Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079731.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEC-3.3-SP

Quant Time: Jun 06 03:35:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 03:31:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	58149	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	221024	20.00	ng		0.00
38) Acenaphthene-d10	10.58	164	123147	20.00	ng		0.00
63) Phenanthrene-d10	12.10	188	243782	20.00	ng		0.02
75) Chrysene-d12	0.00	240	0	0.00	ng		-14.98
86) Perylene-d12	16.89	264	120	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	405710	119.64	ng		0.01
7) Phenol-d6	7.11	99	570701	129.28	ng		0.01
23) Nitrobenzene-d5	8.07	82	282095	77.71	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	133681	120.88	ng		0.01
44) 2-Fluorobiphenyl	9.87	172	672243	79.03	ng		0.00
78) Terphenyl-d14	13.84	244	879426	0.00	ng		0.10
Target Compounds							Qvalue
48) Acenaphthylene	10.45	152	27926	2.03	ng		99
49) Dimethylphthalate	10.26	163	61737	6.51	ng	#	97
50) 2,6-Dinitrotoluene	10.26	165	708	3.42	ng	#	22
56) 2,4-Dinitrotoluene	10.58	165	13807	6.87	ng	#	33
70) Phenanthrene	12.13	178	51761	3.65	ng		98
71) Anthracene	12.18	178	31275	2.23	ng		98
74) Fluoranthene	13.42	202	147985	9.62	ng		98
87) Benzo(b)fluoranthene	16.27	252	1205	155.67	ng	#	1
88) Benzo(k)fluoranthene	16.37	252	1992	269.69	ng	#	1
89) Benzo(a)pyrene	16.73	252	28025	3962.78	ng	#	79
90) Dibenzo(a,h)anthracene	18.94	278	13234	2025.65	ng	#	61
91) Benzo(g,h,i)perylene	19.52	276	3711	555.51	ng	#	14

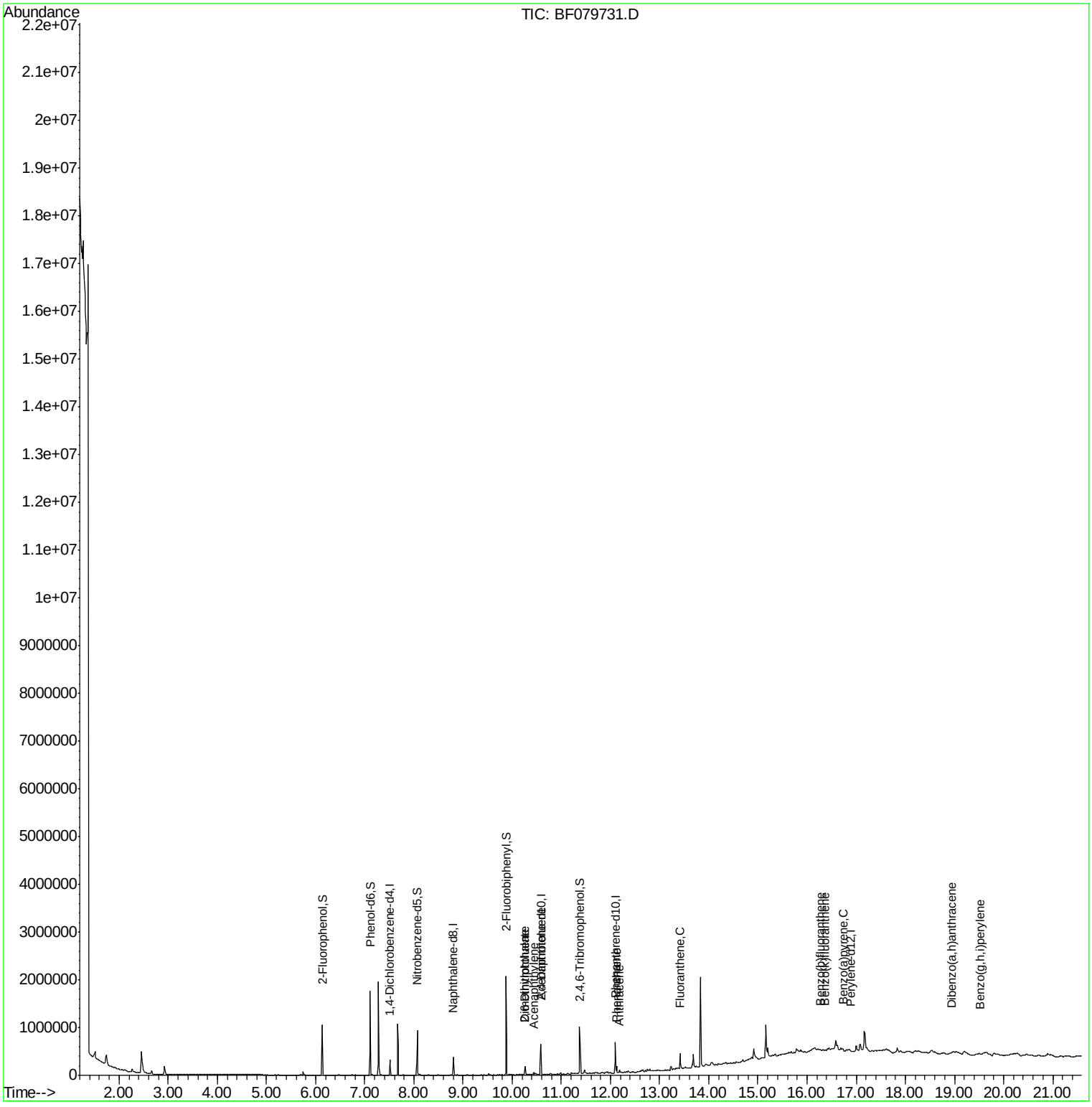
(#) = qualifier out of range (m) = manual integration (+) = signals summed

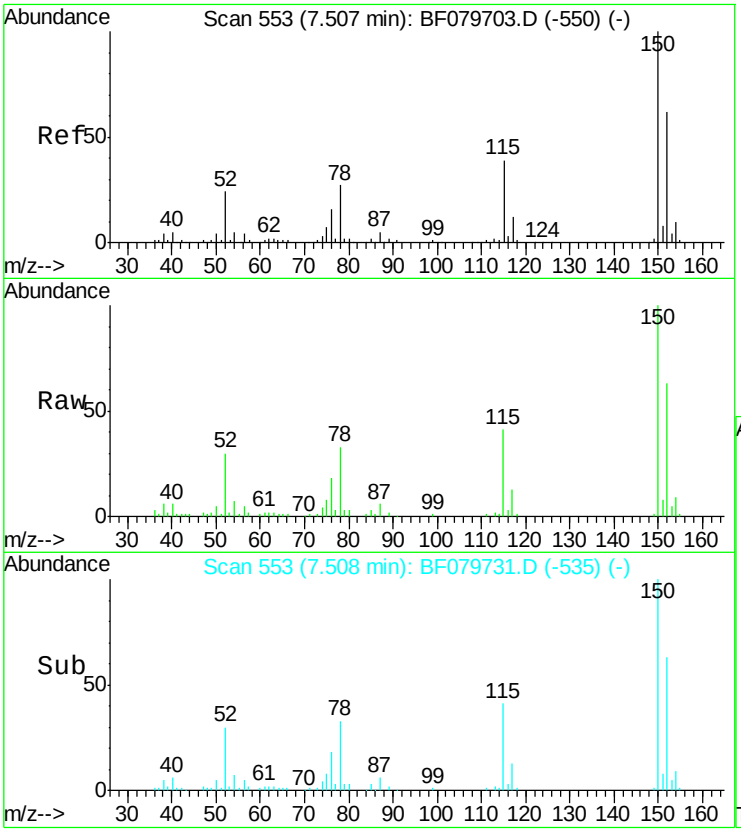
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079731.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Quant Time: Jun 06 03:35:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 03:31:13 2015
Response via : Initial Calibration



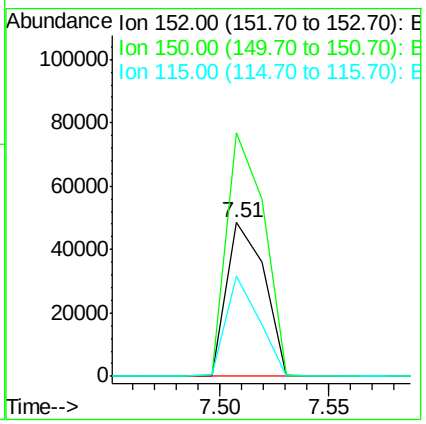


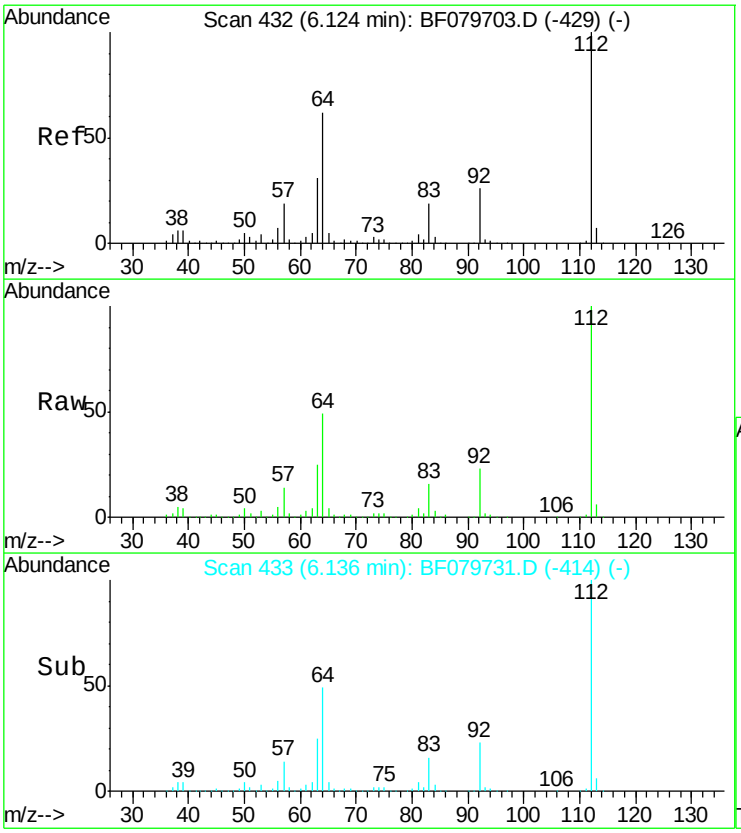
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion:152 Resp: 58149

Ion	Ratio	Lower	Upper
152	100		
150	158.4	128.1	192.1
115	65.6	49.7	74.5

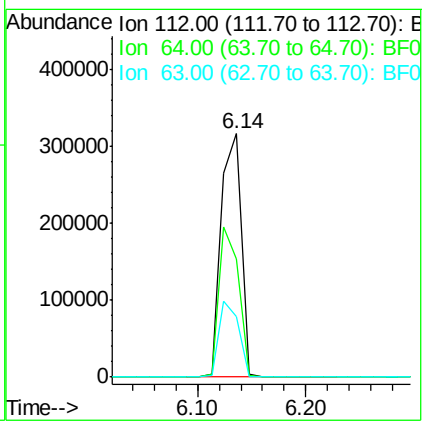


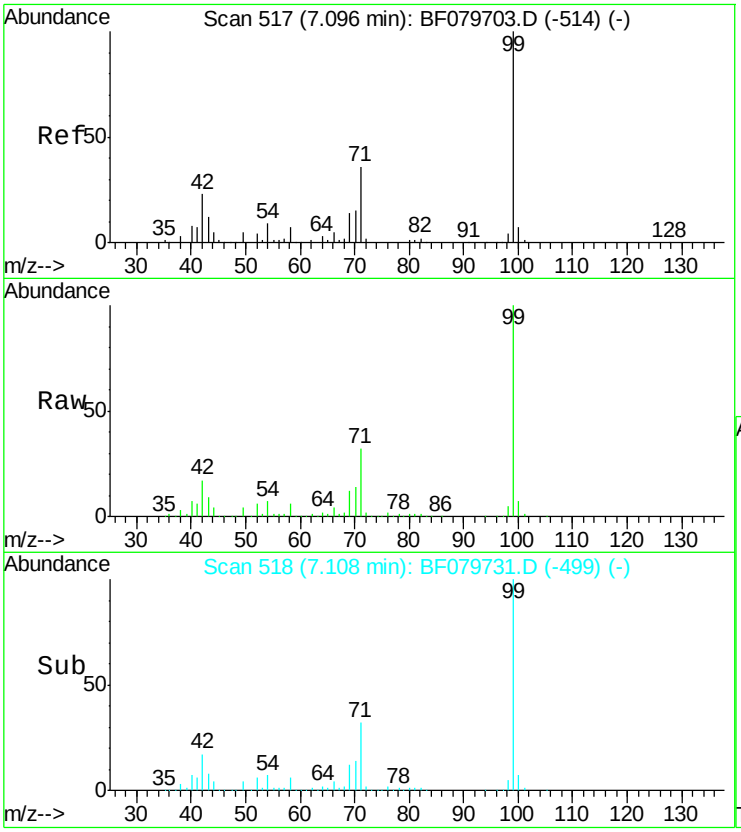


#5
2-Fluorophenol
Concen: 119.64 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:112 Resp: 405710

Ion	Ratio	Lower	Upper
112	100		
64	48.7	49.6	74.4#
63	24.9	24.9	37.3



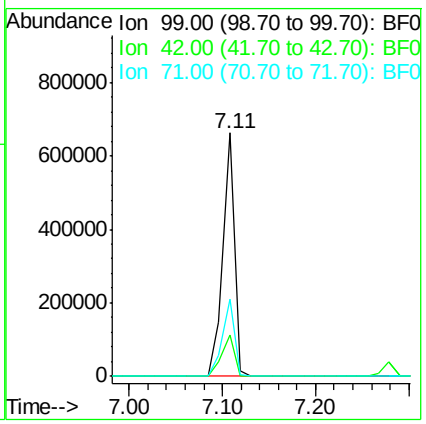


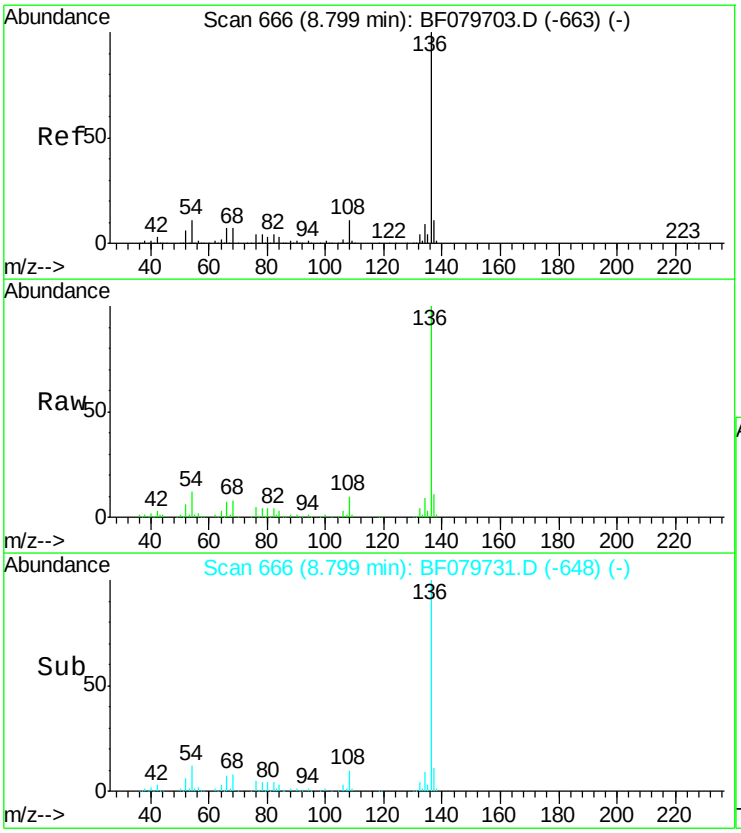
#7
Phenol-d6
Concen: 129.28 ng
RT: 7.11 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion: 99 Resp: 570701

Ion	Ratio	Lower	Upper
99	100		
42	17.2	18.0	27.0#
71	31.8	28.4	42.6

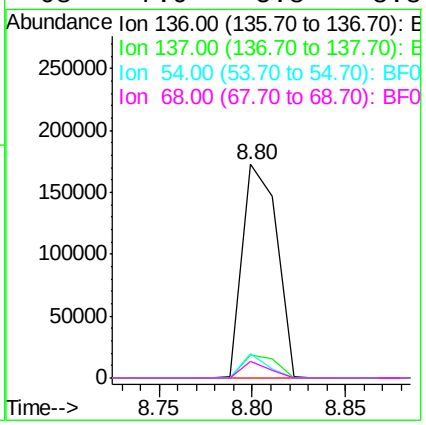


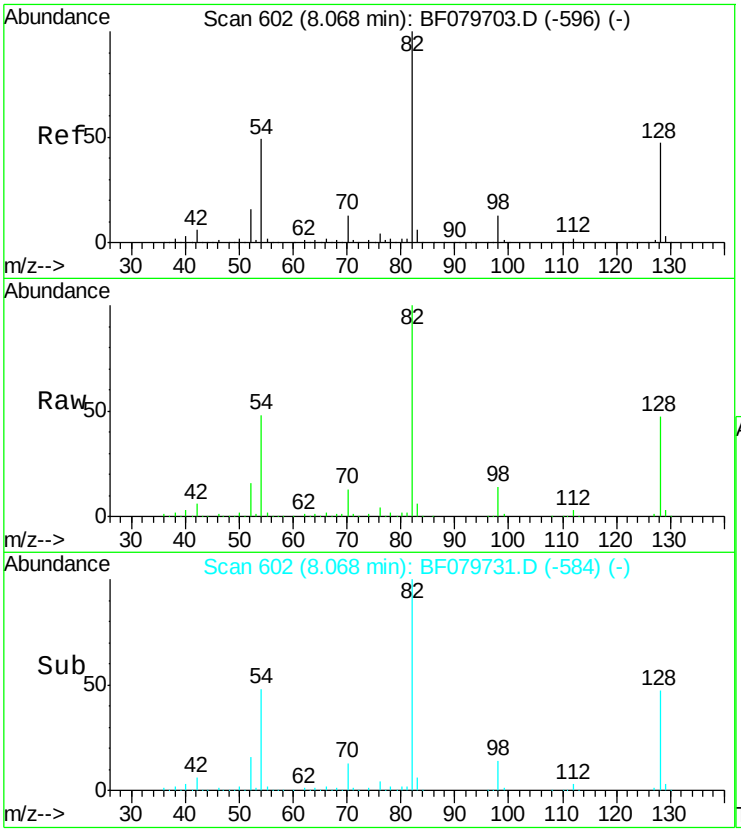


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:136 Resp: 221024

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.6	8.7	13.1
68	7.9	5.8	8.8



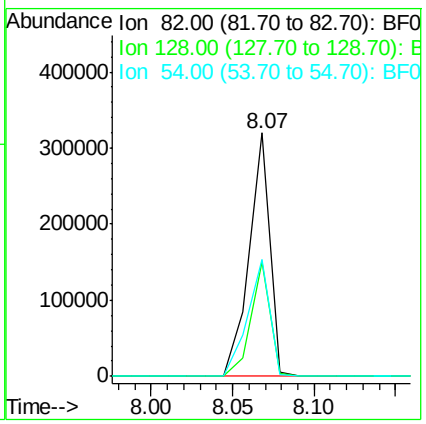


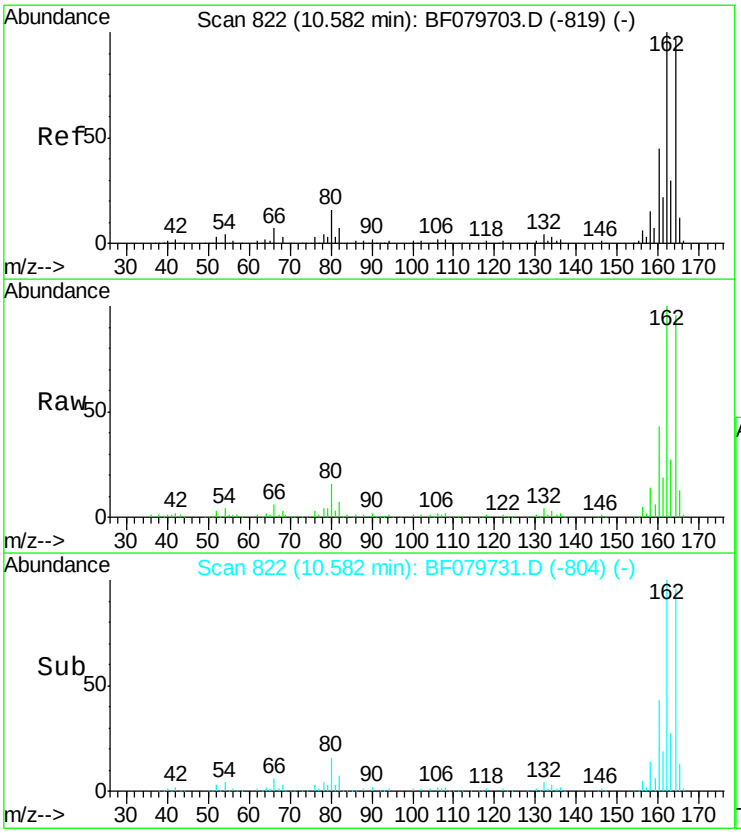
#23
Nitrobenzene-d5
Concen: 77.71 ng
RT: 8.07 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion: 82 Resp: 282095

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.6	56.4
54	47.9	39.4	59.2

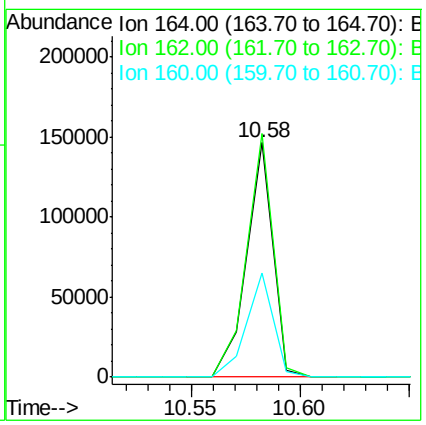


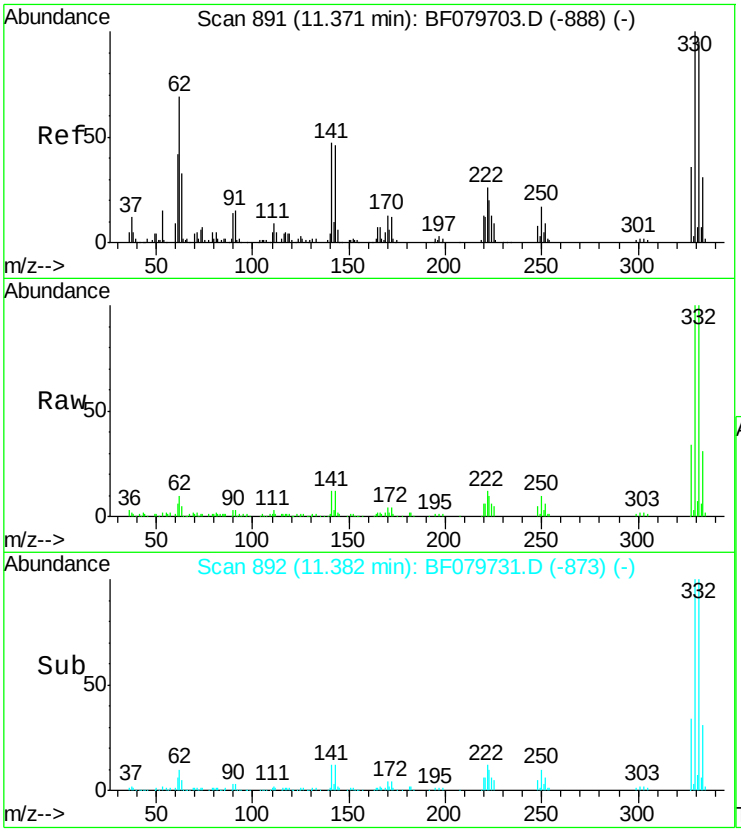


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:164 Resp: 123147

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	44.5	36.8	55.2



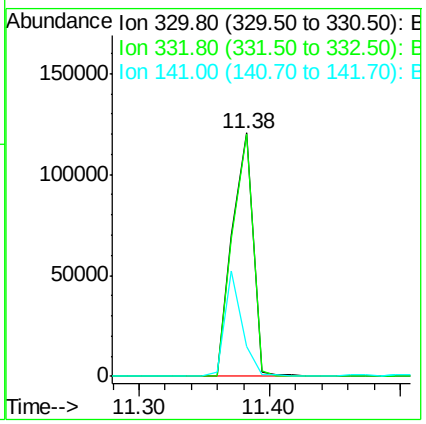


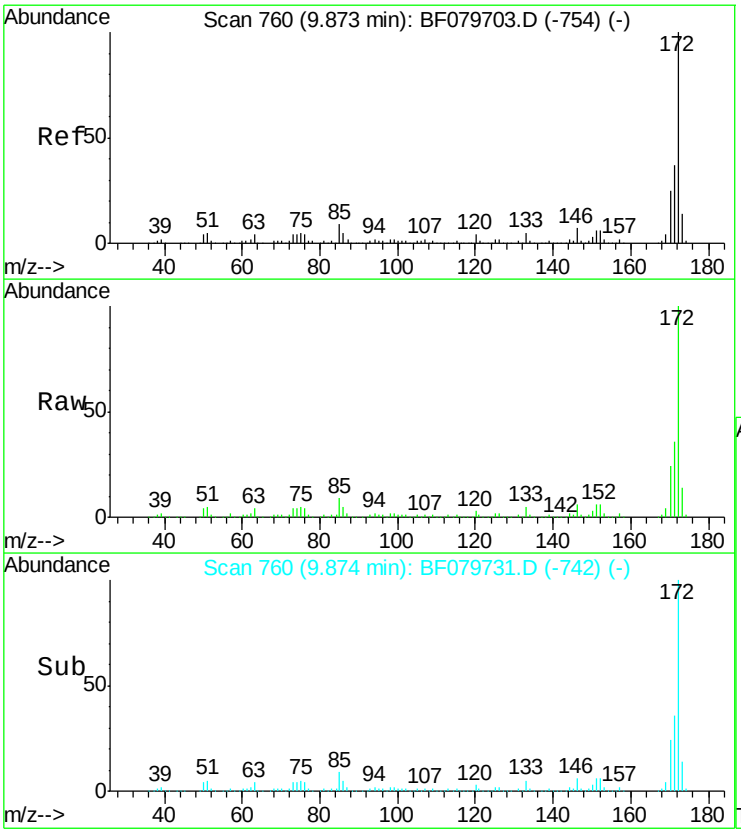
#41
2,4,6-Tribromophenol
Concen: 120.88 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion:330 Resp: 133681

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.4	116.0
141	37.4	30.2	45.2

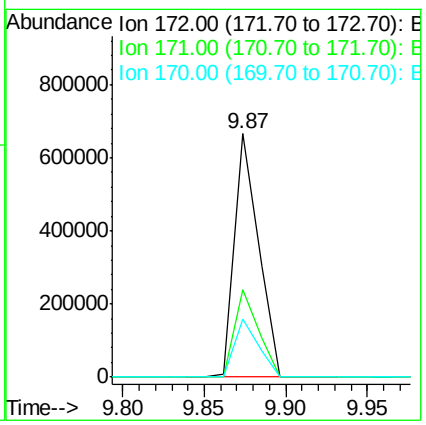


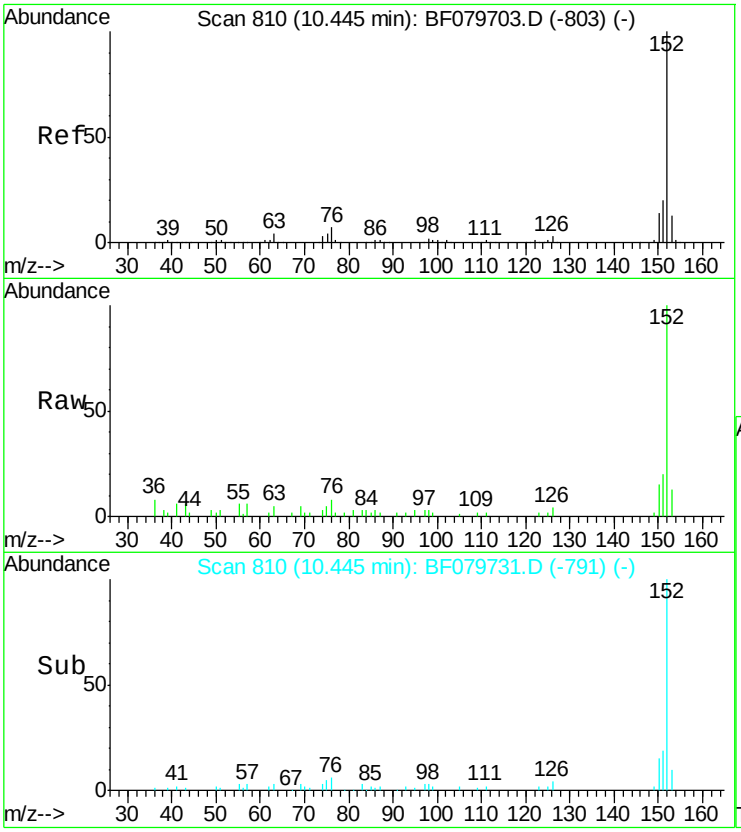


#44
2-Fluorobiphenyl
Concen: 79.03 ng
RT: 9.87 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:172 Resp: 672243

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.7	19.7	29.5



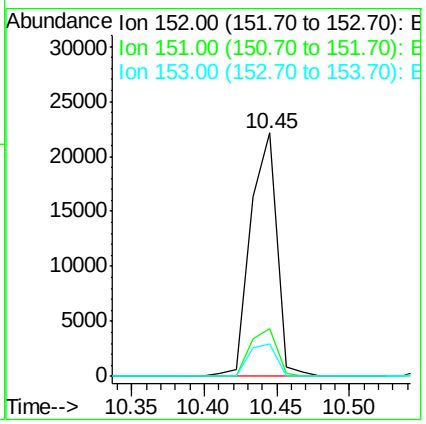


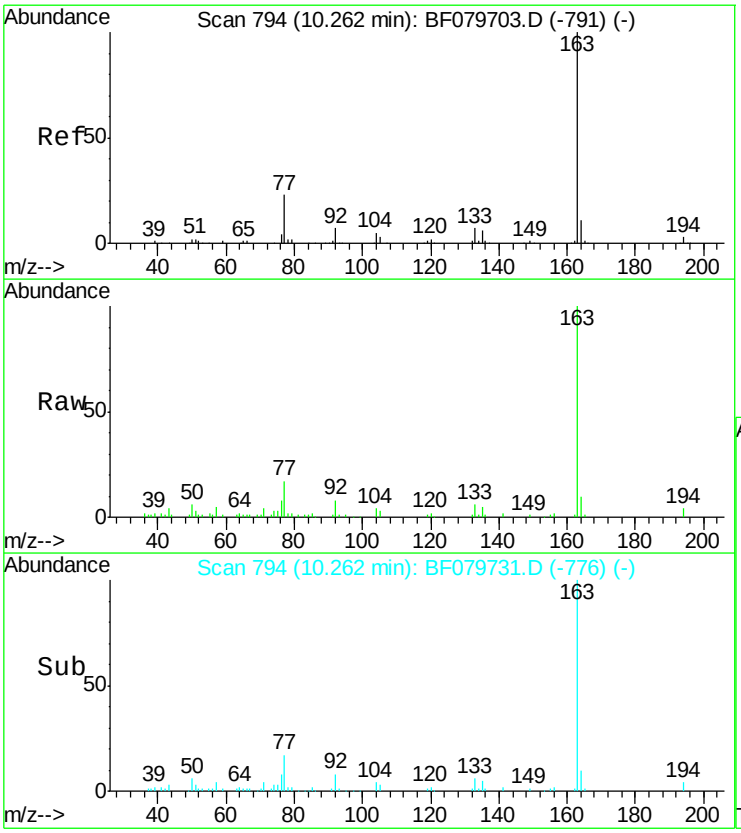
#48
Acenaphthylene
Concen: 2.03 ng
RT: 10.45 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion:152 Resp: 27926

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	13.3	10.4	15.6

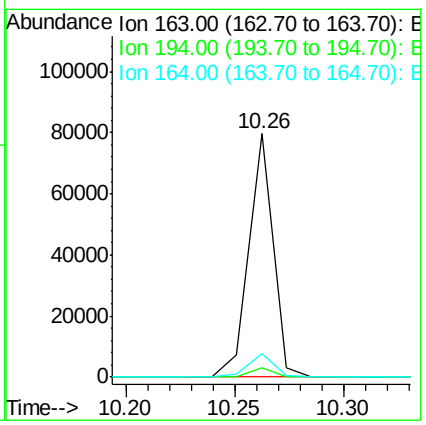


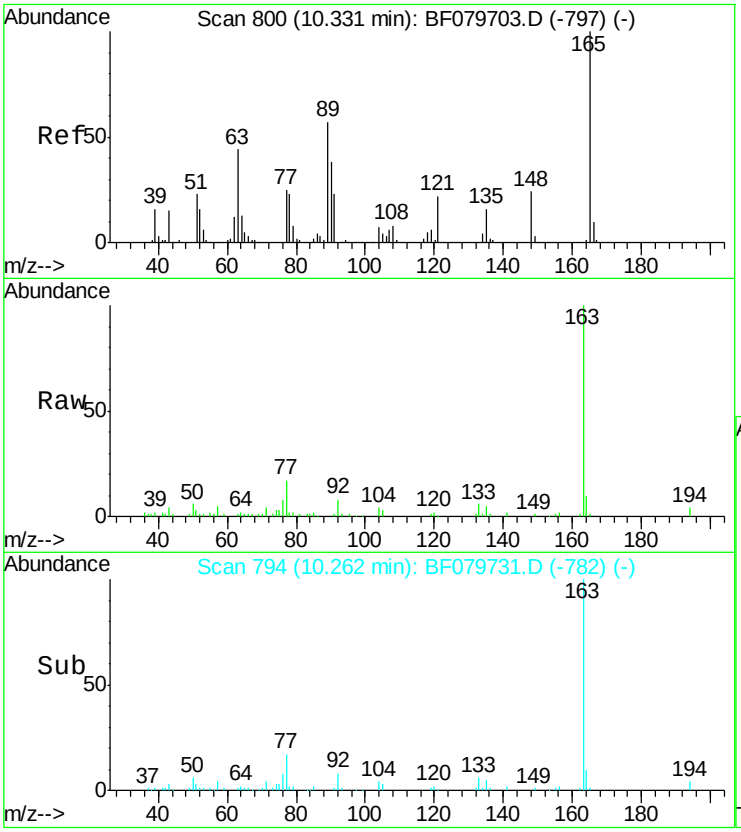


#49
Dimethylphthalate
Concen: 6.51 ng
RT: 10.26 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:163 Resp: 61737

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	3.8#
164	9.6	8.5	12.7



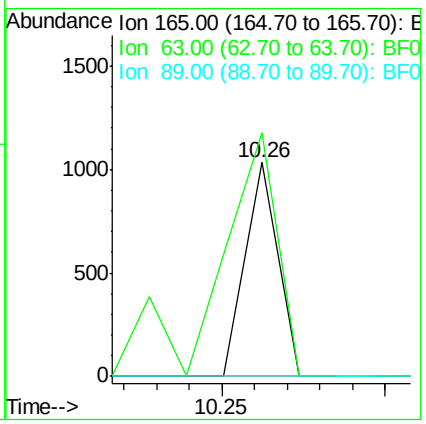


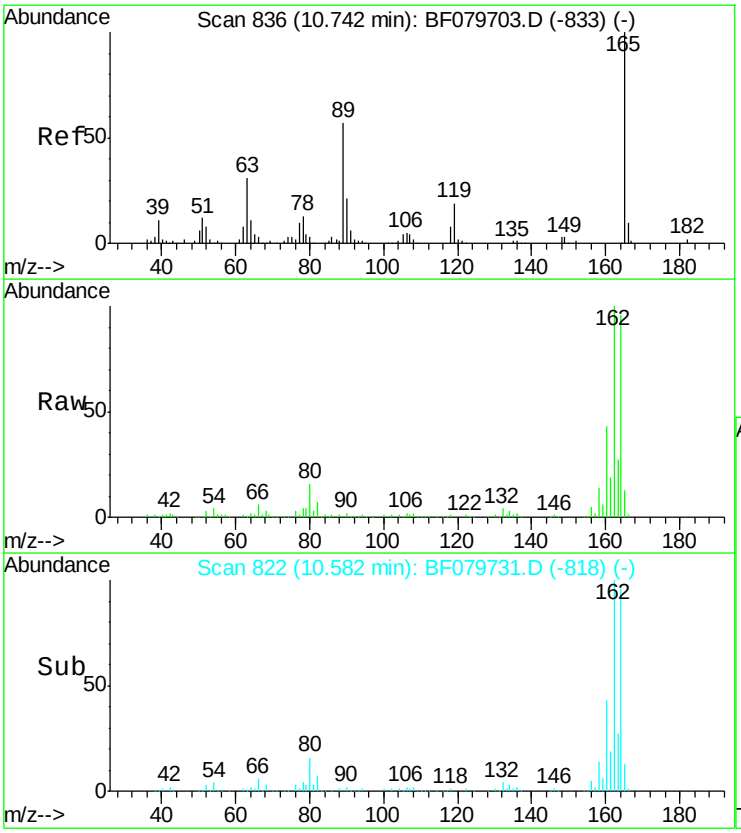
#50
2,6-Dinitrotoluene
Concen: 3.42 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.07 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion:165 Resp: 708

Ion	Ratio	Lower	Upper
165	100		
63	113.9	45.2	67.8#
89	0.0	45.9	68.9#

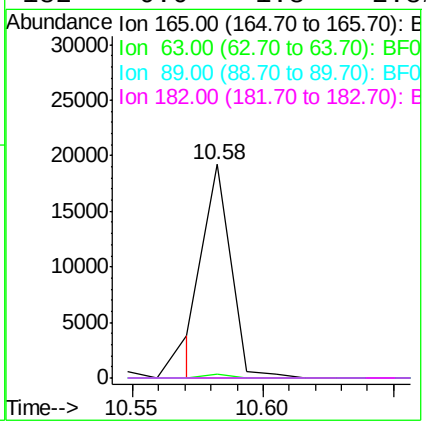


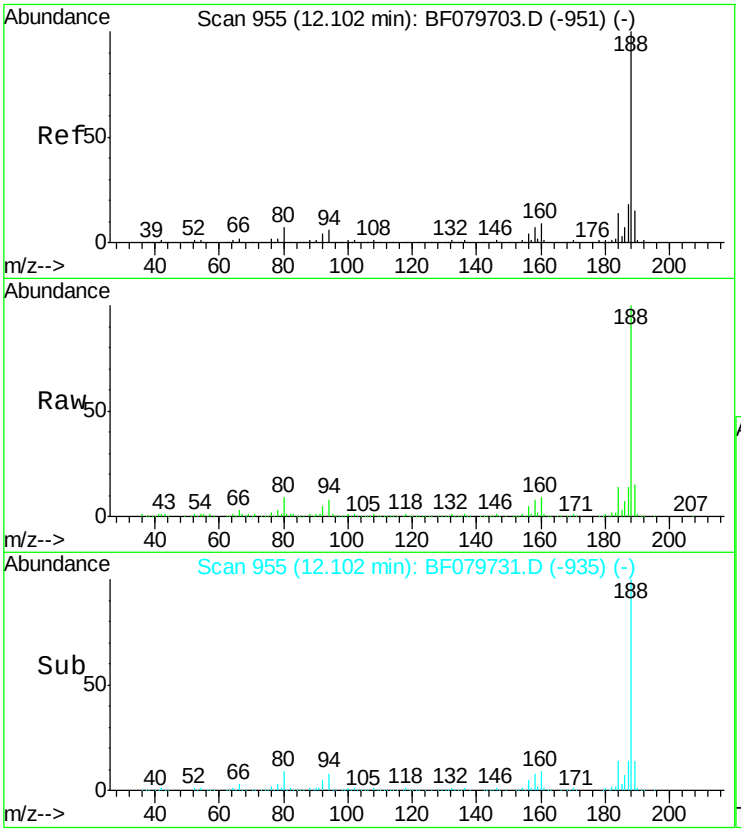


#56
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 10.58 min Scan# 822
Delta R.T. -0.16 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:165 Resp: 13807

Ion	Ratio	Lower	Upper
165	100		
63	2.0	24.7	37.1#
89	0.0	45.7	68.5#
182	0.0	1.8	2.8#



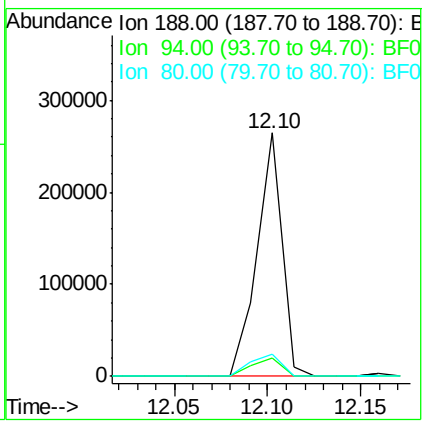


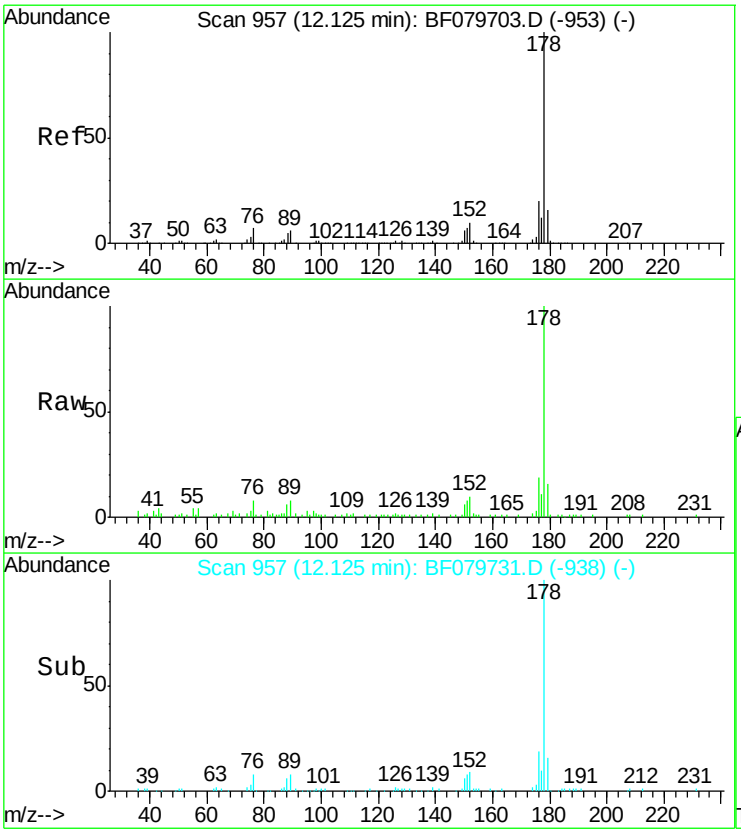
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.10 min Scan# 955
Delta R.T. 0.02 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion:188 Resp: 243782

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.0	7.4#
80	9.0	5.3	7.9#

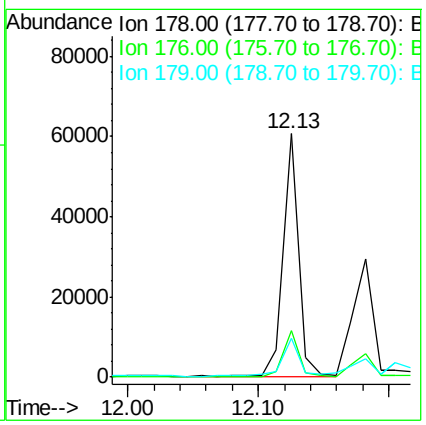


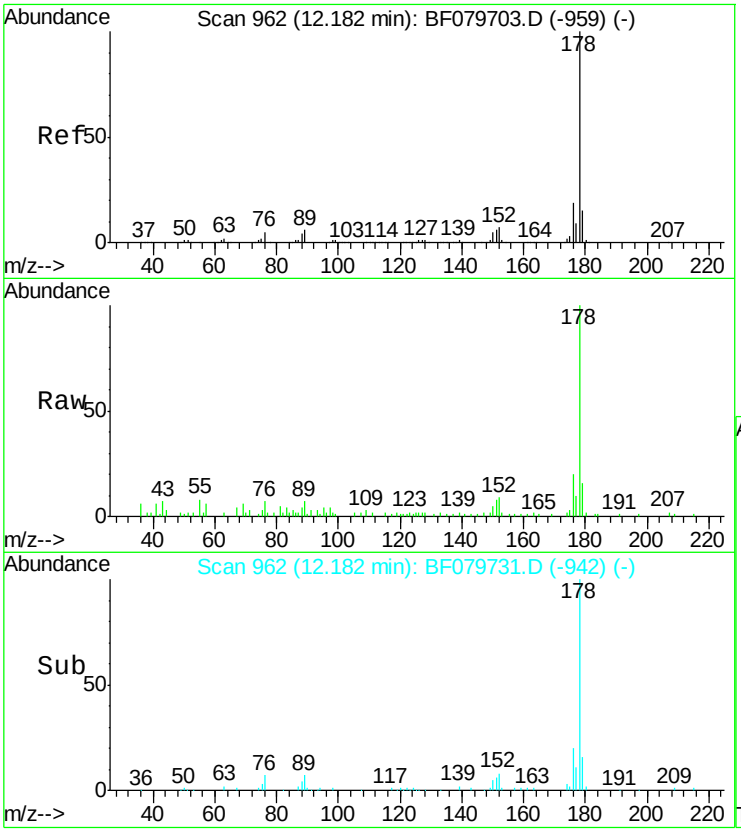


#70
Phenanthrene
Concen: 3.65 ng
RT: 12.13 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:178 Resp: 51761

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	16.2	12.6	19.0



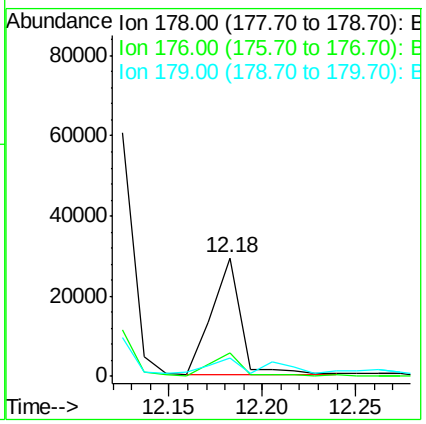


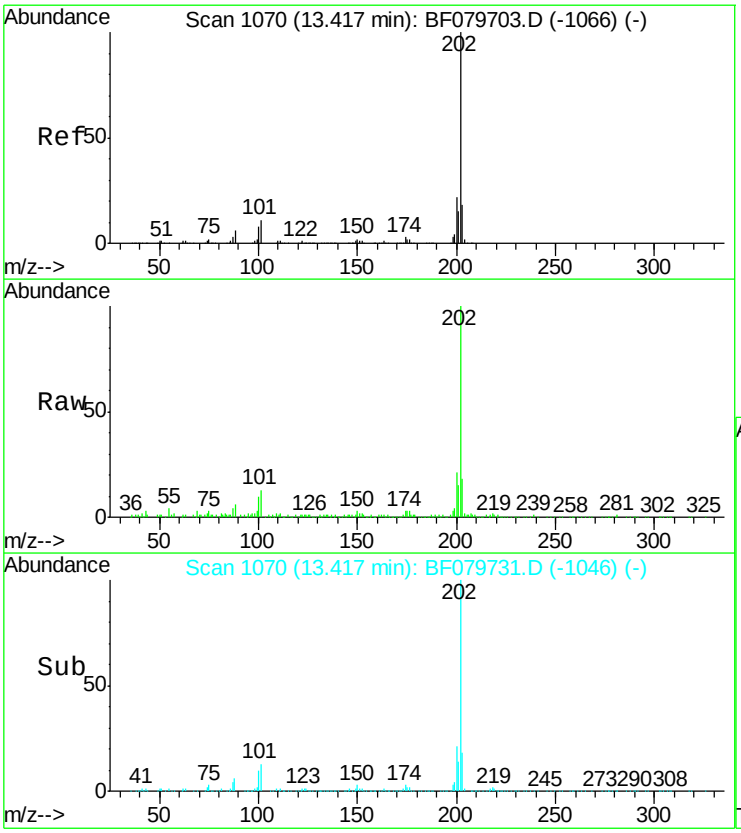
#71
Anthracene
Concen: 2.23 ng
RT: 12.18 min Scan# 962
Delta R.T. 0.02 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion:178 Resp: 31275

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.8	22.2
179	16.0	12.2	18.2

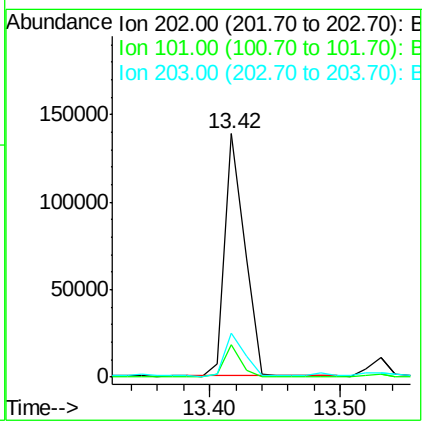


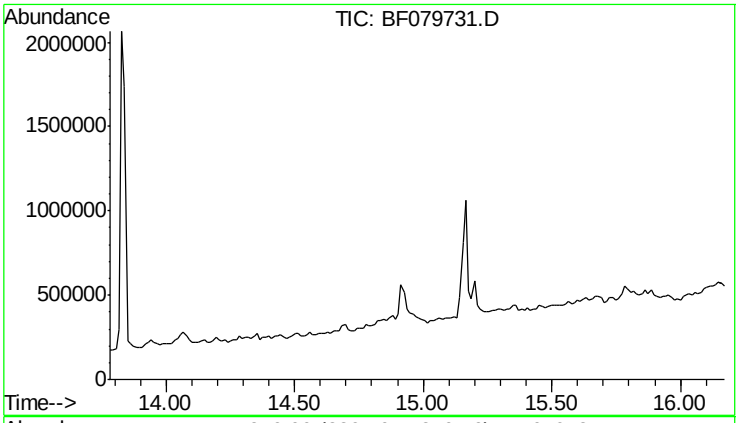


#74
Fluoranthene
Concen: 9.62 ng
RT: 13.42 min Scan# 1070
Delta R.T. 0.07 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:202 Resp: 147985

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.3
203	18.0	0.0	38.4





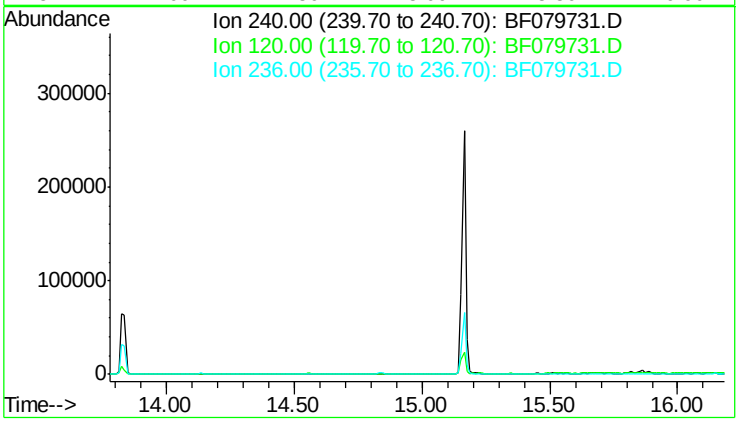
#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 14.98 min

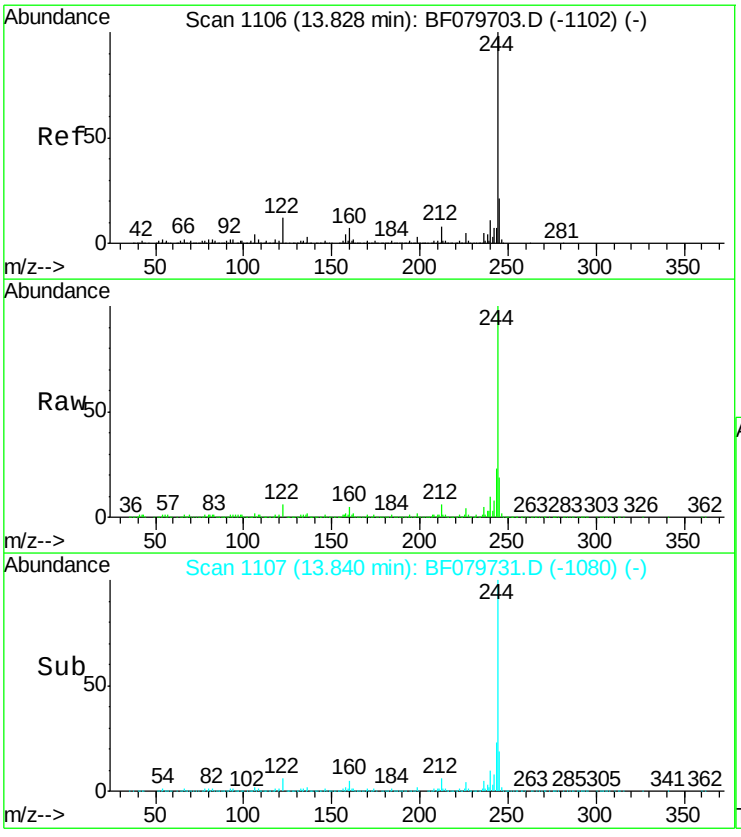
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	7.7
236	26.2

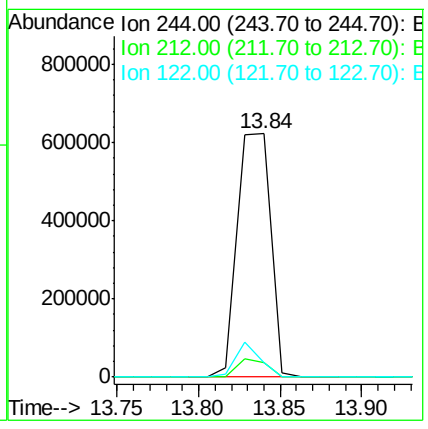


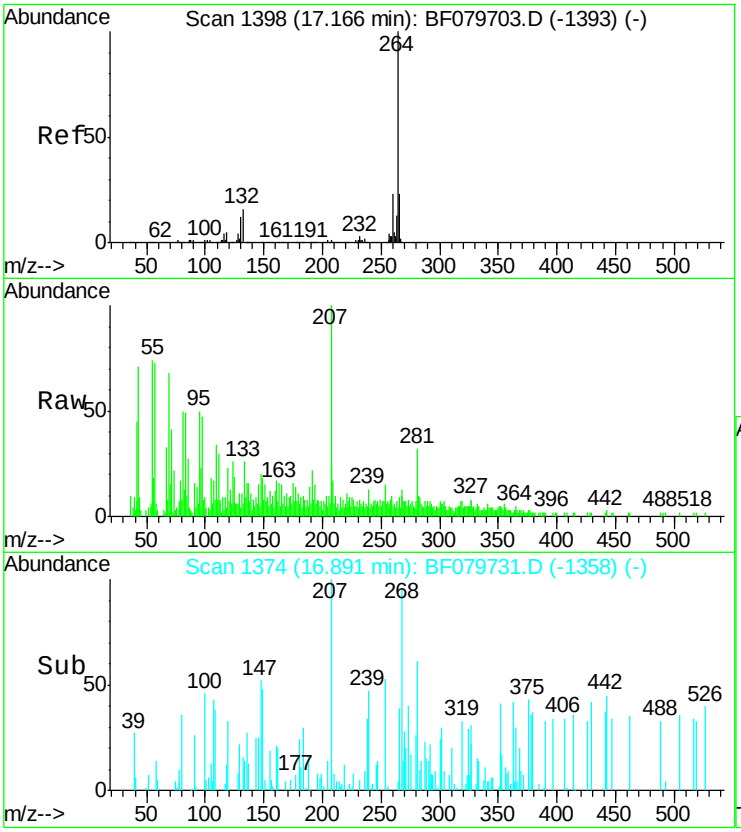


#78
Terphenyl-d14
Concen: 0.00 ng
RT: 13.84 min Scan# 1107
Delta R.T. 0.10 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:244 Resp: 879426

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.1	9.1
122	6.2	9.3	13.9#



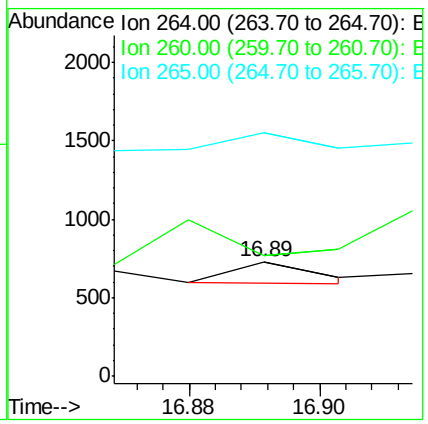


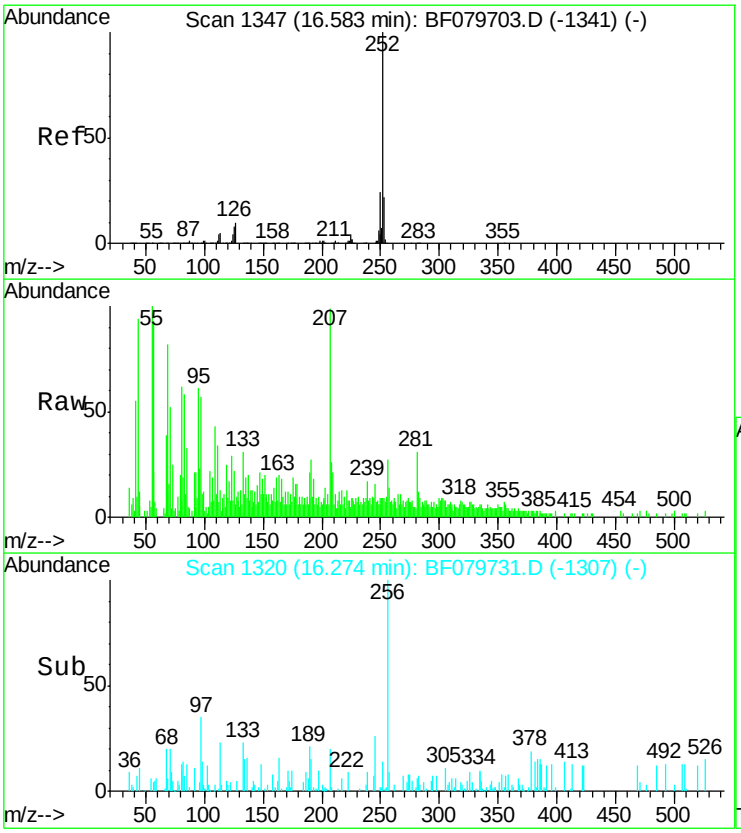
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.89 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion:264 Resp: 120

Ion	Ratio	Lower	Upper
264	100		
260	105.6	18.6	27.8#
265	212.5	18.2	27.4#

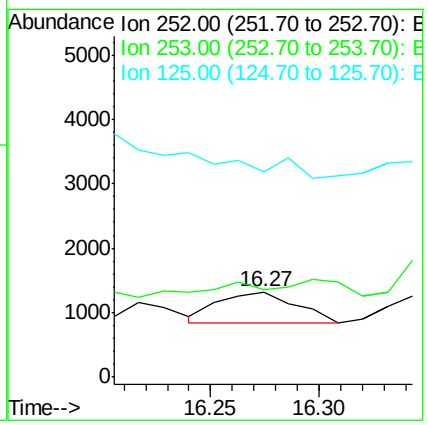


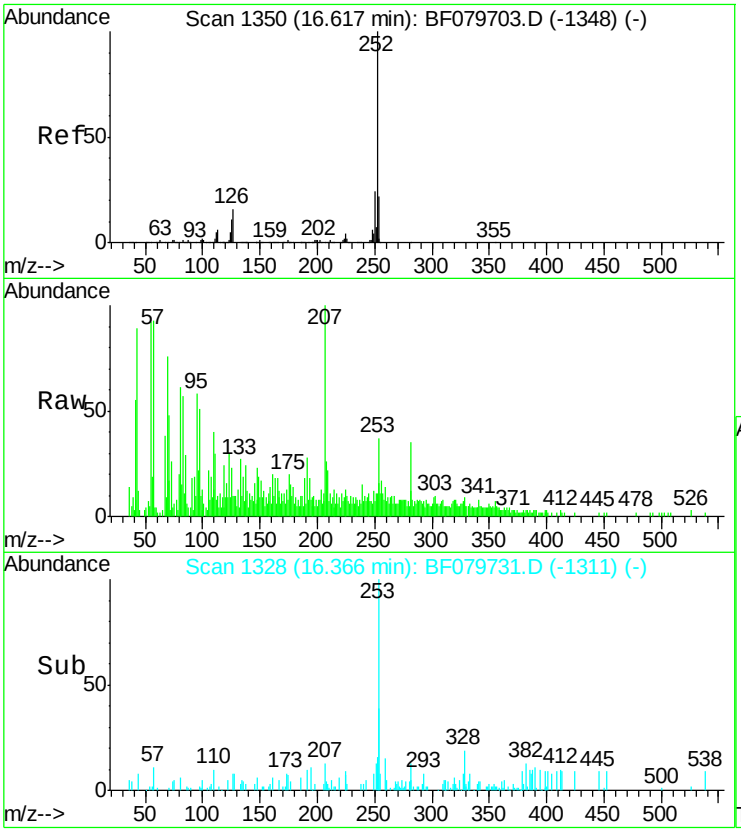


#87
Benzo(b)fluoranthene
Concen: 155.67 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.06 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:252 Resp: 1205

Ion	Ratio	Lower	Upper
252	100		
253	102.1	17.4	26.2#
125	240.8	6.5	9.7#



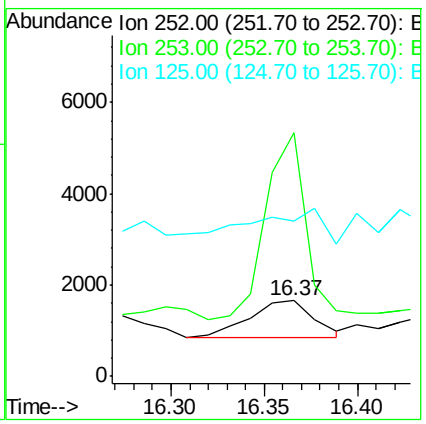


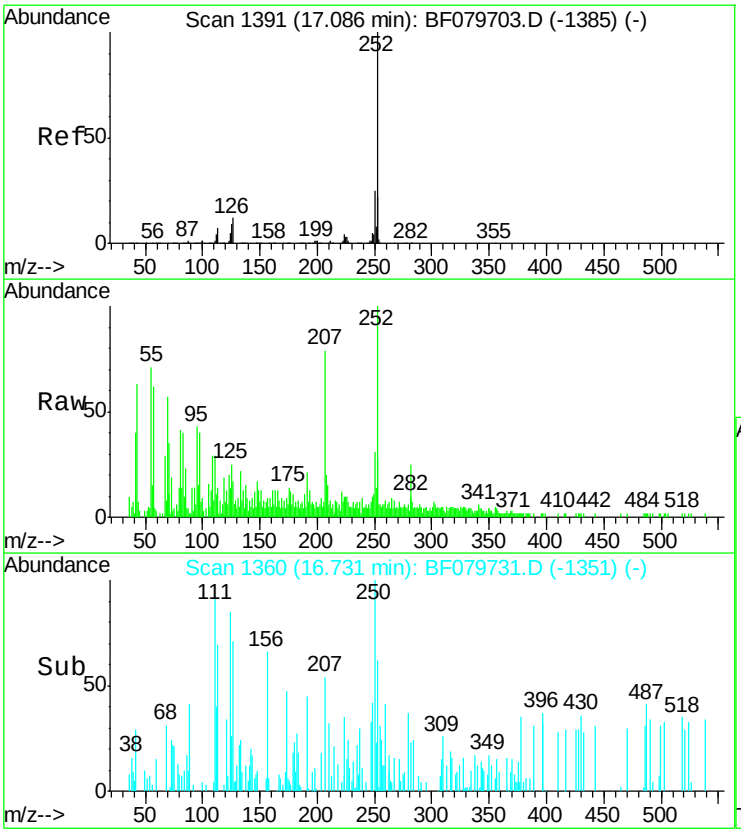
#88
Benzo(k)fluoranthene
Concen: 269.69 ng
RT: 16.37 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion:252 Resp: 1992

Ion	Ratio	Lower	Upper
252	100		
253	321.9	17.8	26.8#
125	204.6	8.4	12.6#

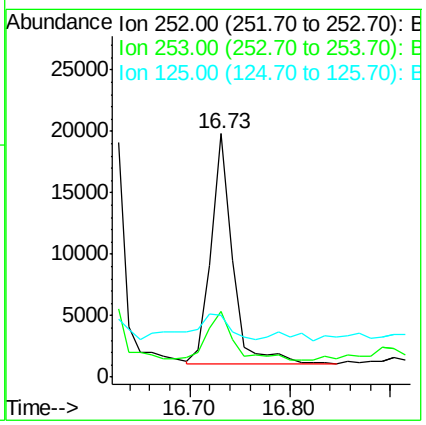


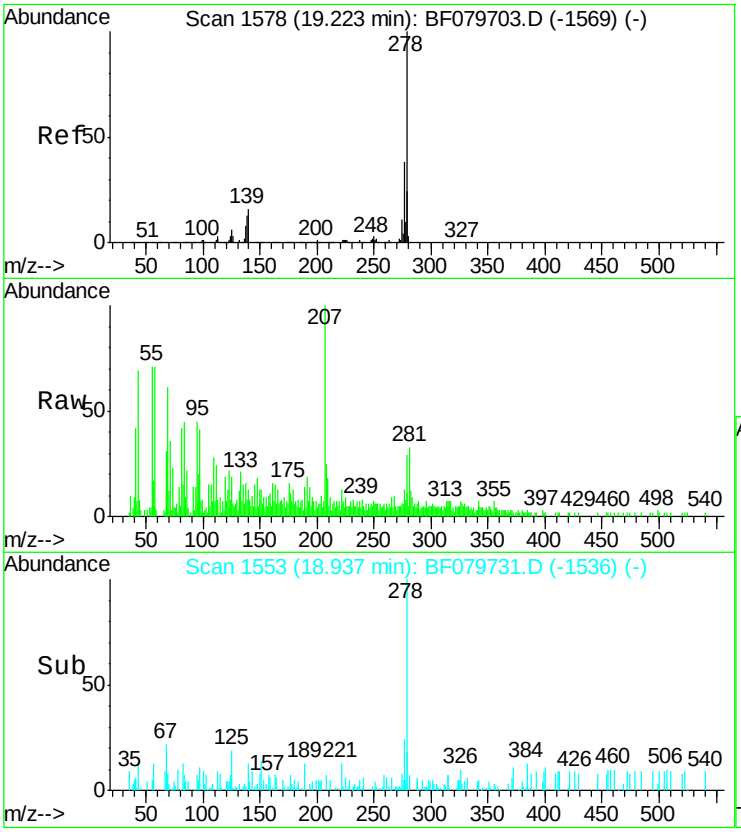


#89
Benzo(a)pyrene
Concen: 3962.78 ng
RT: 16.73 min Scan# 1360
Delta R.T. -0.10 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:252 Resp: 28025

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.6	26.4#
125	25.4	7.4	11.0#



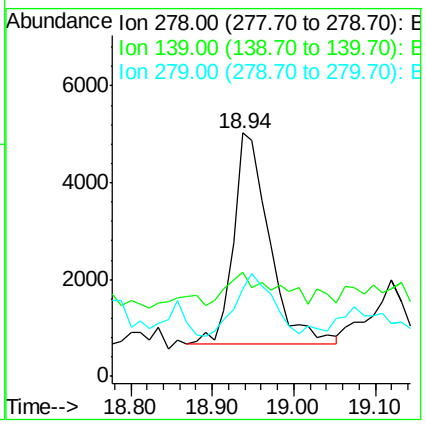


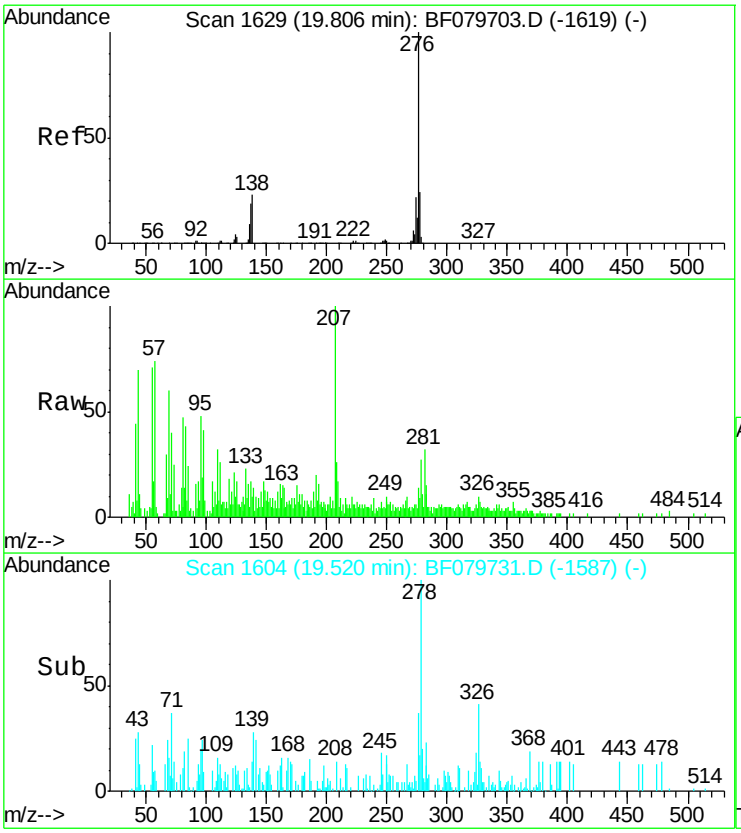
#90
Dibenzo(a,h)anthracene
Concen: 2025.65 ng
RT: 18.94 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Instrument :
BNA_F
ClientSampleId :
SEC-3.3-SP

Tgt Ion:278 Resp: 13234

Ion	Ratio	Lower	Upper
278	100		
139	42.5	12.7	19.1#
279	35.9	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 555.51 ng
RT: 19.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF079731.D
Acq: 5 Jun 2015 7:08

Tgt Ion:276 Resp: 3711

Ion	Ratio	Lower	Upper
276	100		
277	62.3	18.8	28.2#
138	67.6	18.2	27.2#