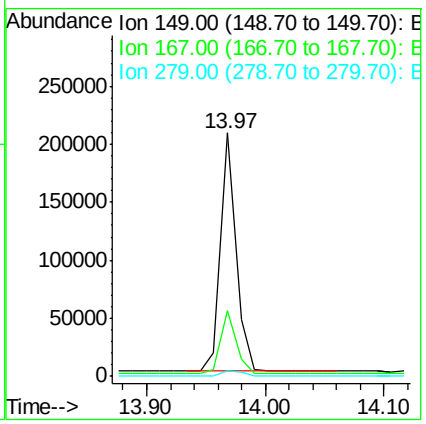


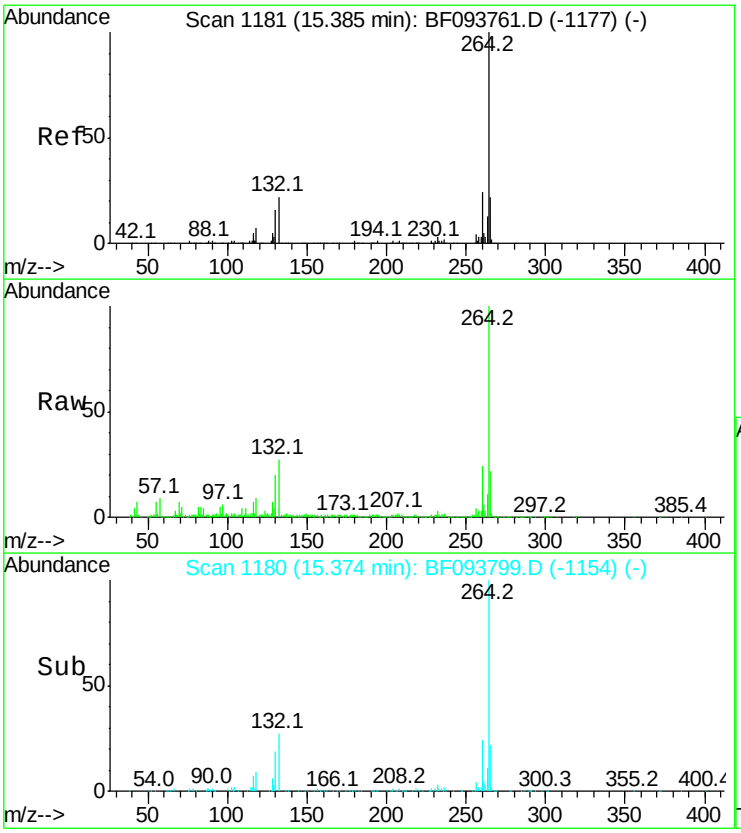
#83
Bis(2-ethylhexyl)phthalate
Concen: 10.28 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:149 Resp: 184264

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	2.2	1.9	2.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion:264 Resp: 361258

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	17.2	25.8