Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

Quant Time: May 19 11:18:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 01:26:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	47381	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	195474	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	95386	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	185335	20.00	ng		0.00
75) Chrysene-d12	16.03	240	196976	20.00	ng		-0.02
86) Perylene-d12	17.74	264	200007	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	132607m	48.18	ng		0.00
7) Phenol-d6	6.73	99	178052	48.94	ng		-0.01
23) Nitrobenzene-d5	7.86	82	100243	29.47	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	38489	37.30	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	225268	32.90	ng		0.00
78) Terphenyl-d14	14.74	244	262154	31.86	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	10.59	163	14408	2.06	ng		98
70) Phenanthrene	12.78	178	24649	2.38	ng		100
74) Fluoranthene	14.26	202	68767	6.36	ng		92
77) Pyrene	14.54	202	70864	6.24	ng		99
80) Benzo(a)anthracene	16.02	228	38035m	3.53	ng		
82) Chrysene	16.07	228	32841	3.17	ng		95
83) Bis(2-ethylhexyl)phthalate	16.08	149	22394	2.98	ng		99
87) Benzo(b)fluoranthene	17.30	252	49061m	4.48	ng		
89) Benzo(a)pyrene	17.68	252	32677	3.24	ng	#	86
91) Benzo(g,h,i)perylene	19.54	276	24049	2.24	ng	#	85

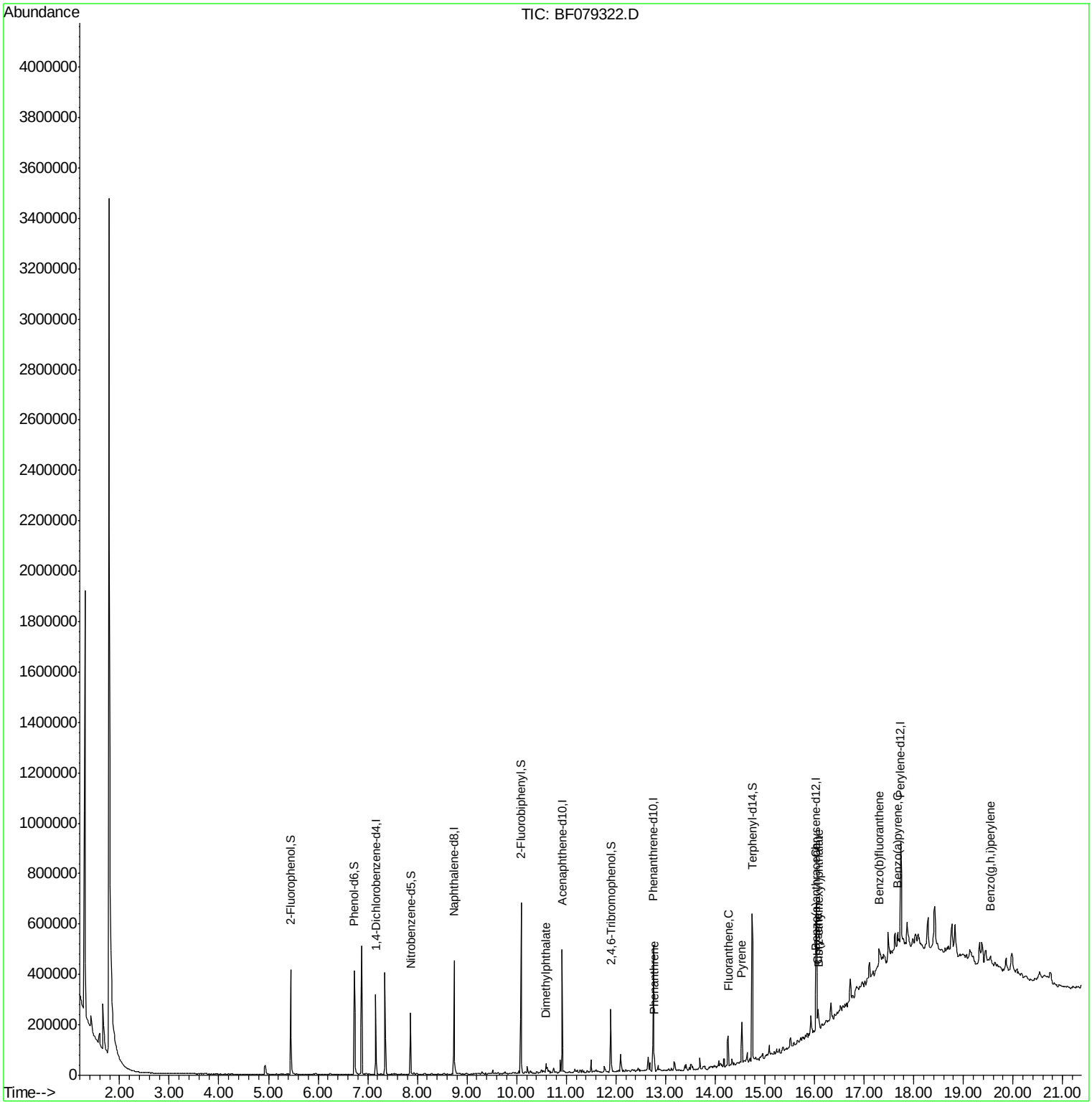
(#) = qualifier out of range (m) = manual integration (+) = signals summed

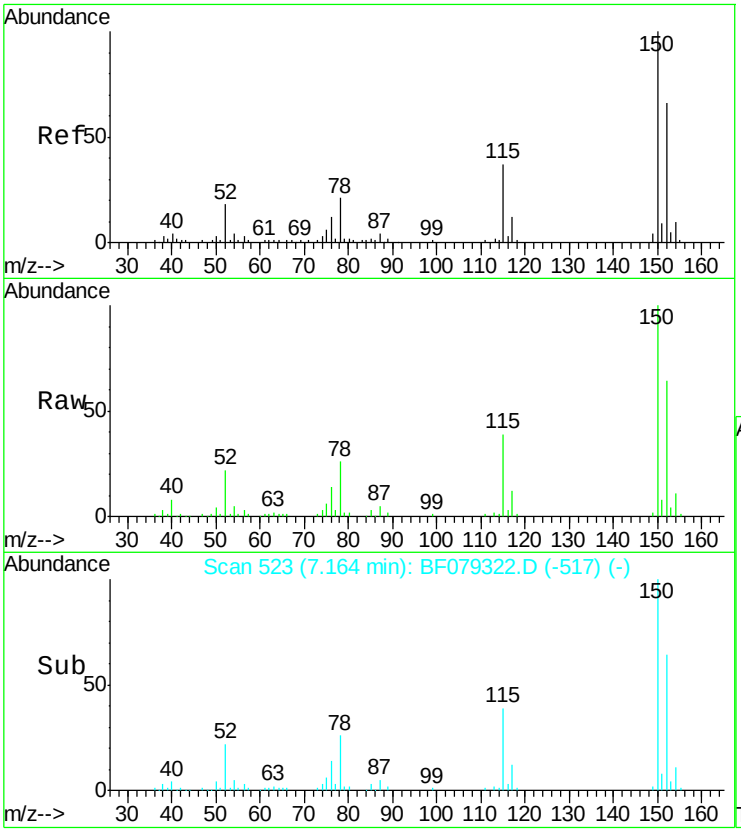
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

Quant Time: May 19 11:18:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 01:26:54 2015
Response via : Initial Calibration



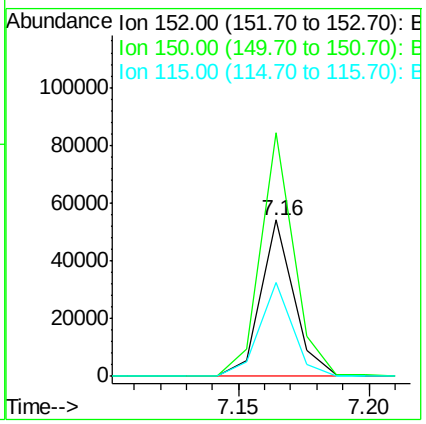


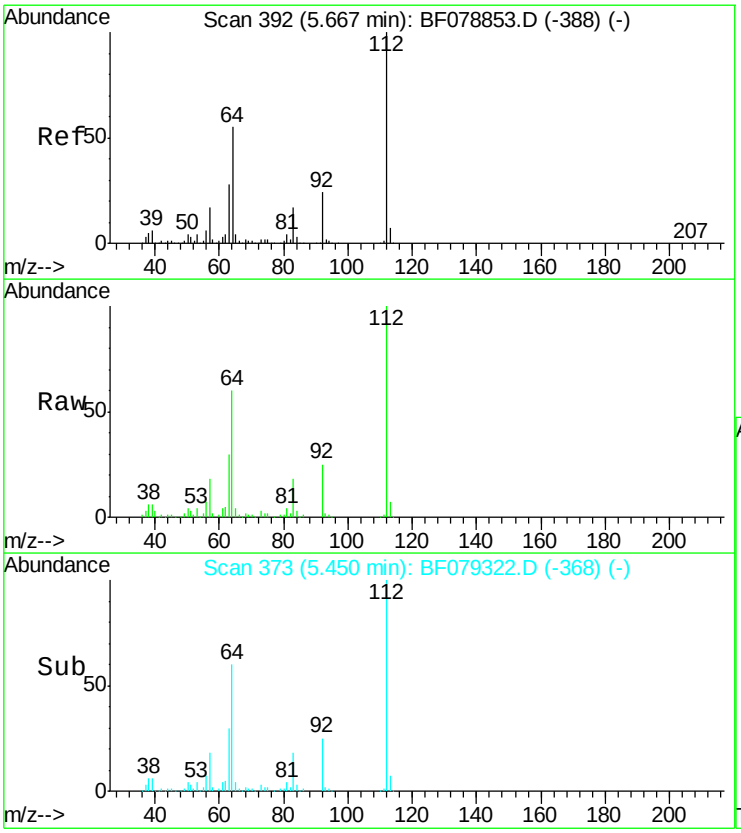
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:152 Resp: 47381

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.8	185.8
115	60.4	49.4	74.0

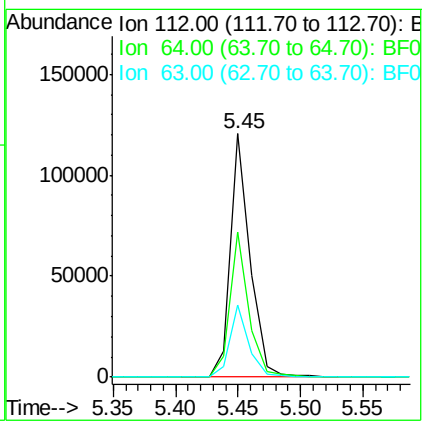


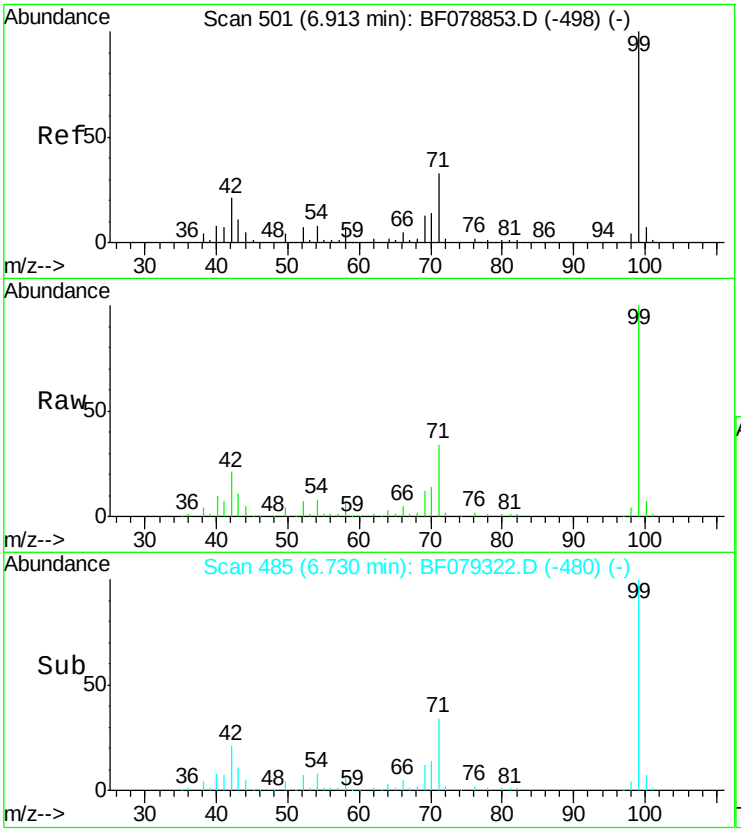


#5
2-Fluorophenol
Concen: 48.18 ng m
RT: 5.45 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:112 Resp: 132607

Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.2	66.2
63	29.8	22.7	34.1



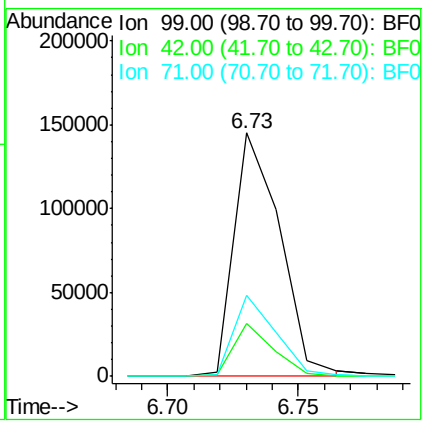


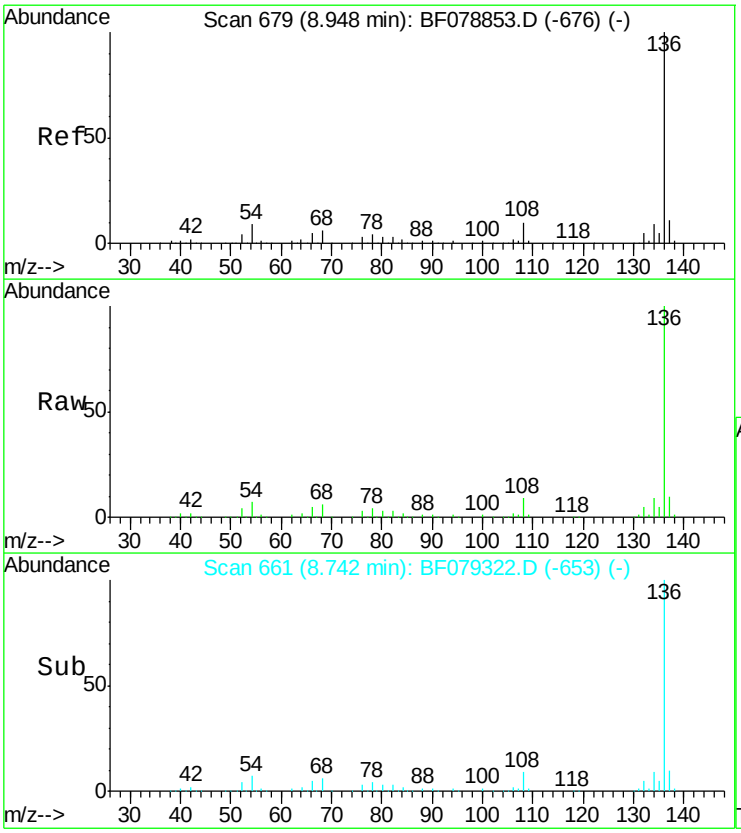
#7
Phenol-d6
Concen: 48.94 ng
RT: 6.73 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion: 99 Resp: 178052

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.1	25.7
71	33.5	26.3	39.5

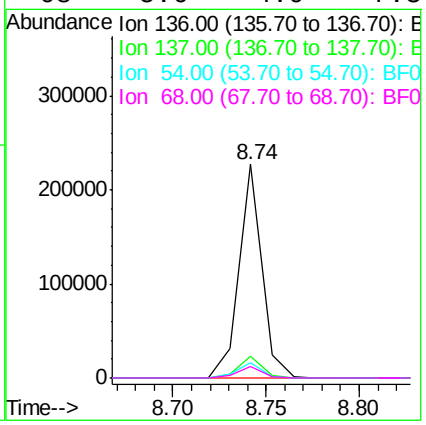


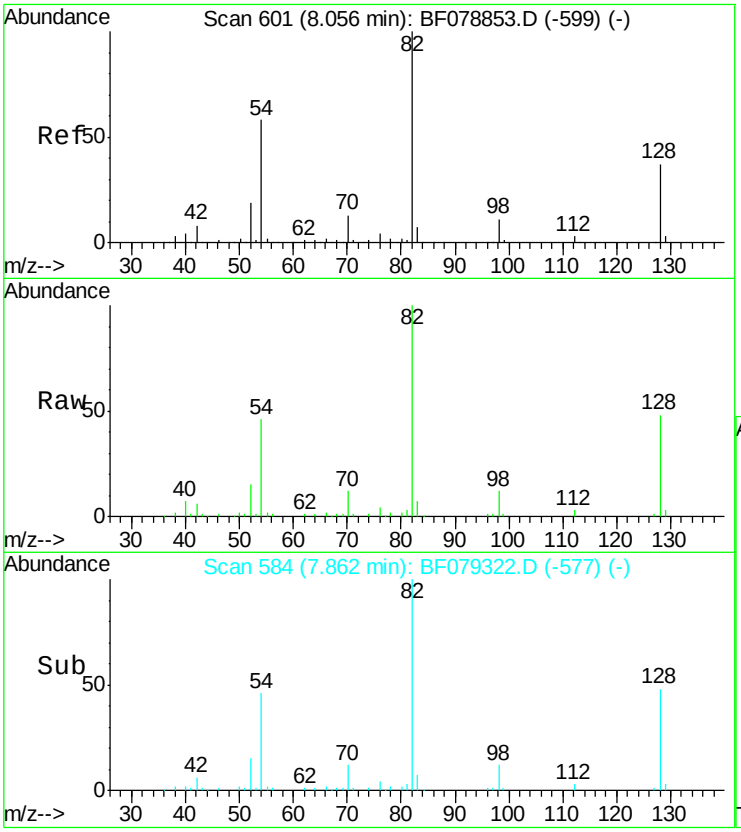


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:136 Resp: 195474

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.2	6.9	10.3
68	5.6	4.9	7.3



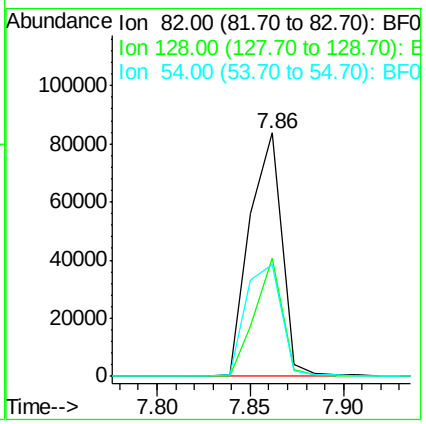


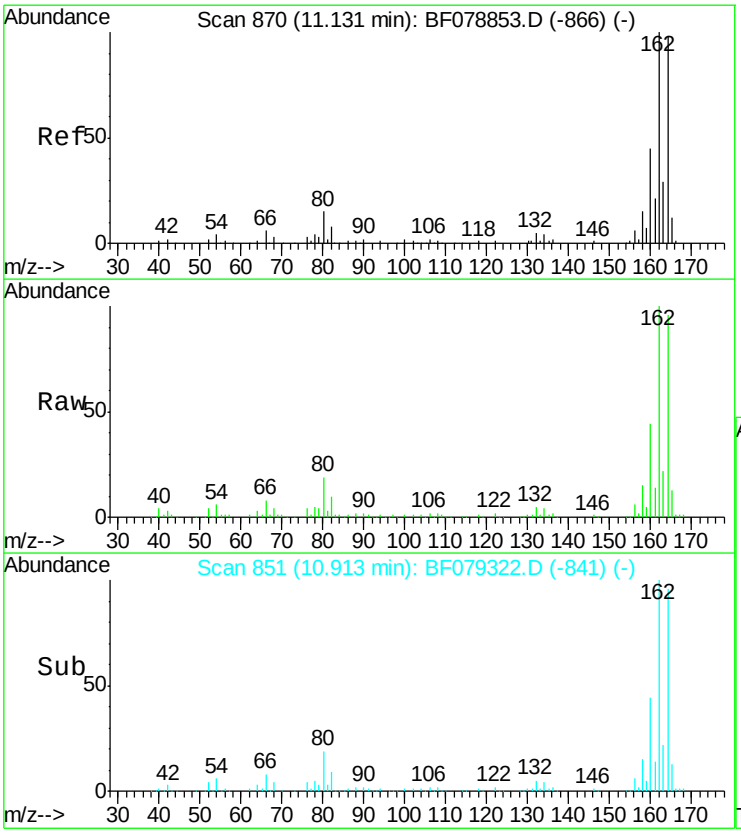
#23
Nitrobenzene-d5
Concen: 29.47 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion: 82 Resp: 100243

Ion	Ratio	Lower	Upper
82	100		
128	48.5	29.7	44.5#
54	46.1	46.2	69.4#

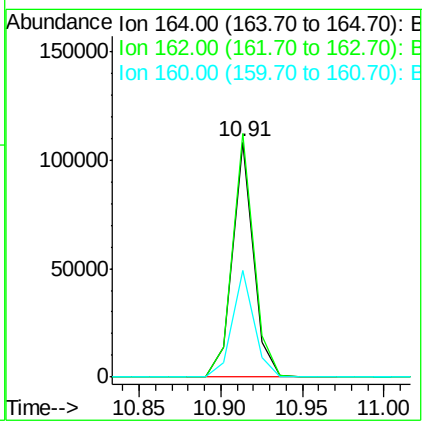


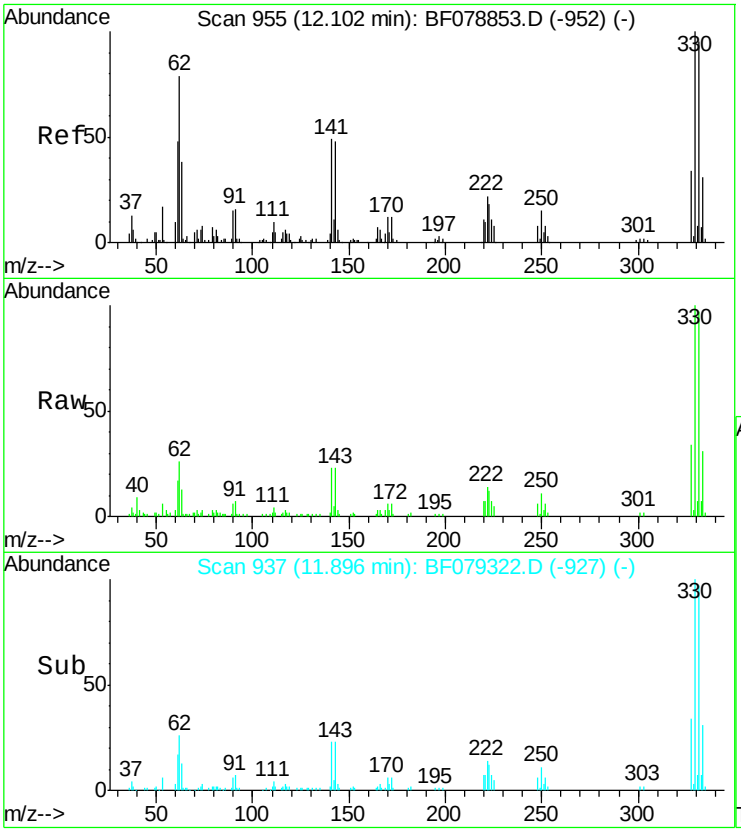


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:164 Resp: 95386

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.4	122.0
160	45.7	36.6	54.8



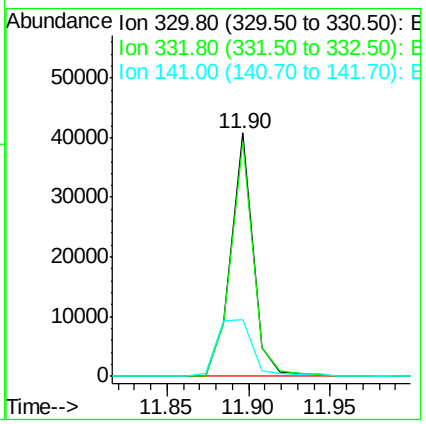


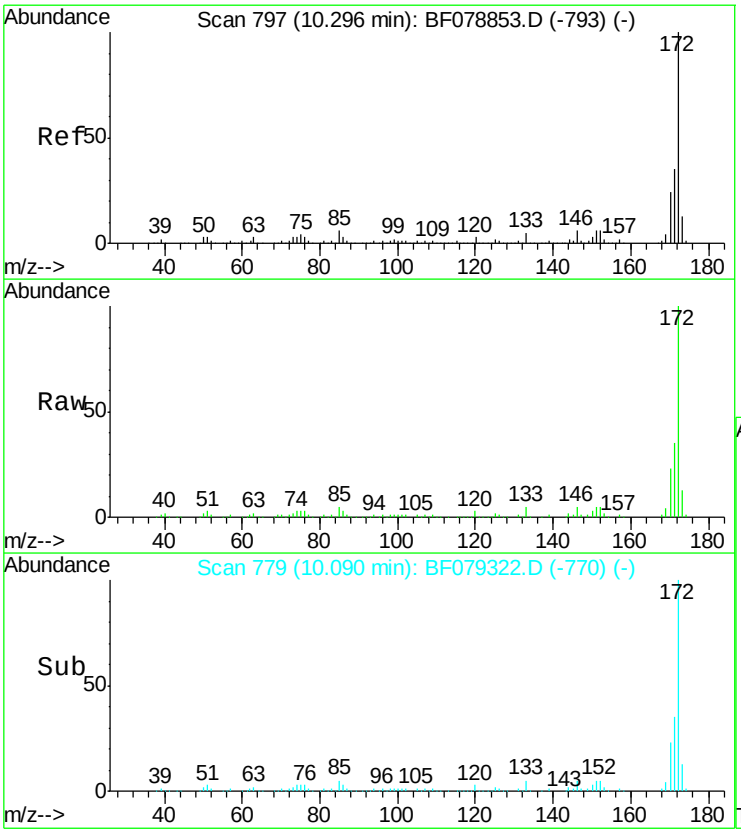
#41
2,4,6-Tribromophenol
Concen: 37.30 ng
RT: 11.90 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:330 Resp: 38489

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	37.9	27.8	41.8

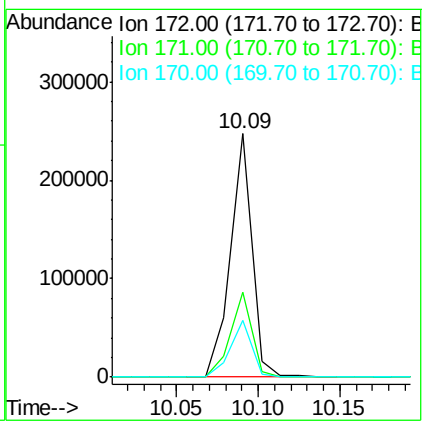


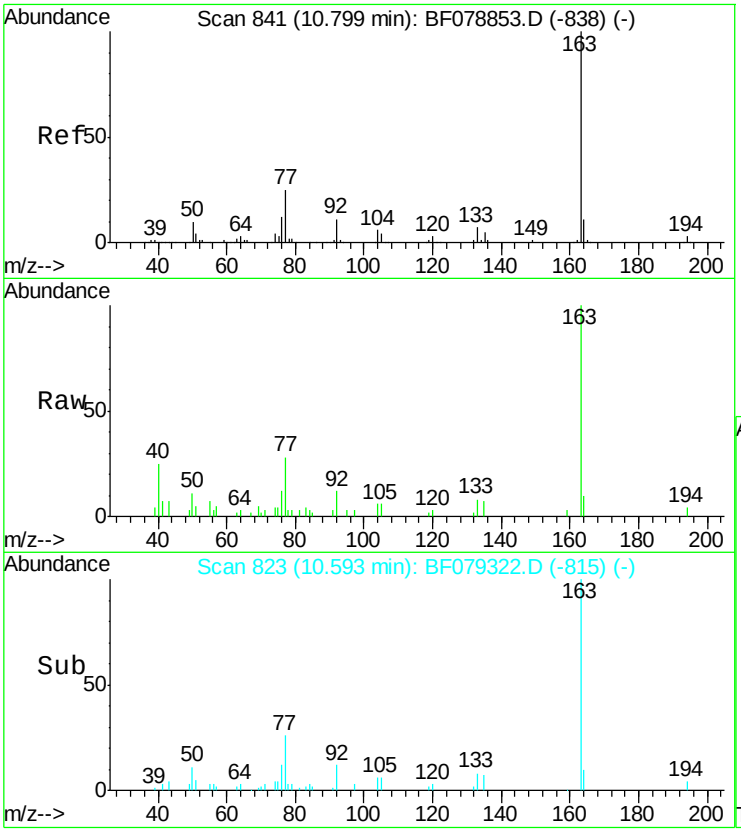


#44
2-Fluorobiphenyl
Concen: 32.90 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:172 Resp: 225268

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.5	19.4	29.2



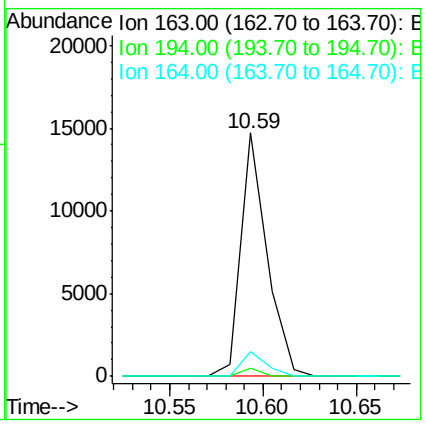


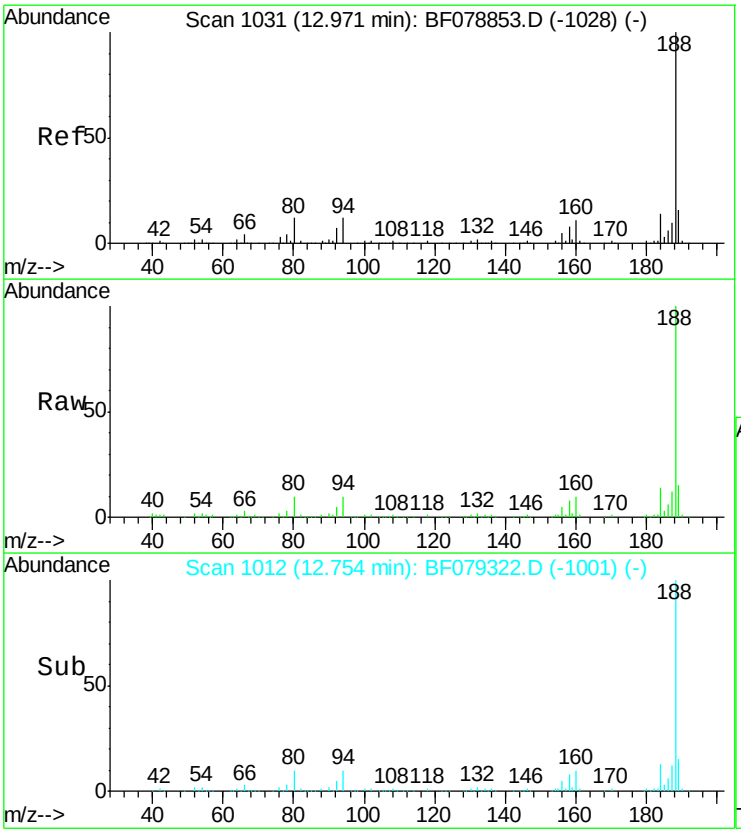
#49
Dimethylphthalate
Concen: 2.06 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:163 Resp: 14408

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.4	3.6
164	10.0	8.6	12.8

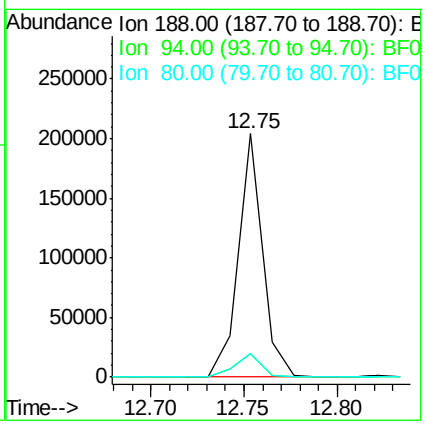


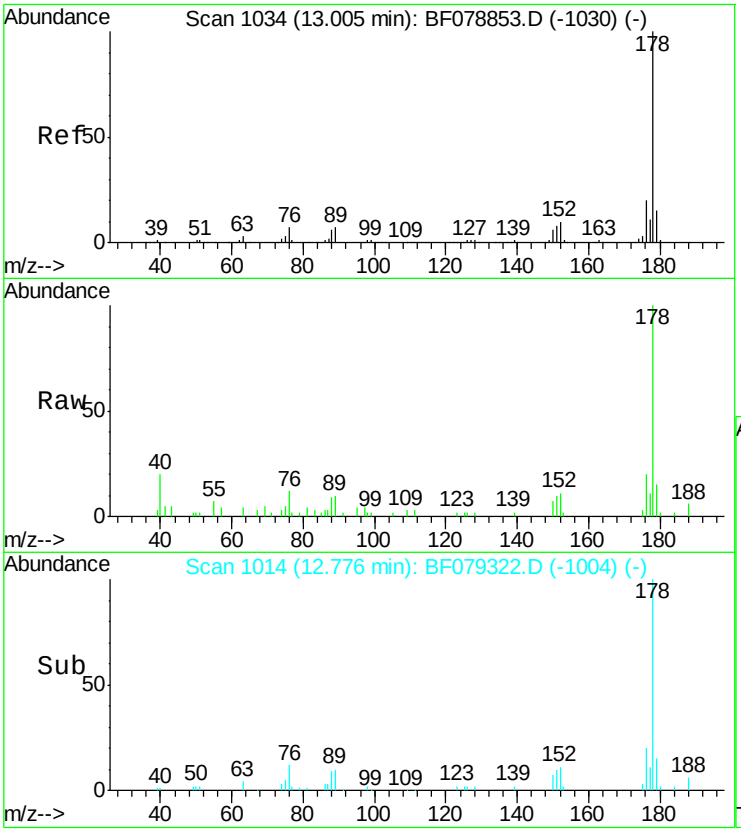


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:188 Resp: 185335

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



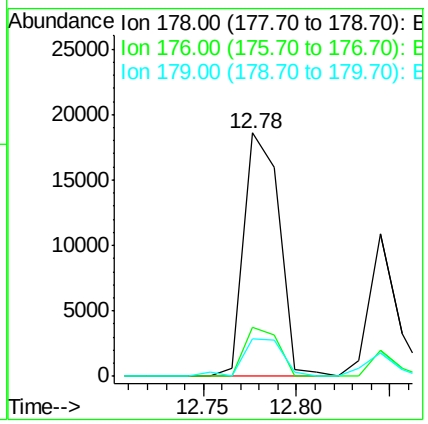


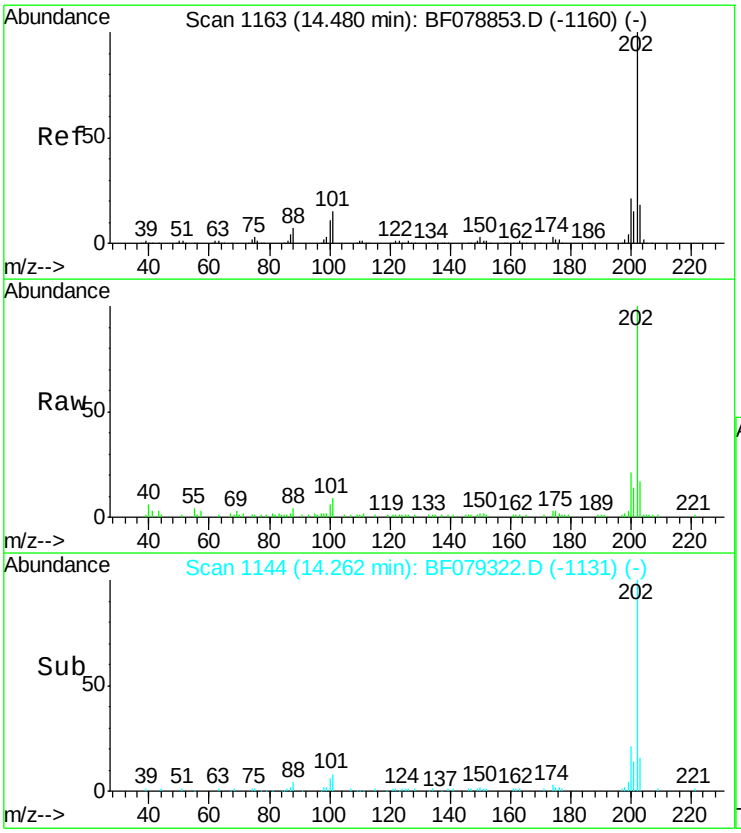
#70
Phenanthrene
Concen: 2.38 ng
RT: 12.78 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:178 Resp: 24649

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.3	12.2	18.4

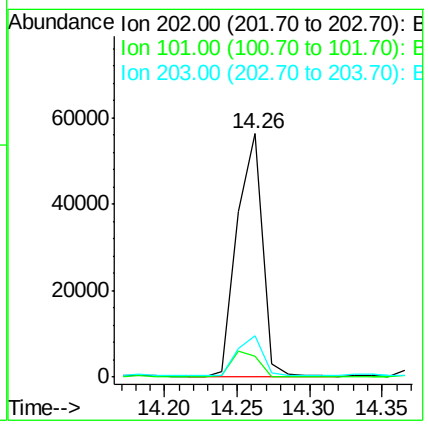


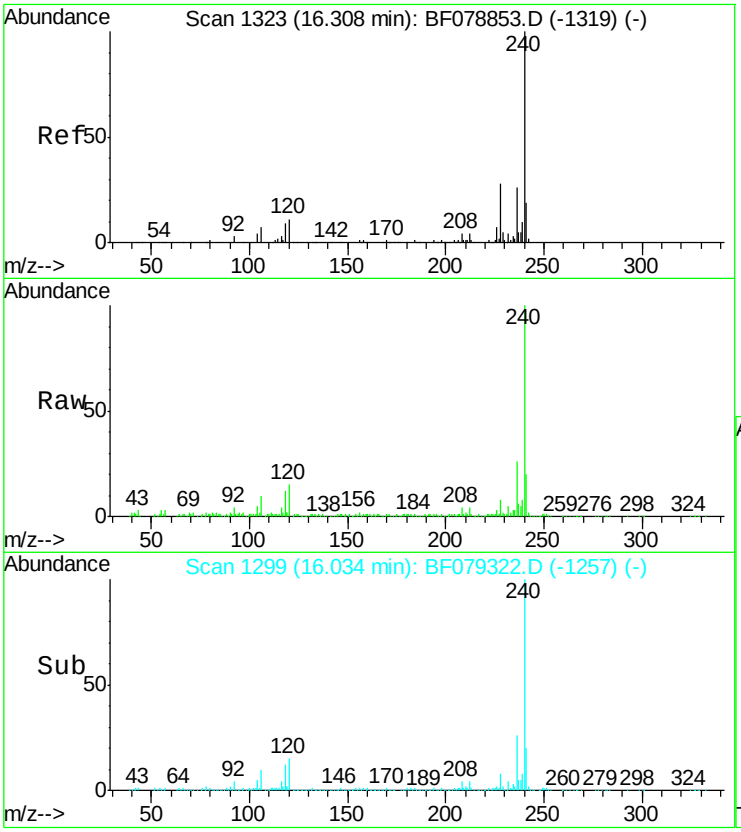


#74
Fluoranthene
Concen: 6.36 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:202 Resp: 68767

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	34.7
203	17.0	0.0	37.9



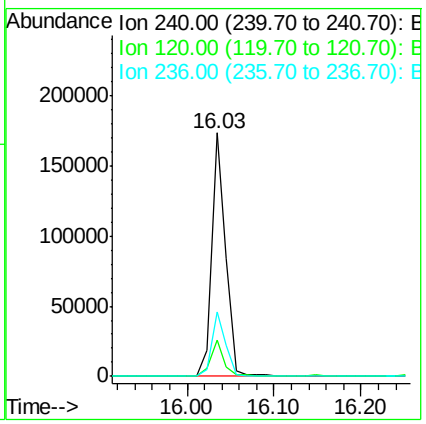


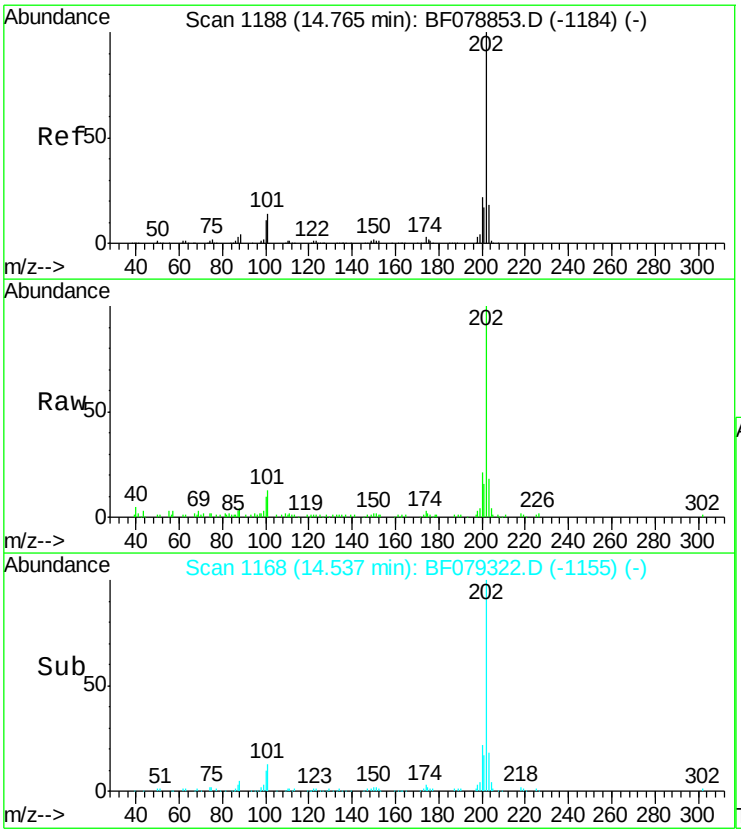
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:240 Resp: 196976

Ion	Ratio	Lower	Upper
240	100		
120	15.0	8.6	12.8#
236	26.3	21.0	31.6

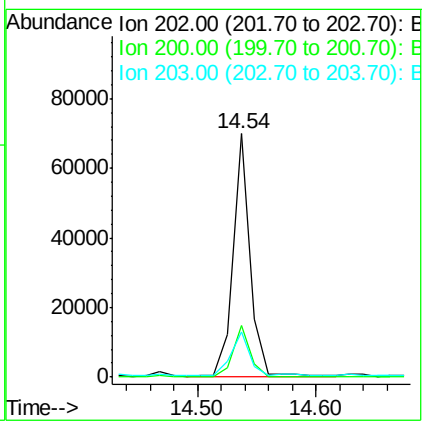


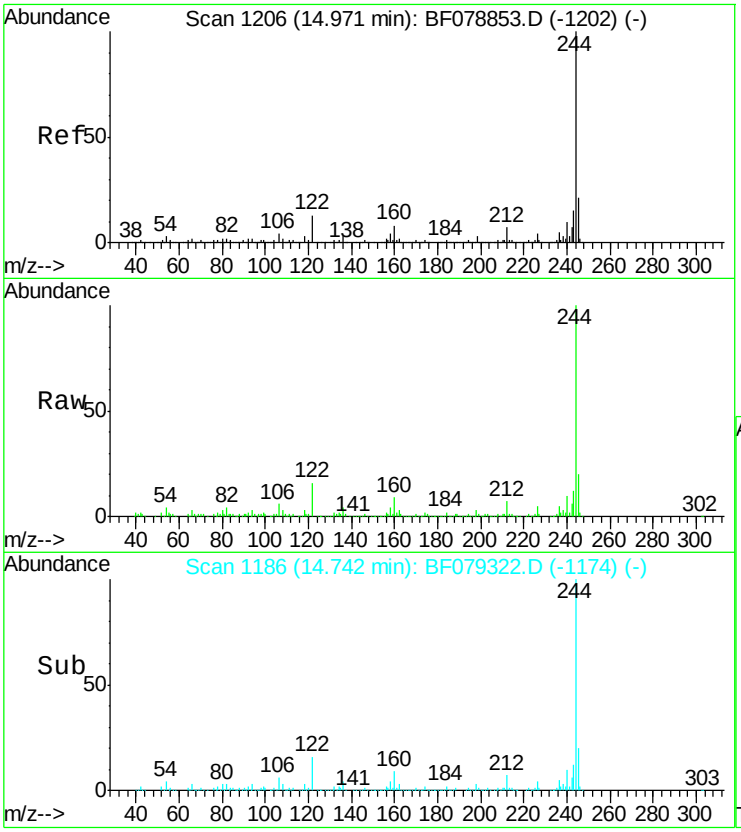


#77
Pyrene
Concen: 6.24 ng
RT: 14.54 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:202 Resp: 70864

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.5	26.3
203	18.4	14.7	22.1



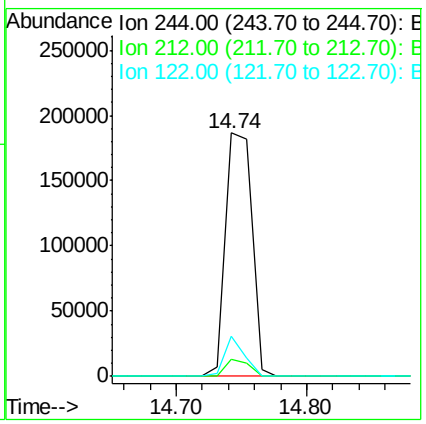


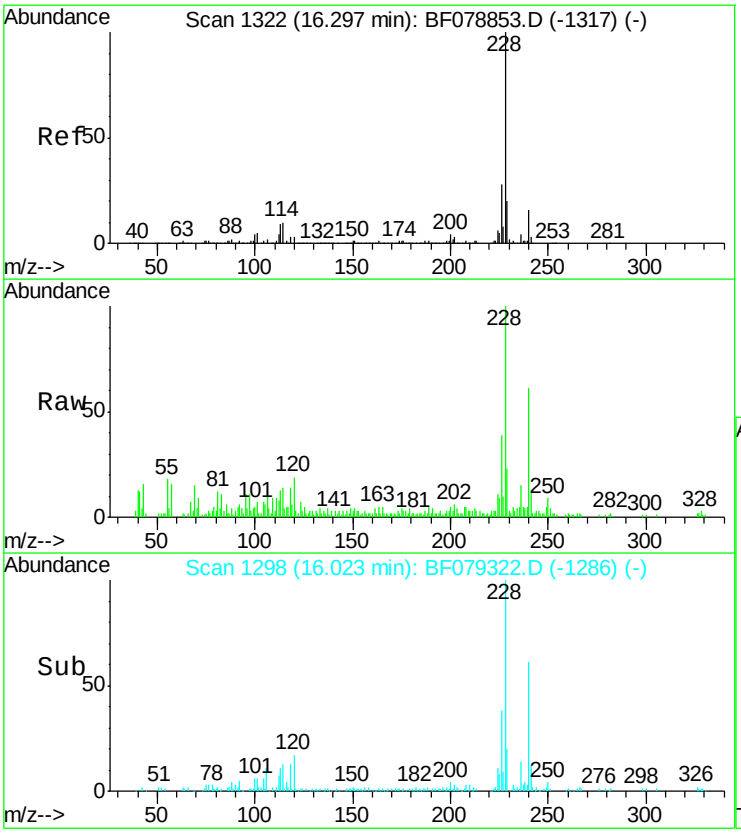
#78
Terphenyl-d14
Concen: 31.86 ng
RT: 14.74 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:244 Resp: 262154

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	16.2	10.5	15.7#

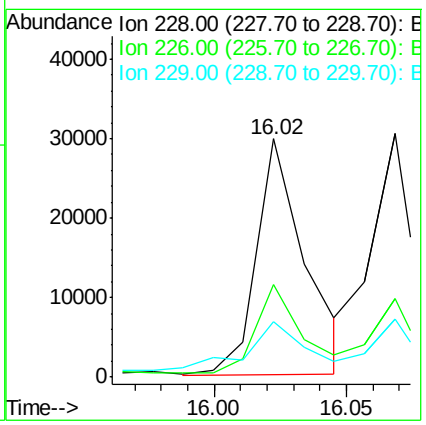


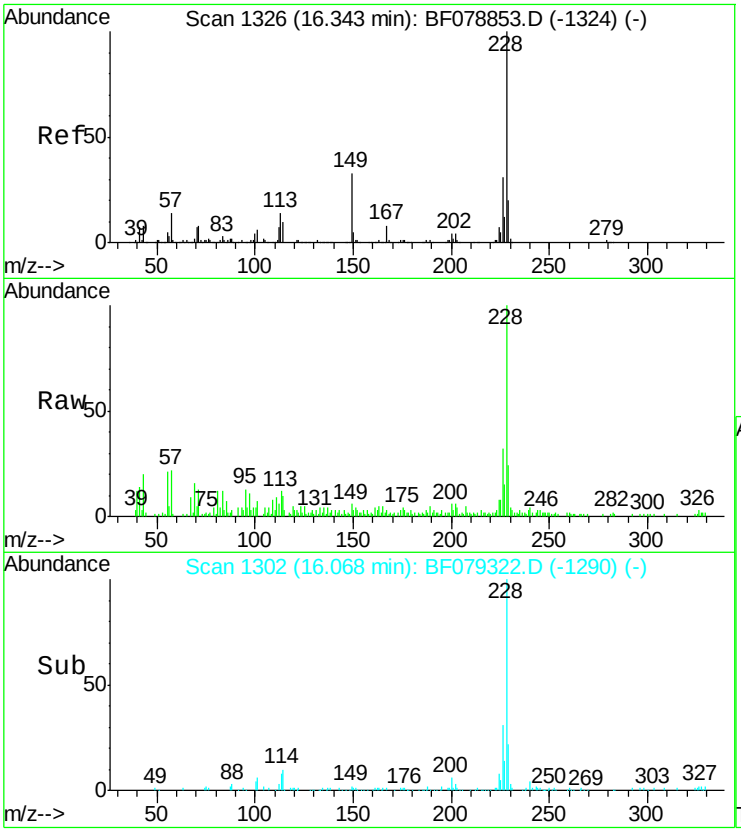


#80
Benzo(a)anthracene
Concen: 3.53 ng m
RT: 16.02 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:228 Resp: 38035

Ion	Ratio	Lower	Upper
228	100		
226	39.2	22.3	33.5#
229	23.1	16.1	24.1



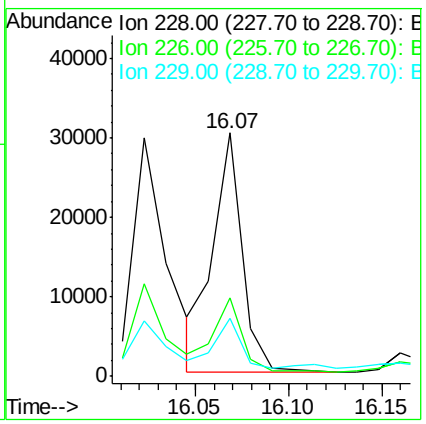


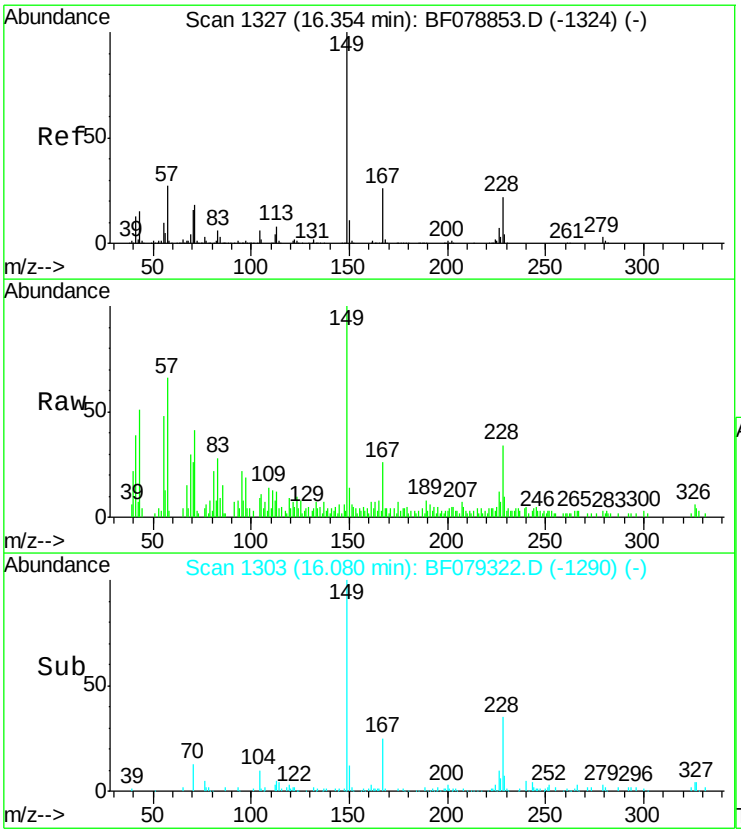
#82
Chrysene
Concen: 3.17 ng
RT: 16.07 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:228 Resp: 32841

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.8	37.2
229	24.0	16.1	24.1

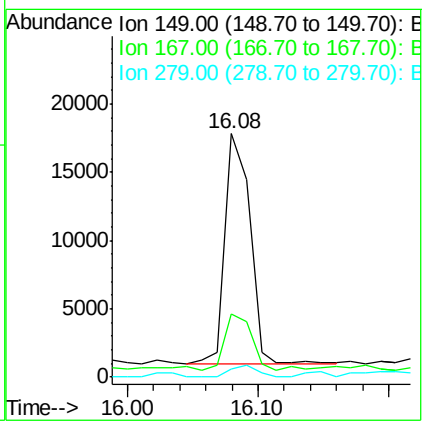


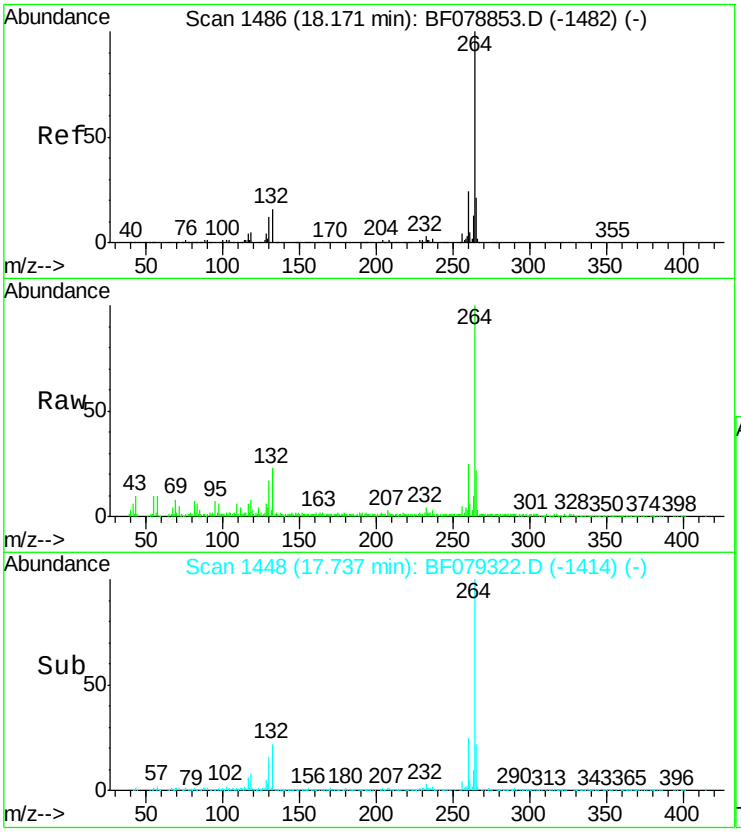


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.98 ng
RT: 16.08 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:149 Resp: 22394

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.2	31.8
279	3.2	2.6	4.0



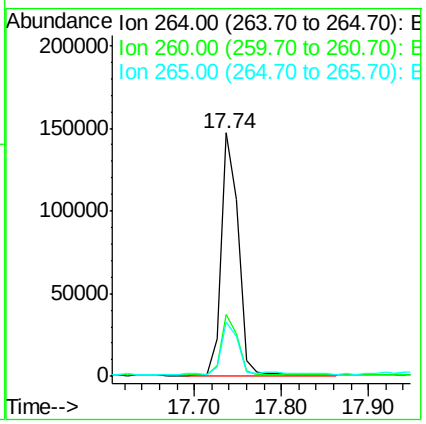


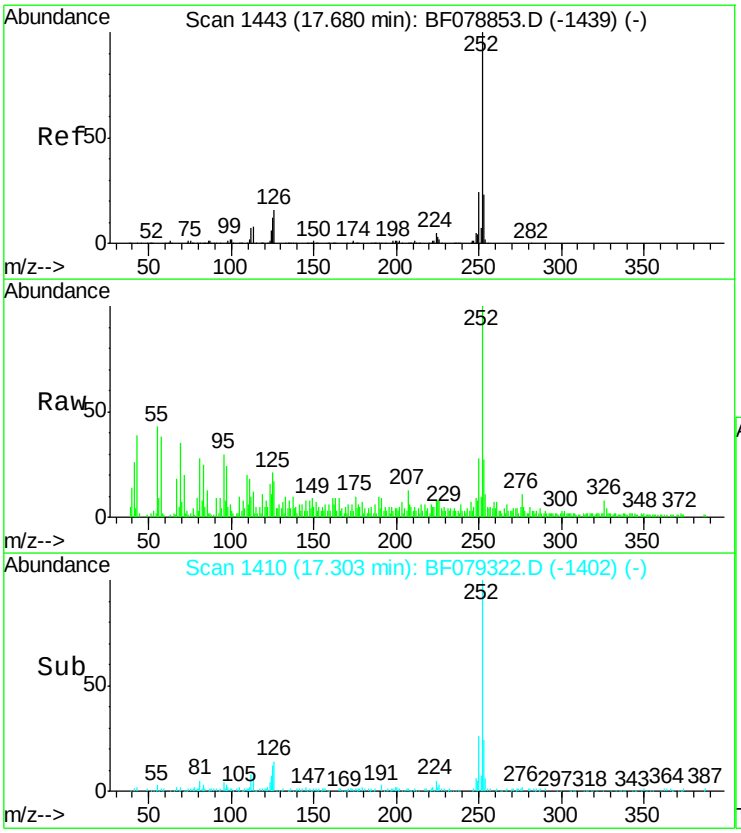
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.74 min Scan# 1448
Delta R.T. -0.11 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:264 Resp: 200007

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	22.2	17.2	25.8

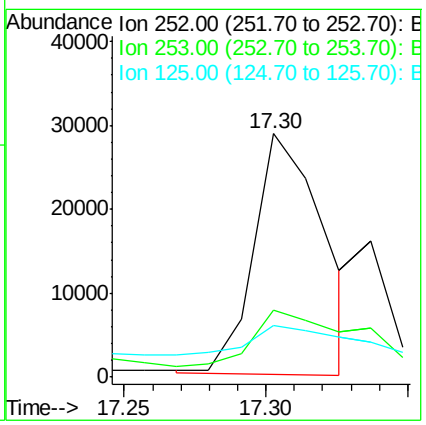


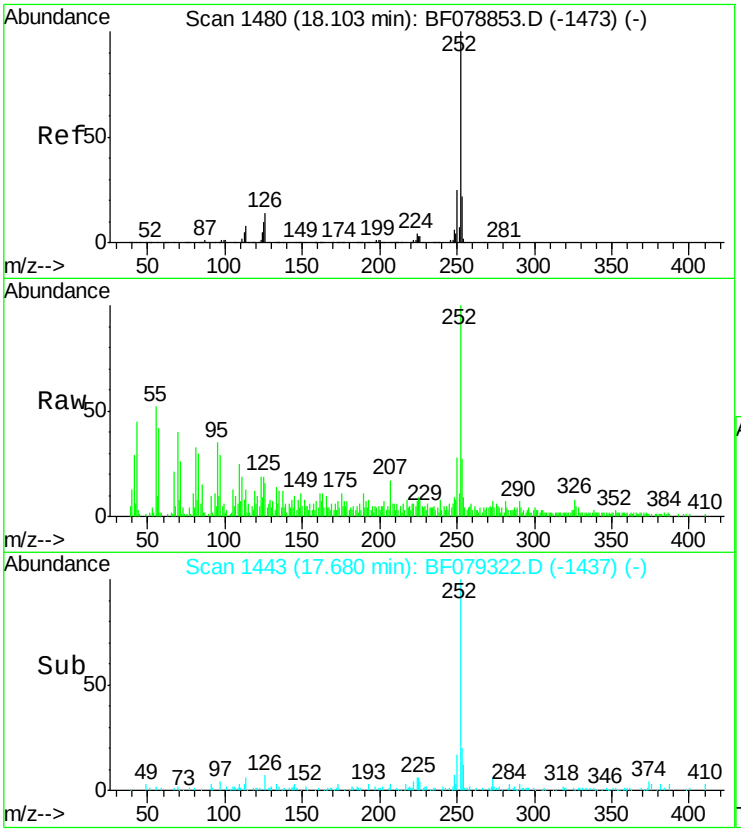


#87
Benzo(b)fluoranthene
Concen: 4.48 ng m
RT: 17.30 min Scan# 1410
Delta R.T. -0.09 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:252 Resp: 49061

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.1	27.1#
125	21.0	9.4	14.2#



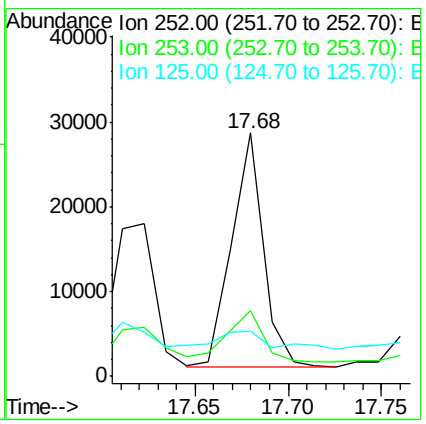


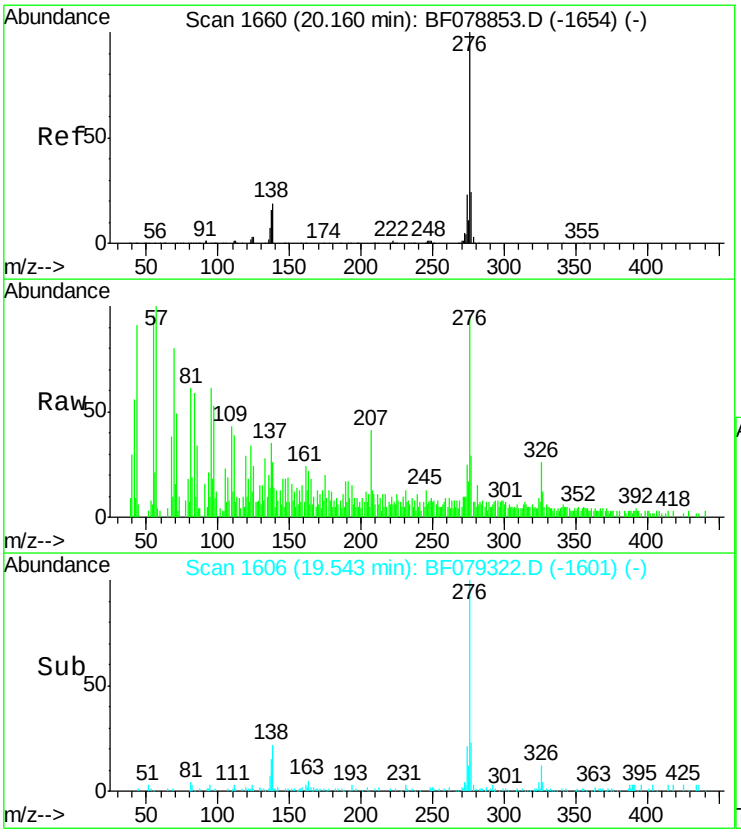
#89
Benzo(a)pyrene
Concen: 3.24 ng
RT: 17.68 min Scan# 1443
Delta R.T. -0.11 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:252 Resp: 32677

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0#
125	18.6	8.2	12.2#





#91
Benzo(g,h,i)perylene
Concen: 2.24 ng
RT: 19.54 min Scan# 1606
Delta R.T. -0.15 min
Lab File: BF079322.D
Acq: 19 May 2015 00:07

Tgt Ion:276 Resp: 24049

Ion	Ratio	Lower	Upper
276	100		
277	29.8	18.8	28.2#
138	27.3	15.2	22.8#