Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077570.D
Acq On : 4 Mar 2015 3:51
Operator : TP/IZ
Sample : G1402-05DL 100X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW44DL

Quant Time: Mar 04 04:58:56 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	80968	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	334185	20.00	ng		0.00
38) Acenaphthene-d10	10.99	164	167028	20.00	ng		0.00
63) Phenanthrene-d10	12.83	188	325312	20.00	ng		0.00
75) Chrysene-d12	16.12	240	318097	20.00	ng		0.00
86) Perylene-d12	17.79	264	329507	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	230	0.05	ng		0.00
7) Phenol-d6	6.80	99	261	0.04	ng		0.00
23) Nitrobenzene-d5	7.93	82	1746	0.32	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	10.16	172	1866	0.17	ng		0.00
78) Terphenyl-d14	14.82	244	2424	0.18	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.69	77	11870	3.14	ng	#	1
18) Hexachloroethane	7.90	117	14199	6.71	ng	#	1
31) Naphthalene	8.84	128	2563578	153.40	ng		96
37) 2-Methylnaphthalene	9.70	142	737560	62.15	ng		98
45) 1,1'-Biphenyl	10.28	154	147322	11.64	ng		99
48) Acenaphthylene	10.81	152	79987	5.09	ng	#	95
51) Acenaphthene	11.03	154	289605	30.89	ng		100
54) Dibenzofuran	11.24	168	33855	2.34	ng	#	89
57) Fluorene	11.66	166	261541	22.60	ng		99
70) Phenanthrene	12.86	178	1117120	59.25	ng		99
71) Anthracene	12.92	178	351239	18.77	ng		100
74) Fluoranthene	14.34	202	465782	22.61	ng		98
77) Pyrene	14.62	202	633260	32.54	ng		99
80) Benzo(a)anthracene	16.14	228	139075	7.46	ng		96
82) Chrysene	16.14	228	194319	11.10	ng		99
85) Indeno(1,2,3-cd)pyrene	19.22	276	65130	3.26	ng		97
87) Benzo(b)fluoranthene	17.37	252	190006	9.92	ng	#	96
88) Benzo(k)fluoranthene	17.37	252	191074	10.18	ng		99
89) Benzo(a)pyrene	17.73	252	181899	9.97	ng	#	96
91) Benzo(g,h,i)perylene	19.64	276	76705	4.37	ng		94

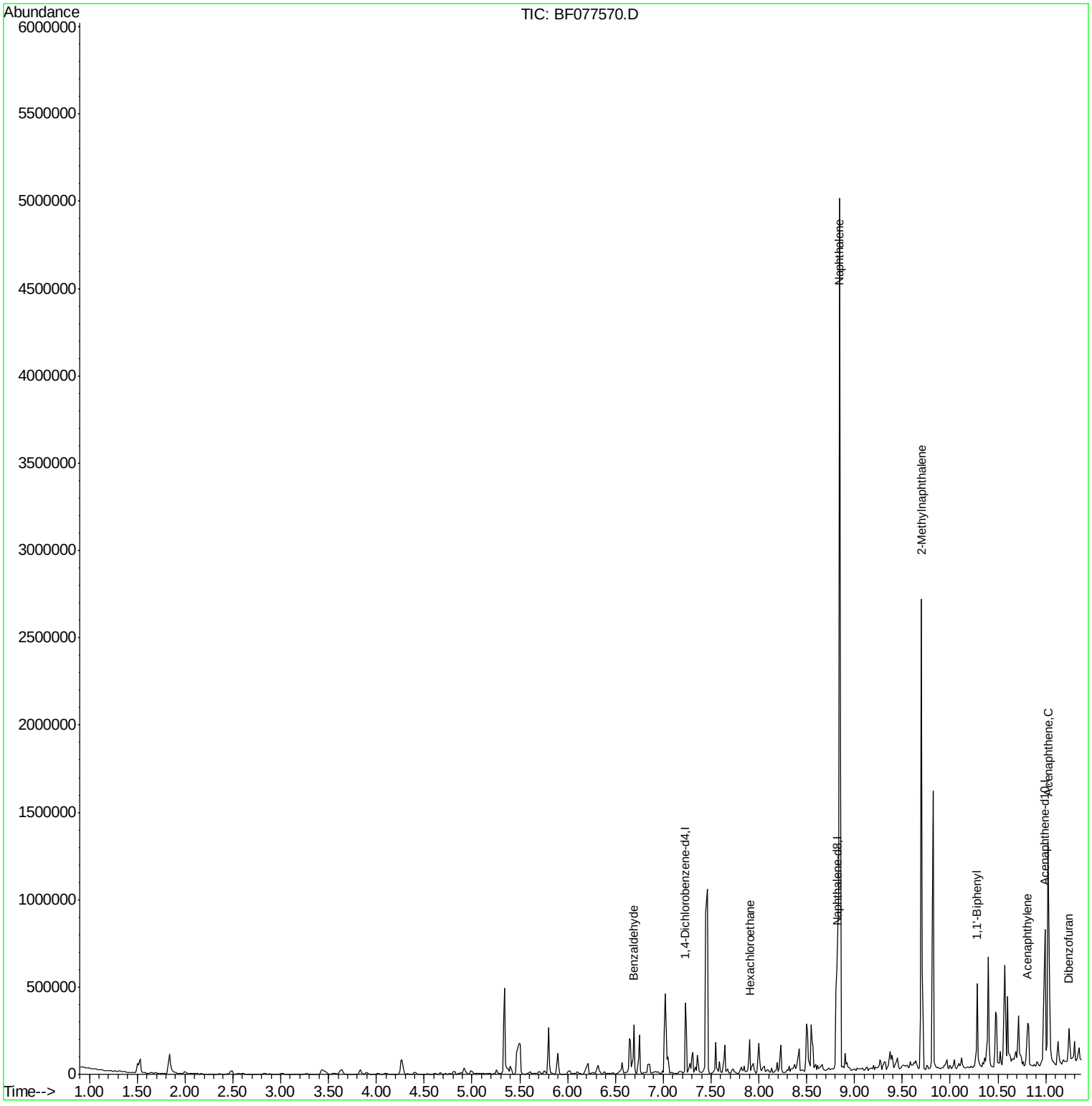
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077570.D
Acq On : 4 Mar 2015 3:51
Operator : TP/IZ
Sample : G1402-05DL 100X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW44DL

Quant Time: Mar 04 04:58:56 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

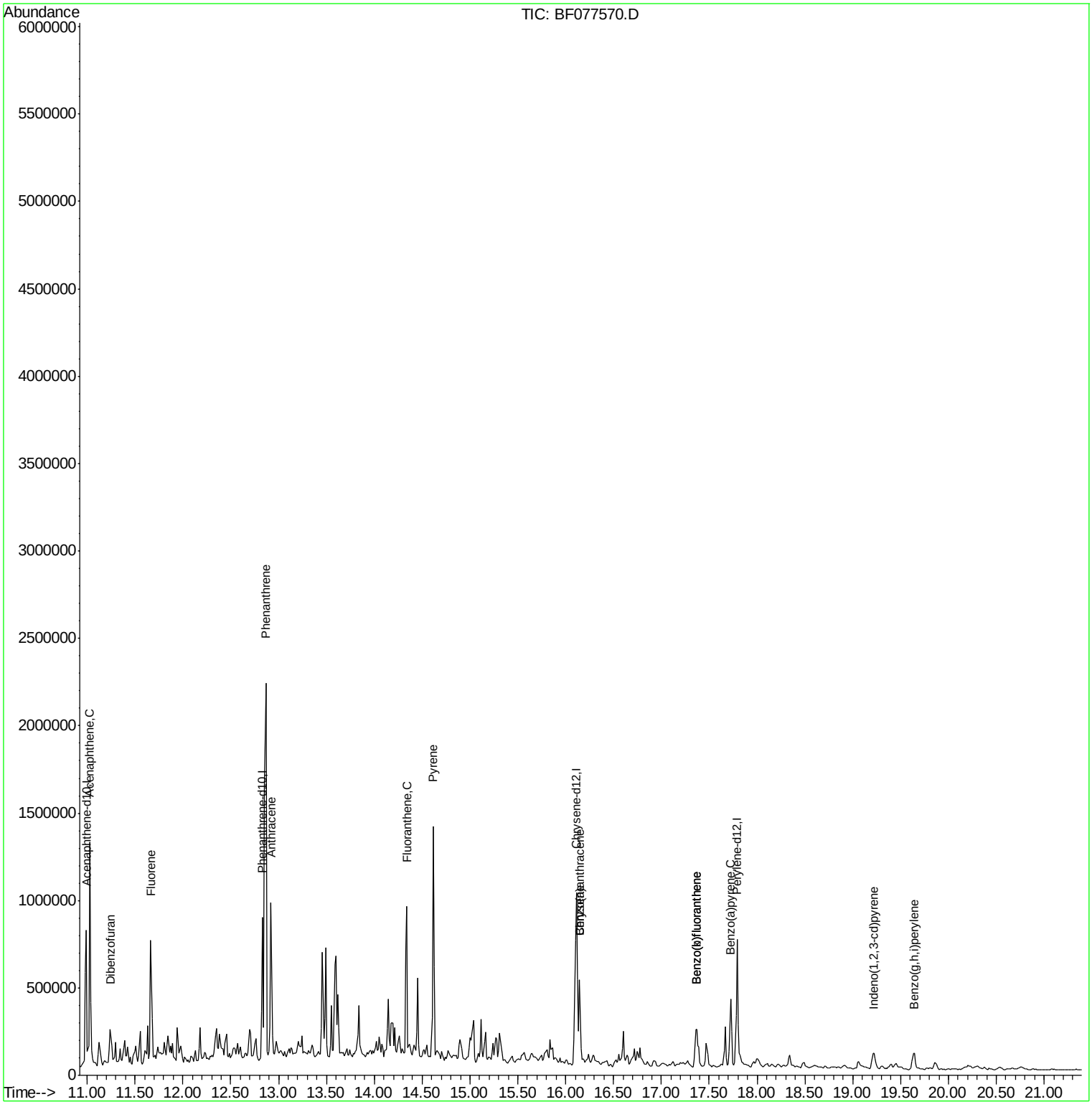


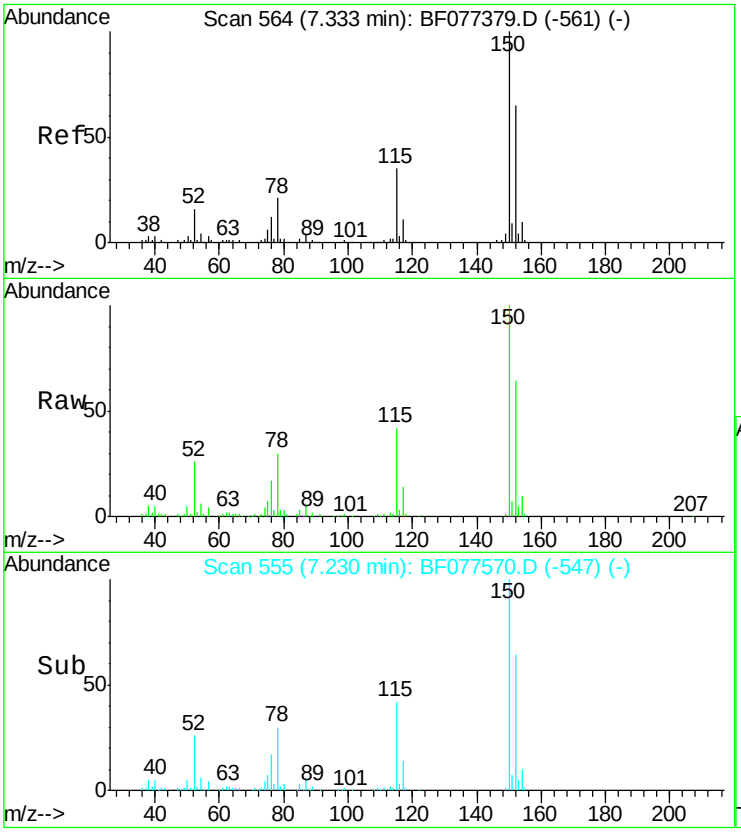
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077570.D
Acq On : 4 Mar 2015 3:51
Operator : TP/IZ
Sample : G1402-05DL 100X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW44DL

Quant Time: Mar 04 04:58:56 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



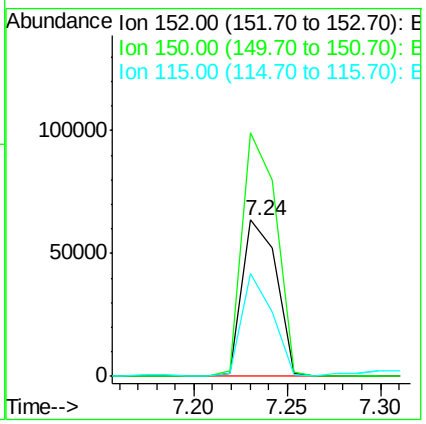


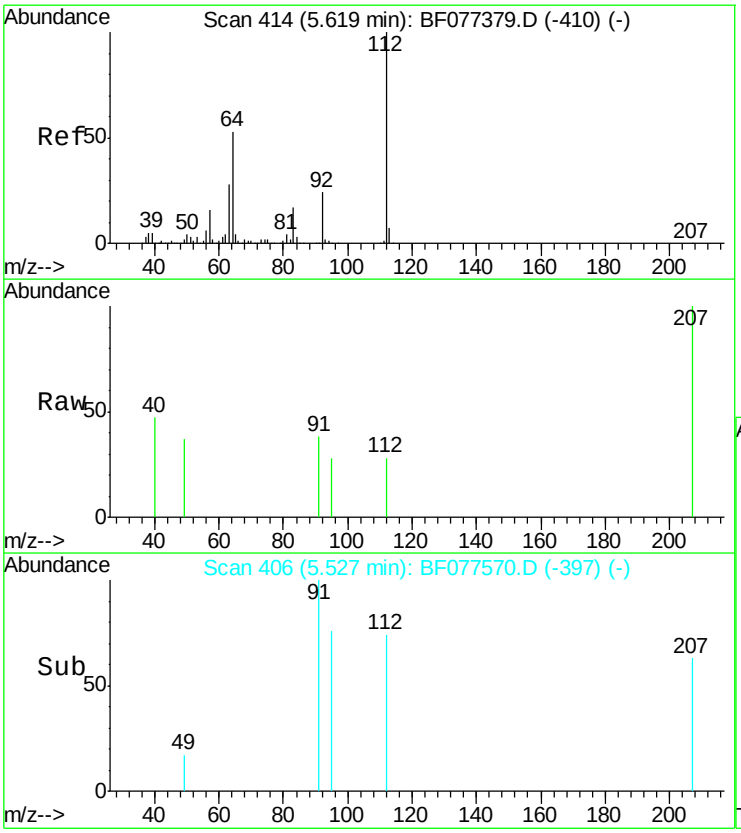
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:152 Resp: 80968

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.0	186.0
115	66.1	49.4	74.2

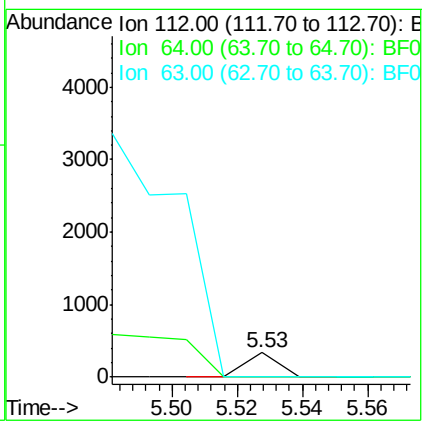


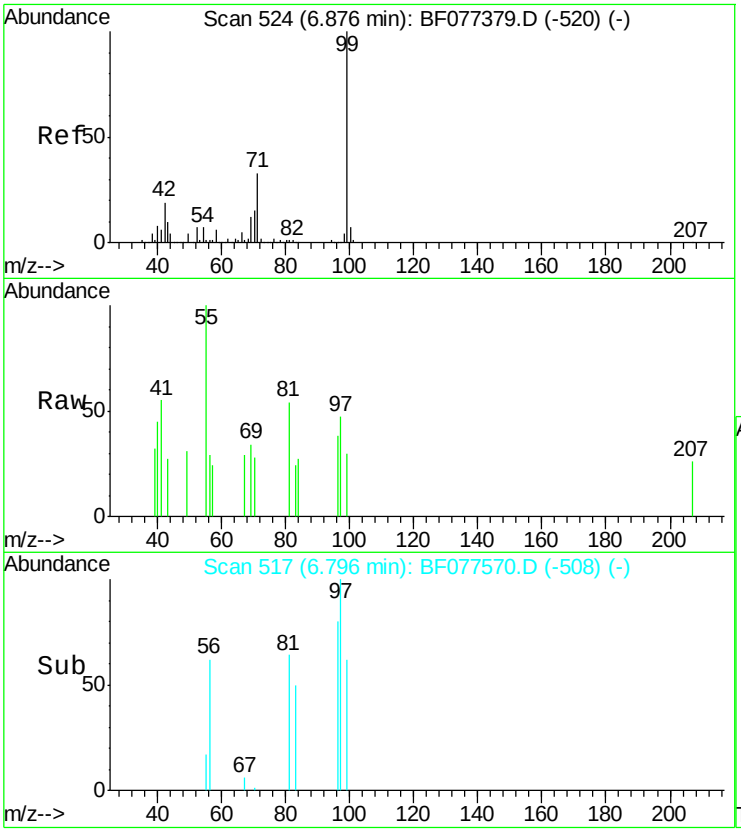


#5
2-Fluorophenol
Concen: 0.05 ng
RT: 5.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:112 Resp: 230

Ion	Ratio	Lower	Upper
112	100		
64	0.0	48.5	72.7#
63	0.0	25.0	37.4#



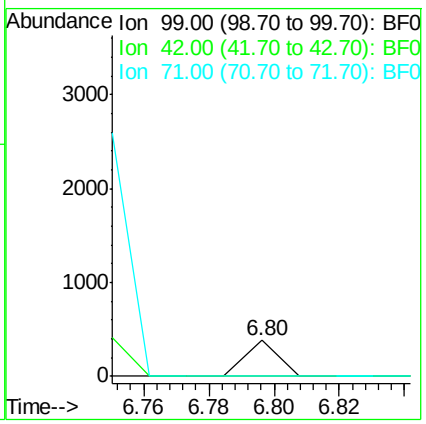


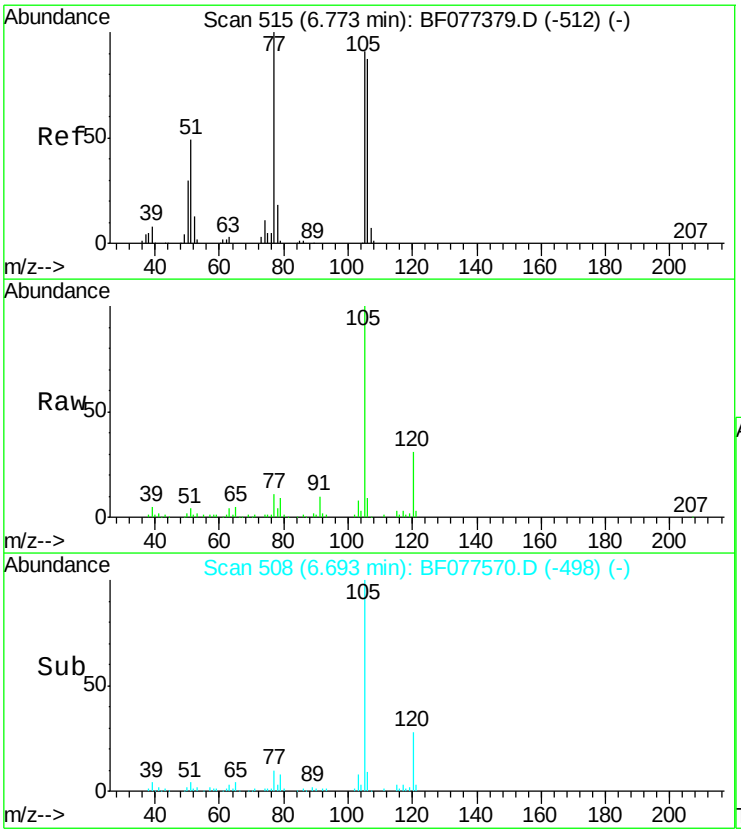
#7
Phenol-d6
Concen: 0.04 ng
RT: 6.80 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion: 99 Resp: 261

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.2	24.4#
71	0.0	26.7	40.1#

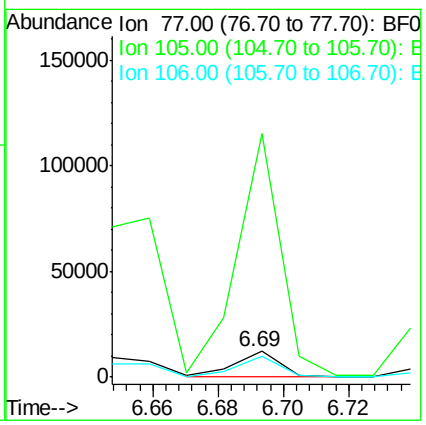


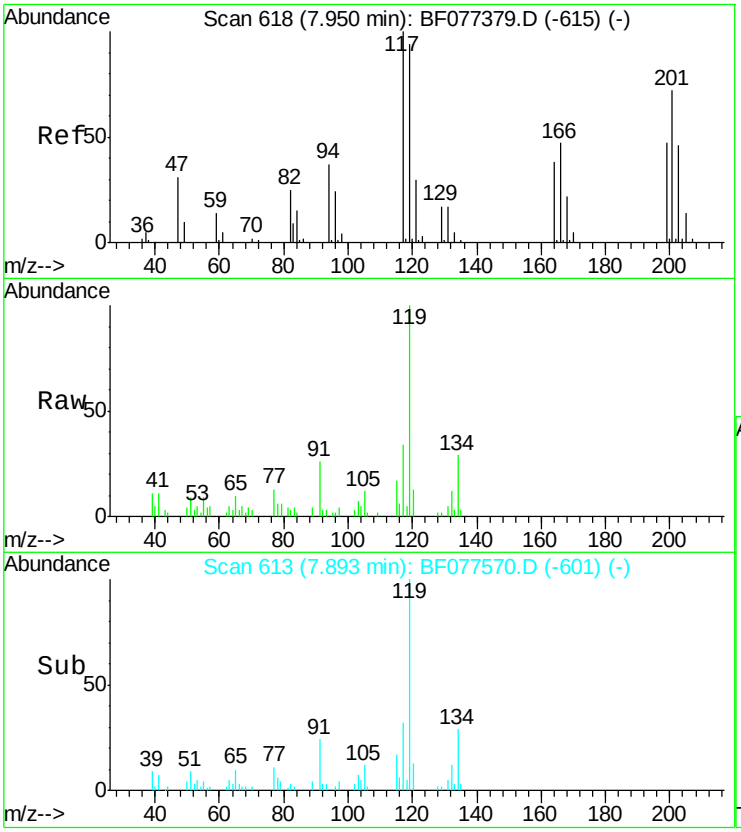


#9
Benzaldehyde
Concen: 3.14 ng
RT: 6.69 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion: 77 Resp: 11870

Ion	Ratio	Lower	Upper
77	100		
105	950.4	85.9	125.9#
106	81.7	82.9	122.9#



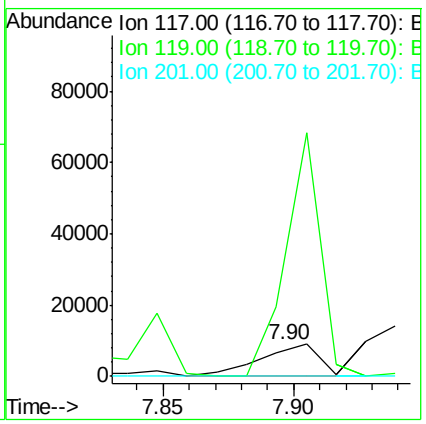


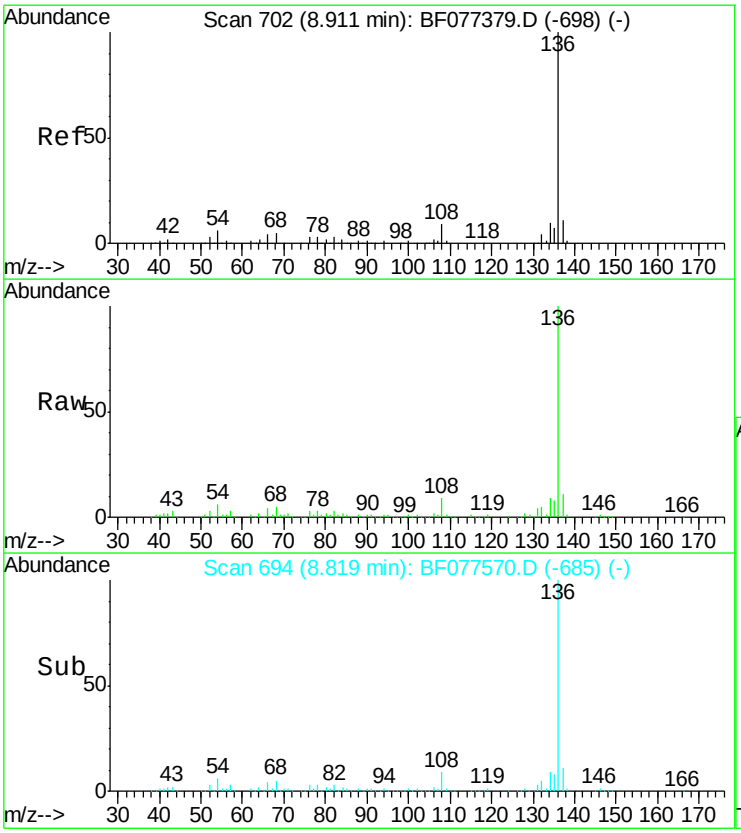
#18
Hexachloroethane
Concen: 6.71 ng
RT: 7.90 min Scan# 613
Delta R.T. 0.04 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:117 Resp: 14199

Ion	Ratio	Lower	Upper
117	100		
119	295.1	77.8	116.8#
201	0.0	90.6	136.0#

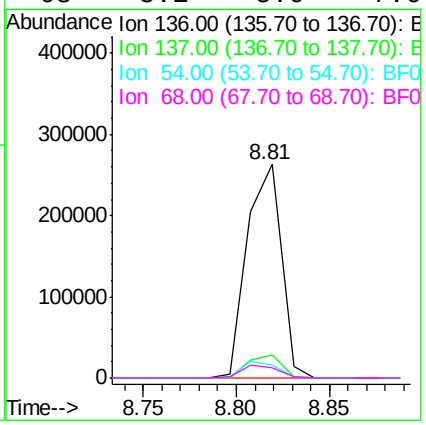


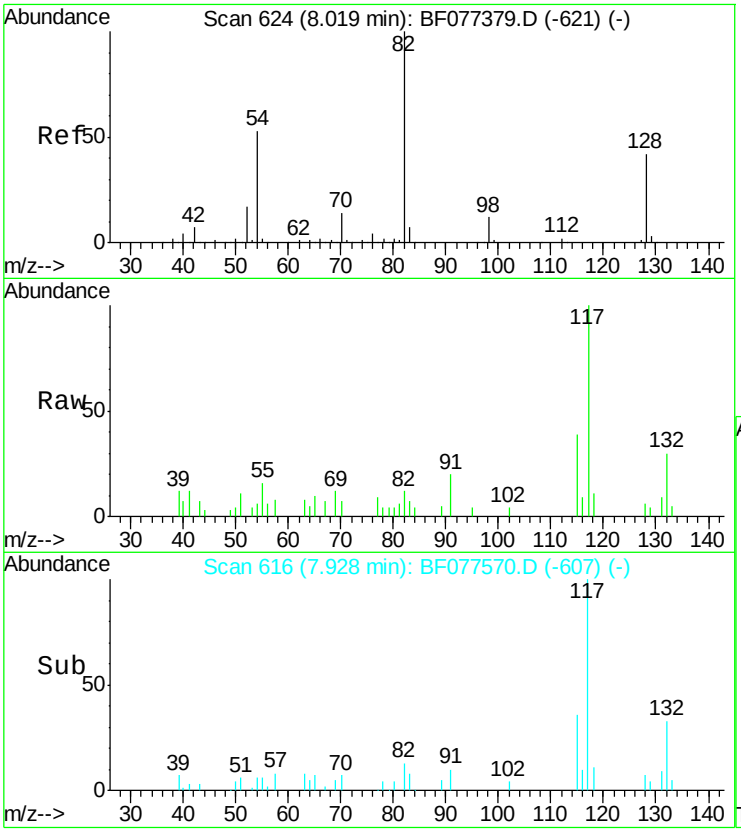


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:136 Resp: 334185

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.0	6.2	9.4#
68	5.1	5.0	7.6



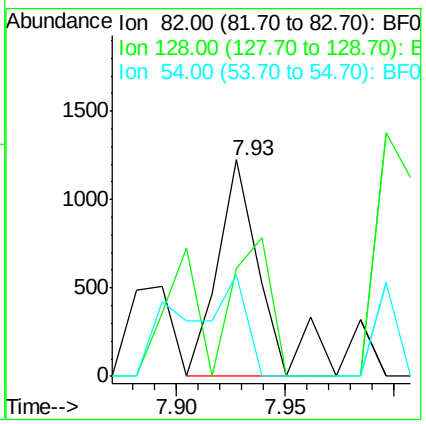


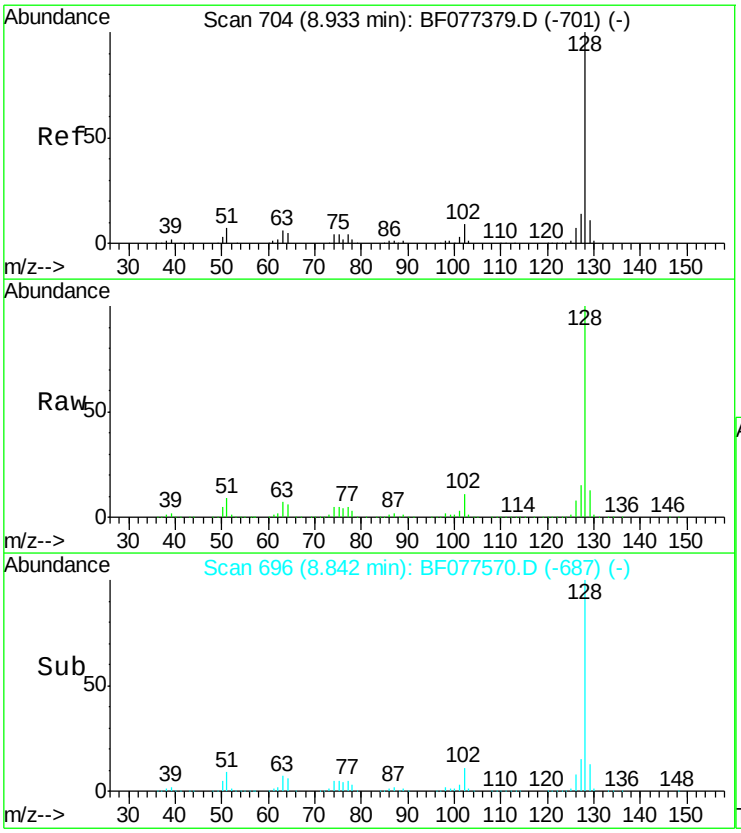
#23
Nitrobenzene-d5
Concen: 0.32 ng
RT: 7.93 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion: 82 Resp: 1746

Ion	Ratio	Lower	Upper
82	100		
128	50.0	43.8	65.8
54	47.0	36.7	55.1

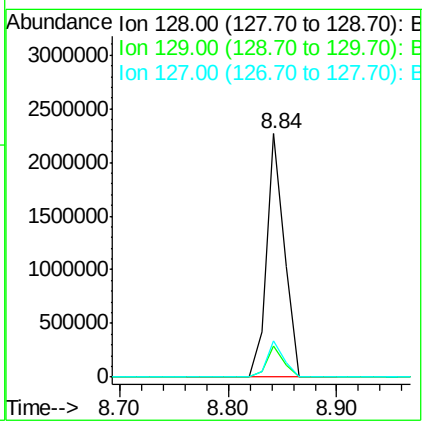


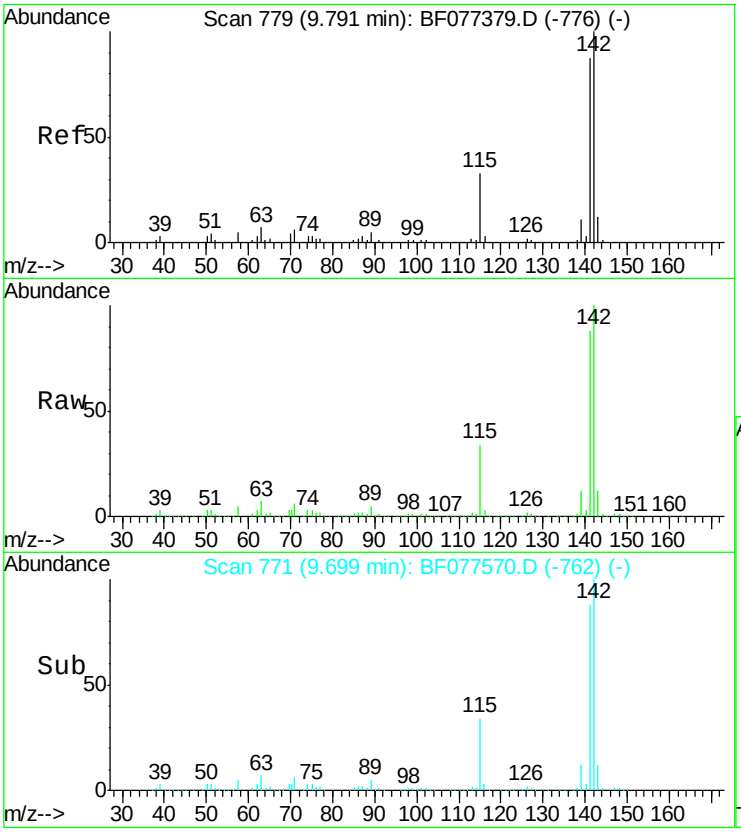


#31
Naphthalene
Concen: 153.40 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:128 Resp: 2563578

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.4	14.0
127	14.8	10.6	15.8



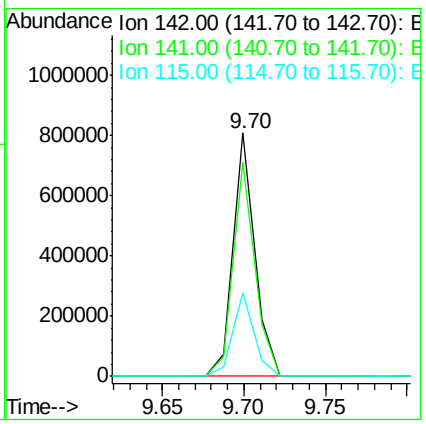


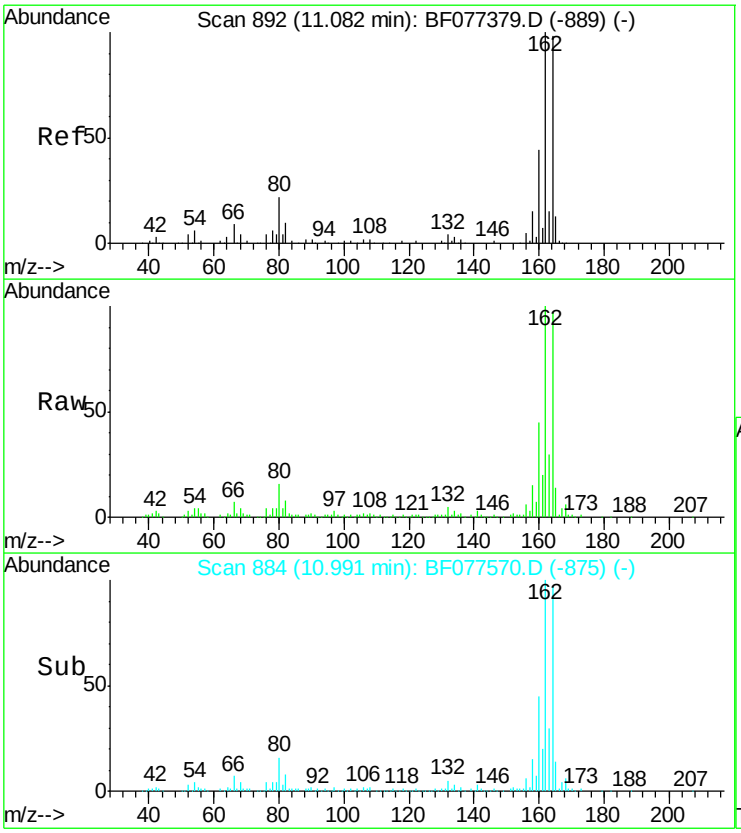
#37
2-Methylnaphthalene
Concen: 62.15 ng
RT: 9.70 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:142 Resp: 737560

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.7	106.1
115	34.2	24.2	36.4

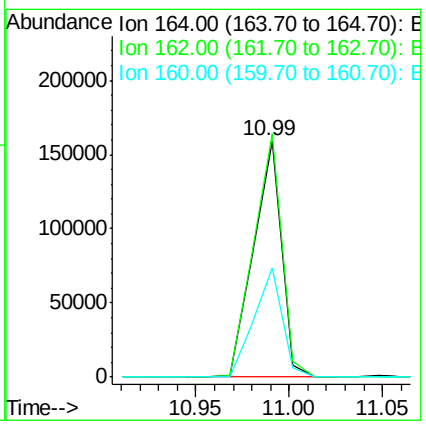


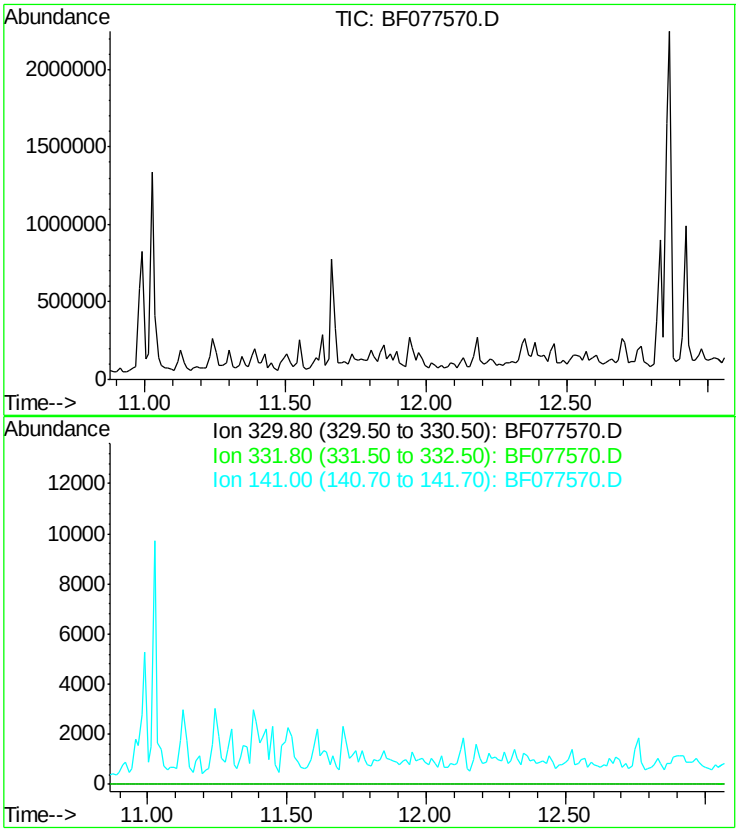


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:164 Resp: 167028

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.2	124.8
160	46.0	34.6	52.0





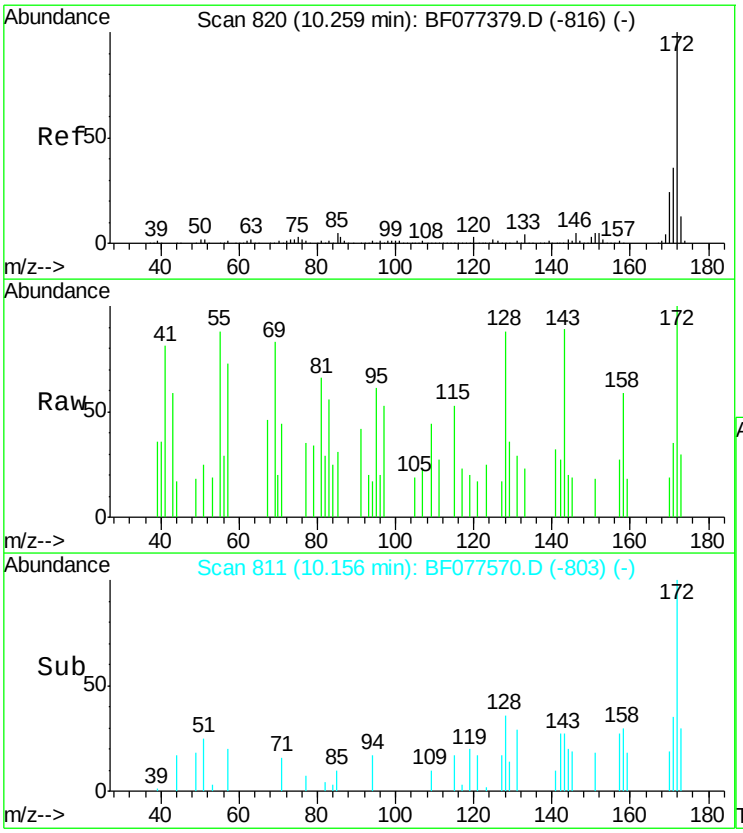
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 11.97 min

Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.8
141	36.0

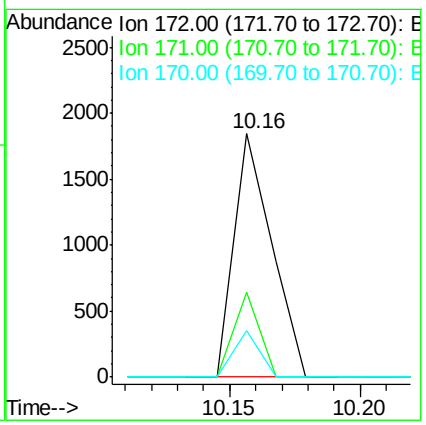
Instrument :
BNA_F
ClientSampleId :
MW44DL

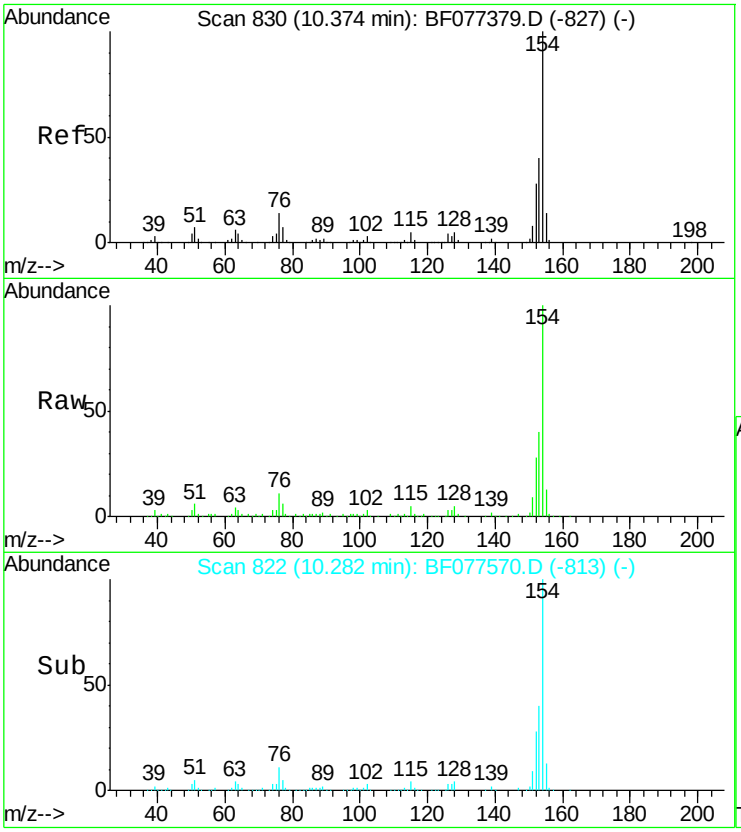


#44
2-Fluorobiphenyl
Concen: 0.17 ng
RT: 10.16 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:172 Resp: 1866

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	19.0	19.4	29.2#



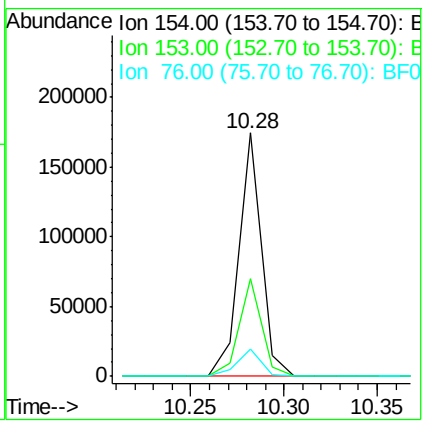


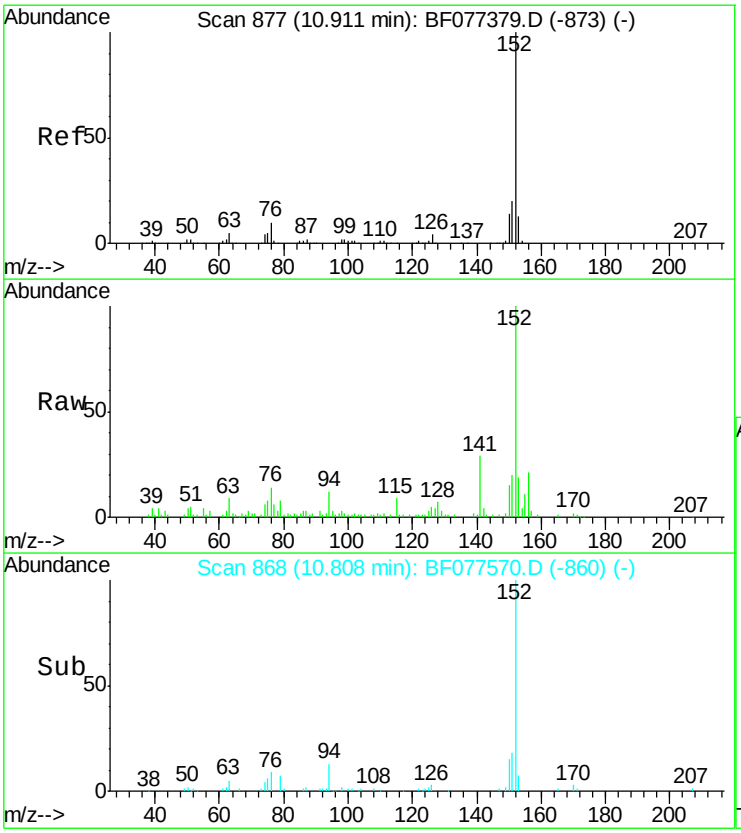
#45
1,1'-Biphenyl
Concen: 11.64 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:154 Resp: 147322

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	11.3	0.0	29.4

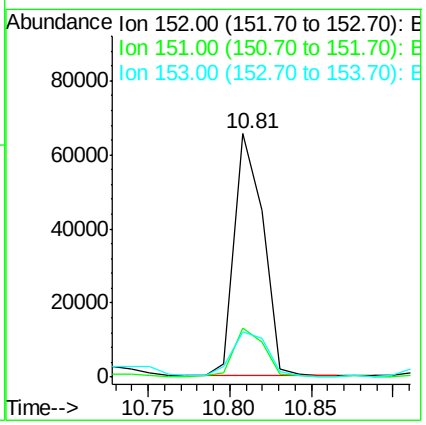


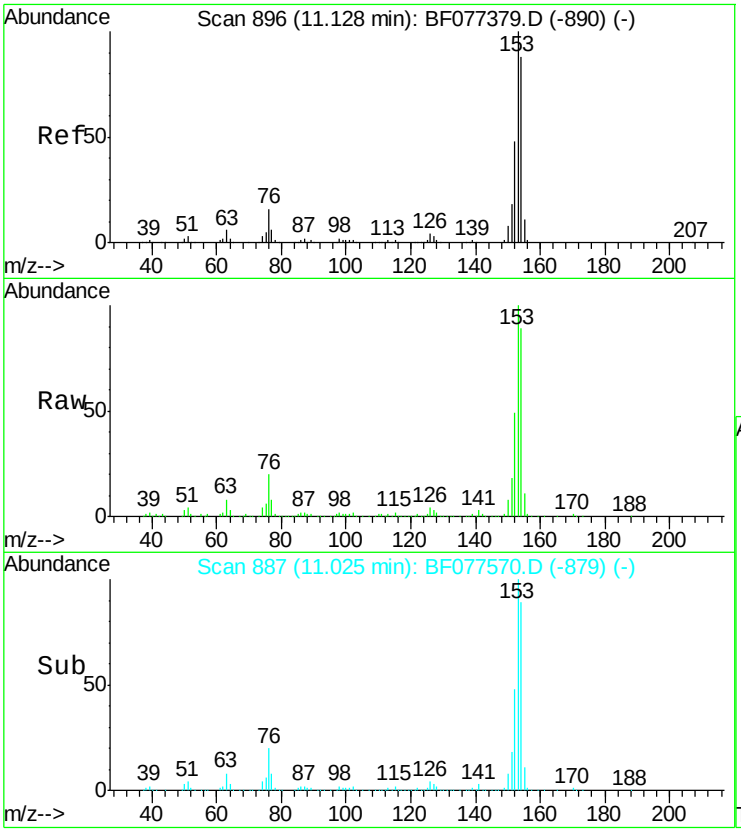


#48
Acenaphthylene
Concen: 5.09 ng
RT: 10.81 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:152 Resp: 79987

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	18.7	10.9	16.3#



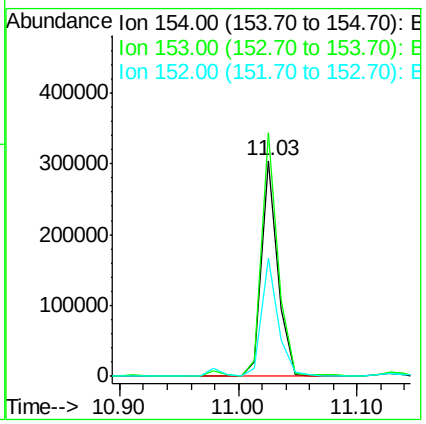


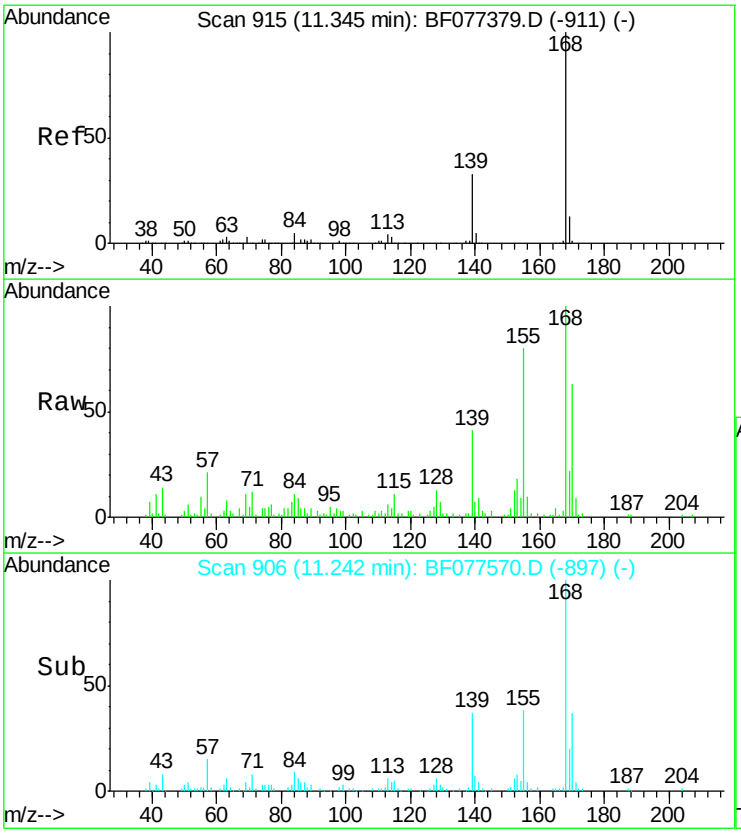
#51
Acenaphthene
Concen: 30.89 ng
RT: 11.03 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:154 Resp: 289605

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.5	135.7
152	54.8	43.5	65.3

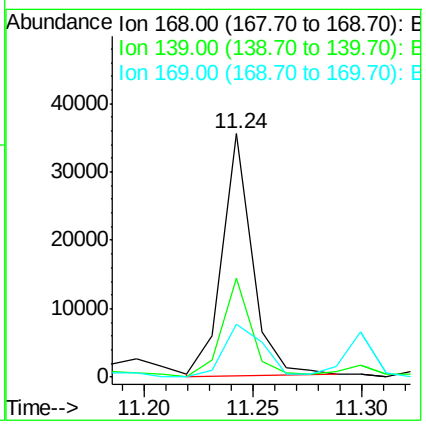


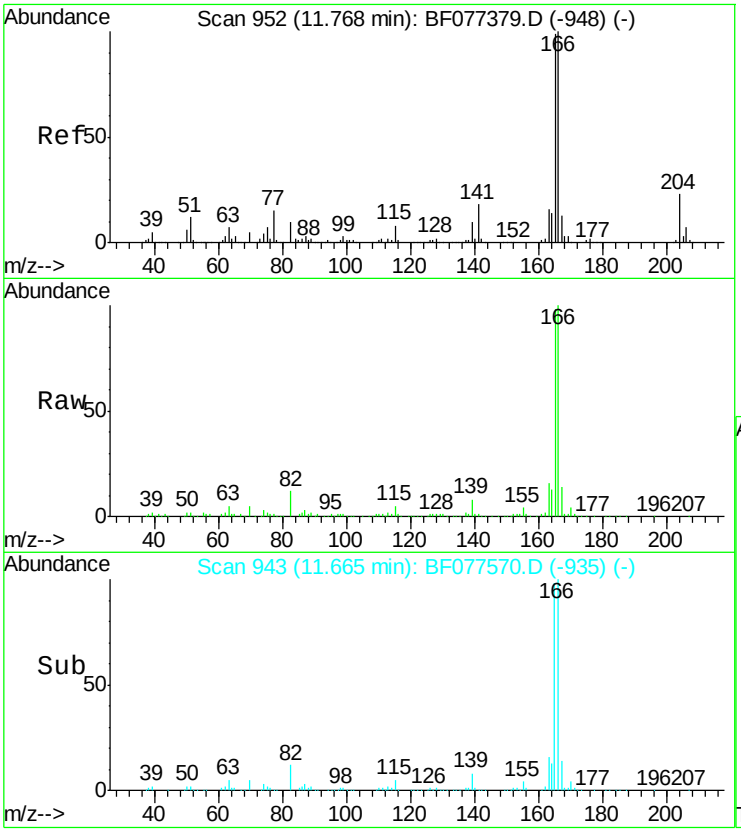


#54
Dibenzofuran
Concen: 2.34 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:168 Resp: 33855

Ion	Ratio	Lower	Upper
168	100		
139	40.9	29.3	43.9
169	21.9	10.9	16.3#



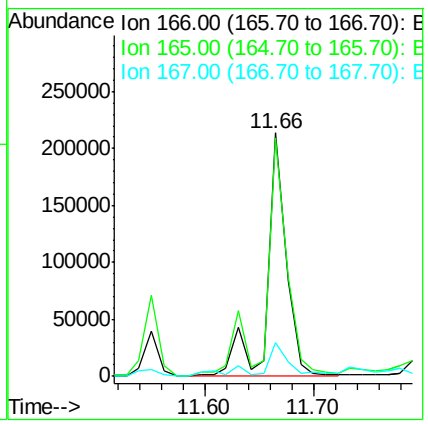


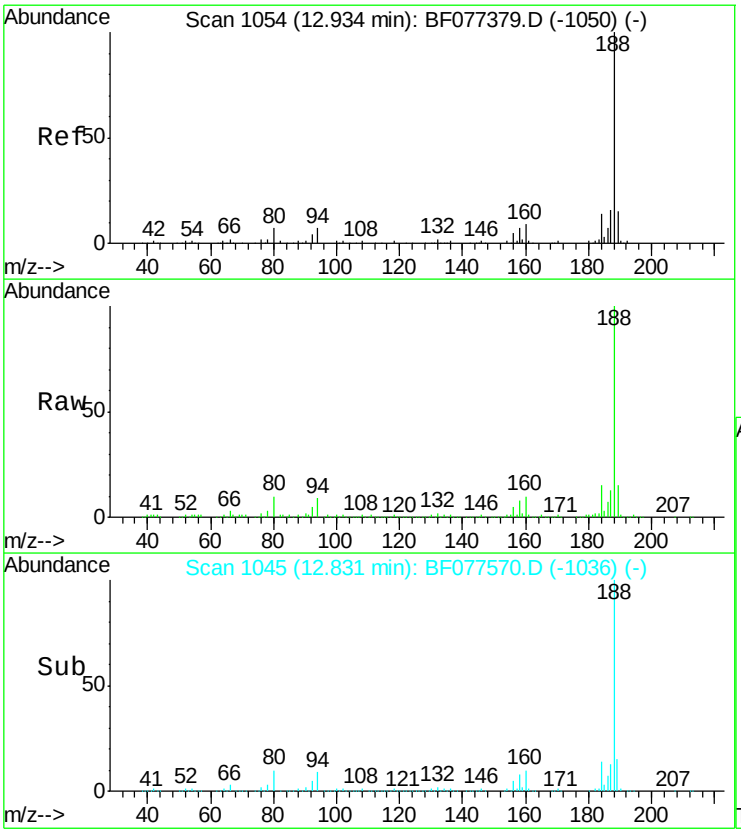
#57
Fluorene
Concen: 22.60 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:166 Resp: 261541

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.6	116.4
167	14.0	10.6	16.0

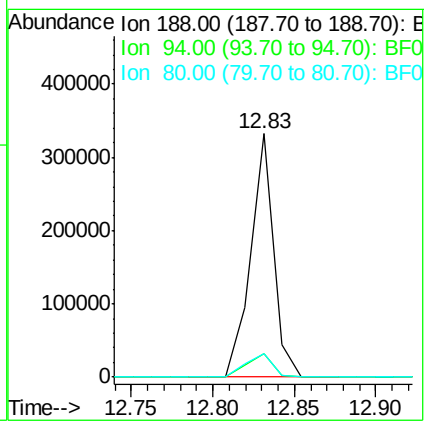


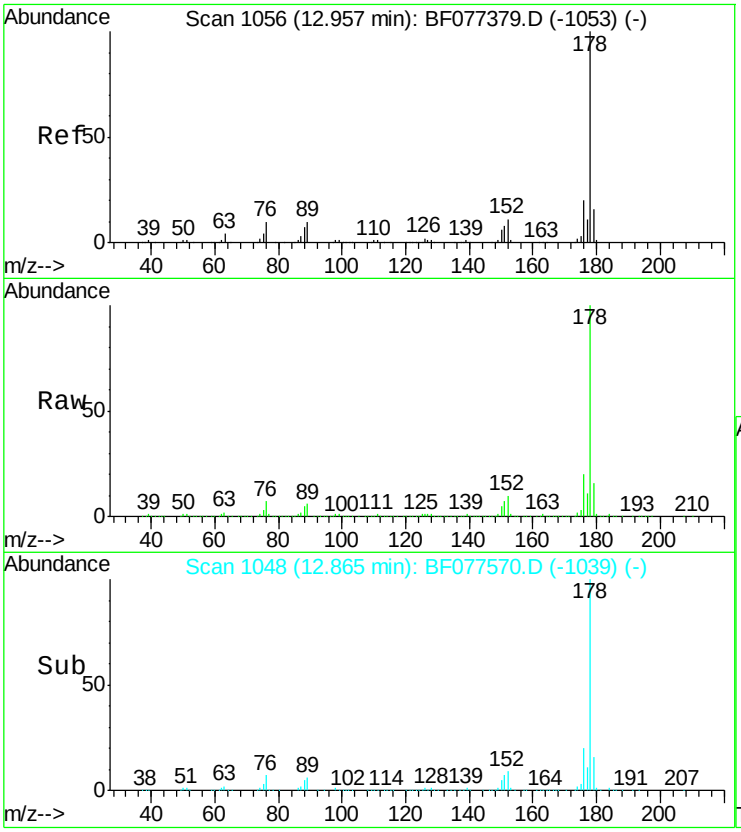


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:188 Resp: 325312

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	9.6	8.0	12.0



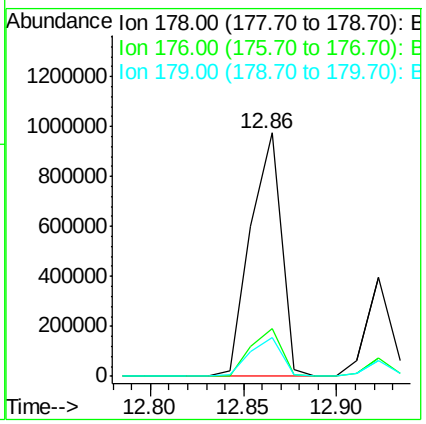


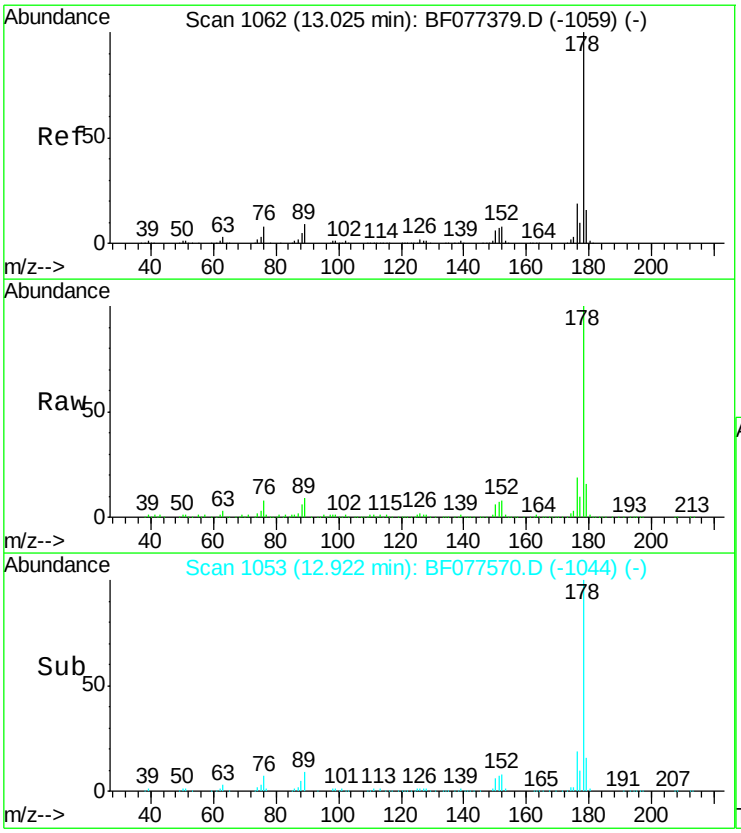
#70
Phenanthrene
Concen: 59.25 ng
RT: 12.86 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:178 Resp: 1117120

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	16.0	12.2	18.2

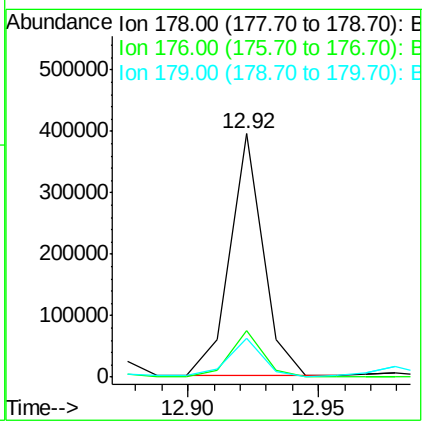


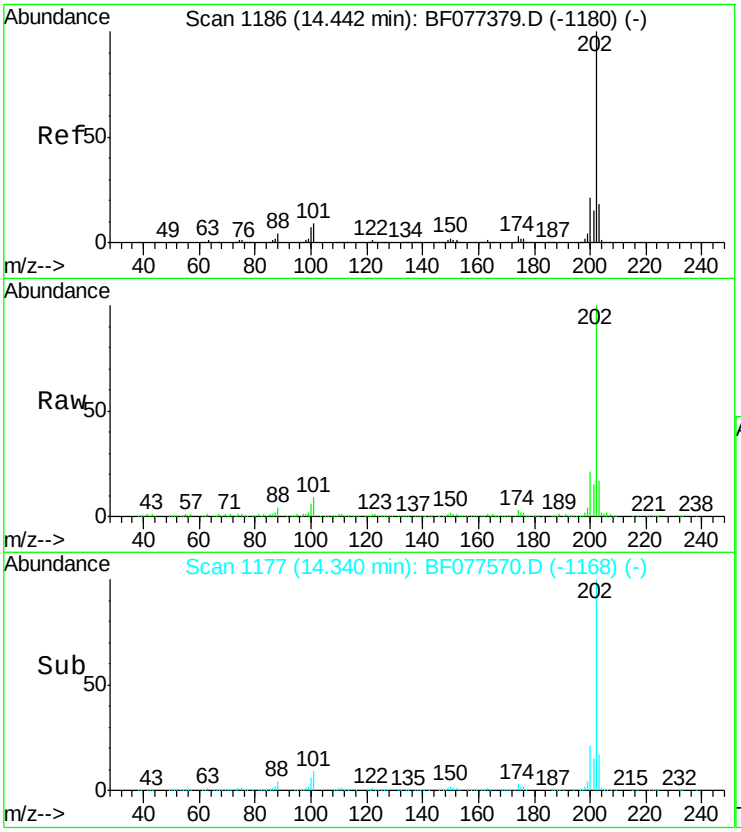


#71
Anthracene
Concen: 18.77 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:178 Resp: 351239

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.1	12.9	19.3



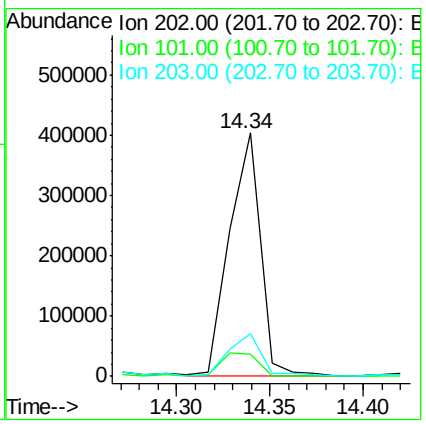


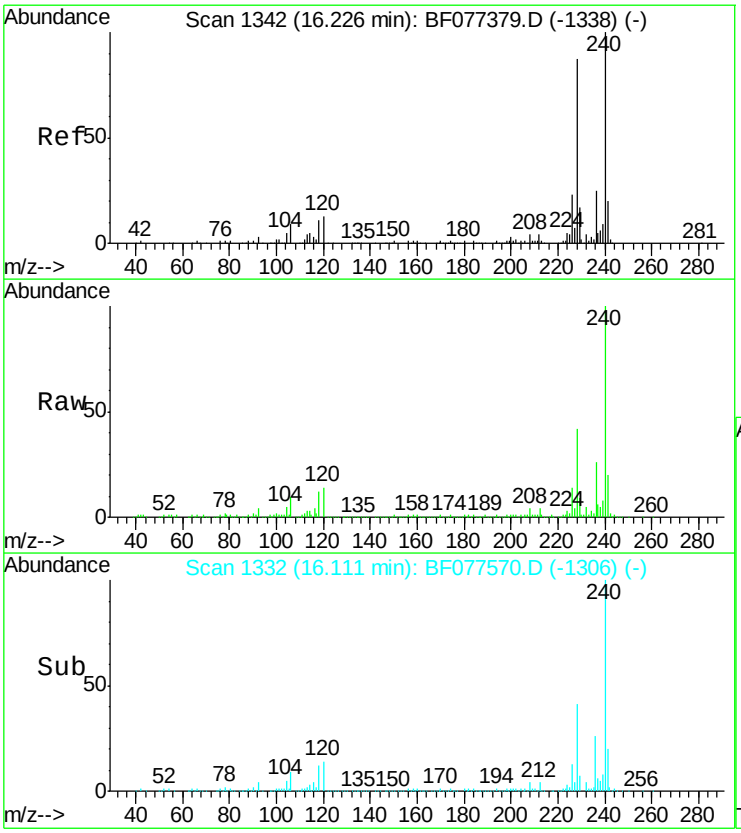
#74
Fluoranthene
Concen: 22.61 ng
RT: 14.34 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:202 Resp: 465782

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.8
203	17.4	0.0	37.7

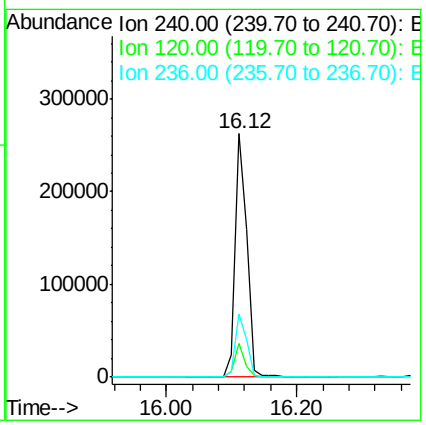


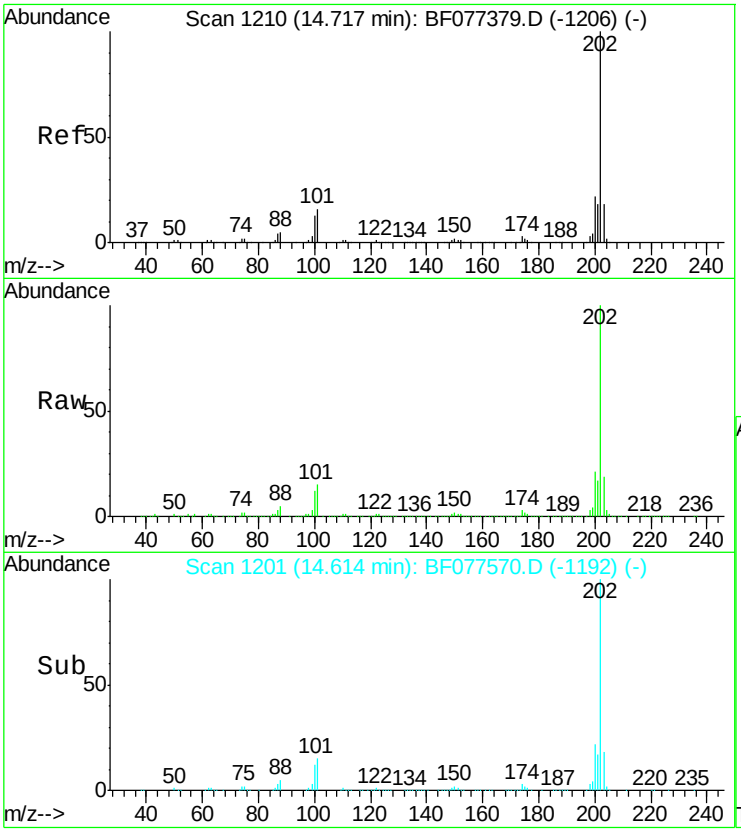


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:240 Resp: 318097

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.8	13.2#
236	25.7	20.7	31.1



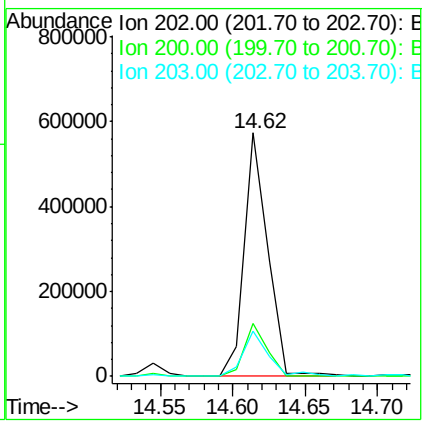


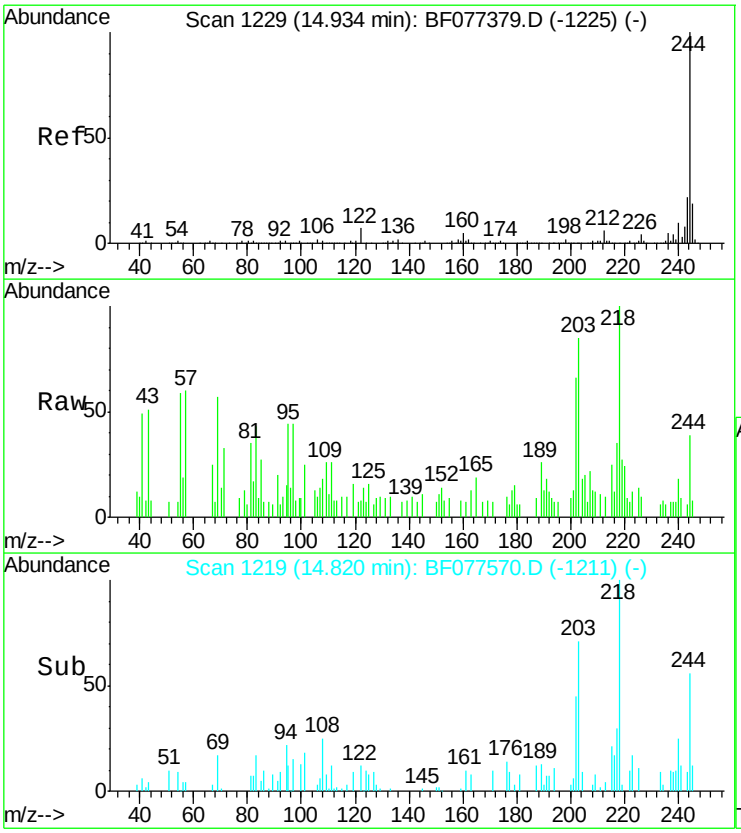
#77
Pyrene
Concen: 32.54 ng
RT: 14.62 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:202 Resp: 633260

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.7	14.2	21.2

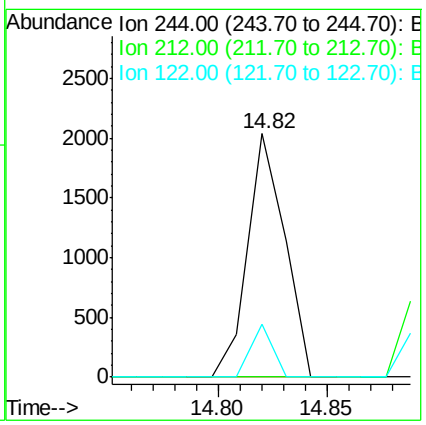


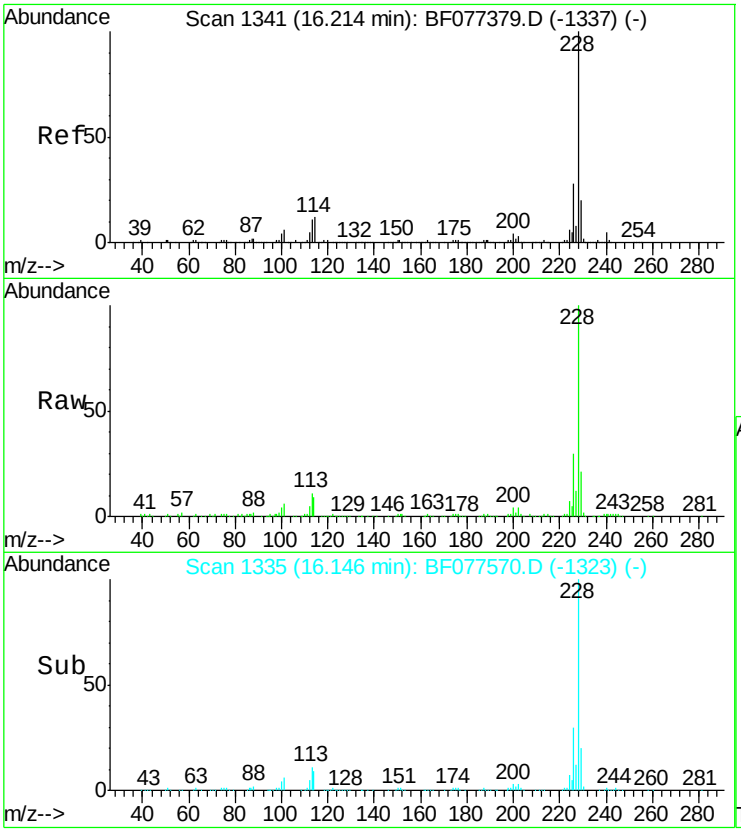


#78
Terphenyl-d14
Concen: 0.18 ng
RT: 14.82 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:244 Resp: 2424

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.2	7.8#
122	21.7	7.8	11.8#



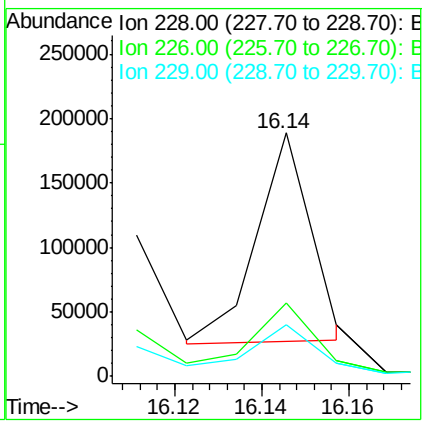


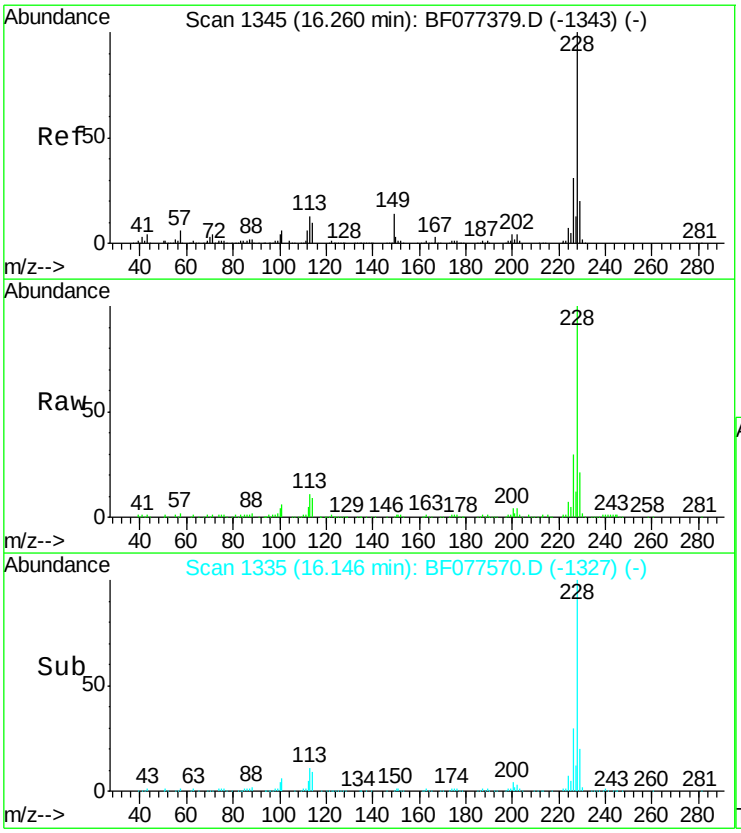
#80
Benzo(a)anthracene
Concen: 7.46 ng
RT: 16.14 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:228 Resp: 139075

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.0	33.0
229	21.0	15.8	23.8

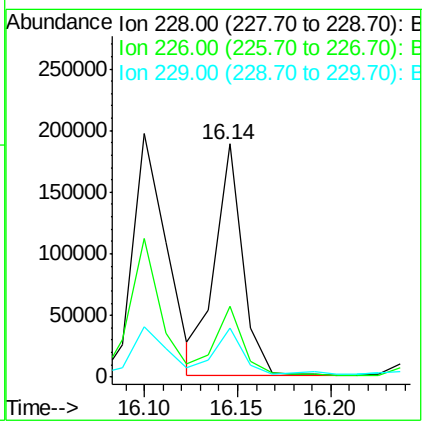


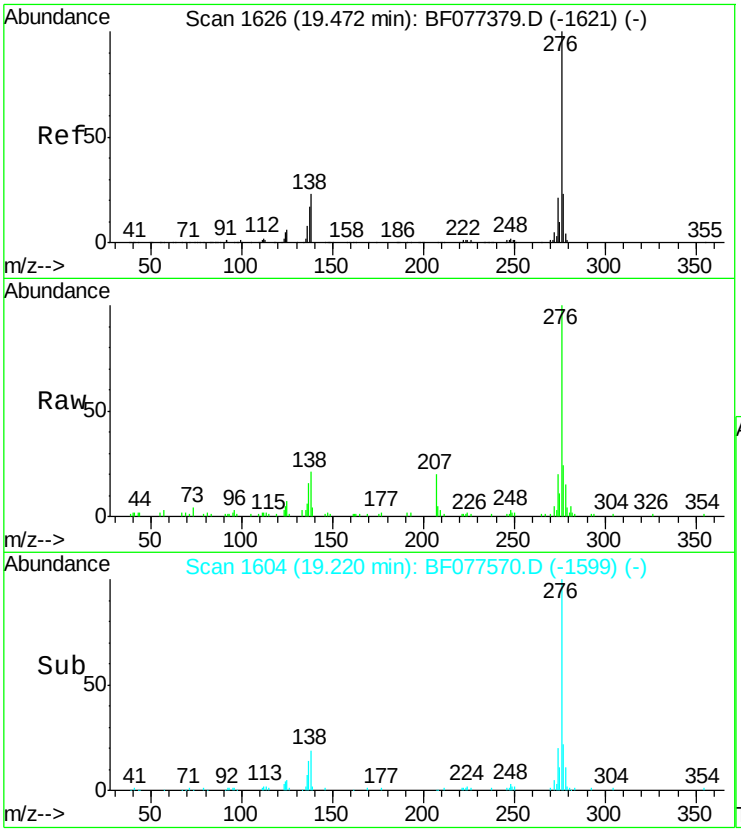


#82
Chrysene
Concen: 11.10 ng
RT: 16.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:228 Resp: 194319

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.0	16.4	24.6



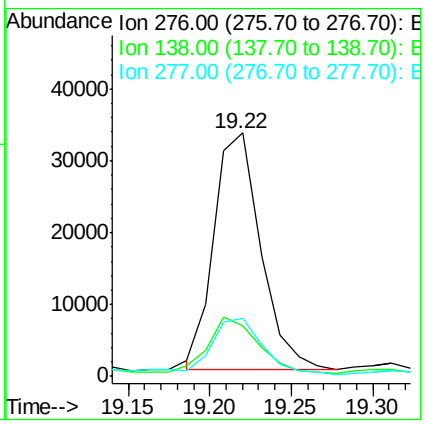


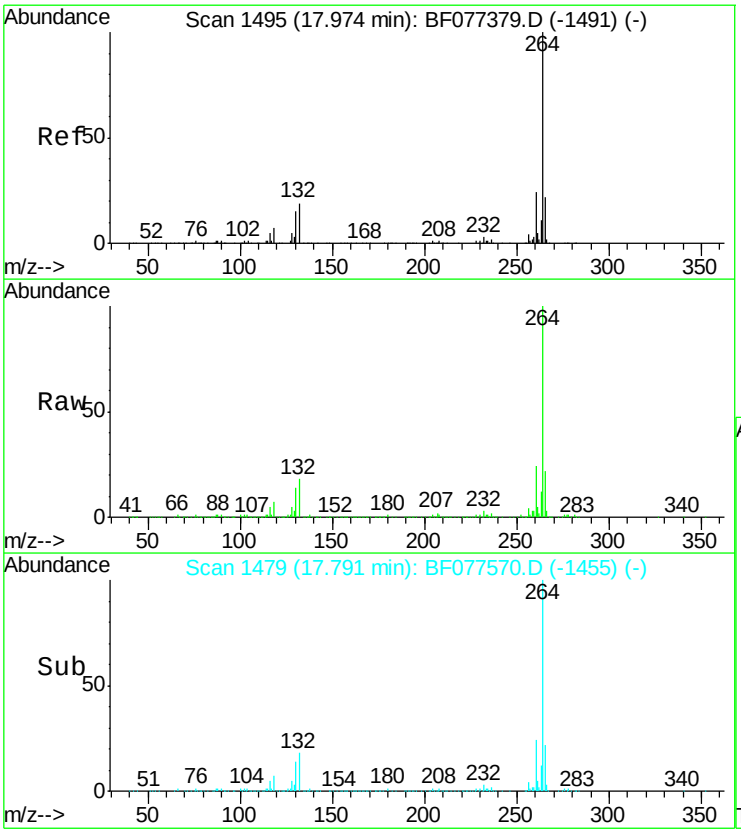
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.26 ng
RT: 19.22 min Scan# 1604
Delta R.T. -0.05 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:276 Resp: 65130

Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.2	31.8
277	24.9	20.0	30.0

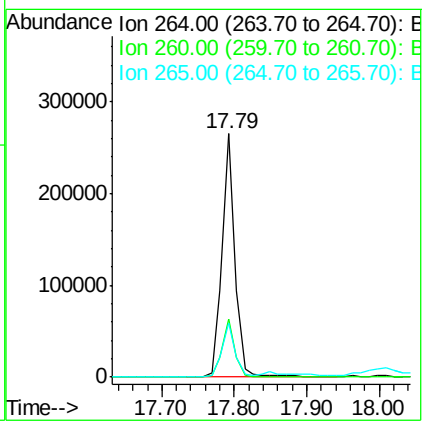


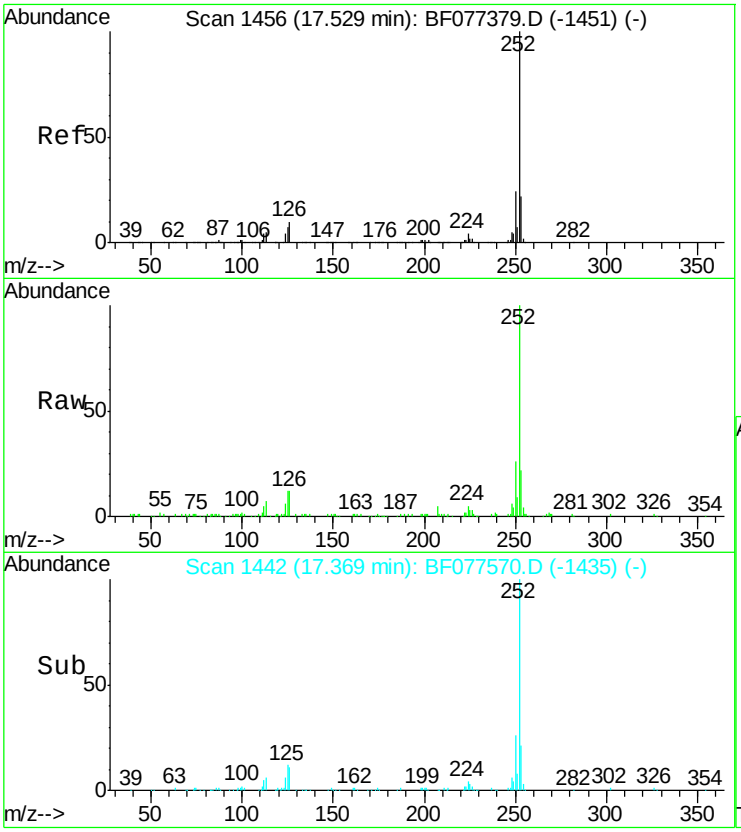


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.03 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:264 Resp: 329507

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.3	16.8	25.2



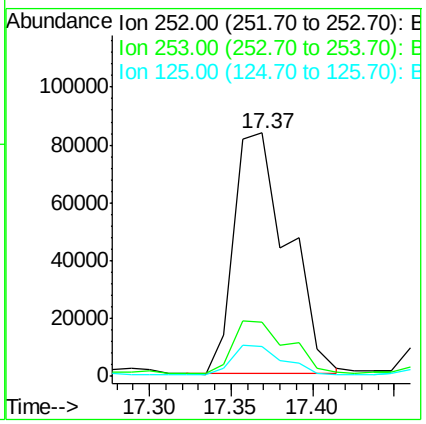


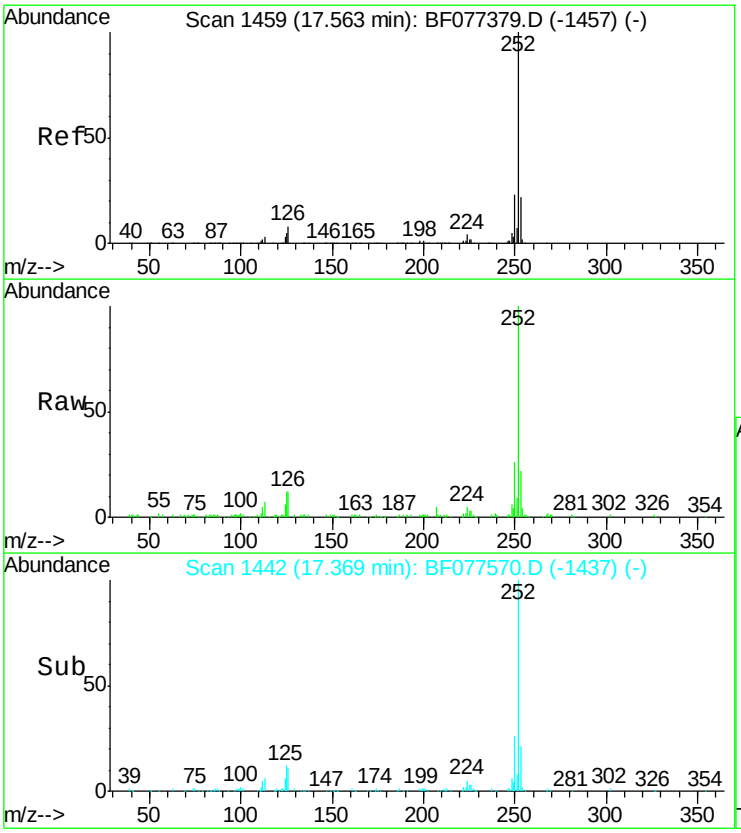
#87
Benzo(b)fluoranthene
Concen: 9.92 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:252 Resp: 190006

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.3	5.4	8.2#

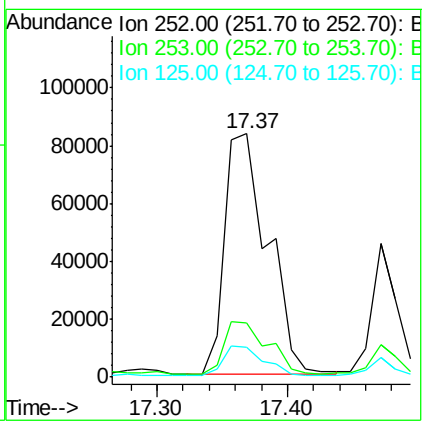


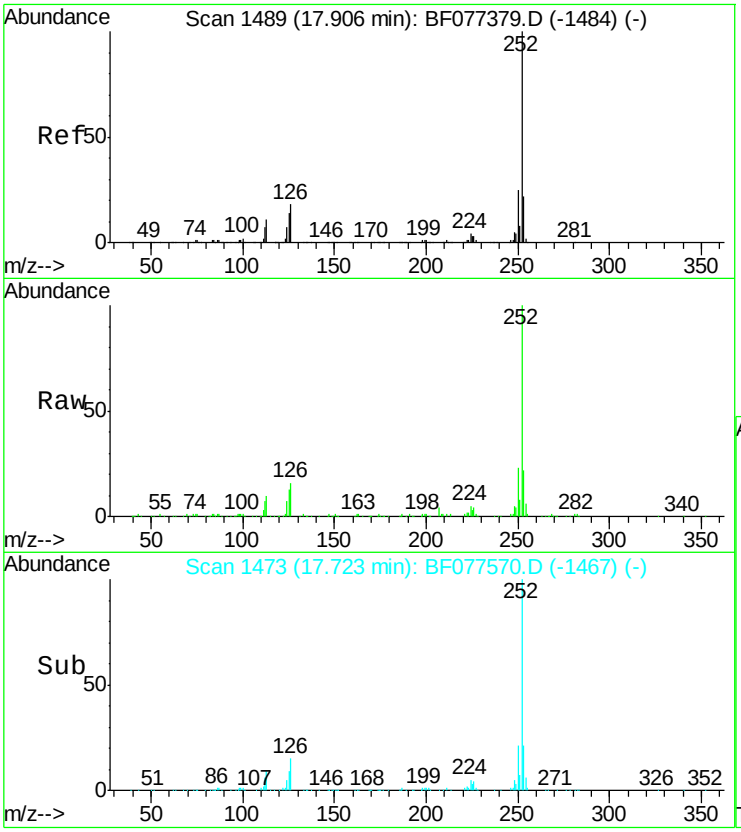


#88
Benzo(k)fluoranthene
Concen: 10.18 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.04 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:252 Resp: 191074

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.3	10.1	15.1



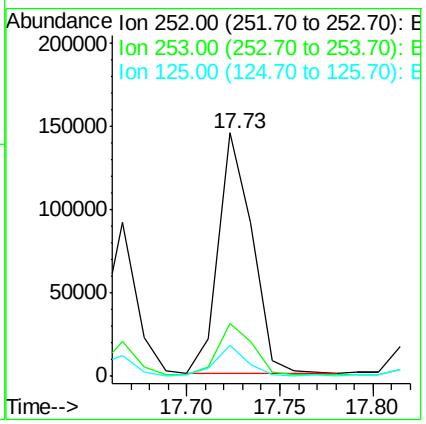


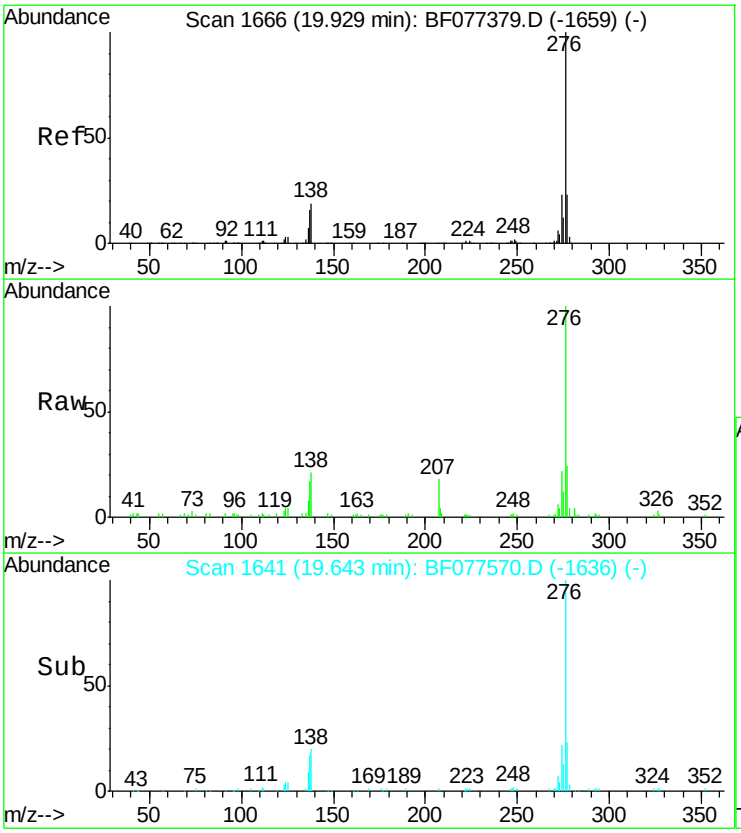
#89
Benzo(a)pyrene
Concen: 9.97 ng
RT: 17.73 min Scan# 1473
Delta R.T. -0.03 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Instrument :
BNA_F
ClientSampleId :
MW44DL

Tgt Ion:252 Resp: 181899

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	12.9	8.3	12.5#





#91
Benzo(g,h,i)perylene
Concen: 4.37 ng
RT: 19.64 min Scan# 1641
Delta R.T. -0.04 min
Lab File: BF077570.D
Acq: 4 Mar 2015 3:51

Tgt Ion:276 Resp: 76705

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	20.6	20.5	30.7