Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079298.D
Acq On : 16 May 2015 7:14
Operator : TP/IZ
Sample : G2249-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-1

Quant Time: May 18 00:58:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:57:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng		-7.22
21) Naphthalene-d8	8.75	136	300159	20.00	ng		-0.05
38) Acenaphthene-d10	10.92	164	137197	20.00	ng		-0.05
63) Phenanthrene-d10	12.77	188	257586	20.00	ng		-0.06
75) Chrysene-d12	16.06	240	268366	20.00	ng		-0.45
86) Perylene-d12	18.34	264	10328	20.00	ng		-0.54
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	7.87	82	322208	61.69	ng		-0.05
41) 2,4,6-Tribromophenol	11.91	330	153427	103.37	ng		-0.05
44) 2-Fluorobiphenyl	10.10	172	624739	63.44	ng		-0.05
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
49) Dimethylphthalate	10.60	163	42675	4.24	ng		98
70) Phenanthrene	12.80	178	184811	12.82	ng		98
71) Anthracene	12.86	178	58199	4.12	ng		99
74) Fluoranthene	14.27	202	363996	24.24	ng		95
77) Pyrene	14.27	202	363996	23.54	ng		99
80) Benzo(a)anthracene	16.05	228	201145	13.69	ng		96
82) Chrysene	16.09	228	144322	10.21	ng		97
83) Bis(2-ethylhexyl)phthalate	16.10	149	362085	35.36	ng	#	98
87) Benzo(b)fluoranthene	17.74	252	167409	296.14	ng		99
88) Benzo(k)fluoranthene	17.74	252	165151	301.78	ng	#	96
89) Benzo(a)pyrene	18.18	252	1042	2.00	ng	#	1

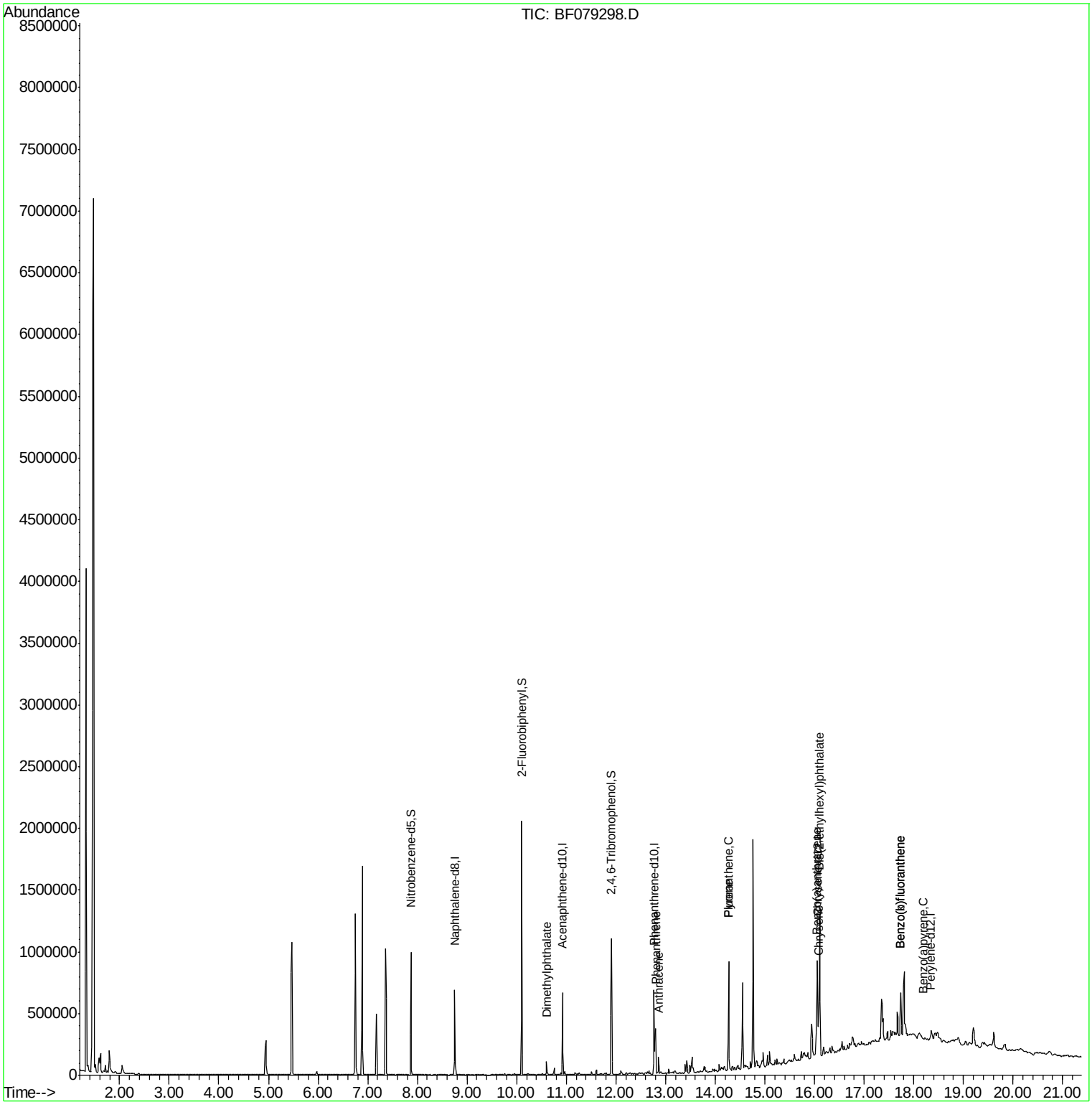
(#) = qualifier out of range (m) = manual integration (+) = signals summed

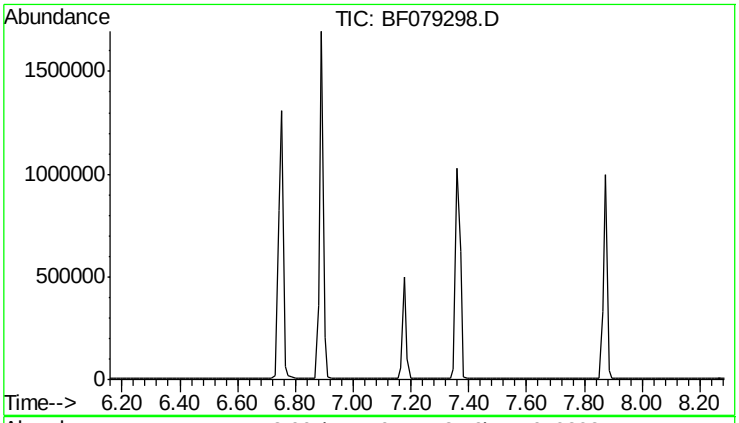
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079298.D
Acq On : 16 May 2015 7:14
Operator : TP/IZ
Sample : G2249-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-1

Quant Time: May 18 00:58:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:57:52 2015
Response via : Initial Calibration





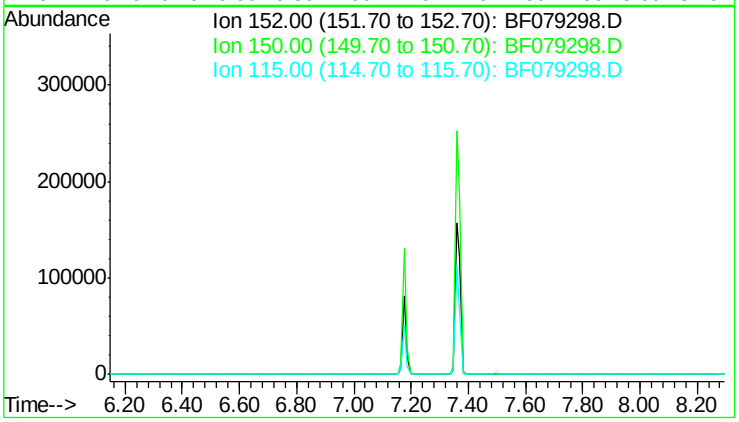
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 7.22 min

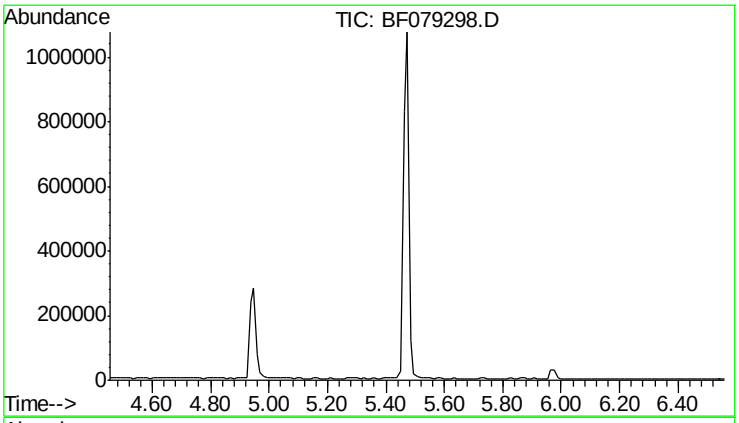
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	154.8
115	61.7



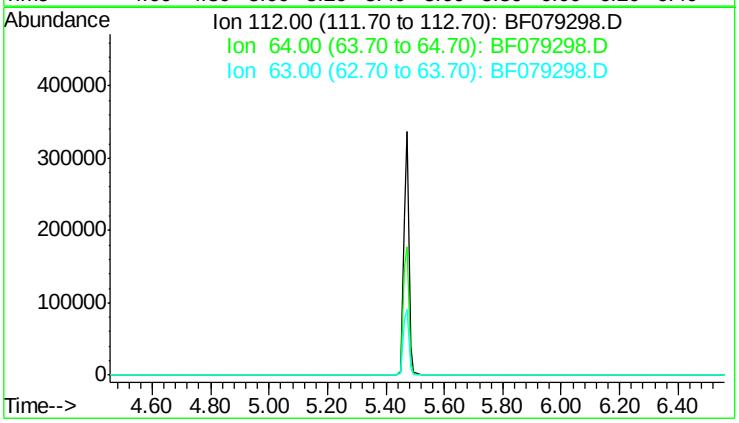


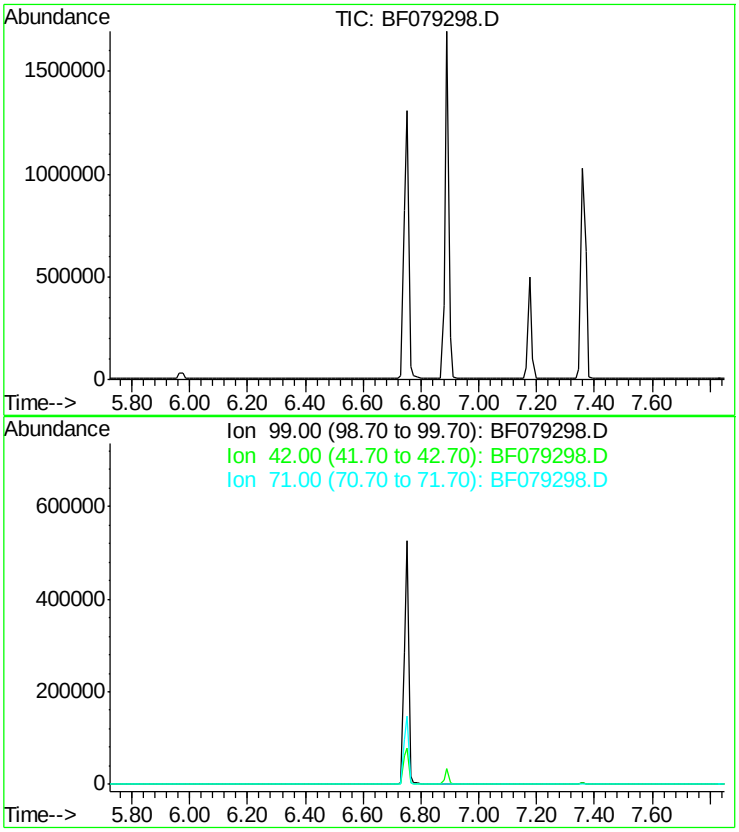
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.51 min

Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4





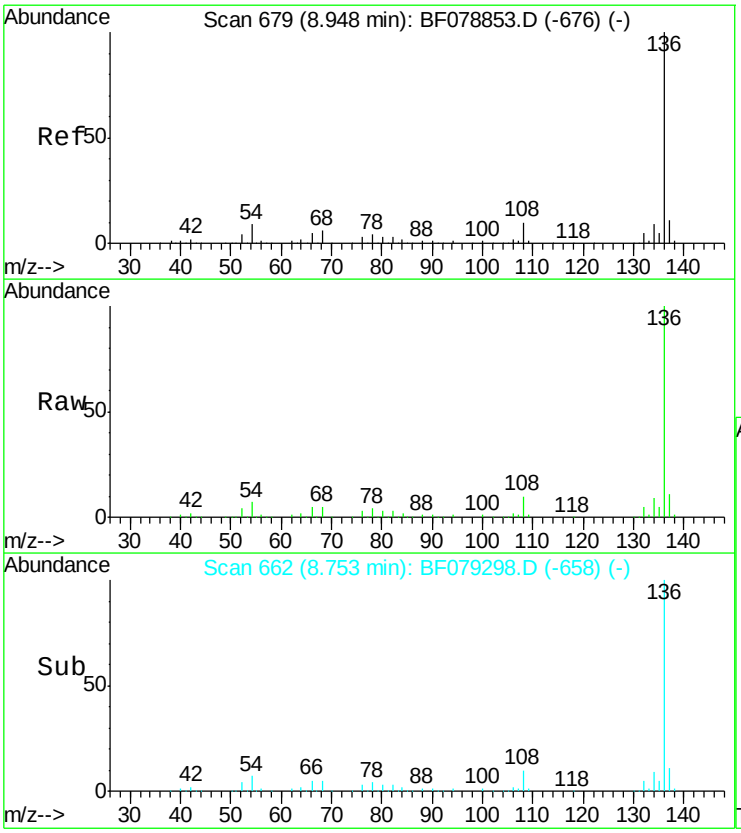
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.79 min

Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

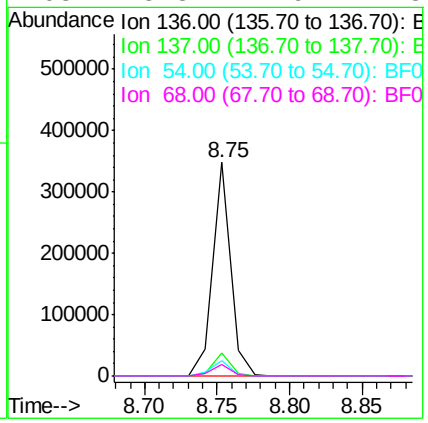
Instrument :
BNA_F
ClientSampleId :
SR-1

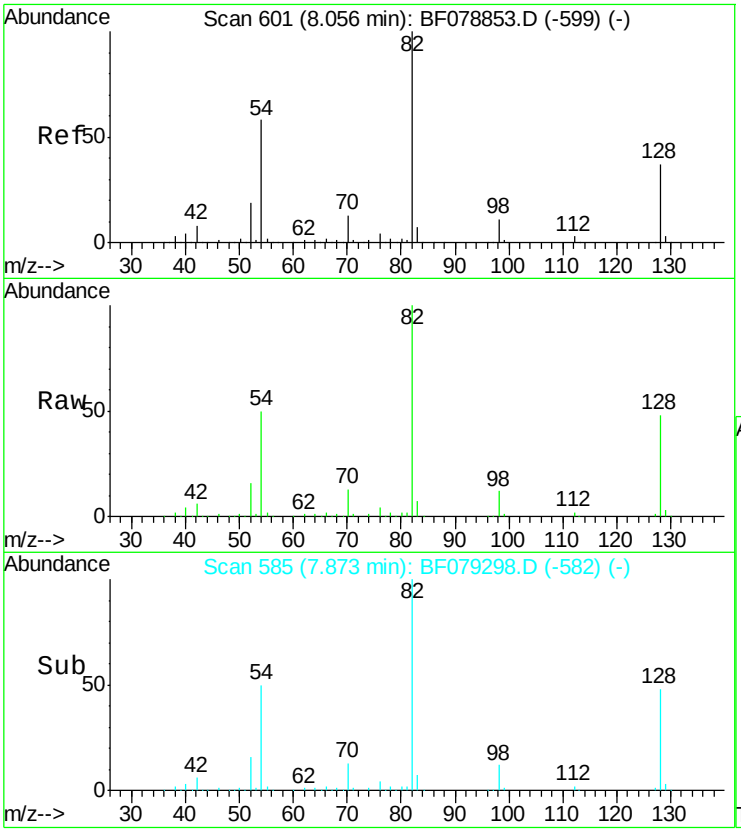


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 662
Delta R.T. -0.05 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:136 Resp: 300159

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.3	6.9	10.3
68	5.3	4.9	7.3



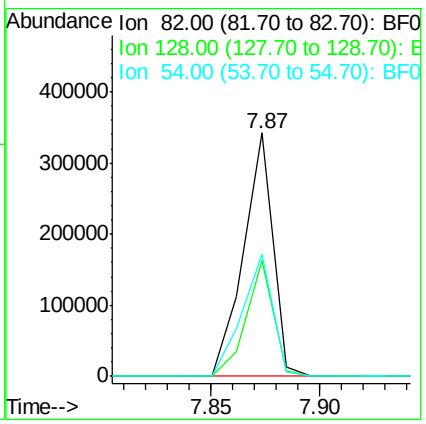


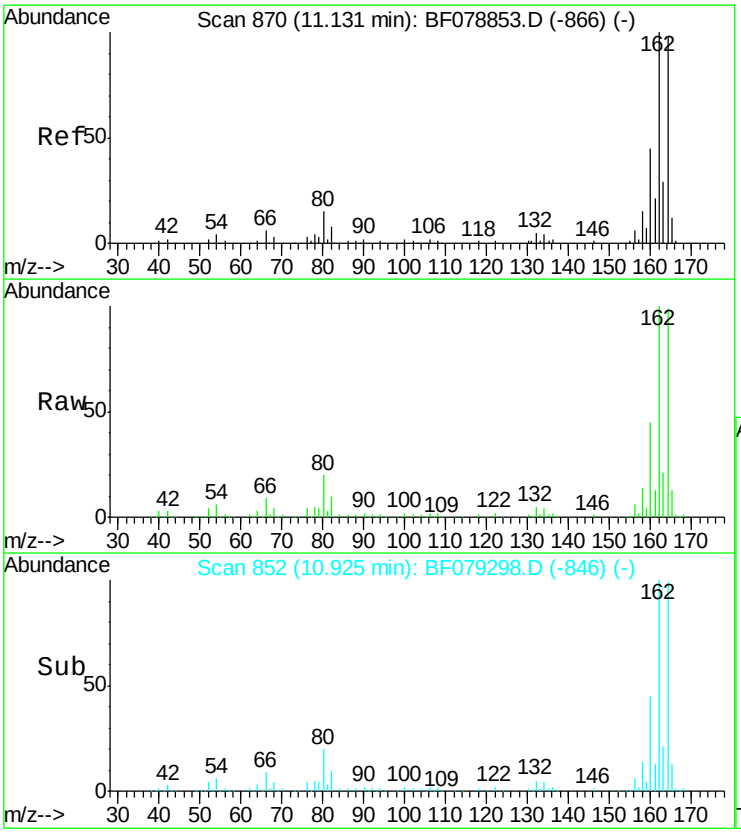
#23
Nitrobenzene-d5
Concen: 61.69 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.05 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion: 82 Resp: 322208

Ion	Ratio	Lower	Upper
82	100		
128	47.7	29.7	44.5#
54	50.1	46.2	69.4

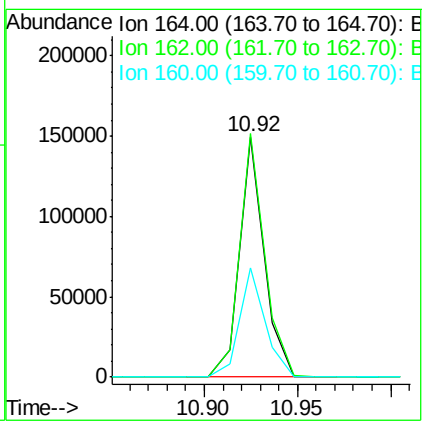


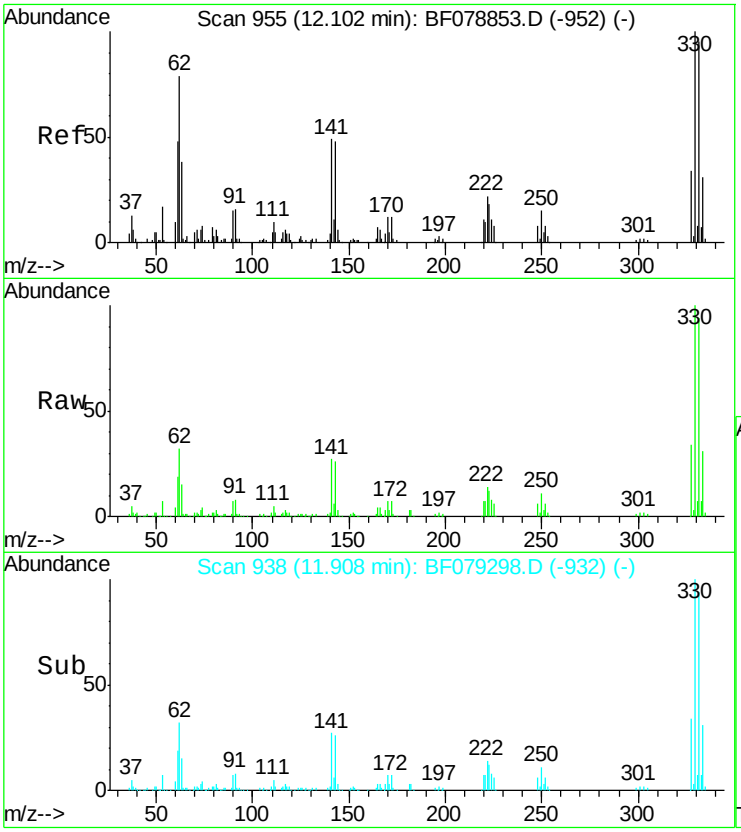


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:164 Resp: 137197

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	45.7	36.6	54.8



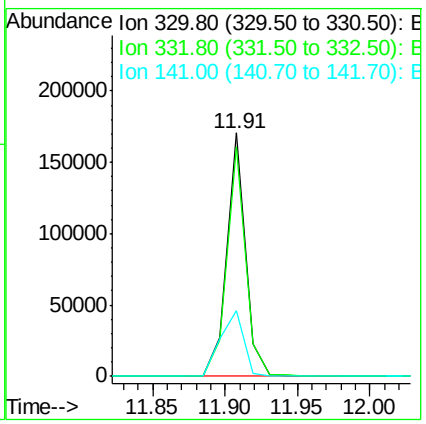


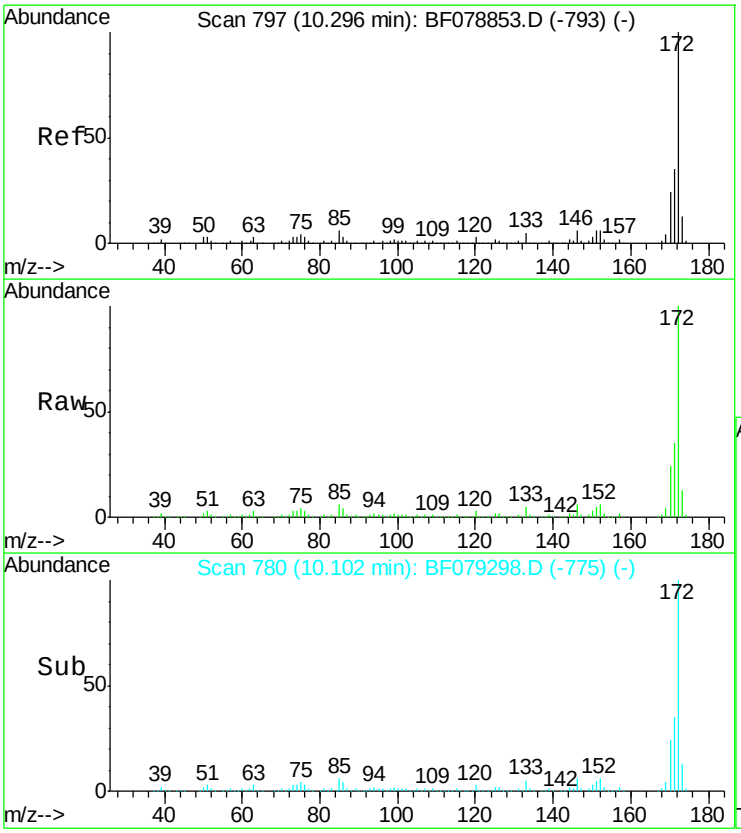
#41
2,4,6-Tribromophenol
Concen: 103.37 ng
RT: 11.91 min Scan# 938
Delta R.T. -0.05 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion:330 Resp: 153427

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.9	115.3
141	34.2	27.8	41.8

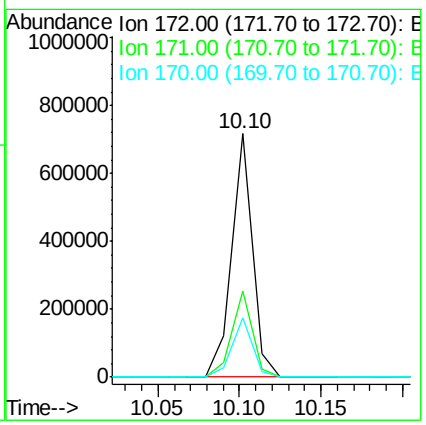


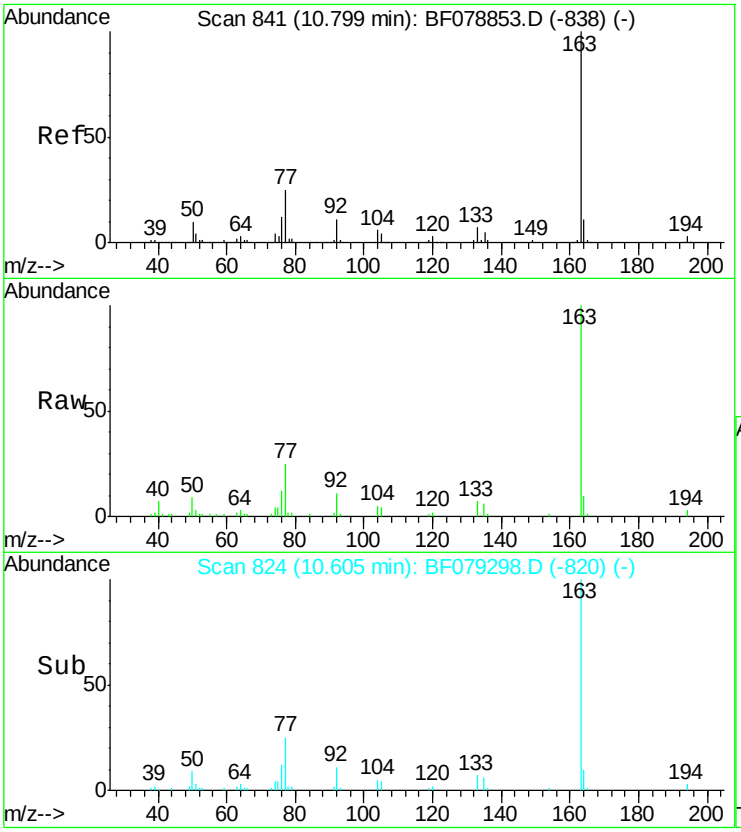


#44
2-Fluorobiphenyl
Concen: 63.44 ng
RT: 10.10 min Scan# 780
Delta R.T. -0.05 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:172 Resp: 624739

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	24.4	19.4	29.2



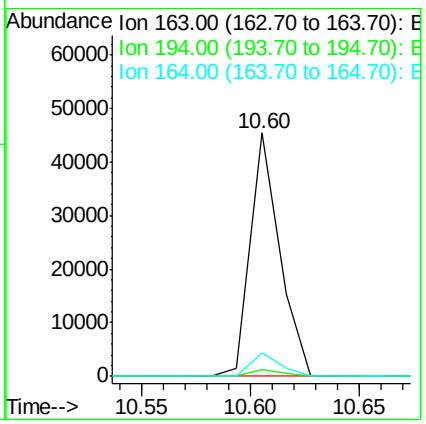


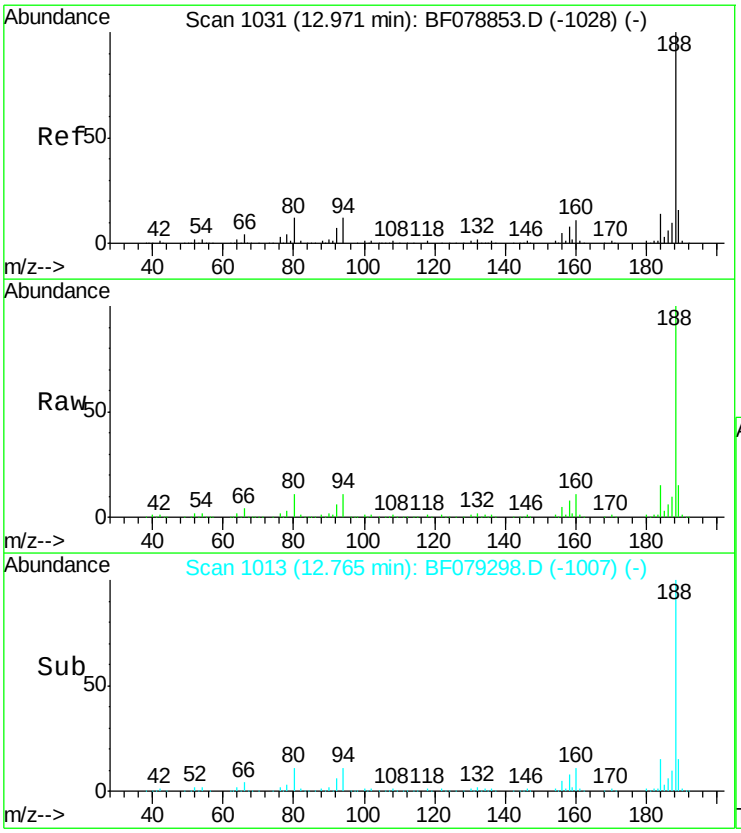
#49
Dimethylphthalate
Concen: 4.24 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.06 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion:163 Resp: 42675

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.4	3.6
164	9.8	8.6	12.8

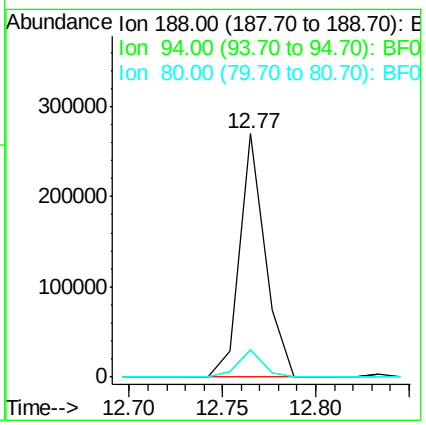


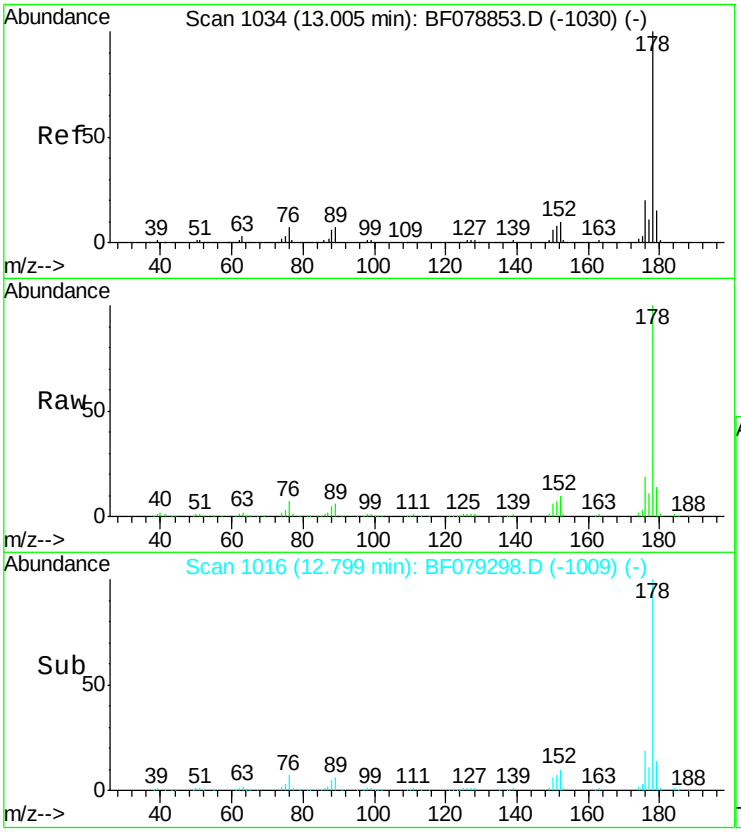


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. -0.06 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:188 Resp: 257586

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.0
80	11.3	9.8	14.6



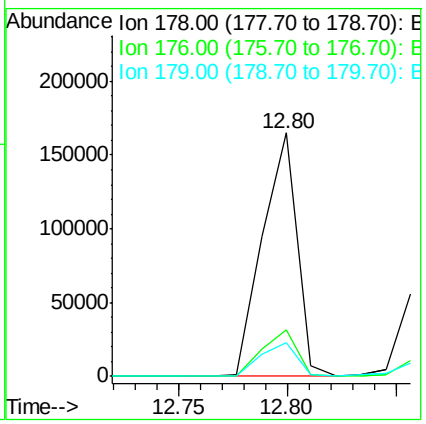


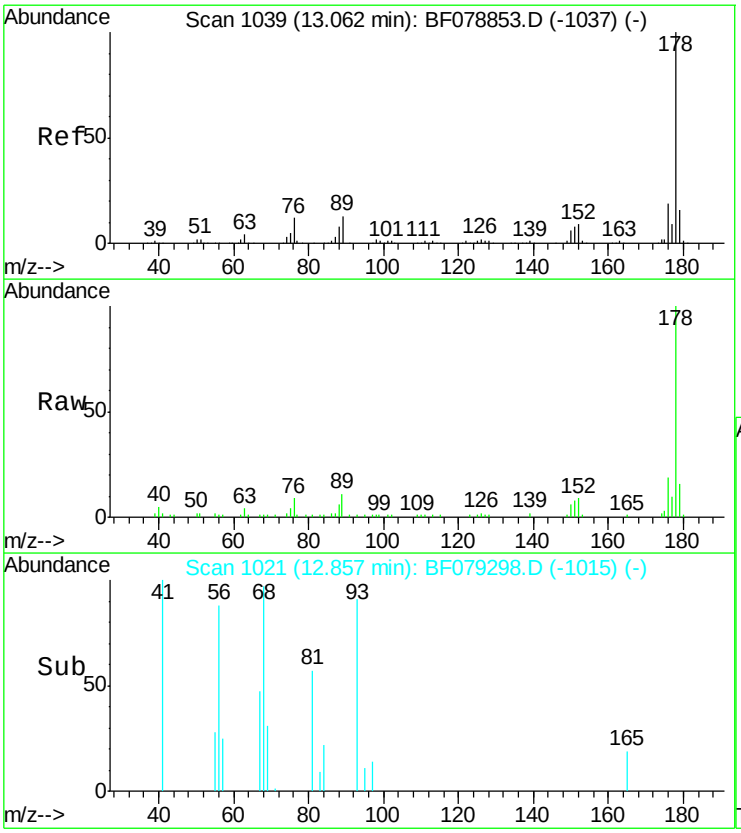
#70
Phenanthrene
Concen: 12.82 ng
RT: 12.80 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion:178 Resp: 184811

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	14.0	12.2	18.4

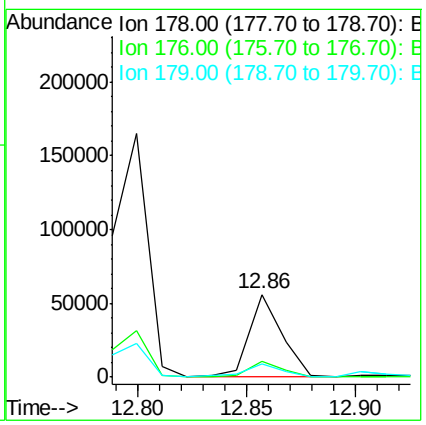


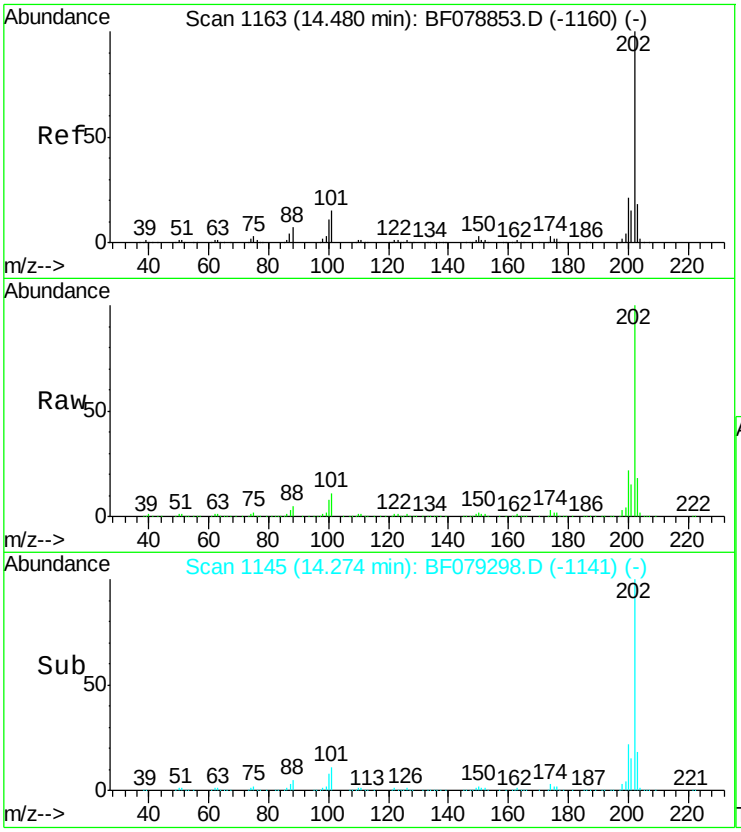


#71
Anthracene
Concen: 4.12 ng
RT: 12.86 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:178 Resp: 58199

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	16.2	12.6	19.0



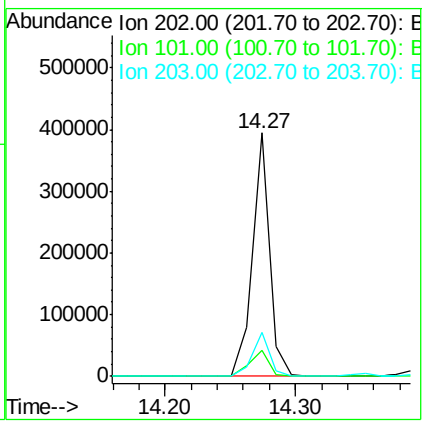


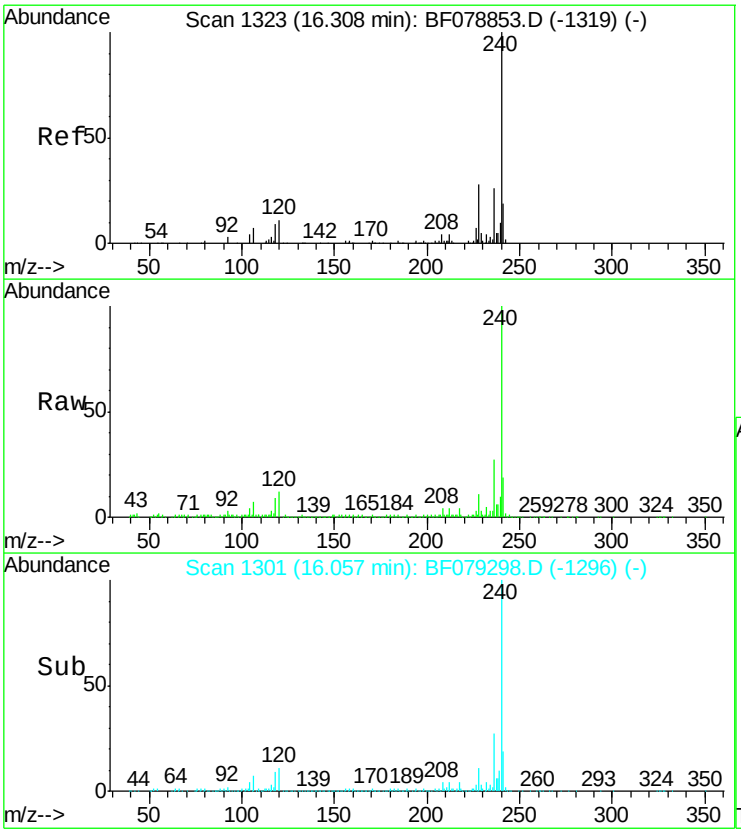
#74
Fluoranthene
Concen: 24.24 ng
RT: 14.27 min Scan# 1145
Delta R.T. -0.10 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion:202 Resp: 363996

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.7
203	17.8	0.0	37.9

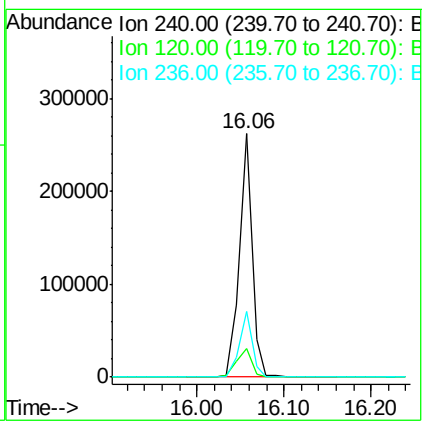


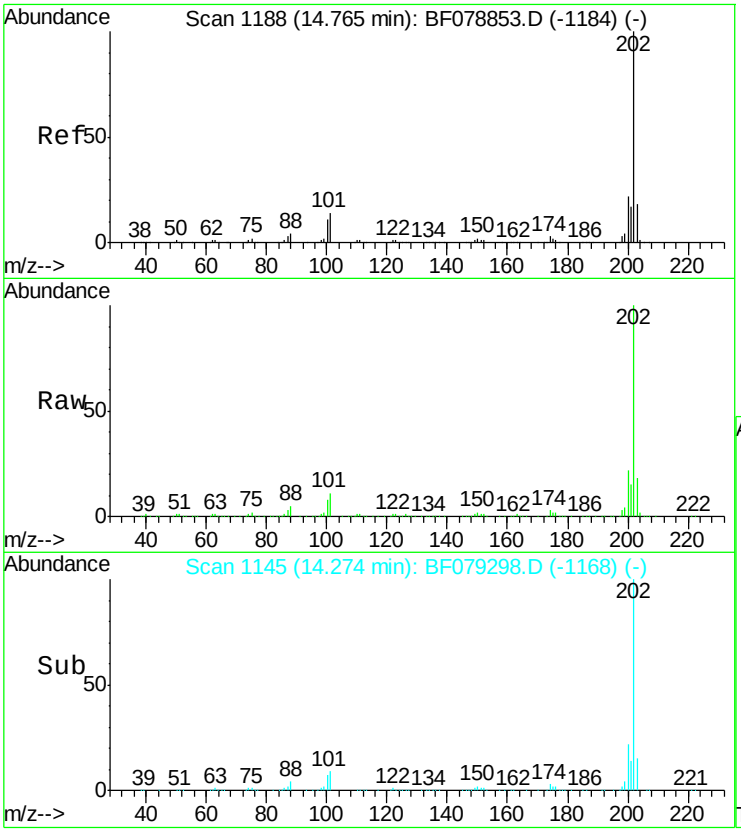


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1301
Delta R.T. -0.45 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:240 Resp: 268366

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.6	12.8
236	26.8	21.0	31.6



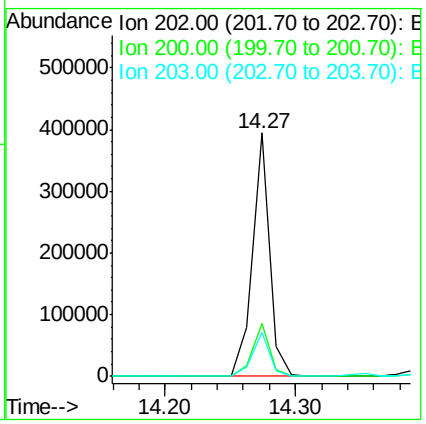


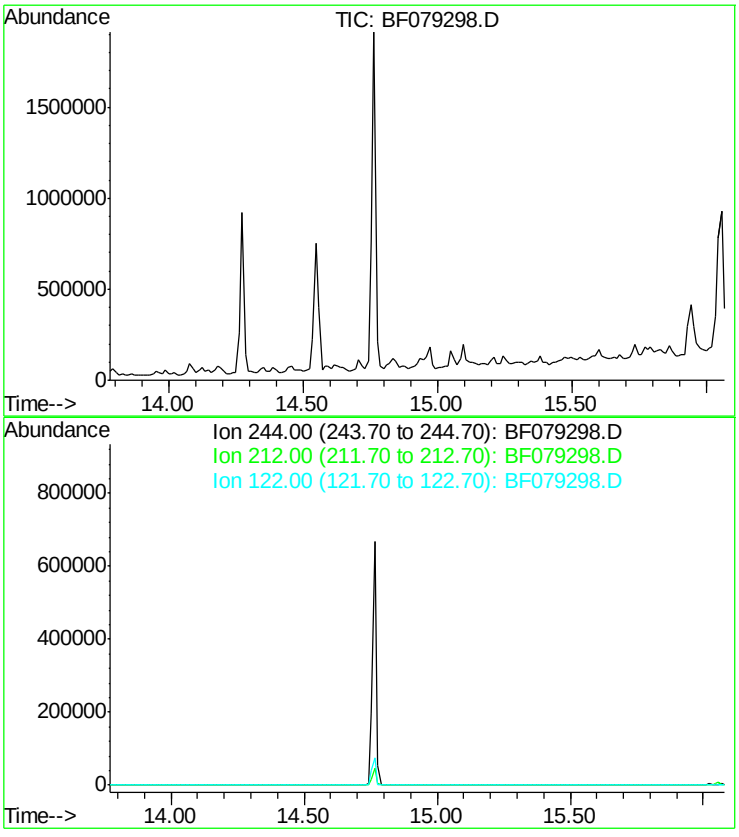
#77
Pyrene
Concen: 23.54 ng
RT: 14.27 min Scan# 1145
Delta R.T. -0.41 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion:202 Resp: 363996

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	17.8	14.7	22.1



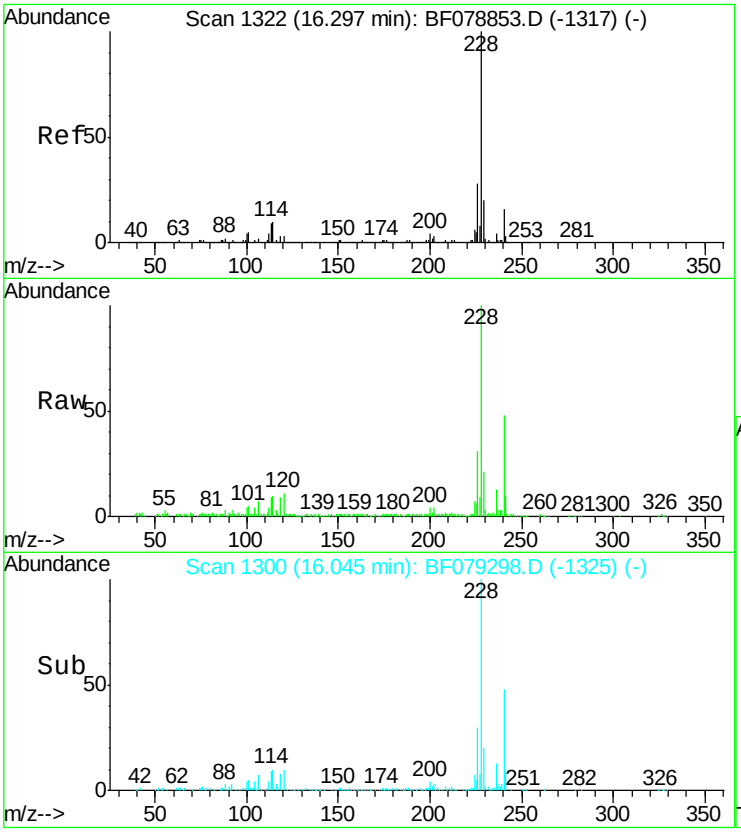


#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.93 min

Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	13.1

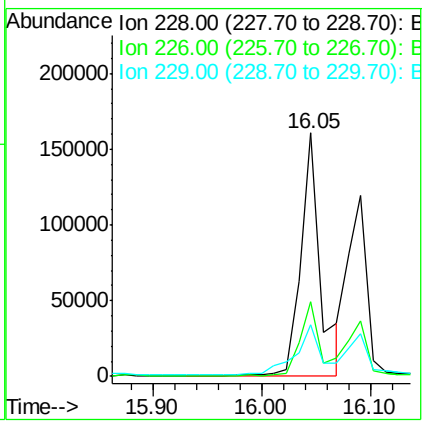


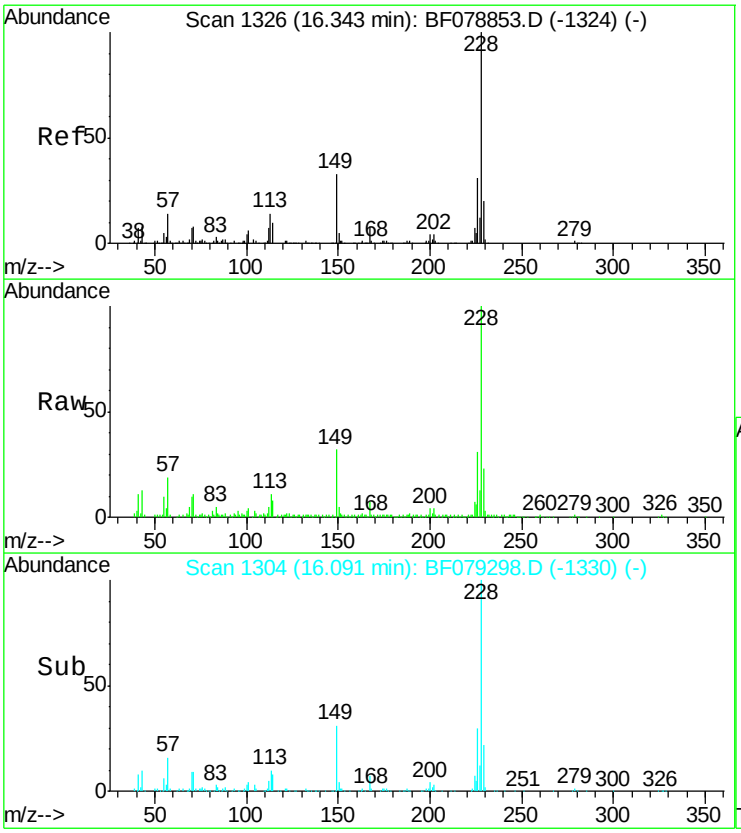
#80
Benzo(a)anthracene
Concen: 13.69 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.45 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion:228 Resp: 201145

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	21.0	16.1	24.1

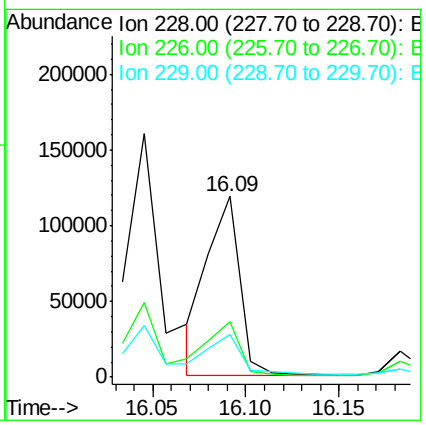


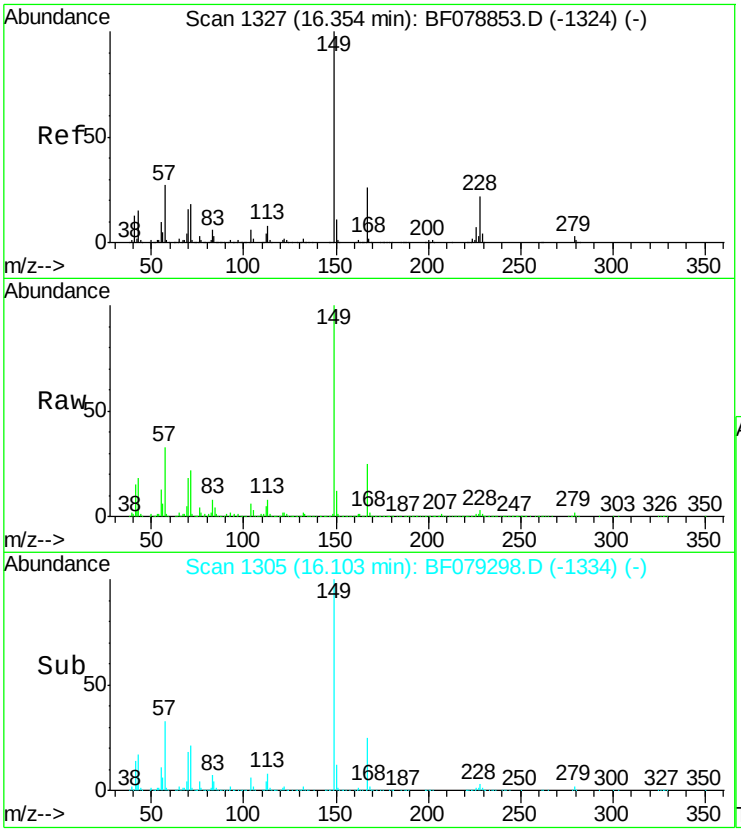


#82
Chrysene
Concen: 10.21 ng
RT: 16.09 min Scan# 1304
Delta R.T. -0.46 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:228 Resp: 144322

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	23.3	16.1	24.1



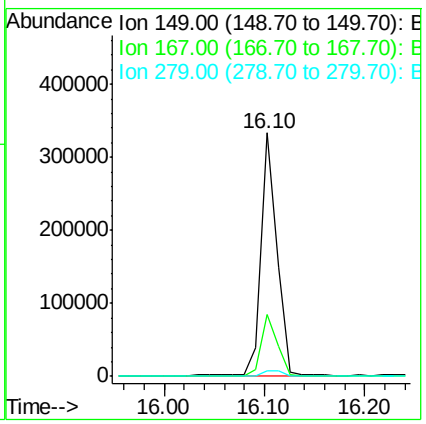


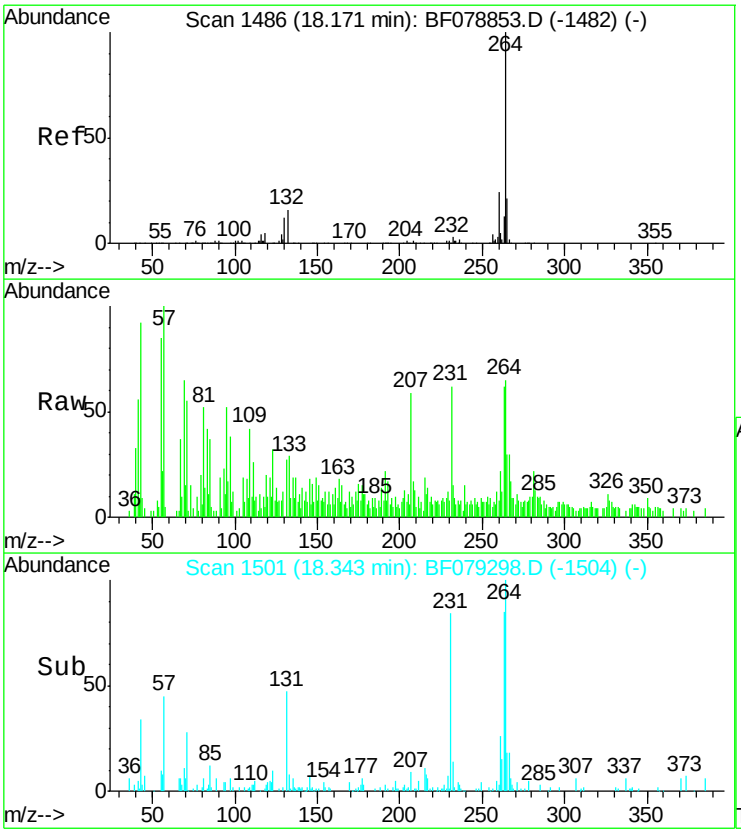
#83
Bis(2-ethylhexyl)phthalate
Concen: 35.36 ng
RT: 16.10 min Scan# 1305
Delta R.T. -0.50 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion:149 Resp: 362085

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.2	31.8
279	2.4	2.6	4.0#

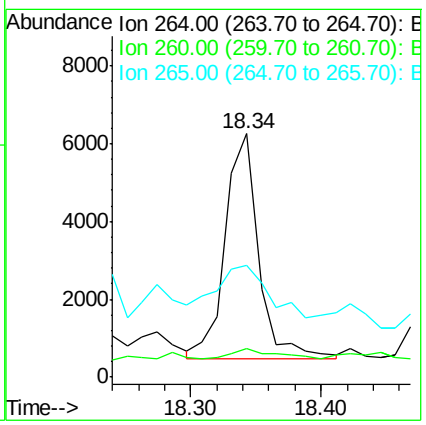


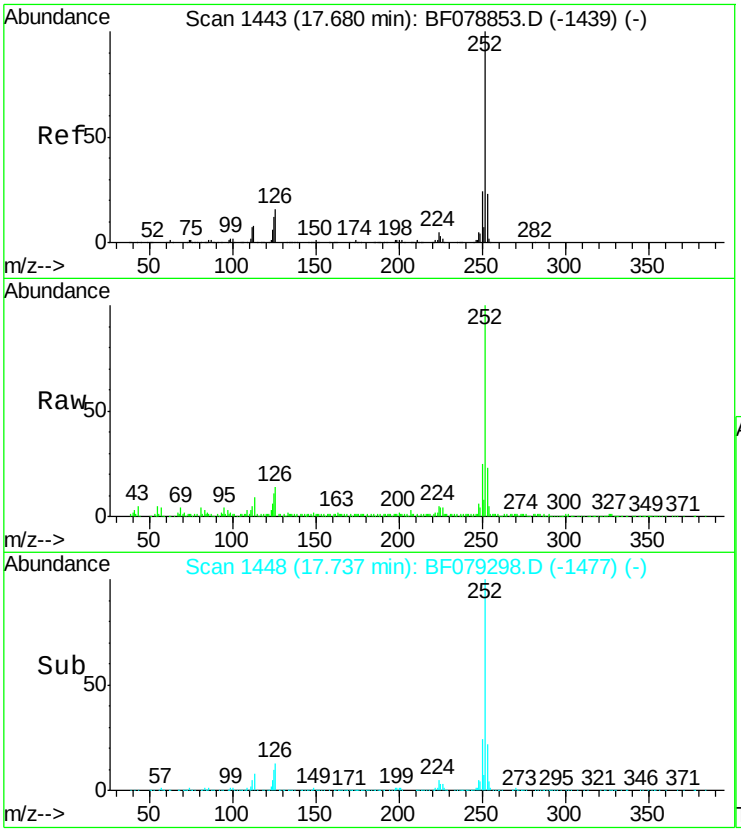


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 1501
Delta R.T. -0.54 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:264 Resp: 10328

Ion	Ratio	Lower	Upper
264	100		
260	11.8	19.2	28.8#
265	45.9	17.2	25.8#



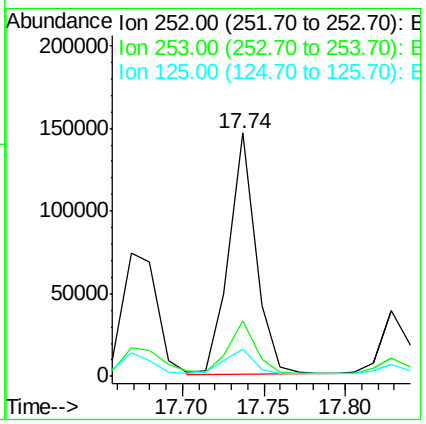


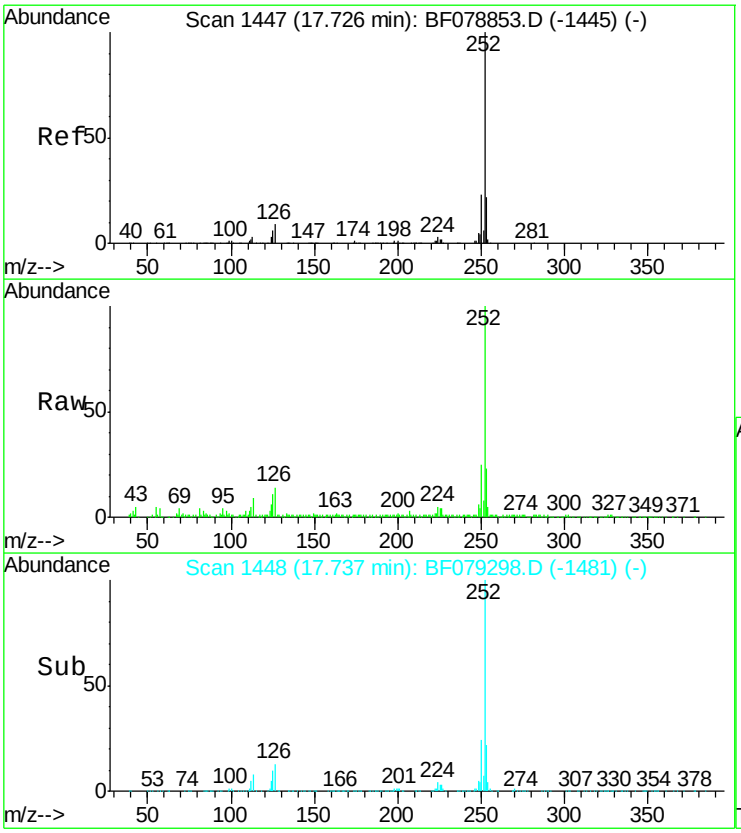
#87
Benzo(b)fluoranthene
Concen: 296.14 ng
RT: 17.74 min Scan# 1448
Delta R.T. -0.51 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion:252 Resp: 167409

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.0	9.4	14.2

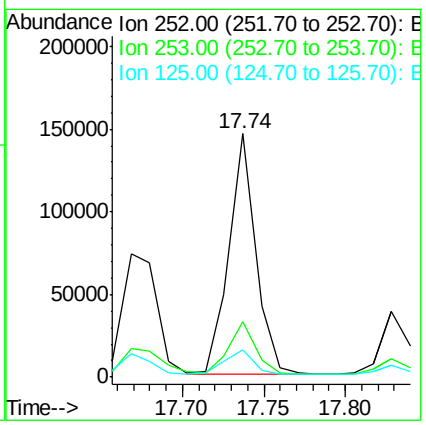


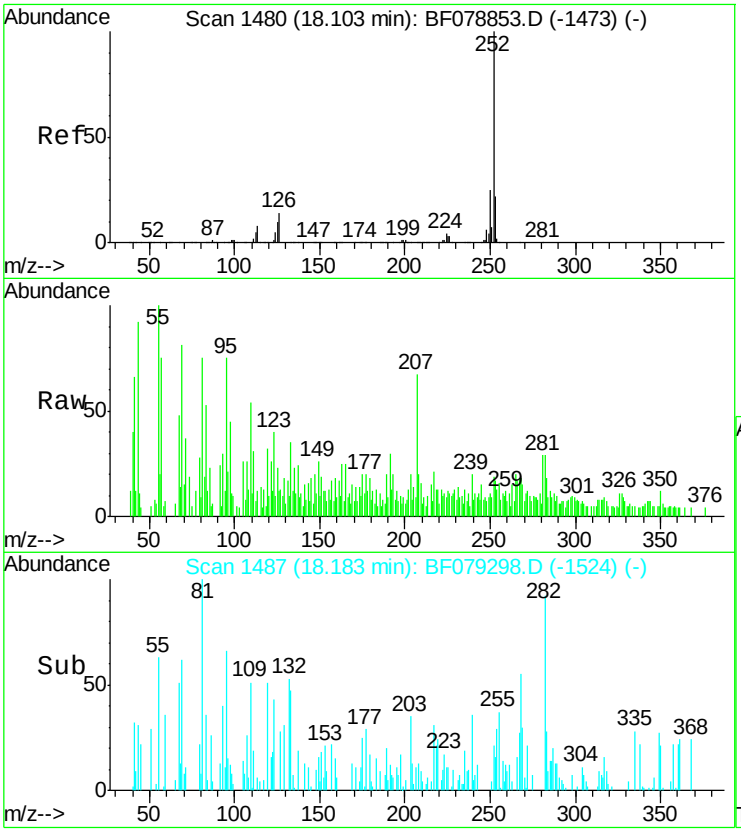


#88
Benzo(k)fluoranthene
Concen: 301.78 ng
RT: 17.74 min Scan# 1448
Delta R.T. -0.56 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:252 Resp: 165151

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	11.0	6.1	9.1#





#89
Benzo(a)pyrene
Concen: 2.00 ng
RT: 18.18 min Scan# 1487
Delta R.T. -0.61 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tgt Ion:252 Resp: 1042

Ion	Ratio	Lower	Upper
252	100		
253	88.7	18.0	27.0#
125	115.8	8.2	12.2#