Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
Data File : BF079365.D
Acq On : 20 May 2015 4:29
Operator : TP/IZ
Sample : G2281-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04

Quant Time: May 20 05:37:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	48501	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	201987	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	98049	20.00	ng		0.00
63) Phenanthrene-d10	12.72	188	183694	20.00	ng		0.00
75) Chrysene-d12	16.00	240	201498	20.00	ng		-0.02
86) Perylene-d12	17.70	264	225882	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	292005	103.64	ng		0.00
7) Phenol-d6	6.71	99	405064	108.76	ng		0.00
23) Nitrobenzene-d5	7.83	82	223183	63.50	ng		0.00
41) 2,4,6-Tribromophenol	11.86	330	112101	105.69	ng		0.00
44) 2-Fluorobiphenyl	10.06	172	464606	66.02	ng		0.00
78) Terphenyl-d14	14.71	244	527208	62.64	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.73	128	46854	4.87	ng		99
48) Acenaphthylene	10.70	152	58519	5.86	ng		99
49) Dimethylphthalate	10.56	163	32564	4.53	ng		98
57) Fluorene	11.55	166	14752	2.09	ng		98
70) Phenanthrene	12.74	178	155773	15.16	ng		99
71) Anthracene	12.81	178	69605	6.90	ng		99
74) Fluoranthene	14.22	202	317057	29.61	ng		100
77) Pyrene	14.50	202	329477	28.38	ng		100
80) Benzo(a)anthracene	16.03	228	173899	15.76	ng		95
82) Chrysene	16.03	228	173501	16.35	ng		99
83) Bis(2-ethylhexyl)phthalate	16.05	149	30480	3.96	ng	#	99
85) Indeno(1,2,3-cd)pyrene	19.09	276	145585	10.77	ng		94
87) Benzo(b)fluoranthene	17.27	252	360784	29.18	ng		98
88) Benzo(k)fluoranthene	17.27	252	360784	30.14	ng	#	94
89) Benzo(a)pyrene	17.65	252	215553	18.93	ng		100
90) Dibenzo(a,h)anthracene	19.10	278	31774	2.63	ng	#	92
91) Benzo(g,h,i)perylene	19.49	276	144870	11.95	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
Data File : BF079365.D
Acq On : 20 May 2015 4:29
Operator : TP/IZ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: May 20 05:37:49 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
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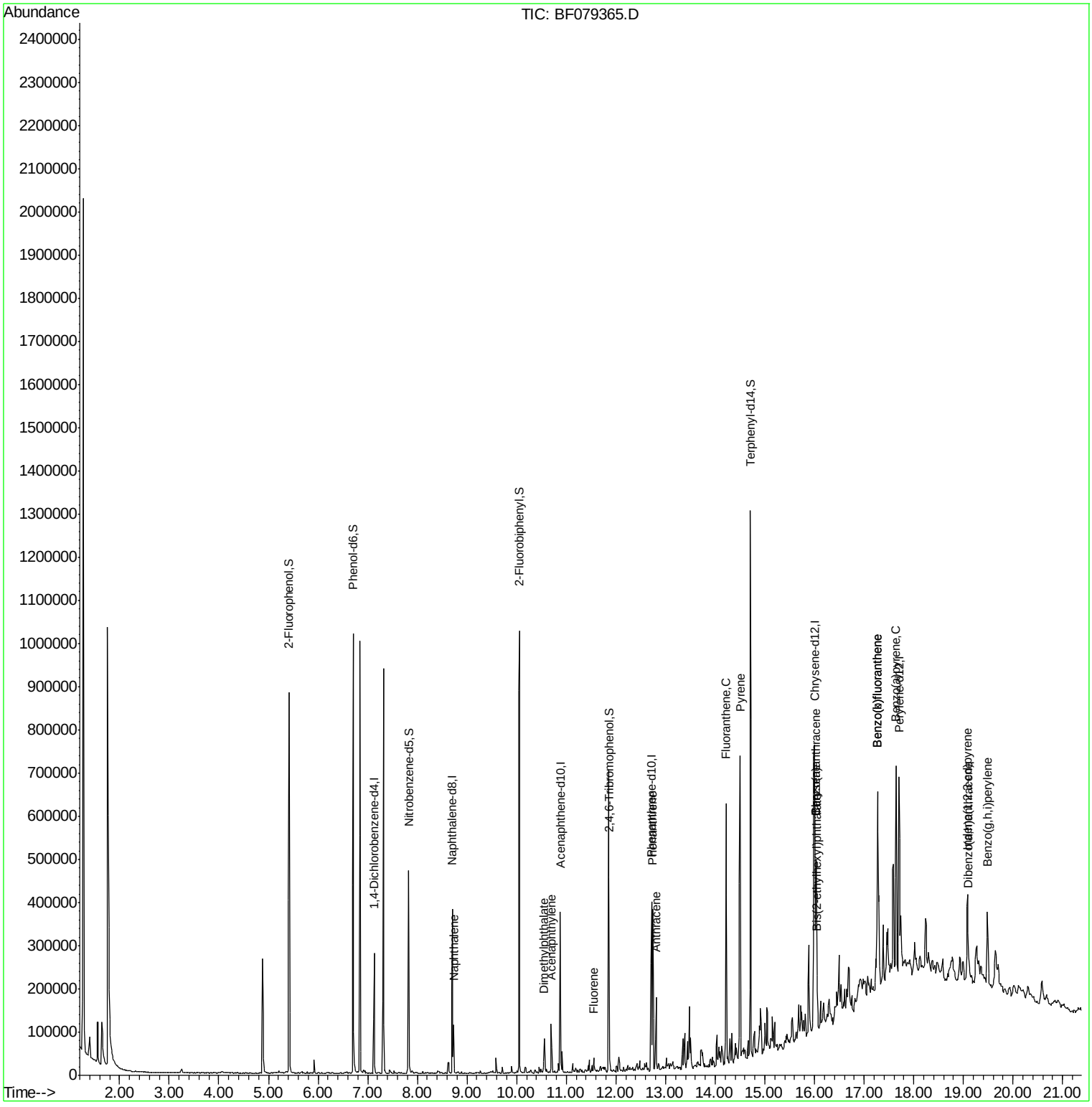
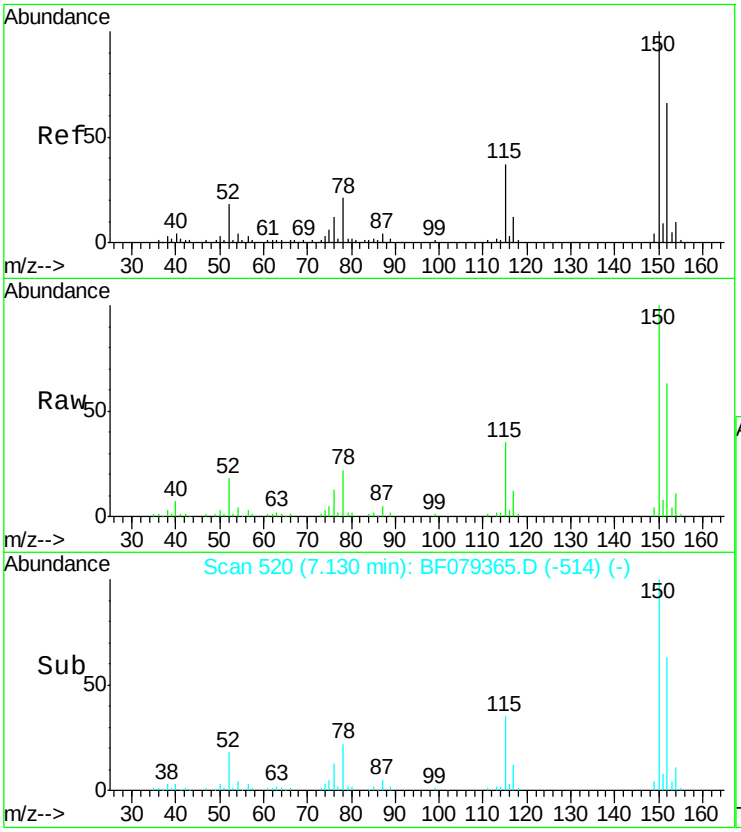


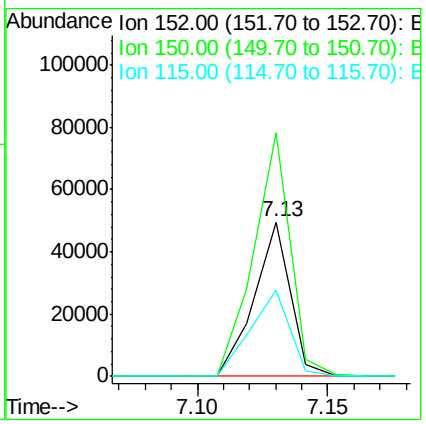


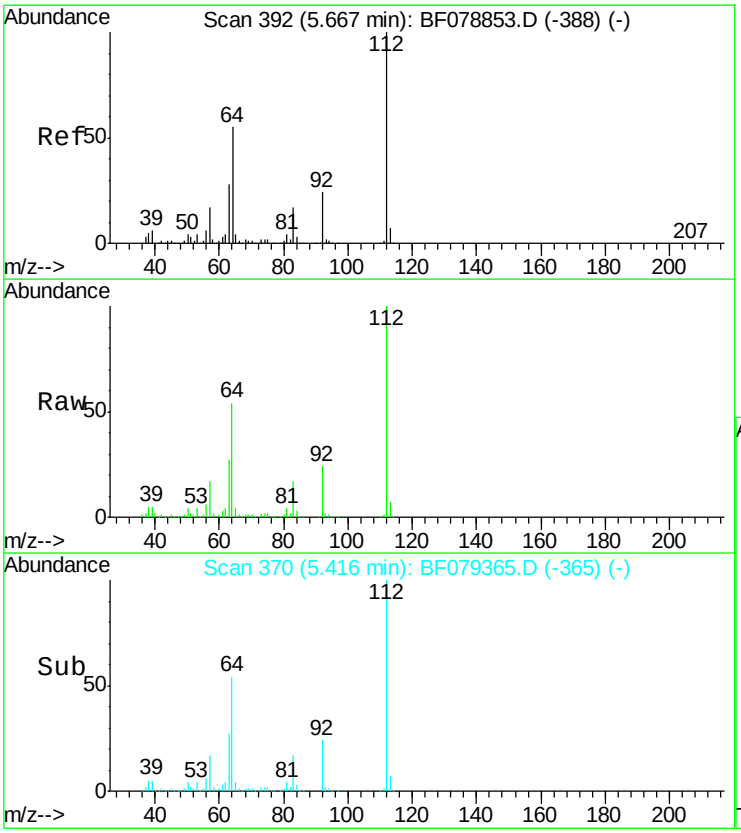
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:152 Resp: 48501

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.8	185.8
115	55.9	49.4	74.0

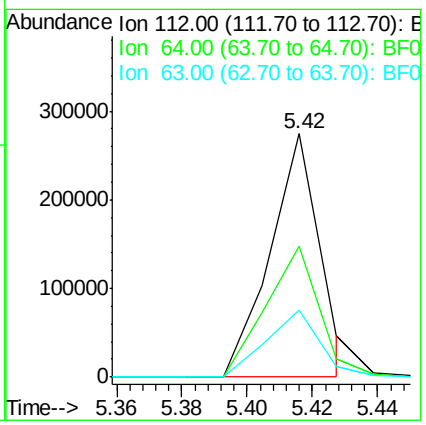


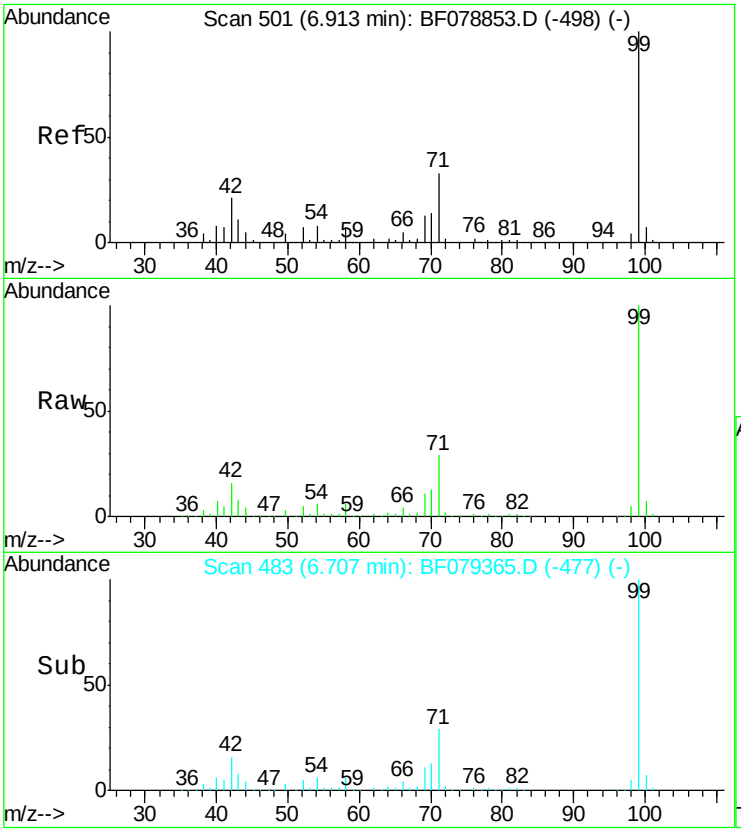


#5
2-Fluorophenol
Concen: 103.64 ng
RT: 5.42 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:112 Resp: 292005

Ion	Ratio	Lower	Upper
112	100		
64	53.6	44.2	66.2
63	27.5	22.7	34.1



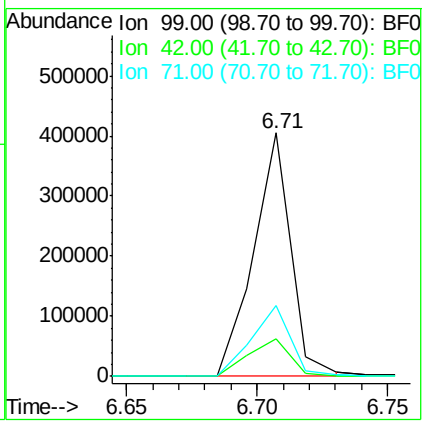


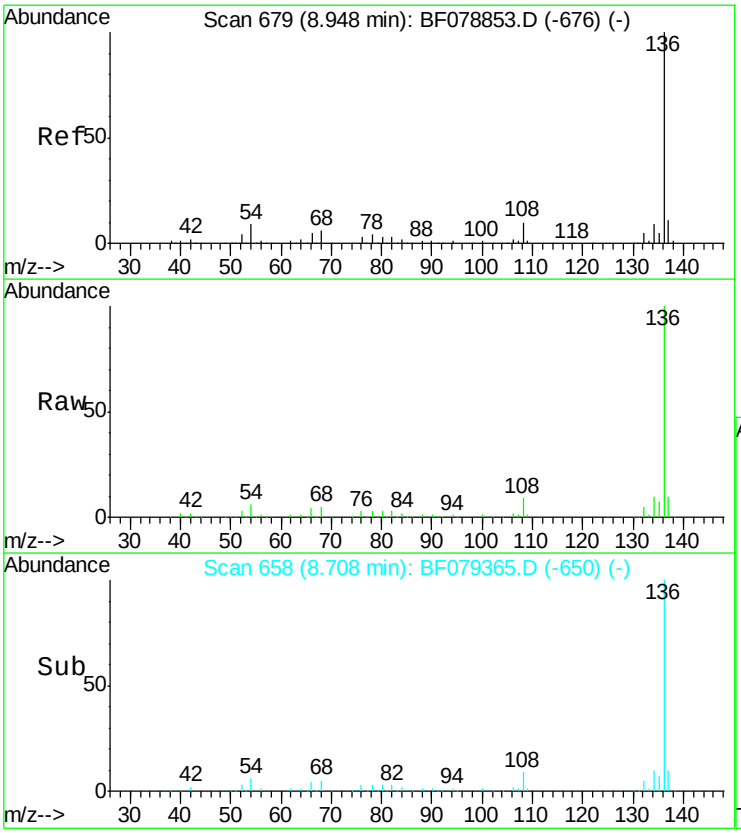
#7
Phenol-d6
Concen: 108.76 ng
RT: 6.71 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion: 99 Resp: 405064

Ion	Ratio	Lower	Upper
99	100		
42	15.6	17.1	25.7#
71	28.9	26.3	39.5

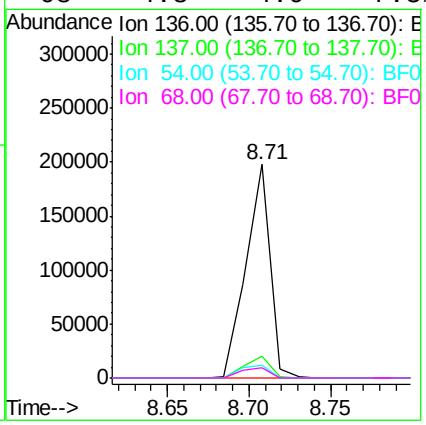


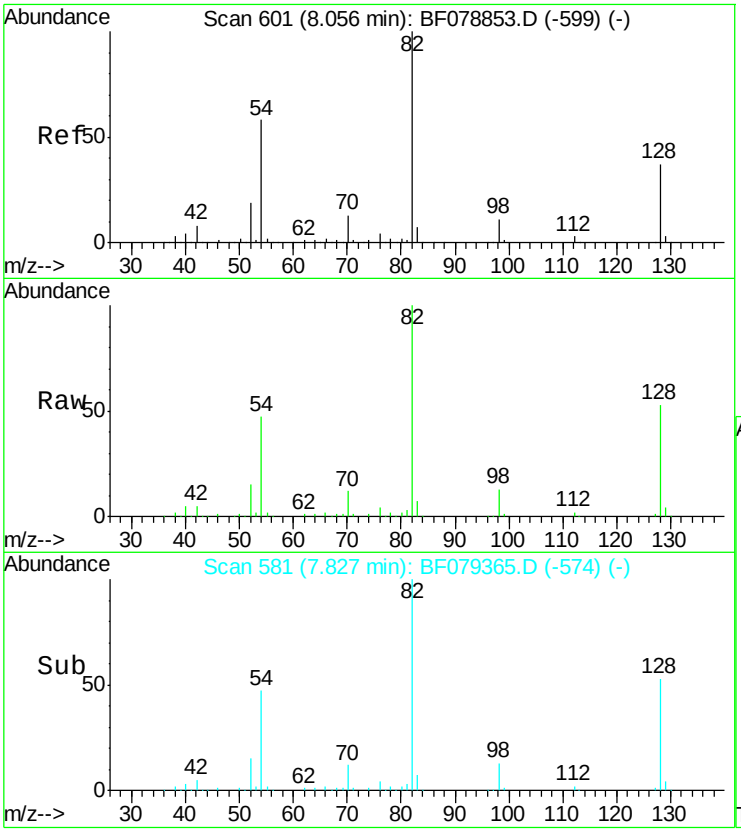


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:136 Resp: 201987

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.2	6.9	10.3#
68	4.8	4.9	7.3#



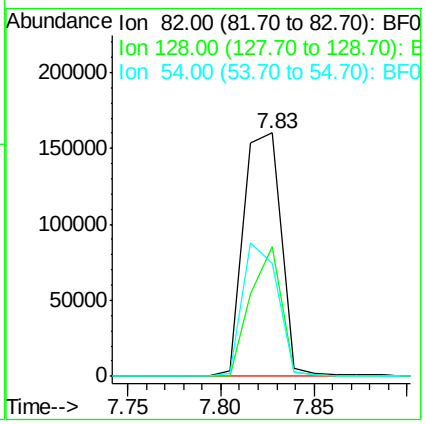


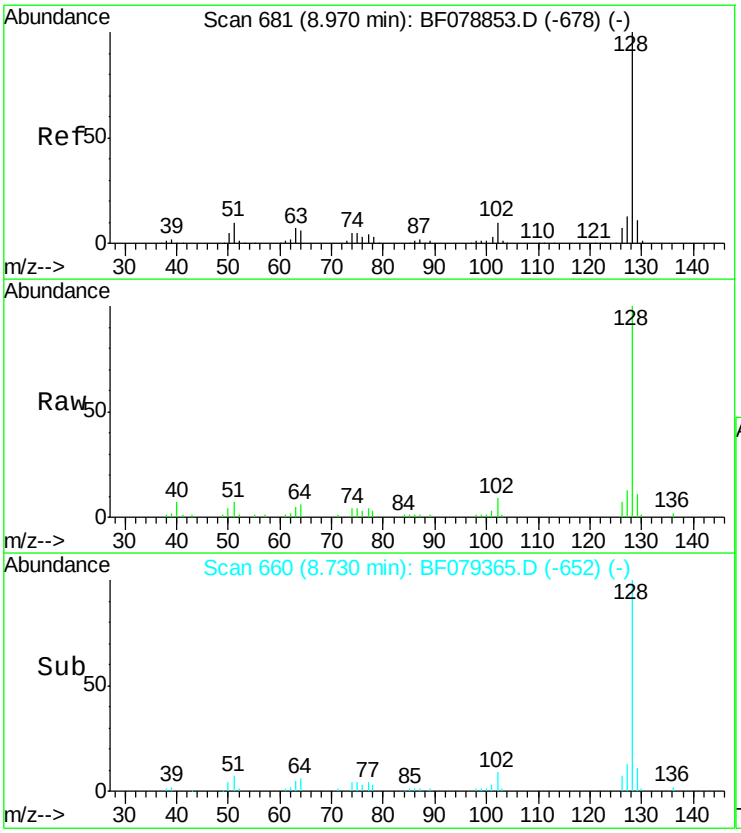
#23
Nitrobenzene-d5
Concen: 63.50 ng
RT: 7.83 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion: 82 Resp: 223183

Ion	Ratio	Lower	Upper
82	100		
128	53.4	29.7	44.5#
54	46.5	46.2	69.4

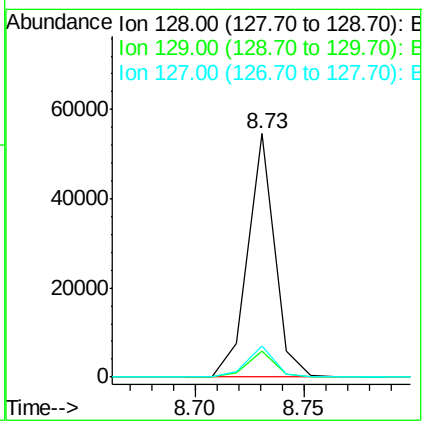


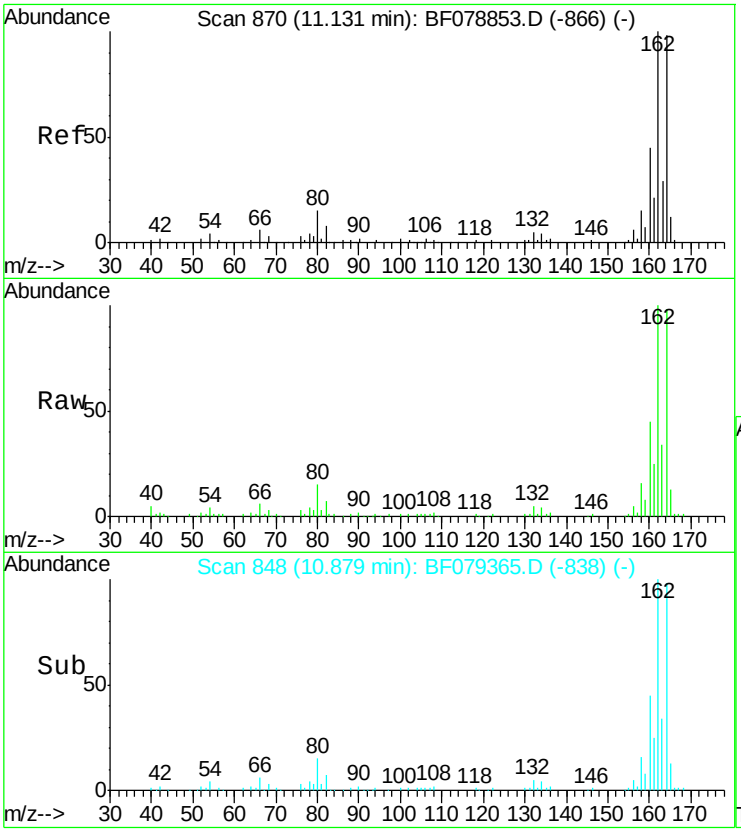


#31
Naphthalene
Concen: 4.87 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:128 Resp: 46854

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	12.8	10.3	15.5



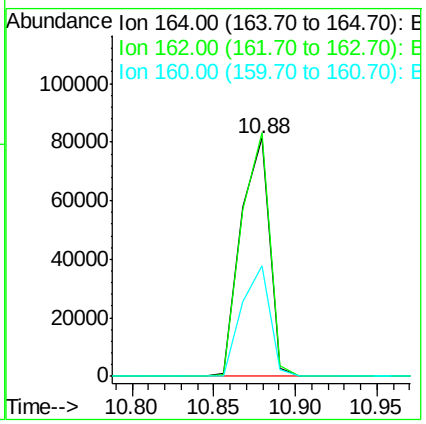


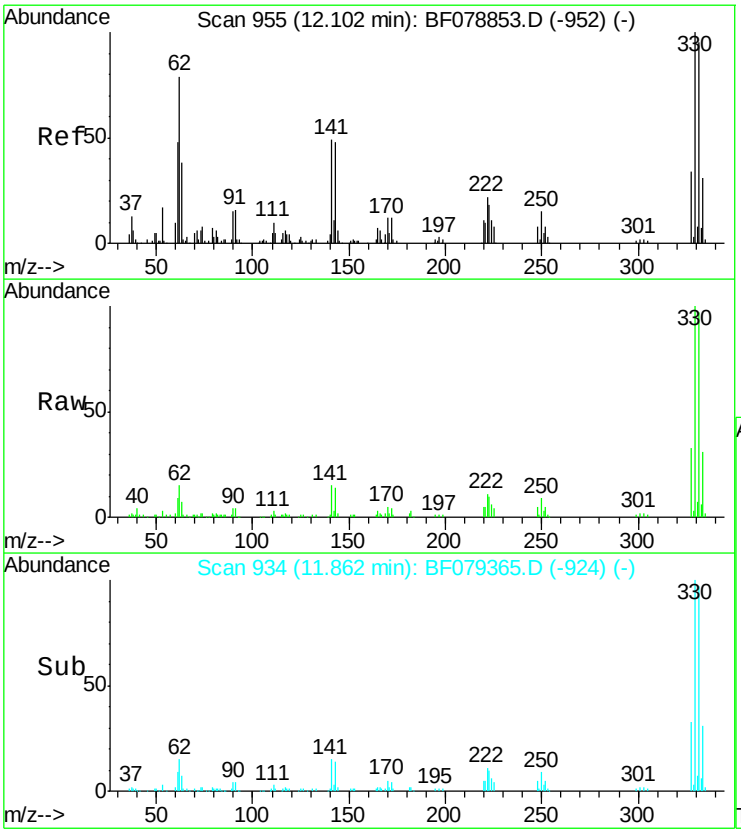
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:164 Resp: 98049

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.4	122.0
160	46.2	36.6	54.8

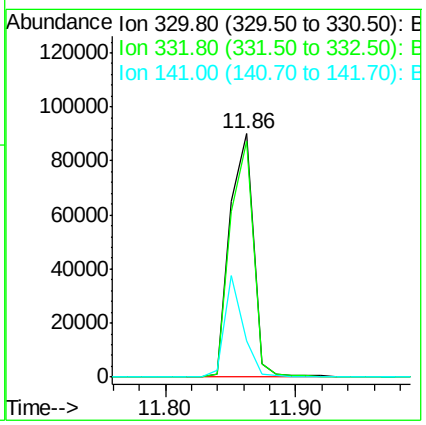


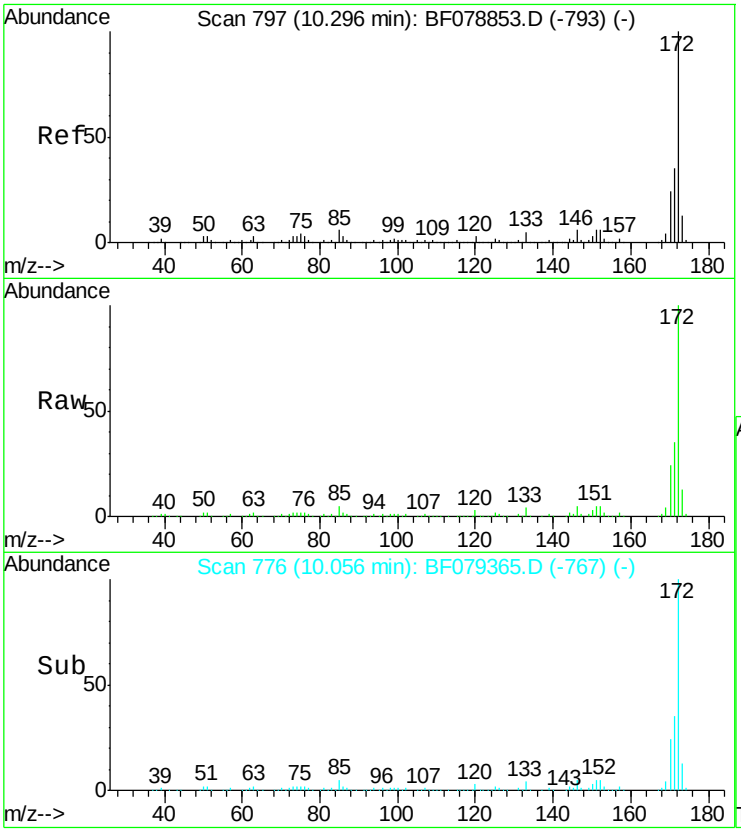


#41
2,4,6-Tribromophenol
Concen: 105.69 ng
RT: 11.86 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:330 Resp: 112101

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	33.9	27.8	41.8



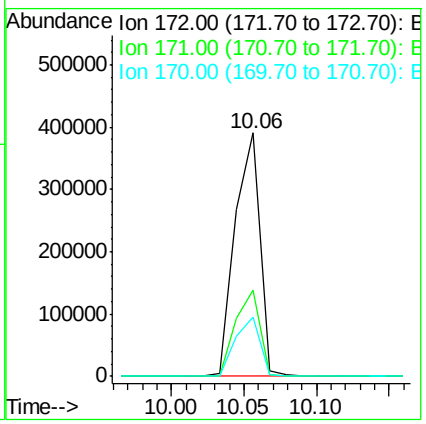


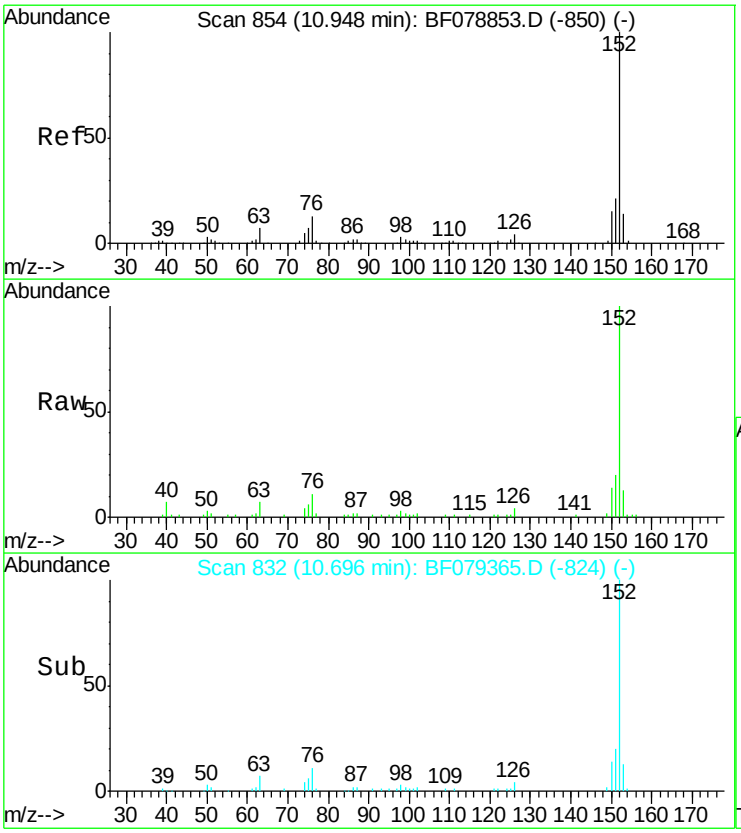
#44
2-Fluorobiphenyl
Concen: 66.02 ng
RT: 10.06 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:172 Resp: 464606

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	24.2	19.4	29.2

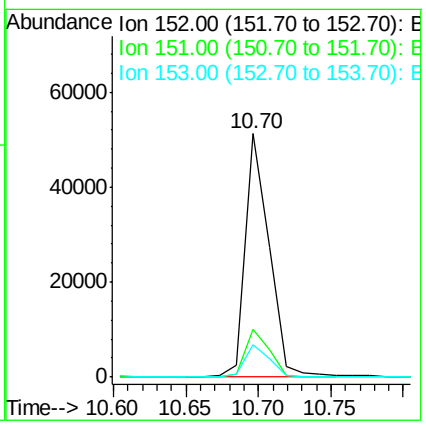


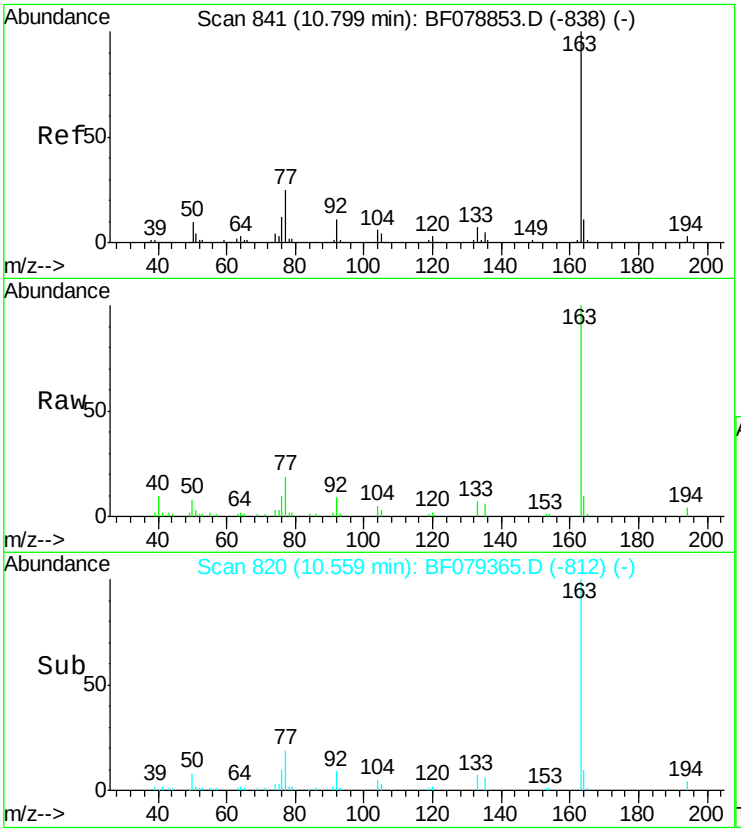


#48
Acenaphthylene
Concen: 5.86 ng
RT: 10.70 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:152 Resp: 58519

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	13.5	11.0	16.6



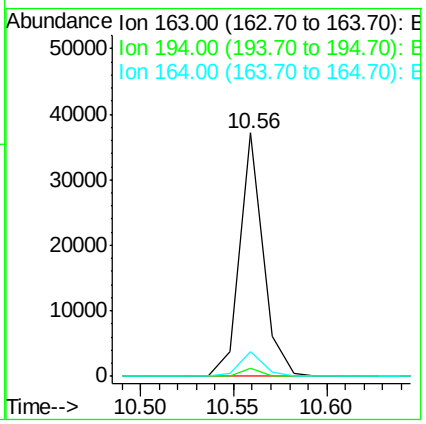


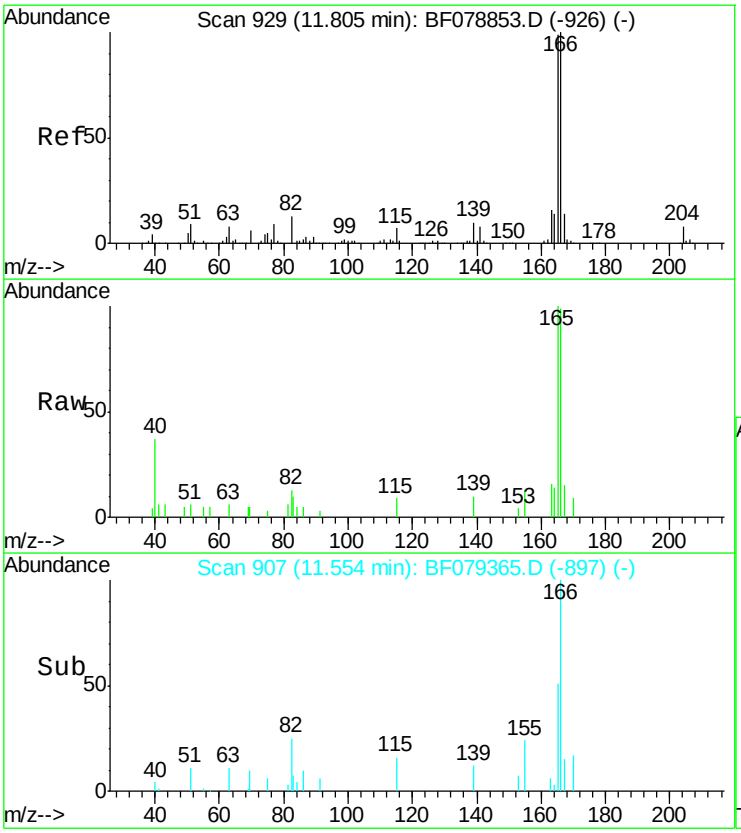
#49
Dimethylphthalate
Concen: 4.53 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:163 Resp: 32564

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.4	3.6
164	9.9	8.6	12.8

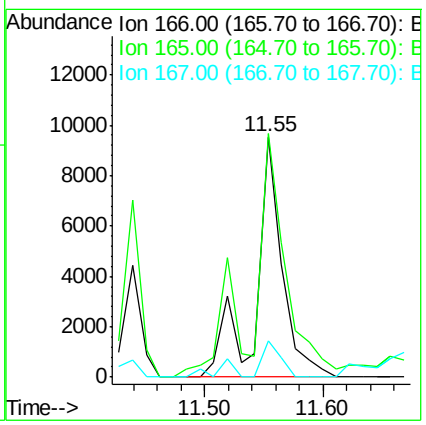


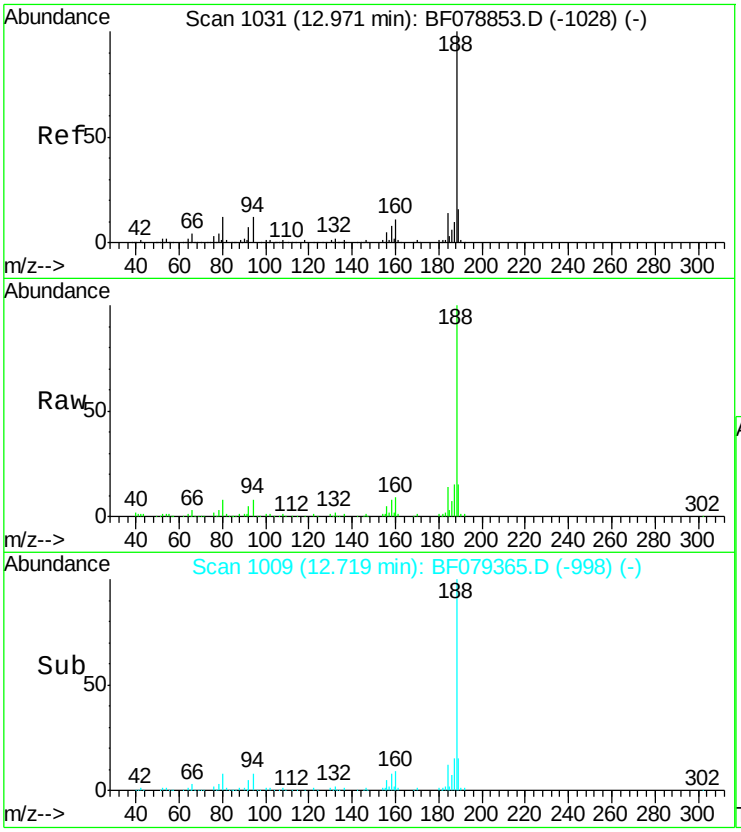


#57
Fluorene
Concen: 2.09 ng
RT: 11.55 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:166 Resp: 14752

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.5	119.3
167	15.3	11.0	16.6



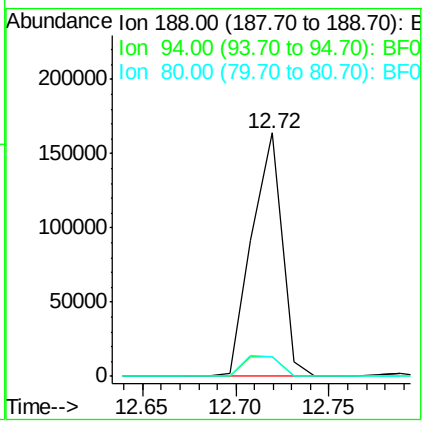


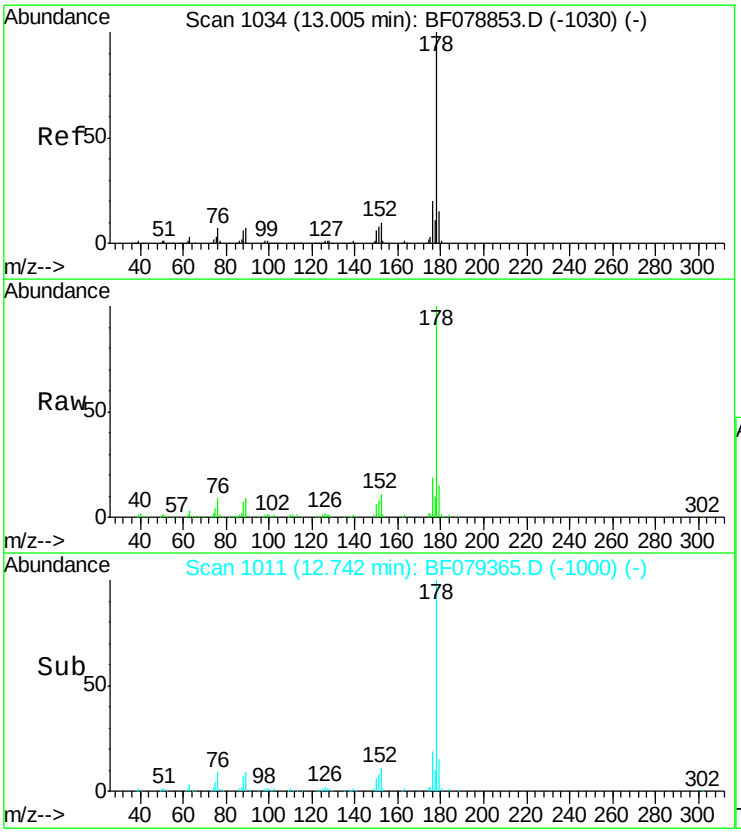
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.72 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:188 Resp: 183694

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.4	14.0#
80	8.3	9.8	14.6#

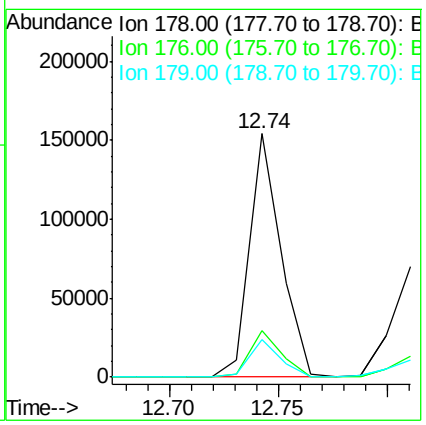


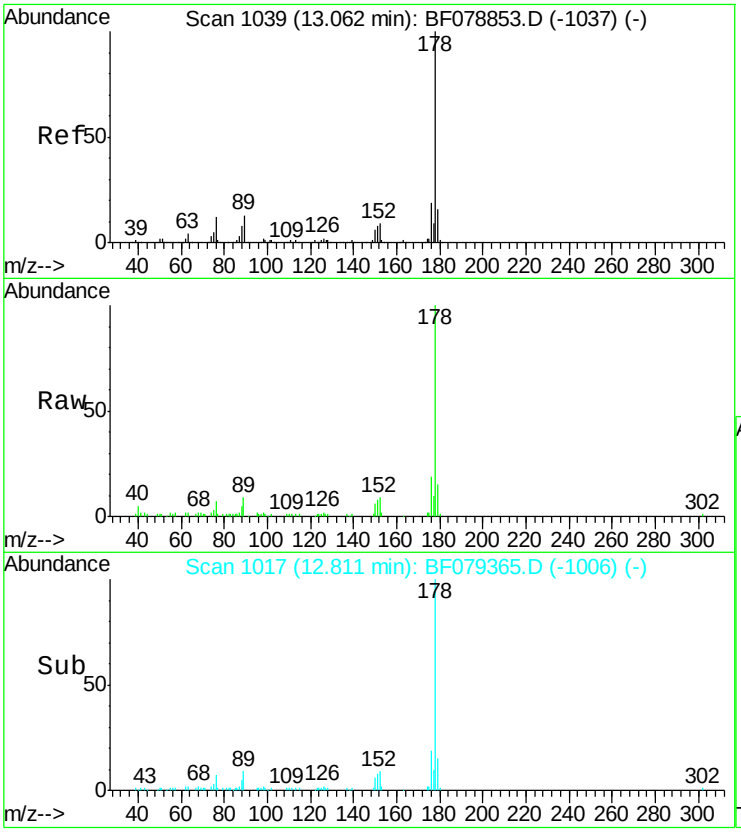


#70
Phenanthrene
Concen: 15.16 ng
RT: 12.74 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:178 Resp: 155773

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.3	12.2	18.4



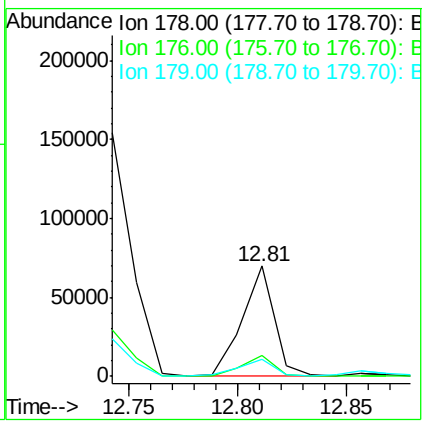


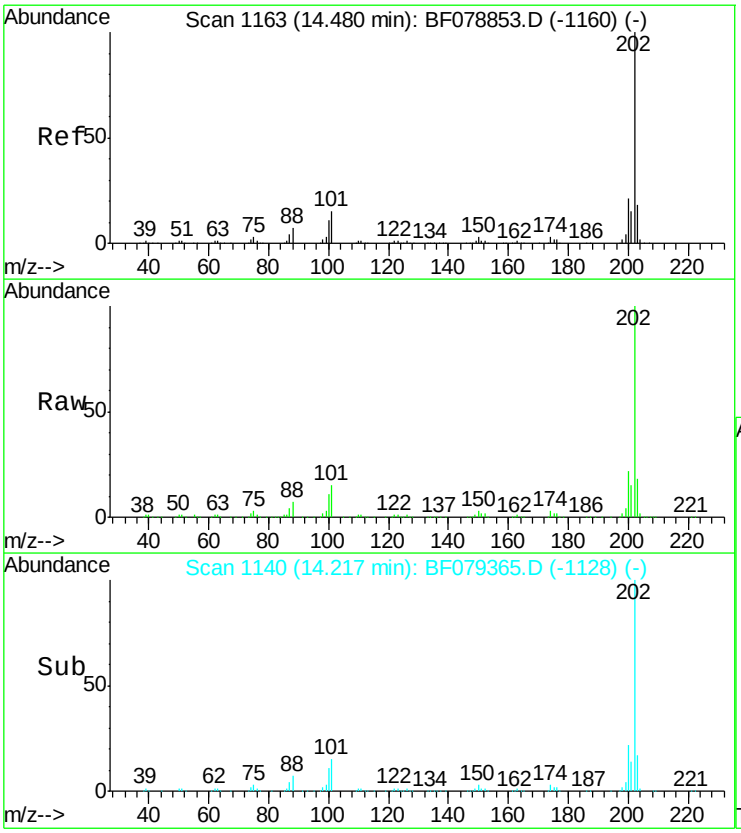
#71
Anthracene
Concen: 6.90 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:178 Resp: 69605

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.1	12.6	19.0

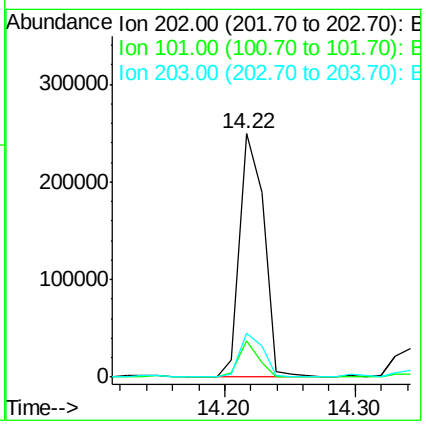


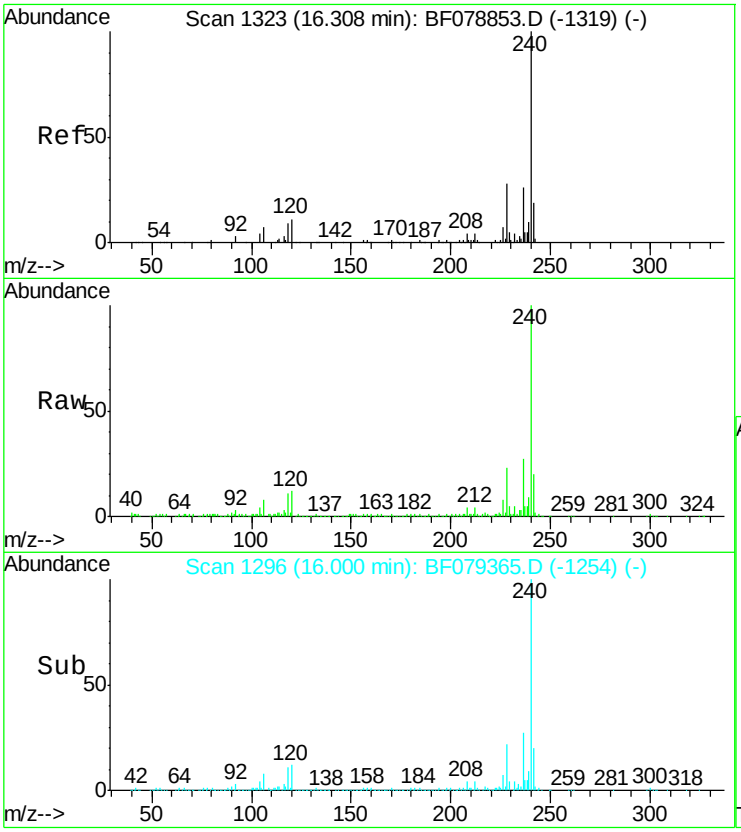


#74
Fluoranthene
Concen: 29.61 ng
RT: 14.22 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:202 Resp: 317057

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.7
203	18.0	0.0	37.9



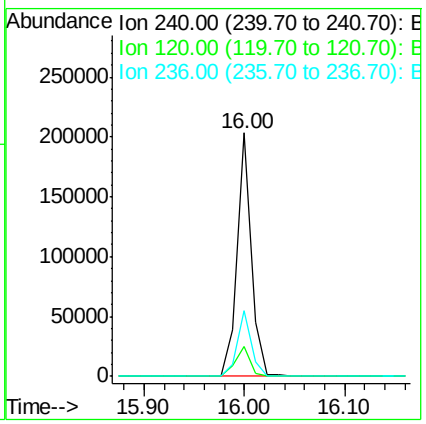


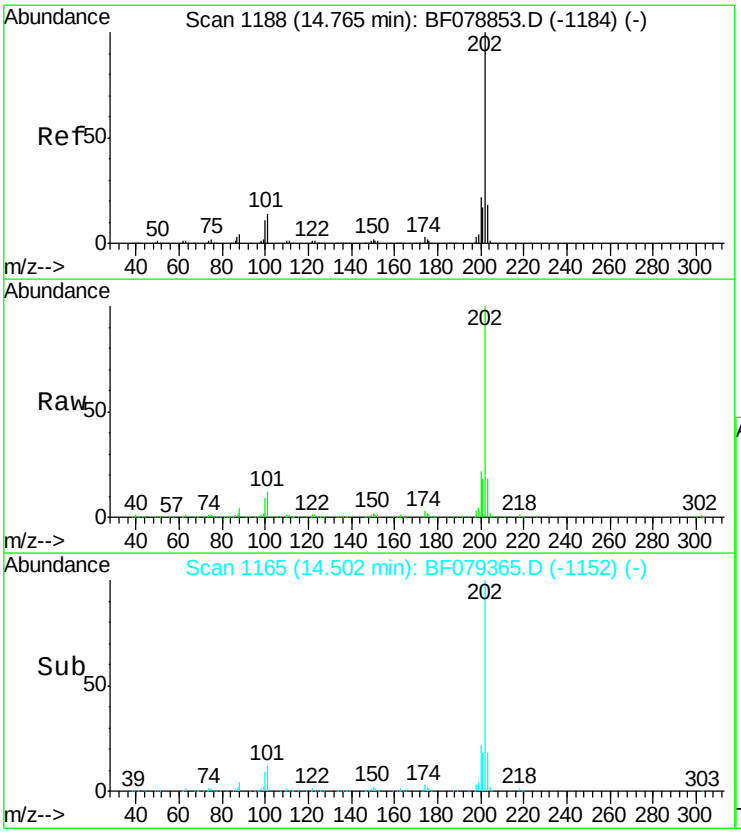
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:240 Resp: 201498

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.6	12.8
236	26.9	21.0	31.6

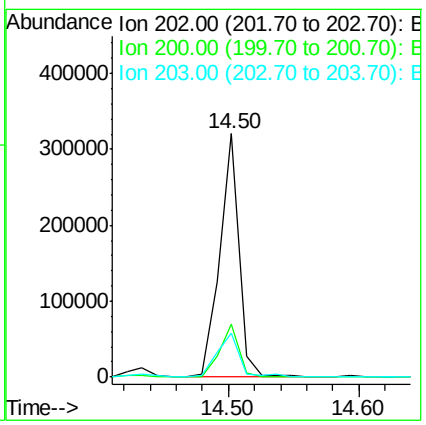


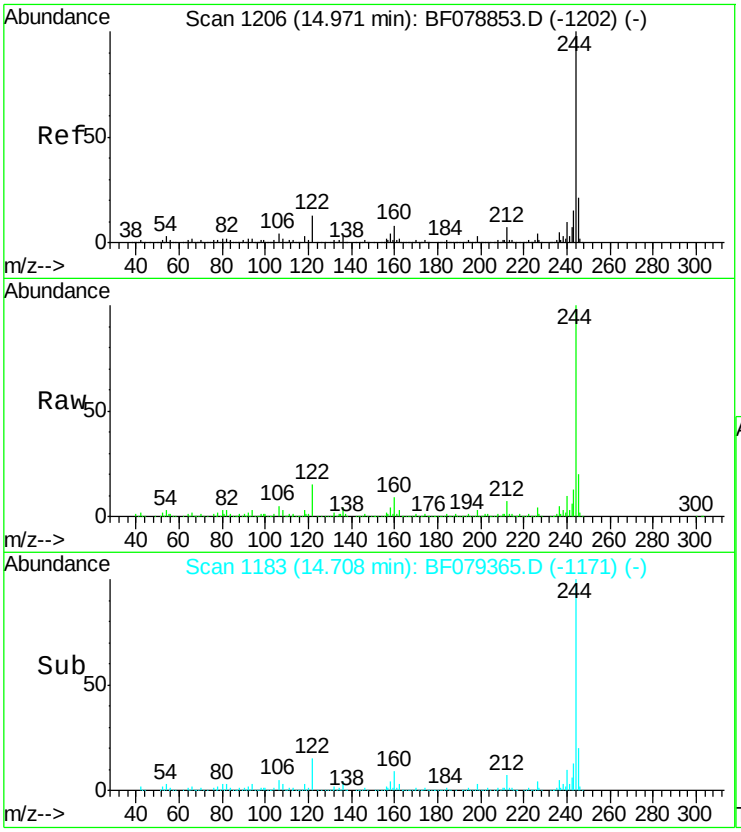


#77
Pyrene
Concen: 28.38 ng
RT: 14.50 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:202 Resp: 329477

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	17.9	14.7	22.1



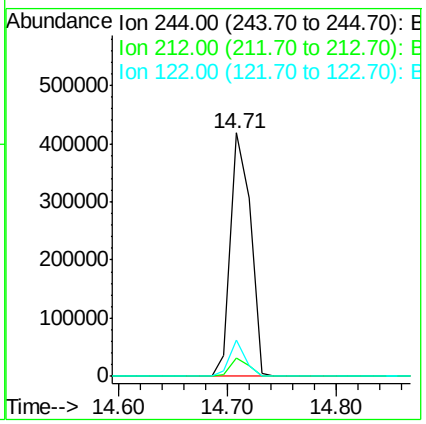


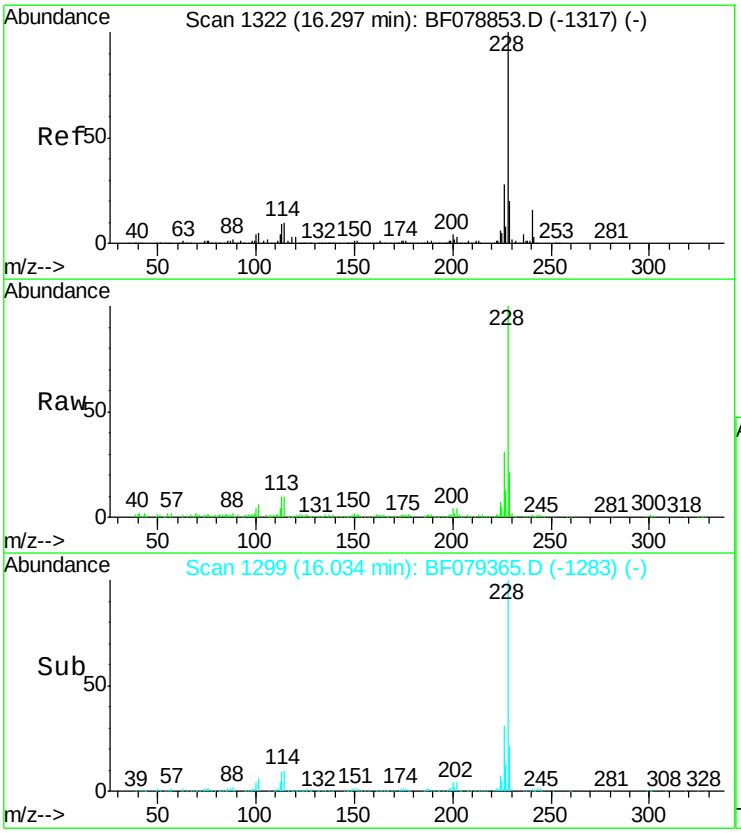
#78
Terphenyl-d14
Concen: 62.64 ng
RT: 14.71 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:244 Resp: 527208

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	15.0	10.5	15.7

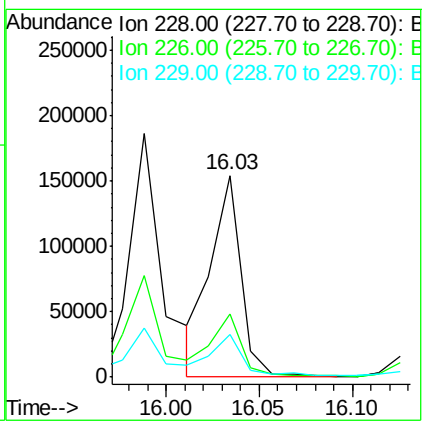


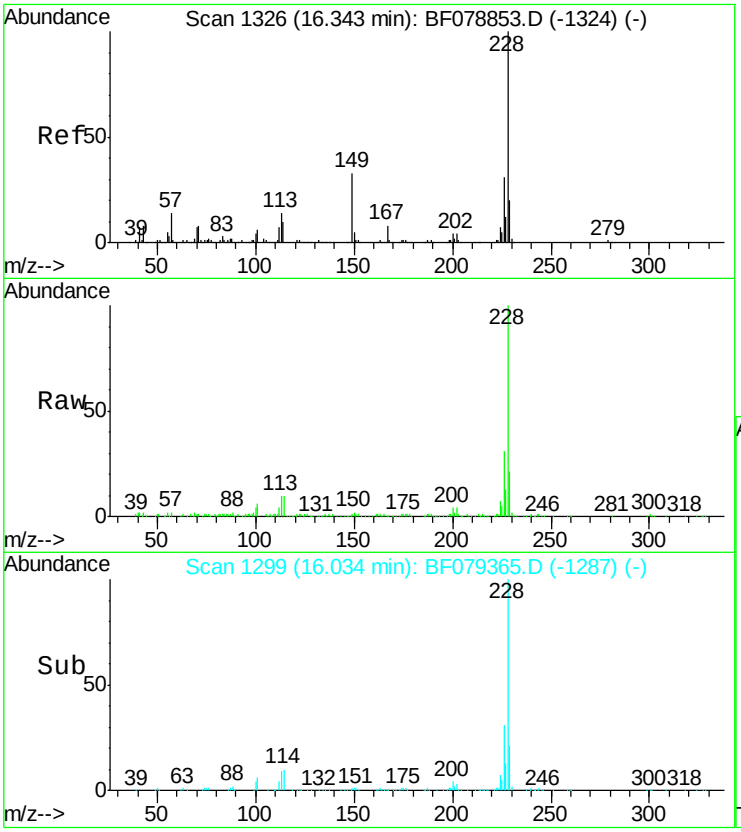


#80
Benzo(a)anthracene
Concen: 15.76 ng
RT: 16.03 min Scan# 1299
Delta R.T. 0.02 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:228 Resp: 173899

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.3	33.5
229	21.4	16.1	24.1



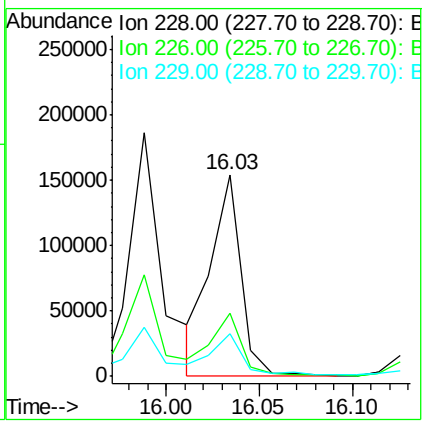


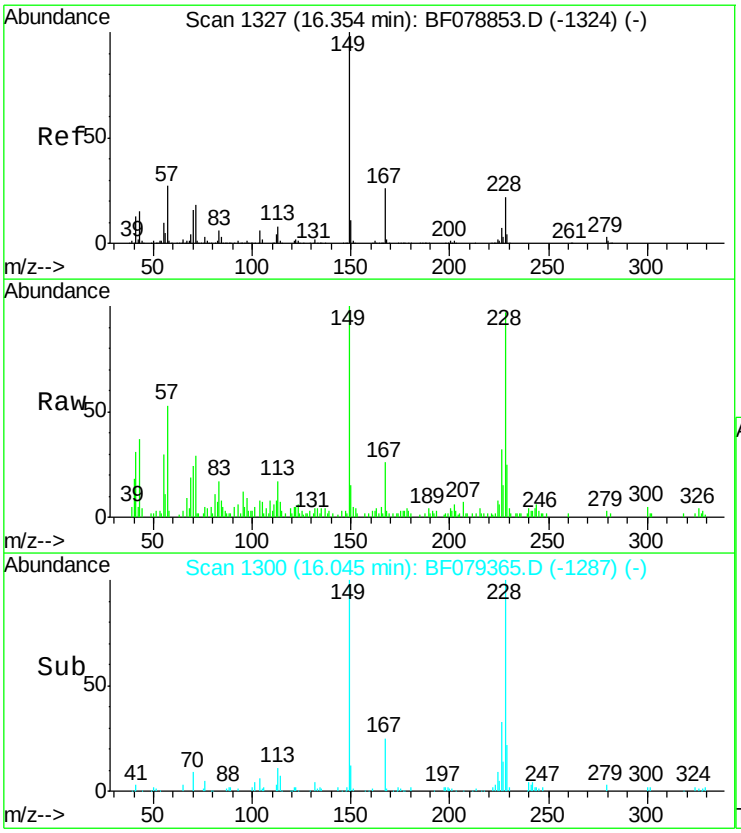
#82
Chrysene
Concen: 16.35 ng
RT: 16.03 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:228 Resp: 173501

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	21.4	16.1	24.1

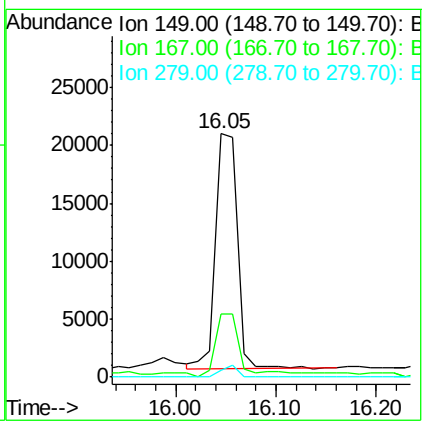


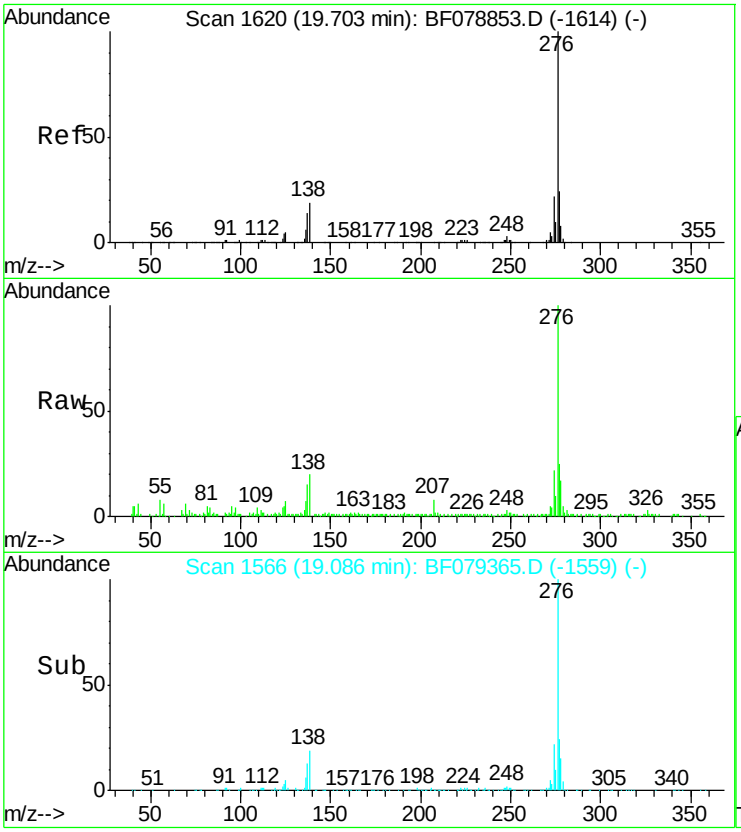


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.96 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:149 Resp: 30480

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



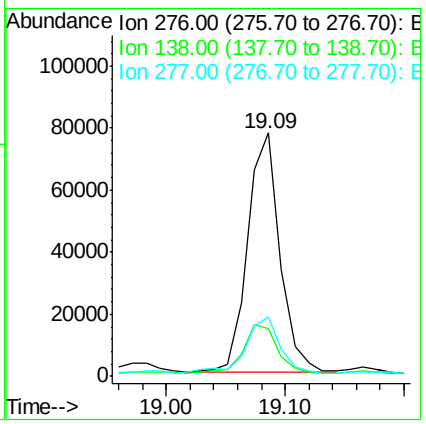


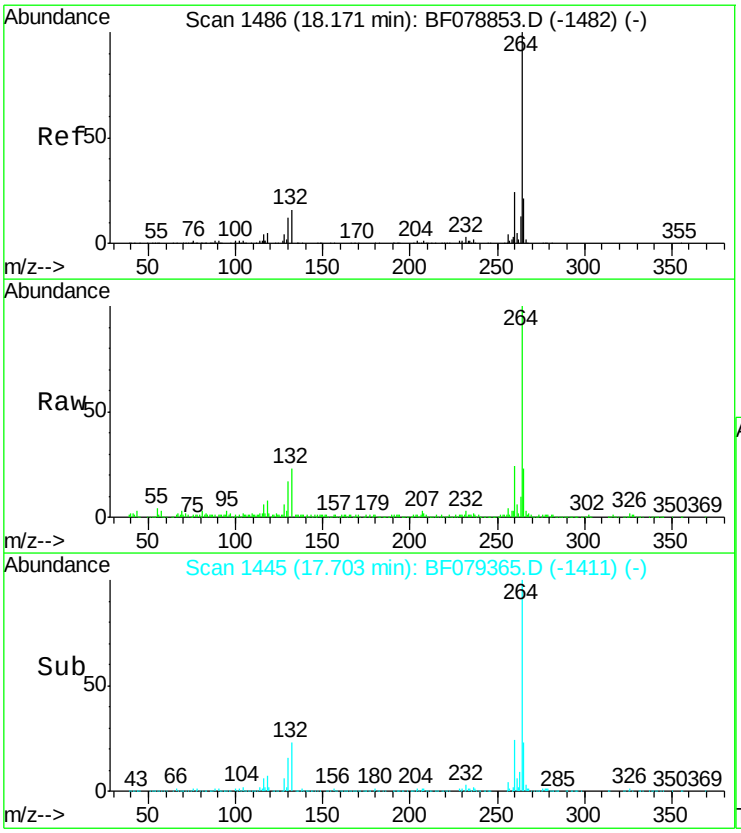
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.77 ng
RT: 19.09 min Scan# 1566
Delta R.T. -0.13 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:276 Resp: 145585

Ion	Ratio	Lower	Upper
276	100		
138	22.0	21.1	31.7
277	26.6	19.9	29.9

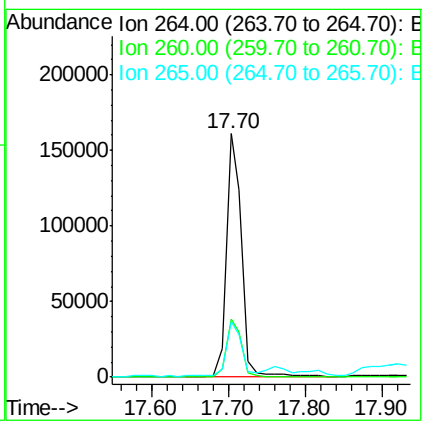


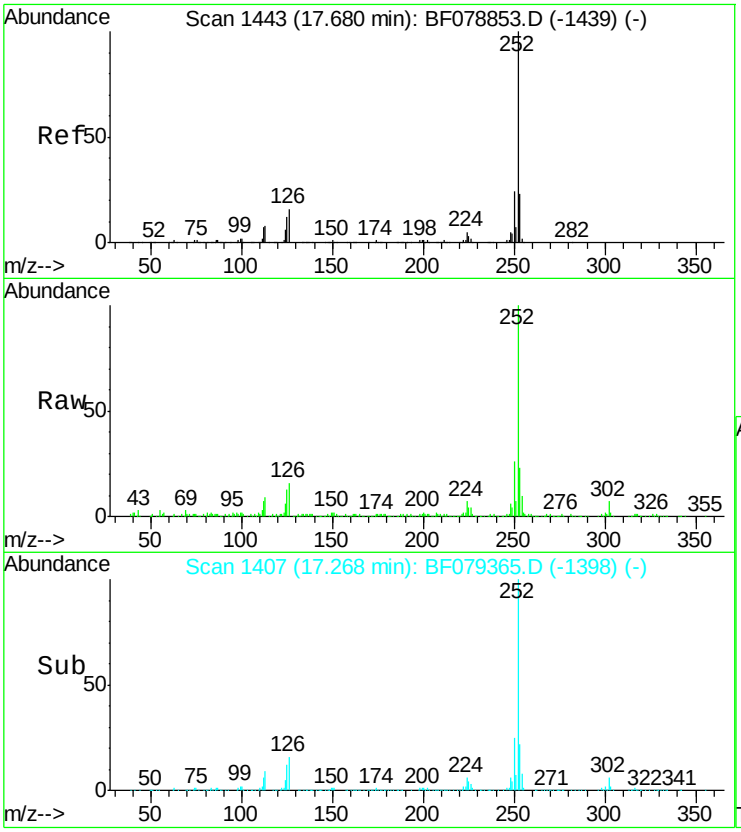


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1445
Delta R.T. -0.11 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:264 Resp: 225882

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	23.0	17.2	25.8



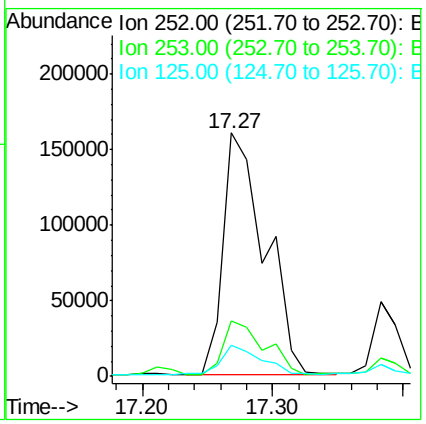


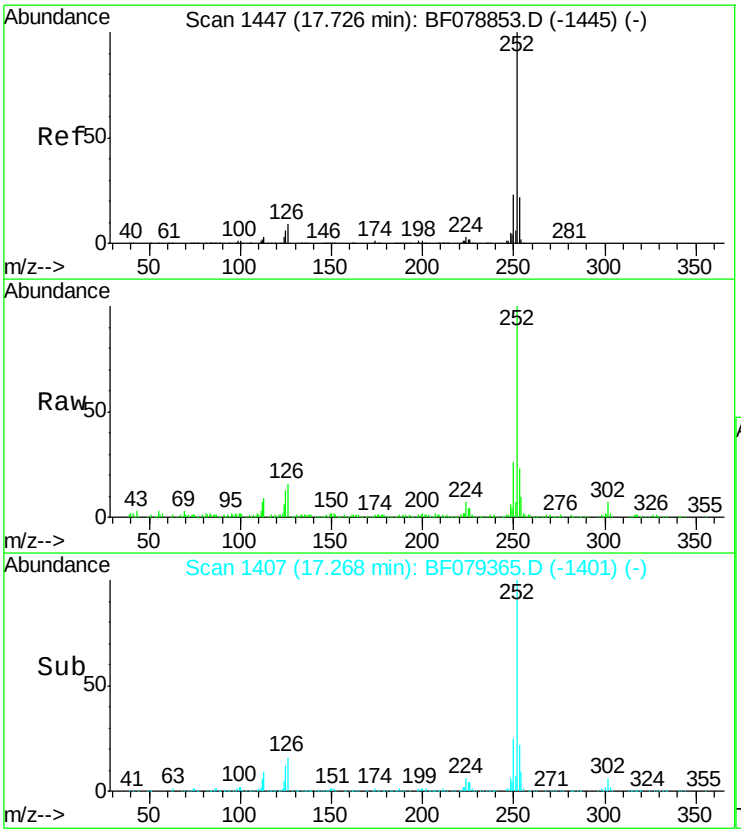
#87
Benzo(b)fluoranthene
Concen: 29.18 ng
RT: 17.27 min Scan# 1407
Delta R.T. -0.08 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:252 Resp: 360784

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	12.9	9.4	14.2

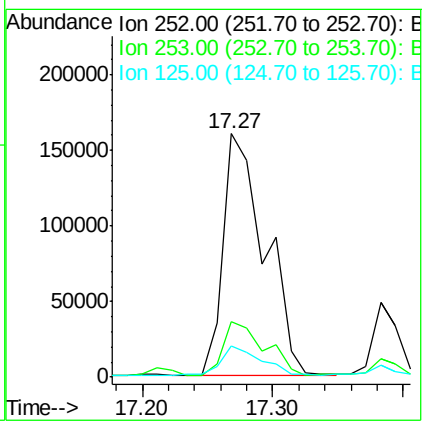


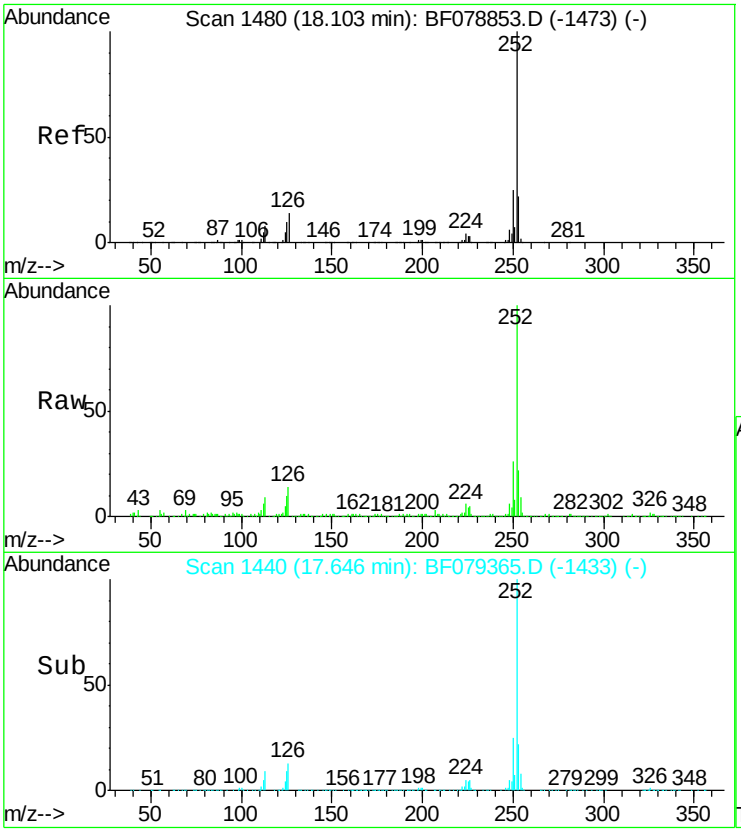


#88
Benzo(k)fluoranthene
Concen: 30.14 ng
RT: 17.27 min Scan# 1407
Delta R.T. -0.11 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:252 Resp: 360784

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	12.9	6.1	9.1#



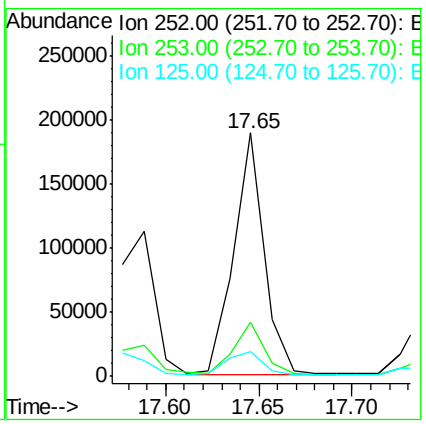


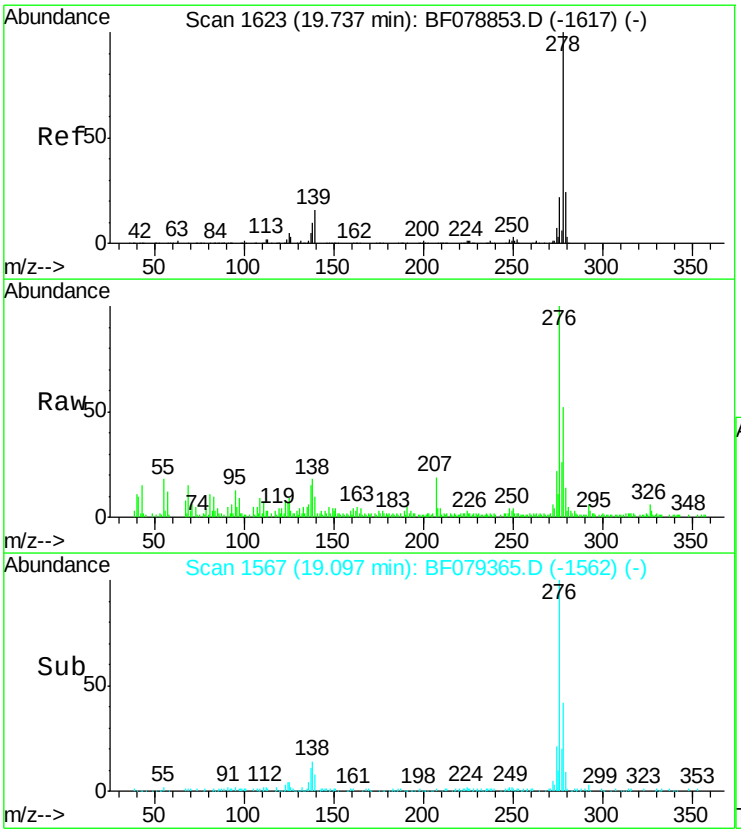
#89
Benzo(a)pyrene
Concen: 18.93 ng
RT: 17.65 min Scan# 1440
Delta R.T. -0.10 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:252 Resp: 215553

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.4	8.2	12.2

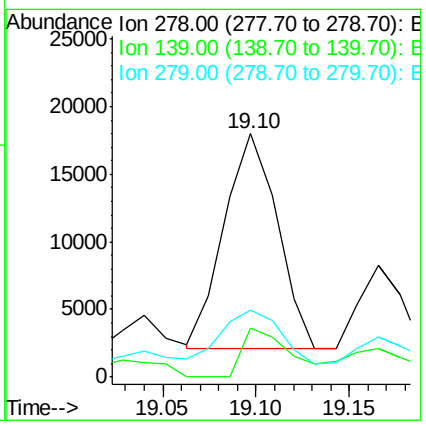


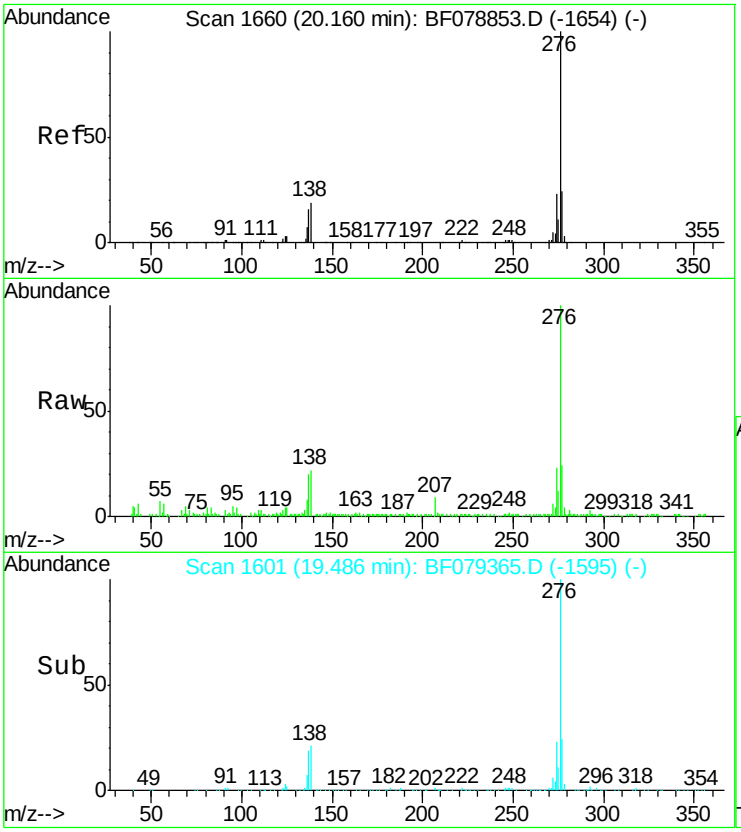


#90
Dibenzo(a,h)anthracene
Concen: 2.63 ng
RT: 19.10 min Scan# 1567
Delta R.T. -0.15 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Tgt Ion:278 Resp: 31774

Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.1	19.7#
279	27.7	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 11.95 ng
RT: 19.49 min Scan# 1601
Delta R.T. -0.14 min
Lab File: BF079365.D
Acq: 20 May 2015 4:29

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion:276 Resp: 144870

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	22.4	15.2	22.8