Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077639.D
Acq On : 9 Mar 2015 15:42
Operator : TP/IZ
Sample : G1442-01DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Mar 10 01:11:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 00:35:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	14382	20.00	ng		0.00
21) Naphthalene-d8	8.77	136	56956	20.00	ng		0.00
38) Acenaphthene-d10	10.94	164	28222	20.00	ng		0.00
63) Phenanthrene-d10	12.78	188	53463	20.00	ng		0.00
75) Chrysene-d12	16.05	240	57067	20.00	ng		0.00
86) Perylene-d12	17.75	264	55839	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	45338	52.63	ng		0.00
7) Phenol-d6	6.75	99	35193	31.77	ng		0.00
23) Nitrobenzene-d5	7.88	82	84396	92.14	ng		0.00
41) 2,4,6-Tribromophenol	11.92	330	33205	122.19	ng		0.00
44) 2-Fluorobiphenyl	10.11	172	180370	99.65	ng		0.00
78) Terphenyl-d14	14.77	244	181852	74.50	ng		0.00
Target Compounds							Qvalue
13) 1,4-Dichlorobenzene	7.21	146	8799	7.82	ng		97
14) 1,2-Dichlorobenzene	7.40	146	152815	142.70	ng		96
30) 1,2,4-Trichlorobenzene	8.70	180	60795	66.67	ng		96
31) Naphthalene	8.80	128	420738	147.72	ng		99
33) 4-Chloroaniline	8.85	127	48601	38.38	ng		97
37) 2-Methylnaphthalene	9.65	142	79424	39.27	ng		98
45) 1,1'-Biphenyl	10.24	154	6346	2.97	ng		93
51) Acenaphthene	10.98	154	16171	10.21	ng		96
54) Dibenzofuran	11.19	168	7762	3.17	ng	#	97
56) 2,4-Dinitrotoluene	11.19	165	4854	9.03	ng	#	59
57) Fluorene	11.62	166	17701	9.05	ng		99
70) Phenanthrene	12.81	178	17360	5.60	ng		98
72) Carbazole	13.08	167	10764	3.68	ng		99

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

Quantitation Report (QT Reviewed)

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Acq On : 9 Mar 2015 15:42
Operator : TP/IZ
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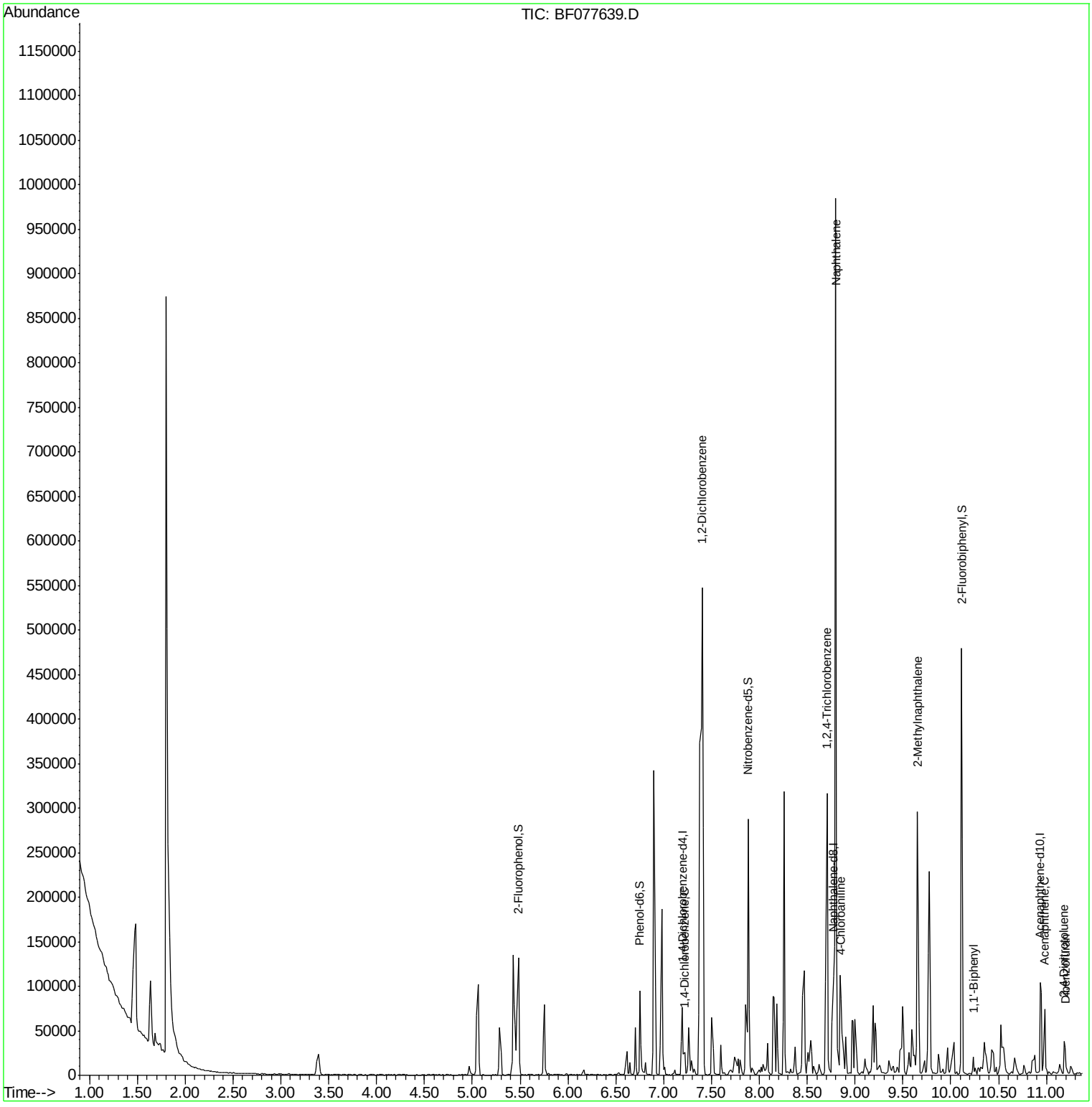
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Mar 10 01:11:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 00:35:08 2015
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077639.D
Acq On : 9 Mar 2015 15:42
Operator : TP/IZ
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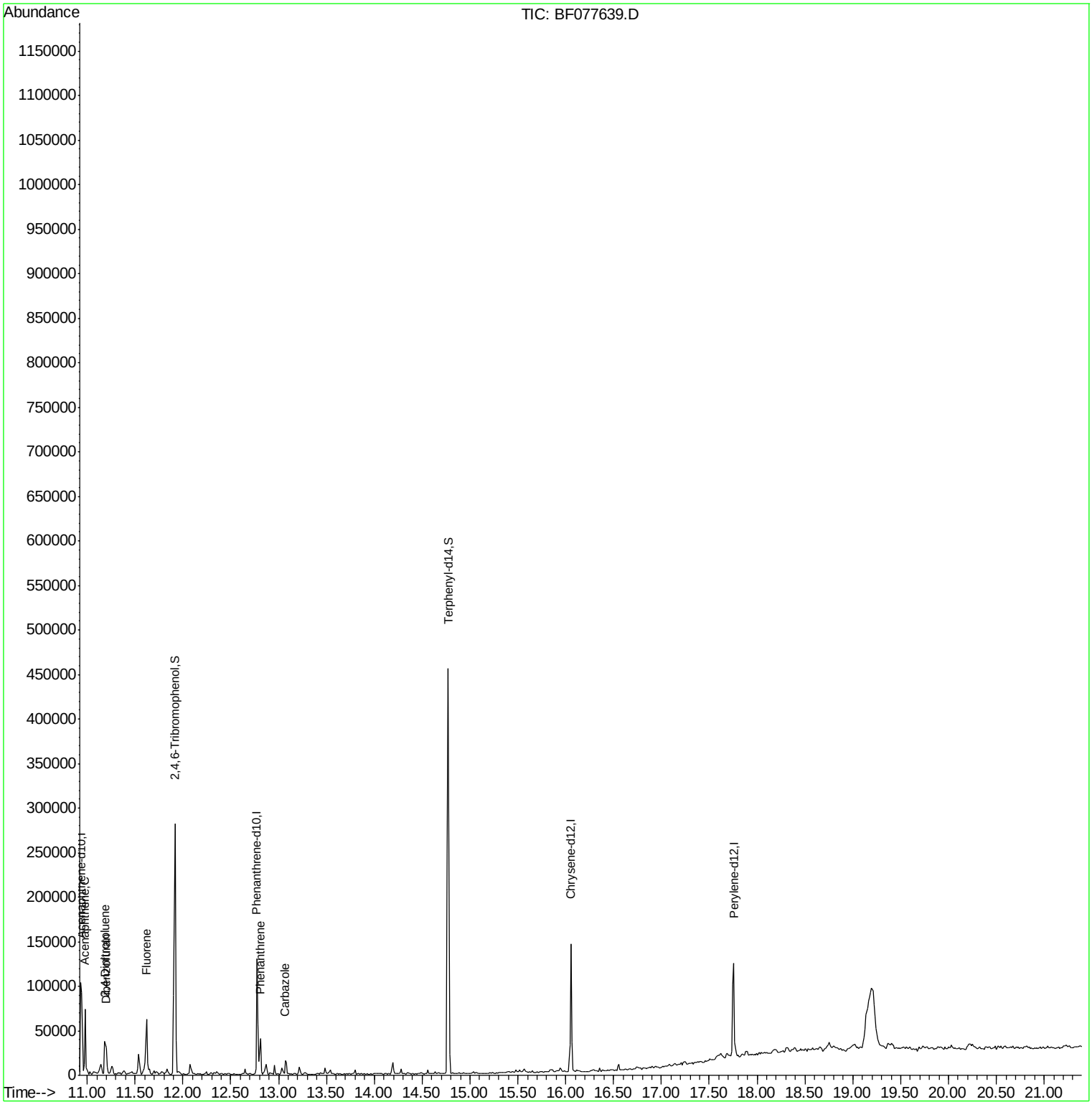
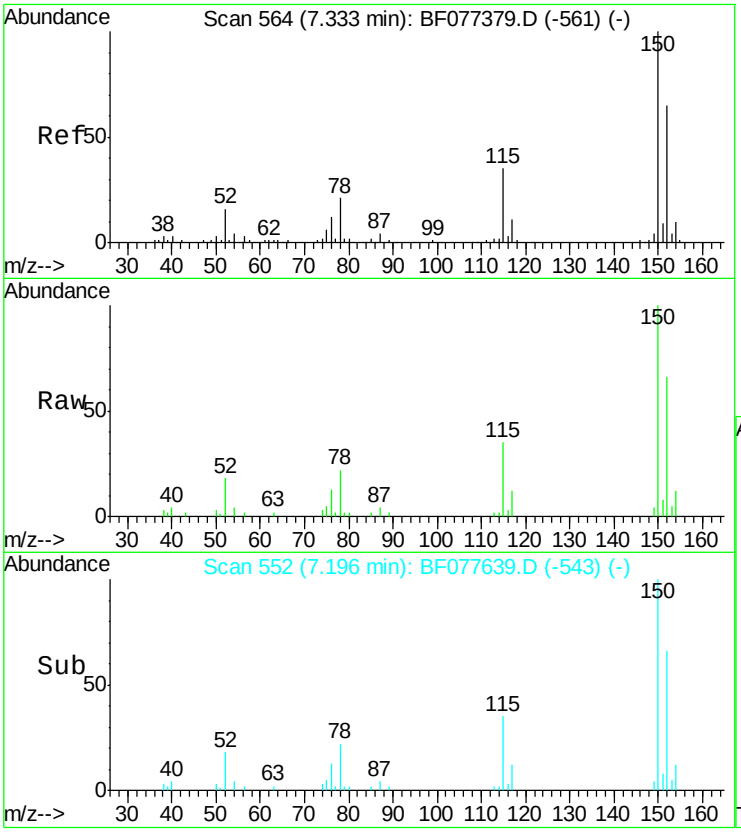


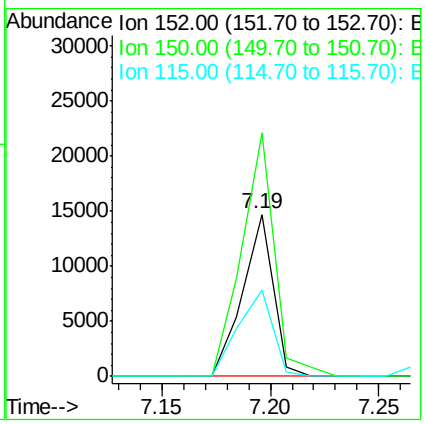


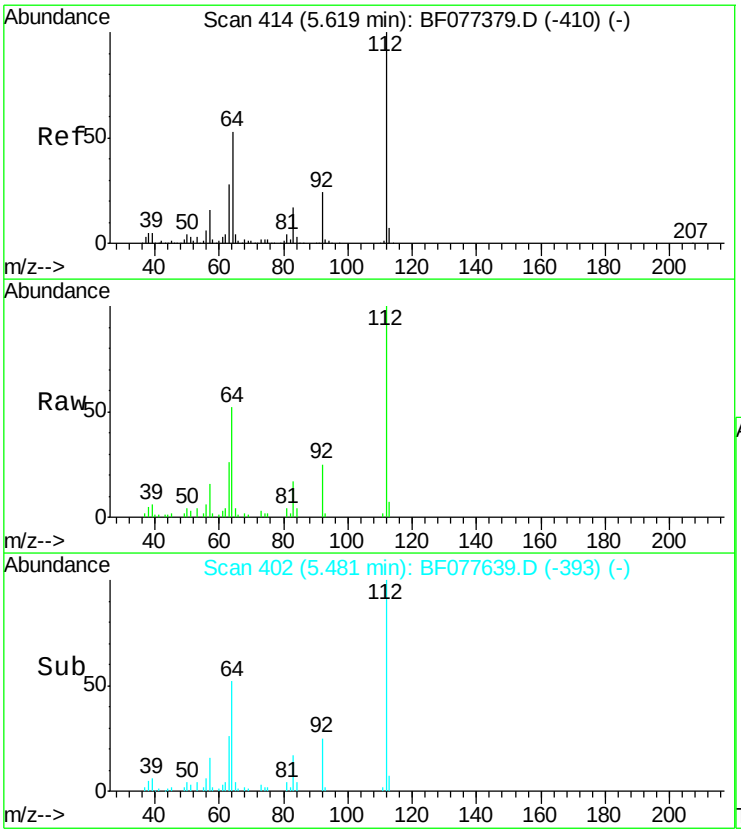
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:152 Resp: 14382

Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.0	186.0
115	52.9	49.4	74.2

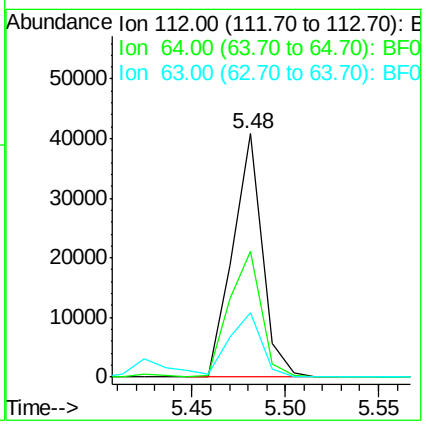


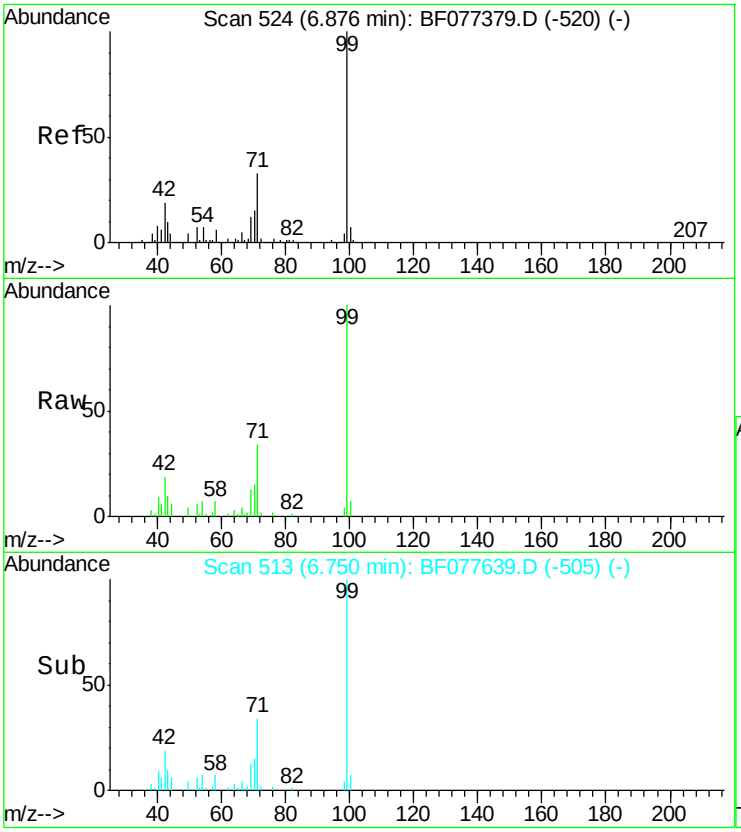


#5
2-Fluorophenol
Concen: 52.63 ng
RT: 5.48 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:112 Resp: 45338

Ion	Ratio	Lower	Upper
112	100		
64	51.7	48.5	72.7
63	26.4	25.0	37.4



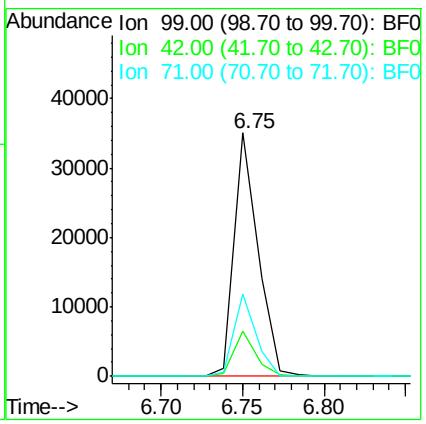


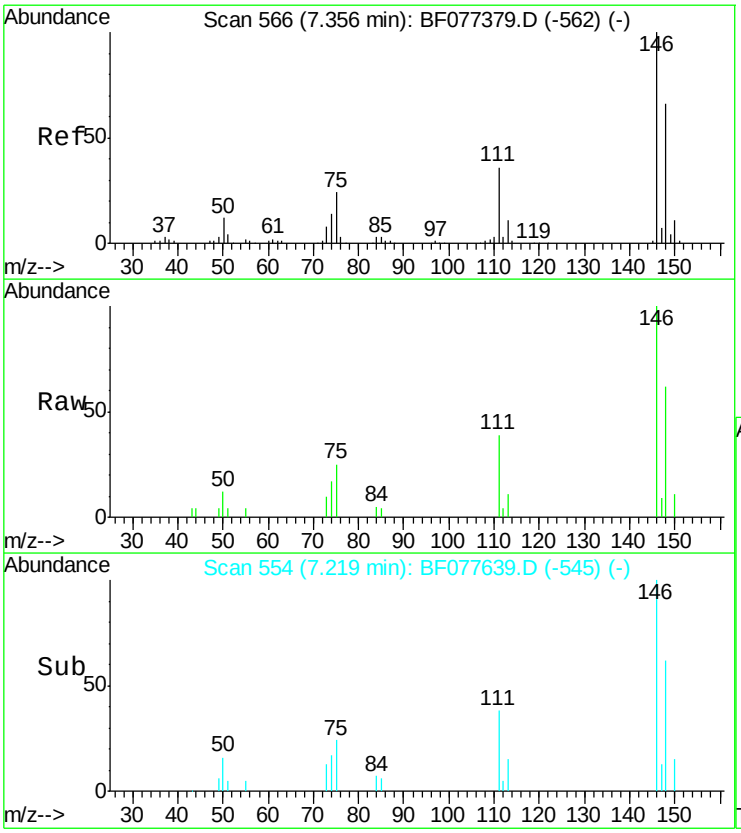
#7
Phenol-d6
Concen: 31.77 ng
RT: 6.75 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion: 99 Resp: 35193

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.2	24.4
71	33.8	26.7	40.1

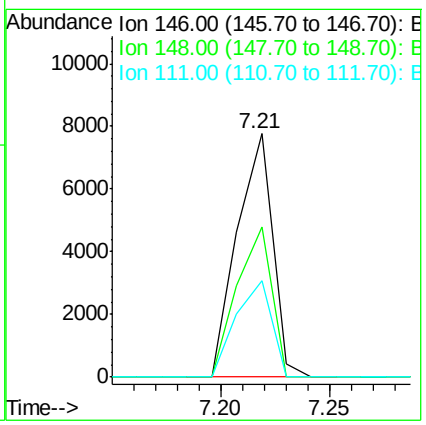


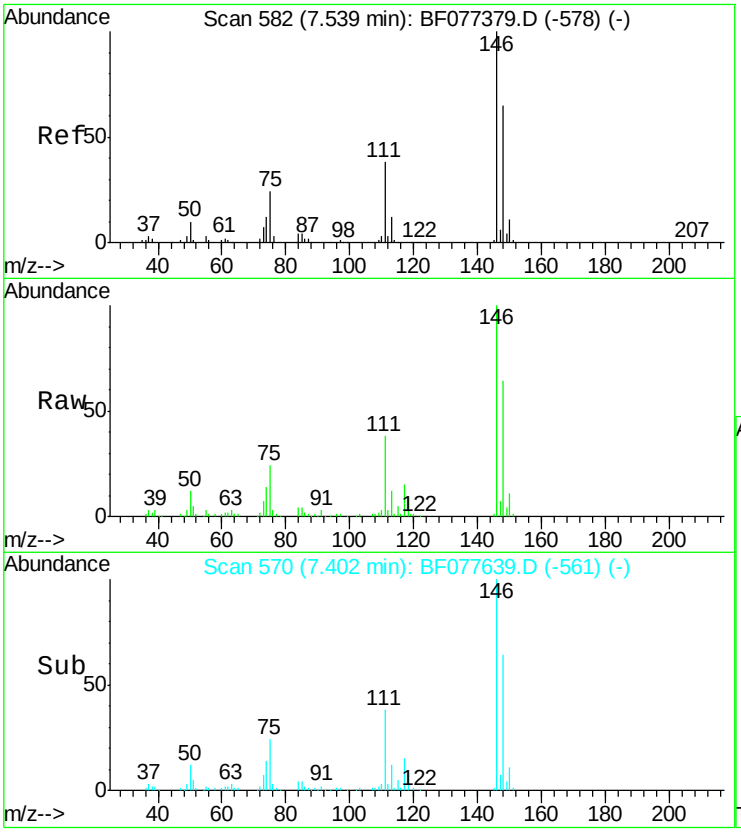


#13
1,4-Dichlorobenzene
Concen: 7.82 ng
RT: 7.21 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:146 Resp: 8799

Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.0	78.0
111	39.5	31.9	47.9



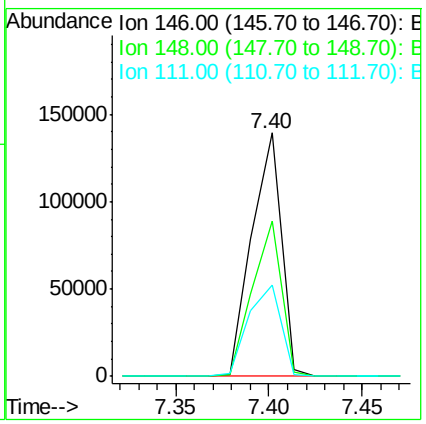


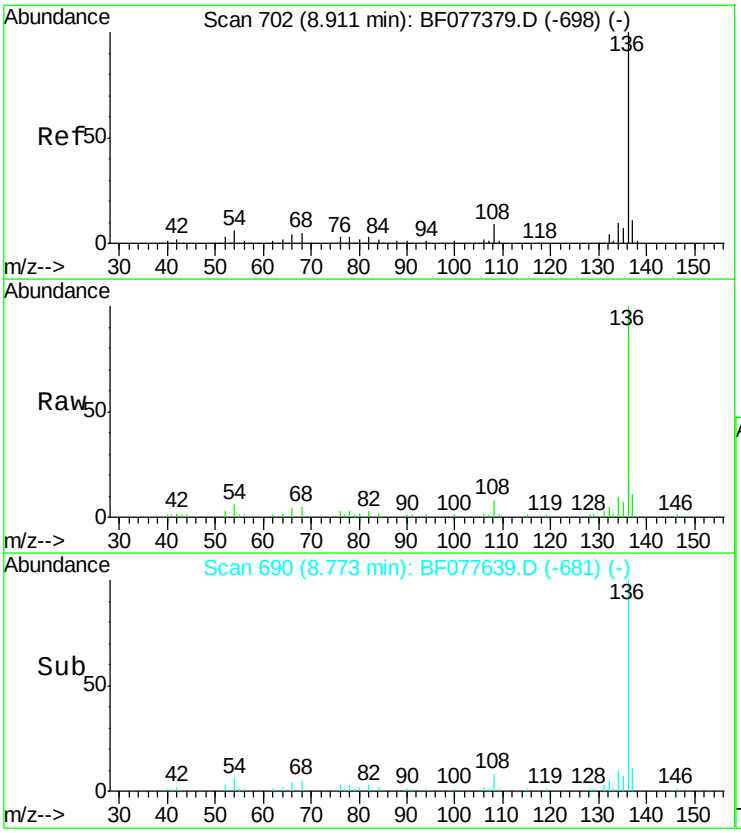
#14
1,2-Dichlorobenzene
Concen: 142.70 ng
RT: 7.40 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:146 Resp: 152815

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	37.7	34.2	51.2

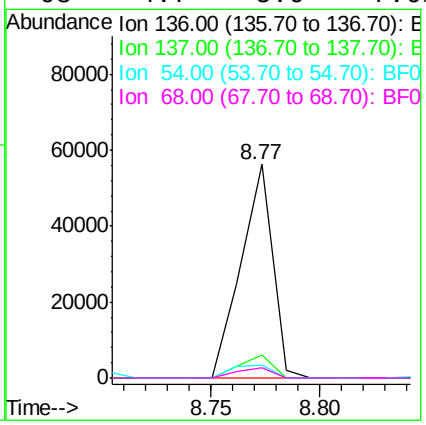


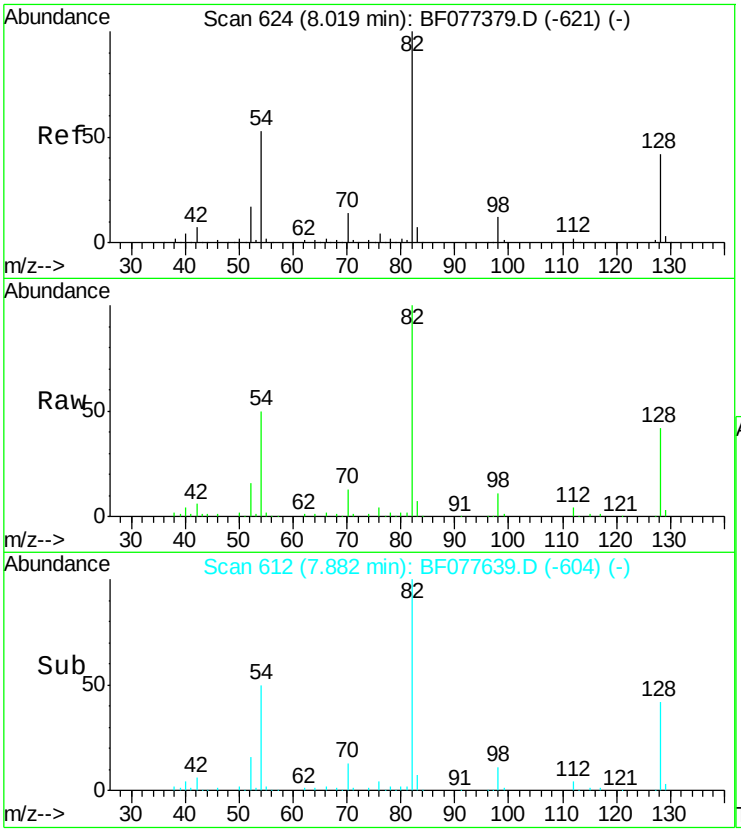


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:136 Resp: 56956

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.9	6.2	9.4#
68	4.7	5.0	7.6#



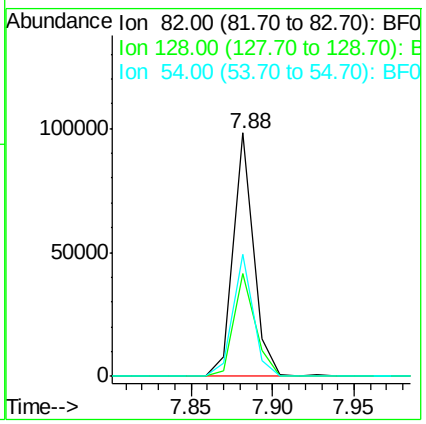


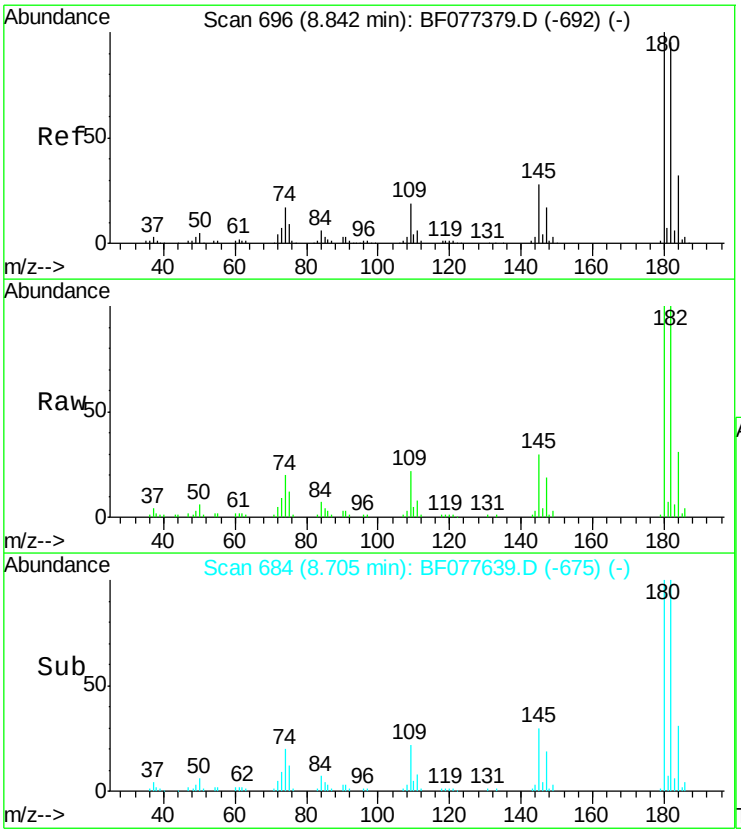
#23
Nitrobenzene-d5
Concen: 92.14 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion: 82 Resp: 84396

Ion	Ratio	Lower	Upper
82	100		
128	42.1	43.8	65.8#
54	50.3	36.7	55.1

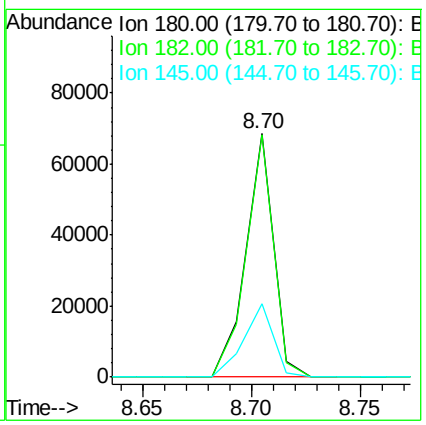


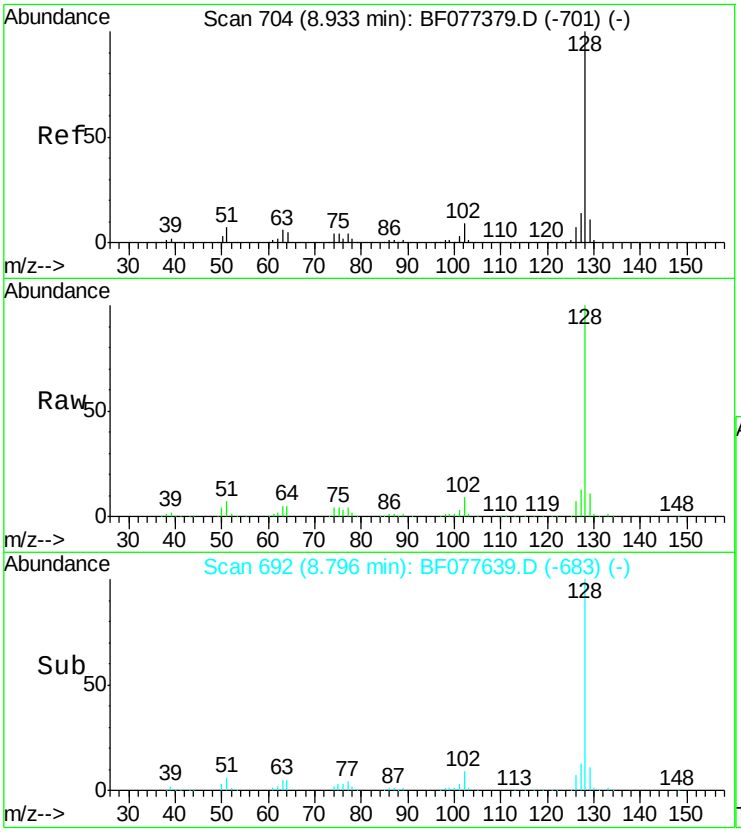


#30
1,2,4-Trichlorobenzene
Concen: 66.67 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:180 Resp: 60795

Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.2	114.4
145	30.2	24.5	36.7



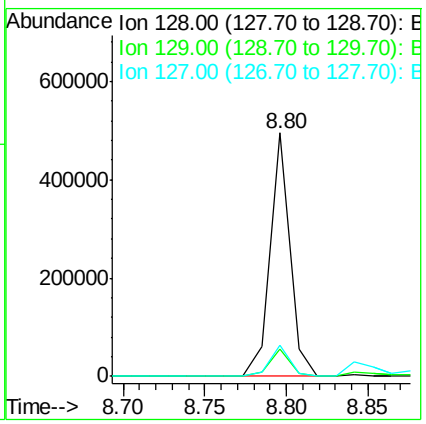


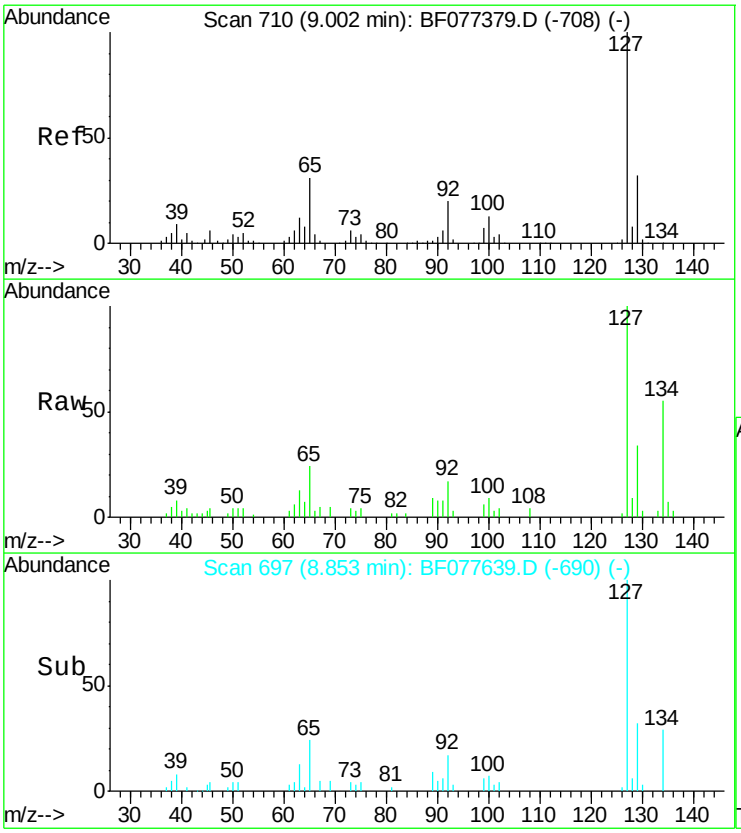
#31
Naphthalene
Concen: 147.72 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:128 Resp: 420738

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.0	10.6	15.8

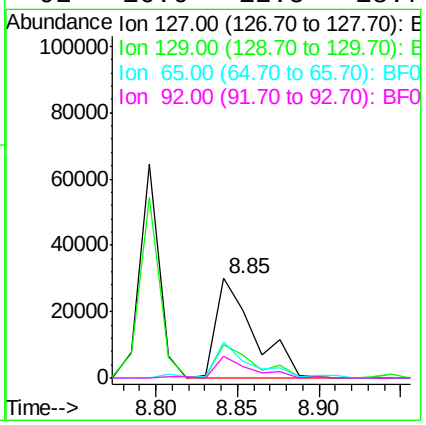


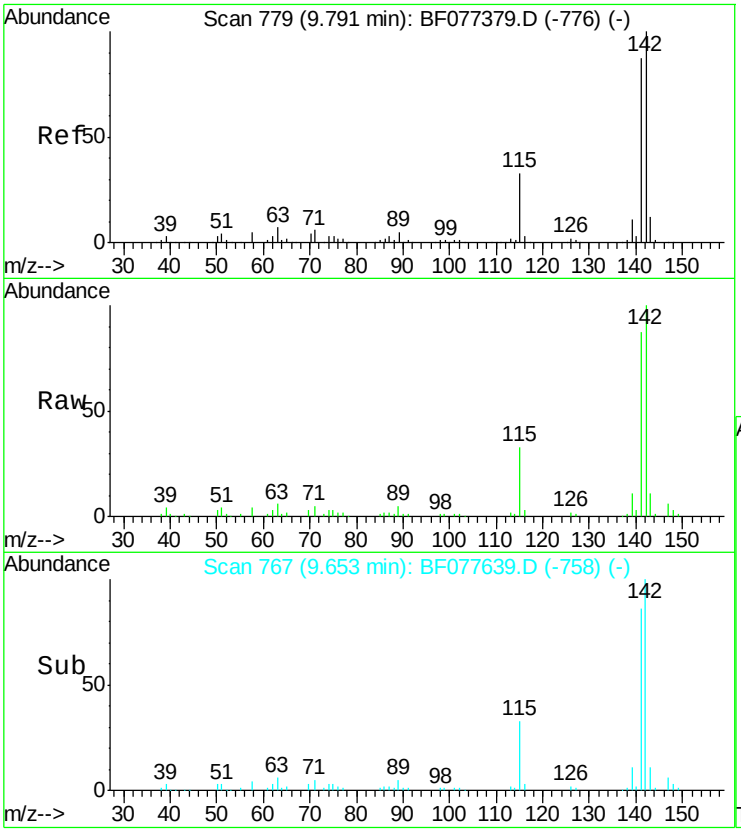


#33
4-Chloroaniline
Concen: 38.38 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:127 Resp: 48601

Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.9	40.3
65	24.1	16.7	25.1
92	16.6	12.5	18.7



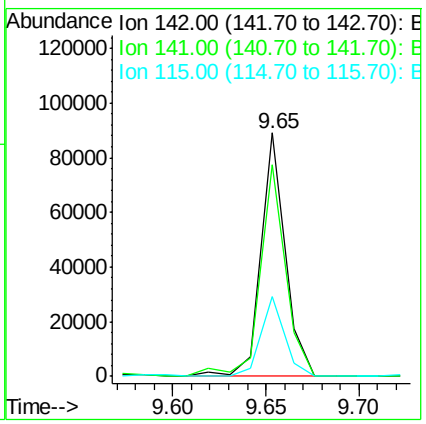


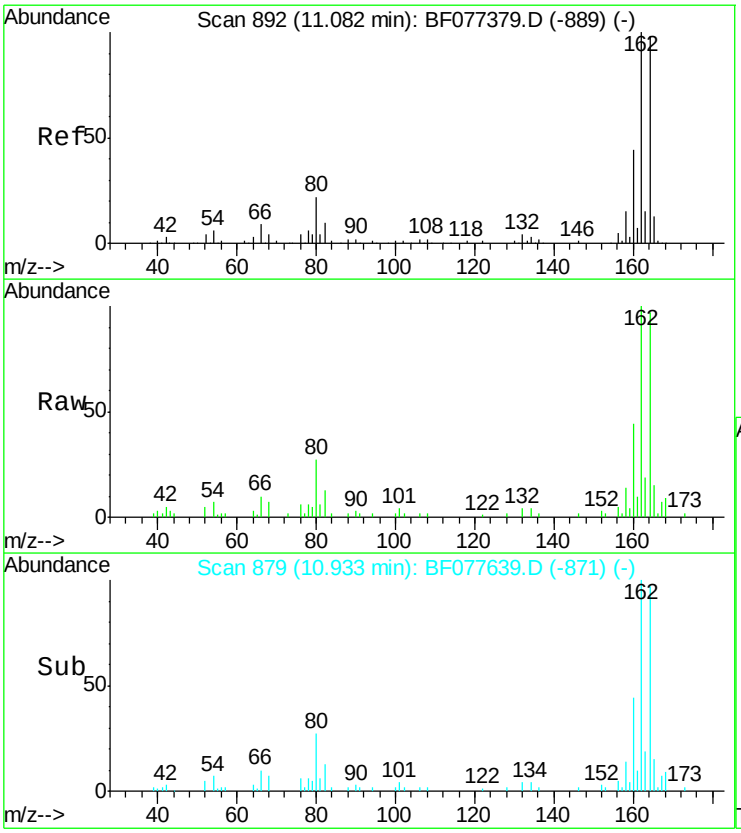
#37
2-Methylnaphthalene
Concen: 39.27 ng
RT: 9.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:142 Resp: 79424

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.7	106.1
115	32.7	24.2	36.4

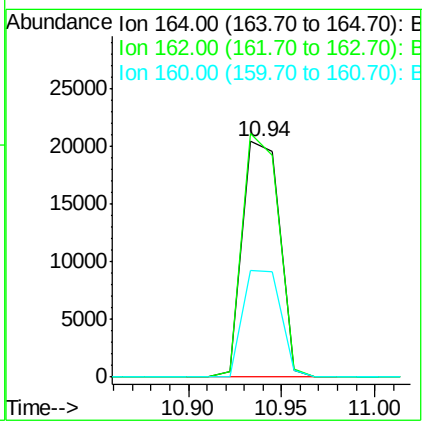


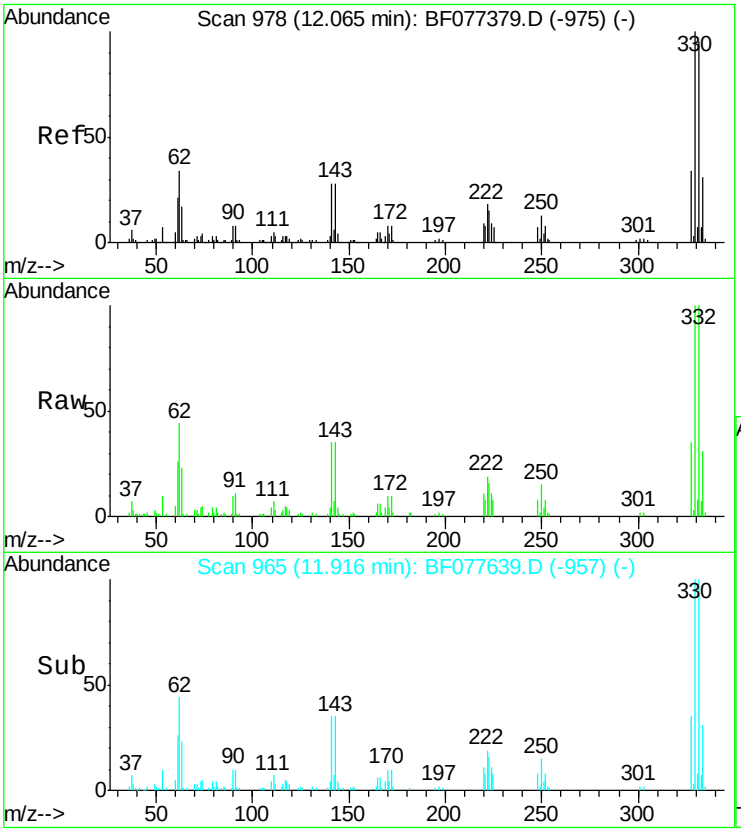


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.94 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:164 Resp: 28222

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.2	124.8
160	45.5	34.6	52.0



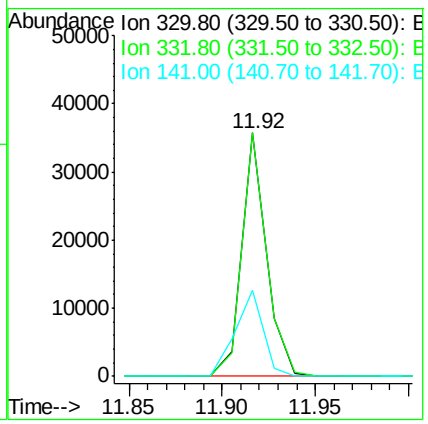


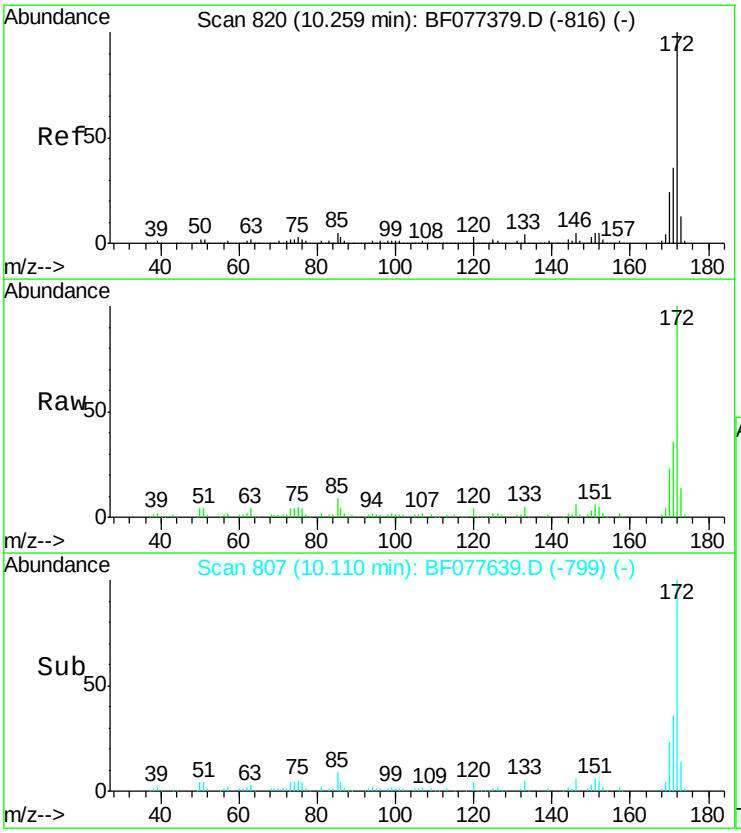
#41
2,4,6-Tribromophenol
Concen: 122.19 ng
RT: 11.92 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:330 Resp: 33205

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.4	116.2
141	39.7	28.8	43.2

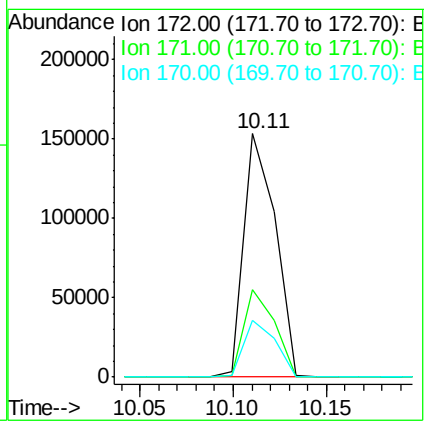


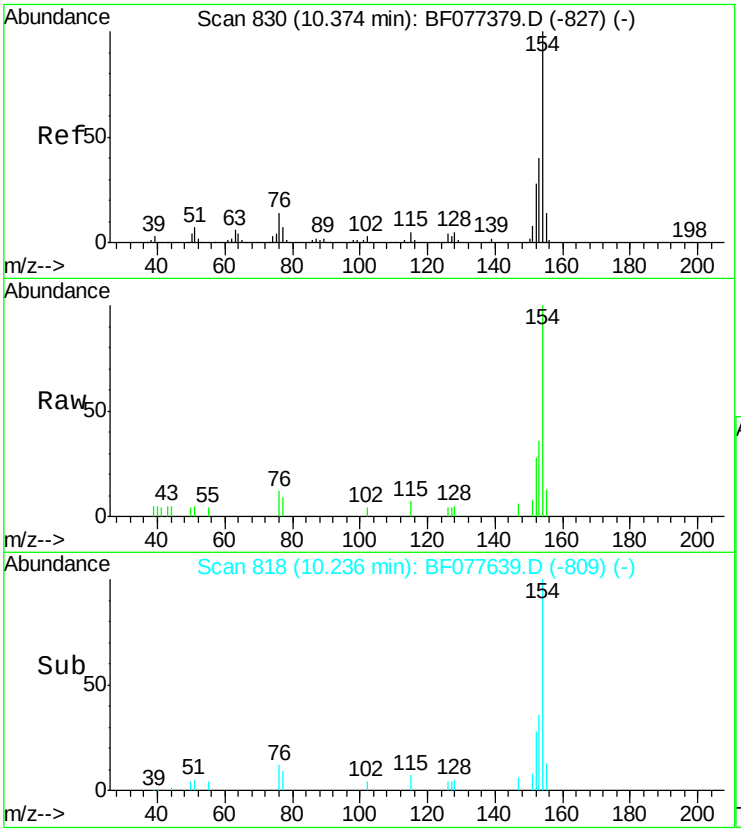


#44
2-Fluorobiphenyl
Concen: 99.65 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:172 Resp: 180370

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.5	19.4	29.2



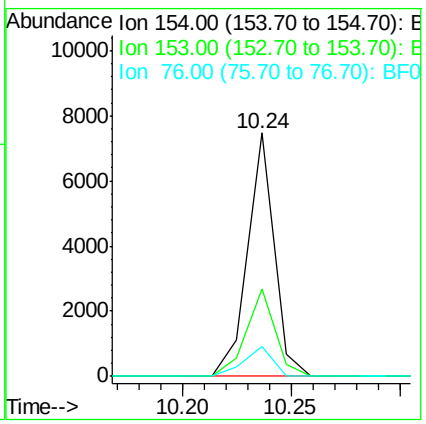


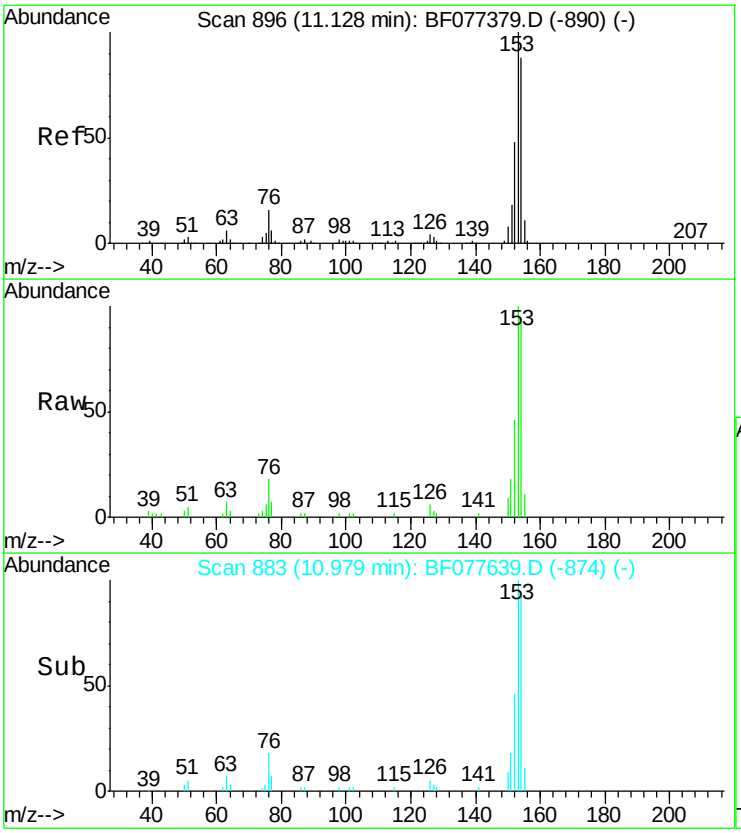
#45
1,1'-Biphenyl
Concen: 2.97 ng
RT: 10.24 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:154 Resp: 6346

Ion	Ratio	Lower	Upper
154	100		
153	35.7	20.2	60.2
76	12.1	0.0	29.4

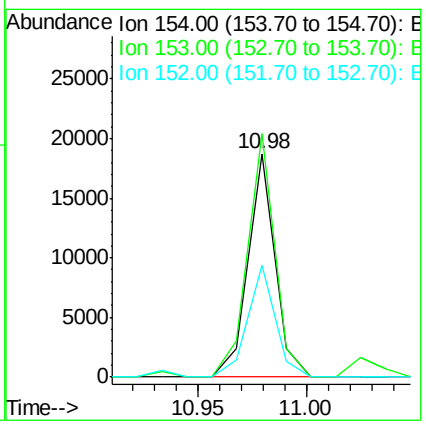


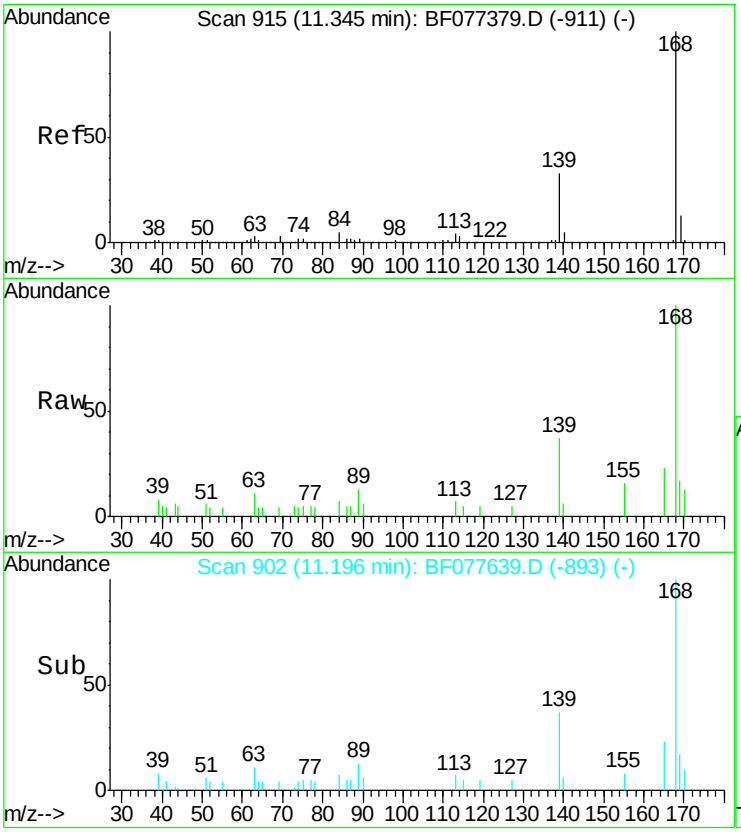


#51
Acenaphthene
Concen: 10.21 ng
RT: 10.98 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:154 Resp: 16171

Ion	Ratio	Lower	Upper
154	100		
153	109.1	90.5	135.7
152	50.3	43.5	65.3



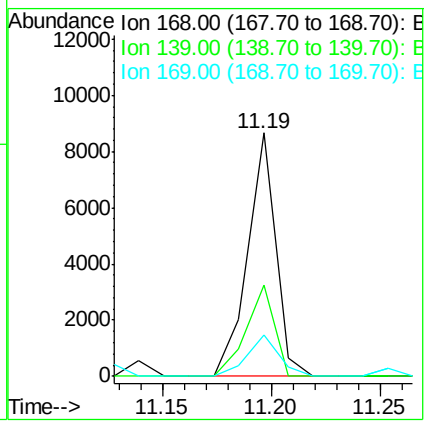


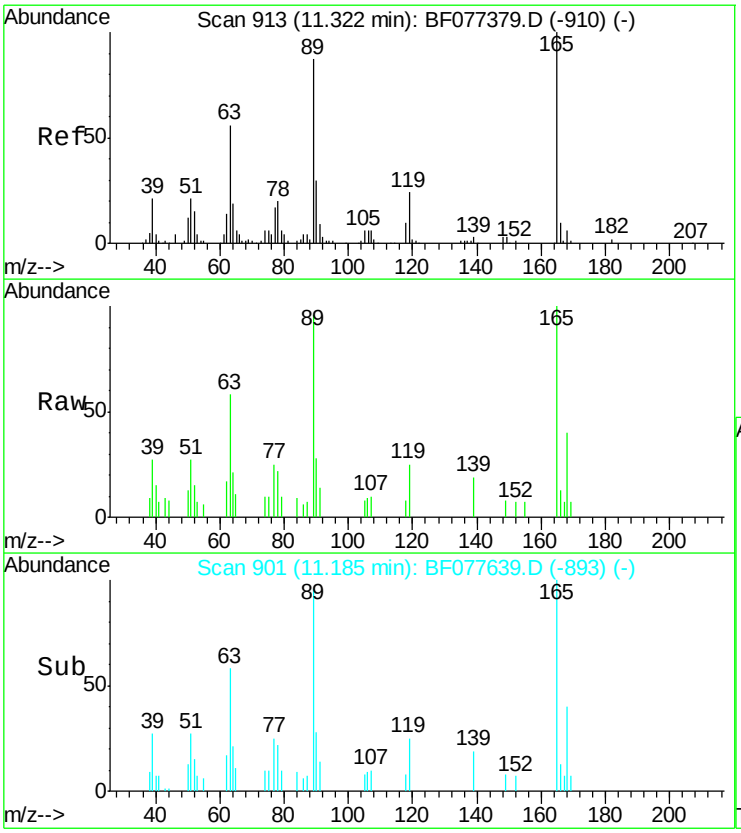
#54
Dibenzofuran
Concen: 3.17 ng
RT: 11.19 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:168 Resp: 7762

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.3	43.9
169	16.9	10.9	16.3#

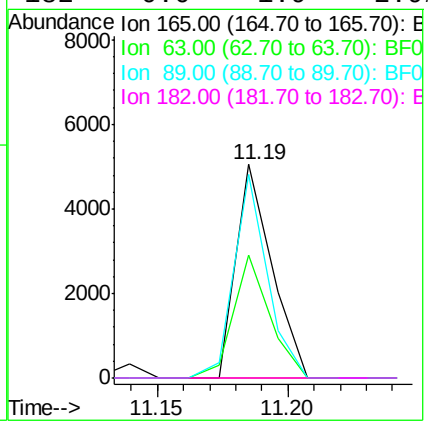


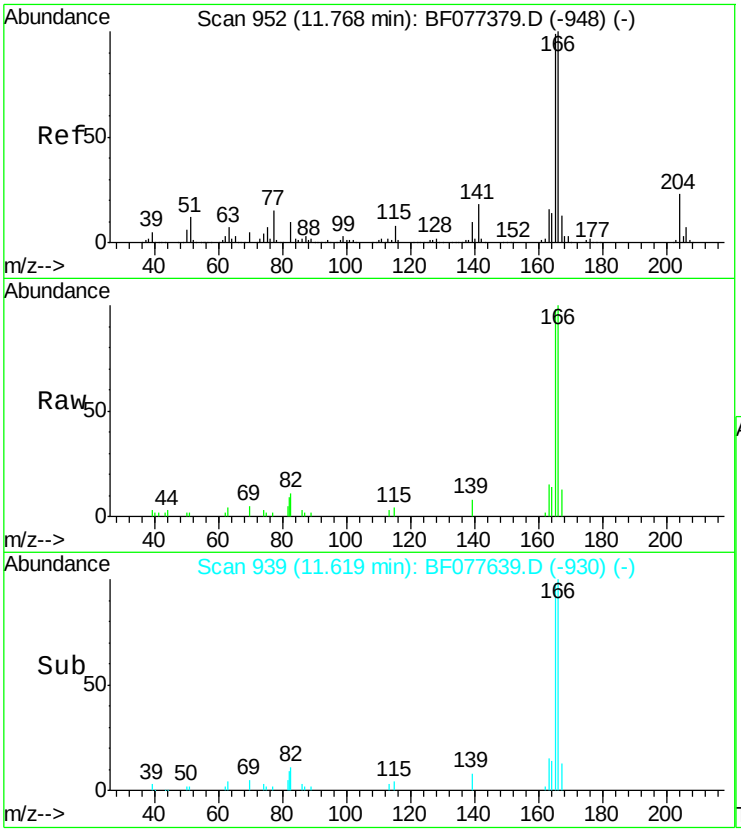


#56
2,4-Dinitrotoluene
Concen: 9.03 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:165 Resp: 4854

Ion	Ratio	Lower	Upper
165	100		
63	57.7	29.8	44.8#
89	95.5	48.5	72.7#
182	0.0	1.9	2.9#



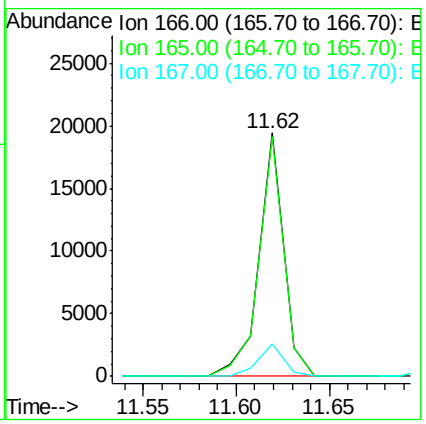


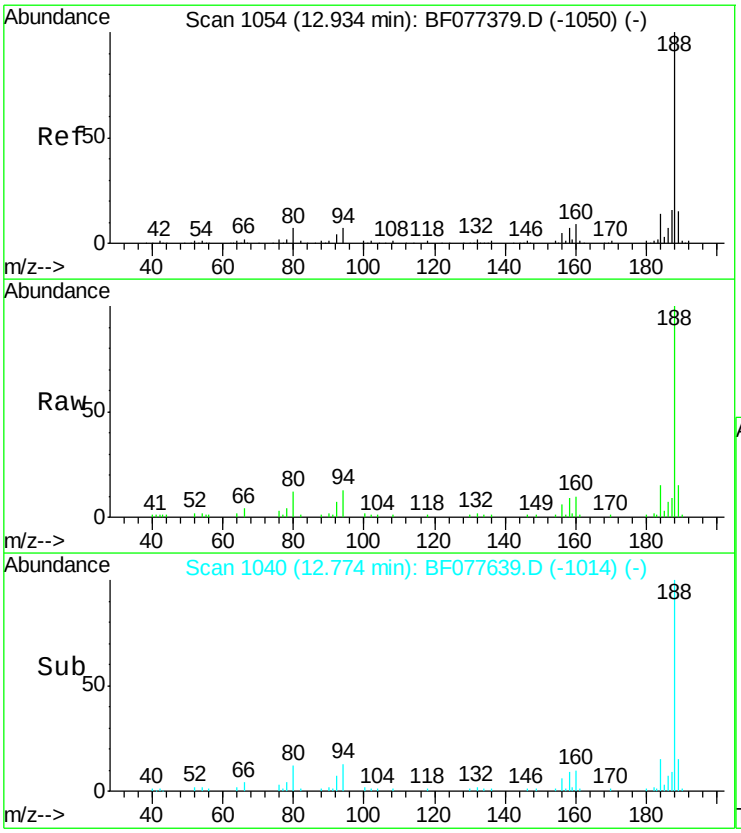
#57
Fluorene
Concen: 9.05 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:166 Resp: 17701

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.6	116.4
167	13.1	10.6	16.0

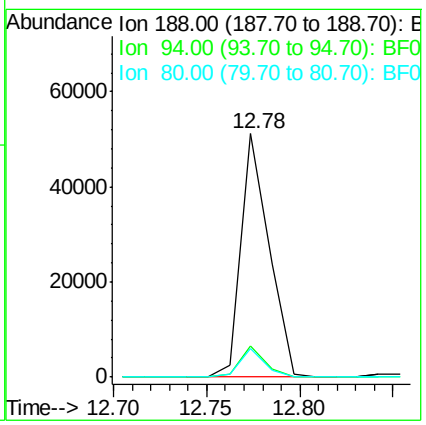


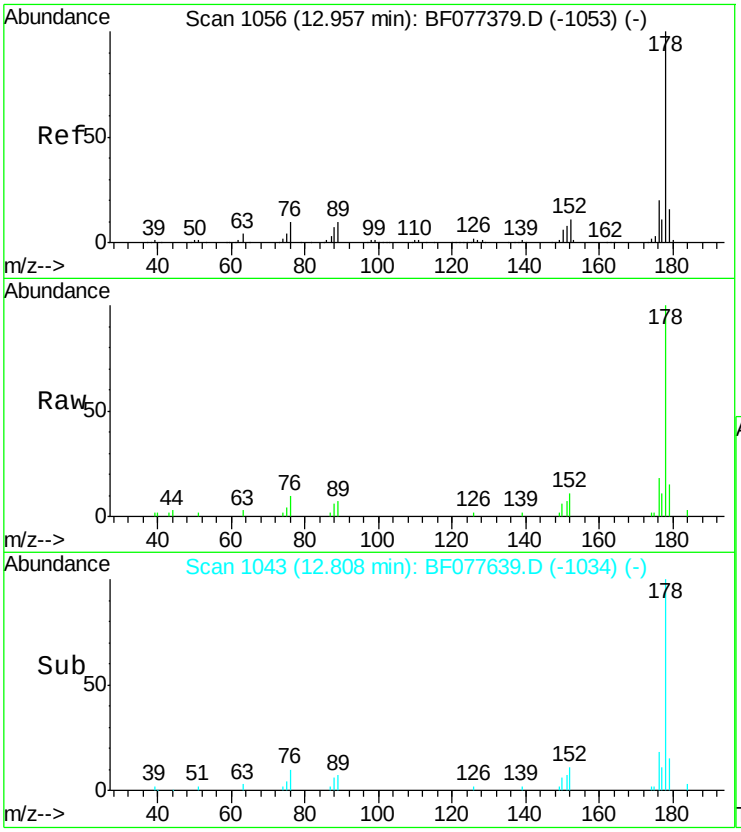


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.78 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:188 Resp: 53463

Ion	Ratio	Lower	Upper
188	100		
94	12.8	7.4	11.2#
80	11.6	8.0	12.0



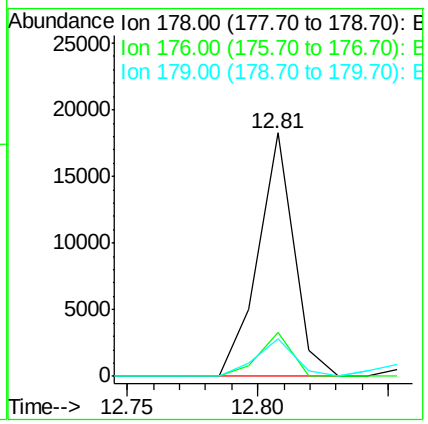


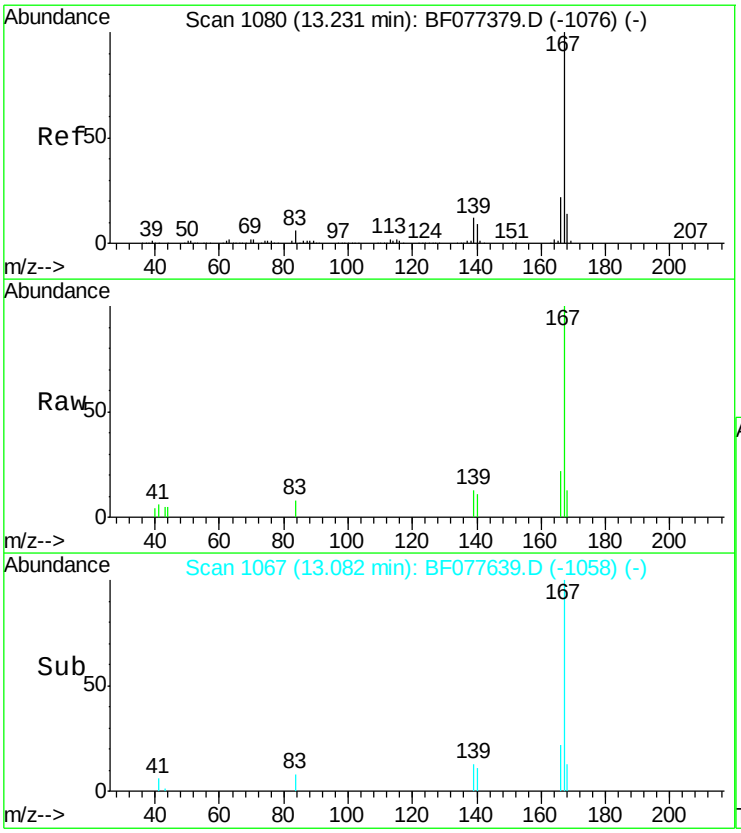
#70
Phenanthrene
Concen: 5.60 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:178 Resp: 17360

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.5	23.3
179	15.4	12.2	18.2

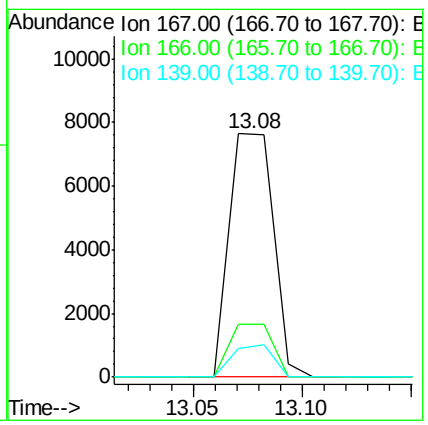


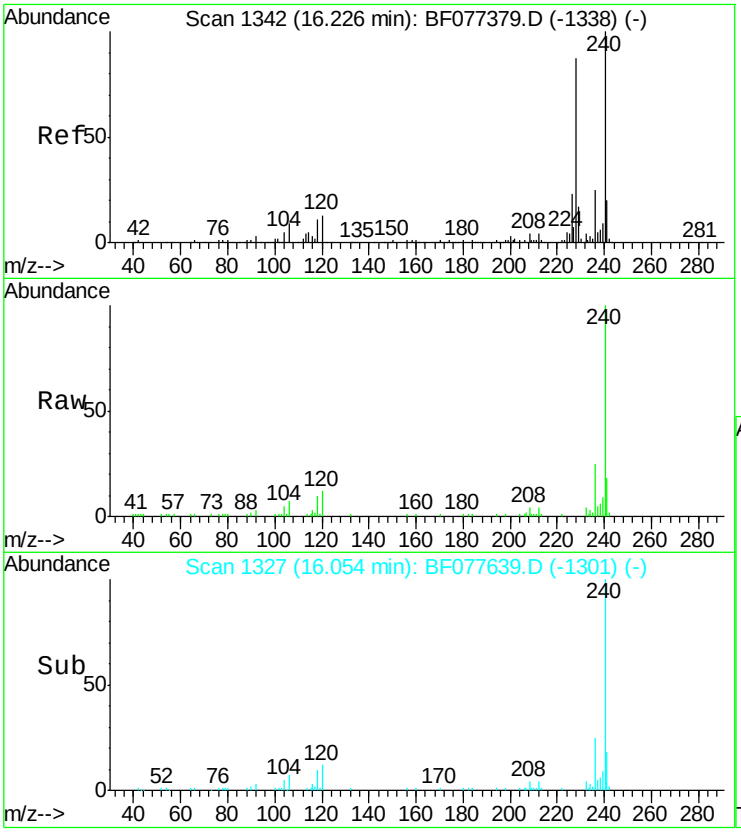


#72
Carbazole
Concen: 3.68 ng
RT: 13.08 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:167 Resp: 10764

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.3	9.9	14.9



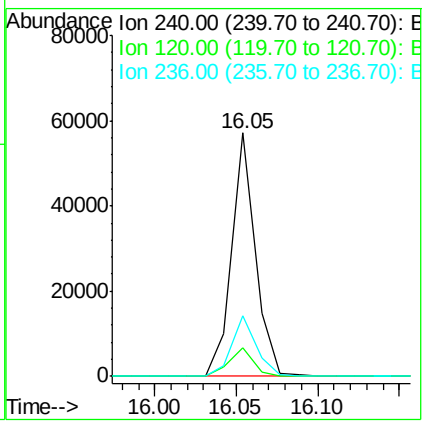


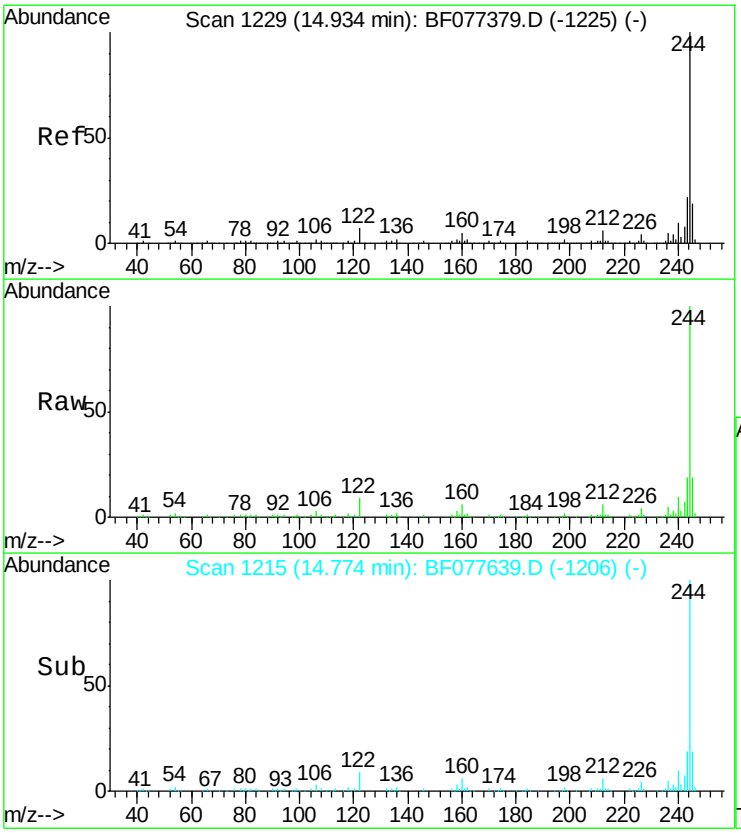
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:240 Resp: 57067

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.8	13.2
236	24.7	20.7	31.1

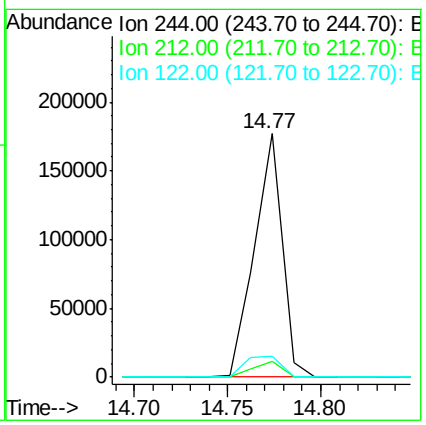


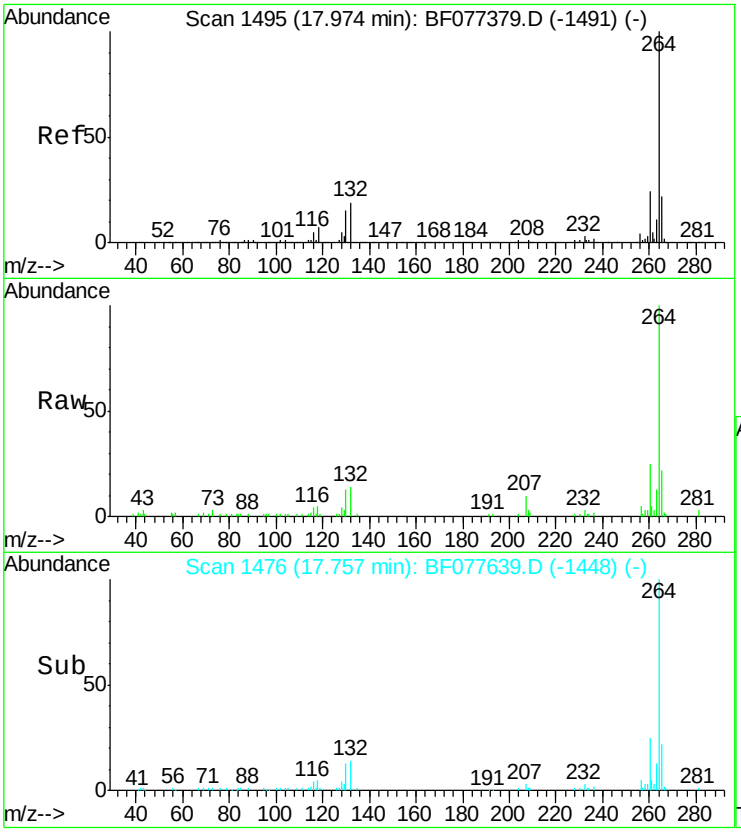


#78
Terphenyl-d14
Concen: 74.50 ng
RT: 14.77 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

Tgt Ion:244 Resp: 181852

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	8.7	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1476
Delta R.T. 0.02 min
Lab File: BF077639.D
Acq: 9 Mar 2015 15:42

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

Tgt Ion:264 Resp: 55839

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.6	16.8	25.2