Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022715\
Data File : BF077507.D
Acq On : 27 Feb 2015 15:32
Operator : TP/IZ
Sample : G1377-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33

Quant Time: Feb 27 22:39:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 22:28:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	90961	20.00	ng		0.00
21) Naphthalene-d8	8.83	136	347701	20.00	ng		0.00
38) Acenaphthene-d10	11.01	164	185190	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	368095	20.00	ng		0.00
75) Chrysene-d12	16.15	240	402034	20.00	ng		0.00
86) Perylene-d12	17.93	264	394277	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	188529	34.60	ng		0.00
7) Phenol-d6	6.81	99	136287	19.45	ng		0.00
23) Nitrobenzene-d5	7.95	82	338723	60.58	ng		0.00
41) 2,4,6-Tribromophenol	11.99	330	149167	83.65	ng		0.00
44) 2-Fluorobiphenyl	10.18	172	680889	57.33	ng		0.00
78) Terphenyl-d14	14.85	244	912792	53.08	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.92	117	22962	9.66	ng	#	26
31) Naphthalene	8.85	128	35154	2.02	ng		97
35) Caprolactam	9.40	113	3653	2.36	ng	#	1
37) 2-Methylnaphthalene	9.72	142	130270	10.55	ng		98
49) Dimethylphthalate	10.69	163	56921	4.37	ng		99
55) 4-Nitrophenol	11.15	139	5118	2.11	ng	#	83
57) Fluorene	11.69	166	31528	2.46	ng	#	93
62) Azobenzene	11.91	77	55299	4.54	ng	#	1
64) 4,6-Dinitro-2-methylphenol	11.80	198	738	4.18	ng	#	1
70) Phenanthrene	12.88	178	57046	2.67	ng		97
71) Anthracene	12.88	178	50226	2.37	ng		99
72) Carbazole	13.15	167	73761	3.66	ng		97

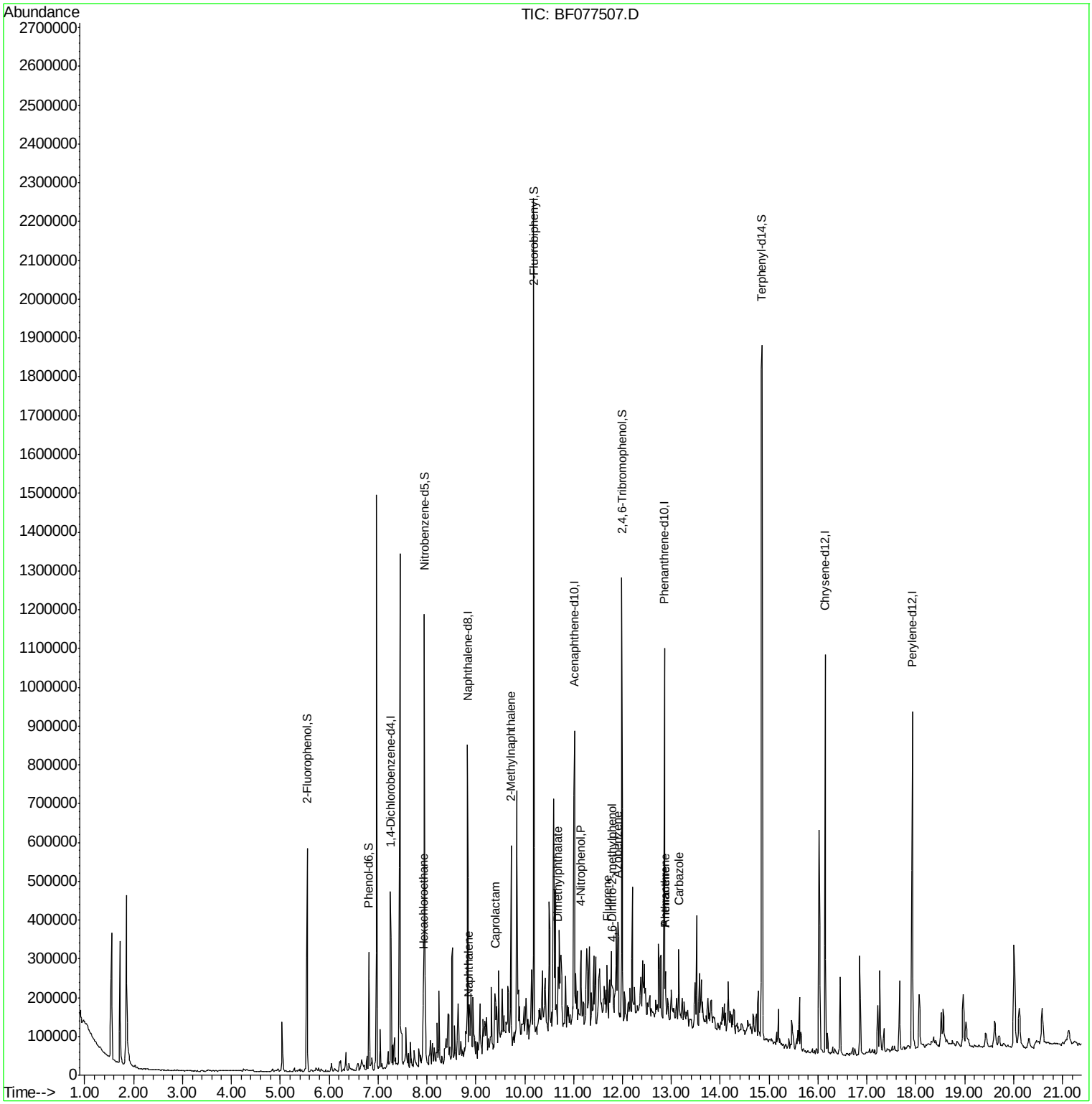
(#) = qualifier out of range (m) = manual integration (+) = signals summed

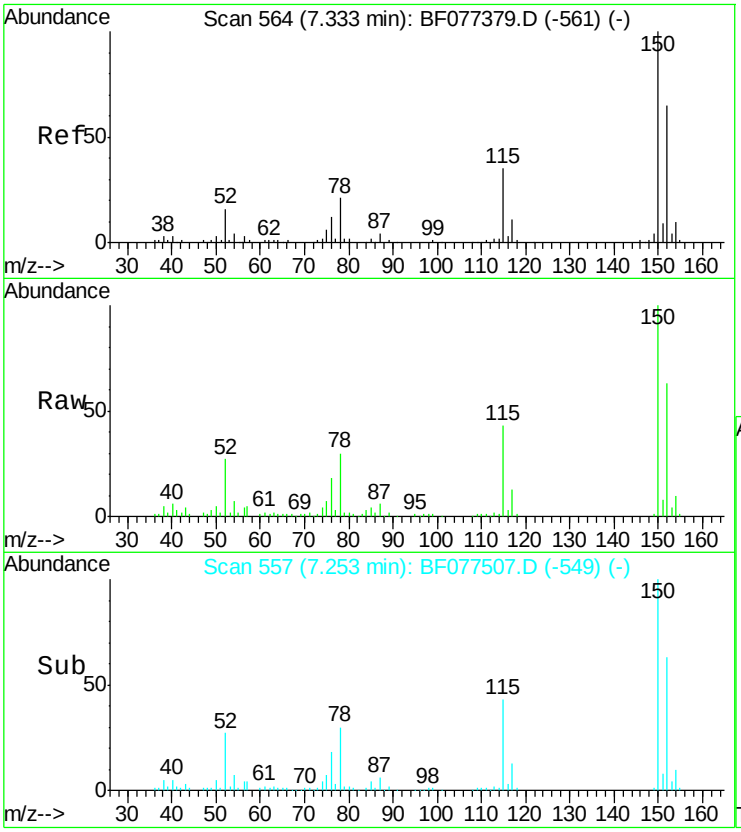
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022715\
Data File : BF077507.D
Acq On : 27 Feb 2015 15:32
Operator : TP/IZ
Sample : G1377-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-33

Quant Time: Feb 27 22:39:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 22:28:54 2015
Response via : Initial Calibration



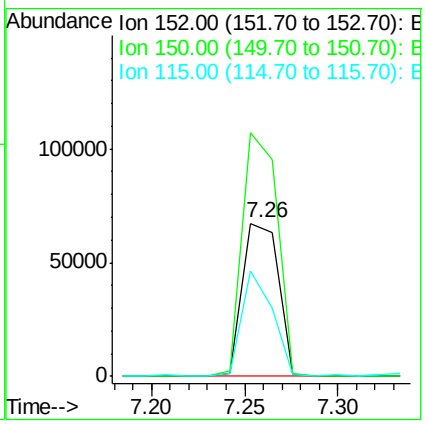


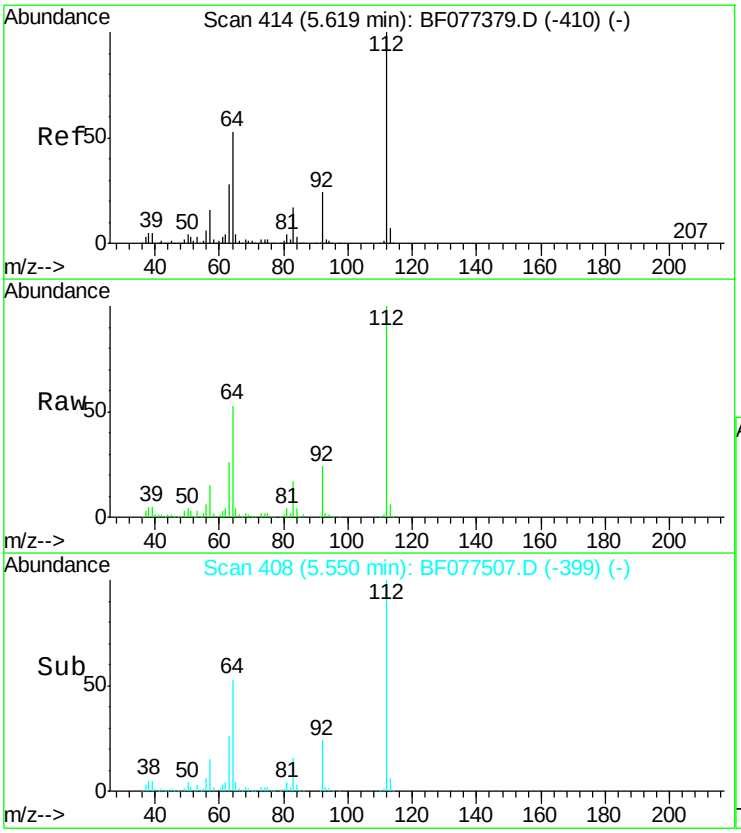
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:152 Resp: 90961

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.0	186.0
115	68.7	49.4	74.2

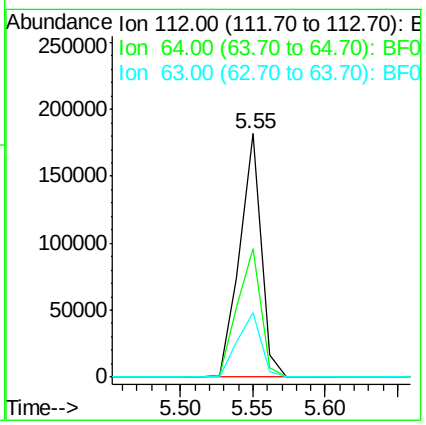


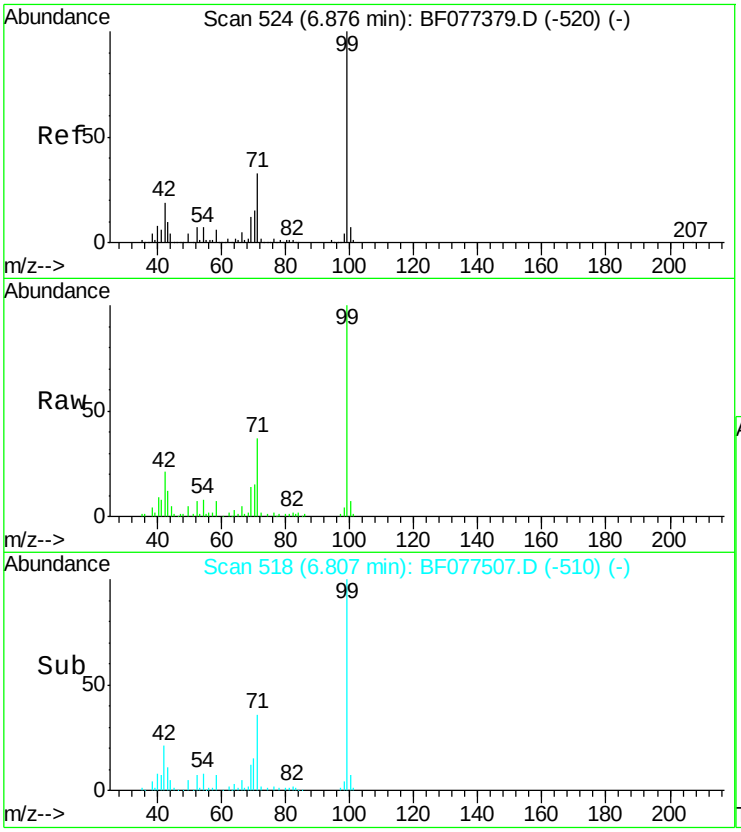


#5
2-Fluorophenol
Concen: 34.60 ng
RT: 5.55 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion:112 Resp: 188529

Ion	Ratio	Lower	Upper
112	100		
64	52.8	48.5	72.7
63	26.5	25.0	37.4



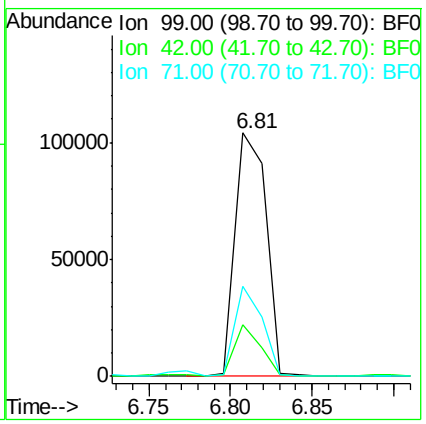


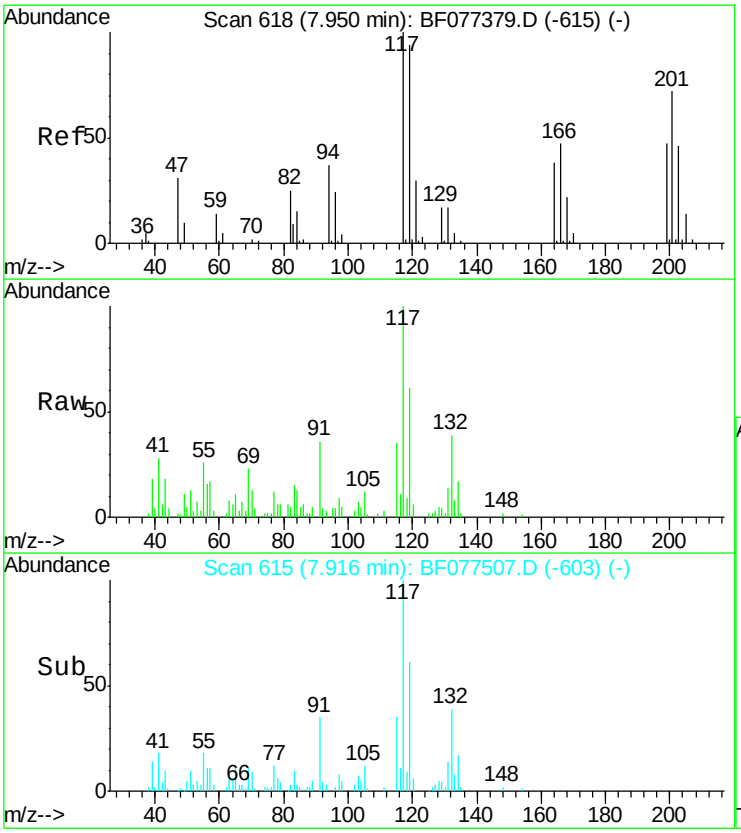
#7
Phenol-d6
Concen: 19.45 ng
RT: 6.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion: 99 Resp: 136287

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.2	24.4
71	37.1	26.7	40.1

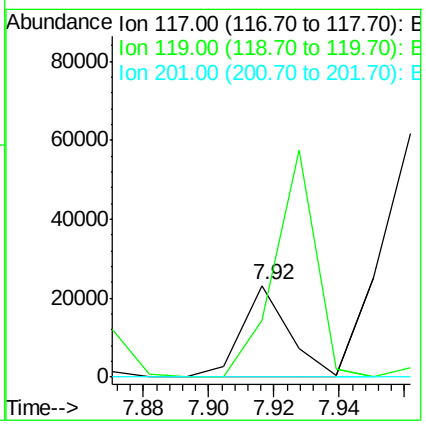


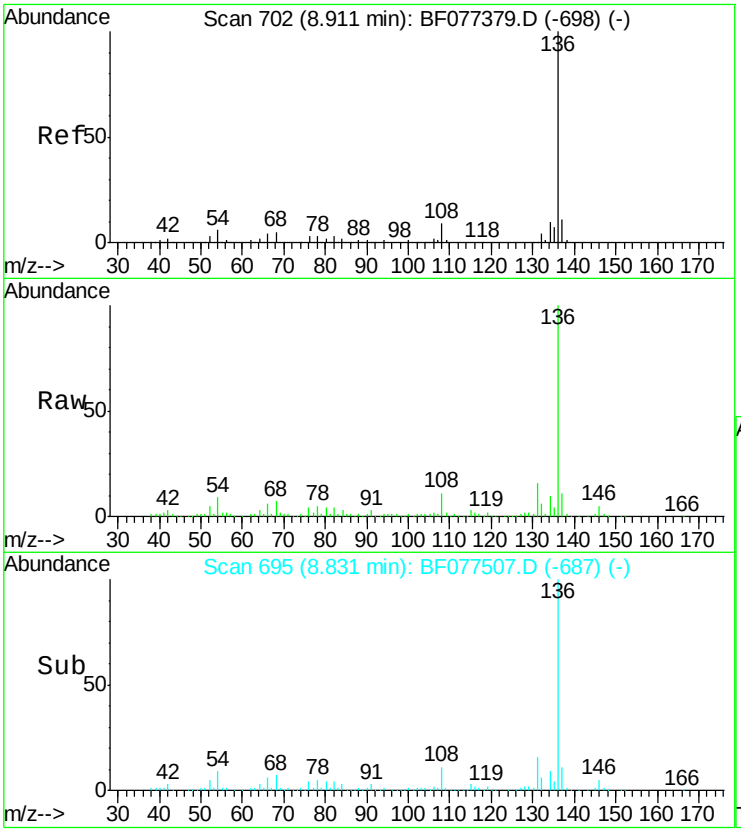


#18
Hexachloroethane
Concen: 9.66 ng
RT: 7.92 min Scan# 615
Delta R.T. 0.04 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion:117 Resp: 22962

Ion	Ratio	Lower	Upper
117	100		
119	61.5	77.8	116.8#
201	0.0	90.6	136.0#



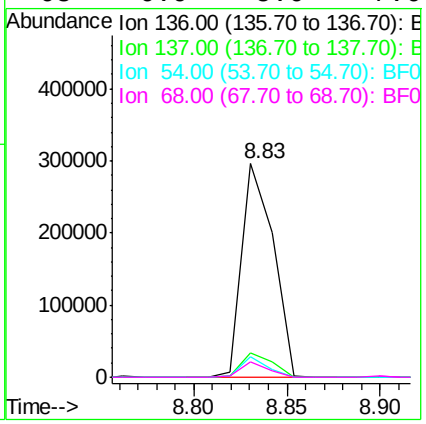


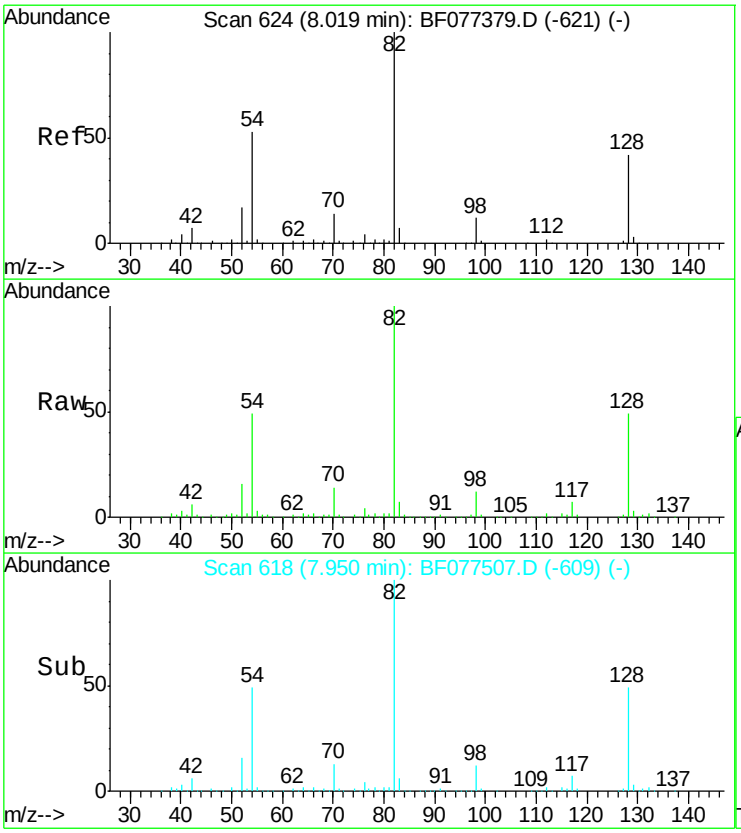
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.83 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:136 Resp: 347701

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.5	6.2	9.4#
68	6.9	5.0	7.6

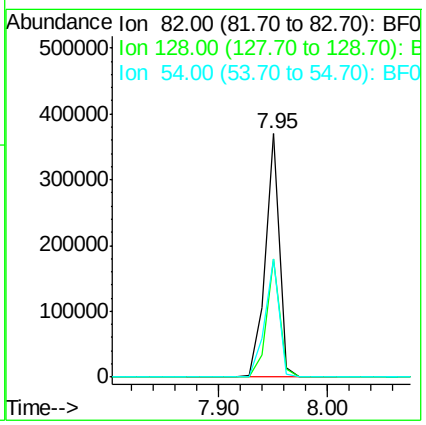


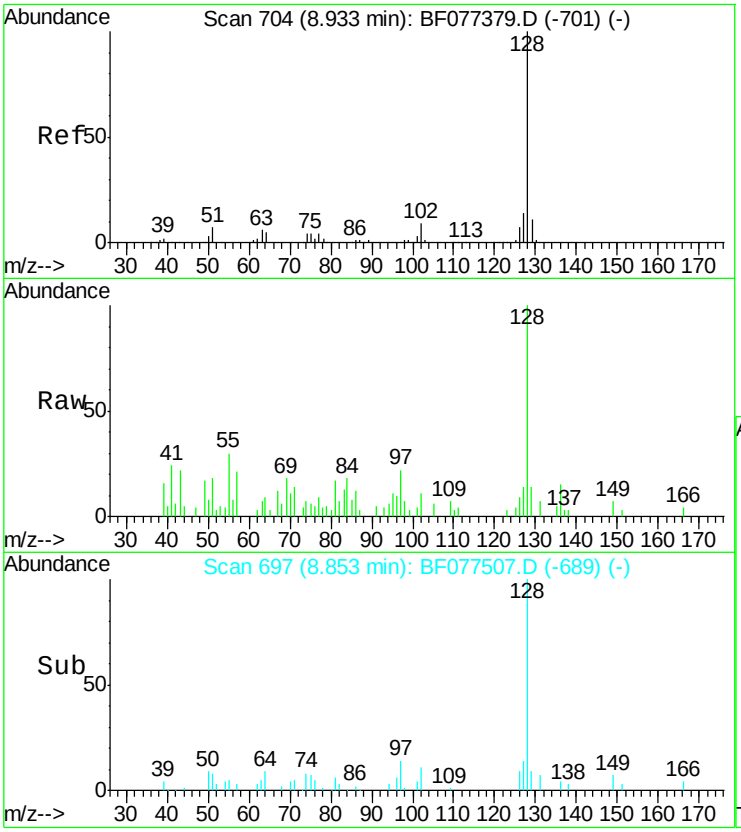


#23
Nitrobenzene-d5
Concen: 60.58 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion: 82 Resp: 338723

Ion	Ratio	Lower	Upper
82	100		
128	48.7	43.8	65.8
54	48.6	36.7	55.1



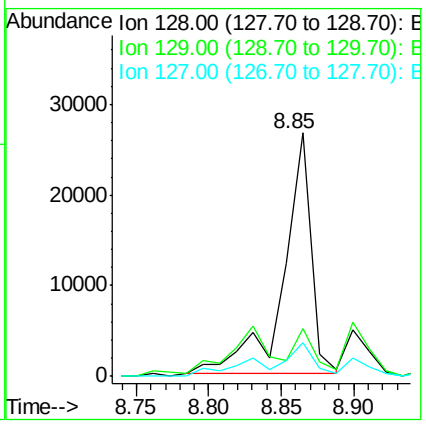


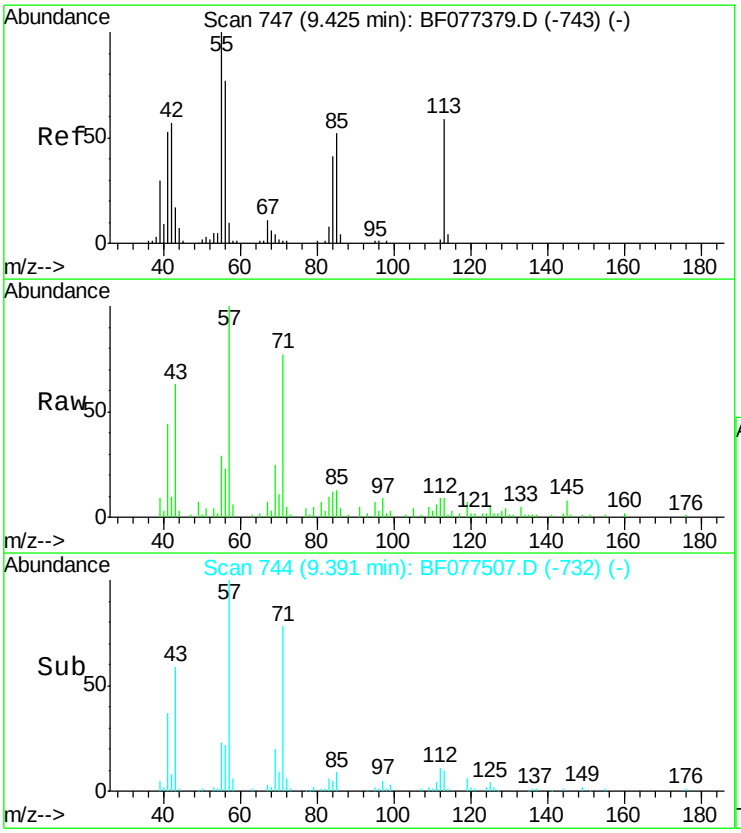
#31
Naphthalene
Concen: 2.02 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:128 Resp: 35154

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.4	14.0
127	13.6	10.6	15.8

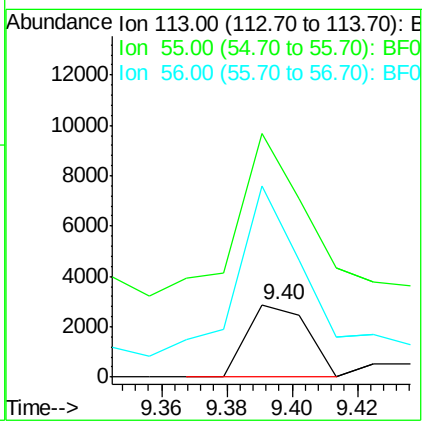


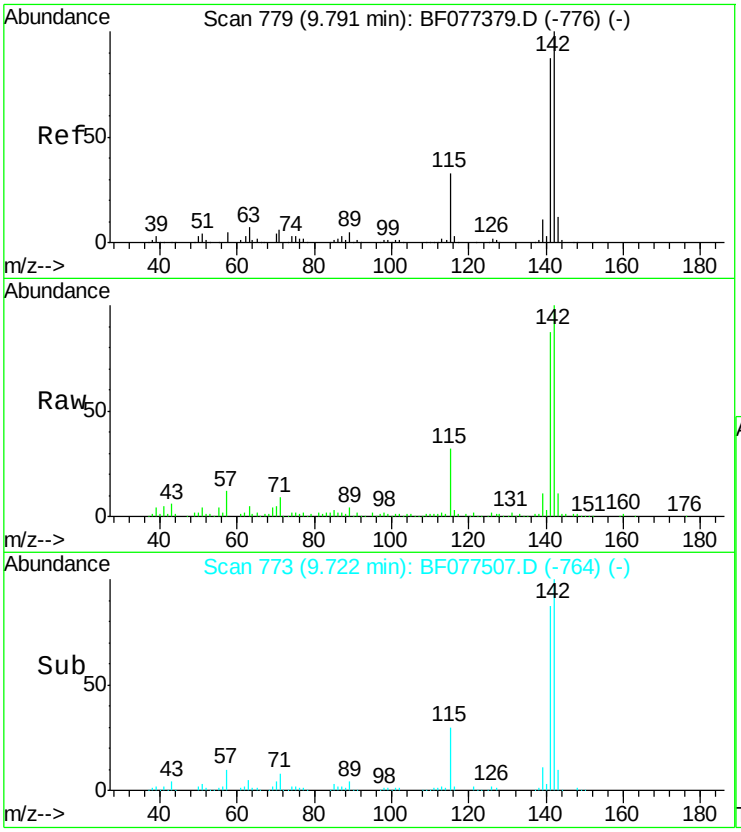


#35
Caprolactam
Concen: 2.36 ng
RT: 9.40 min Scan# 744
Delta R.T. 0.04 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion:113 Resp: 3653

Ion	Ratio	Lower	Upper
113	100		
55	336.2	154.6	194.6#
56	263.2	114.0	154.0#



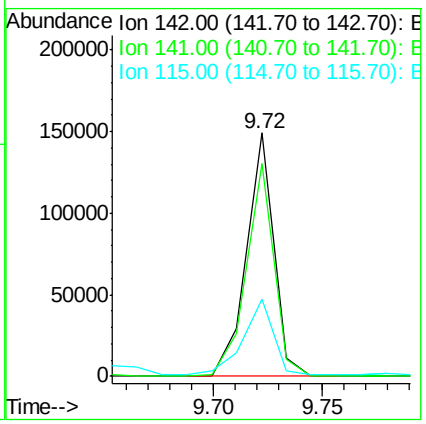


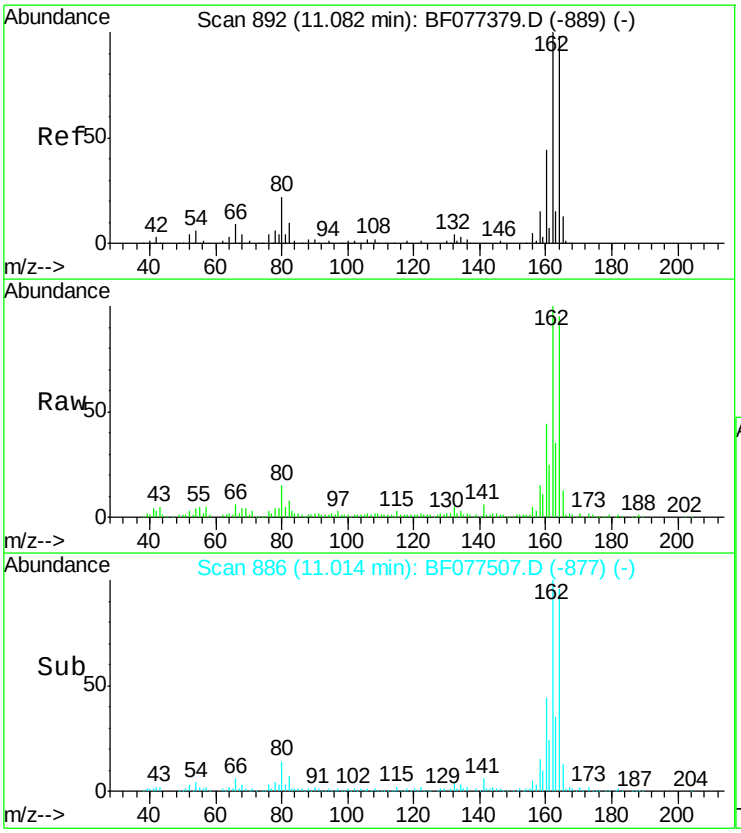
#37
2-Methylnaphthalene
Concen: 10.55 ng
RT: 9.72 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:142 Resp: 130270

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.7	106.1
115	32.0	24.2	36.4

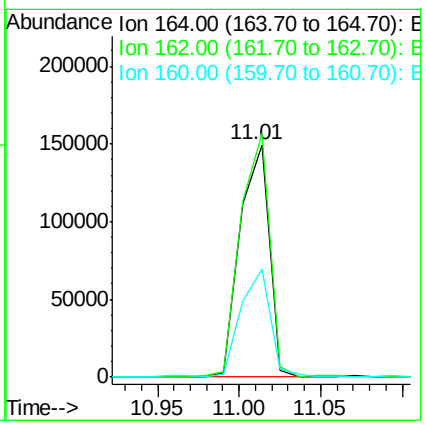


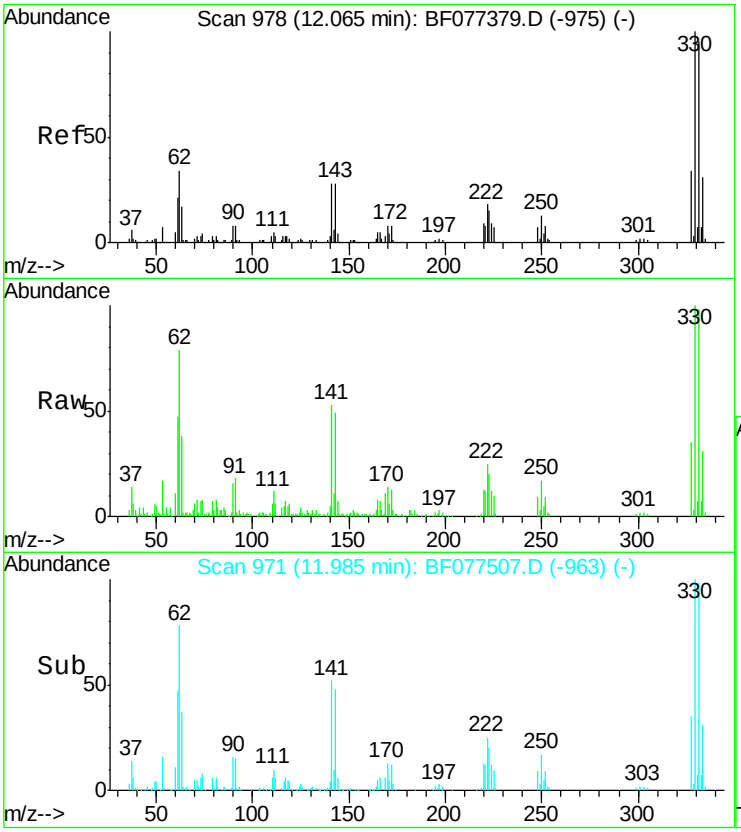


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion:164 Resp: 185190

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.2	124.8
160	46.6	34.6	52.0



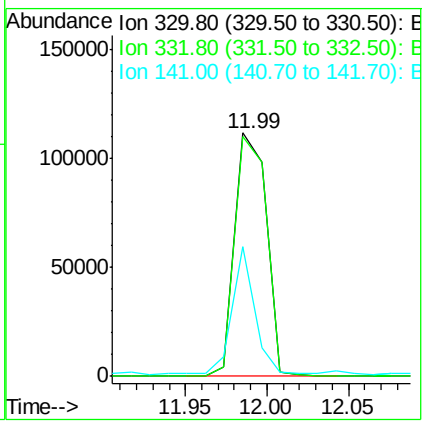


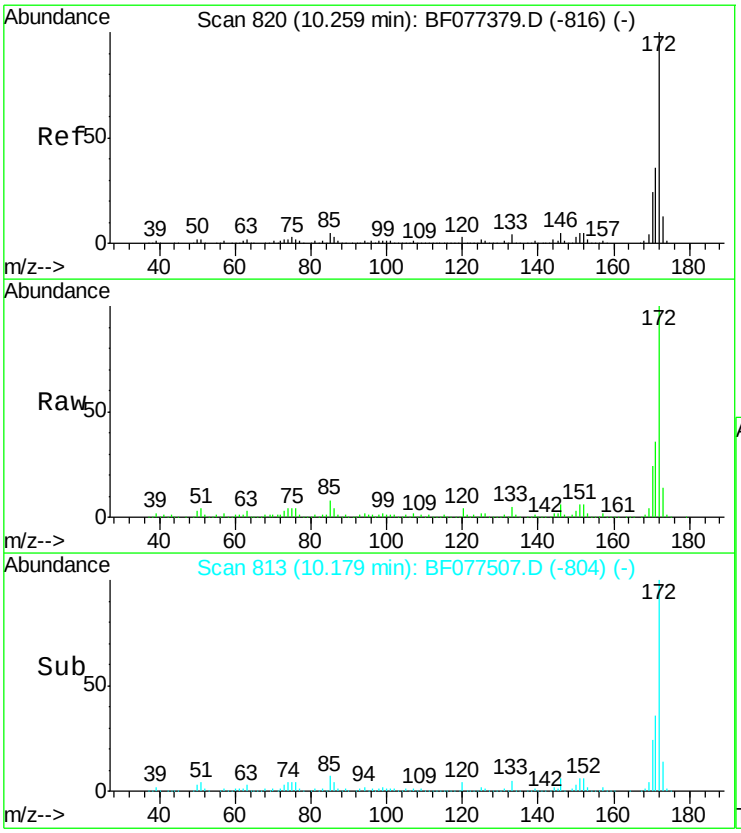
#41
2,4,6-Tribromophenol
Concen: 83.65 ng
RT: 11.99 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:330 Resp: 149167

Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.4	116.2
141	36.7	28.8	43.2

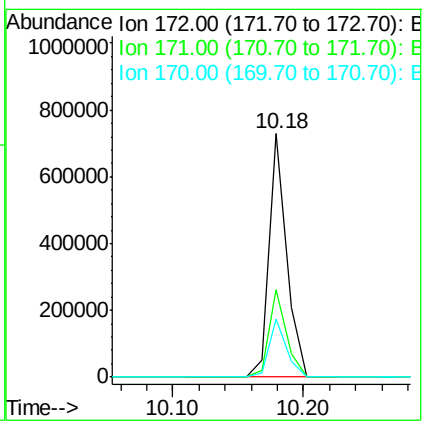


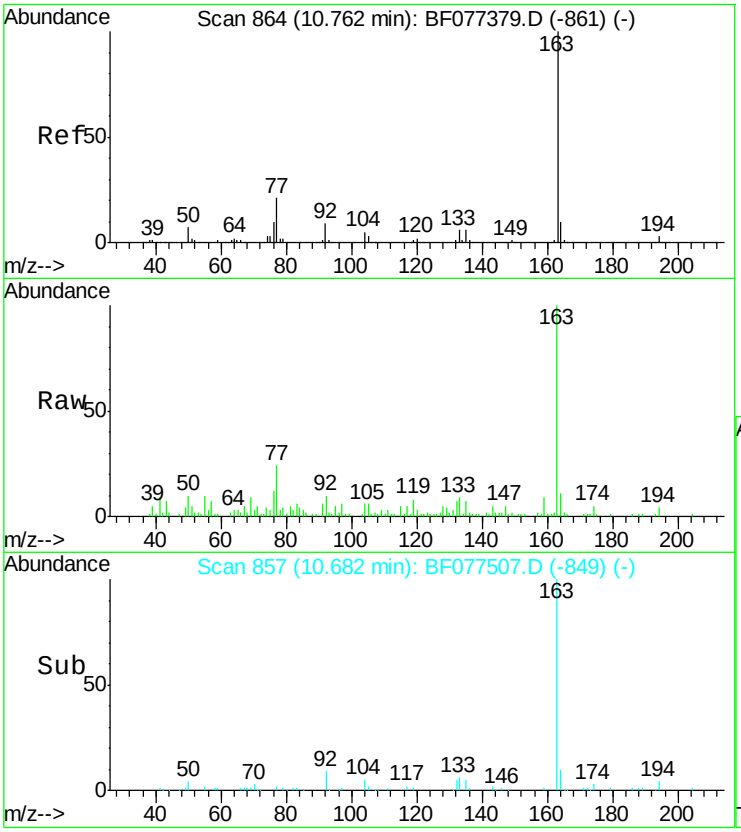


#44
2-Fluorobiphenyl
Concen: 57.33 ng
RT: 10.18 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion:172 Resp: 680889

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.7	19.4	29.2



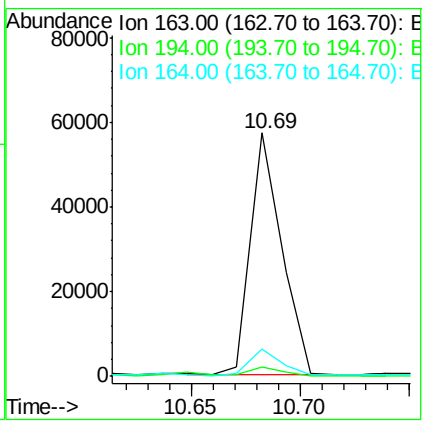


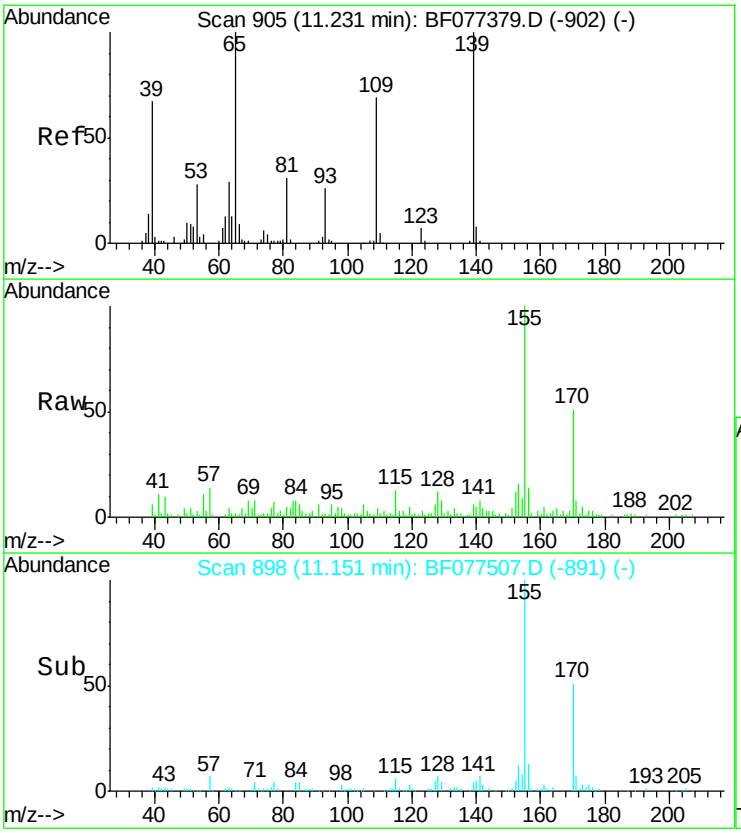
#49
Dimethylphthalate
Concen: 4.37 ng
RT: 10.69 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:163 Resp: 56921

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	11.1	8.6	13.0

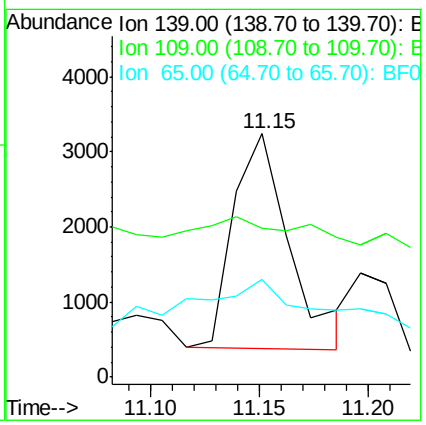


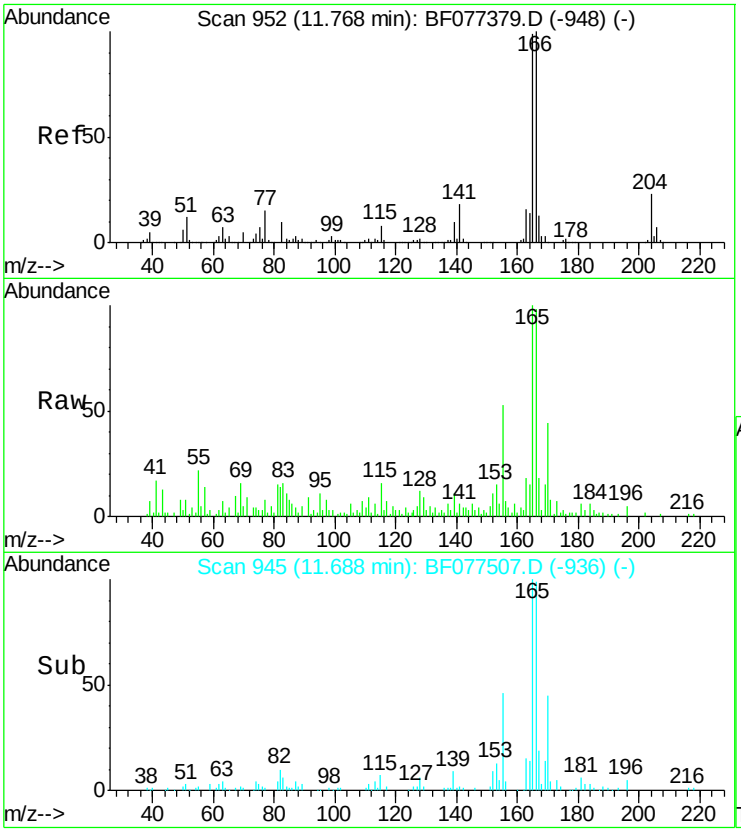


#55
4-Nitrophenol
Concen: 2.11 ng
RT: 11.15 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion:139 Resp: 5118

Ion	Ratio	Lower	Upper
139	100		
109	61.0	36.2	76.2
65	39.9	40.3	80.3#



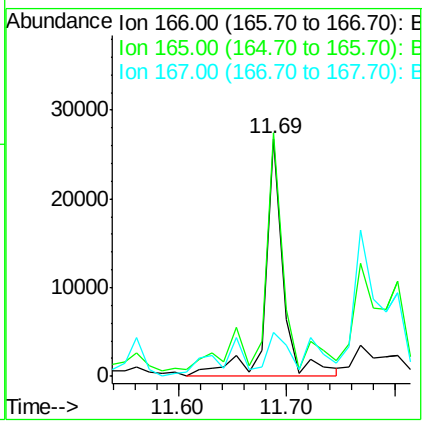


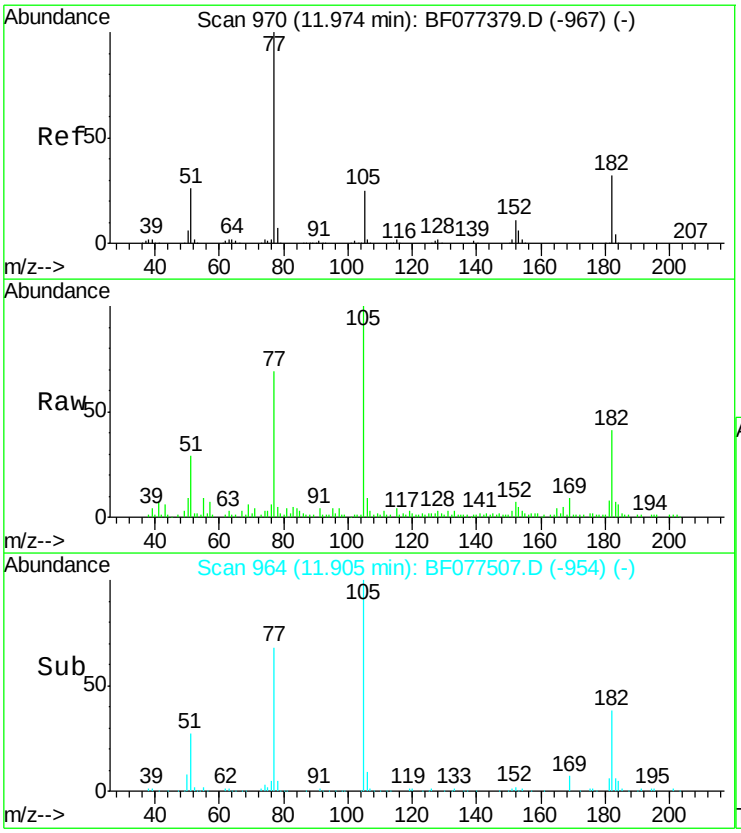
#57
Fluorene
Concen: 2.46 ng
RT: 11.69 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:166 Resp: 31528

Ion	Ratio	Lower	Upper
166	100		
165	102.5	77.6	116.4
167	18.7	10.6	16.0#

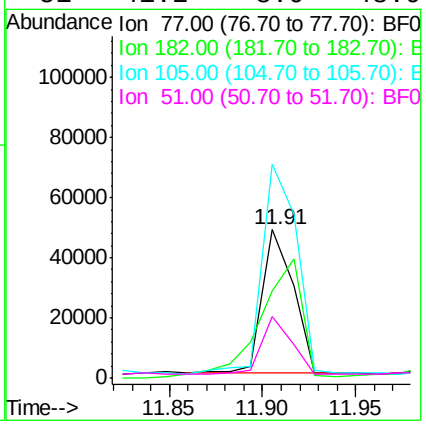


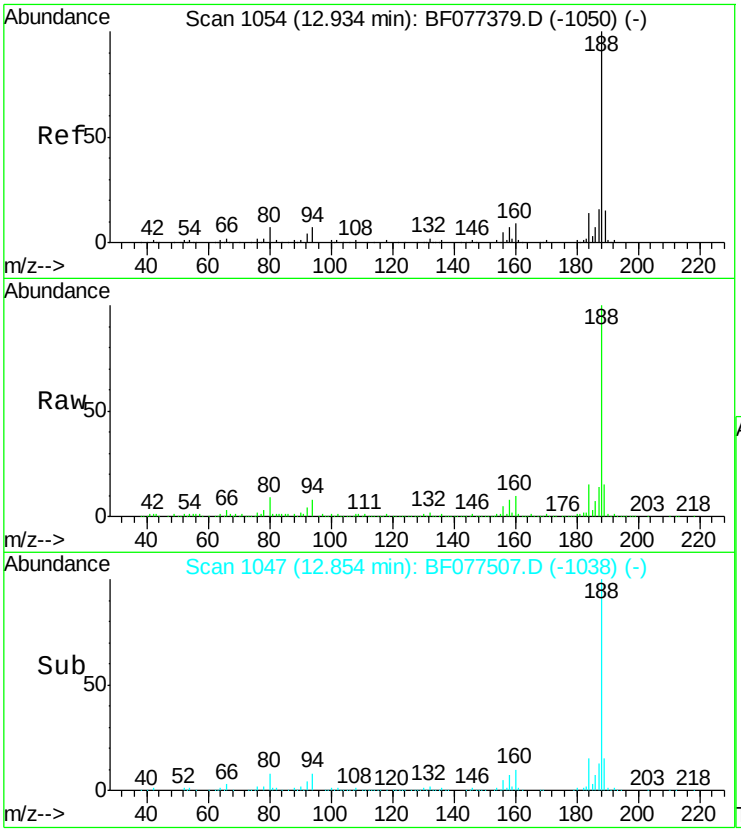


#62
Azobenzene
Concen: 4.54 ng
RT: 11.91 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion: 77 Resp: 55299

Ion	Ratio	Lower	Upper
77	100		
182	58.8	4.9	44.9#
105	144.2	3.3	43.3#
51	41.2	8.9	48.9



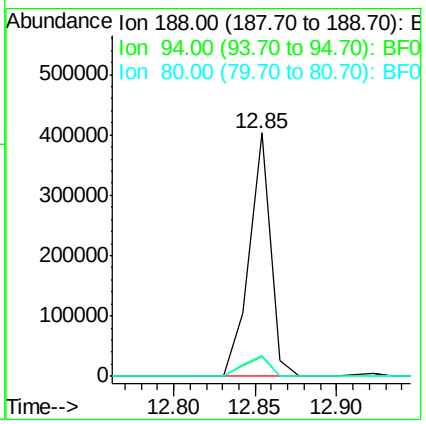


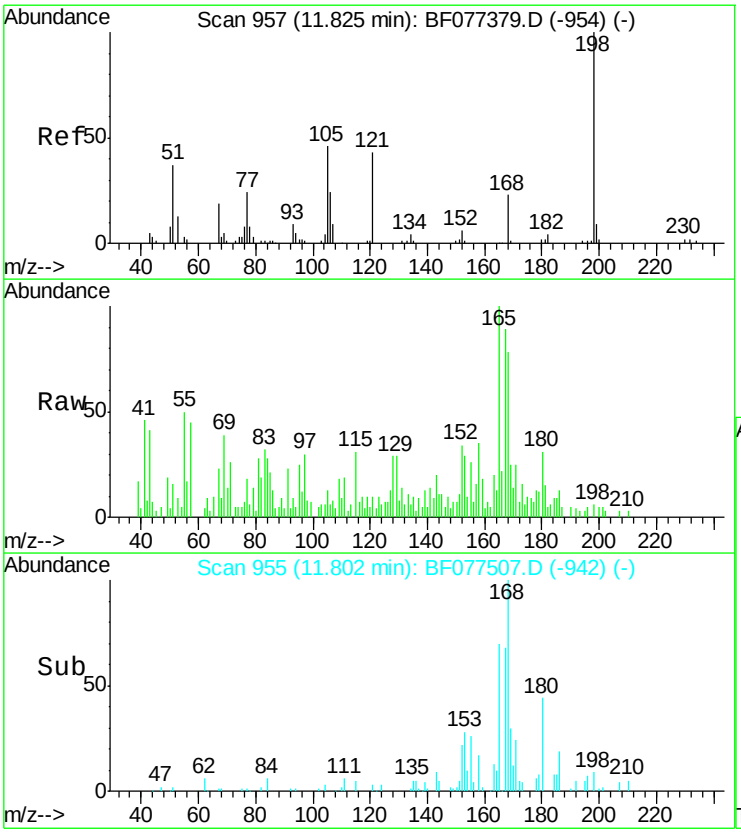
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:188 Resp: 368095

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.4	11.2
80	8.5	8.0	12.0

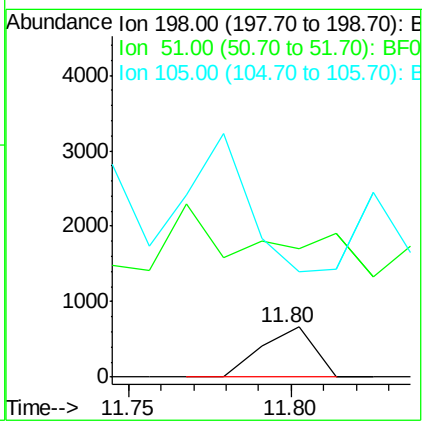


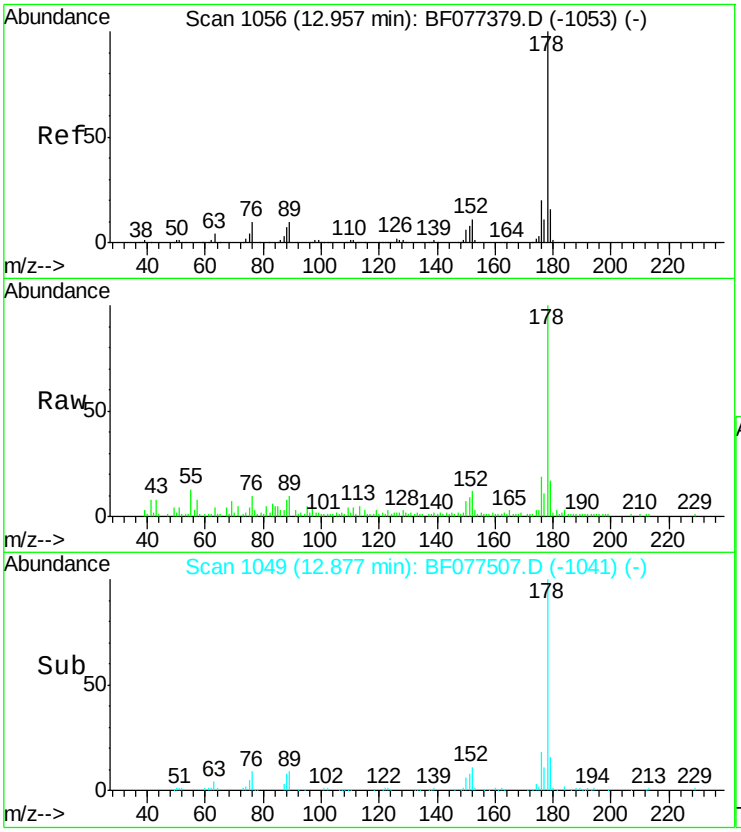


#64
4,6-Dinitro-2-methylphenol
Concen: 4.18 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.04 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion:198 Resp: 738

Ion	Ratio	Lower	Upper
198	100		
51	257.7	2.7	42.7#
105	210.8	10.0	50.0#



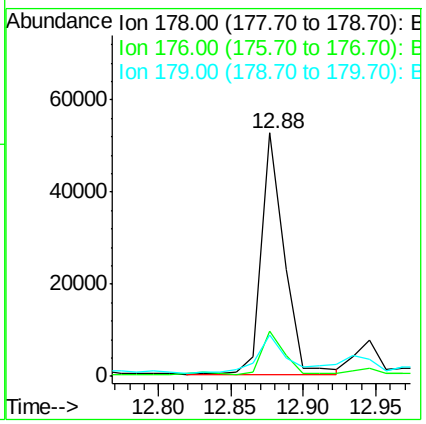


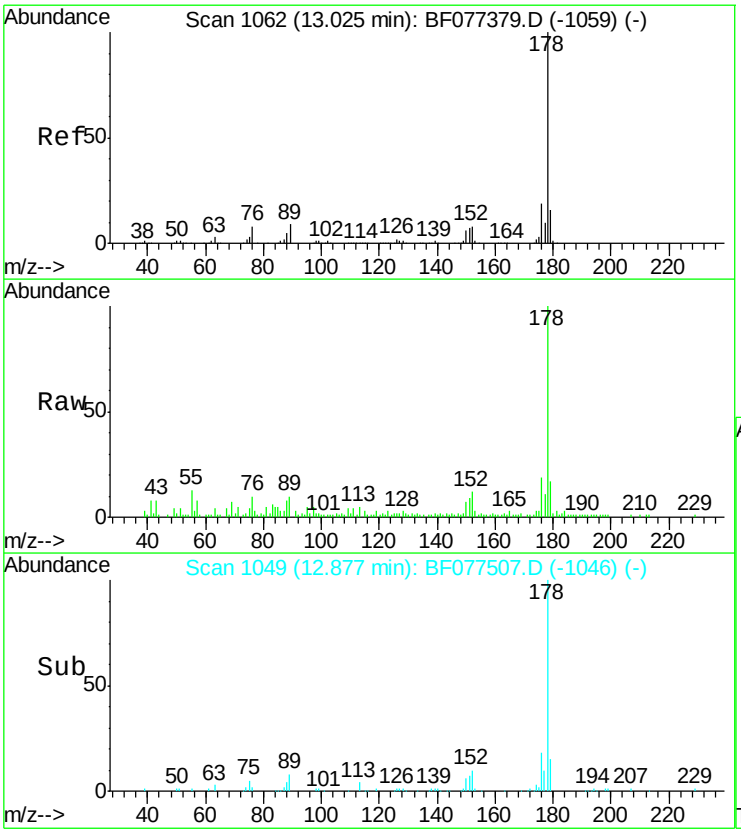
#70
Phenanthrene
Concen: 2.67 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:178 Resp: 57046

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	17.0	12.2	18.2

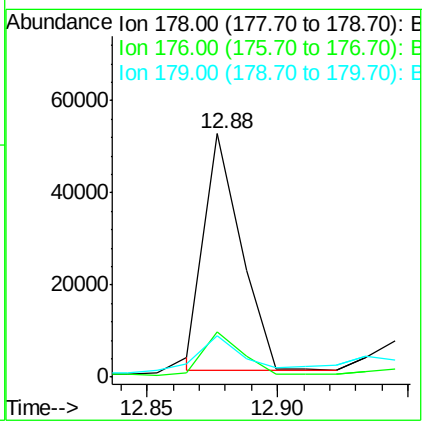


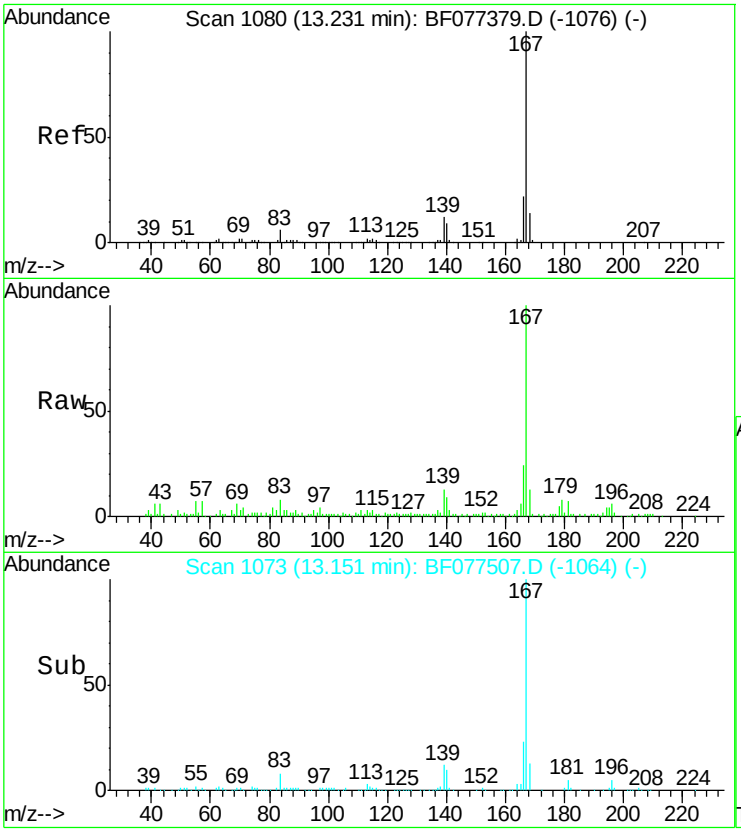


#71
Anthracene
Concen: 2.37 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.07 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion:178 Resp: 50226

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	17.0	12.9	19.3



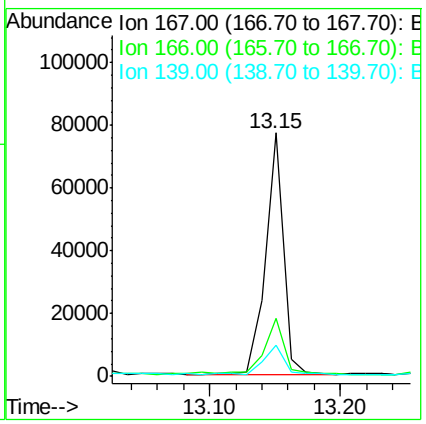


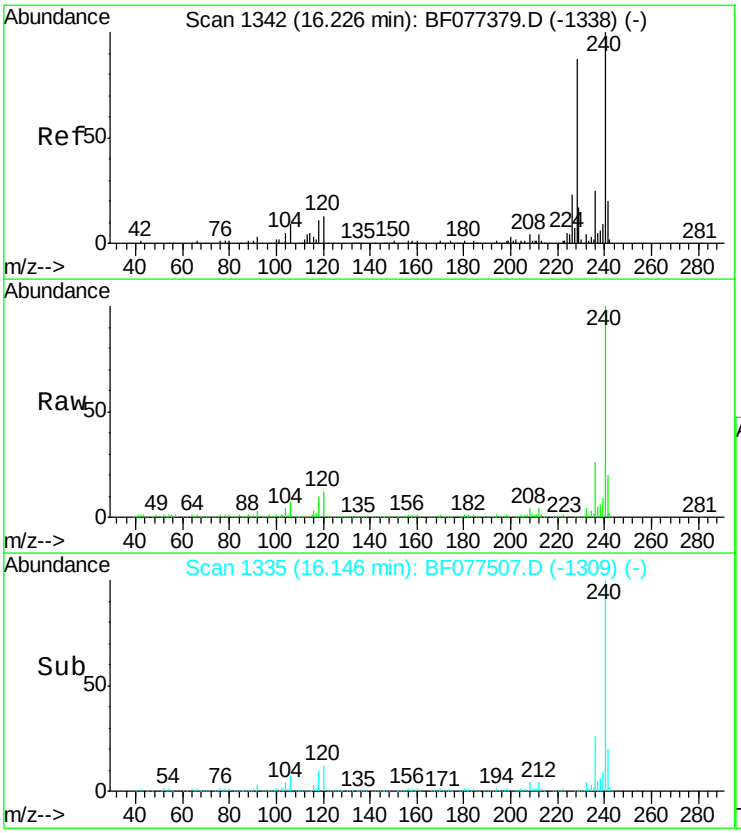
#72
Carbazole
Concen: 3.66 ng
RT: 13.15 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:167 Resp: 73761

Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.6	26.4
139	12.8	9.9	14.9

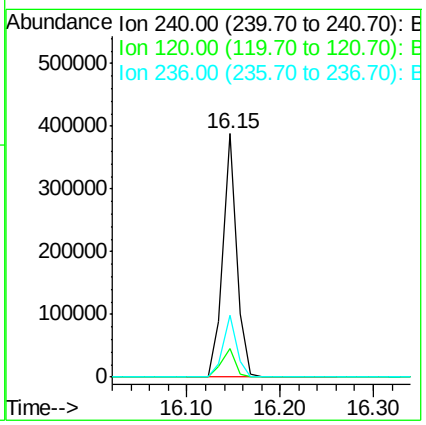


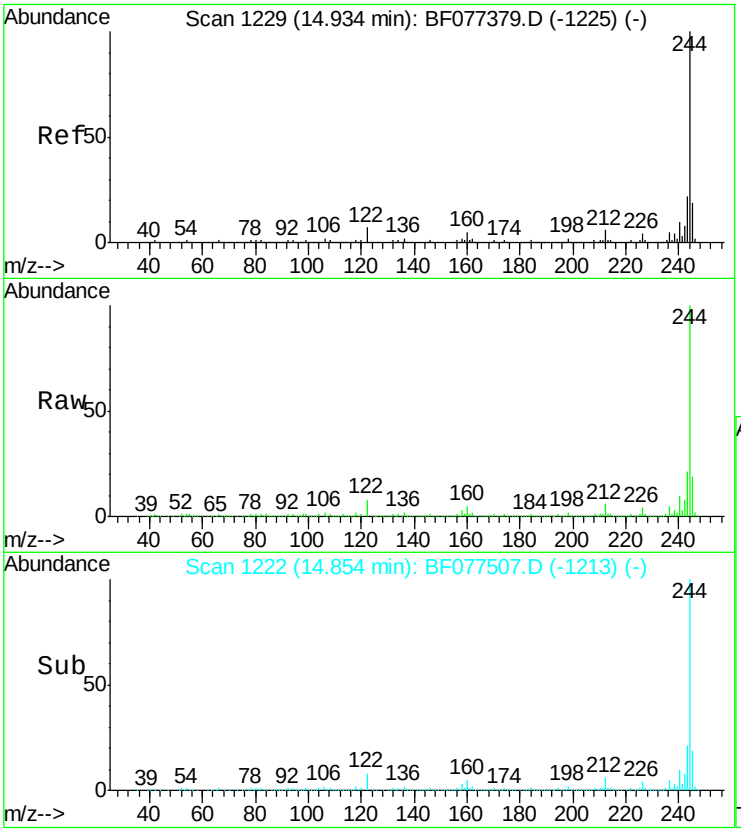


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.15 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion:240 Resp: 402034

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.8	13.2
236	25.6	20.7	31.1



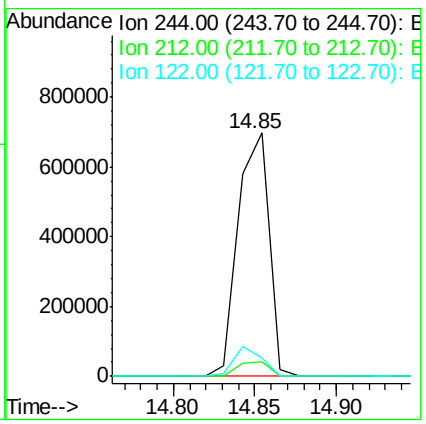


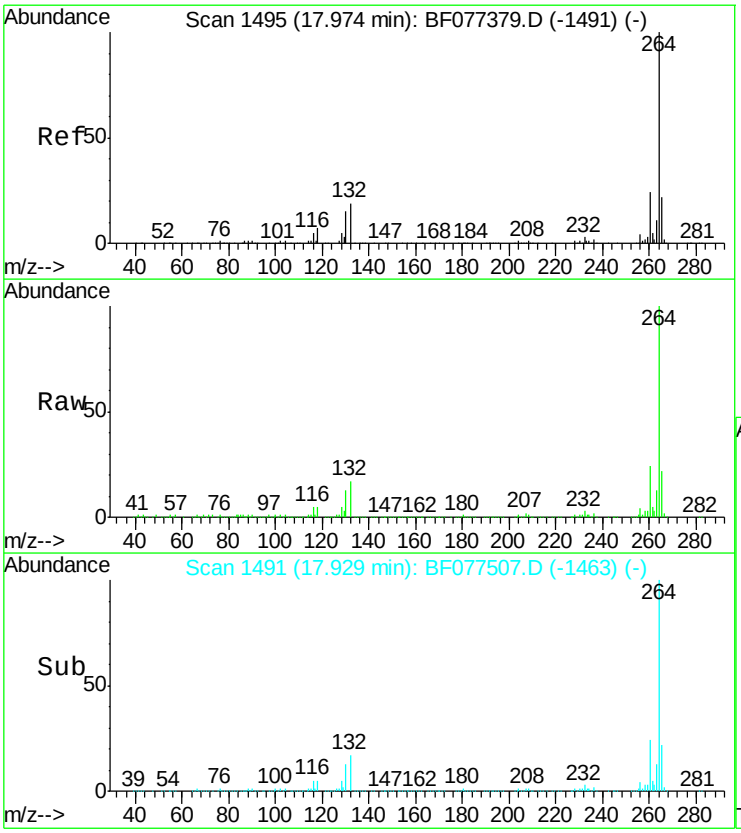
#78
Terphenyl-d14
Concen: 53.08 ng
RT: 14.85 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:244 Resp: 912792

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.2	7.8
122	7.7	7.8	11.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.93 min Scan# 1491
Delta R.T. 0.02 min
Lab File: BF077507.D
Acq: 27 Feb 2015 15:32

Tgt Ion:264 Resp: 394277

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.8	16.8	25.2