Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078532.D
Acq On : 15 Apr 2015 9:10
Operator : TP/IZ
Sample : G1823-07DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4DL

Quant Time: Apr 15 08:50:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	25311	20.00	ng		0.00
21) Naphthalene-d8	8.38	136	112209	20.00	ng		-0.01
38) Acenaphthene-d10	10.54	164	59871	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	128200	20.00	ng		0.00
75) Chrysene-d12	15.62	240	145410	20.00	ng		-0.03
86) Perylene-d12	17.34	264	147142	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	12448	8.11	ng		0.01
7) Phenol-d6	6.41	99	17110	8.89	ng		0.00
23) Nitrobenzene-d5	7.51	82	9291	5.02	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	3682	7.42	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	23595	5.63	ng		0.00
78) Terphenyl-d14	14.35	244	31953	4.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	57043	82.17	ng	#	25
51) Acenaphthene	10.58	154	13635	3.89	ng		96
55) 4-Nitrophenol	10.80	139	3128	6.66	ng	#	18
57) Fluorene	11.21	166	10914	2.52	ng		98
70) Phenanthrene	12.39	178	178087	24.01	ng		99
71) Anthracene	12.46	178	45052	6.17	ng		100
72) Carbazole	12.67	167	17888	2.61	ng		98
74) Fluoranthene	13.86	202	339212	43.37	ng		89
77) Pyrene	14.13	202	322584	35.34	ng	#	90
80) Benzo(a)anthracene	15.61	228	206663	23.89	ng		99
82) Chrysene	15.66	228	155155	19.09	ng		97
87) Benzo(b)fluoranthene	16.90	252	212412	23.36	ng	#	96
88) Benzo(k)fluoranthene	16.90	252	296882	36.74	ng	#	96
89) Benzo(a)pyrene	17.27	252	148823	18.75	ng	#	92

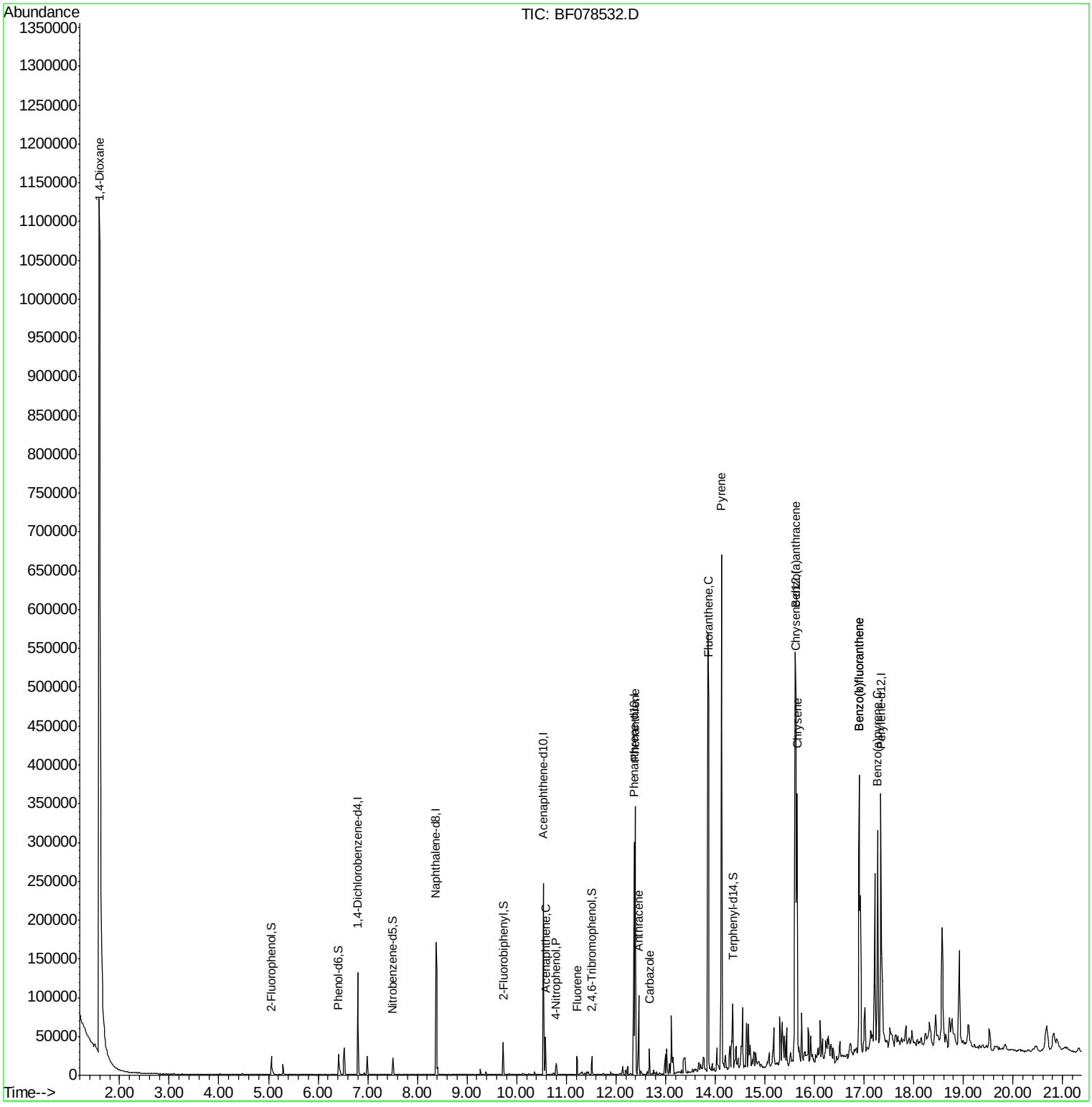
(#) = qualifier out of range (m) = manual integration (+) = signals summed

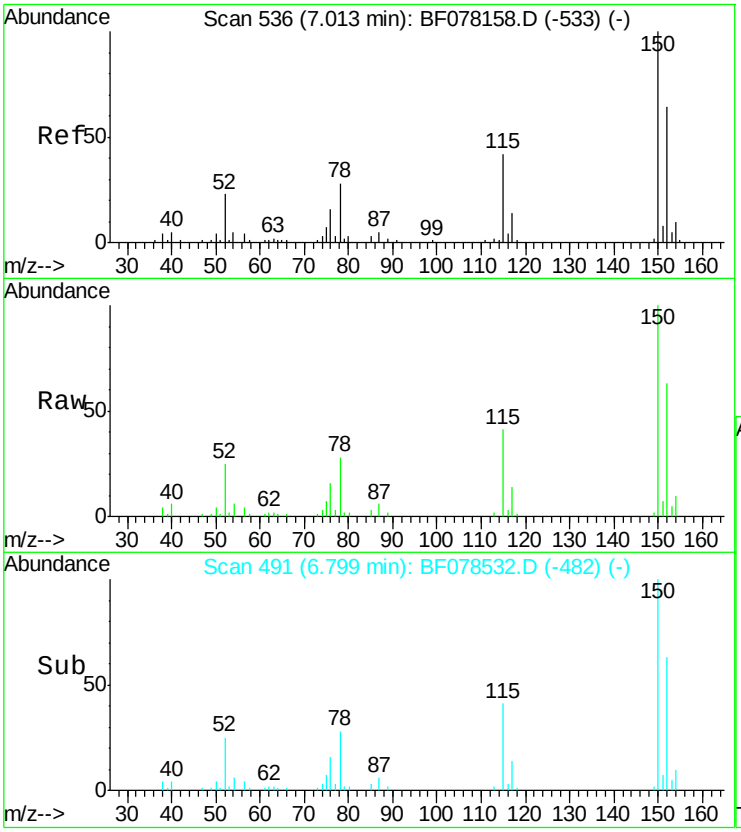
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078532.D
Acq On : 15 Apr 2015 9:10
Operator : TP/IZ
Sample : G1823-07DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Quant Time: Apr 15 08:50:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration



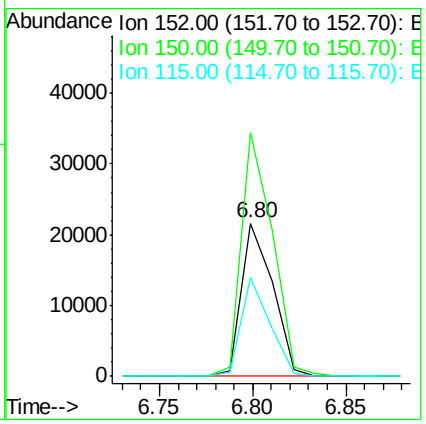


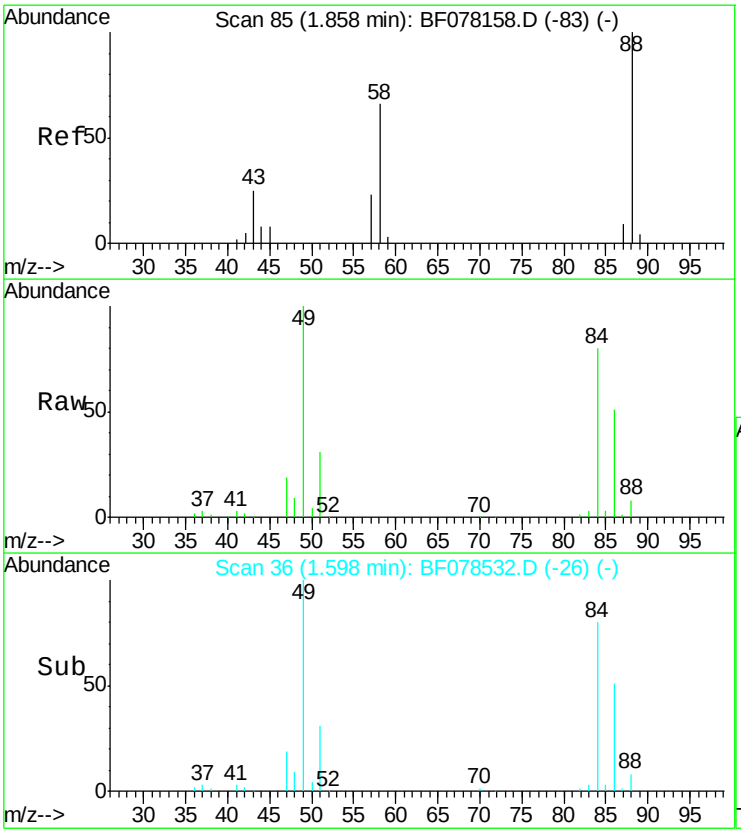
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:152 Resp: 25311

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.9	188.9
115	64.6	52.7	79.1

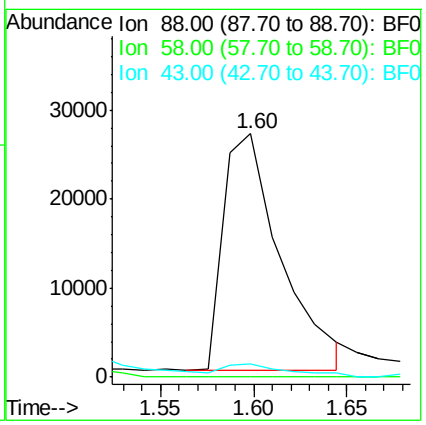


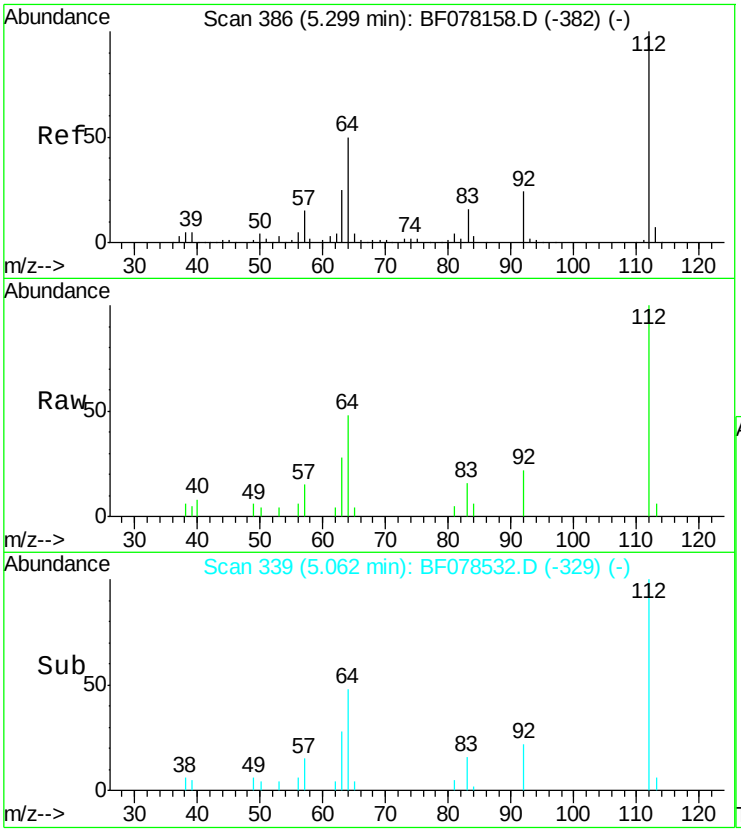


#2
1,4-Dioxane
Concen: 82.17 ng
RT: 1.60 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion: 88 Resp: 57043

Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	3.0	21.4	32.2#



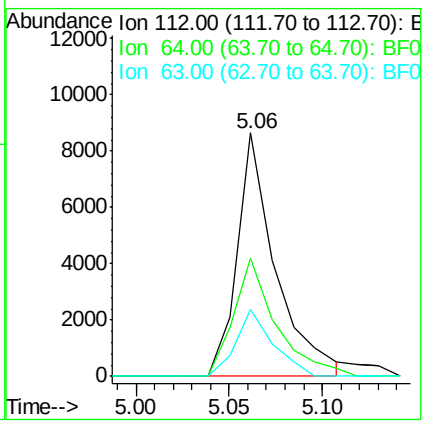


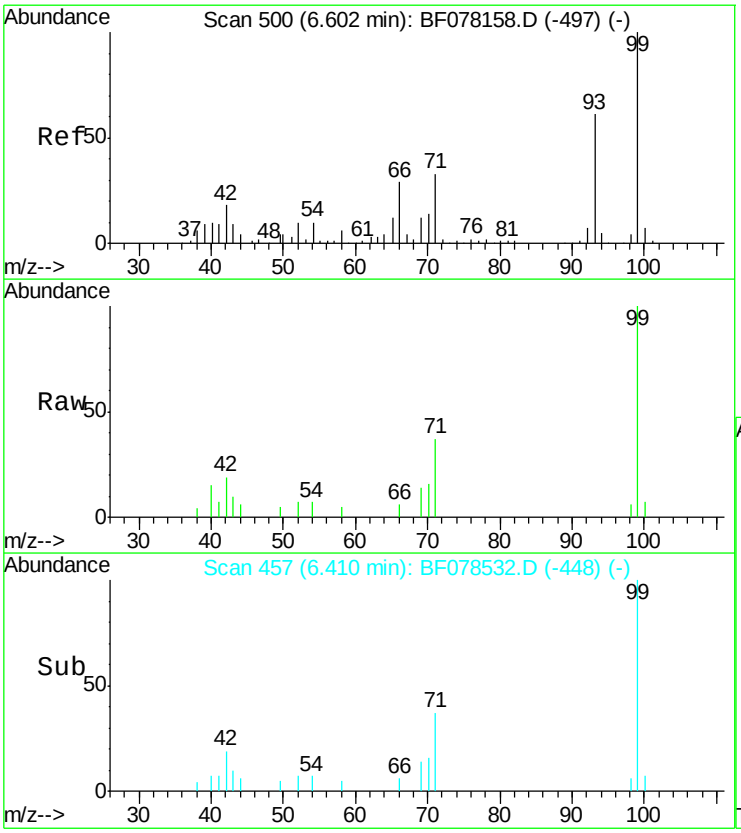
#5
2-Fluorophenol
Concen: 8.11 ng
RT: 5.06 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:112 Resp: 12448

Ion	Ratio	Lower	Upper
112	100		
64	48.5	39.9	59.9
63	27.5	20.2	30.4

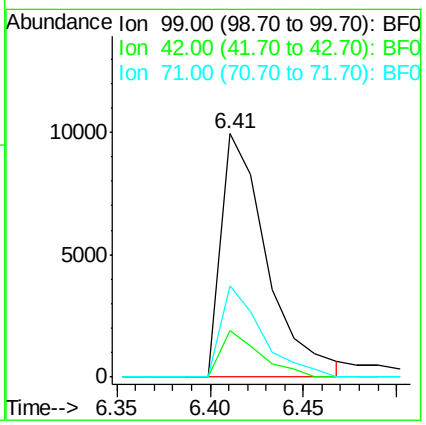


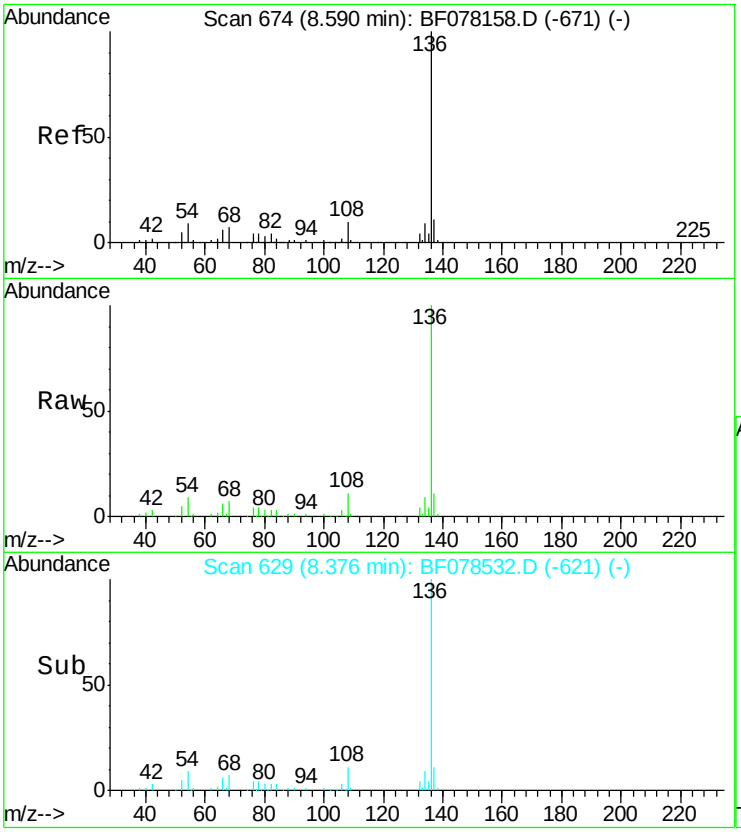


#7
Phenol-d6
Concen: 8.89 ng
RT: 6.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion: 99 Resp: 17110

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.8	22.2
71	37.3	26.6	39.8



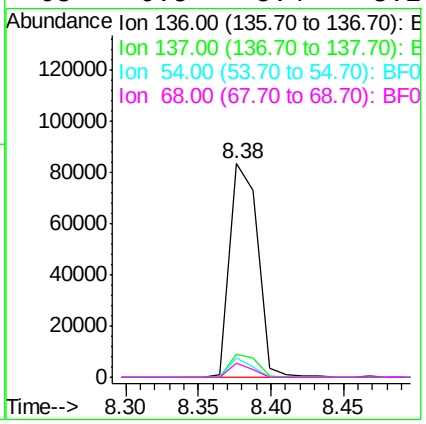


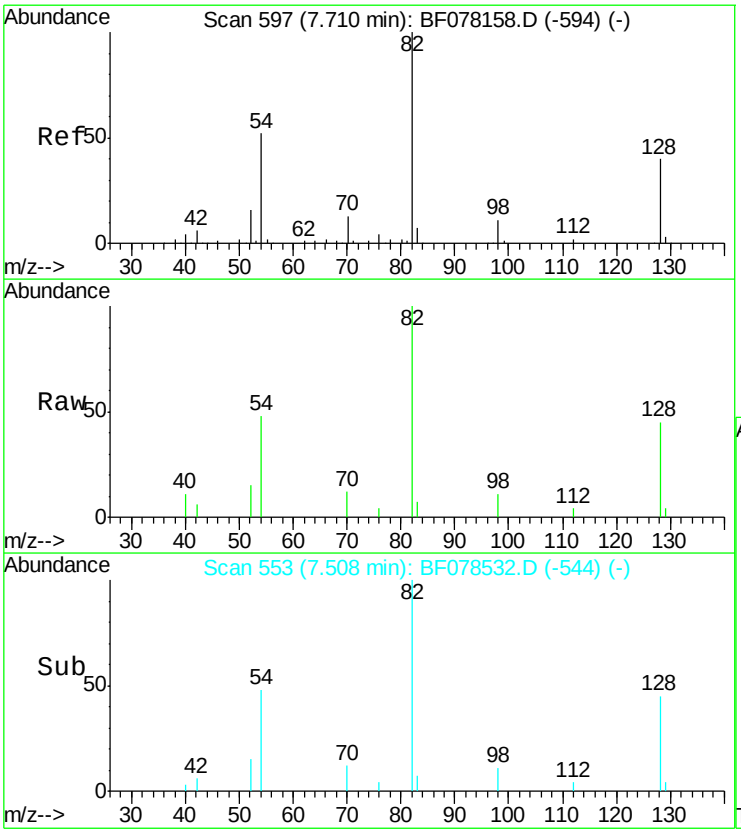
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:136 Resp: 112209

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.0	7.0	10.6
68	6.5	5.4	8.2

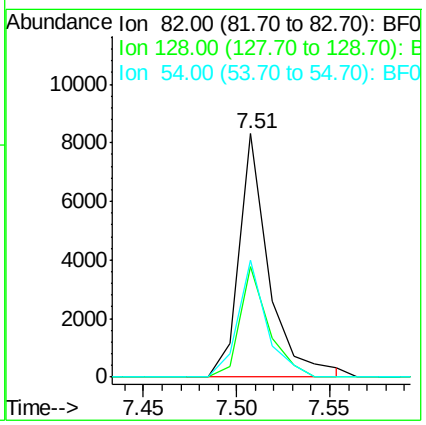


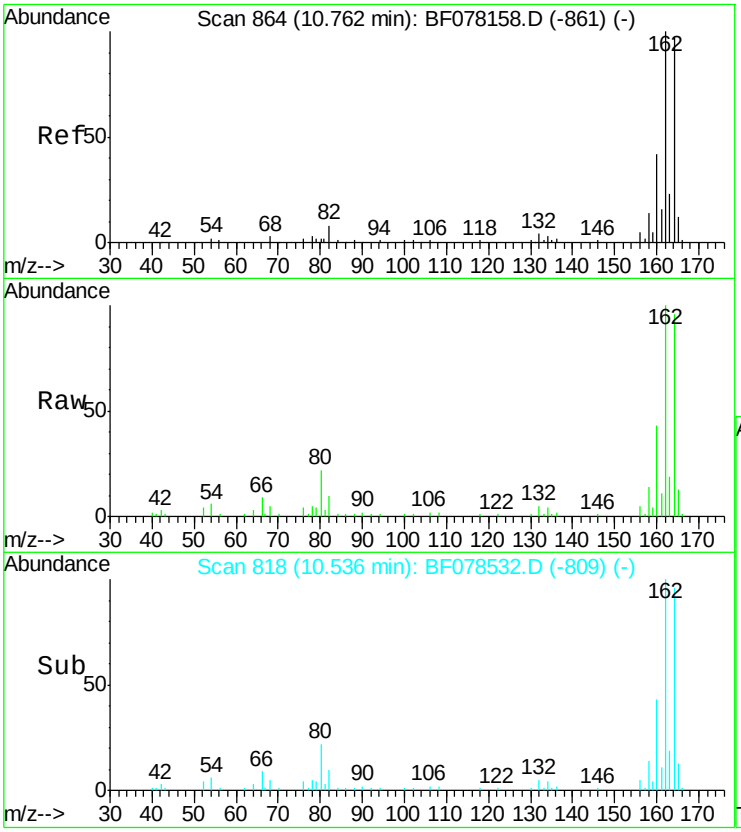


#23
Nitrobenzene-d5
Concen: 5.02 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion: 82 Resp: 9291

Ion	Ratio	Lower	Upper
82	100		
128	45.4	31.8	47.8
54	47.9	41.5	62.3



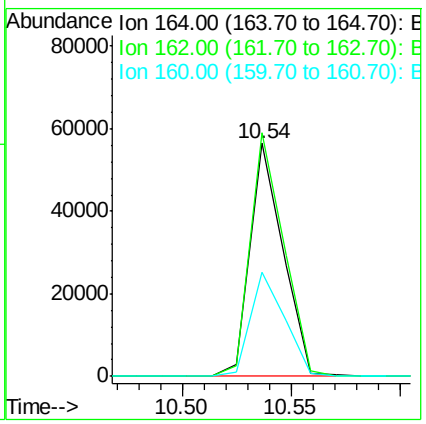


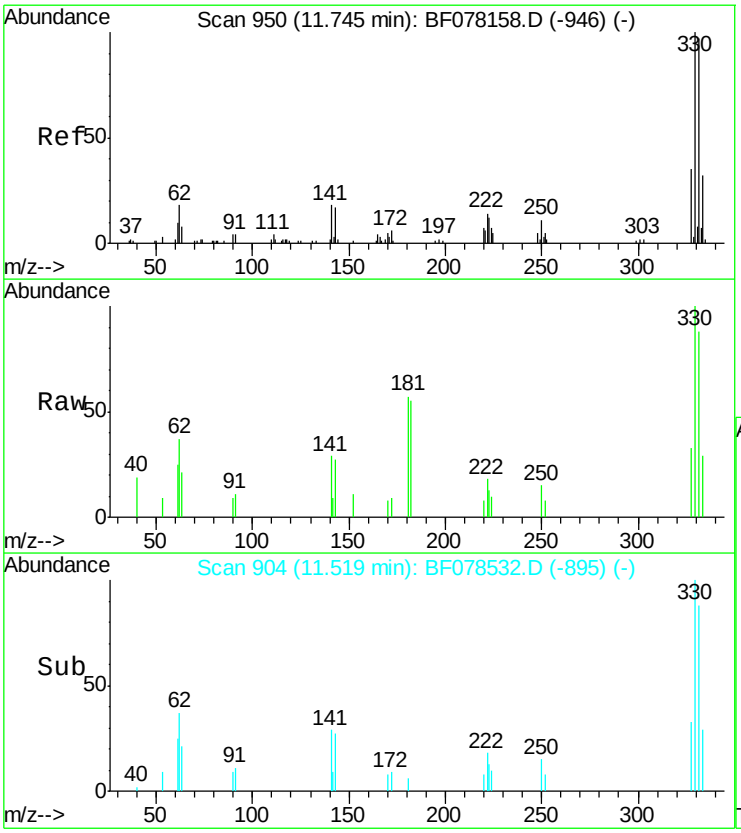
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:164 Resp: 59871

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.2	123.2
160	45.0	34.7	52.1

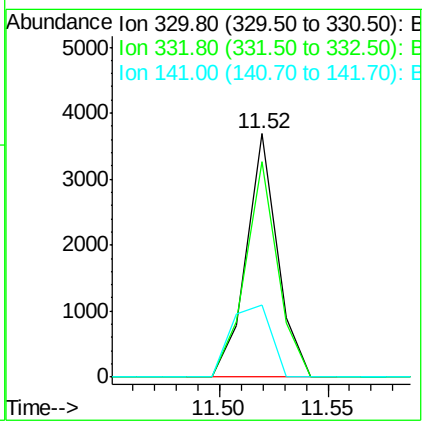


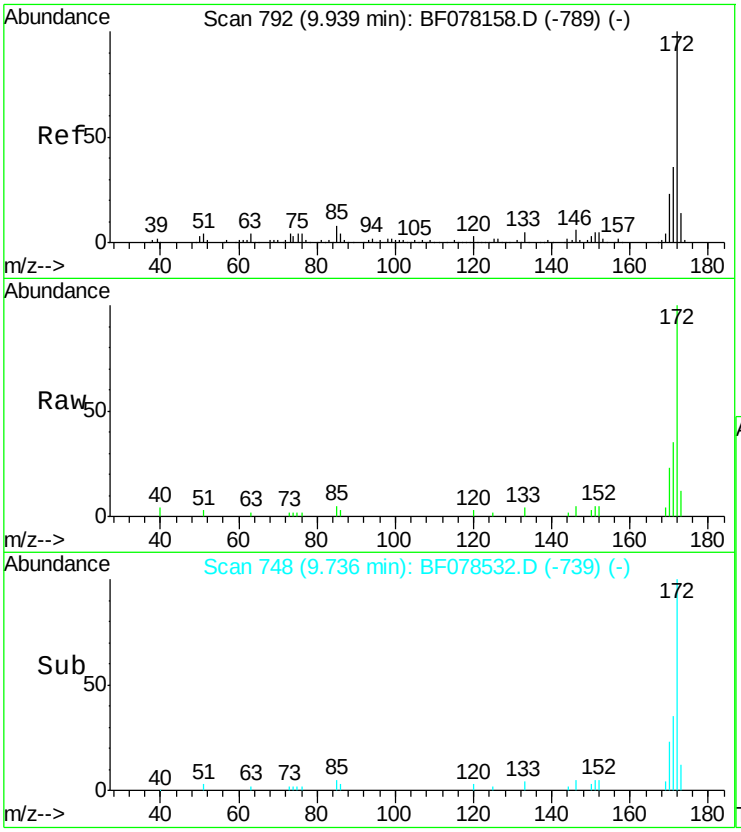


#41
2,4,6-Tribromophenol
Concen: 7.42 ng
RT: 11.52 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion:330 Resp: 3682

Ion	Ratio	Lower	Upper
330	100		
332	91.8	78.6	117.8
141	38.2	31.2	46.8



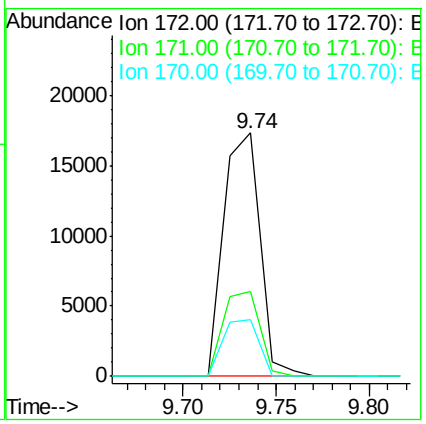


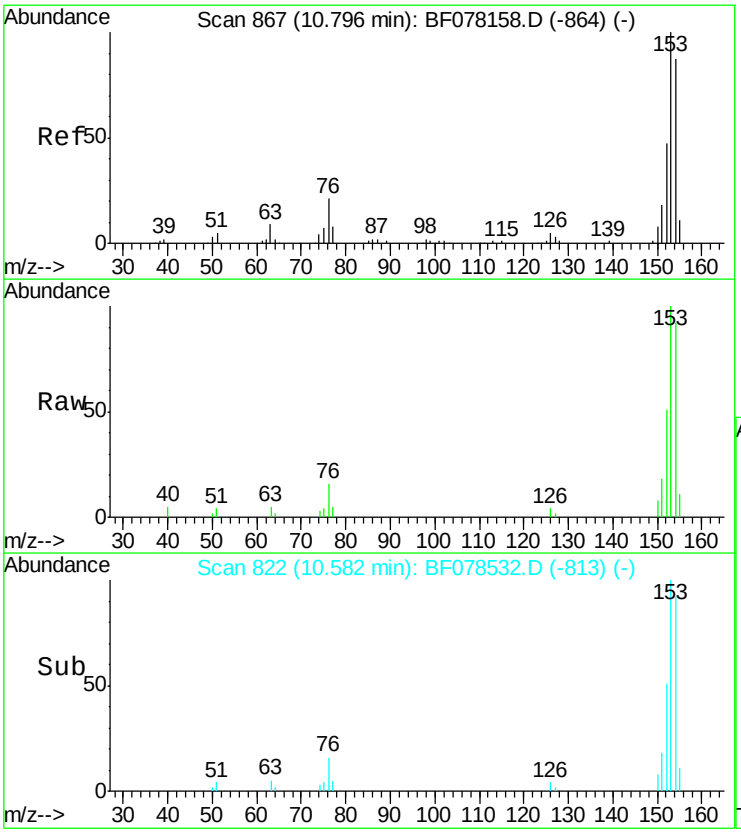
#44
2-Fluorobiphenyl
Concen: 5.63 ng
RT: 9.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:172 Resp: 23595

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.3	18.5	27.7

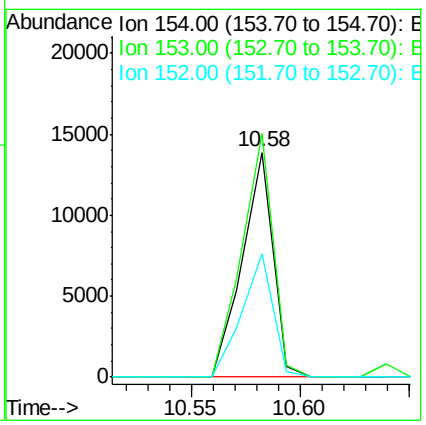


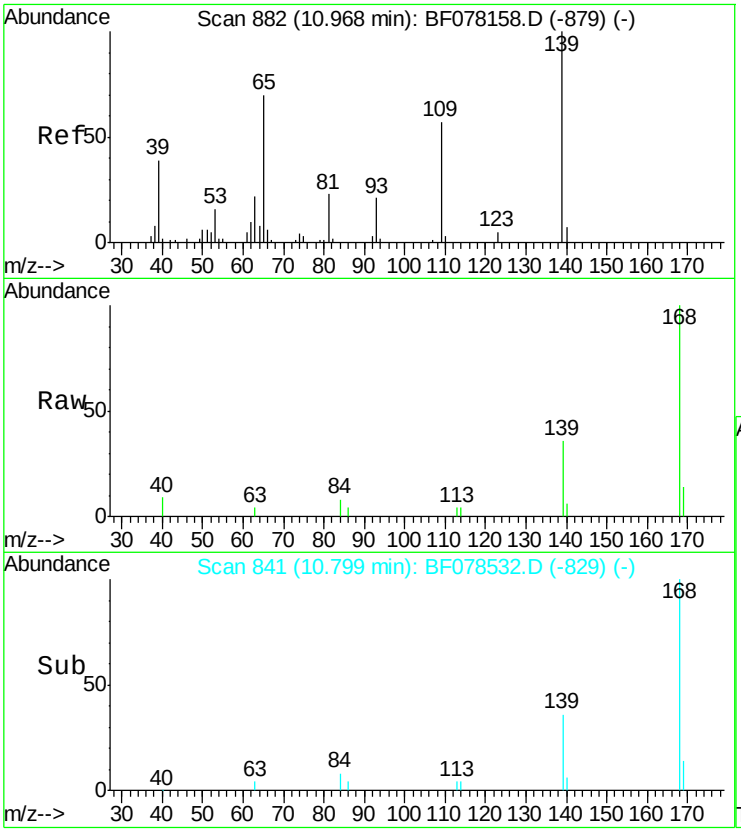


#51
Acenaphthene
Concen: 3.89 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion:154 Resp: 13635

Ion	Ratio	Lower	Upper
154	100		
153	108.4	91.4	137.2
152	54.7	43.0	64.6



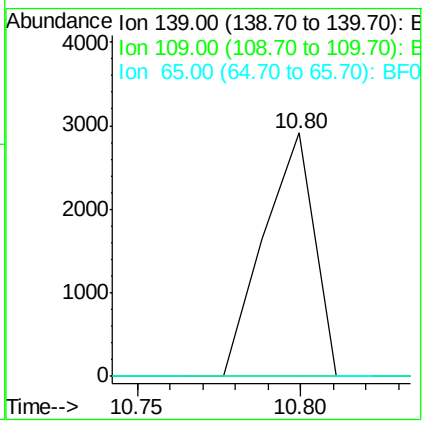


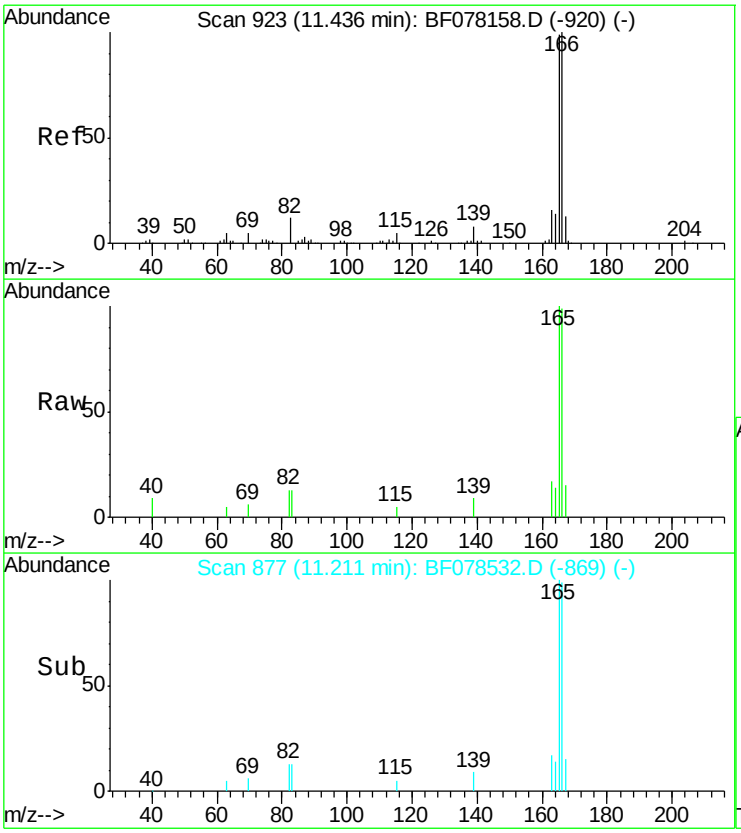
#55
4-Nitrophenol
Concen: 6.66 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.03 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:139 Resp: 3128

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#

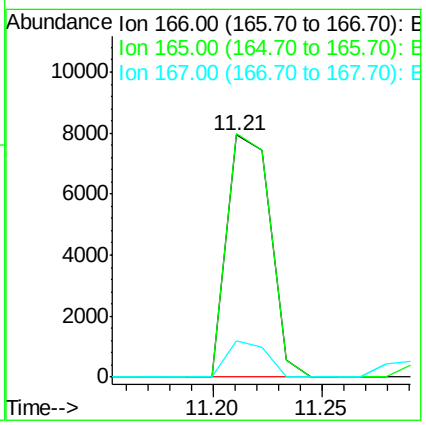


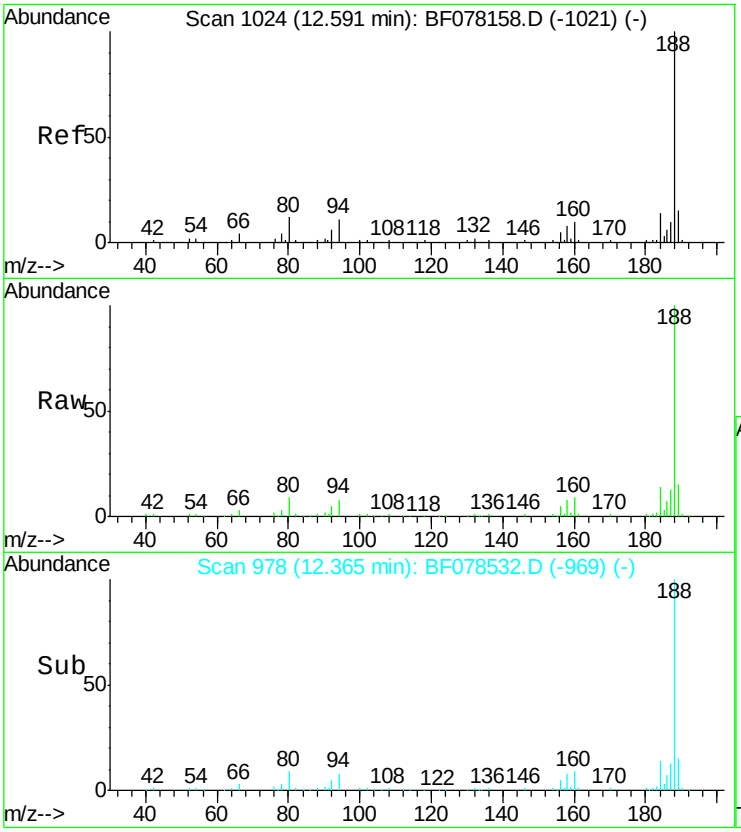


#57
Fluorene
Concen: 2.52 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion:166 Resp: 10914

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.9	118.3
167	14.9	10.7	16.1



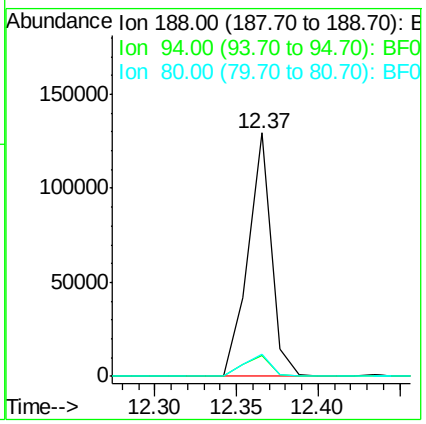


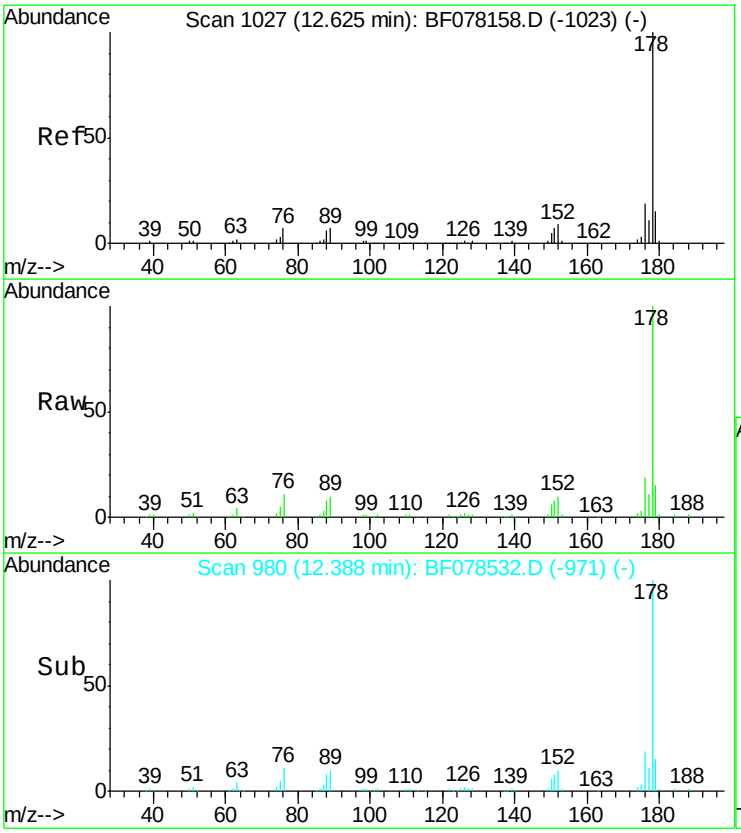
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:188 Resp: 128200

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.9	9.5	14.3#

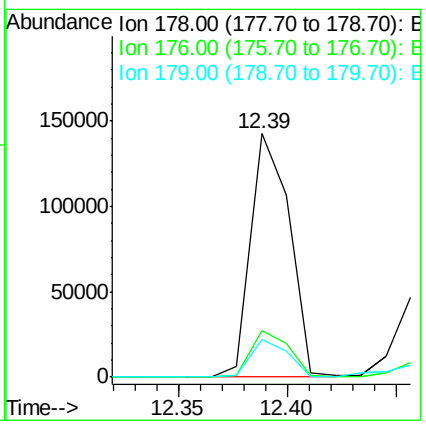


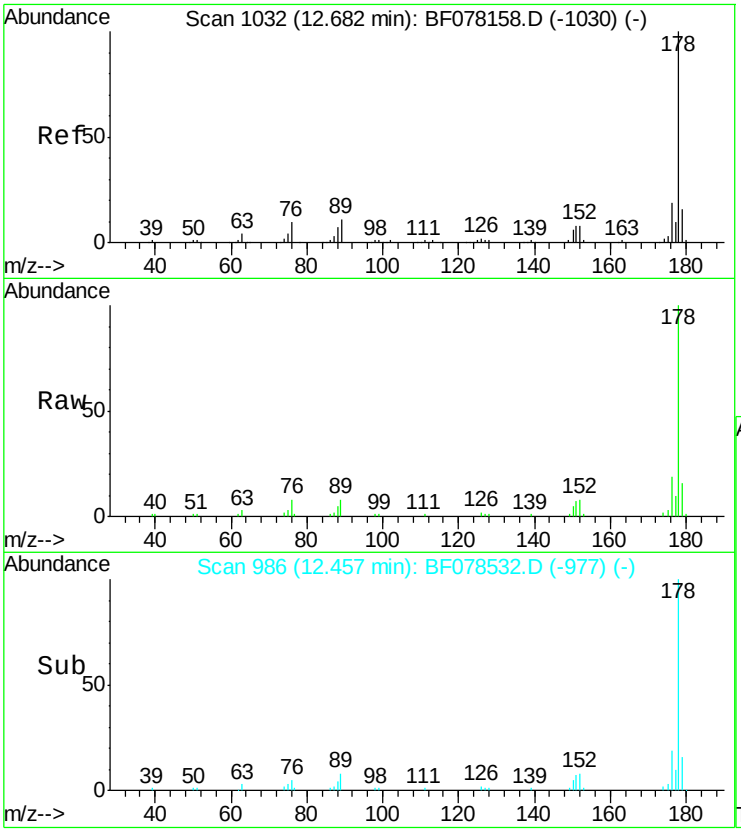


#70
Phenanthrene
Concen: 24.01 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion:178 Resp: 178087

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.3	12.2	18.2



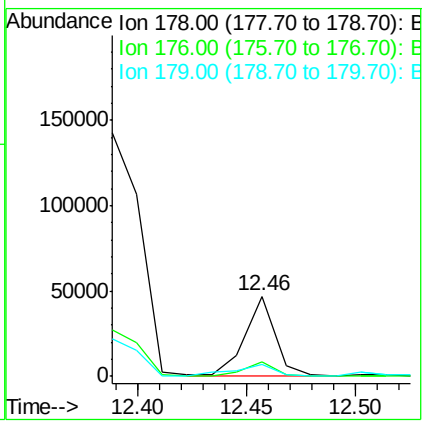


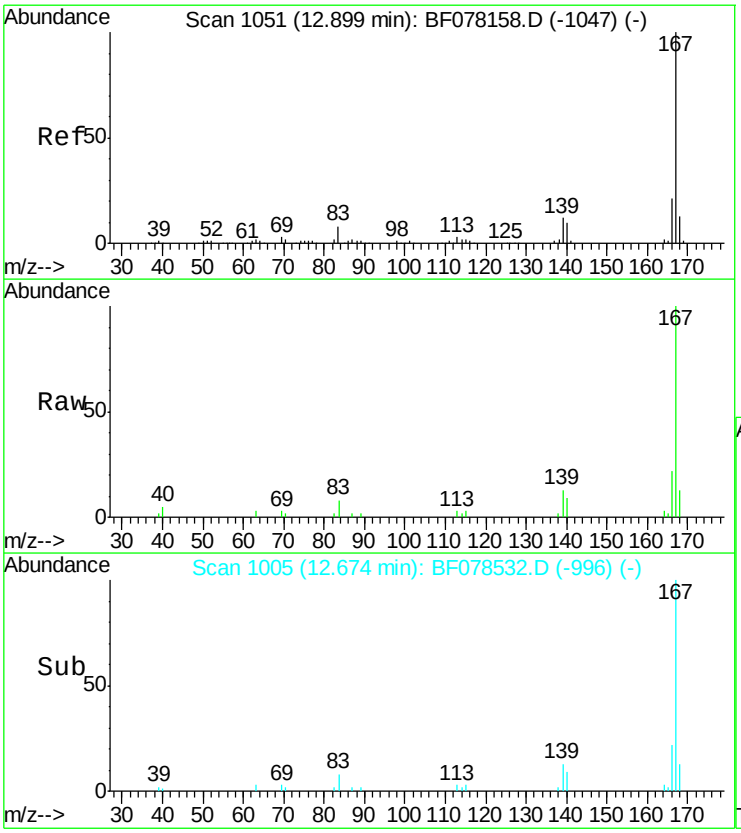
#71
Anthracene
Concen: 6.17 ng
RT: 12.46 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:178 Resp: 45052

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.6	12.4	18.6

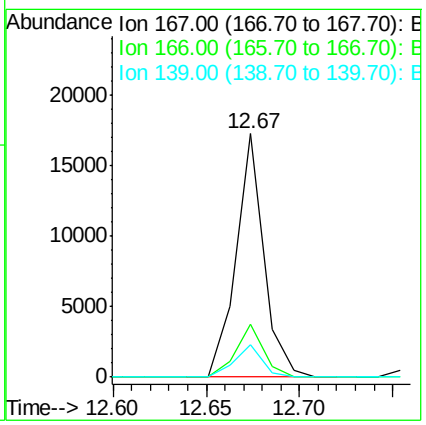


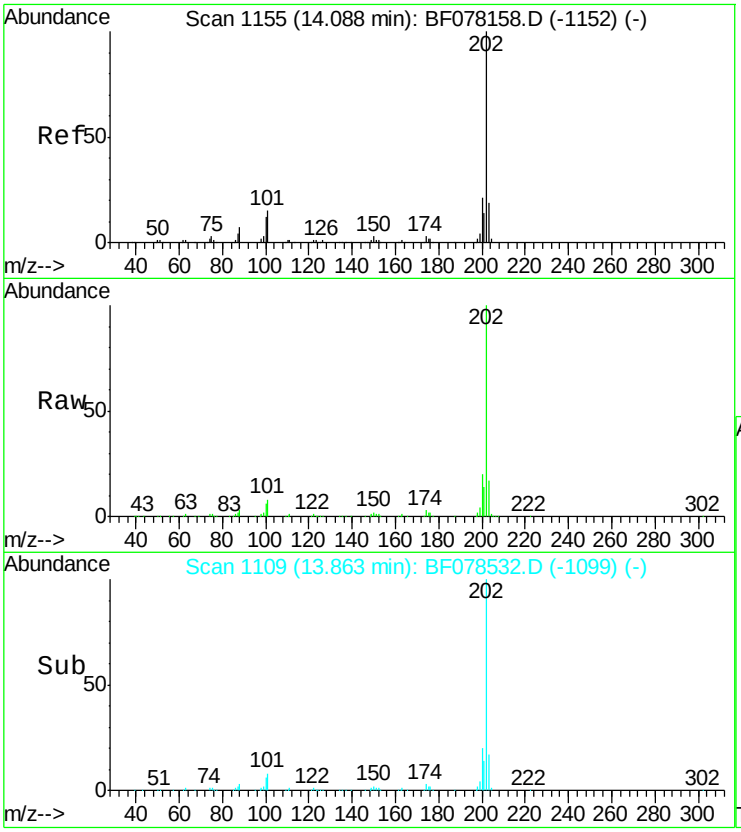


#72
Carbazole
Concen: 2.61 ng
RT: 12.67 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion:167 Resp: 17888

Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.8	25.2
139	13.1	10.0	15.0



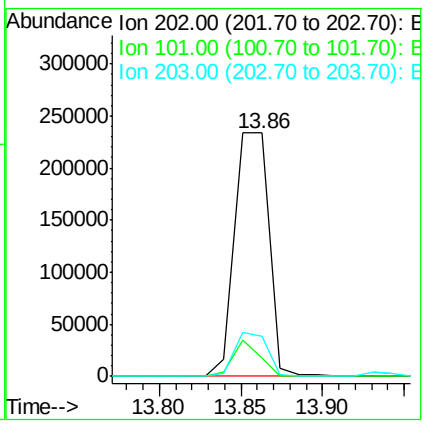


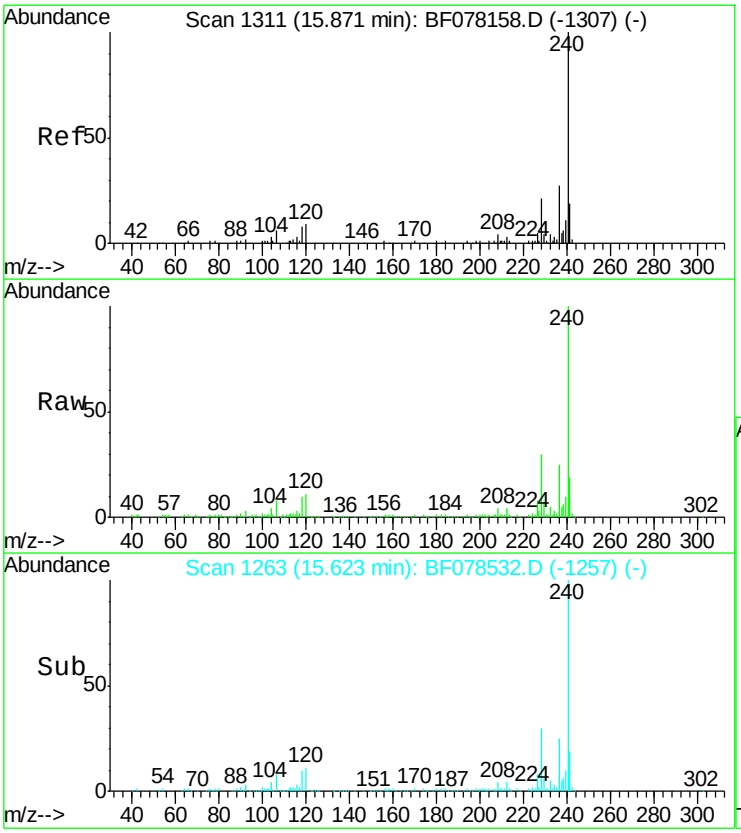
#74
Fluoranthene
Concen: 43.37 ng
RT: 13.86 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:202 Resp: 339212

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	35.2
203	16.7	0.0	38.5

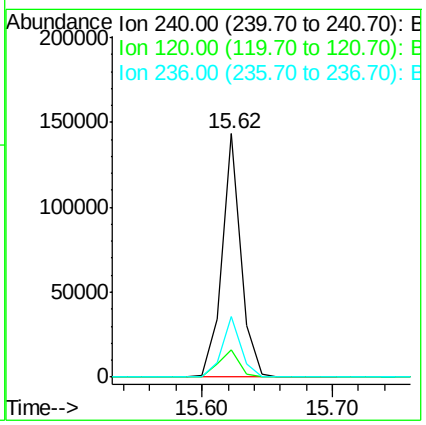


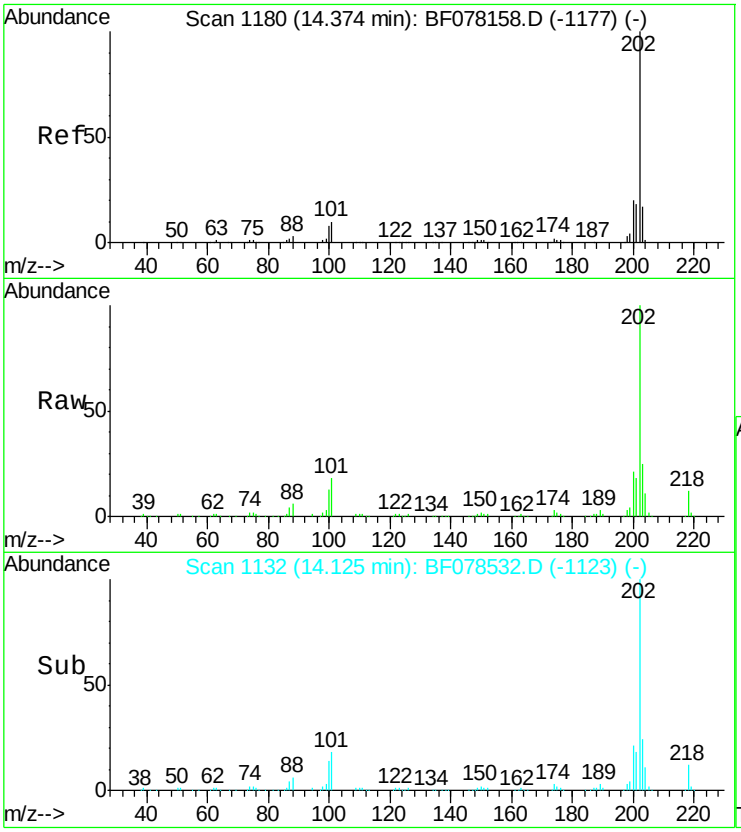


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion:240 Resp: 145410

Ion	Ratio	Lower	Upper
240	100		
120	11.4	7.1	10.7#
236	25.0	21.4	32.2



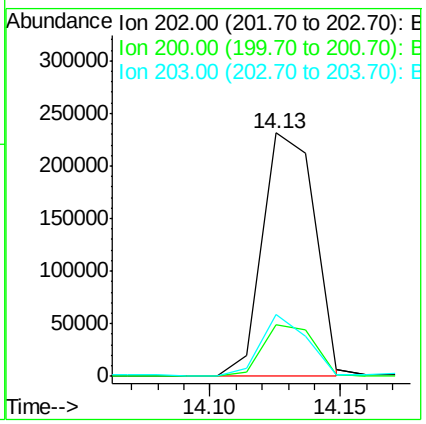


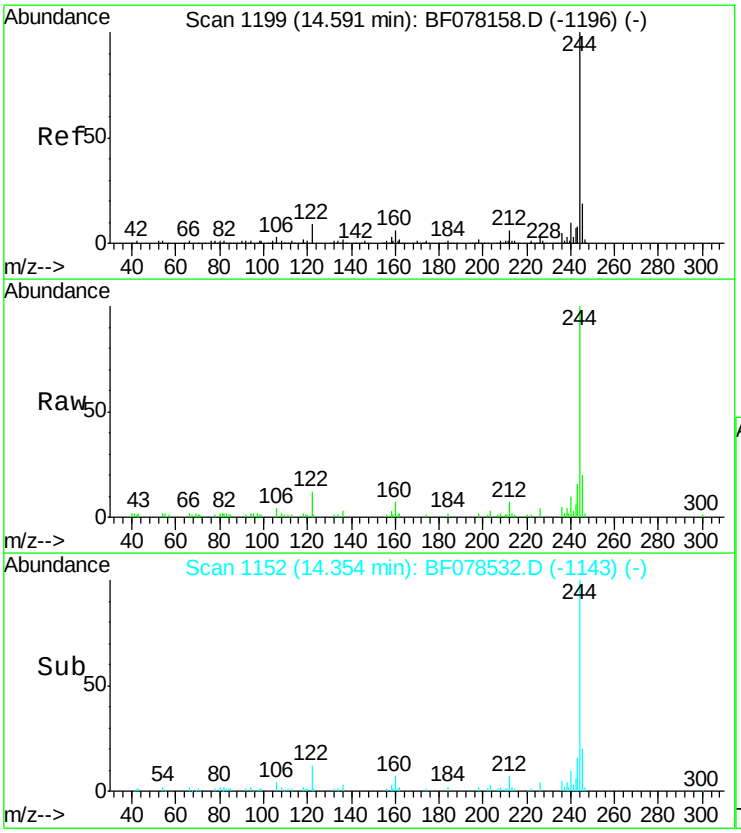
#77
Pyrene
Concen: 35.34 ng
RT: 14.13 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:202 Resp: 322584

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.3	24.5
203	25.4	13.8	20.6#

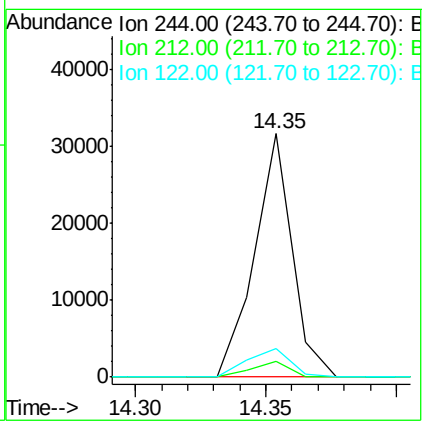


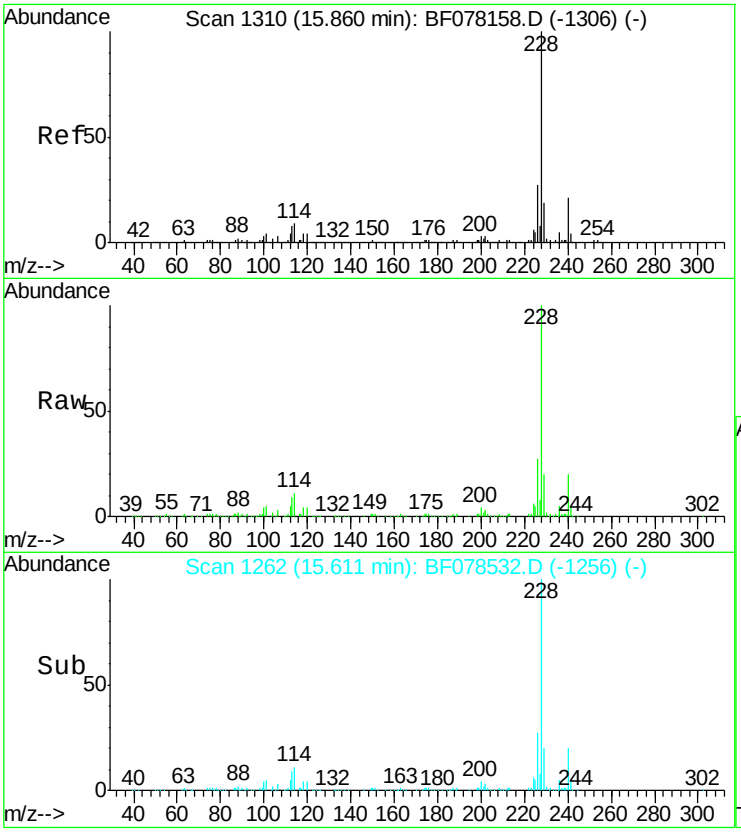


#78
Terphenyl-d14
Concen: 4.97 ng
RT: 14.35 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion:244 Resp: 31953

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	11.7	7.1	10.7#



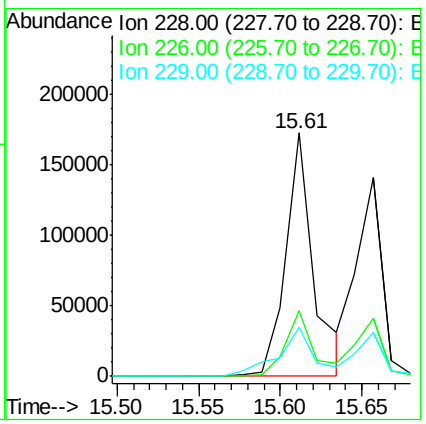


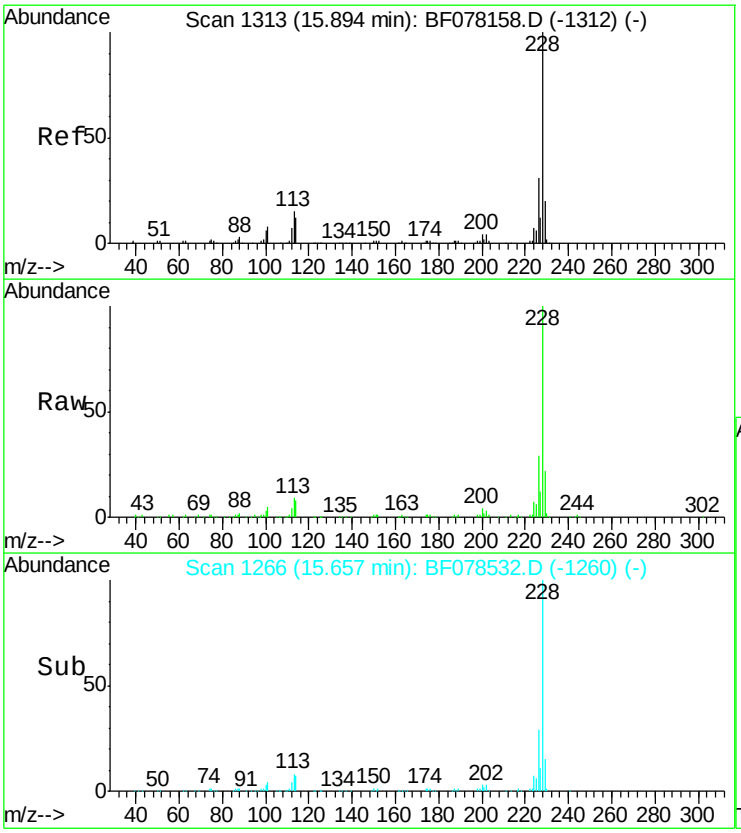
#80
Benzo(a)anthracene
Concen: 23.89 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:228 Resp: 206663

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.3	31.9
229	20.1	15.4	23.2

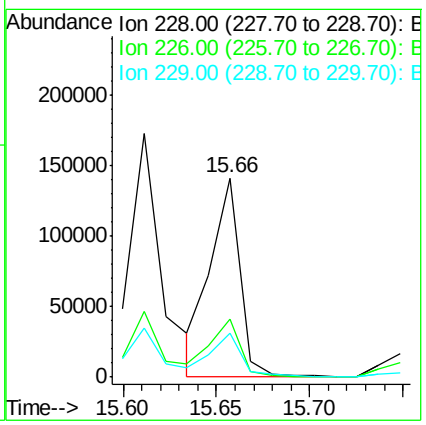


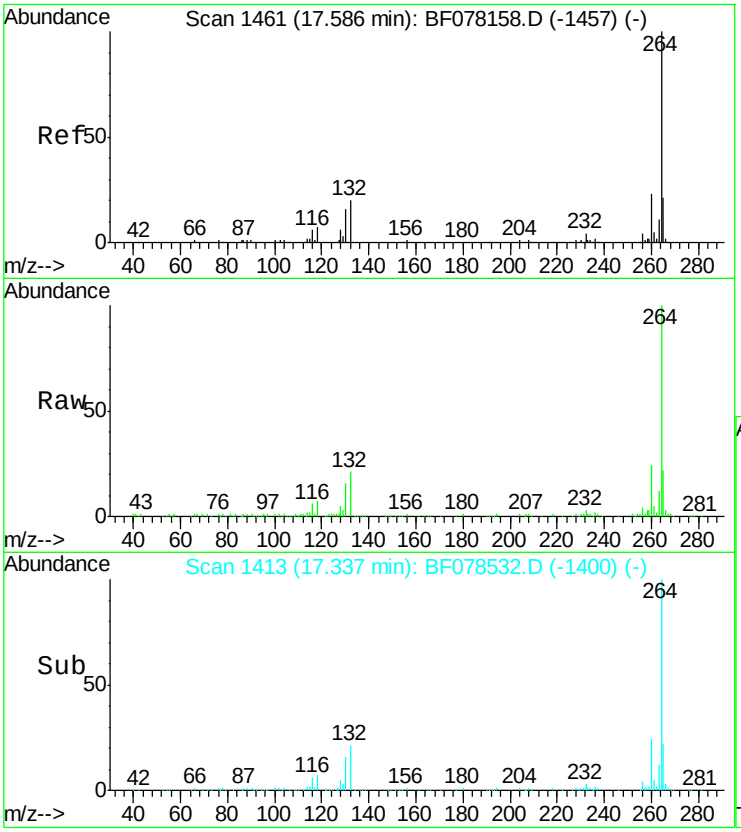


#82
Chrysene
Concen: 19.09 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion:228 Resp: 155155

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.4
229	22.3	15.8	23.8



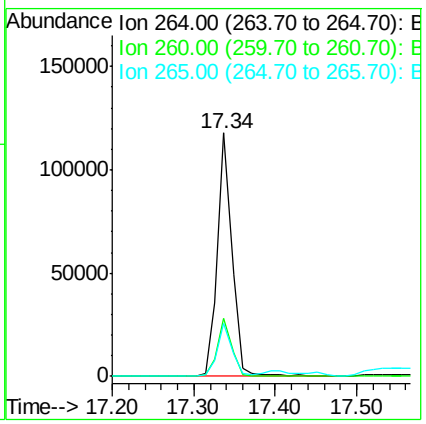


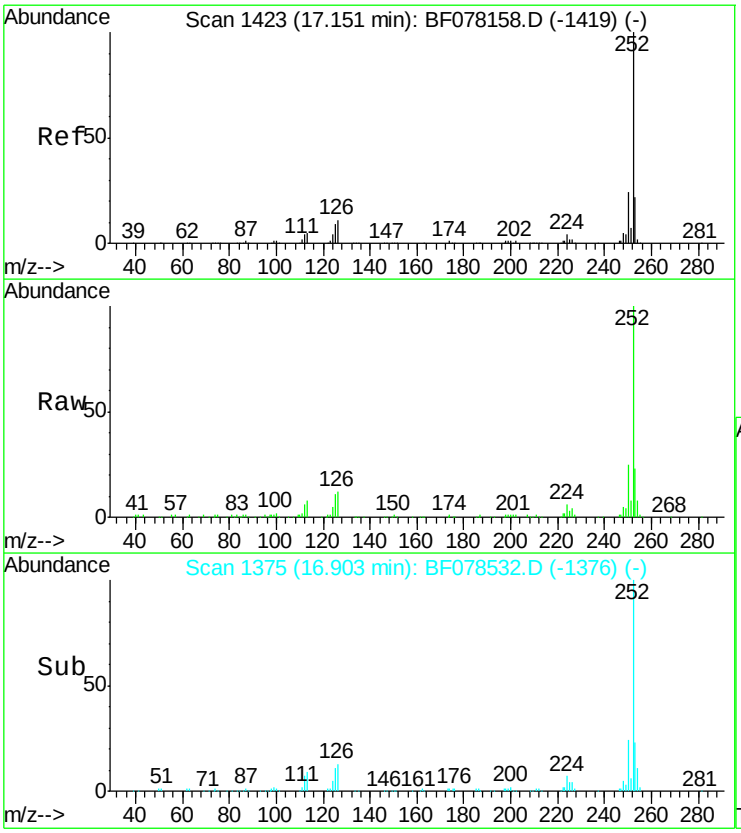
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.34 min Scan# 1413
Delta R.T. -0.15 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:264 Resp: 147142

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.0	17.0	25.6

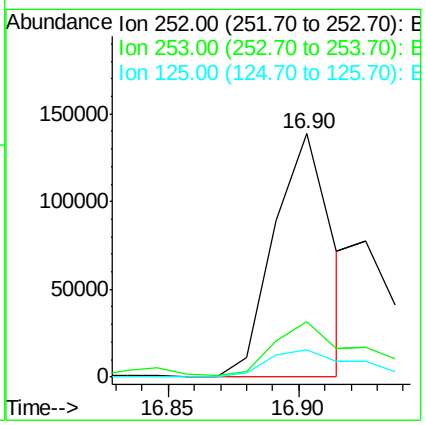


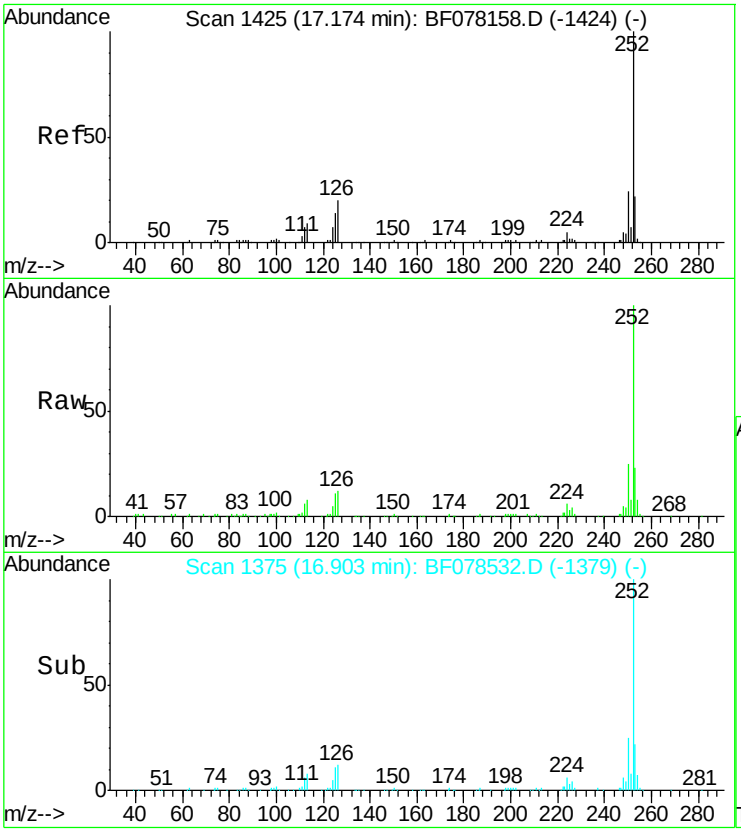


#87
Benzo(b)fluoranthene
Concen: 23.36 ng
RT: 16.90 min Scan# 1375
Delta R.T. -0.11 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion:252 Resp: 212412

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.4	7.0	10.4#



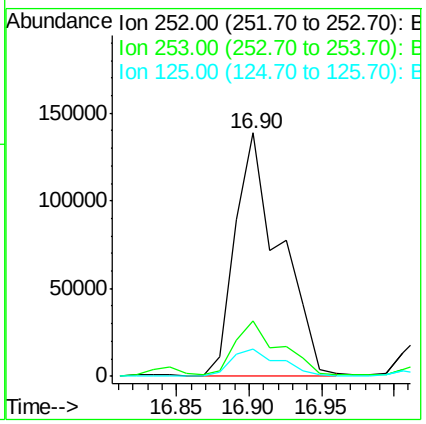


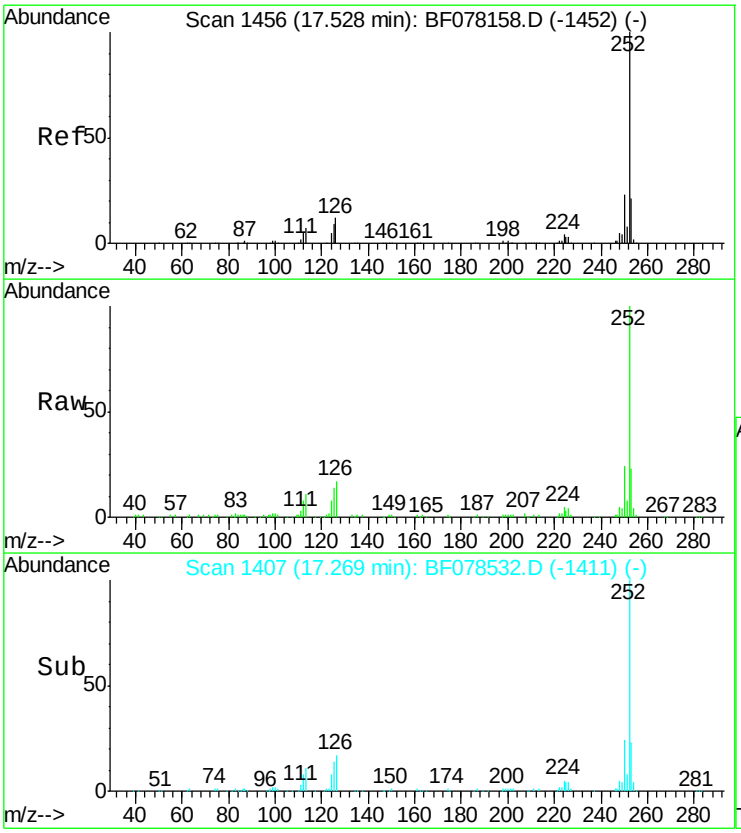
#88
Benzo(k)fluoranthene
Concen: 36.74 ng
RT: 16.90 min Scan# 1375
Delta R.T. -0.15 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Instrument :
BNA_F
ClientSampleId :
SP-4DL

Tgt Ion:252 Resp: 296882

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.4	11.6	17.4#





#89
Benzo(a)pyrene
Concen: 18.75 ng
RT: 17.27 min Scan# 1407
Delta R.T. -0.15 min
Lab File: BF078532.D
Acq: 15 Apr 2015 9:10

Tgt Ion:252 Resp: 148823

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.8	25.2
125	14.4	7.4	11.0#