Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079162.D
Acq On : 12 May 2015 17:21
Operator : TP/IZ
Sample : G2155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-42S

Quant Time: May 13 01:41:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	67140	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	289962	20.00	ng		0.00
38) Acenaphthene-d10	11.03	164	141425	20.00	ng		-0.01
63) Phenanthrene-d10	12.88	188	271037	20.00	ng		0.00
75) Chrysene-d12	16.17	240	280169	20.00	ng		-0.02
86) Perylene-d12	17.93	264	298682	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	399951	102.54	ng		0.01
7) Phenol-d6	6.84	99	499687	96.92	ng		0.00
23) Nitrobenzene-d5	7.98	82	305058	60.46	ng		0.00
41) 2,4,6-Tribromophenol	12.01	330	146911	96.02	ng		0.00
44) 2-Fluorobiphenyl	10.20	172	608642	59.96	ng		0.00
78) Terphenyl-d14	14.87	244	651225	55.65	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	10.71	163	30262	2.92	ng		100
70) Phenanthrene	12.90	178	57921	3.82	ng		100
74) Fluoranthene	14.39	202	136343	8.63	ng		92
77) Pyrene	14.66	202	129770	8.04	ng		98
80) Benzo(a)anthracene	16.16	228	80602	5.25	ng		98
82) Chrysene	16.21	228	60630	4.11	ng		96
83) Bis(2-ethylhexyl)phthalate	16.22	149	49074	4.59	ng	#	99
85) Indeno(1,2,3-cd)pyrene	19.38	276	50287	2.67	ng	#	100
87) Benzo(b)fluoranthene	17.47	252	102524	6.27	ng		98
89) Benzo(a)pyrene	17.86	252	66183	4.40	ng	#	97
91) Benzo(g,h,i)perylene	19.82	276	50377	3.14	ng		95

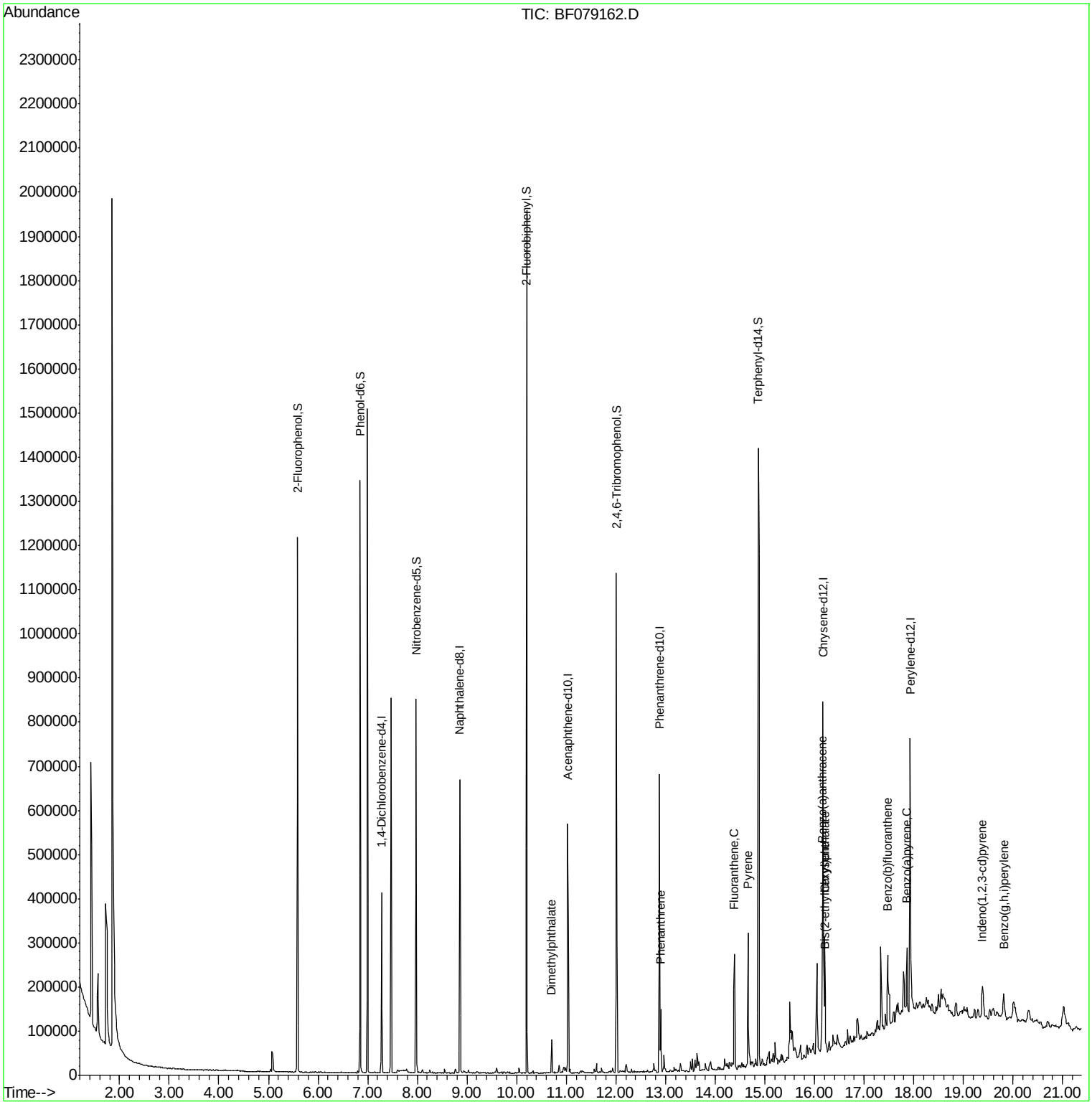
(#) = qualifier out of range (m) = manual integration (+) = signals summed

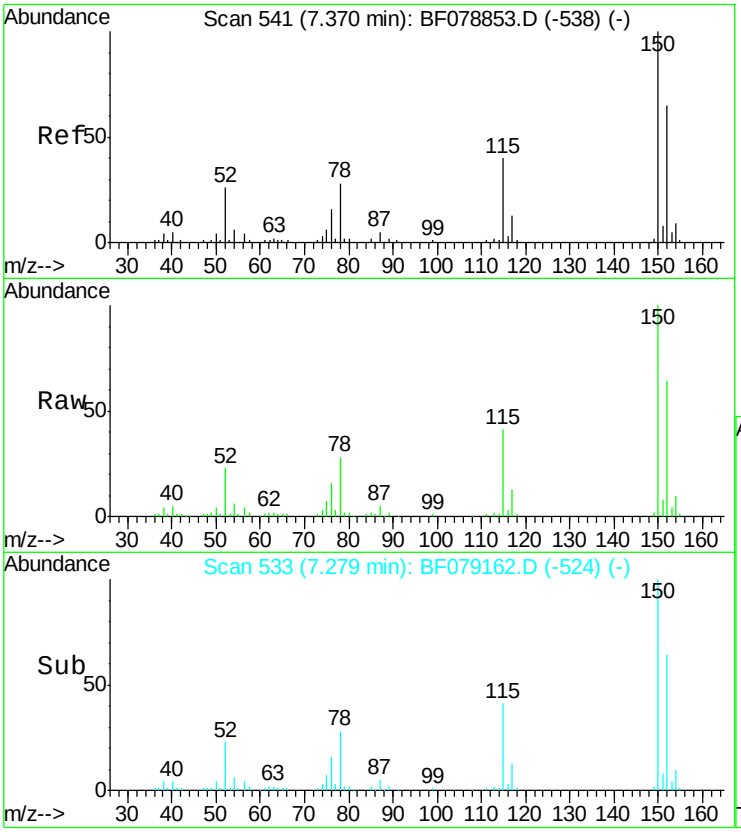
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079162.D
Acq On : 12 May 2015 17:21
Operator : TP/IZ
Sample : G2155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-42S

Quant Time: May 13 01:41:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration



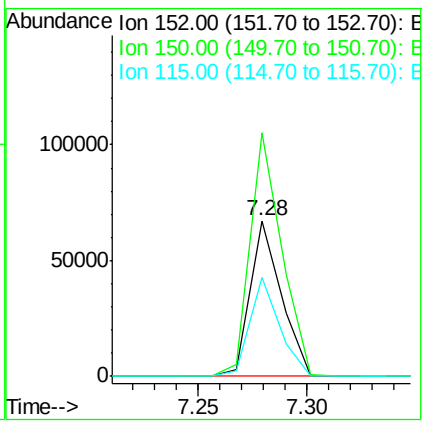


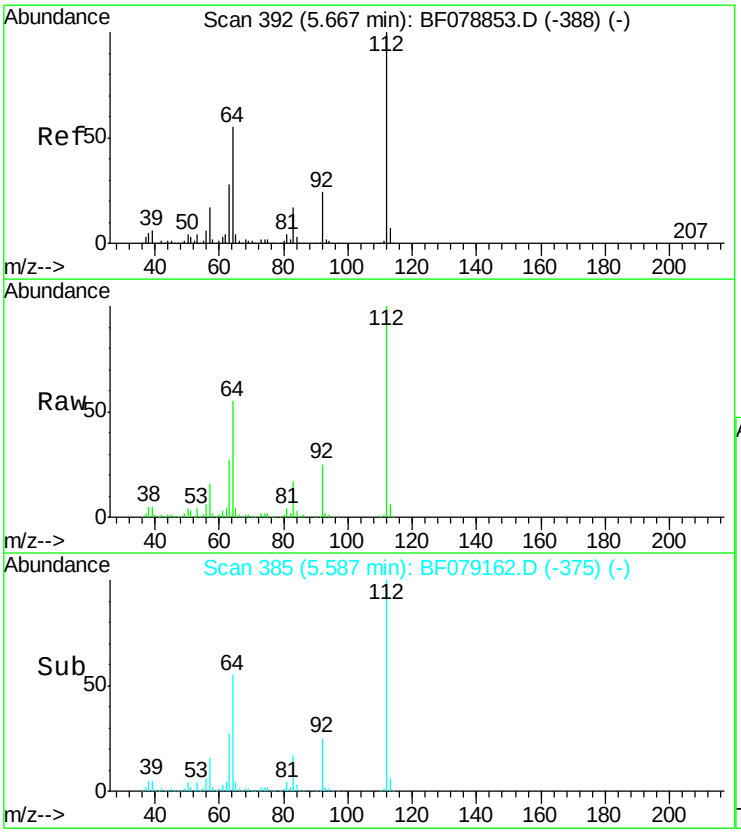
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion:152 Resp: 67140

Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.0	183.0
115	63.7	46.3	69.5

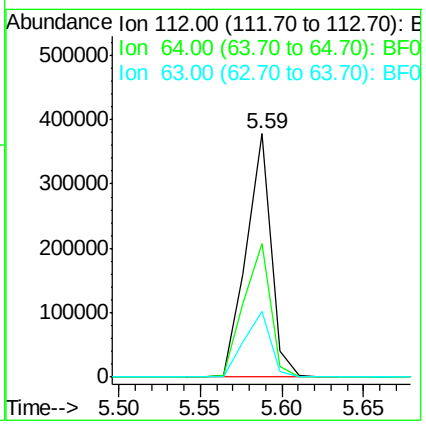


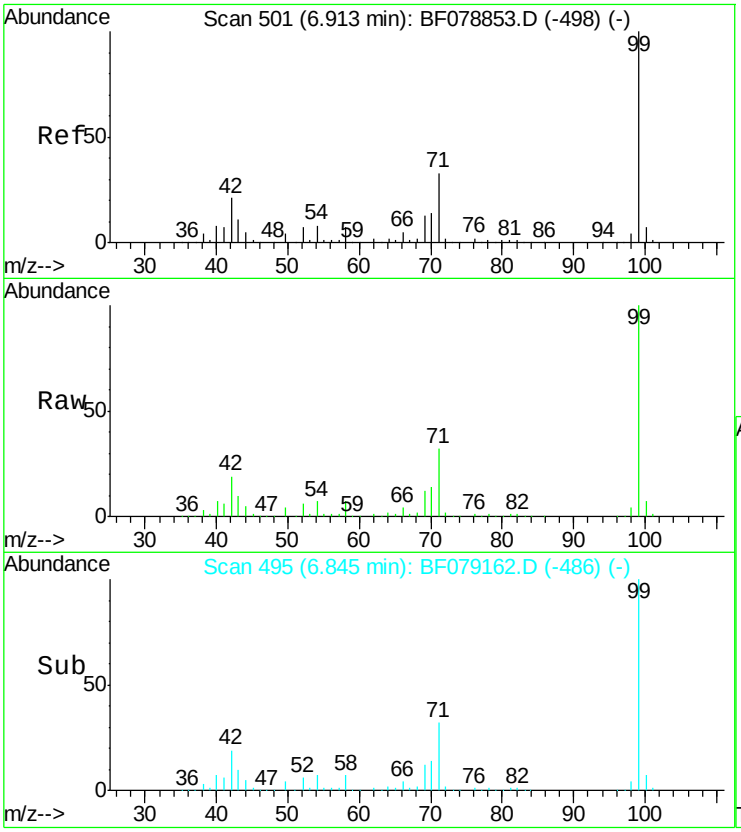


#5
2-Fluorophenol
Concen: 102.54 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:112 Resp: 399951

Ion	Ratio	Lower	Upper
112	100		
64	54.7	53.5	80.3
63	27.2	27.5	41.3#



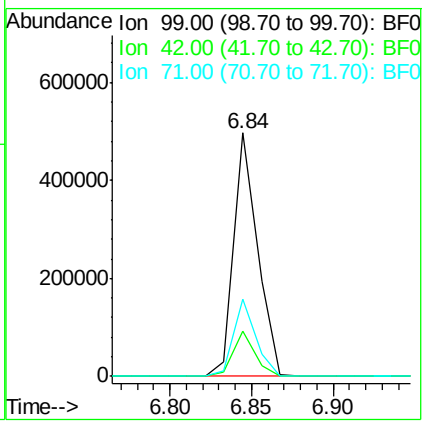


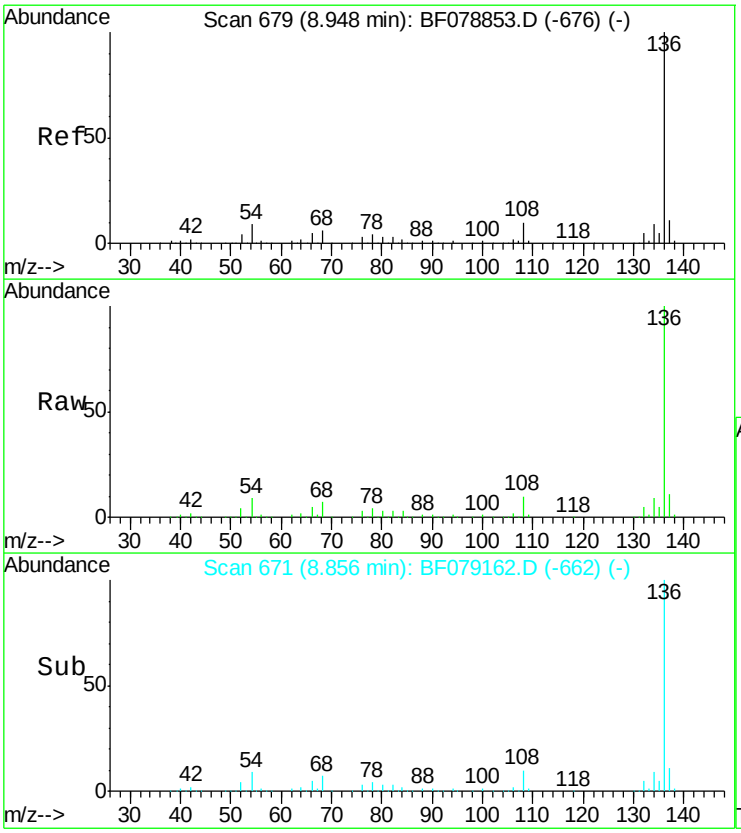
#7
Phenol-d6
Concen: 96.92 ng
RT: 6.84 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion: 99 Resp: 499687

Ion	Ratio	Lower	Upper
99	100		
42	18.6	12.8	19.2
71	31.6	23.4	35.2

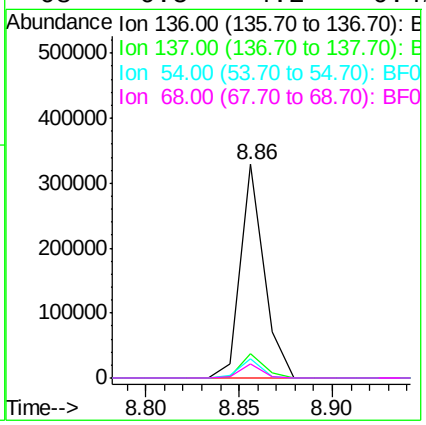


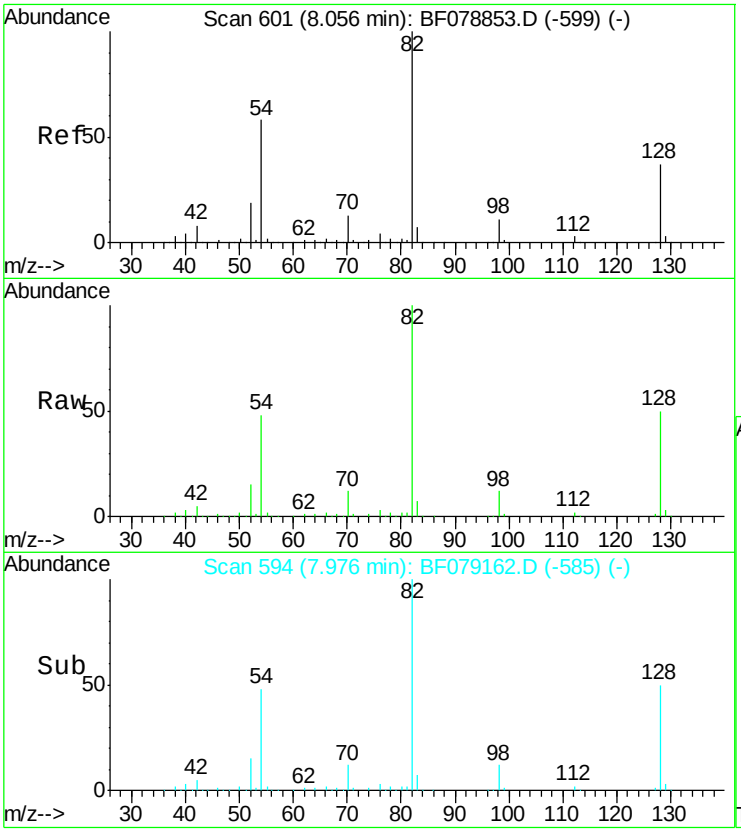


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:136 Resp: 289962

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.7	5.8	8.8
68	6.5	4.2	6.4#



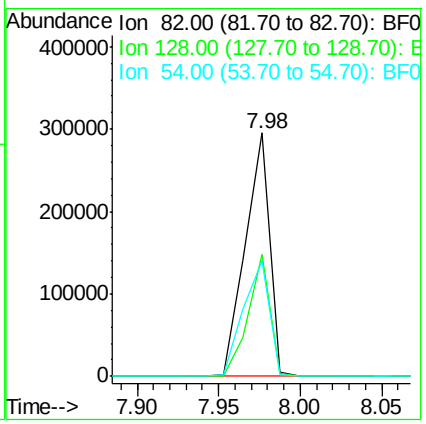


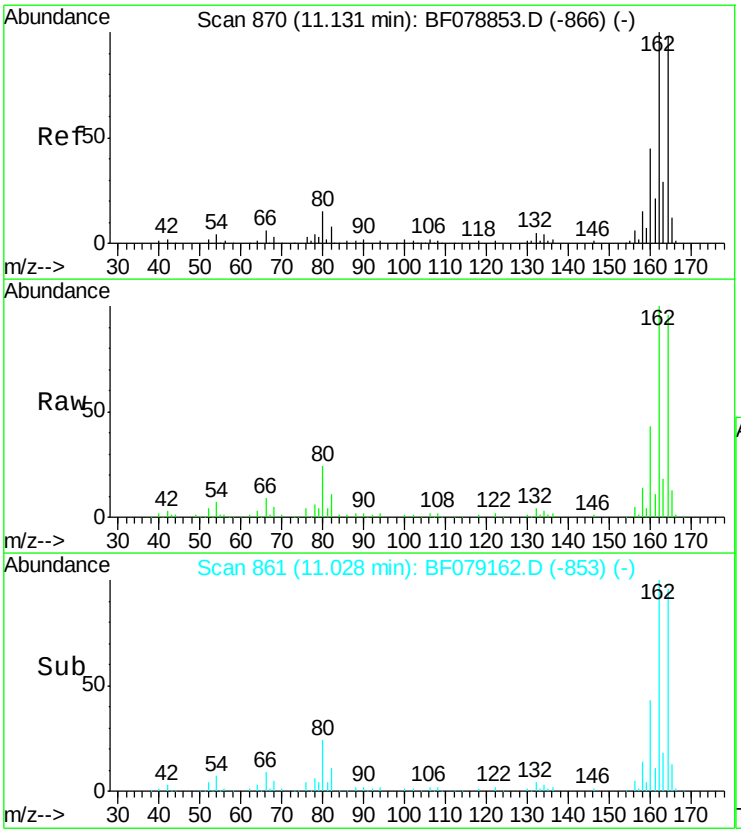
#23
Nitrobenzene-d5
Concen: 60.46 ng
RT: 7.98 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion: 82 Resp: 305058

Ion	Ratio	Lower	Upper
82	100		
128	50.3	30.0	45.0#
54	47.7	46.4	69.6

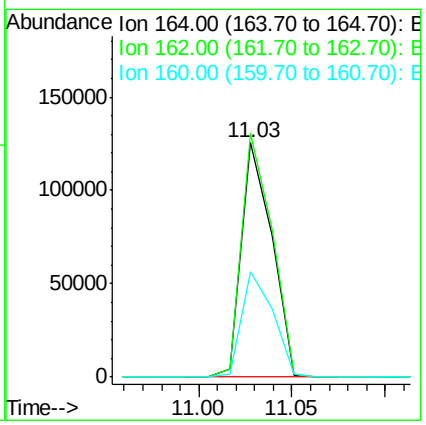


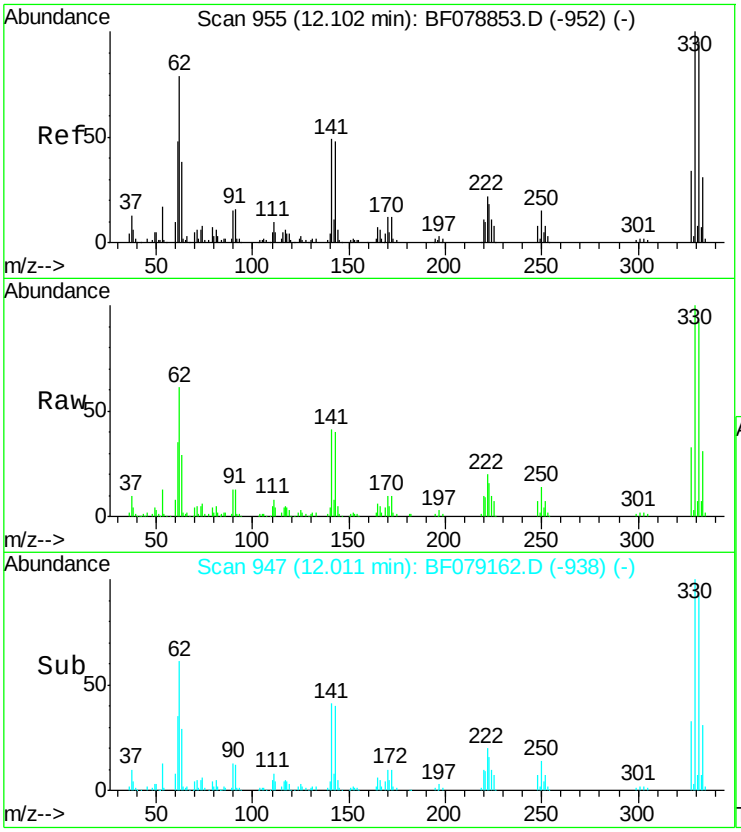


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:164 Resp: 141425

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.7	124.1
160	44.7	35.8	53.8



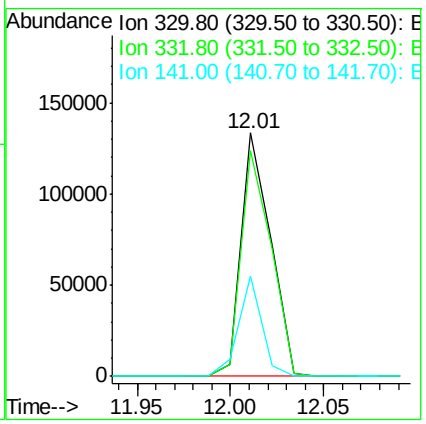


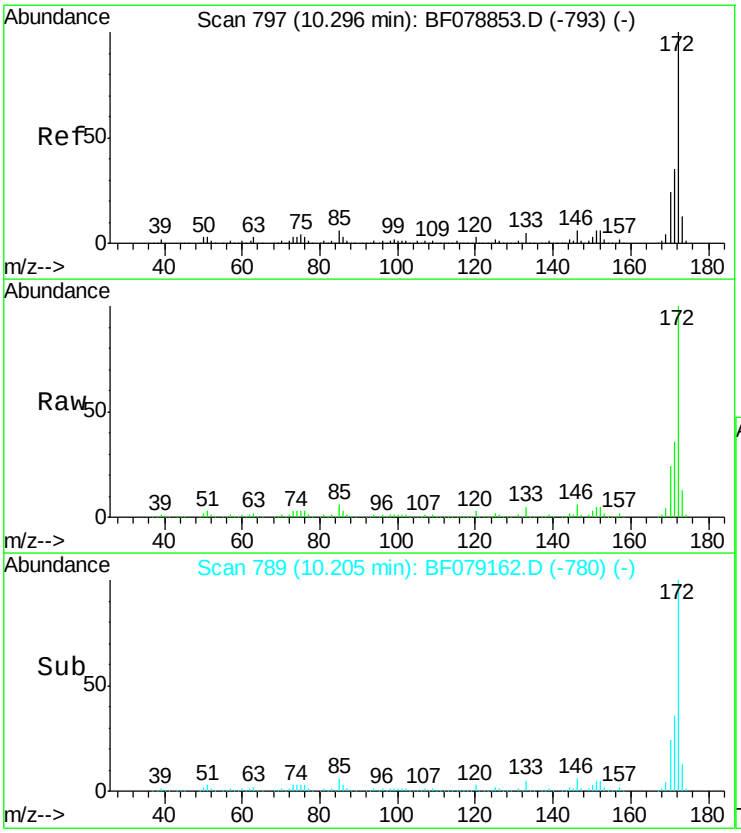
#41
2,4,6-Tribromophenol
Concen: 96.02 ng
RT: 12.01 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion:330 Resp: 146911

Ion	Ratio	Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	33.2	0.0	0.0#

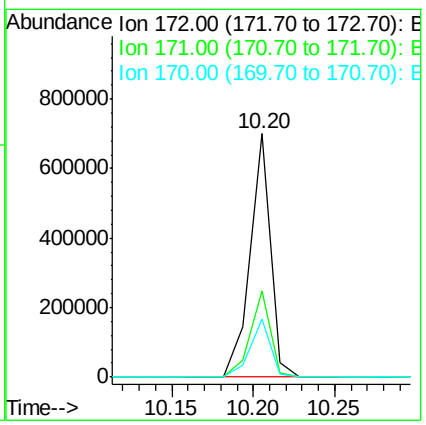


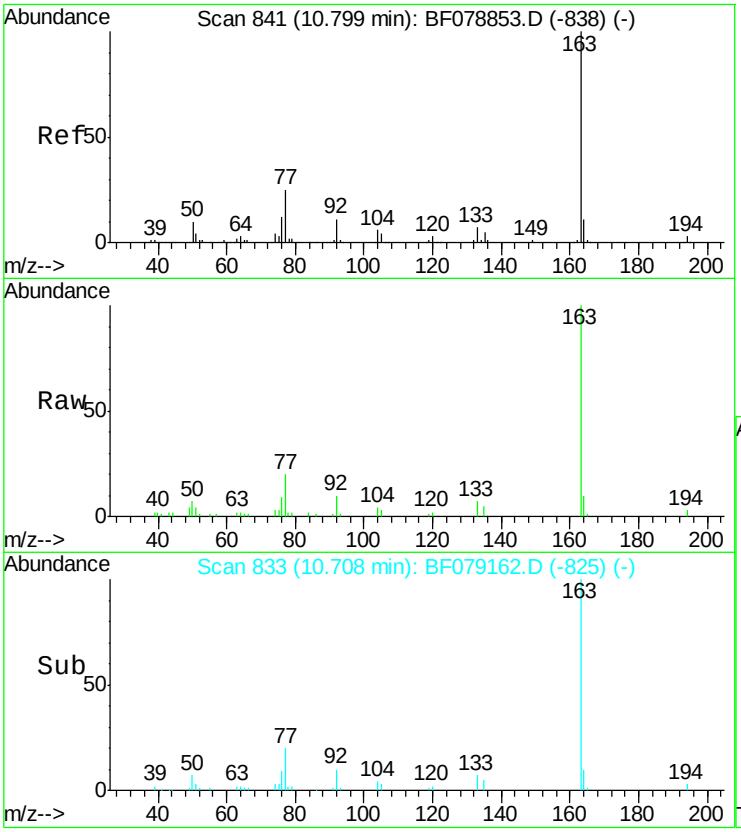


#44
2-Fluorobiphenyl
Concen: 59.96 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:172 Resp: 608642

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.1	19.4	29.0



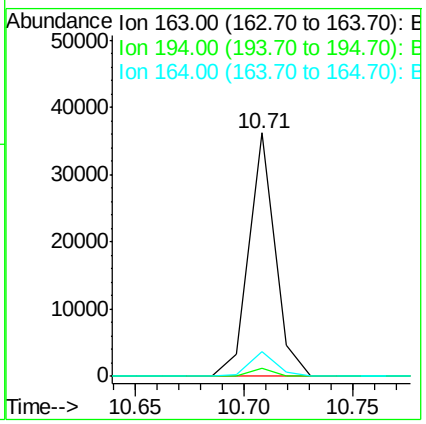


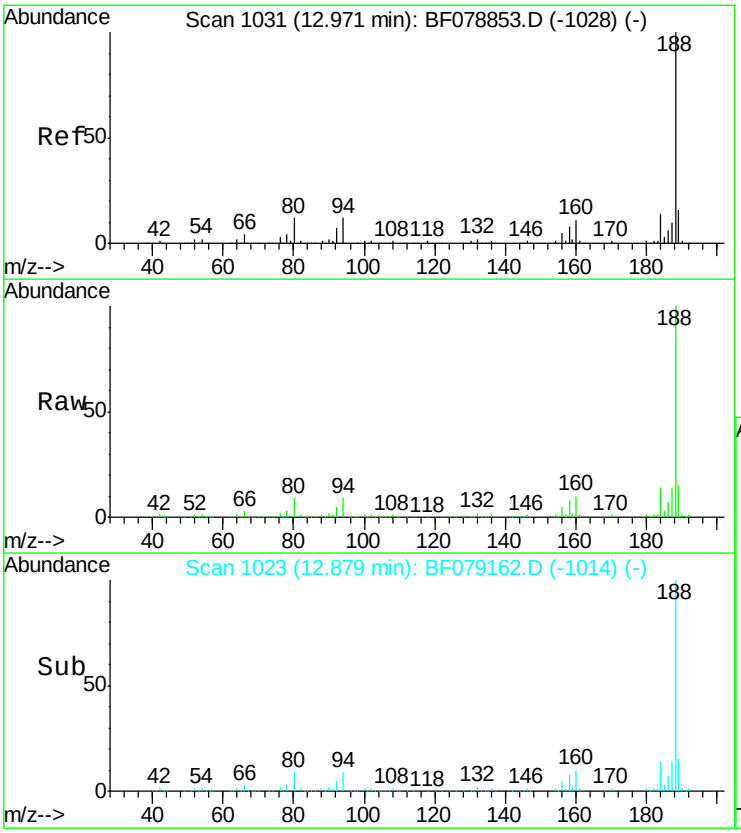
#49
Dimethylphthalate
Concen: 2.92 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion:163 Resp: 30262

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.9	8.1	12.1

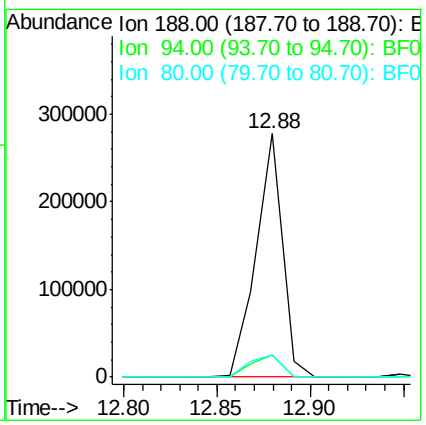


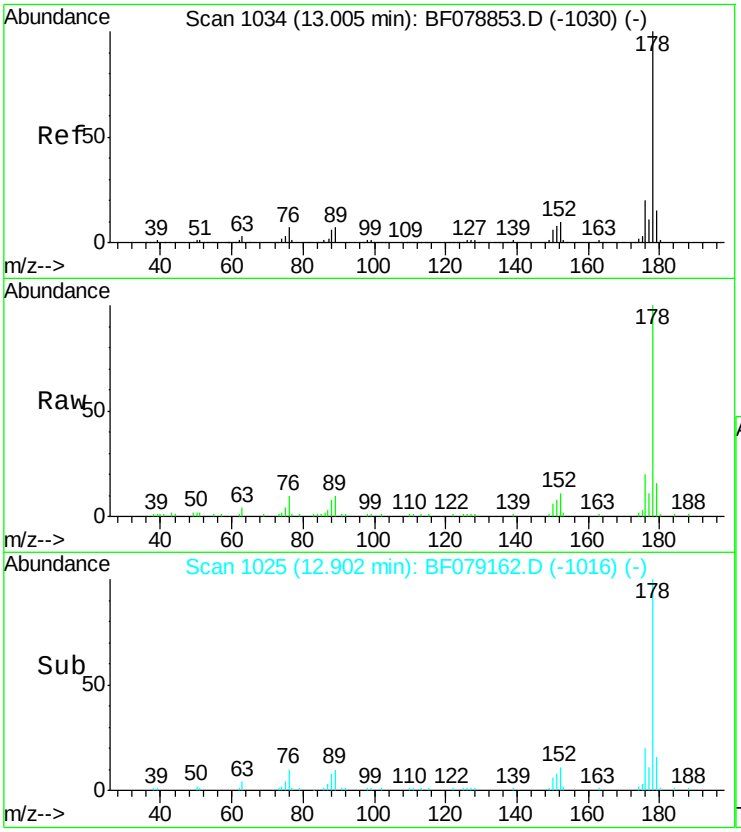


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:188 Resp: 271037

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.3	8.9	13.3



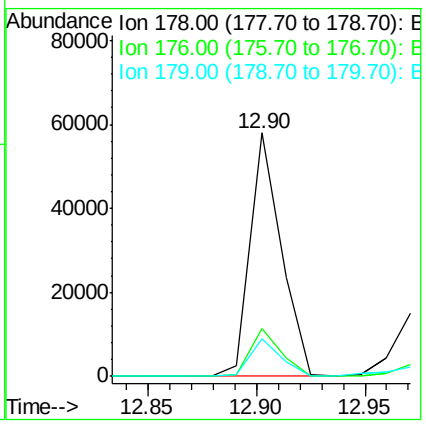


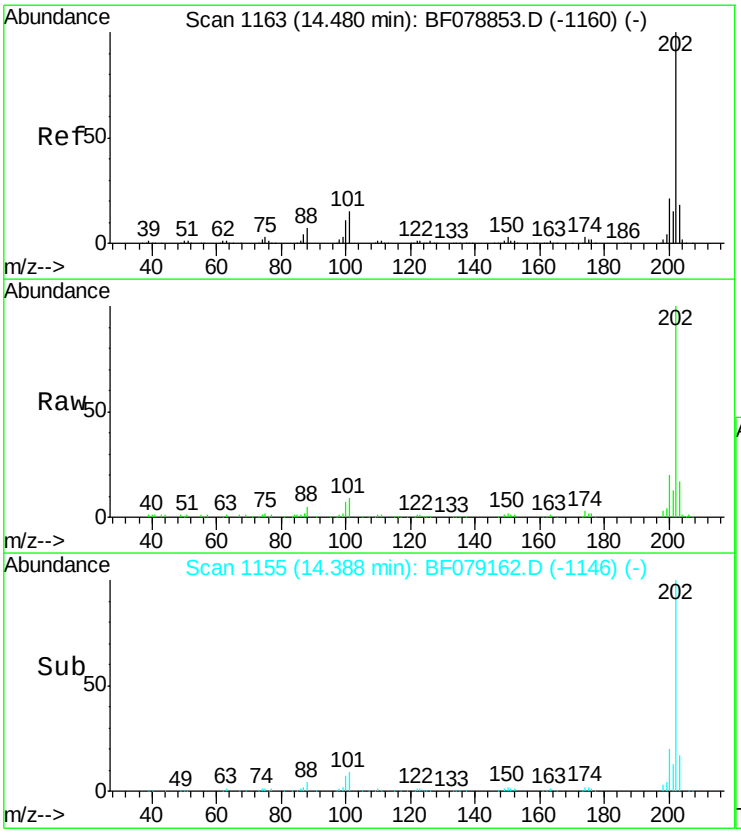
#70
Phenanthrene
Concen: 3.82 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion:178 Resp: 57921

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	12.5	18.7

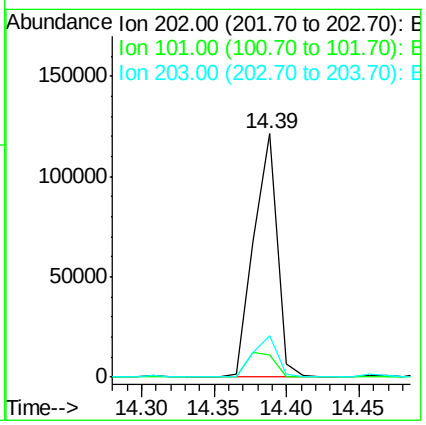


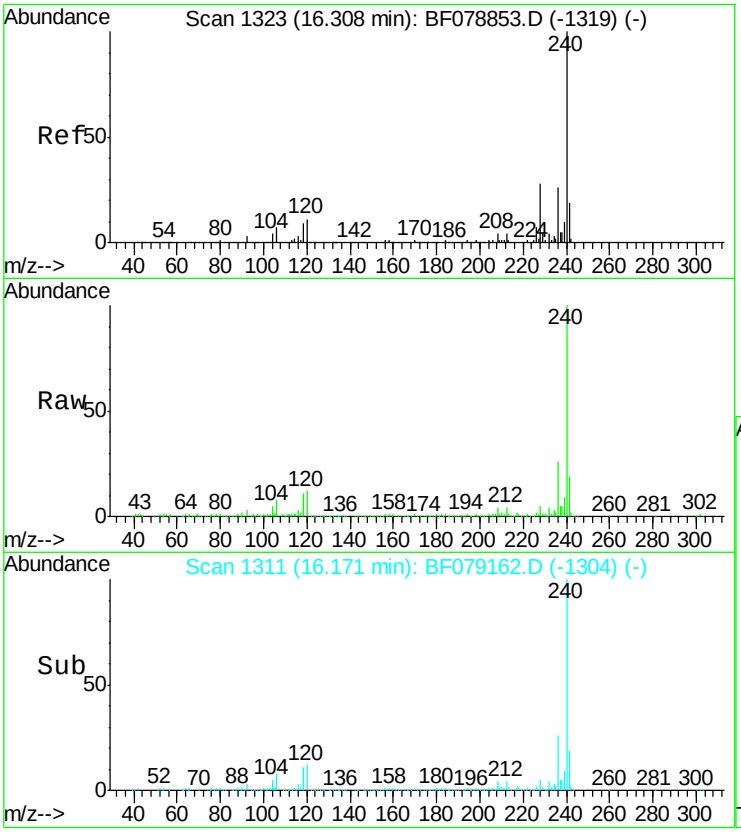


#74
Fluoranthene
Concen: 8.63 ng
RT: 14.39 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:202 Resp: 136343

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	34.6
203	16.8	0.0	38.4



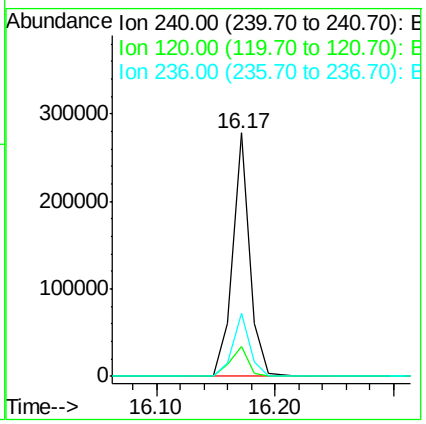


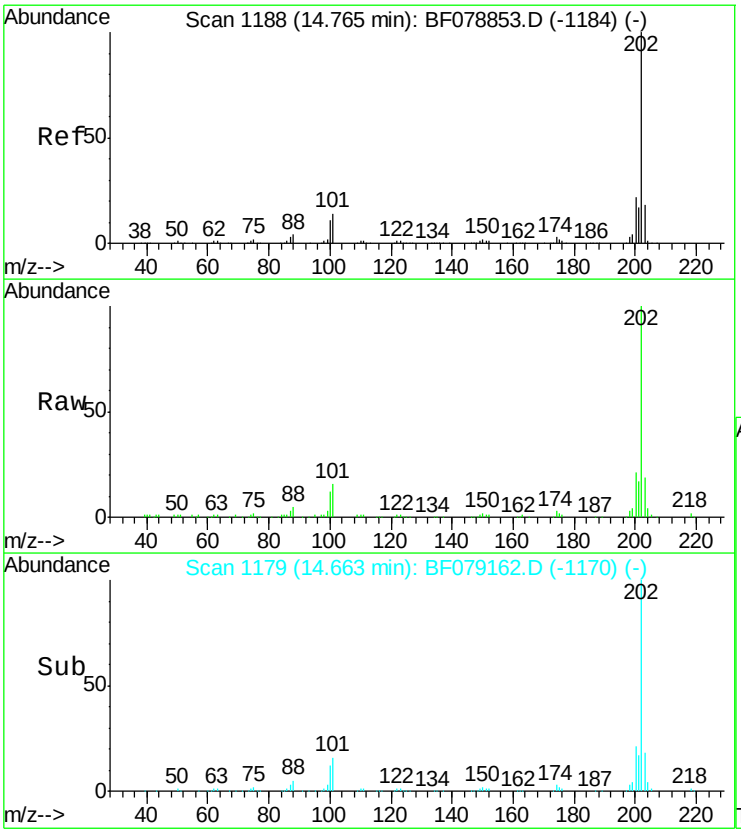
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion:240 Resp: 280169

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.7	14.5
236	26.0	20.2	30.4

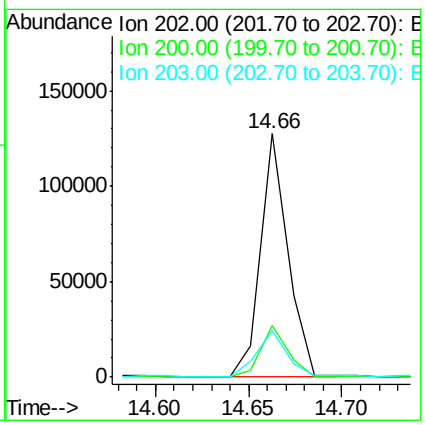


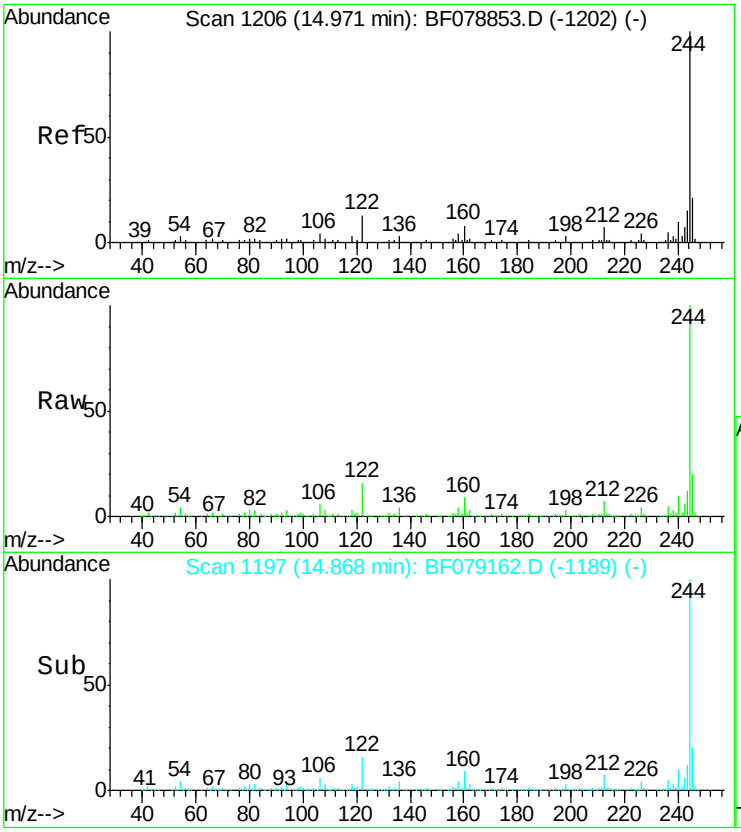


#77
Pyrene
Concen: 8.04 ng
RT: 14.66 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:202 Resp: 129770

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	19.1	13.9	20.9



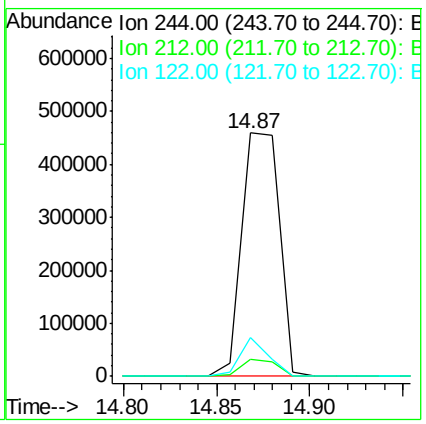


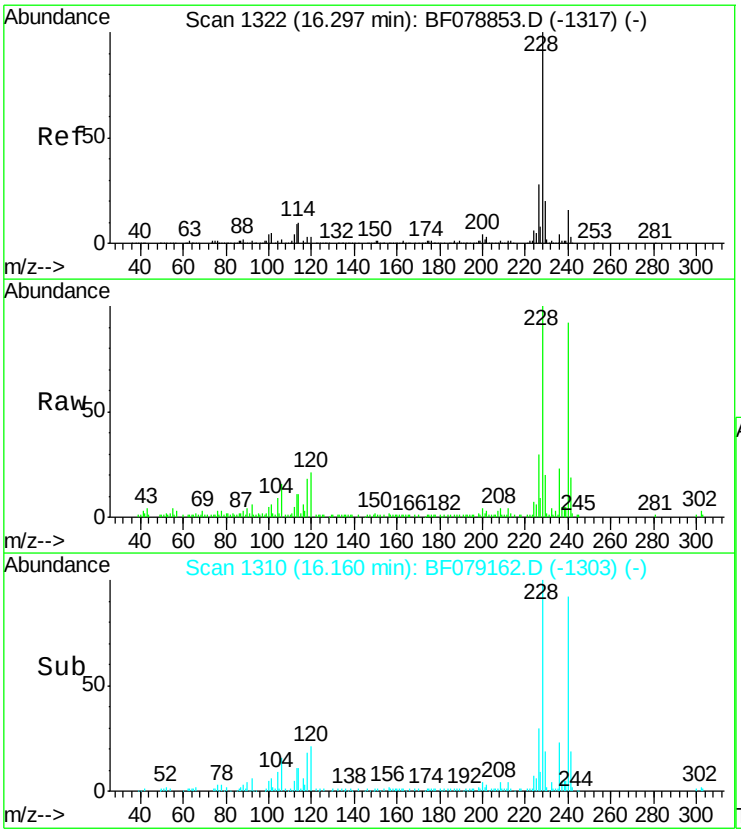
#78
Terphenyl-d14
Concen: 55.65 ng
RT: 14.87 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion:244 Resp: 651225

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	16.0	10.3	15.5#

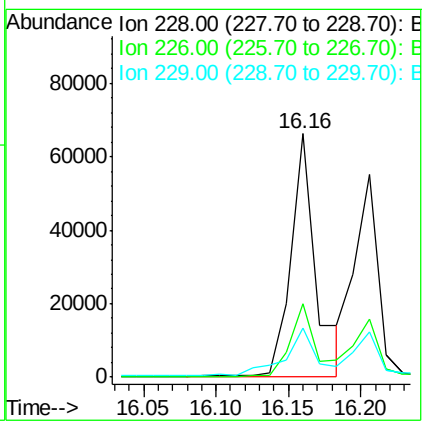


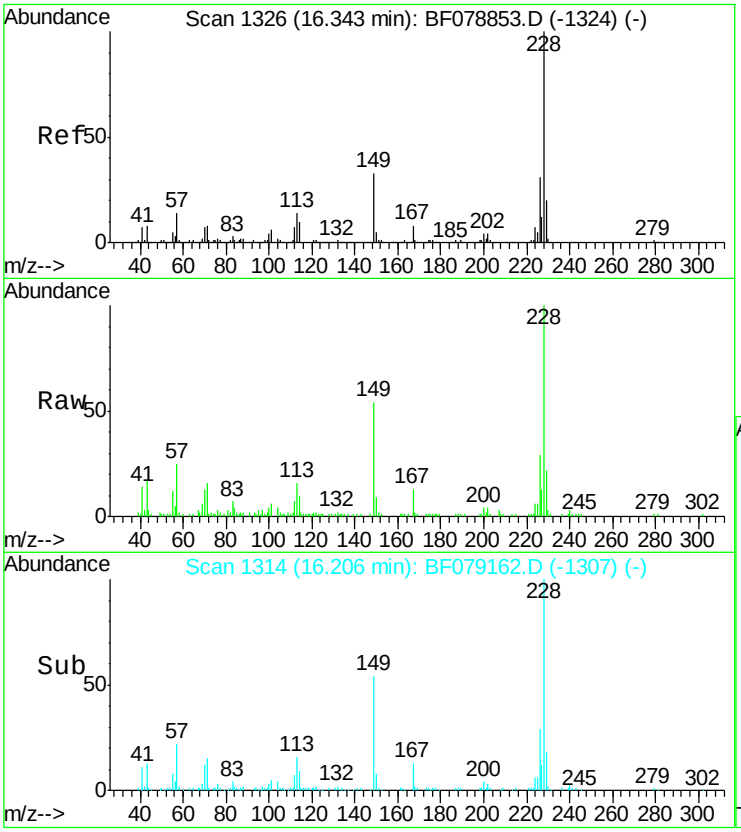


#80
Benzo(a)anthracene
Concen: 5.25 ng
RT: 16.16 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:228 Resp: 80602

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	20.0	15.9	23.9



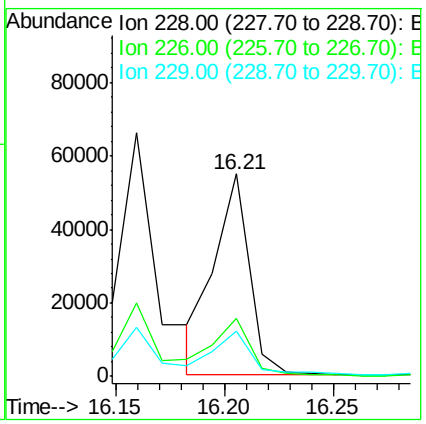


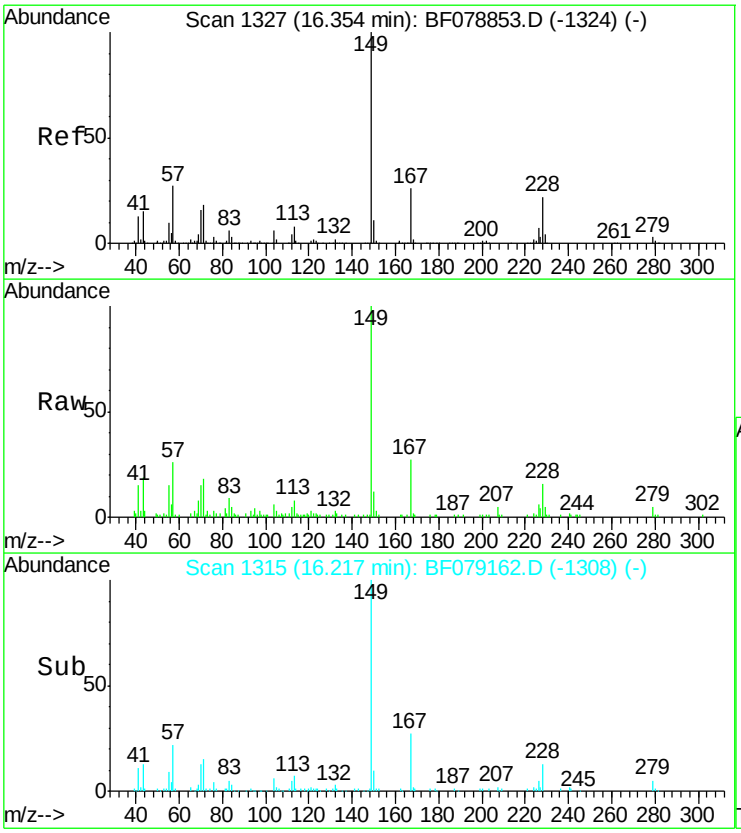
#82
Chrysene
Concen: 4.11 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion:228 Resp: 60630

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	22.2	16.0	24.0

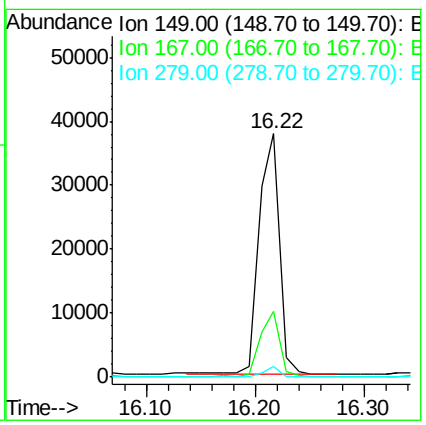


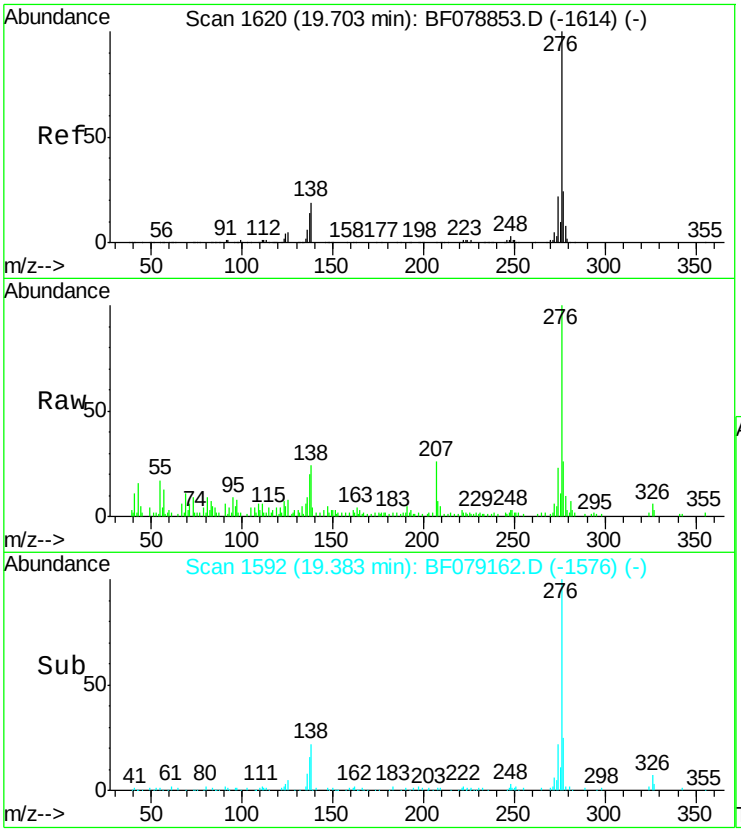


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.59 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:149 Resp: 49074

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	4.5	2.9	4.3#



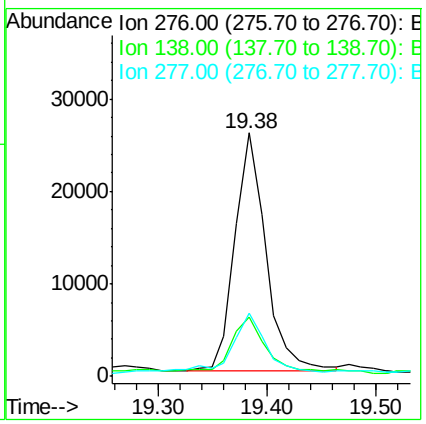


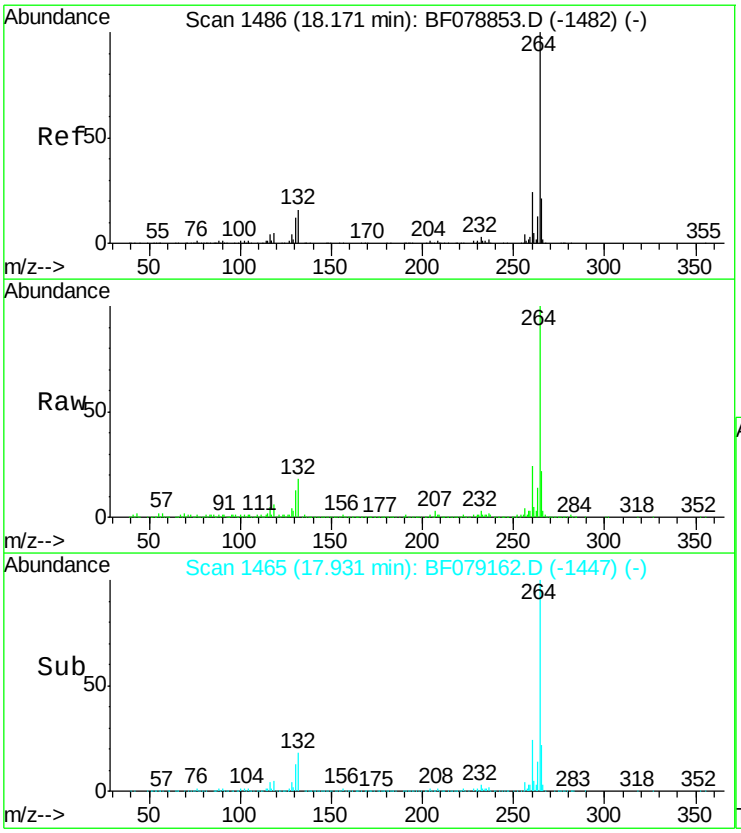
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.67 ng
RT: 19.38 min Scan# 1592
Delta R.T. -0.11 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion:276 Resp: 50287

Ion	Ratio	Lower	Upper
276	100		
138	24.4	0.0	0.0#
277	29.6	0.0	0.0#

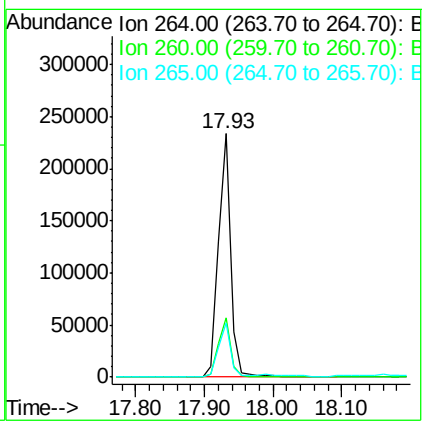


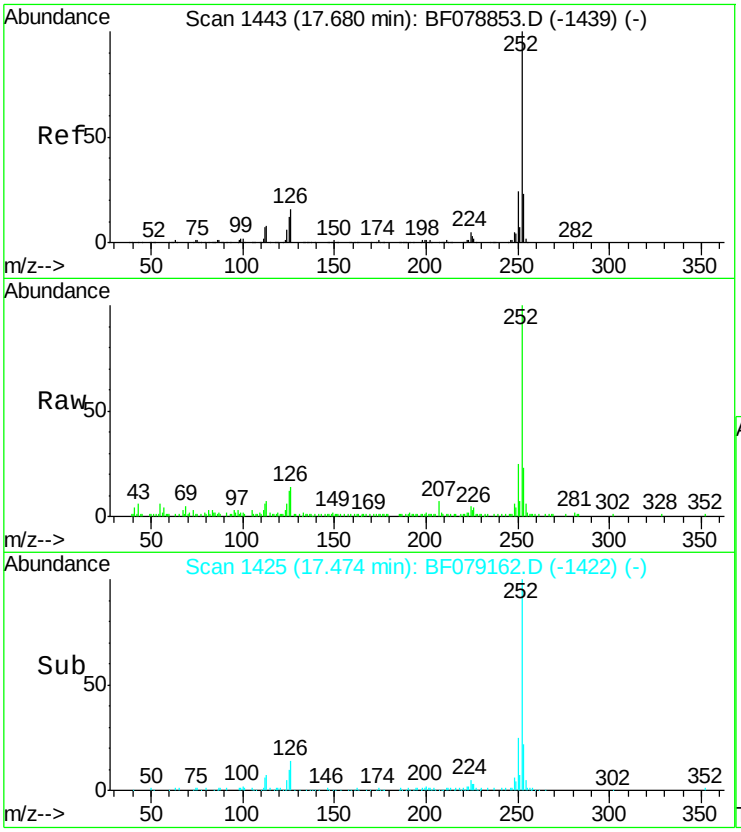


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.93 min Scan# 1465
Delta R.T. -0.09 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:264 Resp: 298682

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.1	18.3	27.5



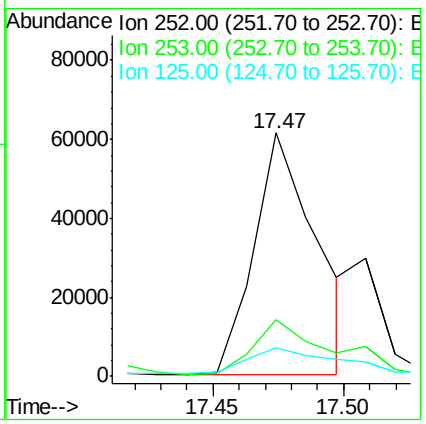


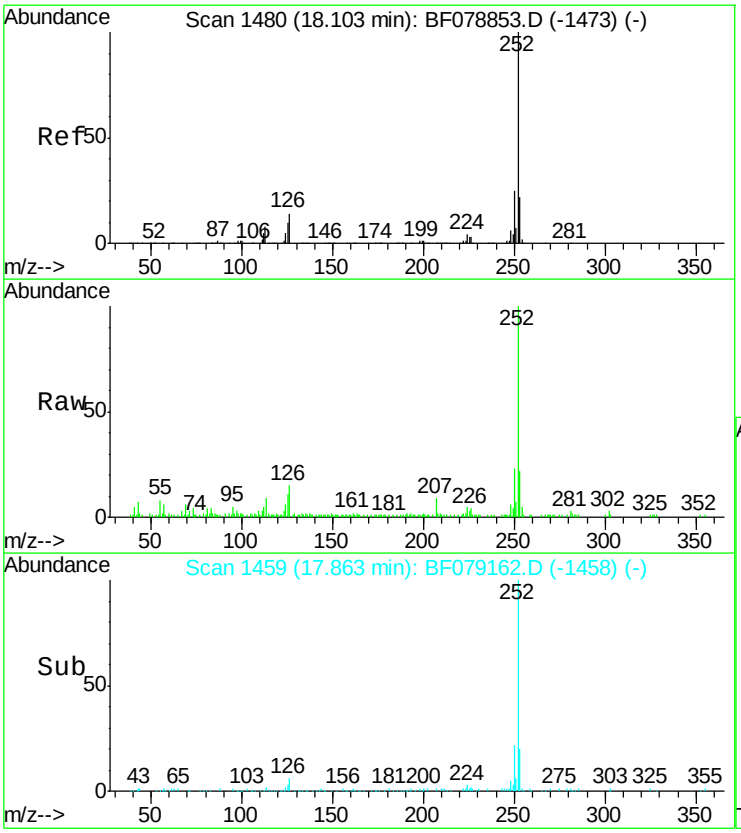
#87
Benzo(b)fluoranthene
Concen: 6.27 ng
RT: 17.47 min Scan# 1425
Delta R.T. -0.07 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion:252 Resp: 102524

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	11.5	9.5	14.3

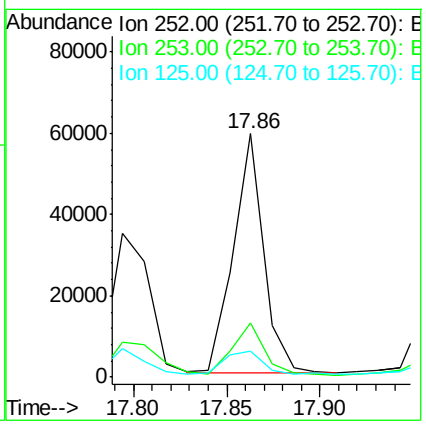


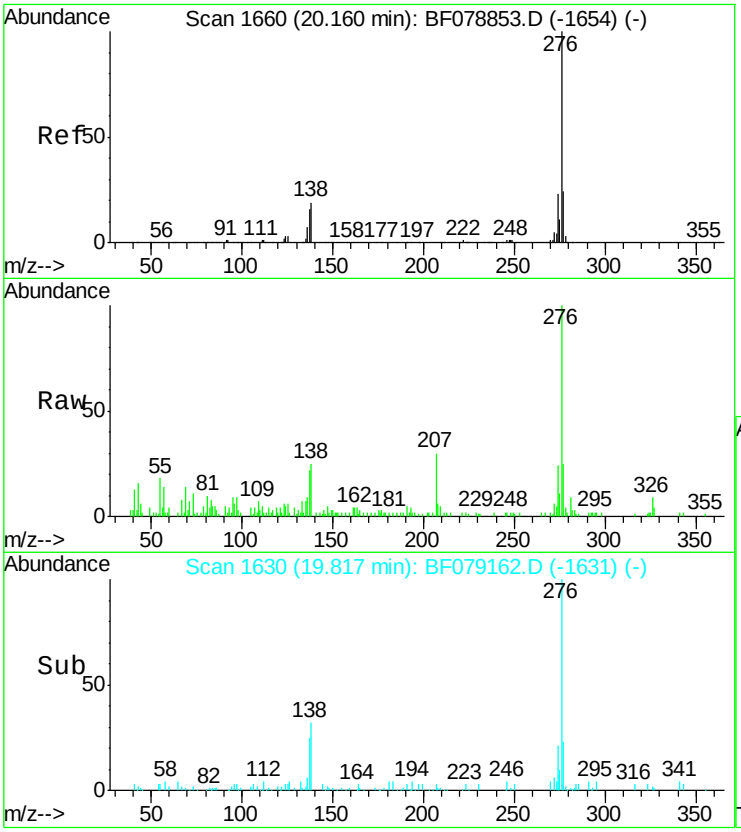


#89
Benzo(a)pyrene
Concen: 4.40 ng
RT: 17.86 min Scan# 1459
Delta R.T. -0.09 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Tgt Ion:252 Resp: 66183

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	10.8	7.0	10.6#





#91
Benzo(g,h,i)perylene
Concen: 3.14 ng
RT: 19.82 min Scan# 1630
Delta R.T. -0.11 min
Lab File: BF079162.D
Acq: 12 May 2015 17:21

Instrument :
BNA_F
ClientSampleId :
SB-42S

Tgt Ion:276 Resp: 50377

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	25.2	17.4	26.0