Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077662.D
Acq On : 10 Mar 2015 15:46
Operator : TP/IZ
Sample : G1442-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-073-3515DL

Quant Time: Mar 11 01:34:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	61597	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	251178	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	115332	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	222636	20.00	ng	0.00
75) Chrysene-d12	16.05	240	252867	20.00	ng	-0.03
86) Perylene-d12	17.80	264	252782	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	43612	11.82	ng	0.00
7) Phenol-d6	6.75	99	33276	7.01	ng	0.00
23) Nitrobenzene-d5	7.87	82	81457	20.17	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	31355	28.23	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	179772	24.30	ng	0.00
78) Terphenyl-d14	14.76	244	193250	17.87	ng	0.00
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	7.39	146	148437	32.36	ng	98
30) 1,2,4-Trichlorobenzene	8.69	180	62288	15.49	ng	97
31) Naphthalene	8.79	128	414262	32.98	ng	100
33) 4-Chloroaniline	8.85	127	57991	10.38	ng	97
37) 2-Methylnaphthalene	9.64	142	79529	8.92	ng	98
51) Acenaphthene	10.97	154	15276	2.36	ng	99
57) Fluorene	11.61	166	16972	2.12	ng	97

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

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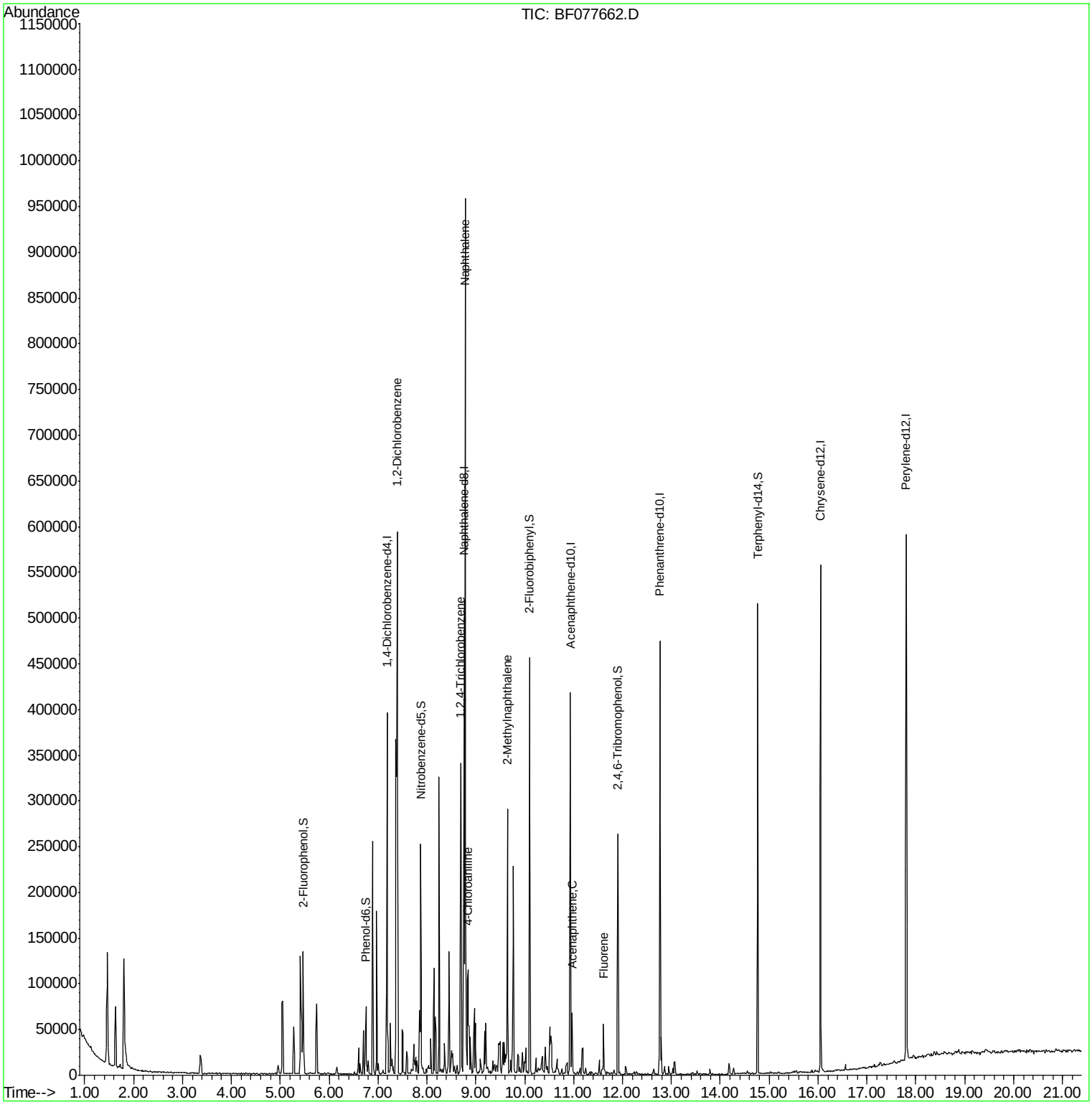
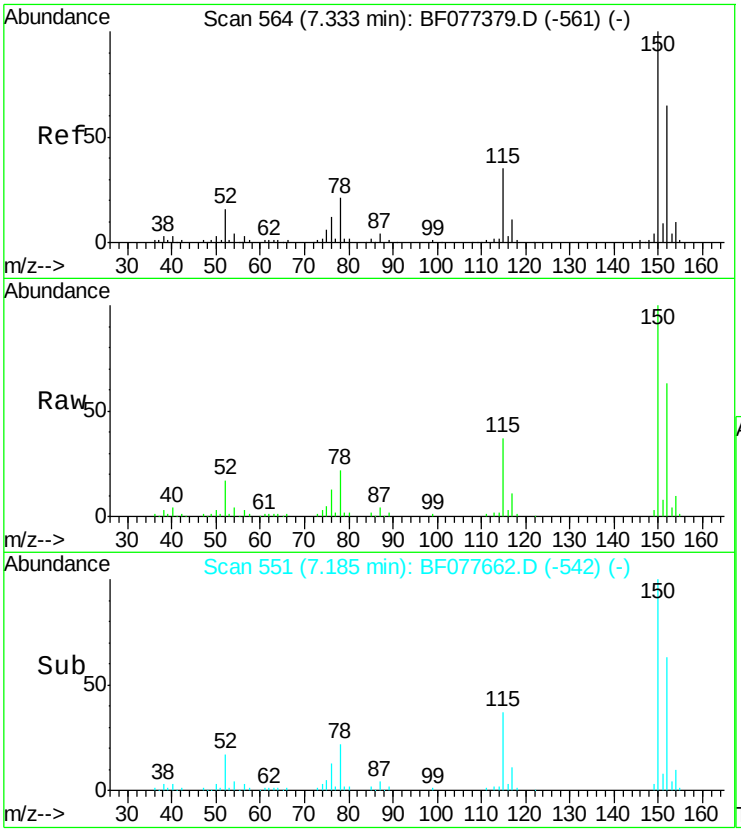


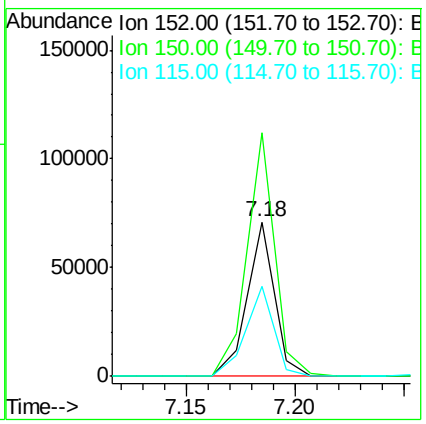


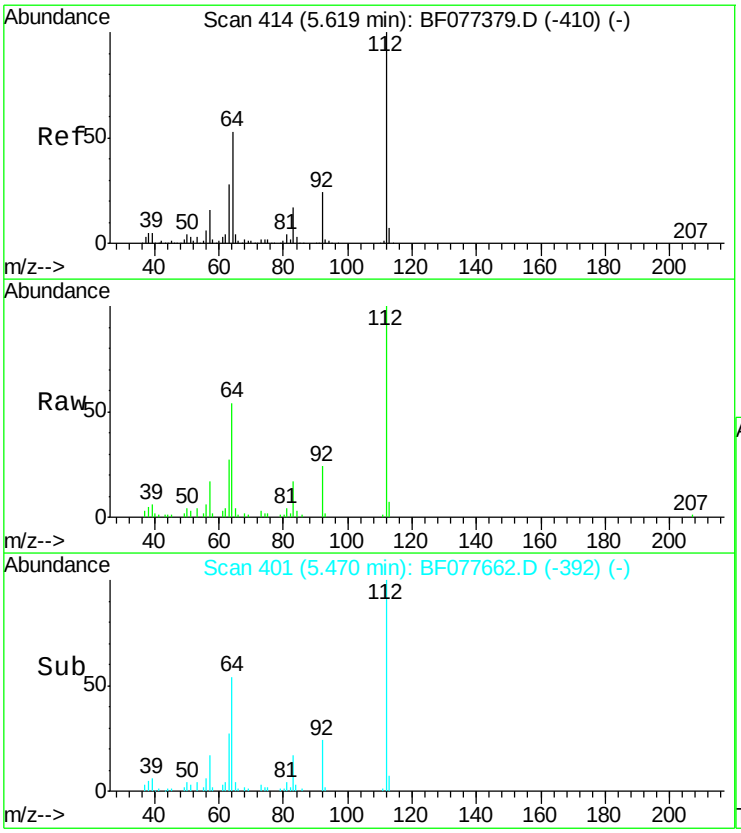
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion:152 Resp: 61597

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.0	186.0
115	58.3	49.4	74.2

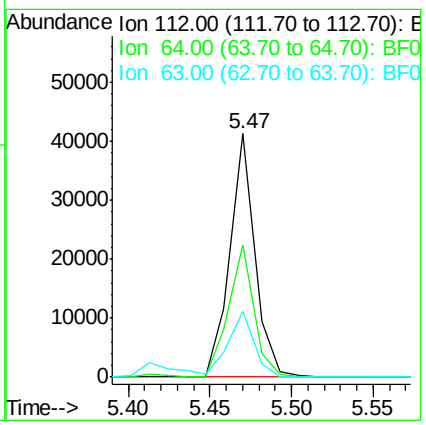


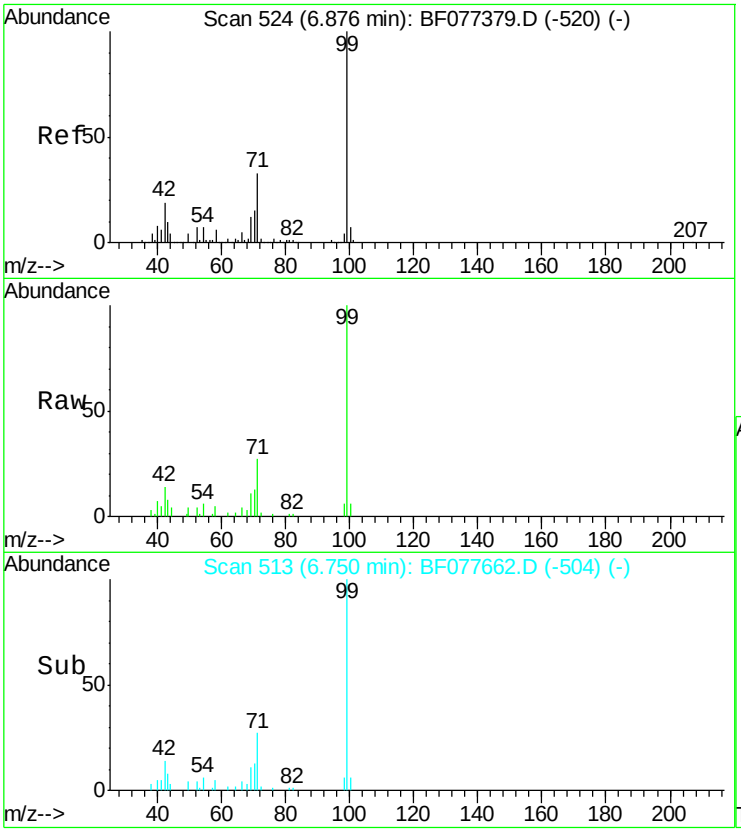


#5
2-Fluorophenol
Concen: 11.82 ng
RT: 5.47 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion:112 Resp: 43612

Ion	Ratio	Lower	Upper
112	100		
64	54.4	48.5	72.7
63	27.1	25.0	37.4



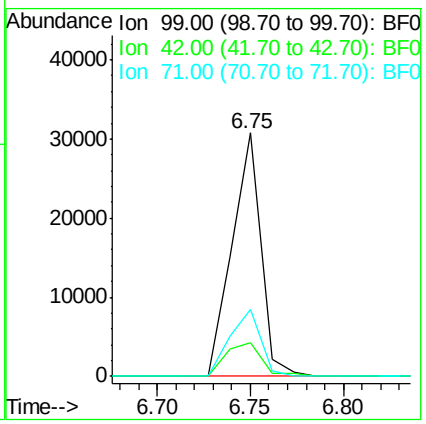


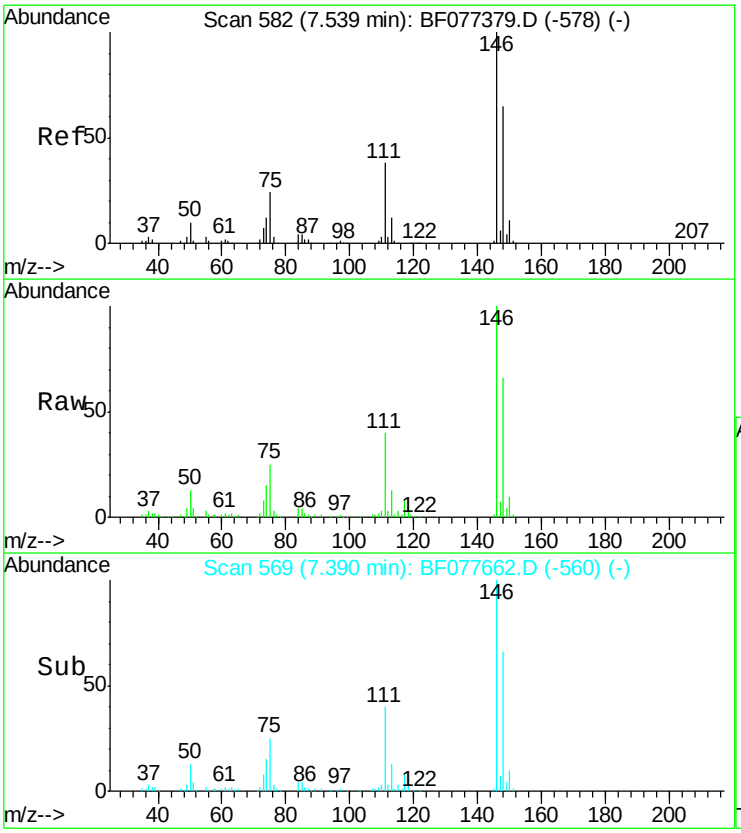
#7
Phenol-d6
Concen: 7.01 ng
RT: 6.75 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion: 99 Resp: 33276

Ion	Ratio	Lower	Upper
99	100		
42	13.6	16.2	24.4#
71	27.3	26.7	40.1

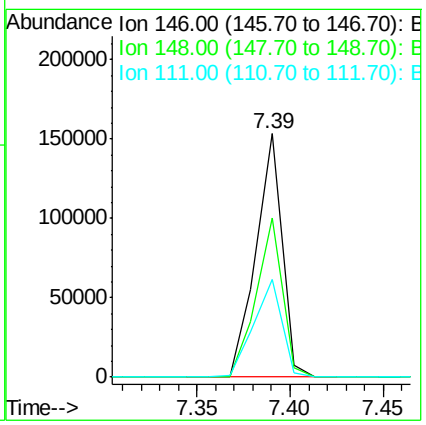


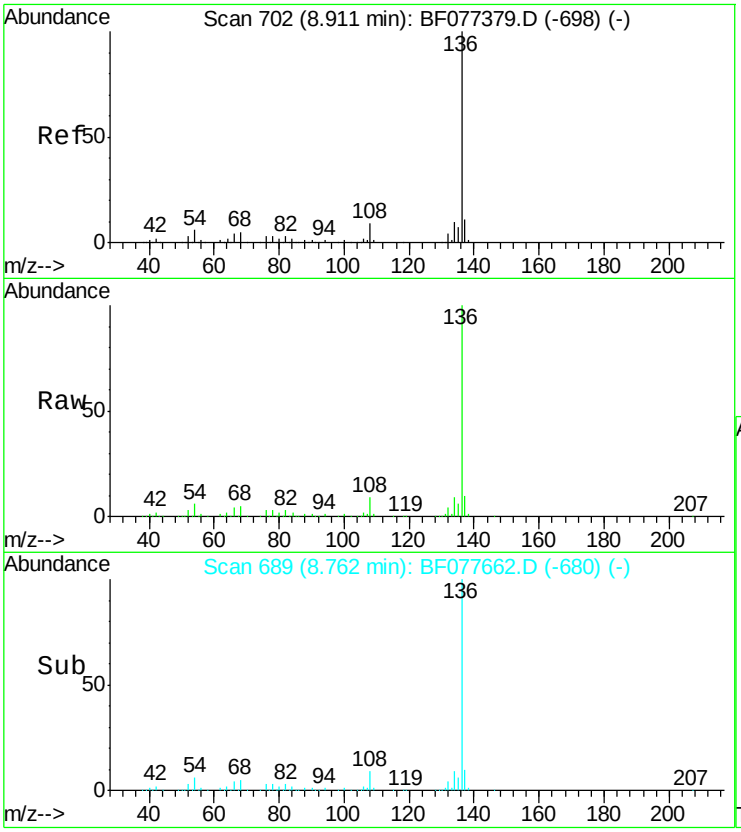


#14
1,2-Dichlorobenzene
Concen: 32.36 ng
RT: 7.39 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion:146 Resp: 148437

Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.6	77.4
111	40.3	34.2	51.2



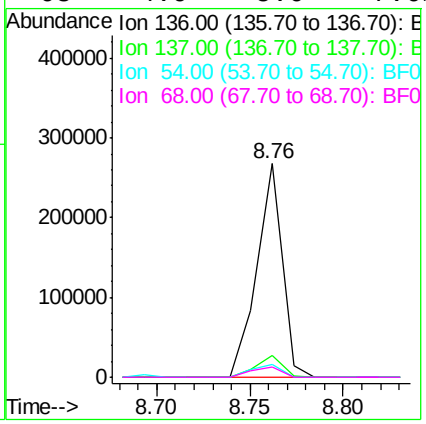


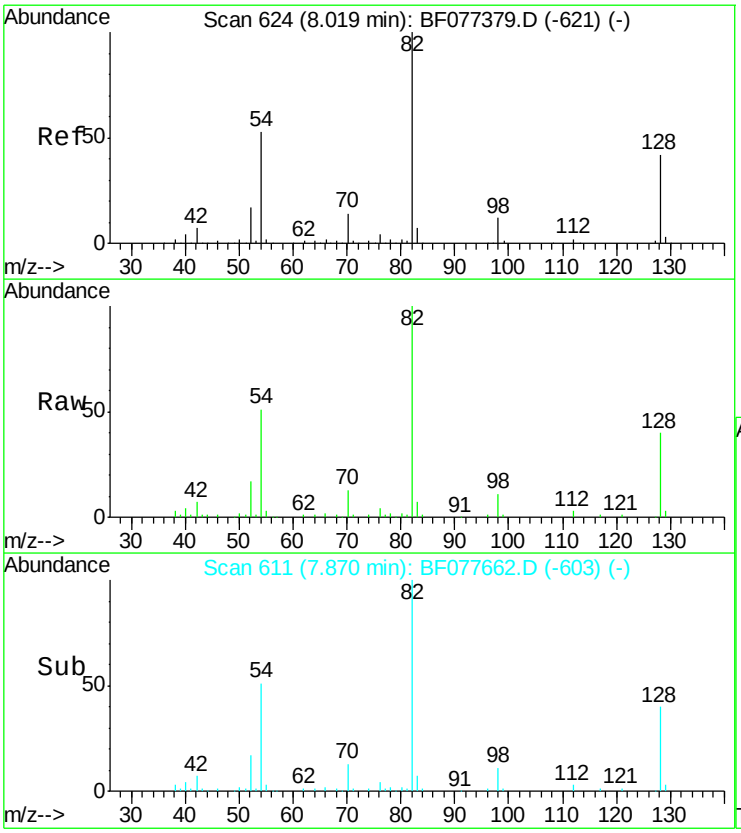
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion:136 Resp: 251178

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.1	6.2	9.4#
68	4.9	5.0	7.6#

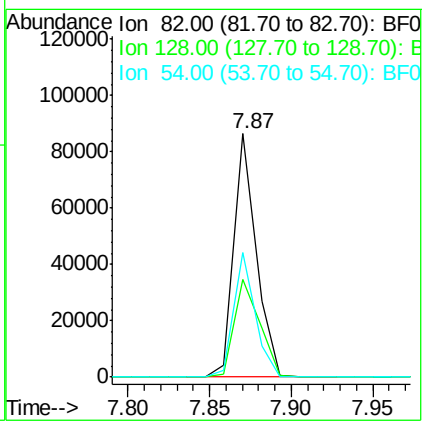


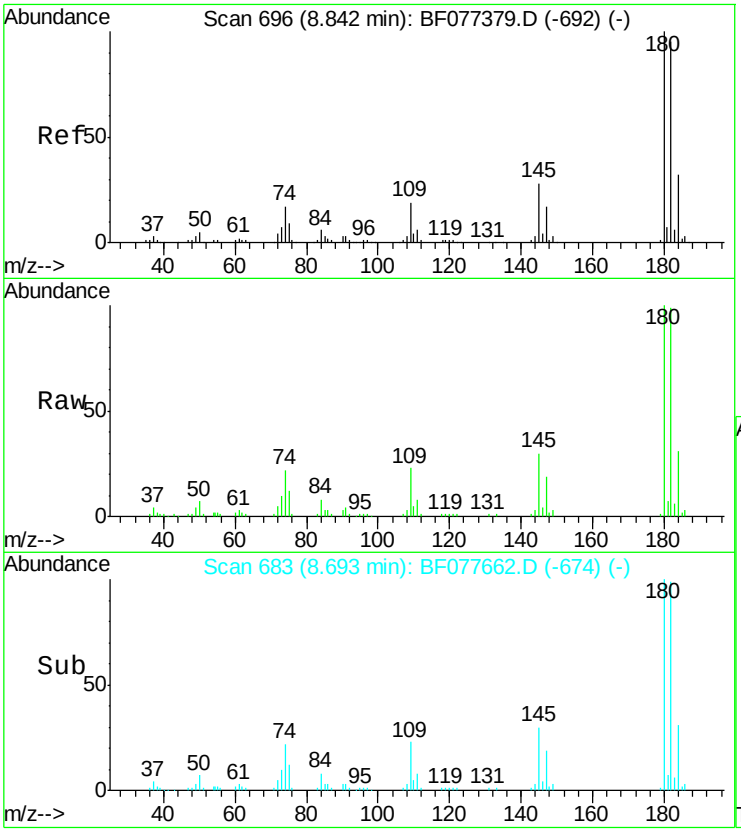


#23
Nitrobenzene-d5
Concen: 20.17 ng
RT: 7.87 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion: 82 Resp: 81457

Ion	Ratio	Lower	Upper
82	100		
128	39.9	43.8	65.8#
54	51.1	36.7	55.1



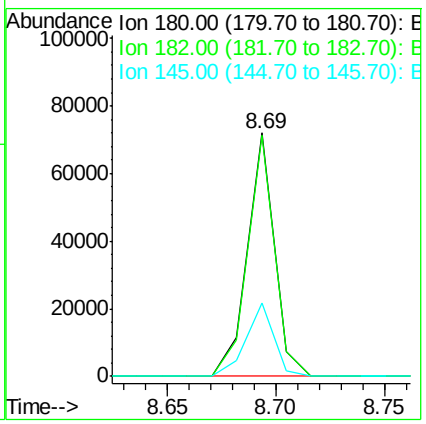


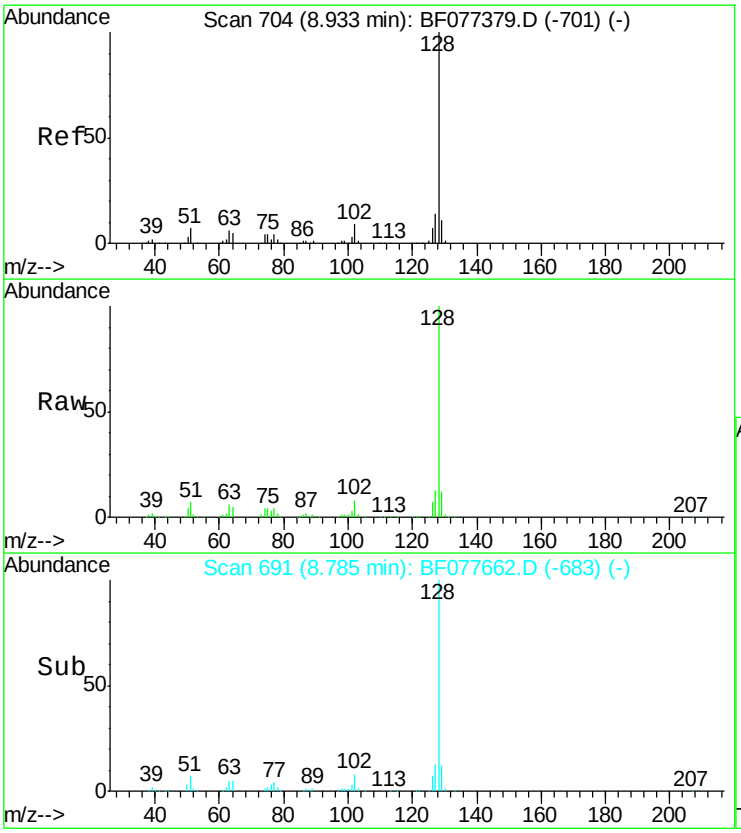
#30
1,2,4-Trichlorobenzene
Concen: 15.49 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion:180 Resp: 62288

Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.2	114.4
145	30.0	24.5	36.7

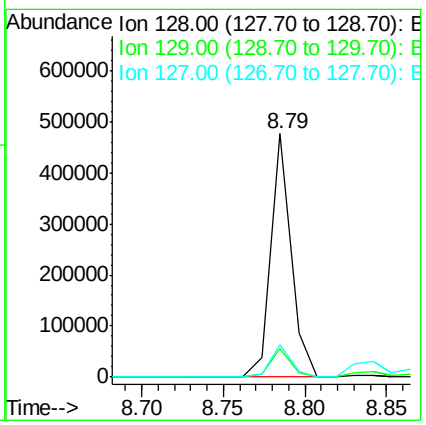


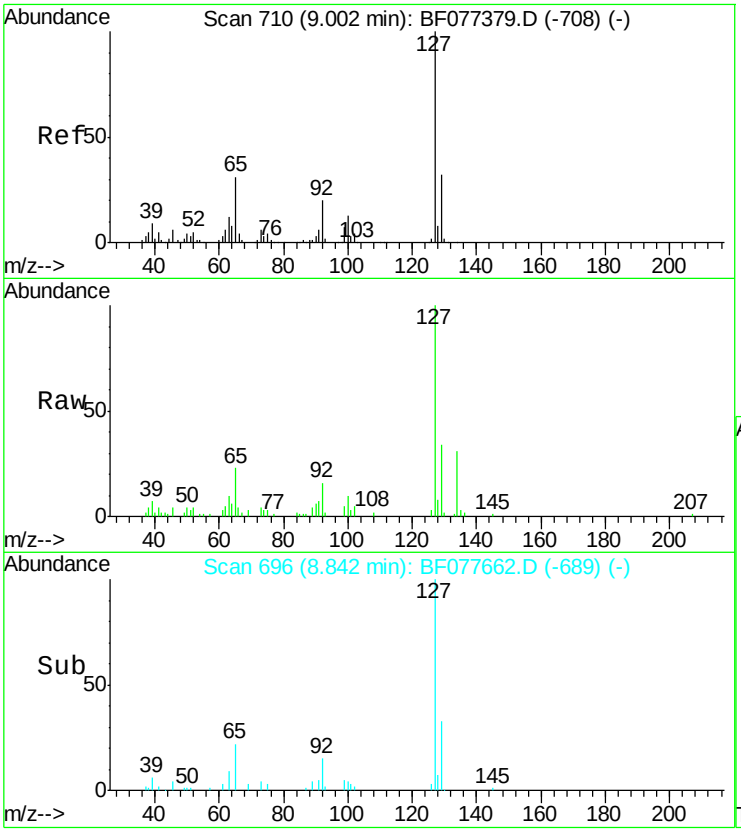


#31
Naphthalene
Concen: 32.98 ng
RT: 8.79 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion:128 Resp: 414262

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.1	10.6	15.8



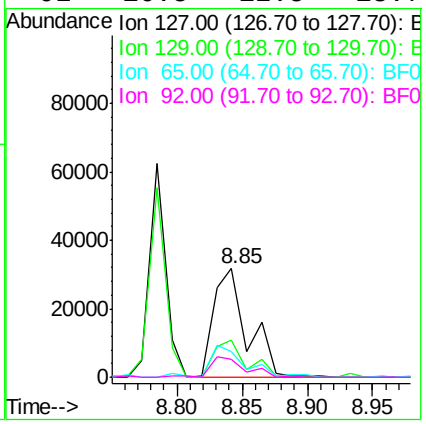


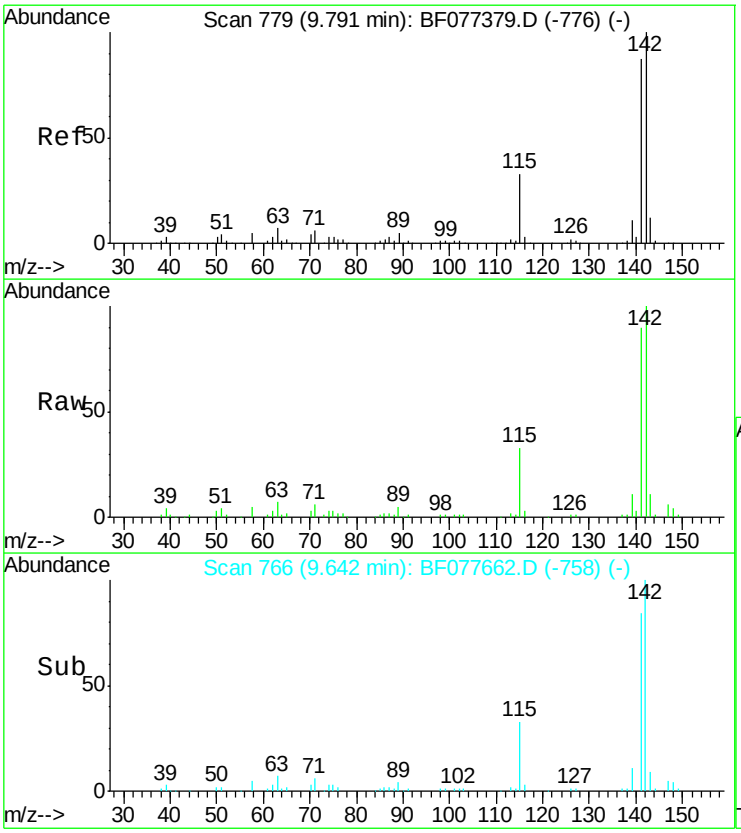
#33
4-Chloroaniline
Concen: 10.38 ng
RT: 8.85 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion:127 Resp: 57991

Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.9	40.3
65	23.5	16.7	25.1
92	16.5	12.5	18.7

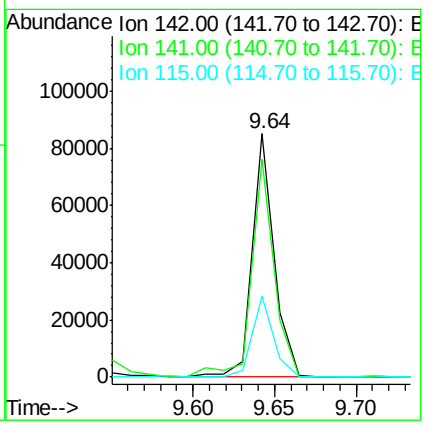


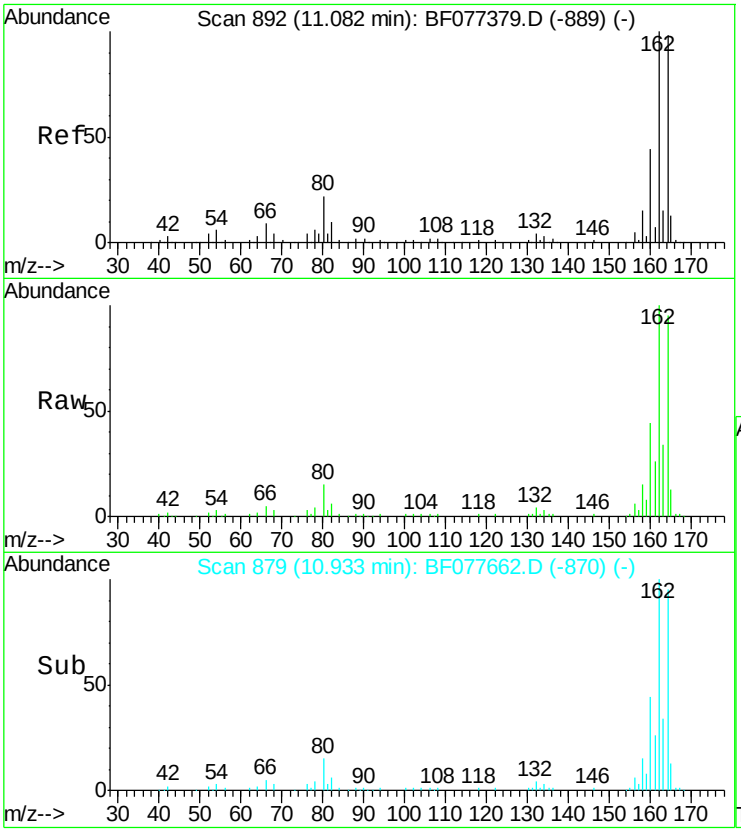


#37
2-Methylnaphthalene
Concen: 8.92 ng
RT: 9.64 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion:142 Resp: 79529

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.7	106.1
115	33.1	24.2	36.4



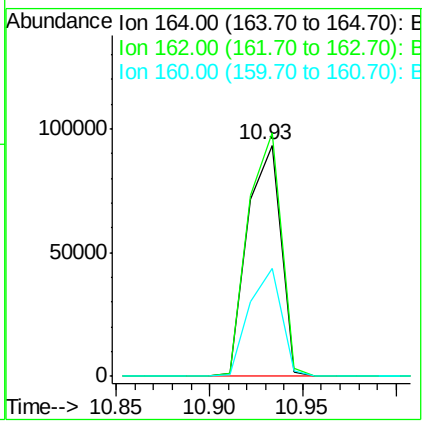


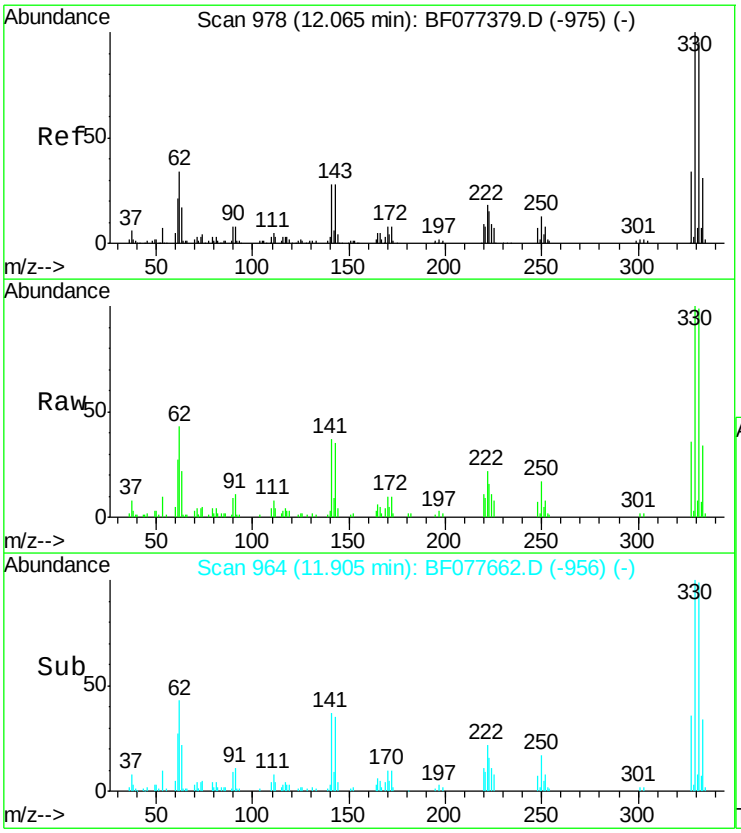
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion:164 Resp: 115332

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.2	124.8
160	46.7	34.6	52.0

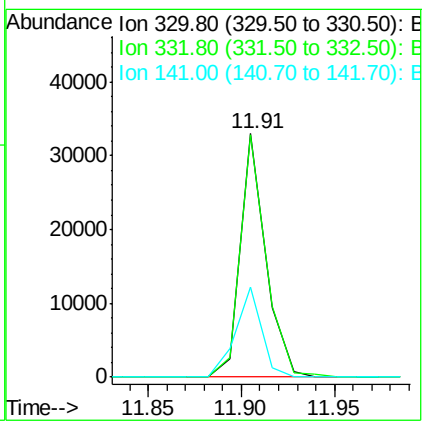


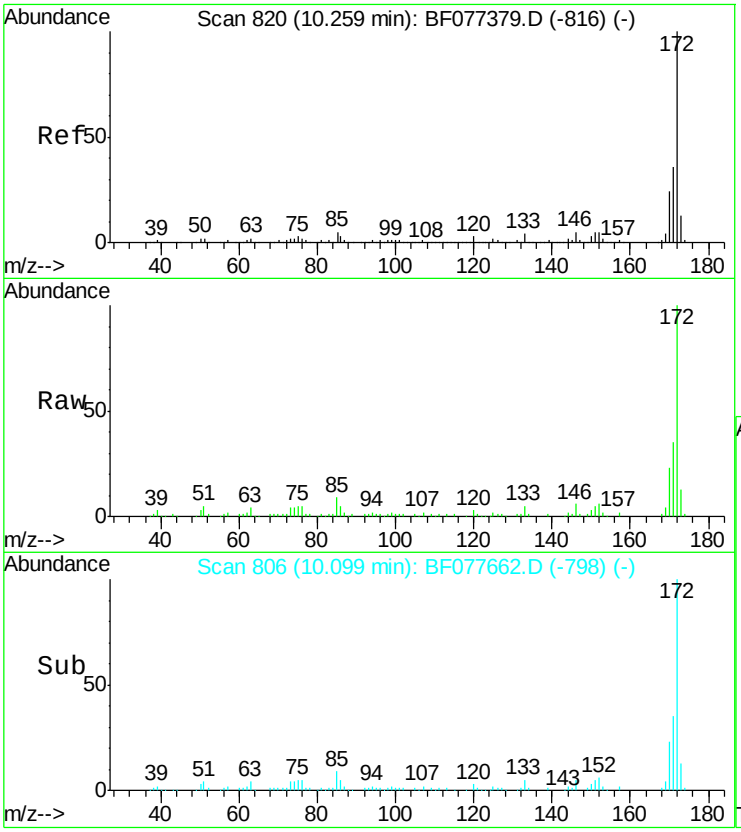


#41
2,4,6-Tribromophenol
Concen: 28.23 ng
RT: 11.91 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion:330 Resp: 31355

Ion	Ratio	Lower	Upper
330	100		
332	100.5	77.4	116.2
141	37.7	28.8	43.2



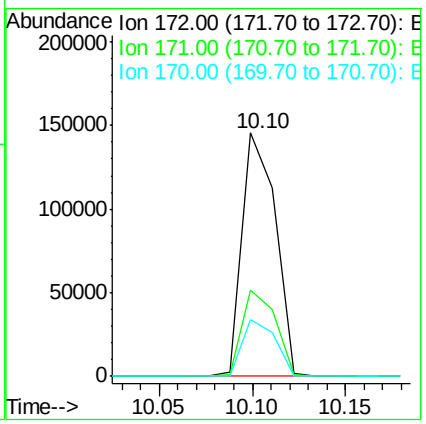


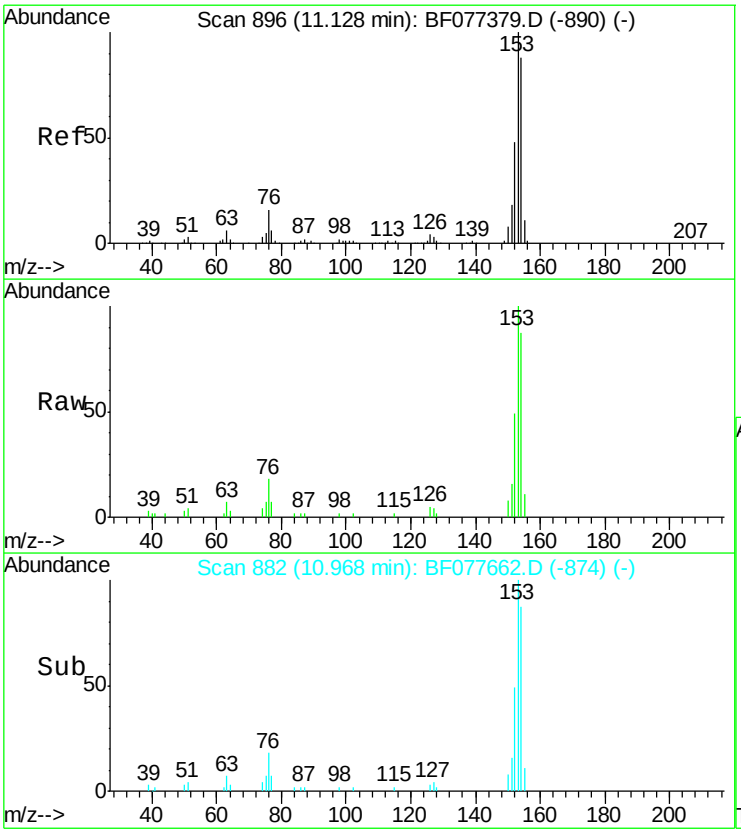
#44
2-Fluorobiphenyl
Concen: 24.30 ng
RT: 10.10 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion:172 Resp: 179772

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.3	19.4	29.2

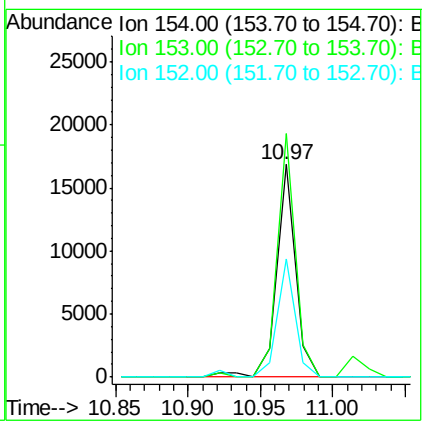


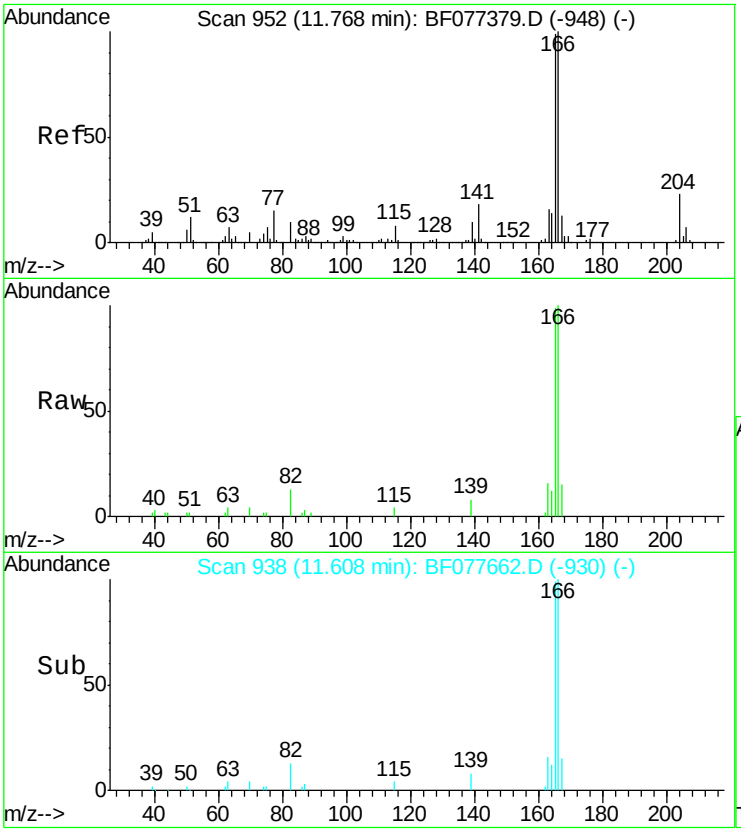


#51
Acenaphthene
Concen: 2.36 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion:154 Resp: 15276

Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.5	135.7
152	55.8	43.5	65.3



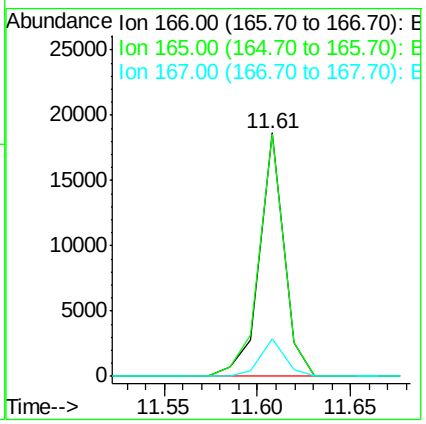


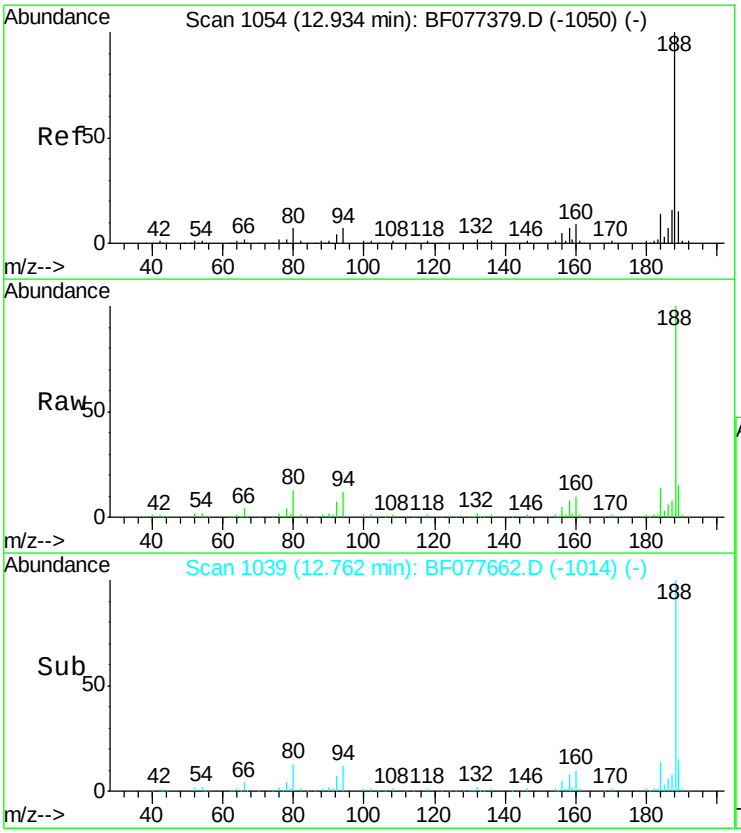
#57
Fluorene
Concen: 2.12 ng
RT: 11.61 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion:166 Resp: 16972

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.6	116.4
167	15.3	10.6	16.0

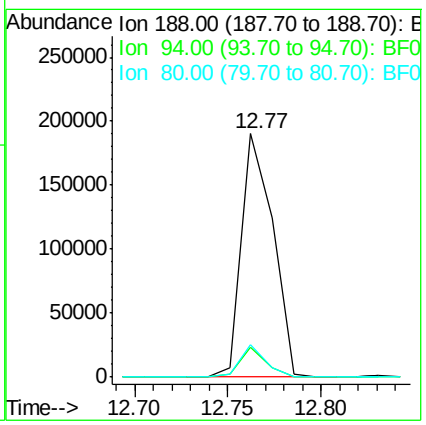


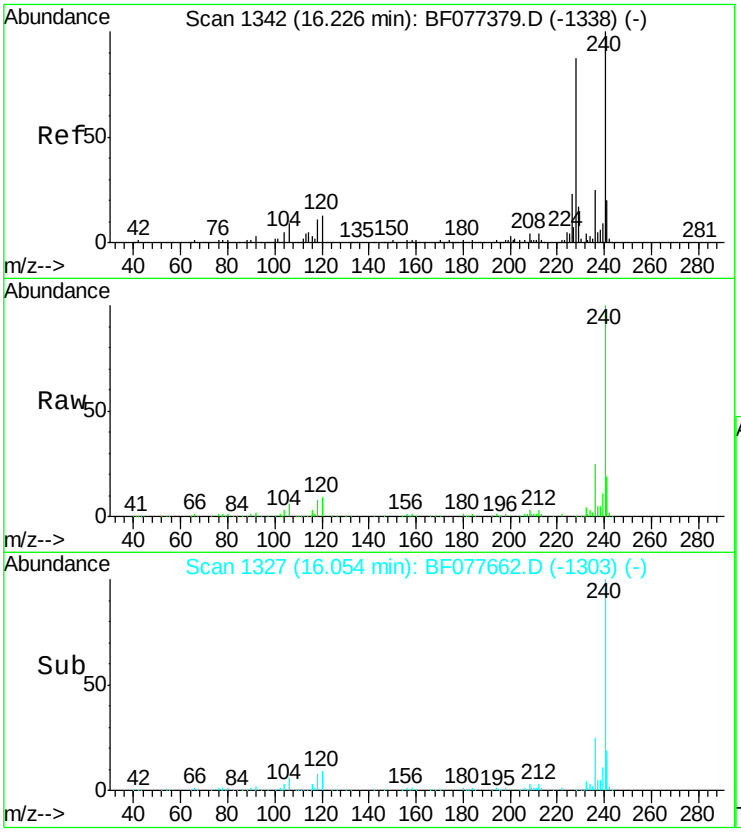


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion:188 Resp: 222636

Ion	Ratio	Lower	Upper
188	100		
94	12.3	7.4	11.2#
80	13.1	8.0	12.0#



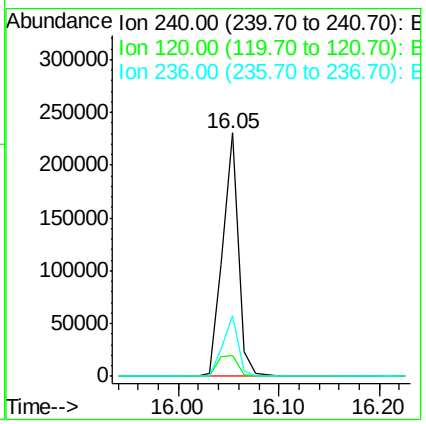


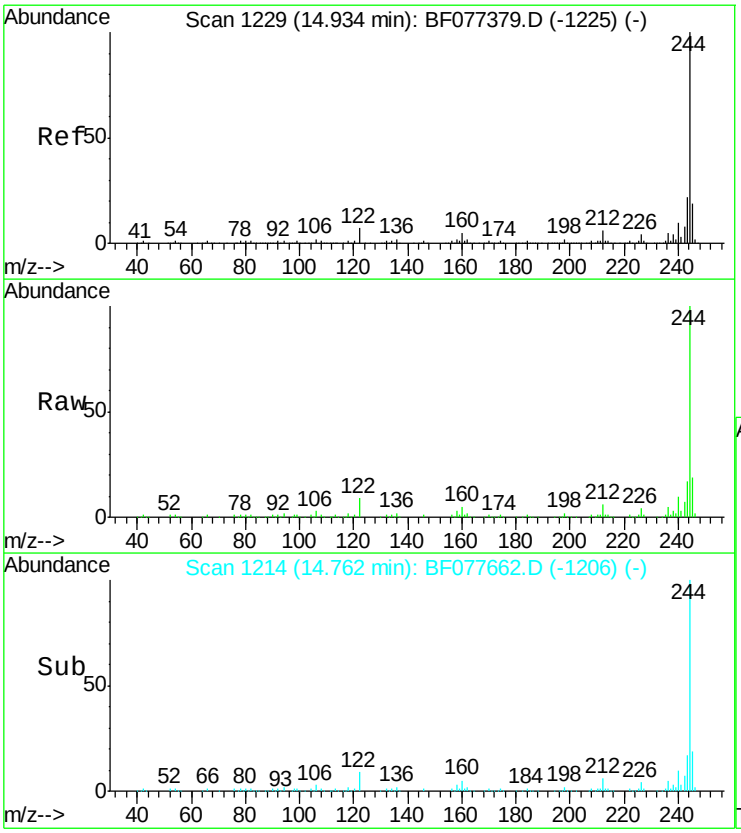
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion:240 Resp: 252867

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.8	13.2#
236	24.8	20.7	31.1

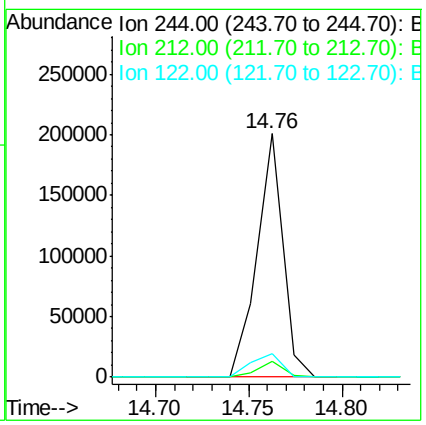


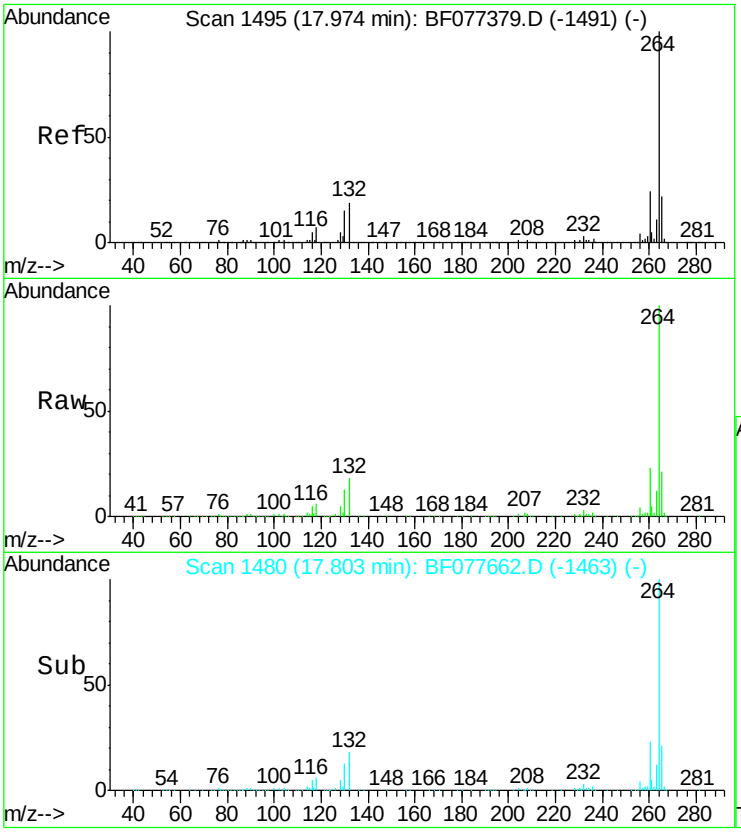


#78
Terphenyl-d14
Concen: 17.87 ng
RT: 14.76 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion:244 Resp: 193250

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	9.4	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. -0.10 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion:264 Resp: 252782

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.4	16.8	25.2