Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
Data File : BF079243.D
Acq On : 14 May 2015 20:29
Operator : TP/IZ
Sample : G2246-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Time: May 15 01:14:03 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 00:55:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	46074	20.00	ng		0.00
21) Naphthalene-d8	8.79	136	196954	20.00	ng		-0.01
38) Acenaphthene-d10	10.97	164	95714	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	177975	20.00	ng		-0.01
75) Chrysene-d12	16.45	240	9769	20.00	ng		-0.06
86) Perylene-d12	18.83	264	841	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	168709	63.03	ng		0.00
7) Phenol-d6	6.78	99	226855	64.12	ng		-0.01
23) Nitrobenzene-d5	7.91	82	132464	38.65	ng		-0.01
41) 2,4,6-Tribromophenol	11.95	330	63088	60.93	ng		0.00
44) 2-Fluorobiphenyl	10.14	172	266026	38.72	ng		-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
31) Naphthalene	8.82	128	169206	18.03	ng		98
33) 4-Chloroaniline	8.82	127	15820	3.98	ng	#	32
37) 2-Methylnaphthalene	9.68	142	41666	6.41	ng		95
48) Acenaphthylene	10.79	152	57388	5.89	ng		98
51) Acenaphthene	11.00	154	56634	9.75	ng		98
54) Dibenzofuran	11.22	168	62807	7.48	ng		97
57) Fluorene	11.64	166	46826	6.80	ng		97
70) Phenanthrene	12.85	178	759043	76.23	ng		100
71) Anthracene	12.90	178	146150	14.96	ng		98
72) Carbazole	13.11	167	70411	7.56	ng		98
74) Fluoranthene	14.32	202	995035	95.91	ng		99
77) Pyrene	14.61	202	986564	1752.54	ng		99
79) Butylbenzylphthalate	15.65	149	884	3.59	ng	#	18
87) Benzo(b)fluoranthene	18.18	252	949	20.62	ng	#	1
88) Benzo(k)fluoranthene	18.25	252	2166	48.61	ng	#	1
89) Benzo(a)pyrene	18.75	252	3351	79.06	ng	#	1
90) Dibenzo(a,h)anthracene	20.57	278	908	20.16	ng	#	1
91) Benzo(g,h,i)perylene	21.06	276	174	3.85	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
Data File : BF079243.D
Acq On : 14 May 2015 20:29
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Sample : G2246-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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SB-12

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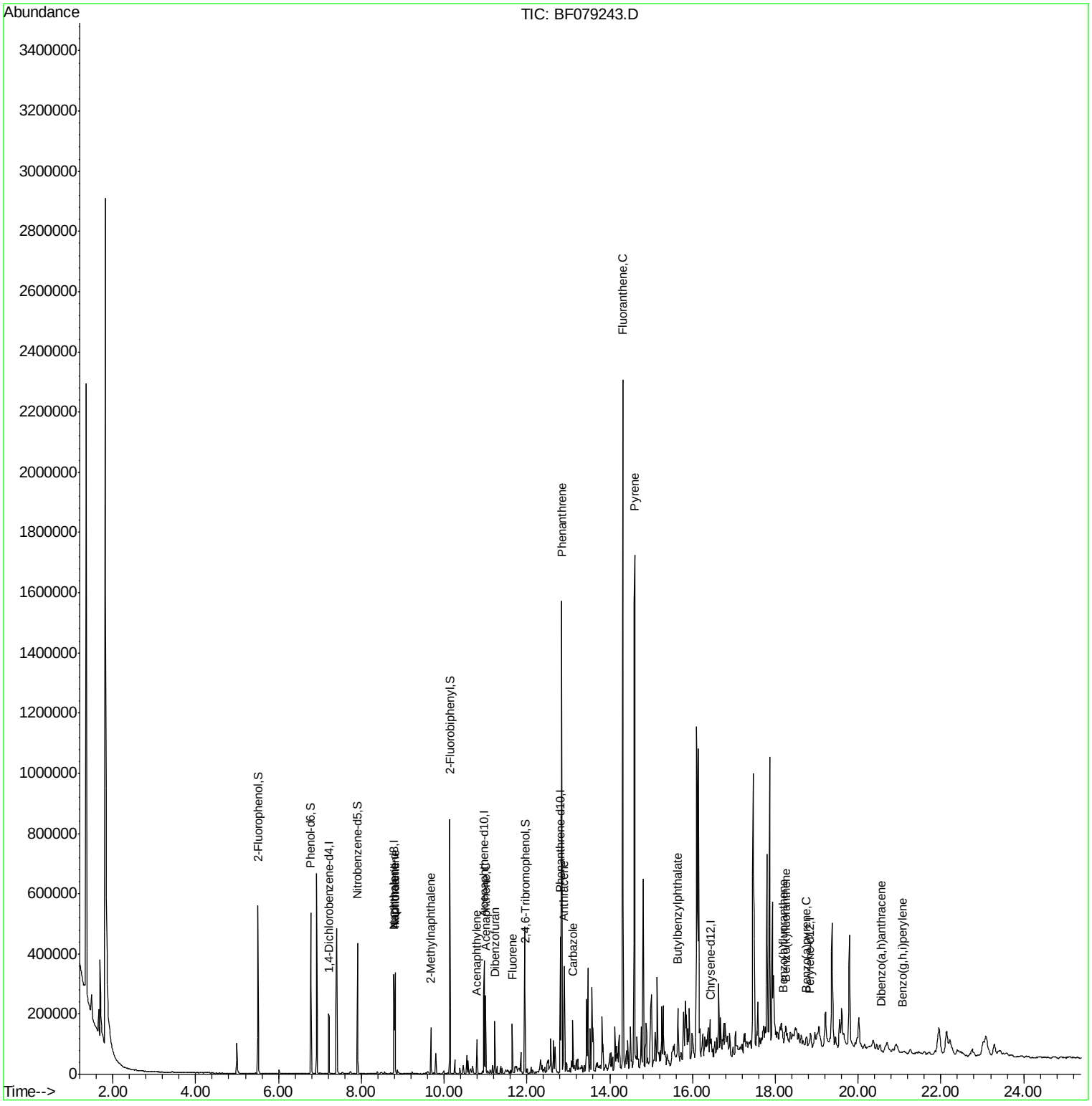
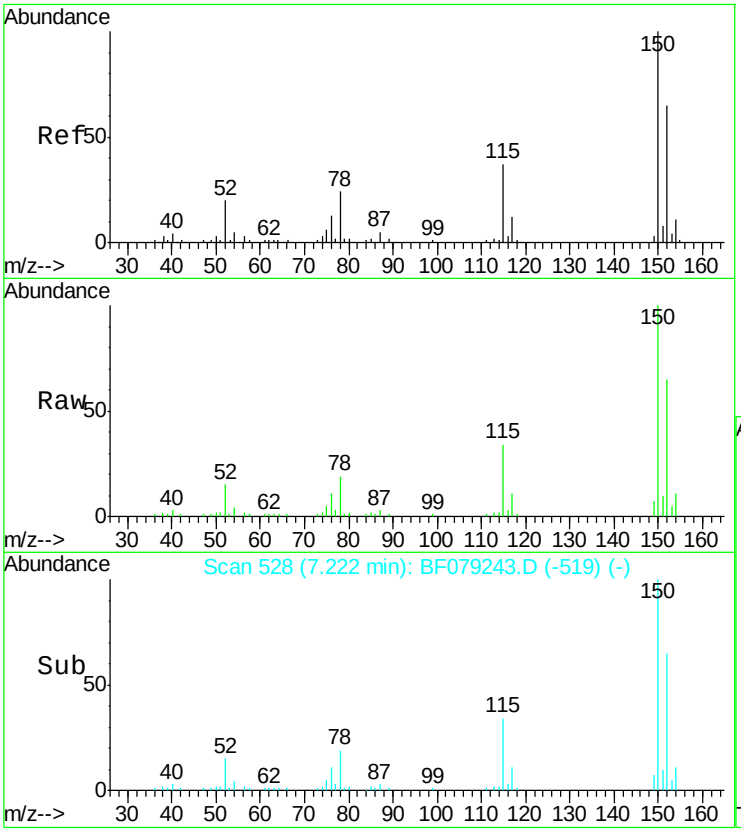
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 00:55:32 2015
Response via : Initial Calibration



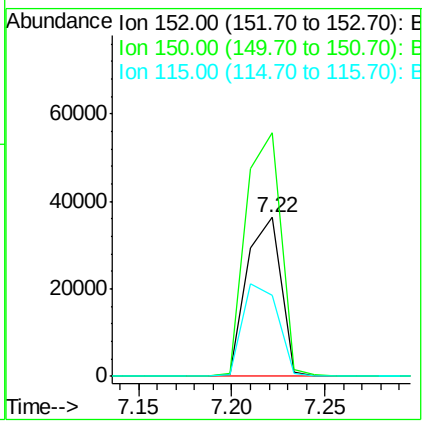


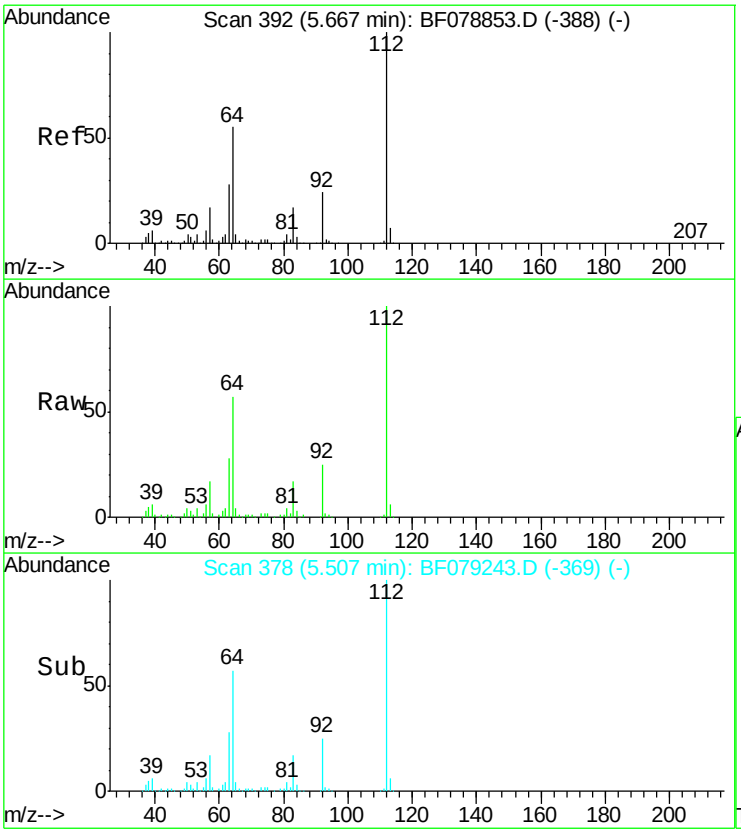
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:152 Resp: 46074

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.0	183.0
115	51.5	46.3	69.5

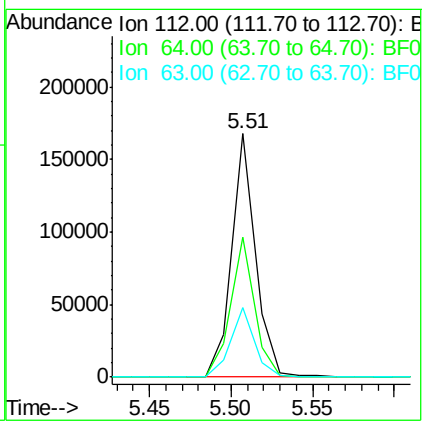


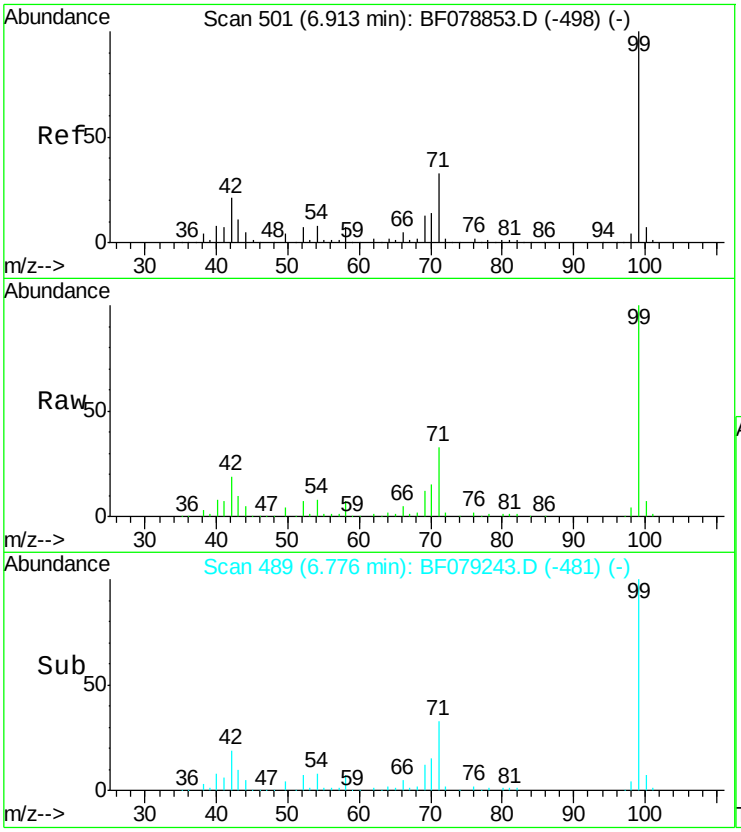


#5
2-Fluorophenol
Concen: 63.03 ng
RT: 5.51 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:112 Resp: 168709

Ion	Ratio	Lower	Upper
112	100		
64	57.2	53.5	80.3
63	28.4	27.5	41.3



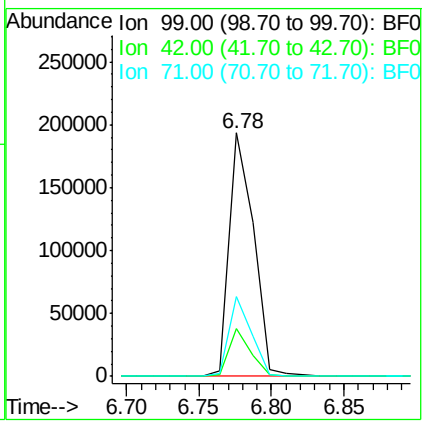


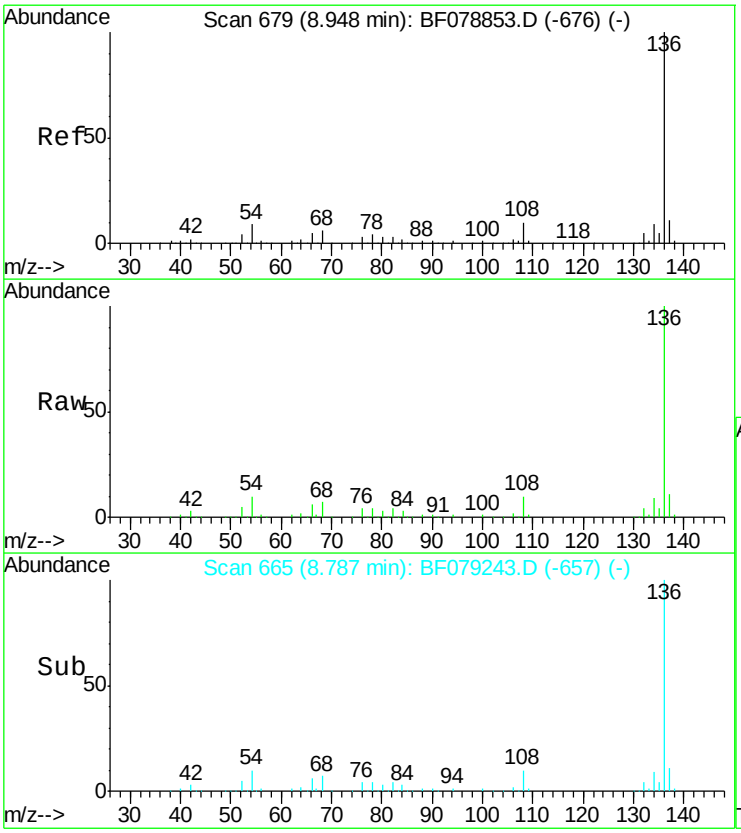
#7
Phenol-d6
Concen: 64.12 ng
RT: 6.78 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion: 99 Resp: 226855

Ion	Ratio	Lower	Upper
99	100		
42	19.4	12.8	19.2#
71	32.6	23.4	35.2

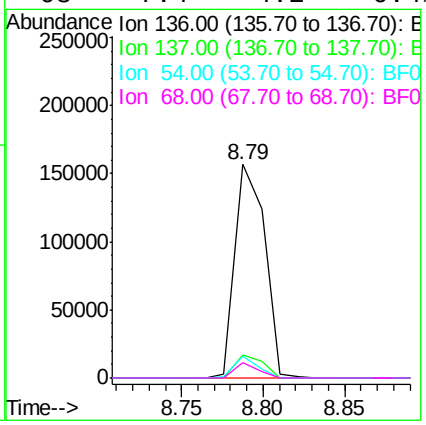


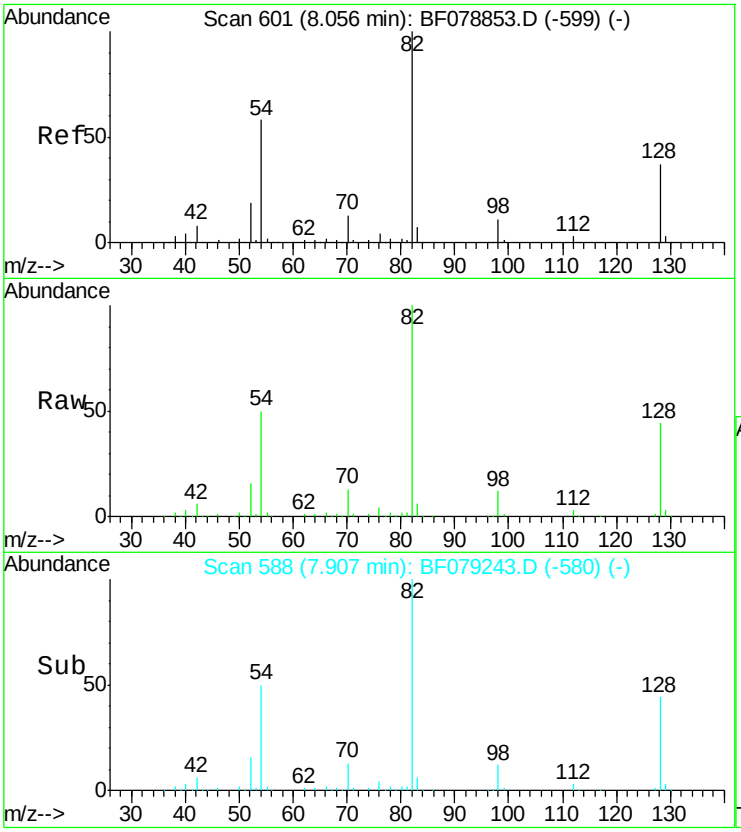


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:136 Resp: 196954

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.9	5.8	8.8#
68	7.4	4.2	6.4#



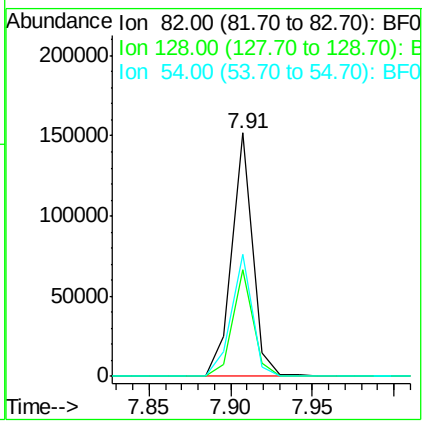


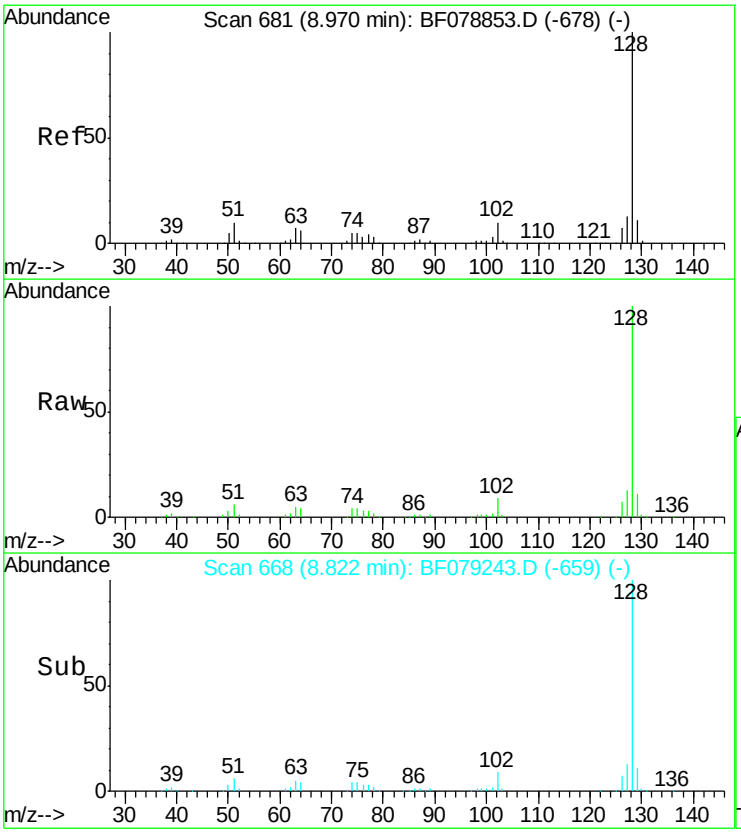
#23
Nitrobenzene-d5
Concen: 38.65 ng
RT: 7.91 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion: 82 Resp: 132464

Ion	Ratio	Lower	Upper
82	100		
128	43.9	30.0	45.0
54	50.2	46.4	69.6

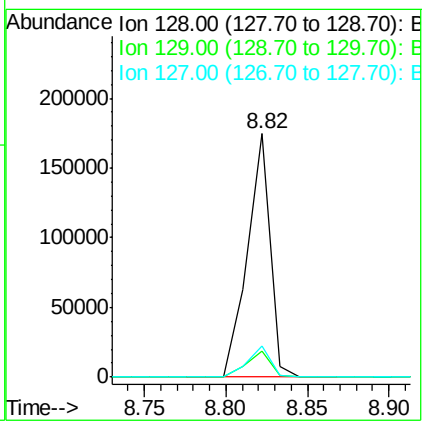


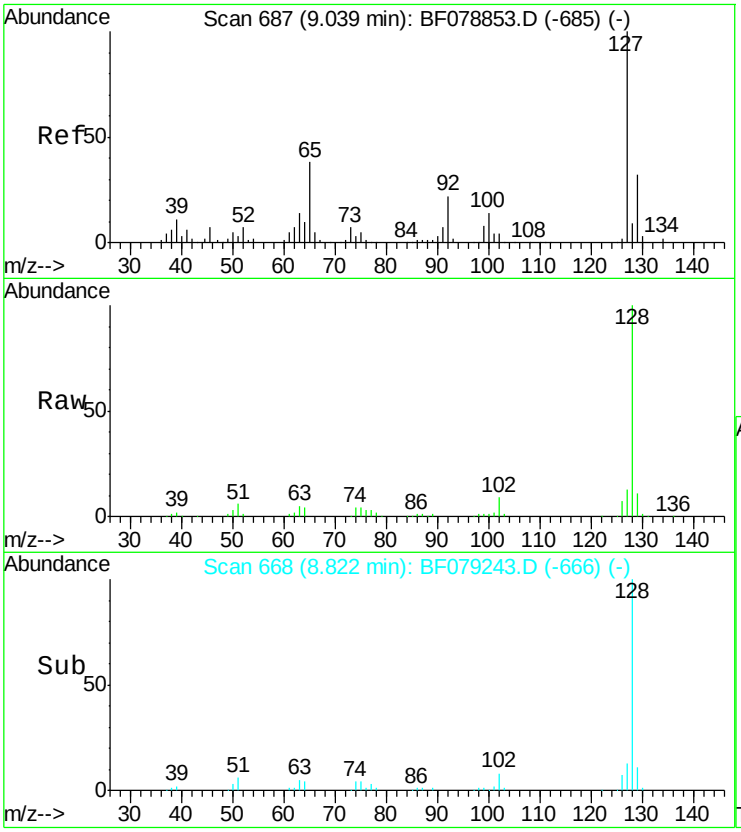


#31
Naphthalene
Concen: 18.03 ng
RT: 8.82 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:128 Resp: 169206

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.3	13.9
127	12.7	10.7	16.1



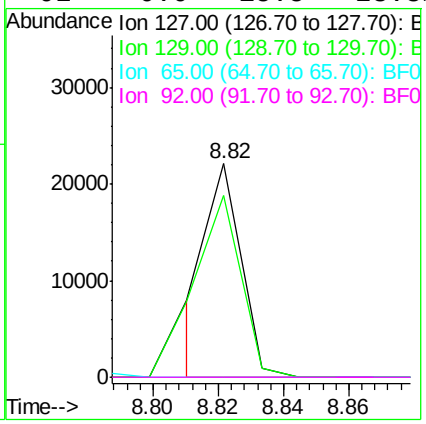


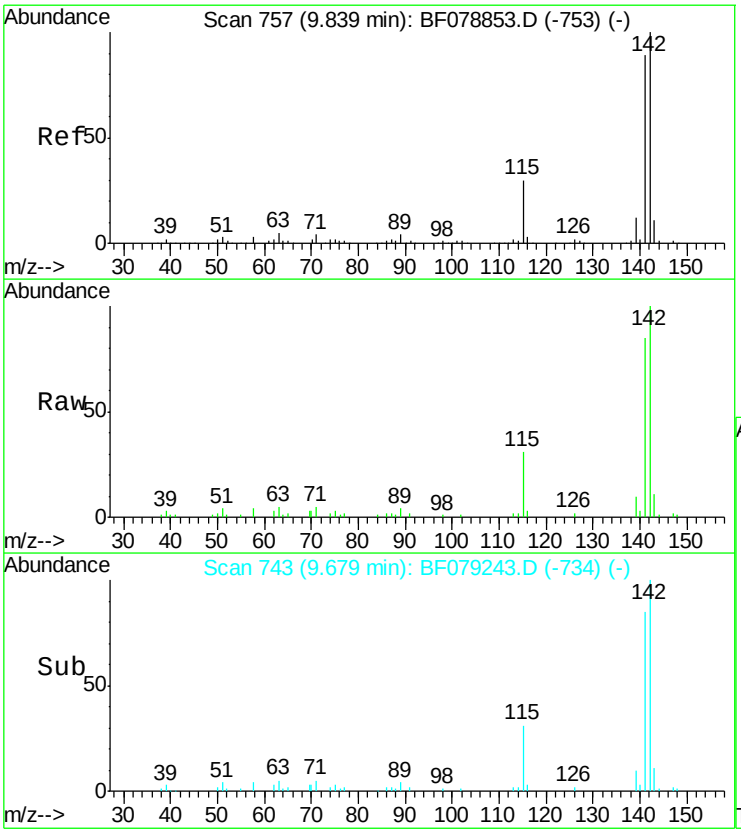
#33
4-Chloroaniline
Concen: 3.98 ng
RT: 8.82 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:127 Resp: 15820

Ion	Ratio	Lower	Upper
127	100		
129	85.2	25.8	38.8#
65	0.0	25.8	38.6#
92	0.0	15.5	23.3#

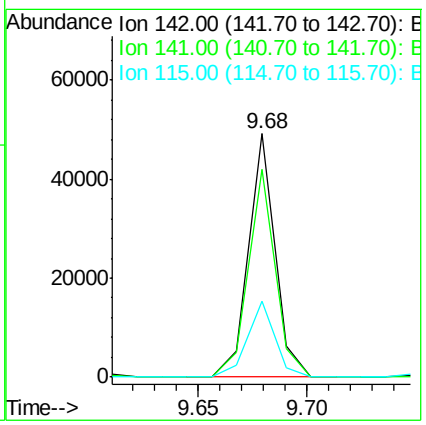


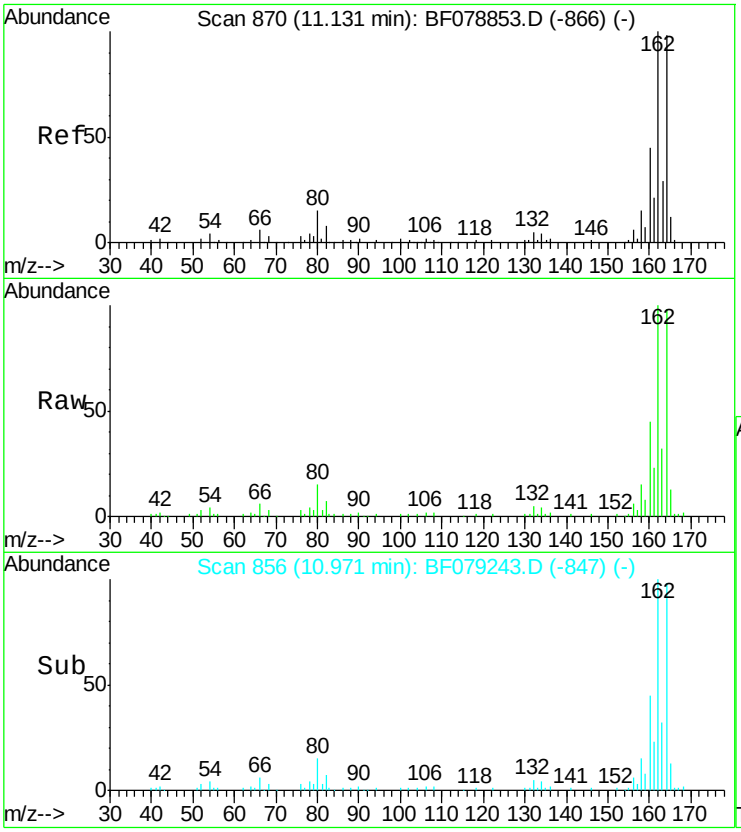


#37
2-Methylnaphthalene
Concen: 6.41 ng
RT: 9.68 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:142 Resp: 41666

Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.9	106.3
115	31.4	28.5	42.7



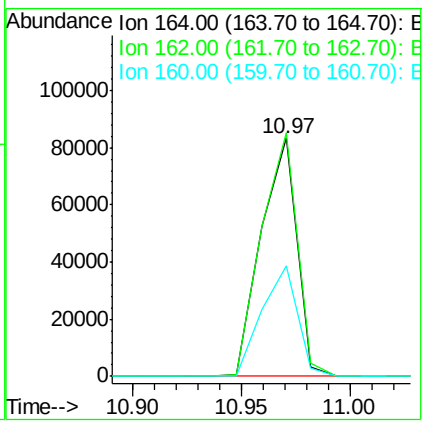


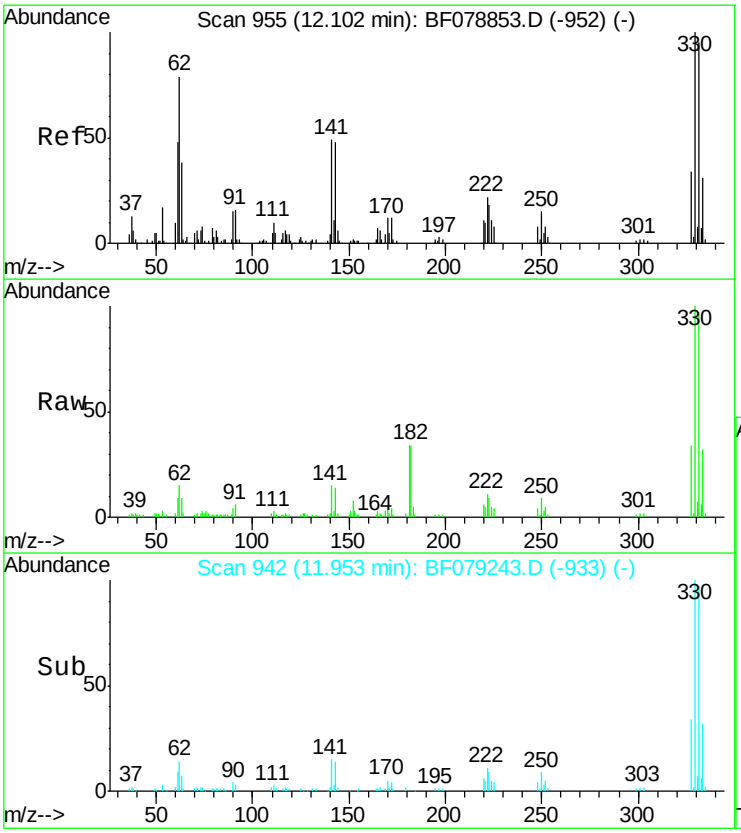
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:164 Resp: 95714

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.7	124.1
160	46.3	35.8	53.8

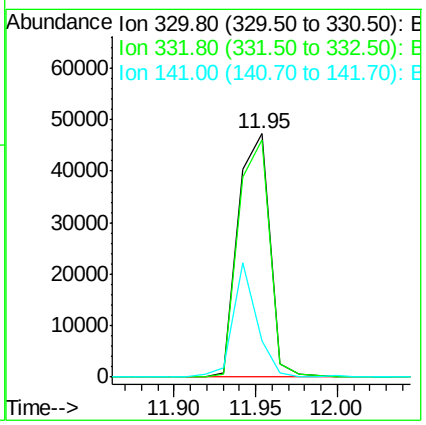


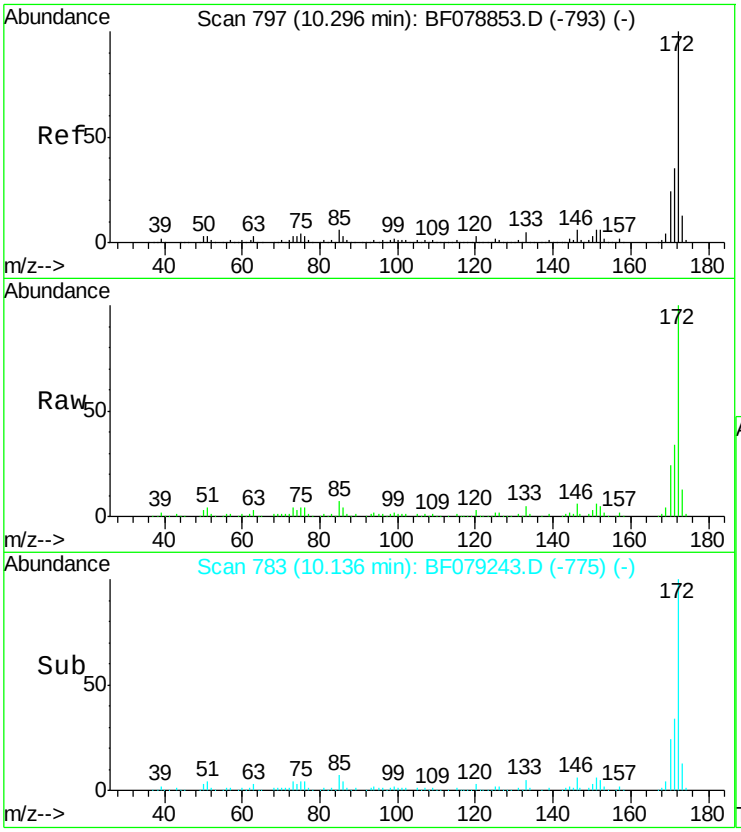


#41
2,4,6-Tribromophenol
Concen: 60.93 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:330 Resp: 63088

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	35.2	0.0	0.0#



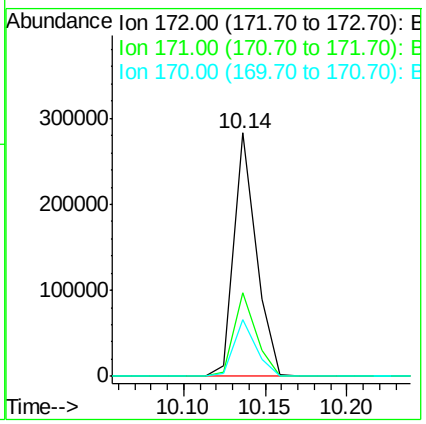


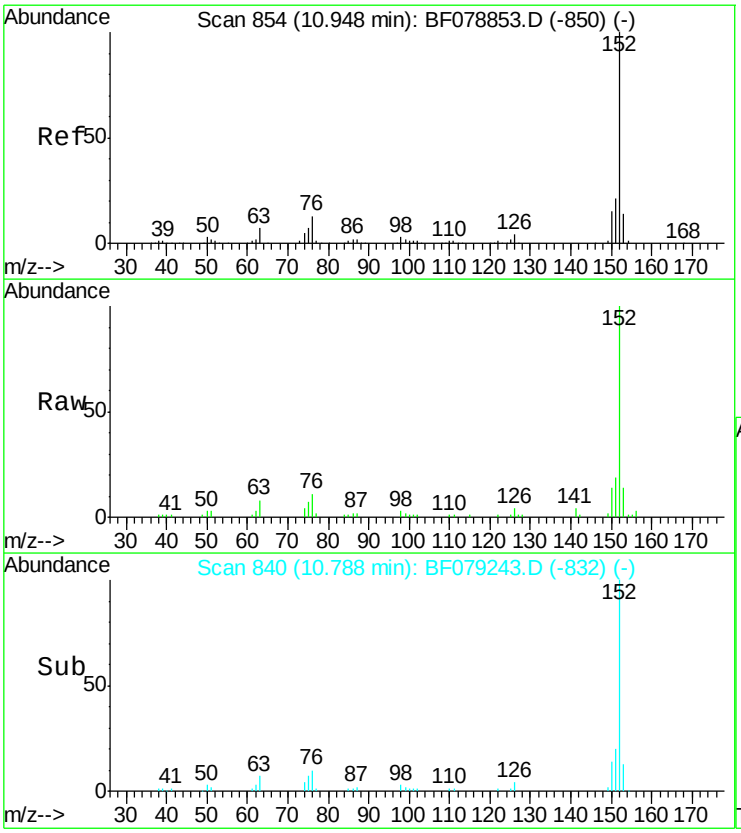
#44
2-Fluorobiphenyl
Concen: 38.72 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:172 Resp: 266026

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	23.6	19.4	29.0

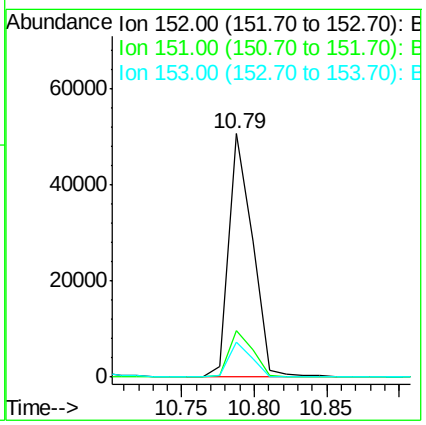


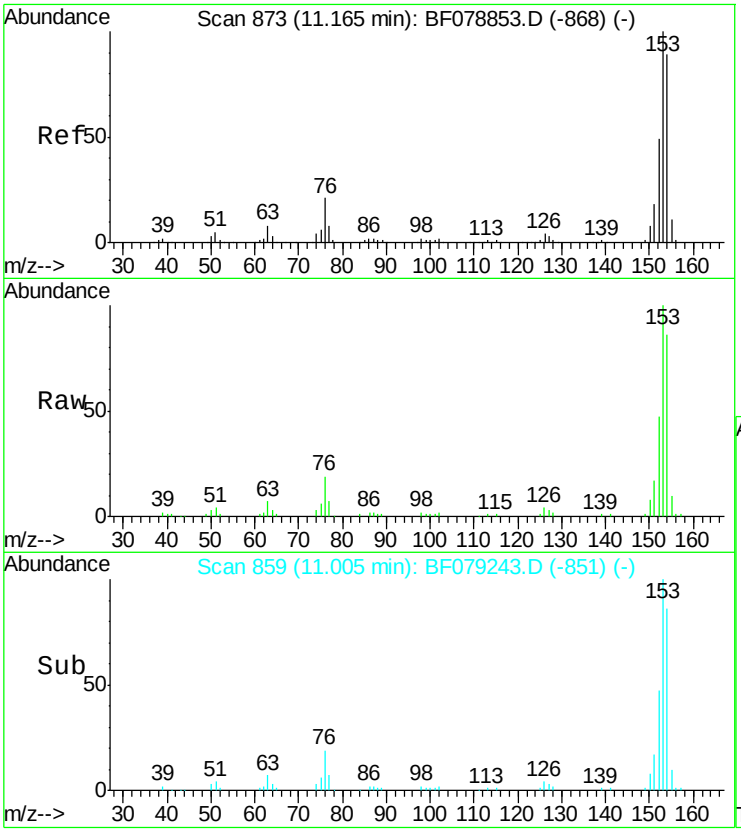


#48
Acenaphthylene
Concen: 5.89 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:152 Resp: 57388

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4
153	14.1	10.9	16.3



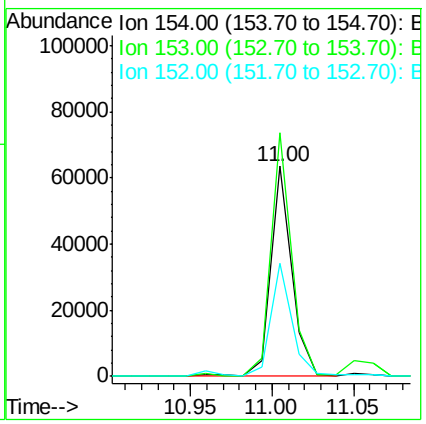


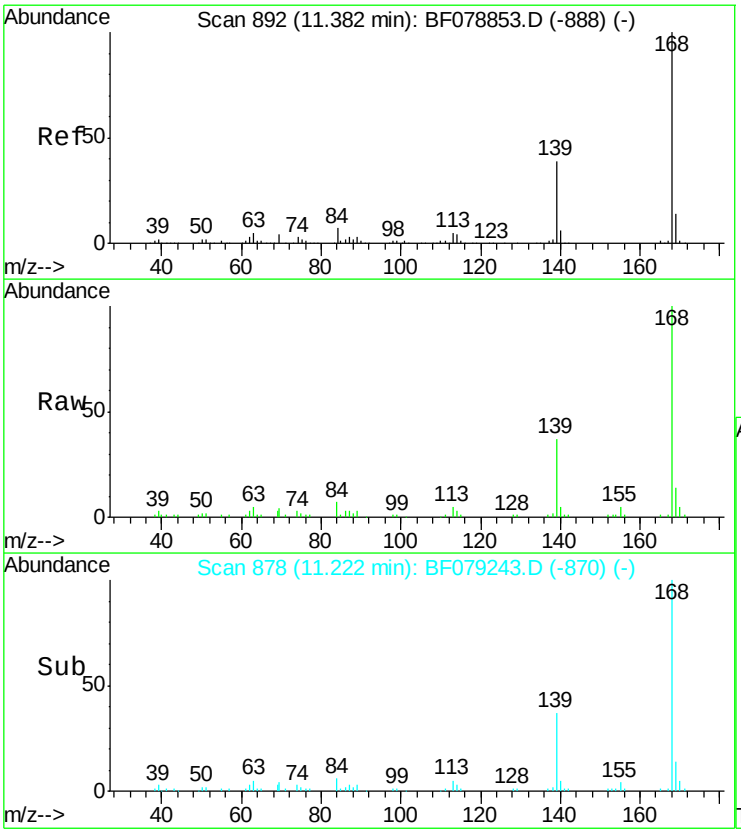
#51
Acenaphthene
Concen: 9.75 ng
RT: 11.00 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:154 Resp: 56634

Ion	Ratio	Lower	Upper
154	100		
153	116.0	91.5	137.3
152	54.1	44.2	66.4

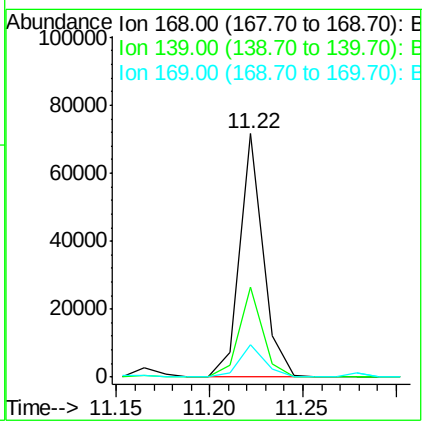


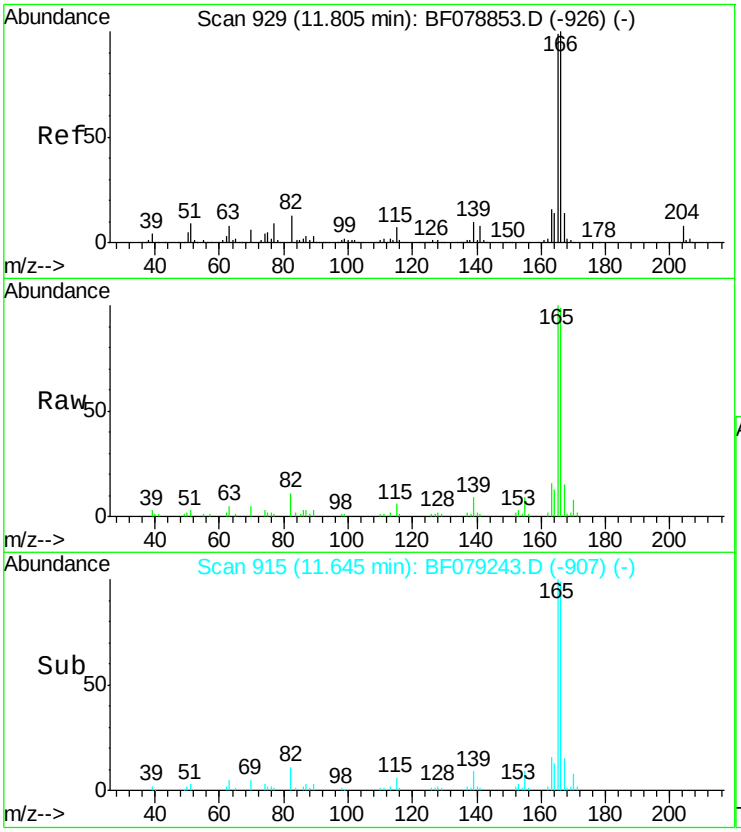


#54
Dibenzofuran
Concen: 7.48 ng
RT: 11.22 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:168 Resp: 62807

Ion	Ratio	Lower	Upper
168	100		
139	36.7	31.0	46.4
169	13.5	10.6	16.0



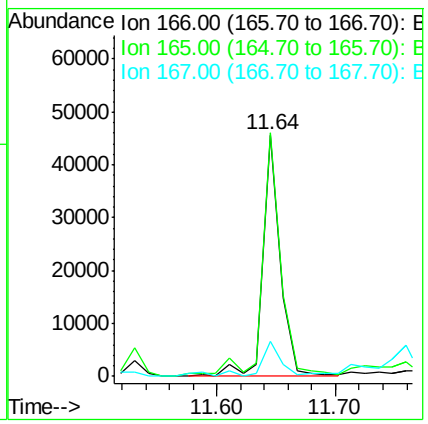


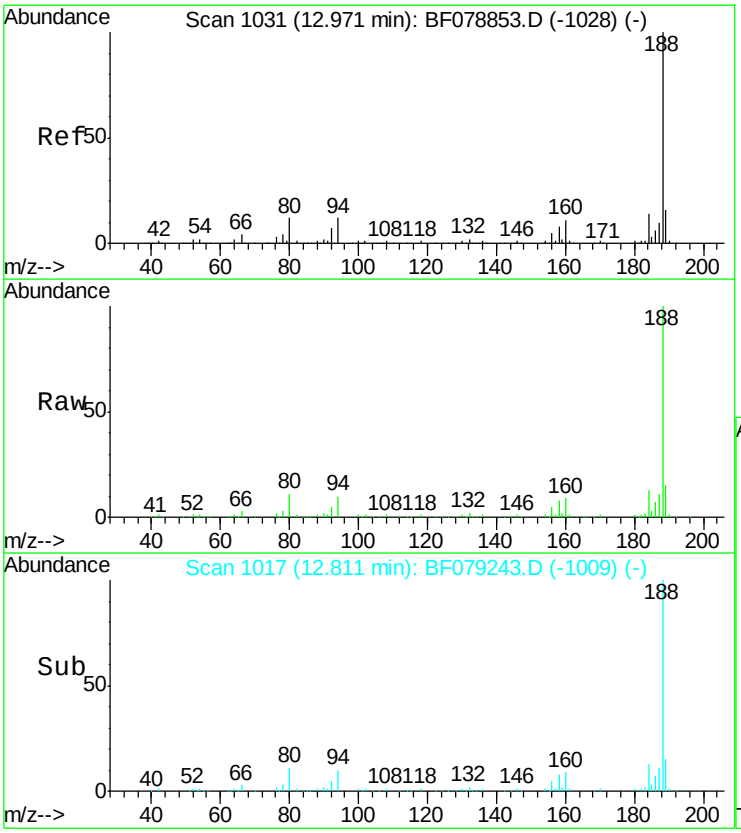
#57
Fluorene
Concen: 6.80 ng
RT: 11.64 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:166 Resp: 46826

Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.5	117.7
167	14.7	11.0	16.6

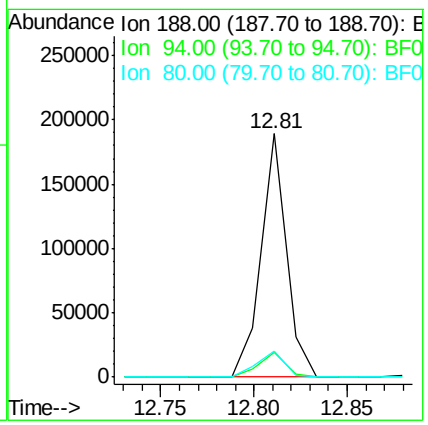


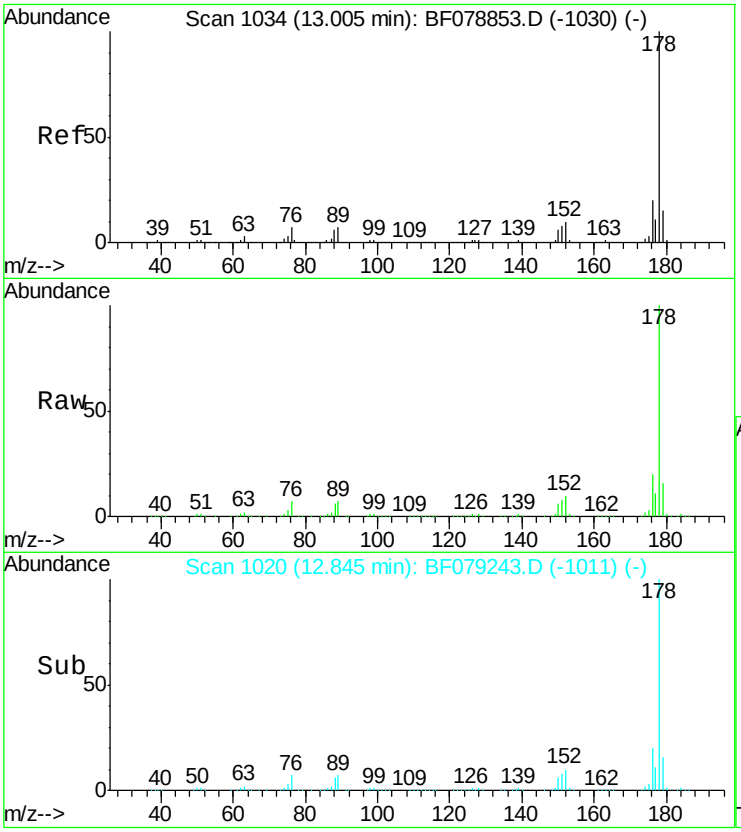


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:188 Resp: 177975

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	10.8	8.9	13.3



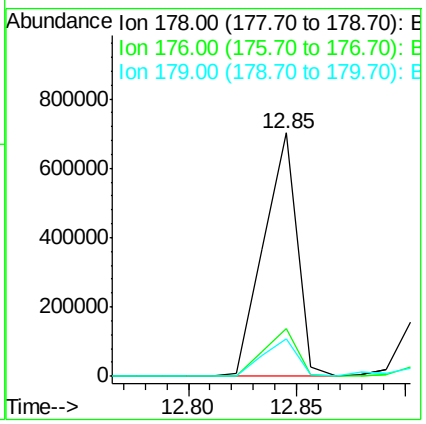


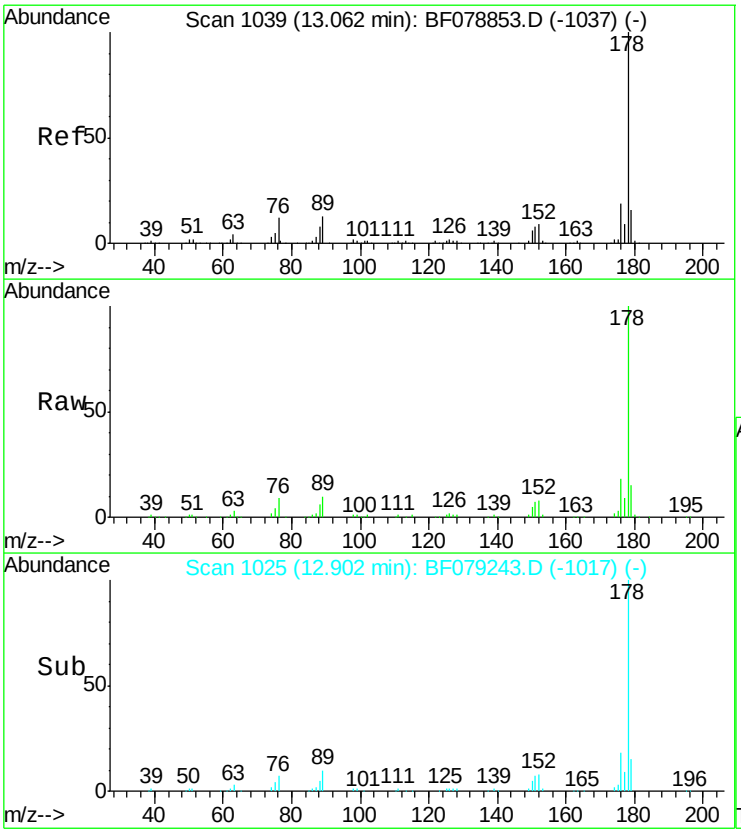
#70
Phenanthrene
Concen: 76.23 ng
RT: 12.85 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:178 Resp: 759043

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	12.5	18.7

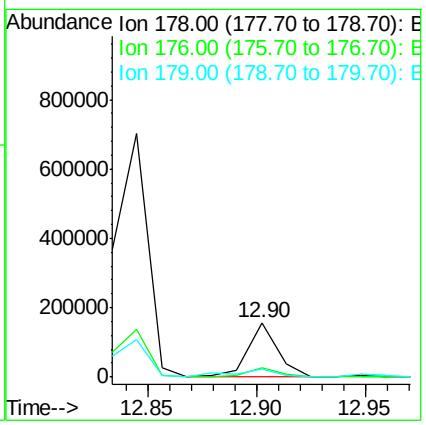


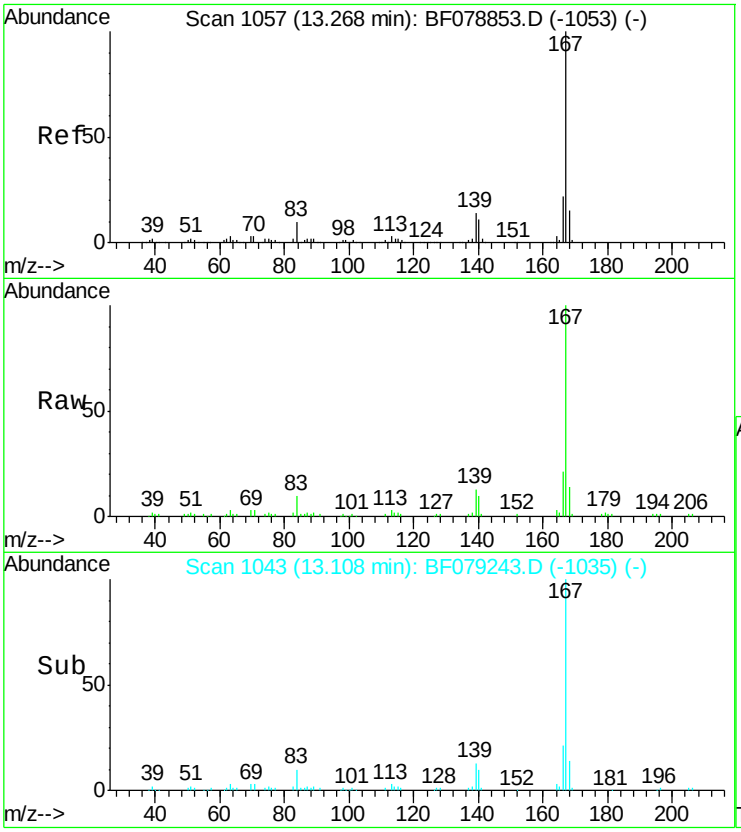


#71
Anthracene
Concen: 14.96 ng
RT: 12.90 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:178 Resp: 146150

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.5	23.3
179	15.5	12.7	19.1



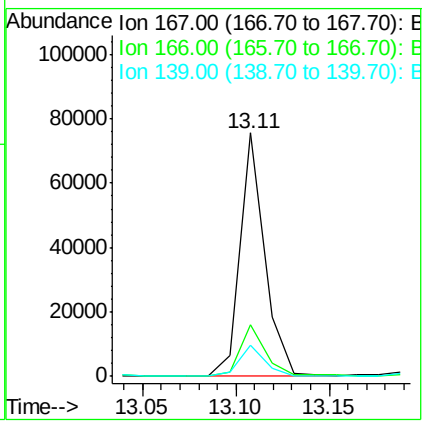


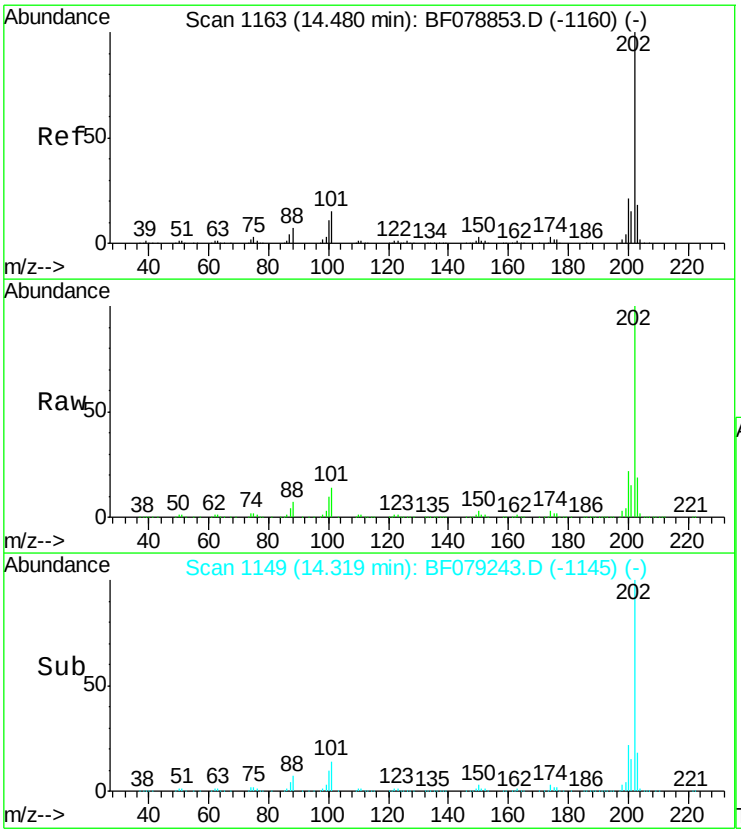
#72
Carbazole
Concen: 7.56 ng
RT: 13.11 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:167 Resp: 70411

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.8	26.8
139	13.0	10.6	16.0

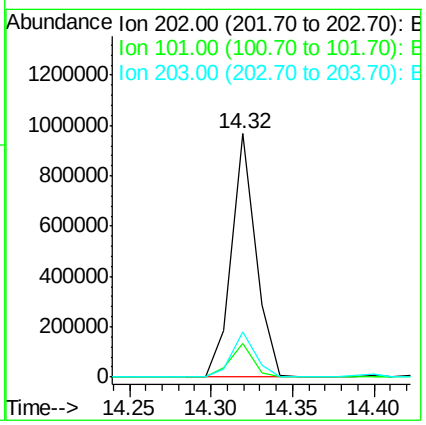


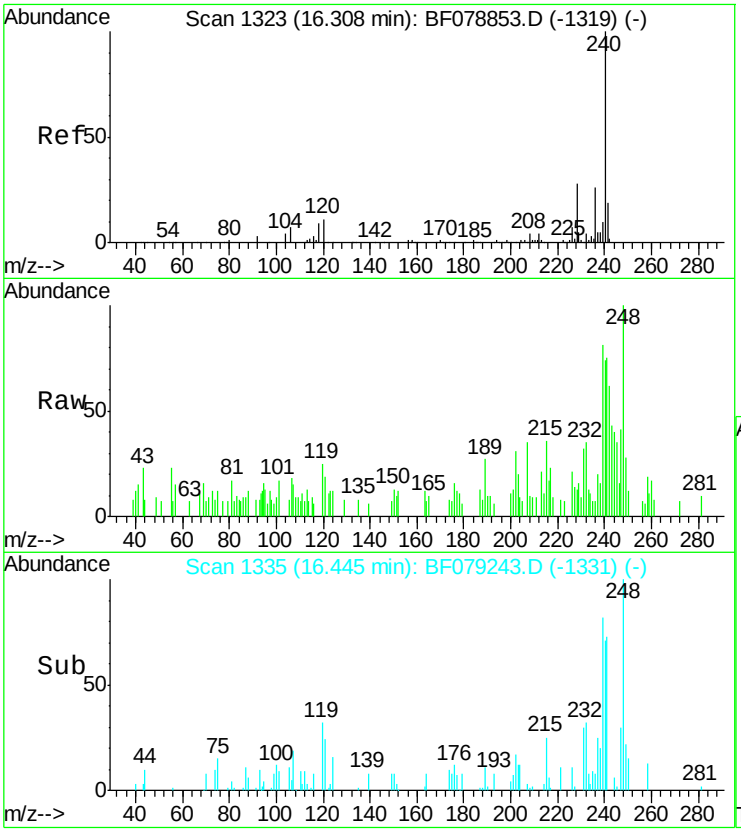


#74
Fluoranthene
Concen: 95.91 ng
RT: 14.32 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:202 Resp: 995035

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.6
203	18.5	0.0	38.4



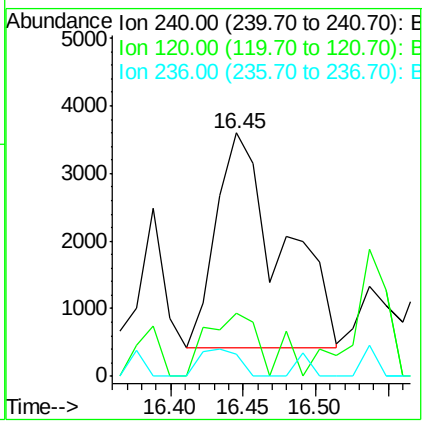


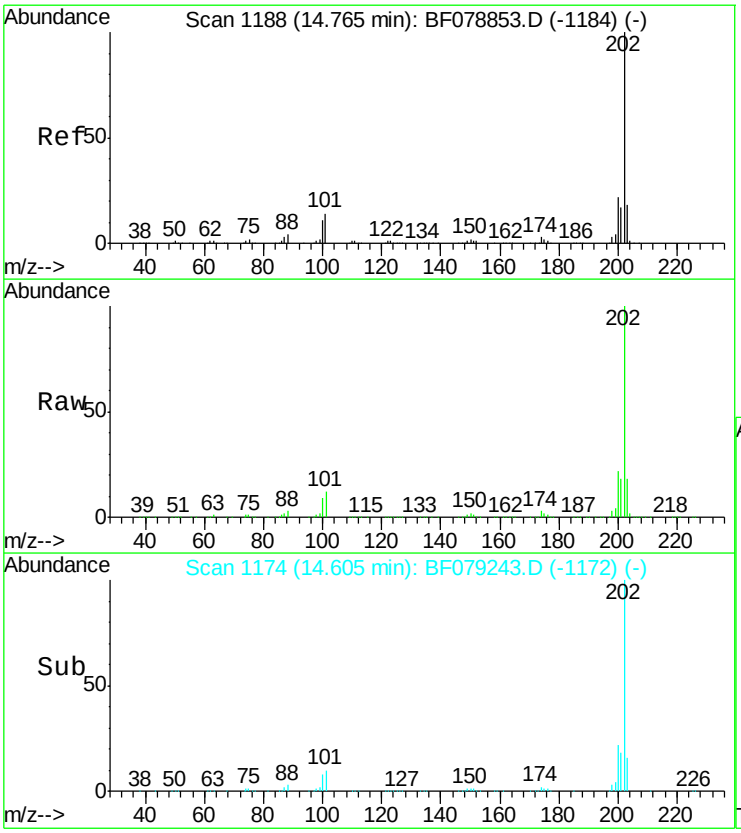
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1335
Delta R.T. -0.06 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:240 Resp: 9769

Ion	Ratio	Lower	Upper
240	100		
120	25.7	9.7	14.5#
236	9.1	20.2	30.4#

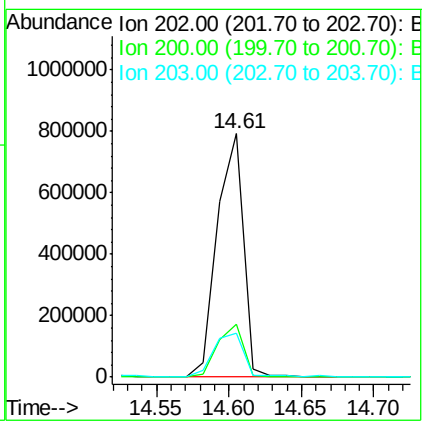


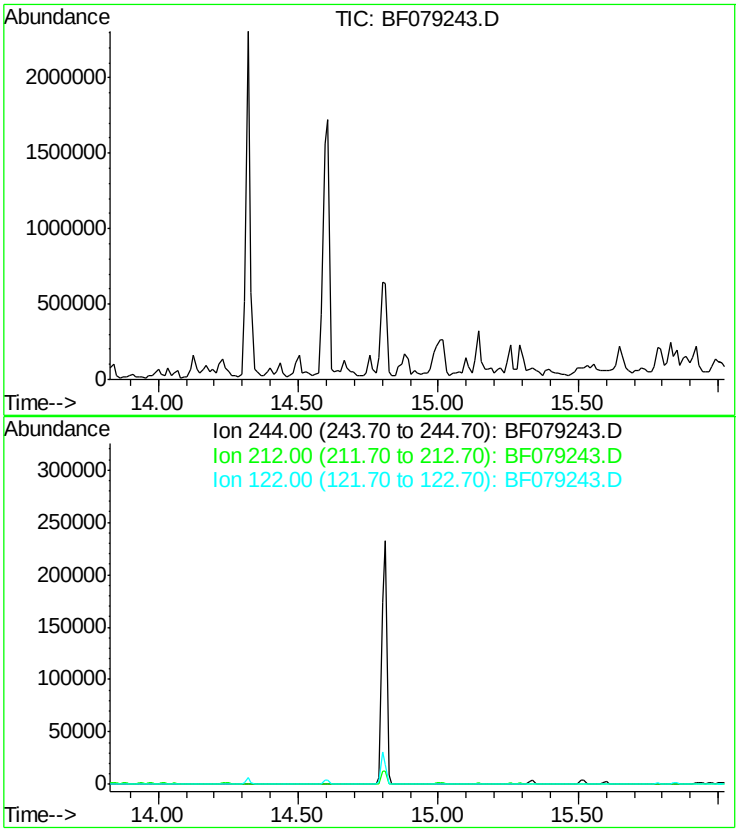


#77
Pyrene
Concen: 1752.54 ng
RT: 14.61 min Scan# 1174
Delta R.T. -0.08 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:202 Resp: 986564

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	17.9	13.9	20.9





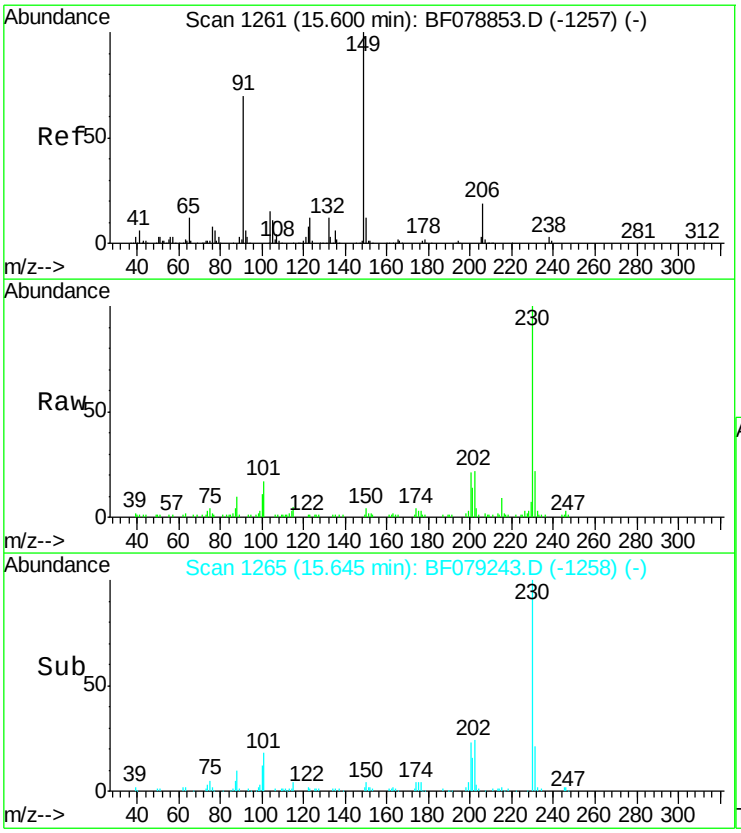
#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.93 min

Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	12.9

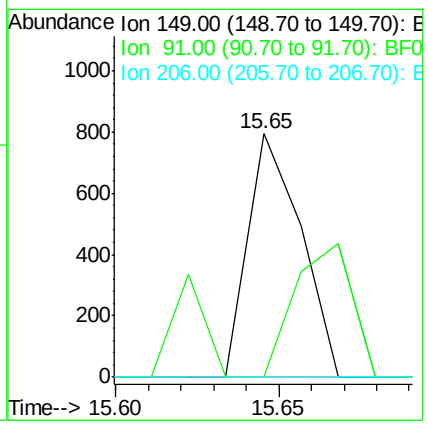
Instrument :
BNA_F
ClientSampleId :
SB-12

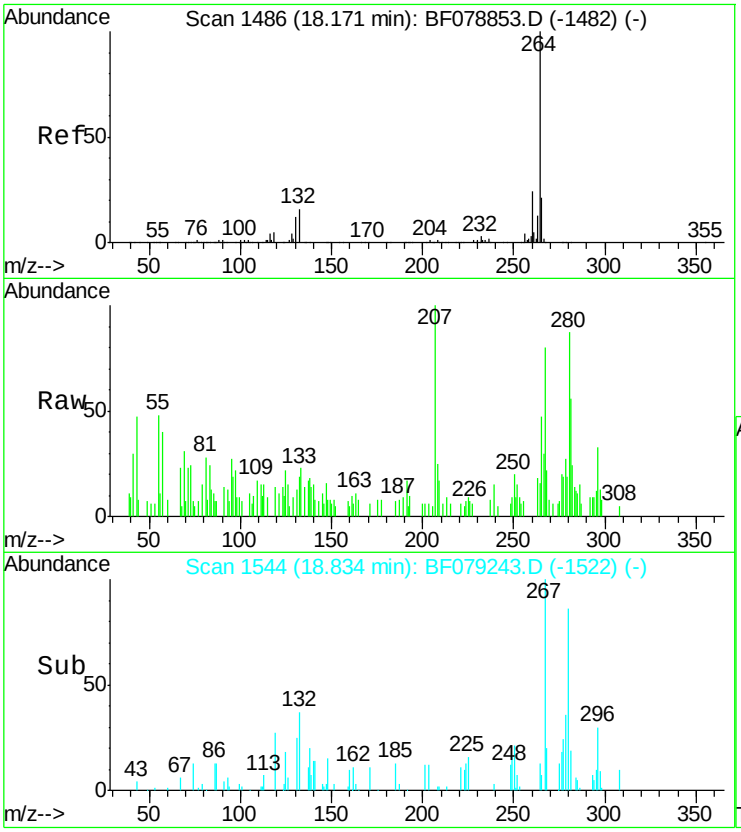


#79
Butylbenzylphthalate
Concen: 3.59 ng
RT: 15.65 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:149 Resp: 884

Ion	Ratio	Lower	Upper
149	100		
91	0.0	64.6	97.0#
206	0.0	12.2	18.4#



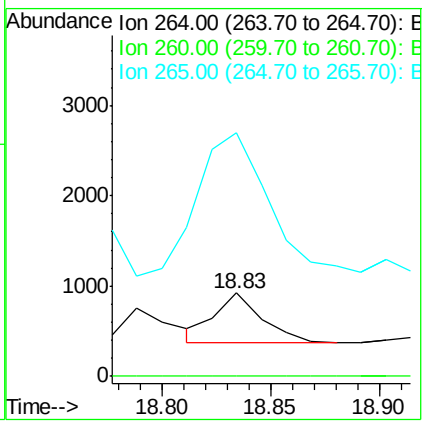


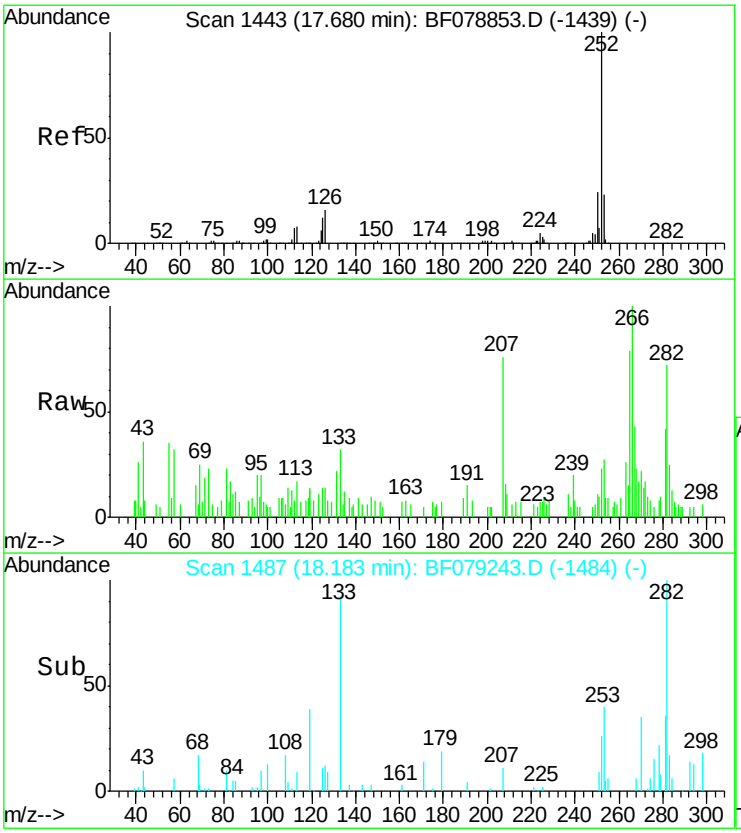
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.83 min Scan# 1544
Delta R.T. -0.05 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:264 Resp: 841

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.4	29.2#
265	291.8	18.3	27.5#

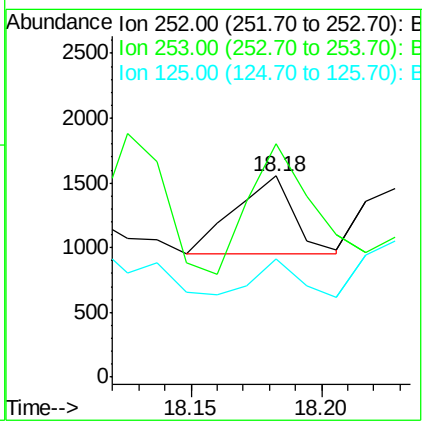


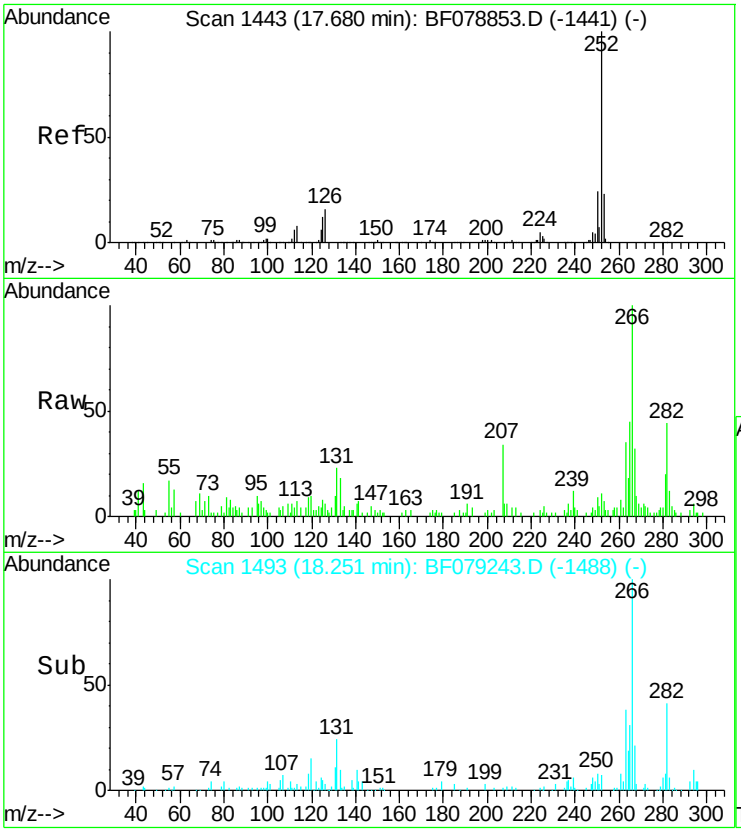


#87
Benzo(b)fluoranthene
Concen: 20.62 ng
RT: 18.18 min Scan# 1487
Delta R.T. -0.07 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:252 Resp: 949

Ion	Ratio	Lower	Upper
252	100		
253	116.3	17.7	26.5#
125	59.1	9.5	14.3#



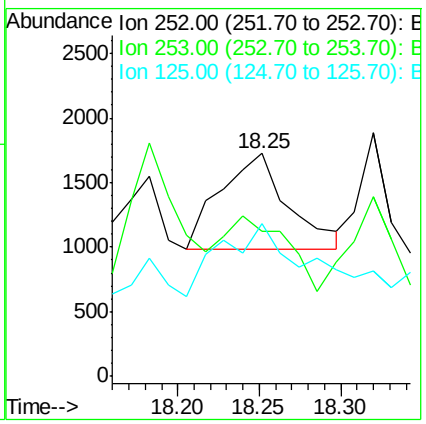


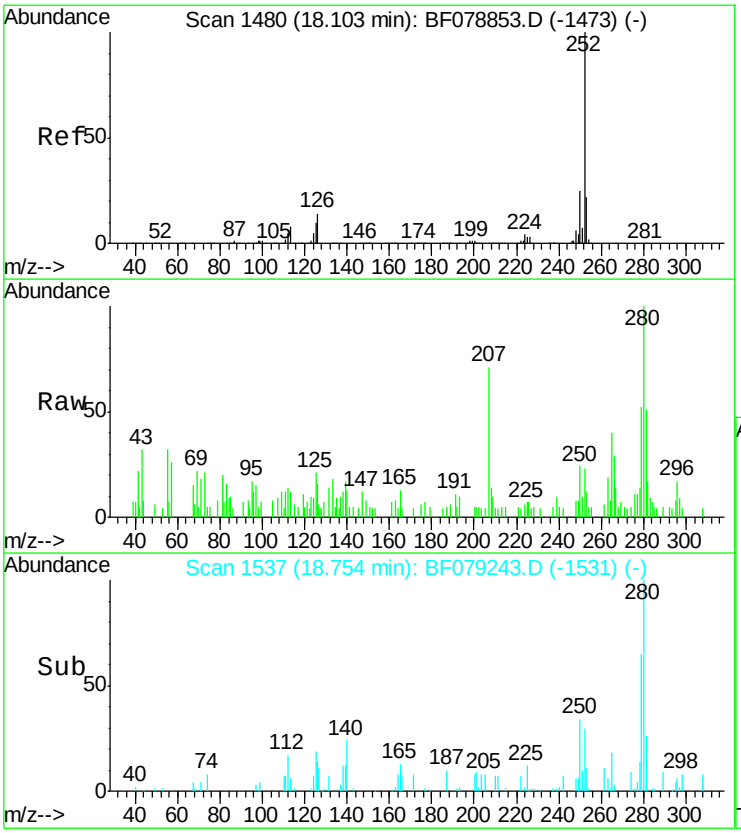
#88
Benzo(k)fluoranthene
Concen: 48.61 ng
RT: 18.25 min Scan# 1493
Delta R.T. -0.05 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:252 Resp: 2166

Ion	Ratio	Lower	Upper
252	100		
253	65.2	18.1	27.1#
125	68.4	10.0	15.0#

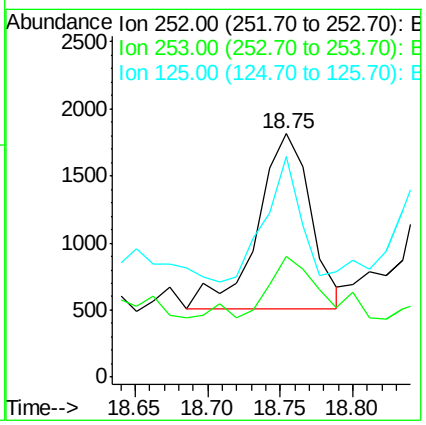


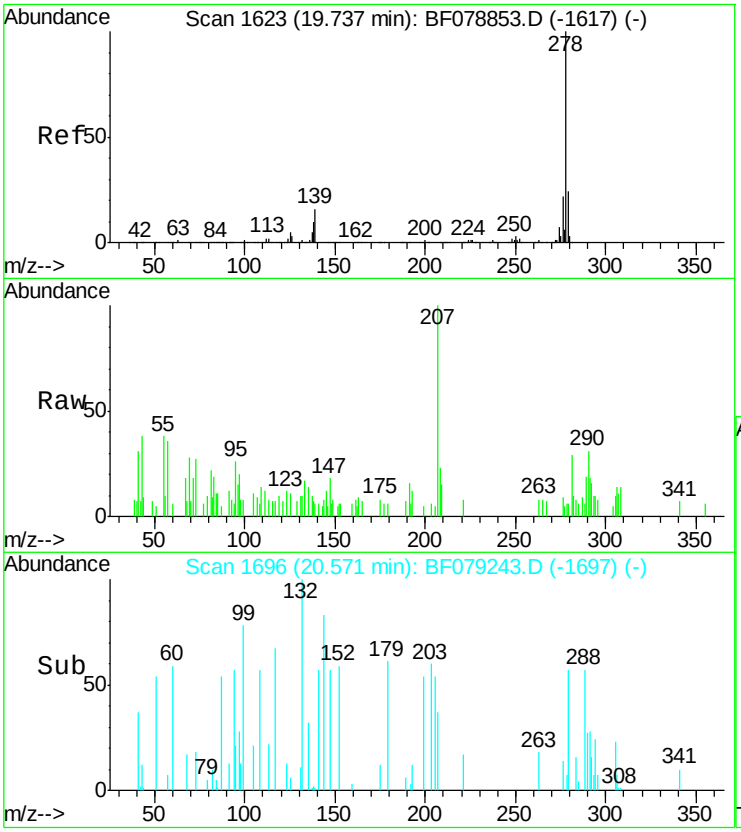


#89
Benzo(a)pyrene
Concen: 79.06 ng
RT: 18.75 min Scan# 1537
Delta R.T. -0.03 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:252 Resp: 3351

Ion	Ratio	Lower	Upper
252	100		
253	49.6	17.3	25.9#
125	90.5	7.0	10.6#



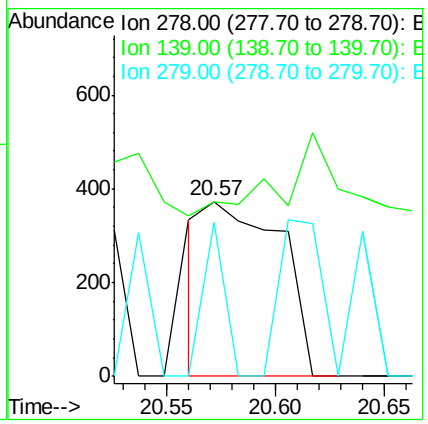


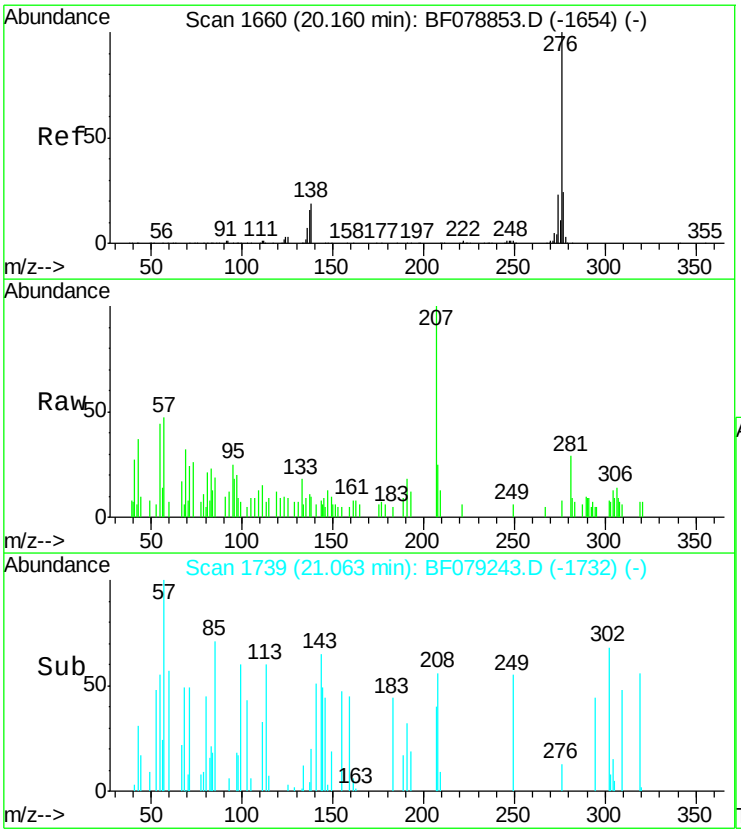
#90
Dibenzo(a,h)anthracene
Concen: 20.16 ng
RT: 20.57 min Scan# 1696
Delta R.T. -0.11 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-12

Tgt Ion:278 Resp: 908

Ion	Ratio	Lower	Upper
278	100		
139	100.0	12.8	19.2#
279	88.4	19.6	29.4#





#91
Benzo(g,h,i)perylene
Concen: 3.85 ng
RT: 21.06 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:276 Resp: 174

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	125.0	17.4	26.0#