Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077575.D
Acq On : 4 Mar 2015 6:13
Operator : TP/IZ
Sample : G1332-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-2

Quant Time: Mar 04 07:09:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	94577	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	383224	20.00	ng		0.00
38) Acenaphthene-d10	10.99	164	195288	20.00	ng		0.00
63) Phenanthrene-d10	12.83	188	385553	20.00	ng		0.00
75) Chrysene-d12	16.12	240	416747	20.00	ng		0.00
86) Perylene-d12	17.87	264	412145	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	375226	66.23	ng		0.00
7) Phenol-d6	6.80	99	481943	66.16	ng		0.00
23) Nitrobenzene-d5	7.93	82	287119	46.59	ng		0.00
41) 2,4,6-Tribromophenol	11.97	330	114787	61.04	ng		0.00
44) 2-Fluorobiphenyl	10.16	172	561508	44.83	ng		0.00
78) Terphenyl-d14	14.83	244	685282	38.44	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.84	128	41673	2.17	ng		98
37) 2-Methylnaphthalene	9.70	142	55569	4.08	ng		100
51) Acenaphthene	11.03	154	98764	9.01	ng		98
54) Dibenzofuran	11.24	168	134502	7.95	ng		100
57) Fluorene	11.67	166	95931	7.09	ng		97
70) Phenanthrene	12.86	178	868050	38.85	ng		99
71) Anthracene	12.92	178	199290	8.99	ng		98
72) Carbazole	13.13	167	118750	5.63	ng		99
74) Fluoranthene	14.34	202	839083	34.37	ng		100
77) Pyrene	14.62	202	679113	26.64	ng	#	95
80) Benzo(a)anthracene	16.11	228	398055	16.30	ng		99
82) Chrysene	16.15	228	292901	12.77	ng		97
85) Indeno(1,2,3-cd)pyrene	19.30	276	151609	5.80	ng		95
87) Benzo(b)fluoranthene	17.43	252	531684	22.18	ng	#	96
88) Benzo(k)fluoranthene	17.43	252	533791	22.73	ng		99
89) Benzo(a)pyrene	17.80	252	287686	12.60	ng		98
91) Benzo(g,h,i)perylene	19.73	276	145639	6.63	ng		96

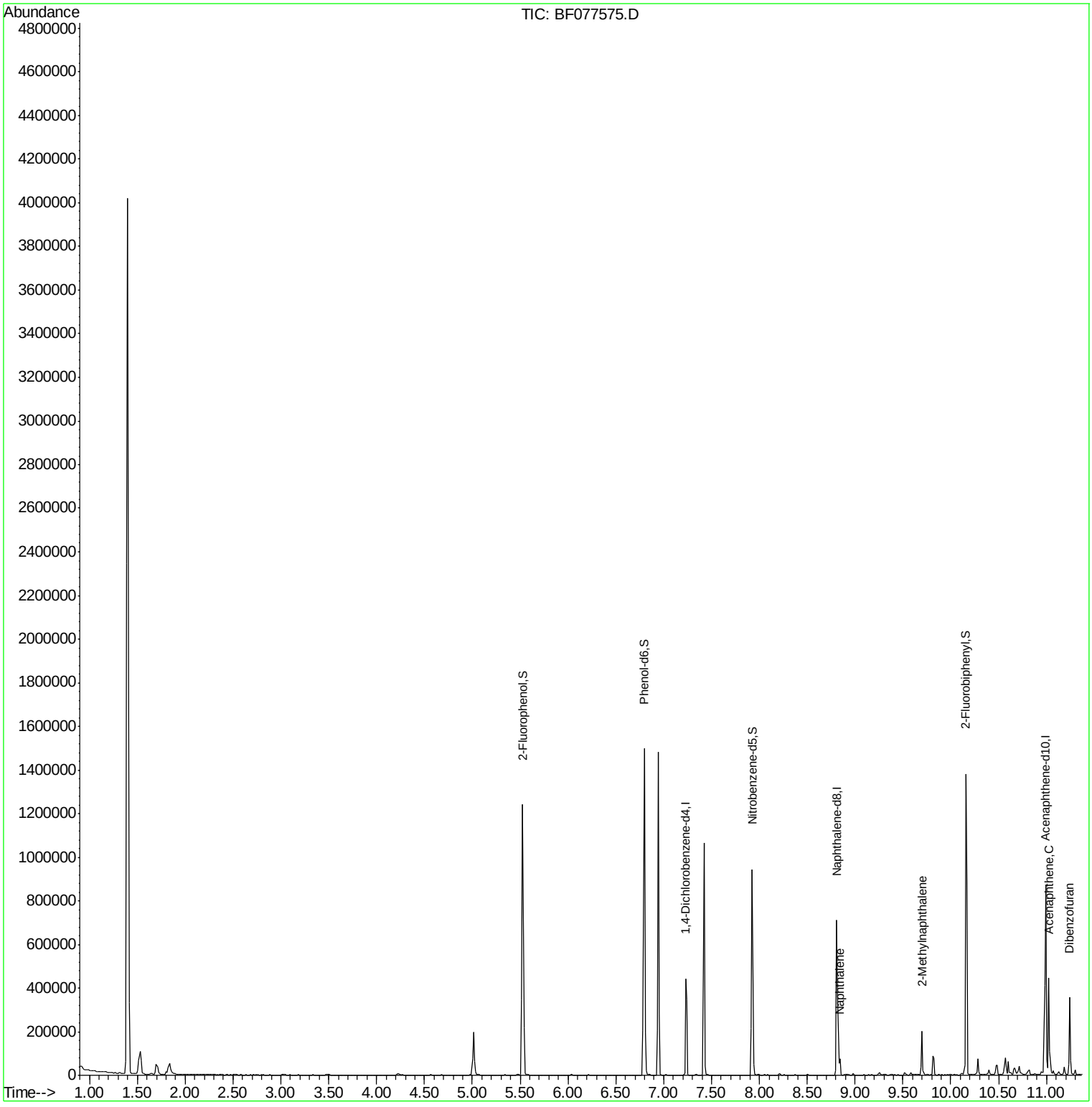
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077575.D
Acq On : 4 Mar 2015 6:13
Operator : TP/IZ
Sample : G1332-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-2

Quant Time: Mar 04 07:09:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration

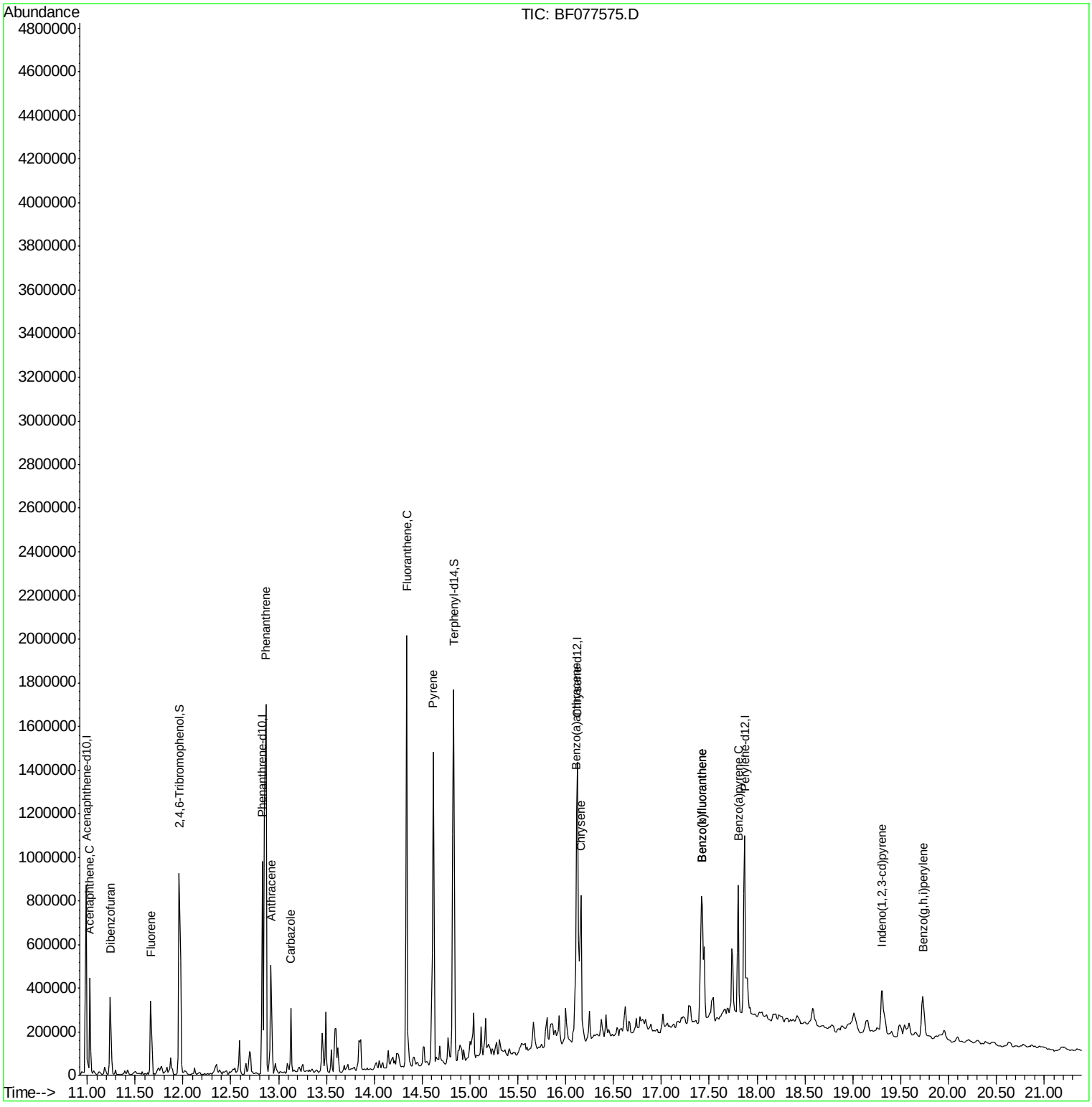


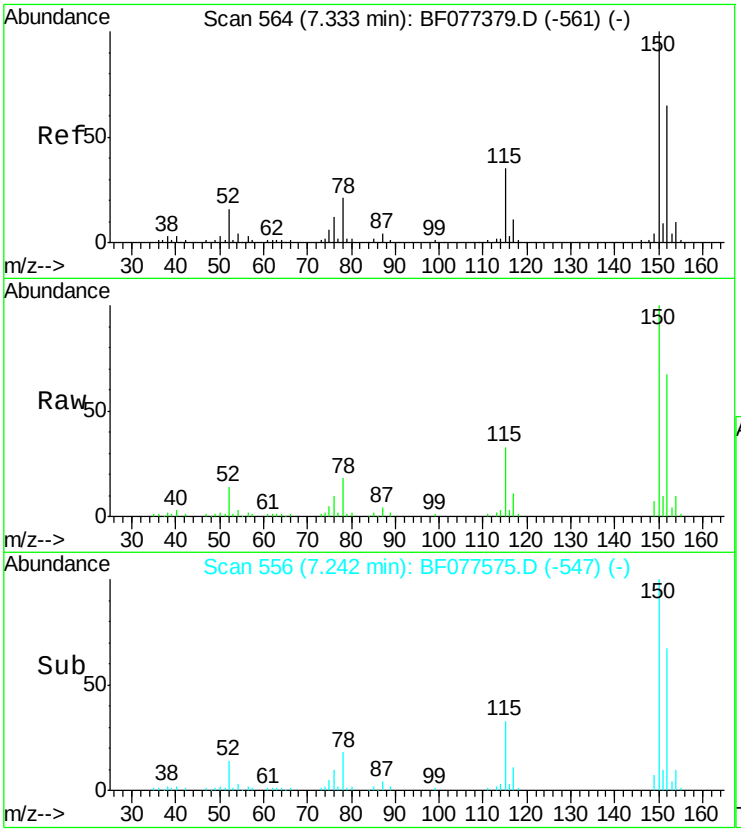
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077575.D
Acq On : 4 Mar 2015 6:13
Operator : TP/IZ
Sample : G1332-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-2

Quant Time: Mar 04 07:09:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration



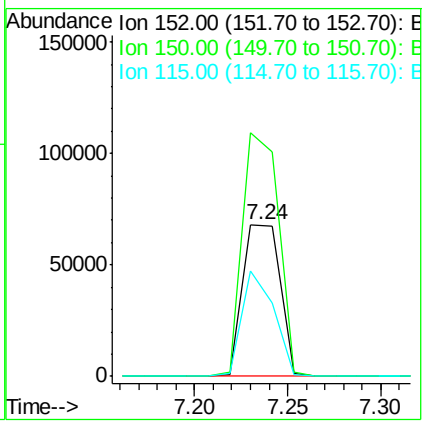


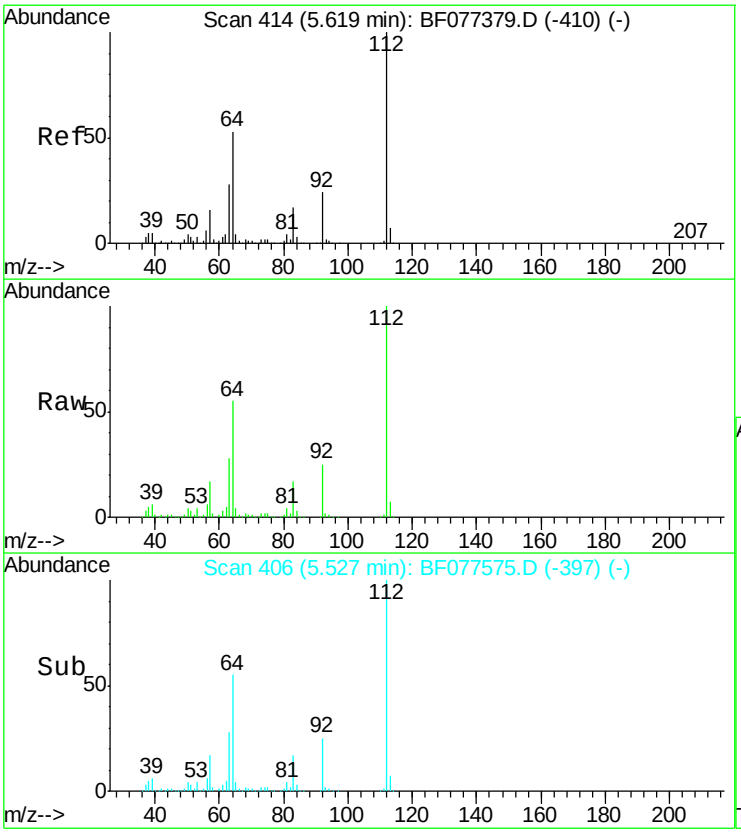
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:152 Resp: 94577

Ion	Ratio	Lower	Upper
152	100		
150	148.7	124.0	186.0
115	48.7	49.4	74.2#

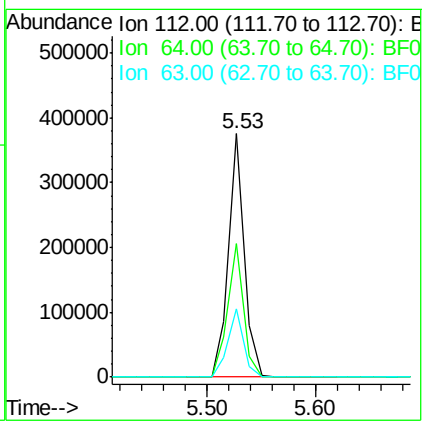


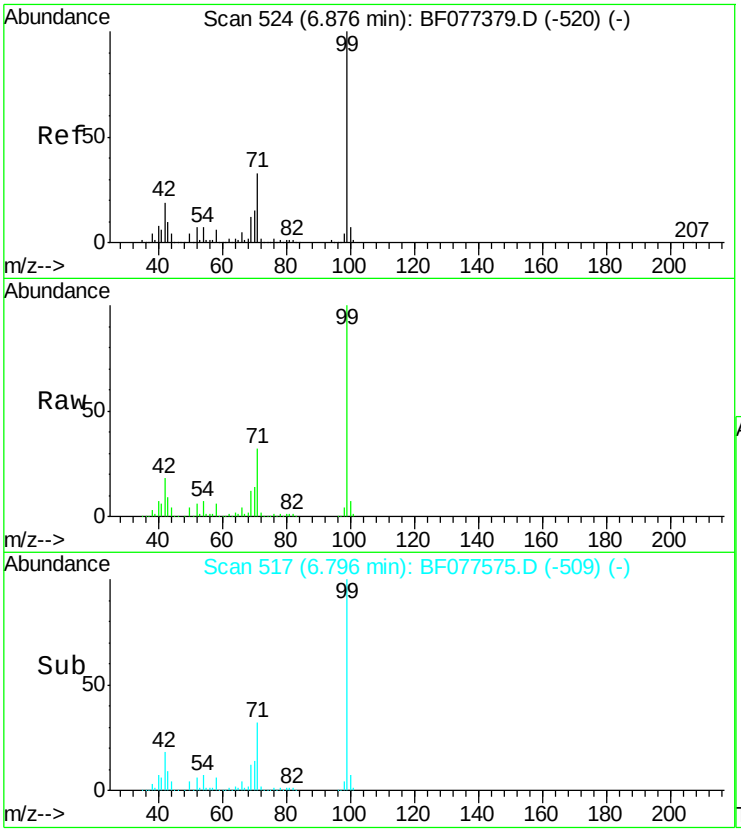


#5
2-Fluorophenol
Concen: 66.23 ng
RT: 5.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:112 Resp: 375226

Ion	Ratio	Lower	Upper
112	100		
64	54.9	48.5	72.7
63	28.0	25.0	37.4



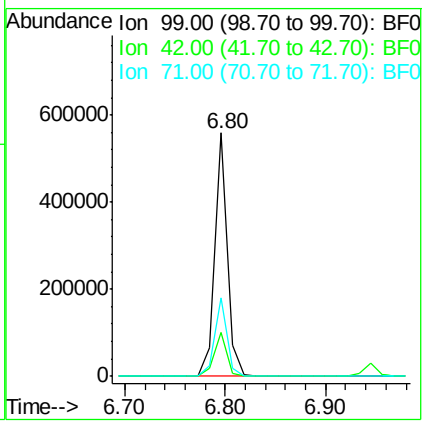


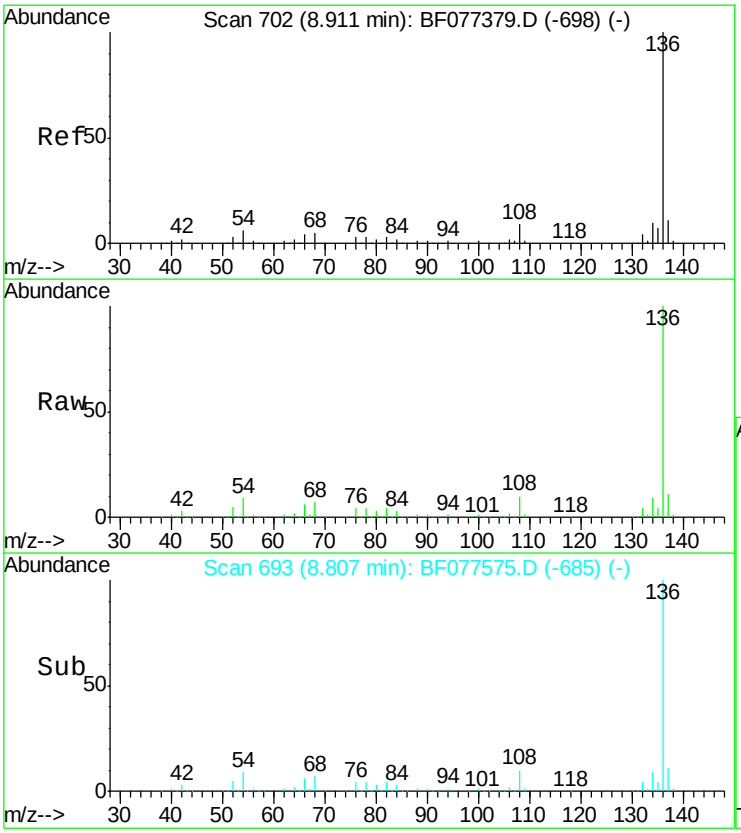
#7
Phenol-d6
Concen: 66.16 ng
RT: 6.80 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion: 99 Resp: 481943

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.2	24.4
71	32.5	26.7	40.1

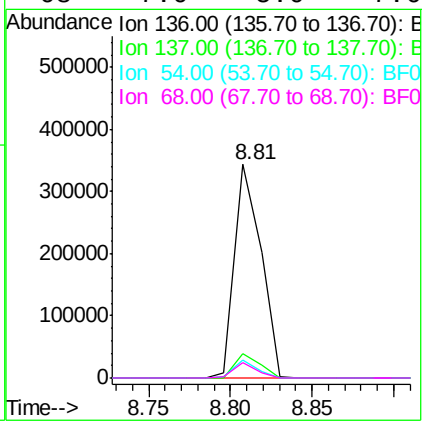


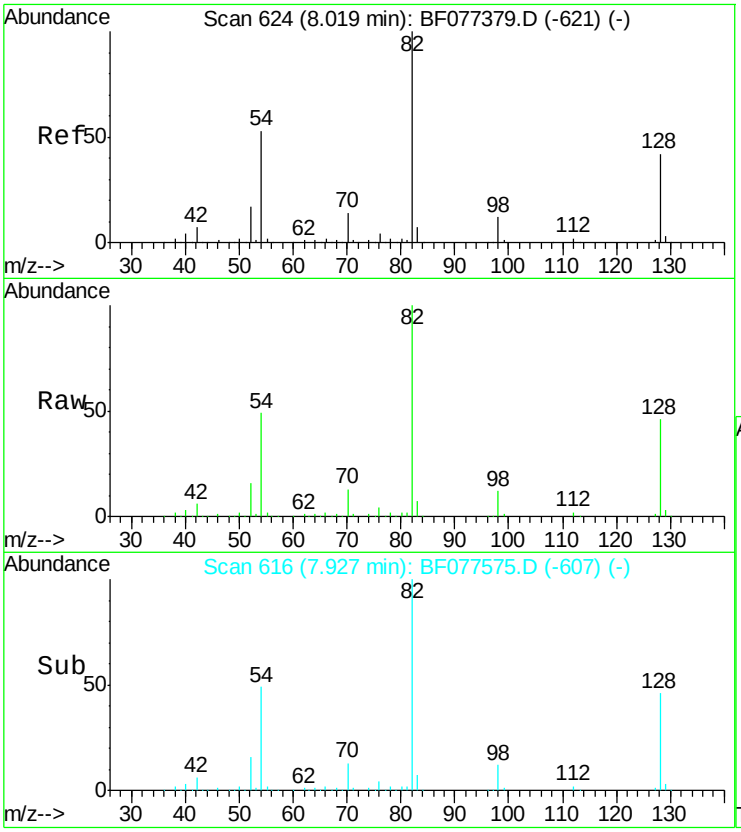


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:136 Resp: 383224

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.7	6.2	9.4
68	7.0	5.0	7.6



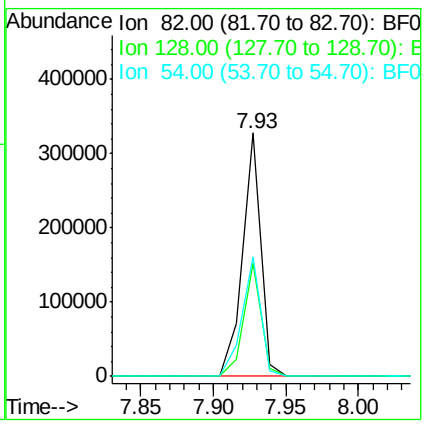


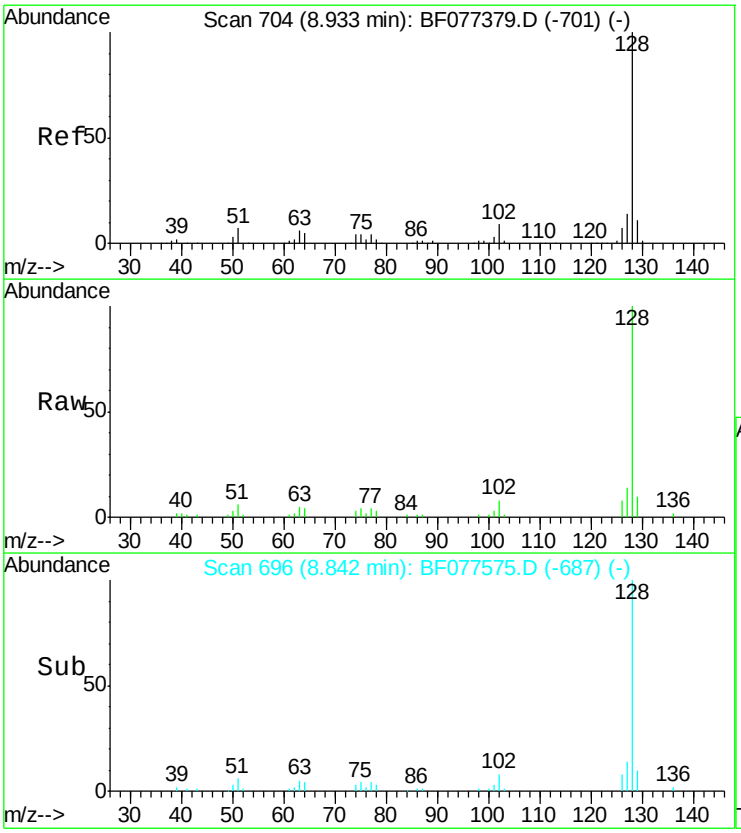
#23
Nitrobenzene-d5
Concen: 46.59 ng
RT: 7.93 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion: 82 Resp: 287119

Ion	Ratio	Lower	Upper
82	100		
128	46.2	43.8	65.8
54	49.0	36.7	55.1

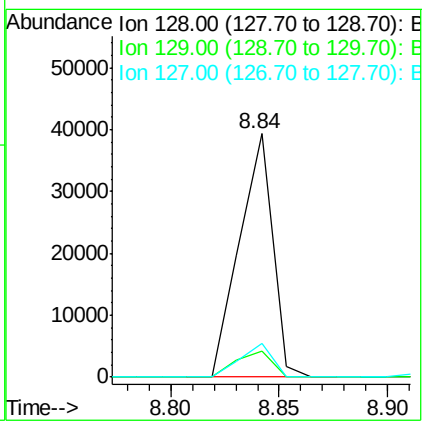


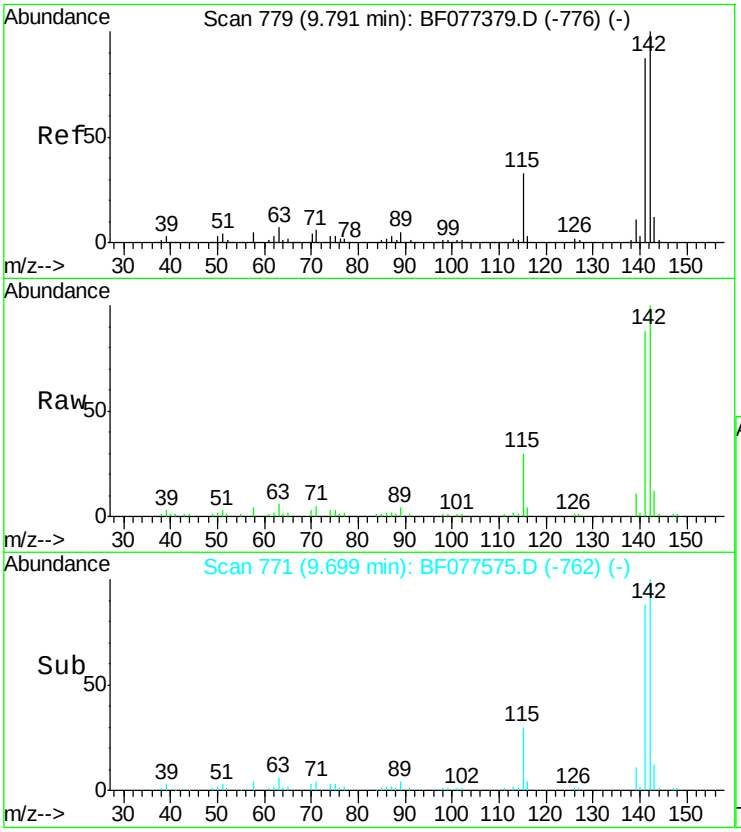


#31
Naphthalene
Concen: 2.17 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:128 Resp: 41673

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.0
127	13.6	10.6	15.8



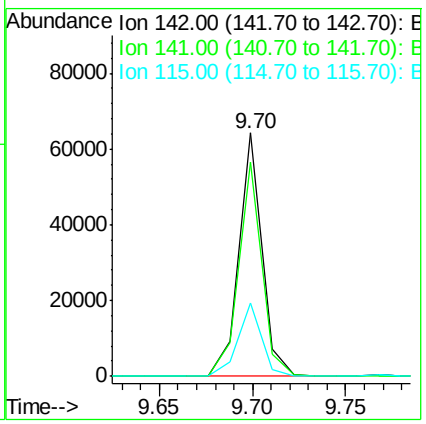


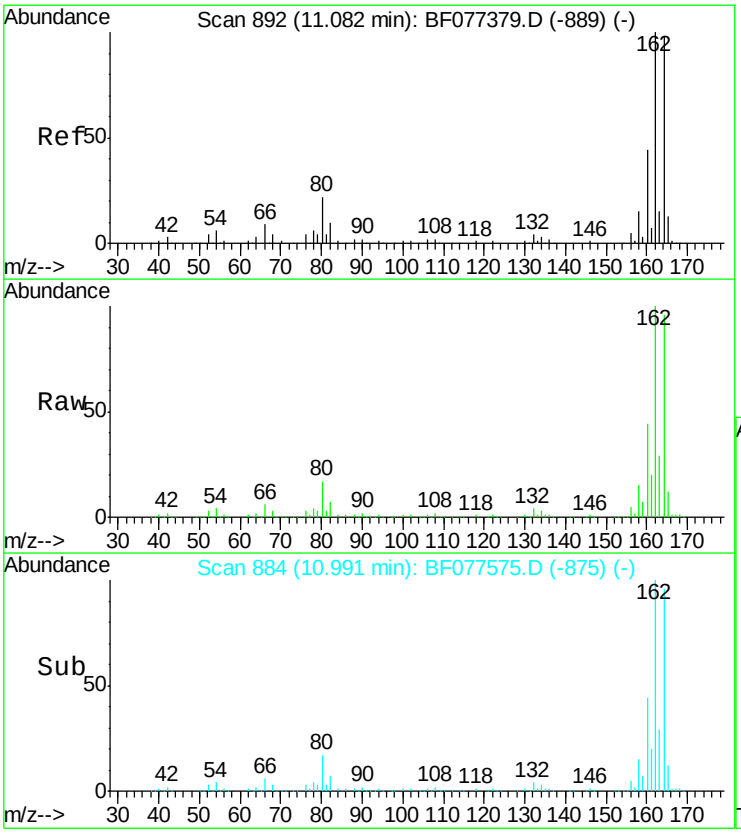
#37
2-Methylnaphthalene
Concen: 4.08 ng
RT: 9.70 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:142 Resp: 55569

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.7	106.1
115	30.3	24.2	36.4

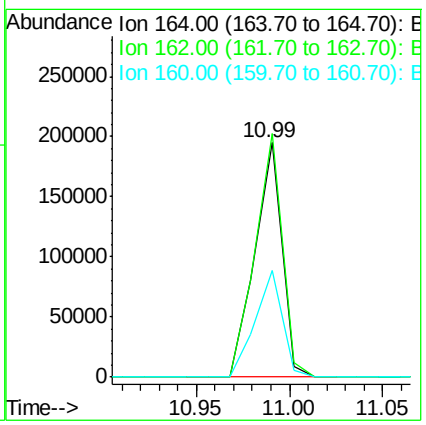


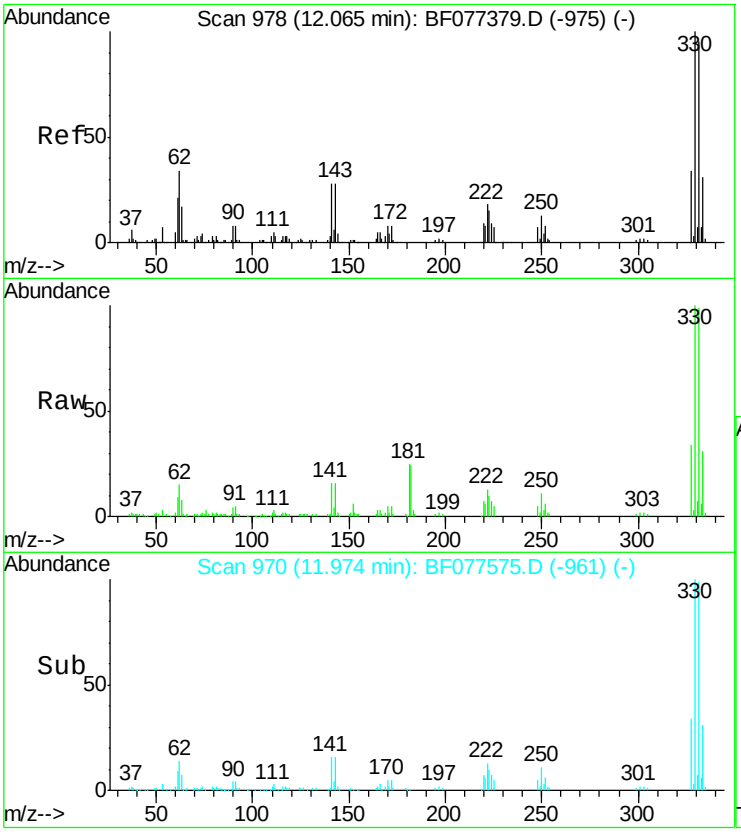


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:164 Resp: 195288

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.2	124.8
160	45.6	34.6	52.0



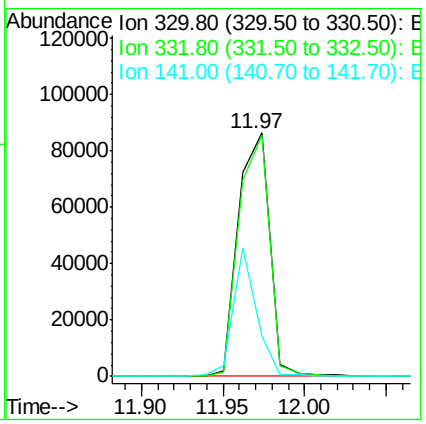


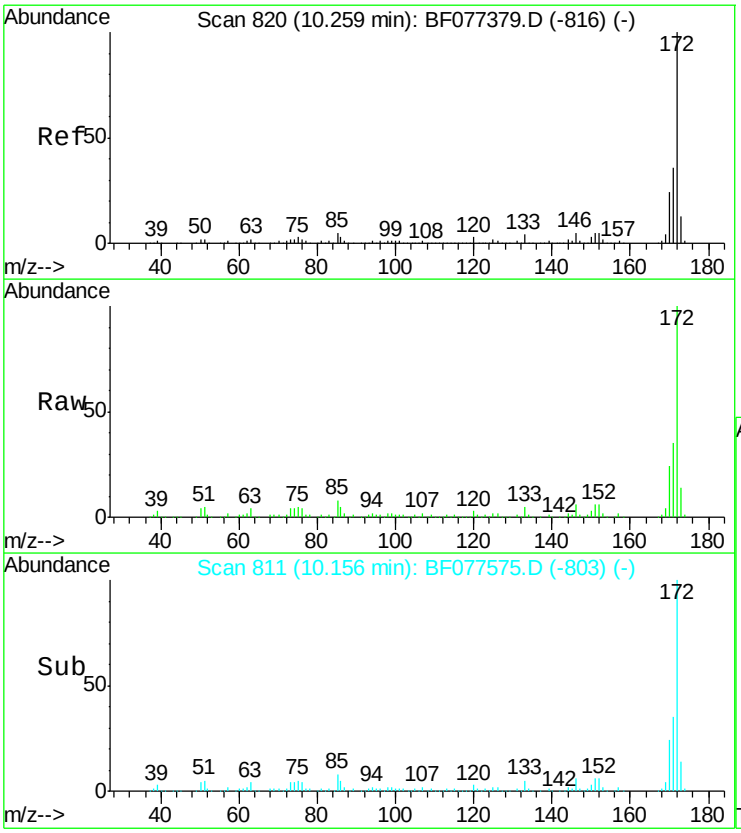
#41
2,4,6-Tribromophenol
Concen: 61.04 ng
RT: 11.97 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:330 Resp: 114787

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	39.1	28.8	43.2

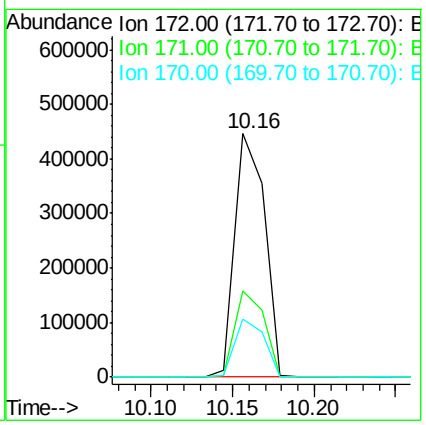


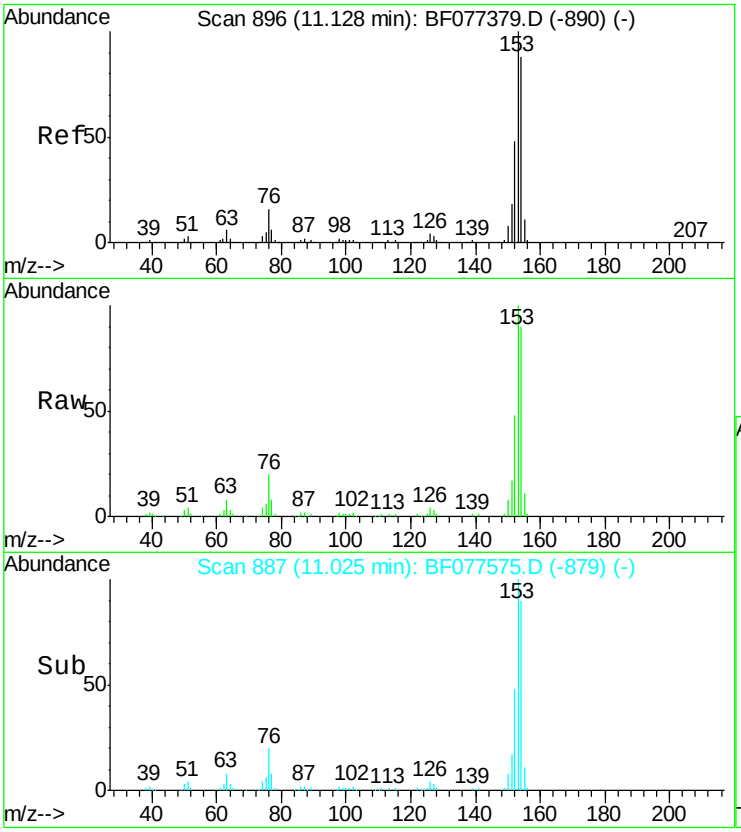


#44
2-Fluorobiphenyl
Concen: 44.83 ng
RT: 10.16 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:172 Resp: 561508

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.6	19.4	29.2



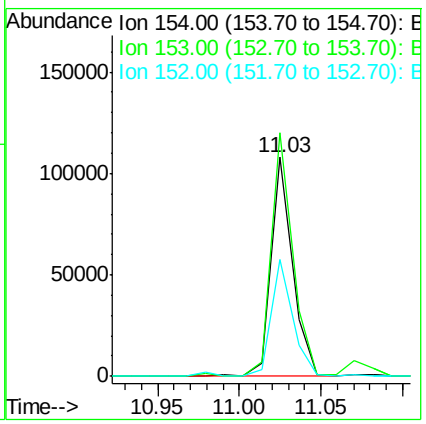


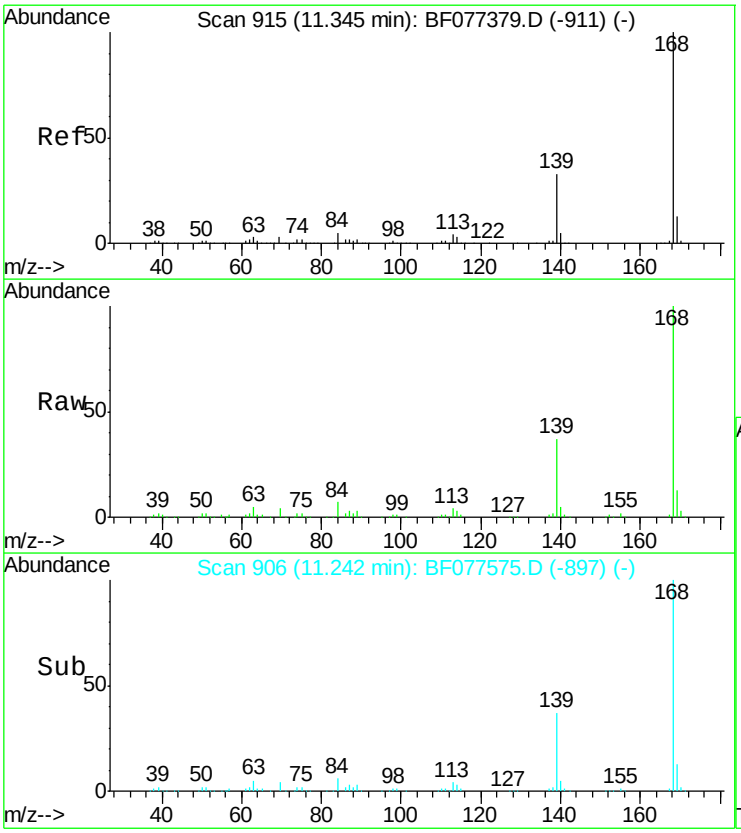
#51
Acenaphthene
Concen: 9.01 ng
RT: 11.03 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:154 Resp: 98764

Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.5	135.7
152	53.5	43.5	65.3

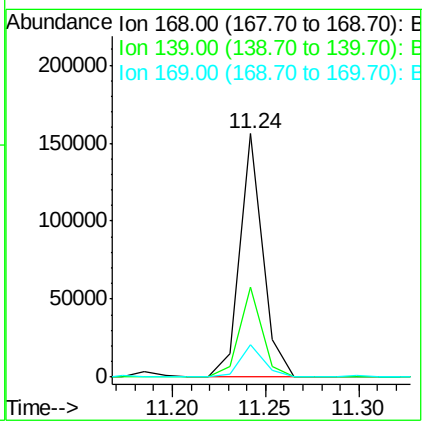


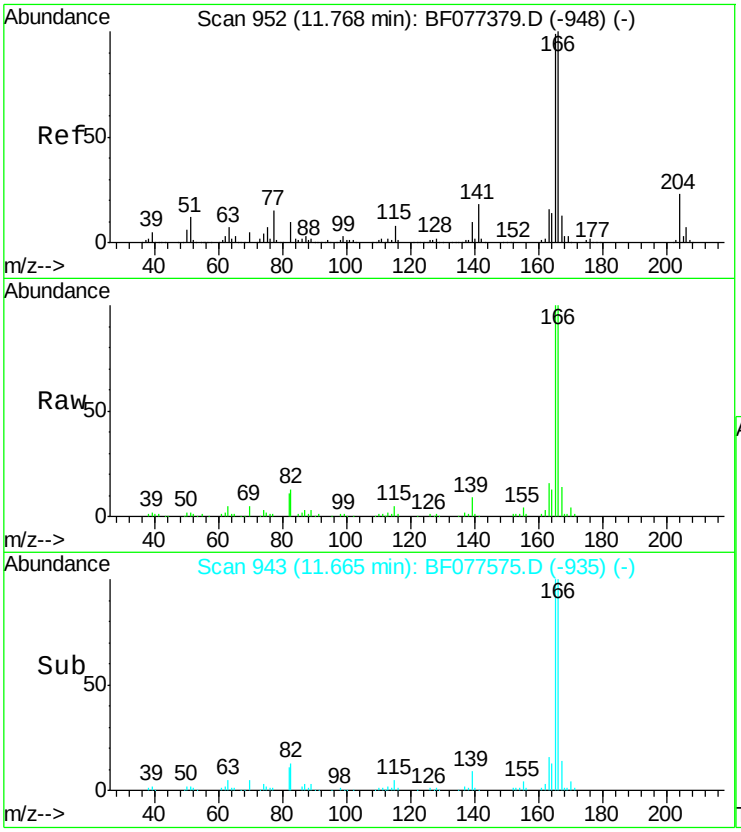


#54
Dibenzofuran
Concen: 7.95 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:168 Resp: 134502

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.3	43.9
169	13.4	10.9	16.3



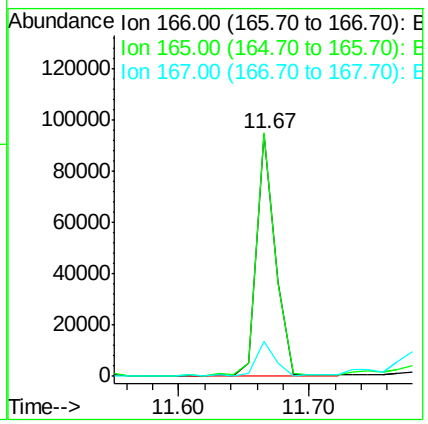


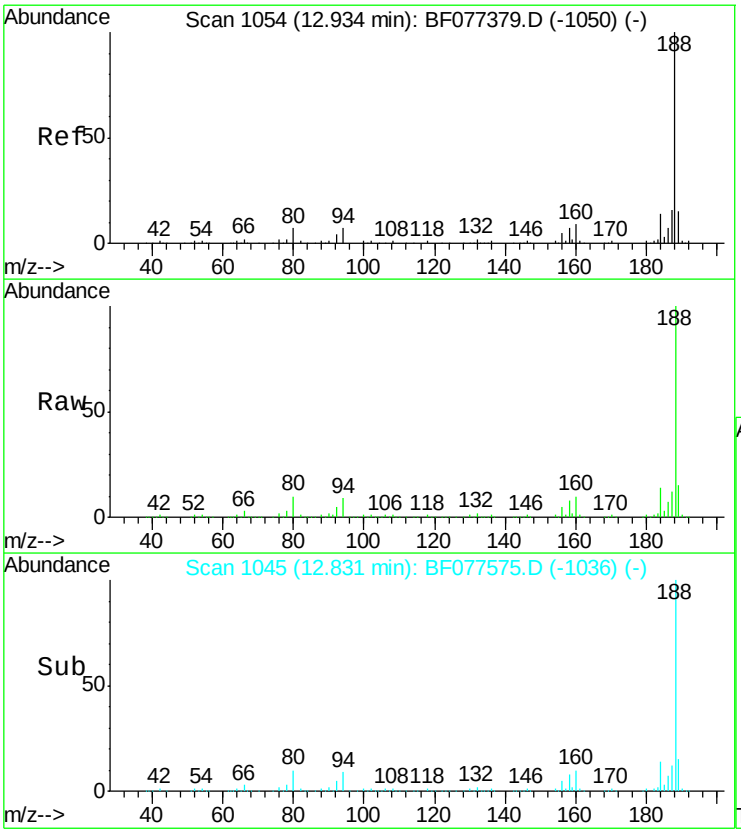
#57
Fluorene
Concen: 7.09 ng
RT: 11.67 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:166 Resp: 95931

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.6	116.4
167	14.4	10.6	16.0

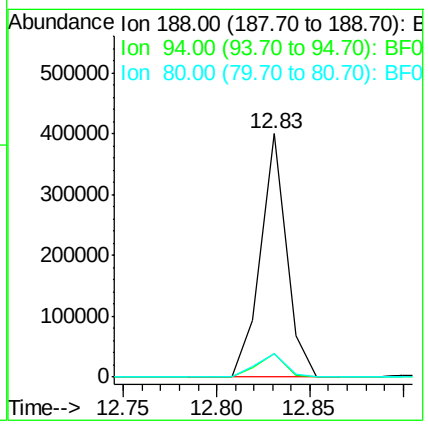


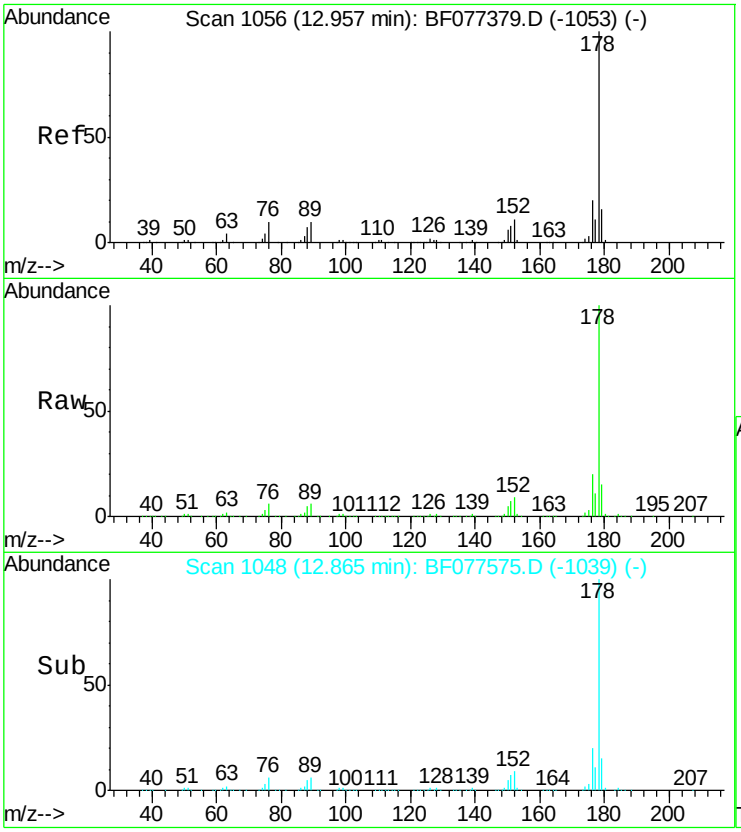


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:188 Resp: 385553

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	9.8	8.0	12.0



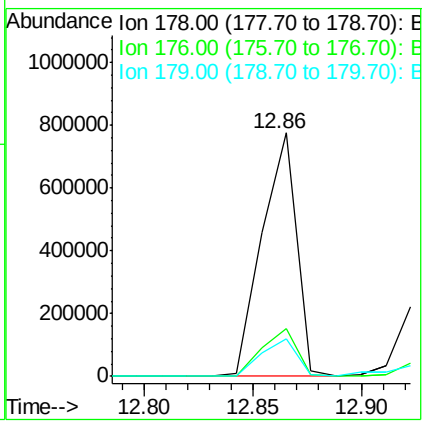


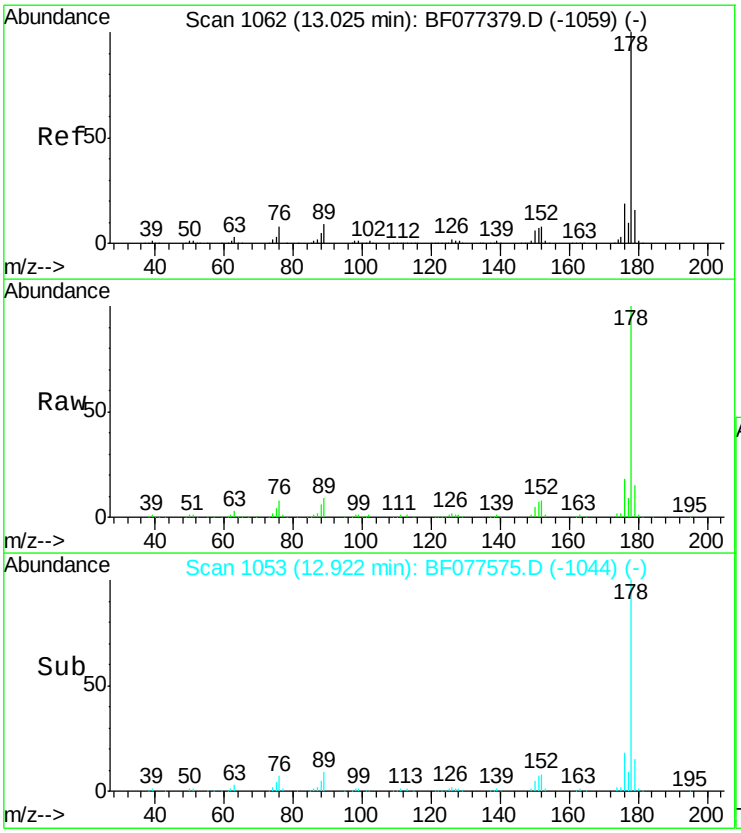
#70
Phenanthrene
Concen: 38.85 ng
RT: 12.86 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:178 Resp: 868050

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.3	12.2	18.2

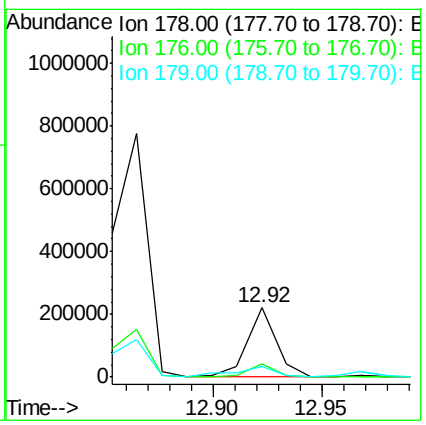


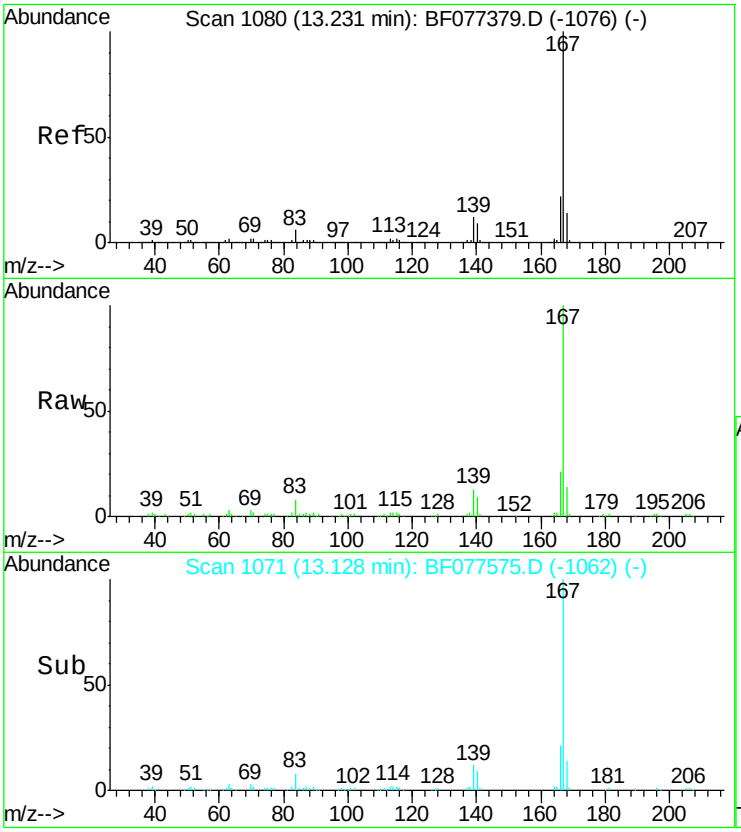


#71
Anthracene
Concen: 8.99 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:178 Resp: 199290

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.1	12.9	19.3



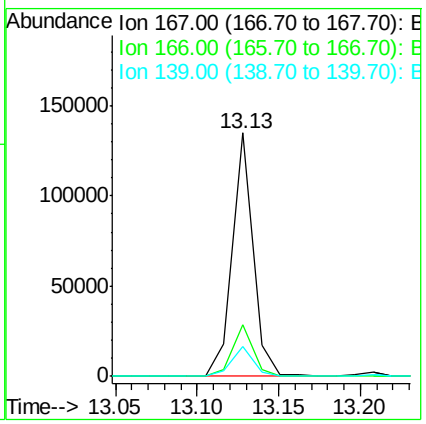


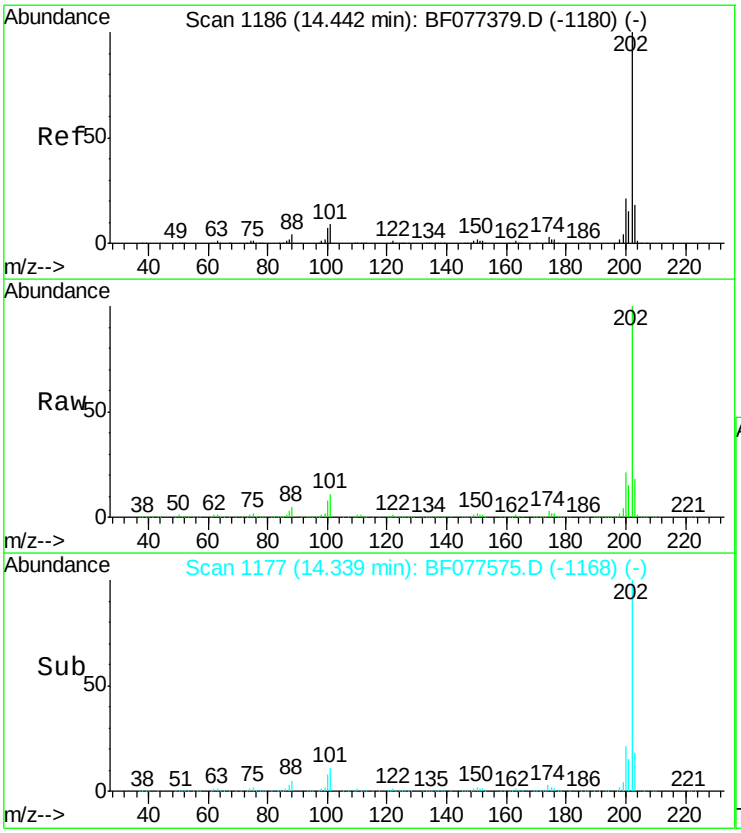
#72
Carbazole
Concen: 5.63 ng
RT: 13.13 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:167 Resp: 118750

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.5	9.9	14.9

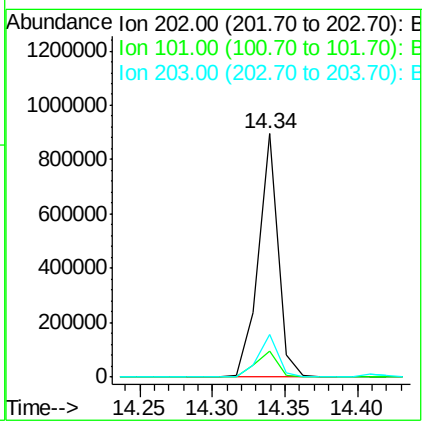


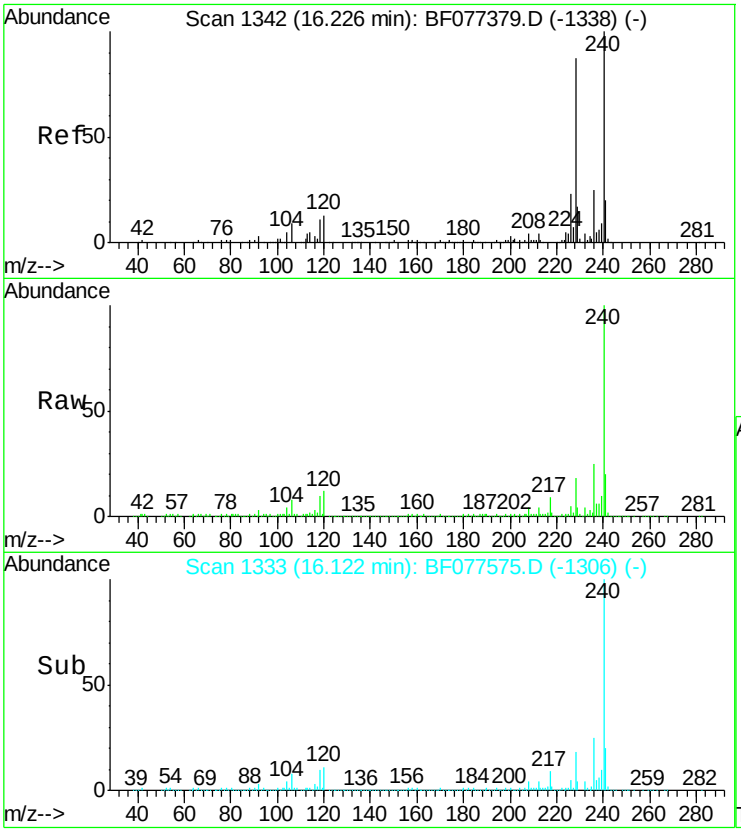


#74
Fluoranthene
Concen: 34.37 ng
RT: 14.34 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:202 Resp: 839083

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.8
203	17.7	0.0	37.7



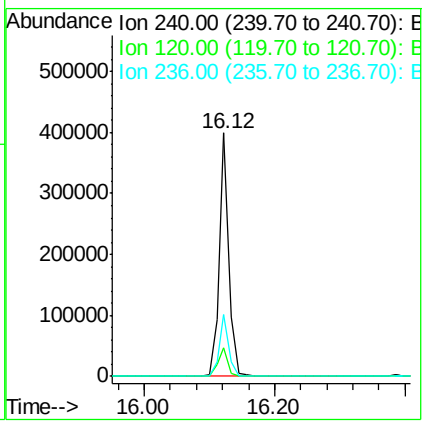


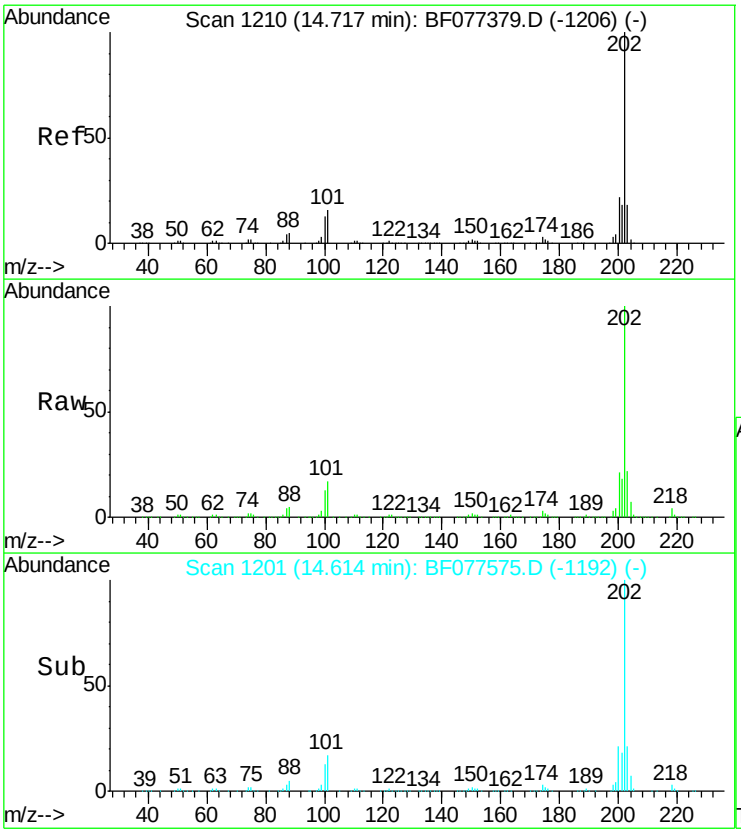
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:240 Resp: 416747

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.8	13.2
236	25.5	20.7	31.1

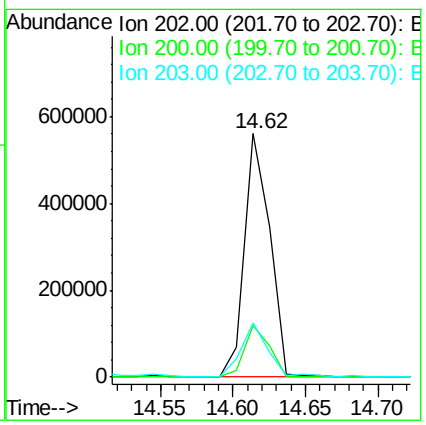


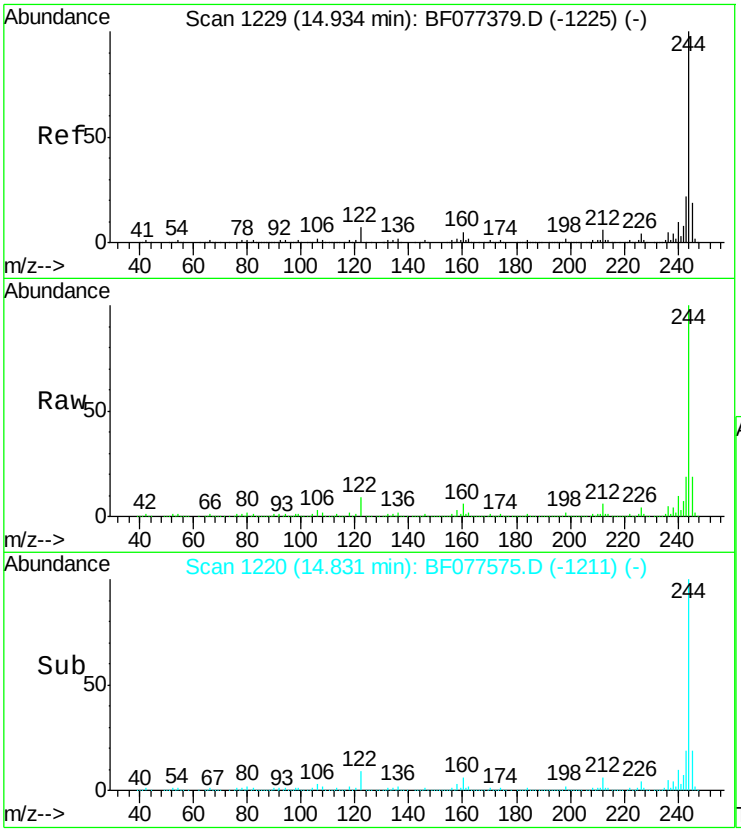


#77
Pyrene
Concen: 26.64 ng
RT: 14.62 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:202 Resp: 679113

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	22.3	14.2	21.2#



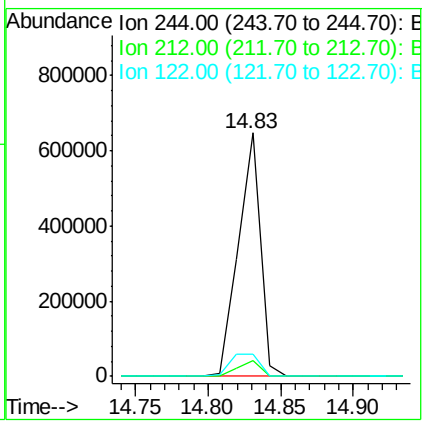


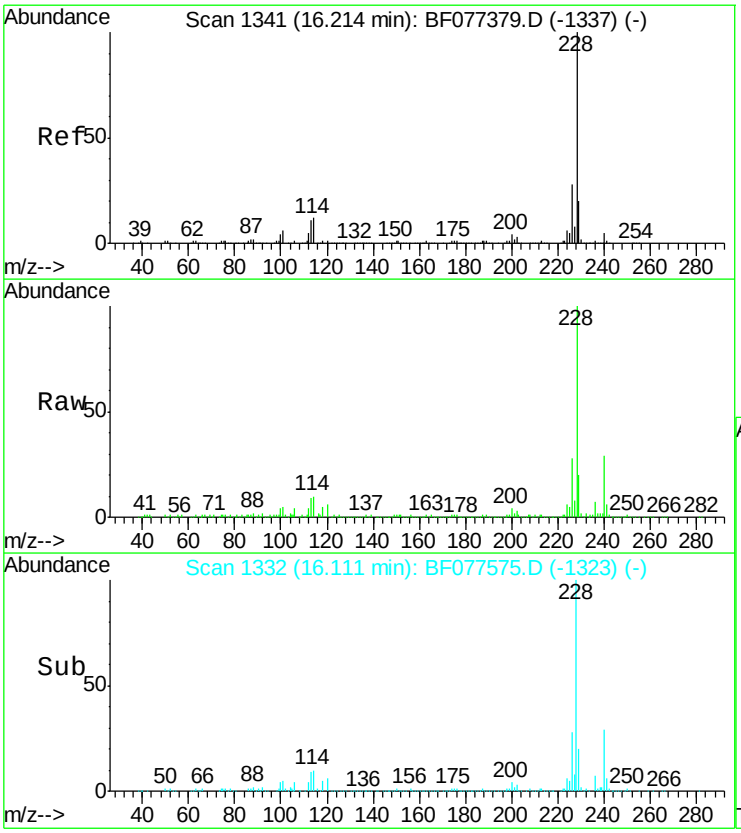
#78
Terphenyl-d14
Concen: 38.44 ng
RT: 14.83 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:244 Resp: 685282

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	9.0	7.8	11.8

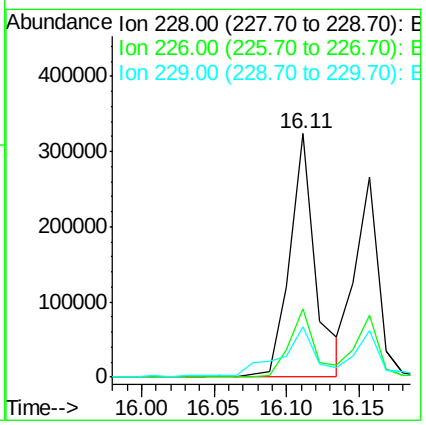


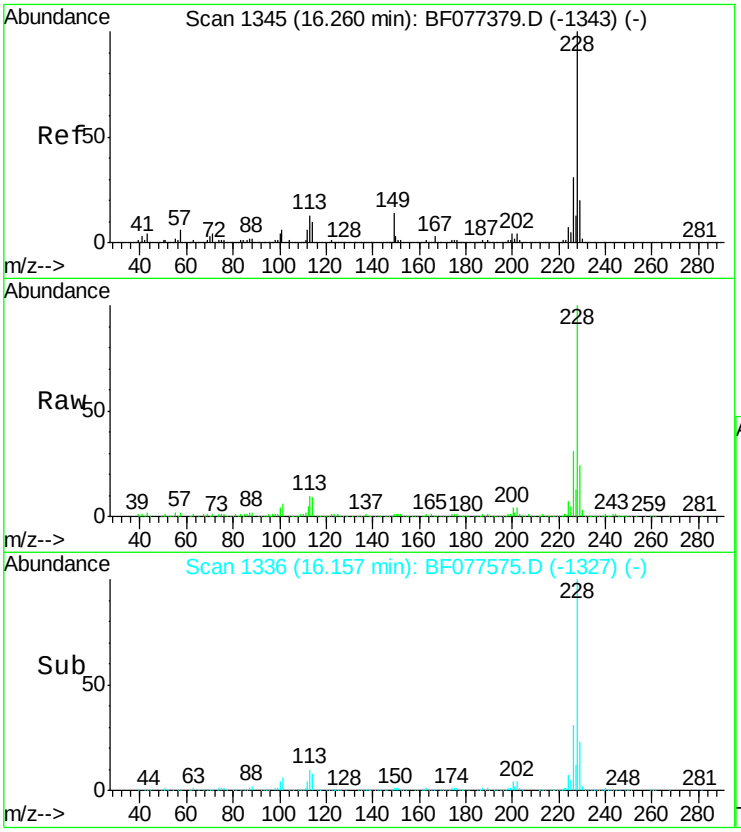


#80
Benzo(a)anthracene
Concen: 16.30 ng
RT: 16.11 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:228 Resp: 398055

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	20.5	15.8	23.8



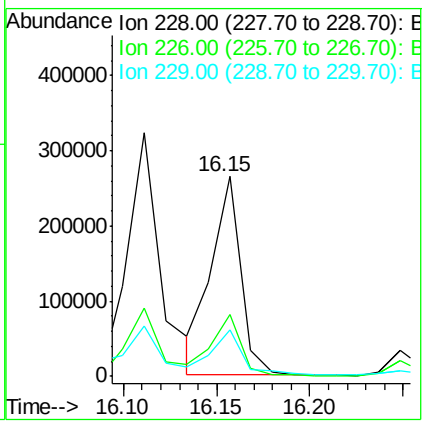


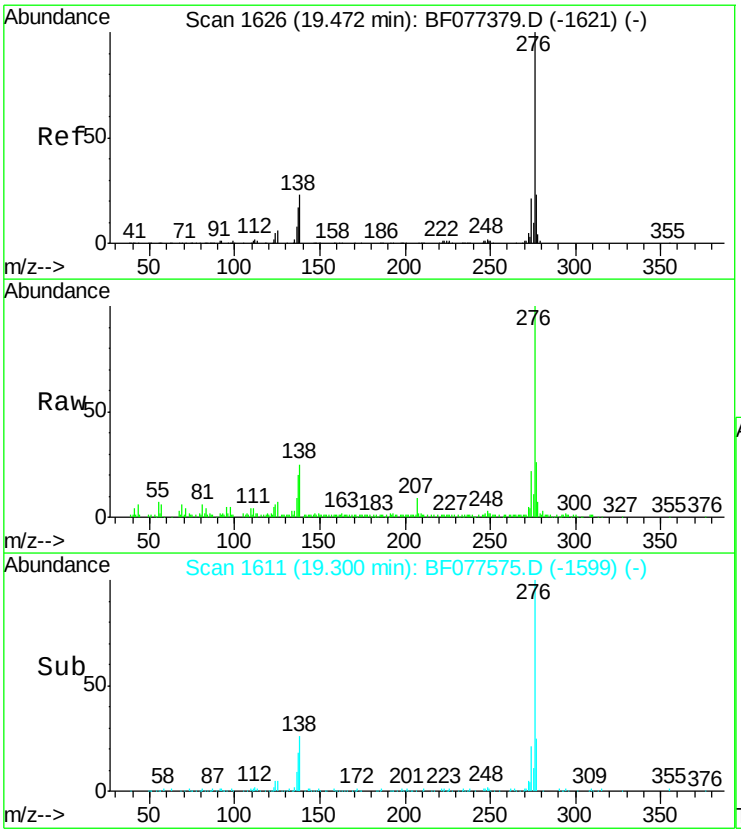
#82
Chrysene
Concen: 12.77 ng
RT: 16.15 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:228 Resp: 292901

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	23.5	16.4	24.6

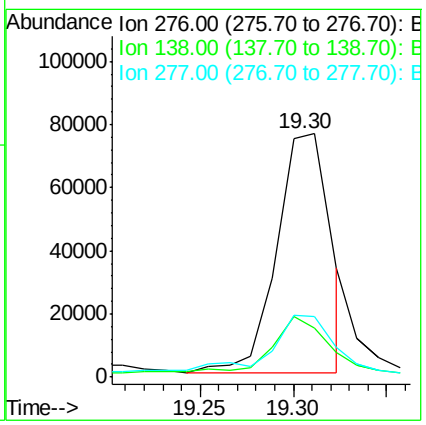


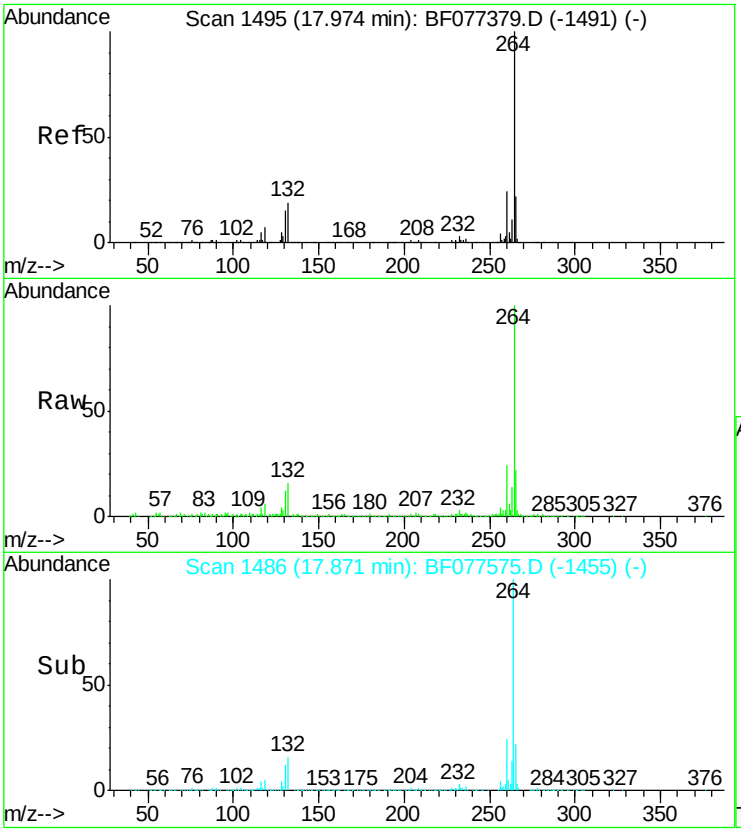


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.80 ng
RT: 19.30 min Scan# 1611
Delta R.T. 0.04 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:276 Resp: 151609

Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.2	31.8
277	27.3	20.0	30.0



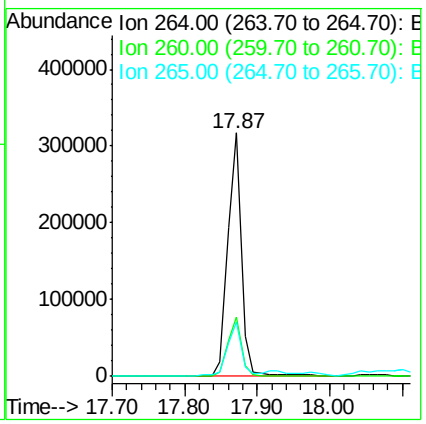


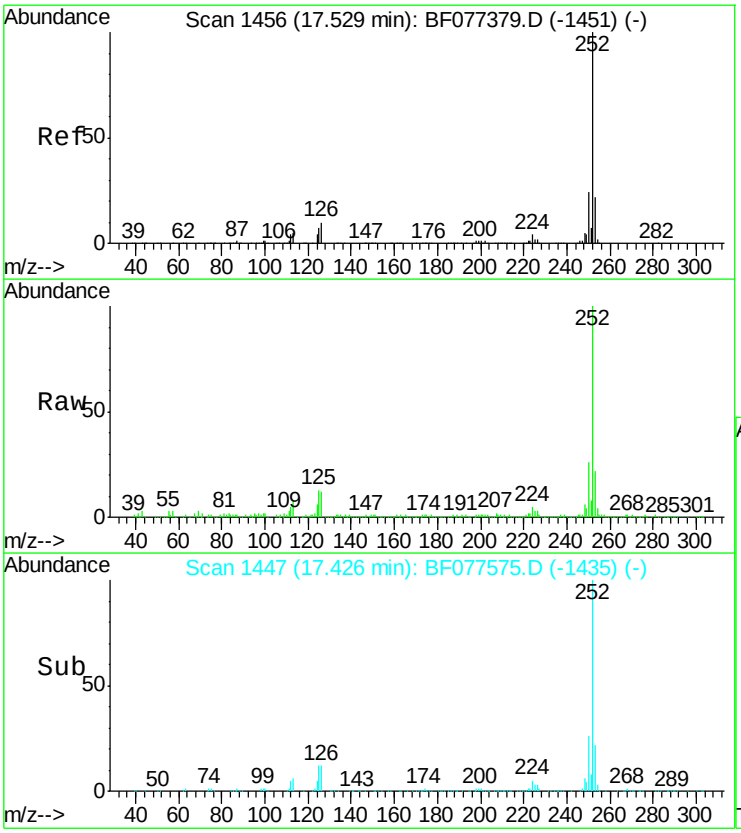
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1486
Delta R.T. 0.05 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:264 Resp: 412145

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	22.5	16.8	25.2

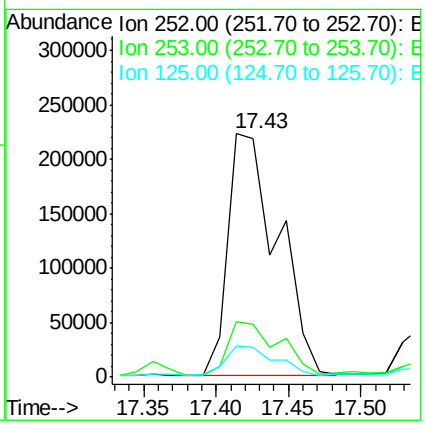


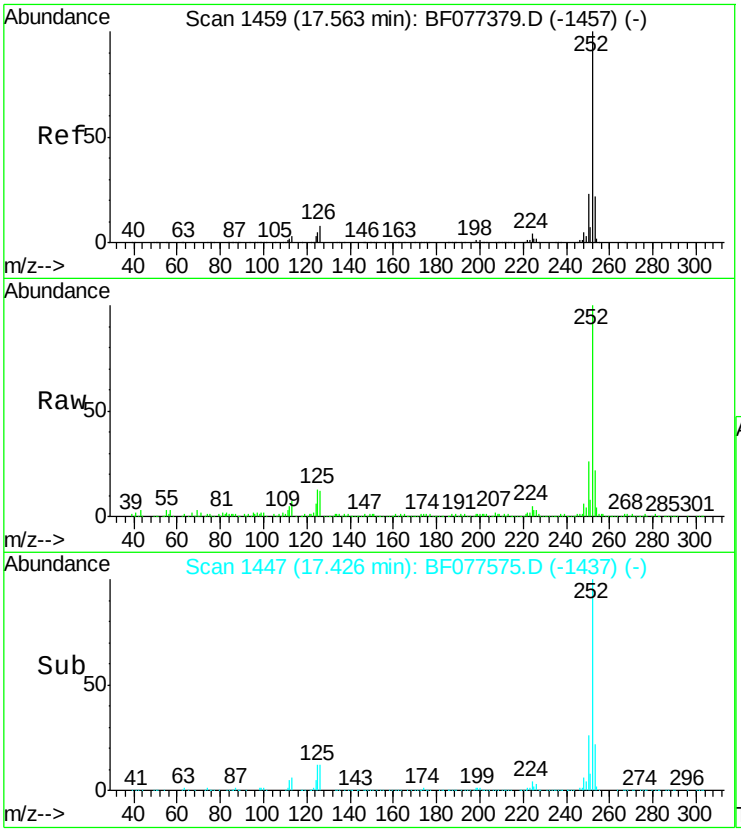


#87
Benzo(b)fluoranthene
Concen: 22.18 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.04 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:252 Resp: 531684

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.7	5.4	8.2#



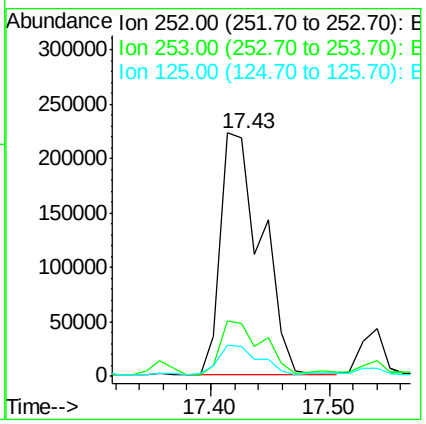


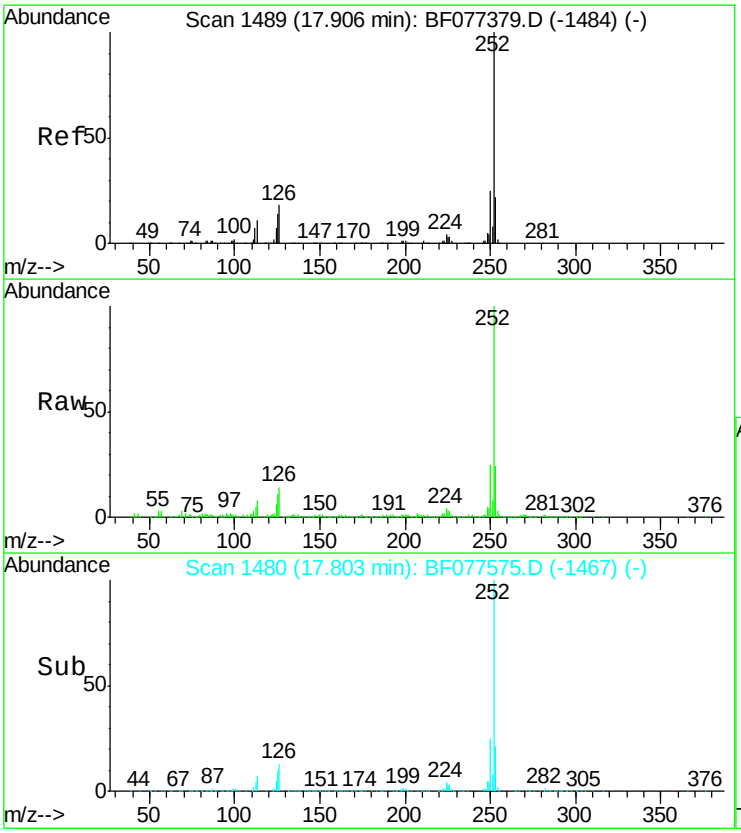
#88
Benzo(k)fluoranthene
Concen: 22.73 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.02 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:252 Resp: 533791

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.7	10.1	15.1

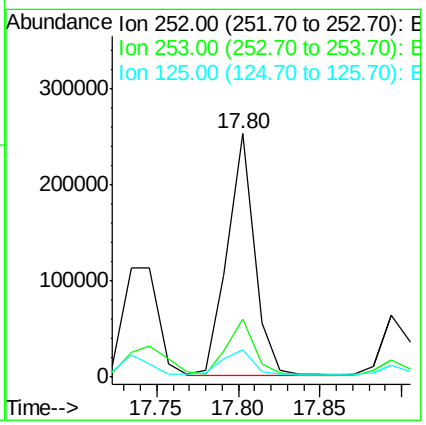


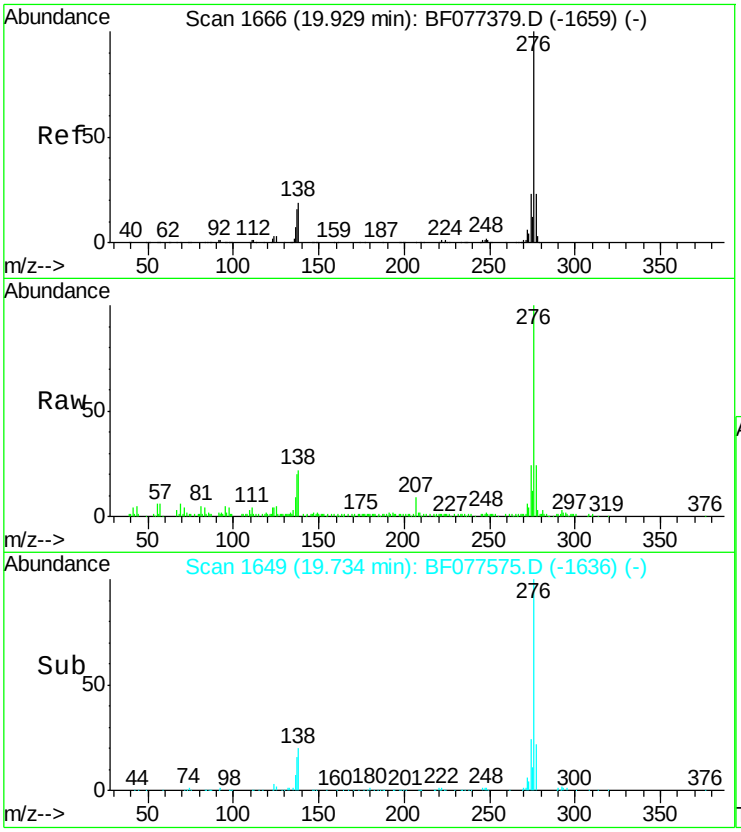


#89
Benzo(a)pyrene
Concen: 12.60 ng
RT: 17.80 min Scan# 1480
Delta R.T. 0.05 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Tgt Ion:252 Resp: 287686

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	11.1	8.3	12.5





#91
Benzo(g,h,i)perylene
Concen: 6.63 ng
RT: 19.73 min Scan# 1649
Delta R.T. 0.05 min
Lab File: BF077575.D
Acq: 4 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
SA-2

Tgt Ion:276 Resp: 145639

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	21.6	20.5	30.7