Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF021815\
Data File : BF077357.D
Acq On : 18 Feb 2015 17:38
Operator : TP/IZ
Sample : G1233-06
Misc : S
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA1(9.5-10)

Quant Time: Feb 19 03:11:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	51859	20.00	ng		-0.02
21) Naphthalene-d8	8.93	136	217883	20.00	ng		-0.02
38) Acenaphthene-d10	11.12	164	110534	20.00	ng		-0.02
63) Phenanthrene-d10	12.96	188	200215	20.00	ng		-0.02
75) Chrysene-d12	16.20	240	2899	20.00	ng		-0.07
86) Perylene-d12	18.12	264	89914	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	225977	74.47	ng		-0.02
7) Phenol-d6	6.90	99	301109	75.96	ng		-0.02
23) Nitrobenzene-d5	8.04	82	166477	52.91	ng		-0.02
41) 2,4,6-Tribromophenol	12.09	330	80310	78.51	ng		-0.02
44) 2-Fluorobiphenyl	10.28	172	398792	54.39	ng		-0.02
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
10) Phenol	6.91	94	9316	2.02	ng		97
15) Benzyl Alcohol	7.54	79	6542	2.18	ng	#	54
26) 2-Nitrophenol	8.41	139	251	2.83	ng	#	1
35) Caprolactam	9.49	113	2282	2.67	ng	#	1
49) Dimethylphthalate	10.78	163	31674	4.16	ng	#	96
50) 2,6-Dinitrotoluene	10.88	165	2492	3.44	ng	#	22
55) 4-Nitrophenol	11.25	139	1852	2.23	ng	#	1
56) 2,4-Dinitrotoluene	11.37	165	3622	4.91	ng	#	68
62) Azobenzene	12.01	77	34850	4.44	ng	#	1
64) 4,6-Dinitro-2-methylphenol	11.83	198	389	7.38	ng	#	1
65) n-Nitrosodiphenylamine	11.95	169	54483	8.34	ng		87
68) Atrazine	12.63	200	4538	2.32	ng	#	1
70) Phenanthrene	12.99	178	61893	5.32	ng	#	83
76) Benzidine	14.63	184	1580	17.74	ng	#	1
77) Pyrene	14.66	202	3346	18.67	ng	#	1
79) Butylbenzylphthalate	15.55	149	9949	137.66	ng	#	57
80) Benzo(a)anthracene	16.15	228	1523	9.02	ng	#	1
81) 3,3'-Dichlorobenzidine	16.21	252	4176	74.89	ng	#	1
84) Di-n-octyl phthalate	17.06	149	50810	257.35	ng	#	1
85) Indeno(1,2,3-cd)pyrene	19.46	276	1220	6.69	ng	#	1
87) Benzo(b)fluoranthene	17.64	252	12405	2.15	ng	#	1
88) Benzo(k)fluoranthene	17.64	252	10434	2.19	ng	#	1
91) Benzo(g,h,i)perylene	20.10	276	12579	2.47	ng	#	1

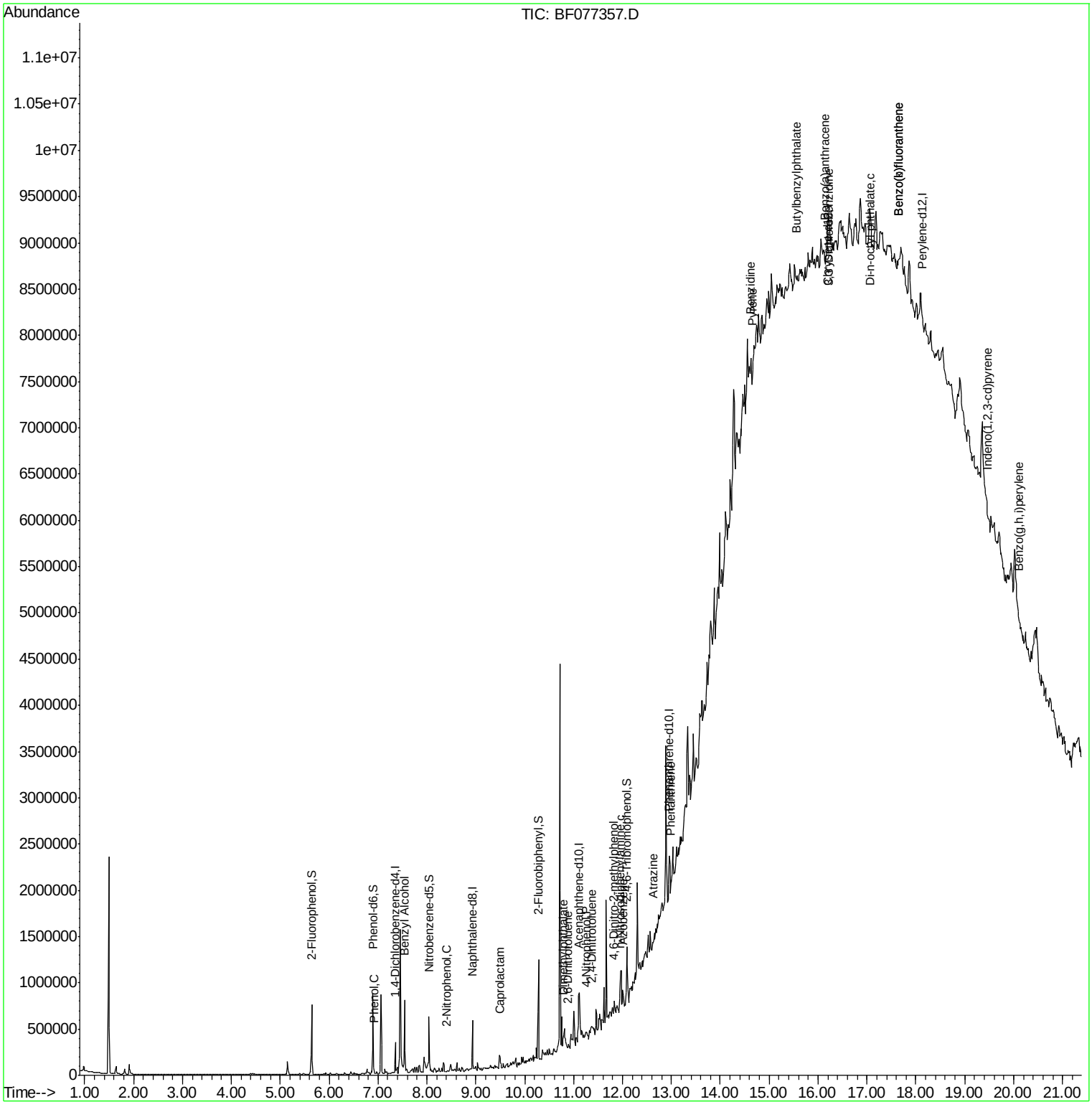
(#) = qualifier out of range (m) = manual integration (+) = signals summed

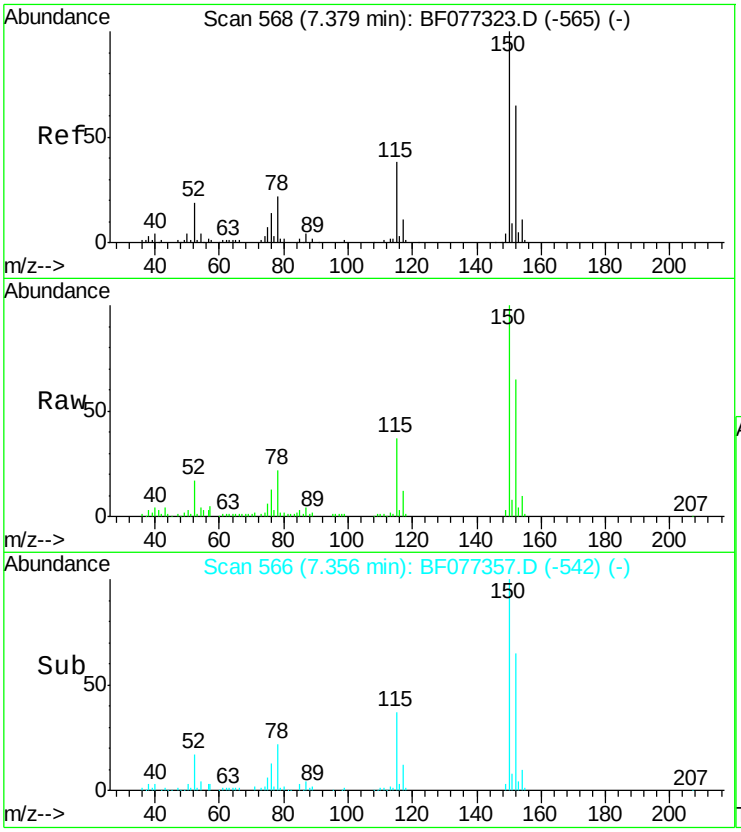
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF021815\
Data File : BF077357.D
Acq On : 18 Feb 2015 17:38
Operator : TP/IZ
Sample : G1233-06
Misc : S
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Quant Time: Feb 19 03:11:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration



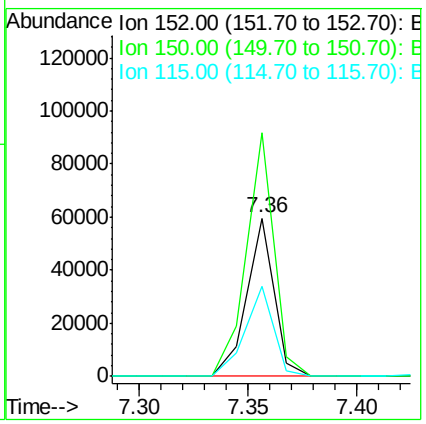


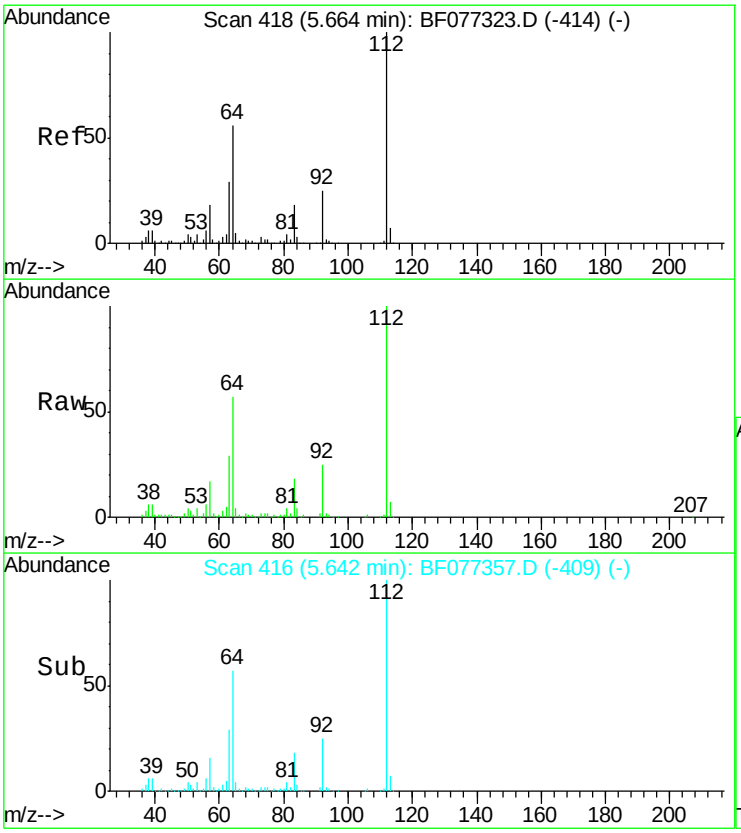
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:152 Resp: 51859

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.1	184.7
115	56.7	46.2	69.4

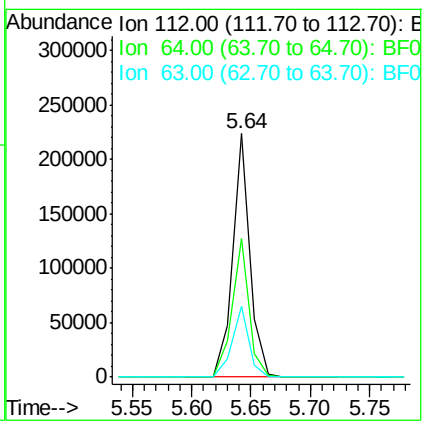


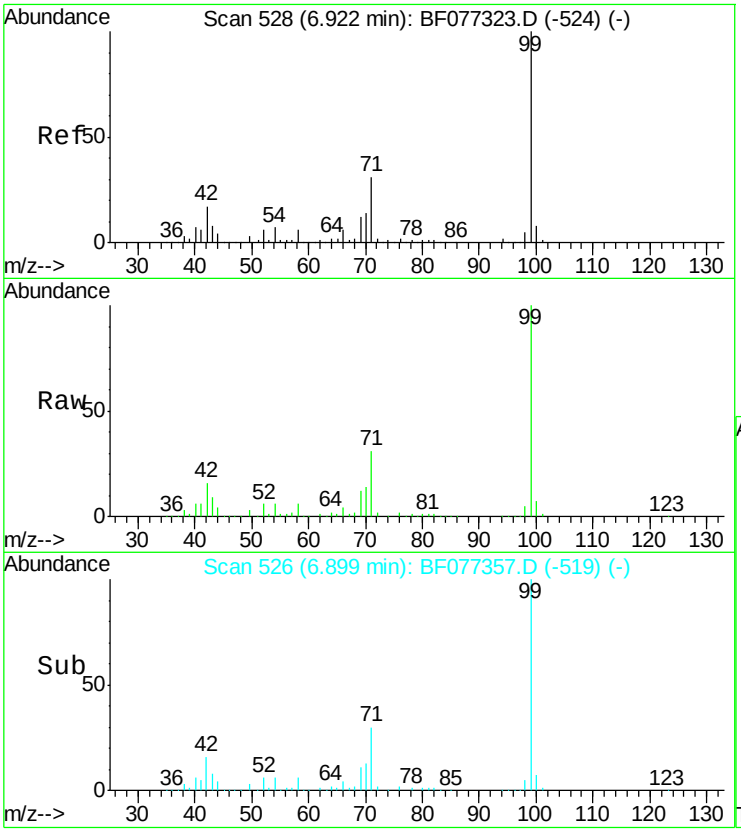


#5
2-Fluorophenol
Concen: 74.47 ng
RT: 5.64 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:112 Resp: 225977

Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.7	67.1
63	28.9	23.3	34.9



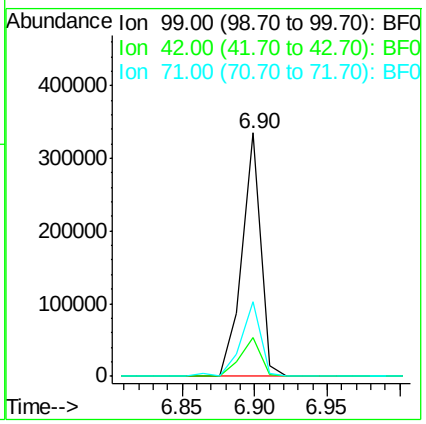


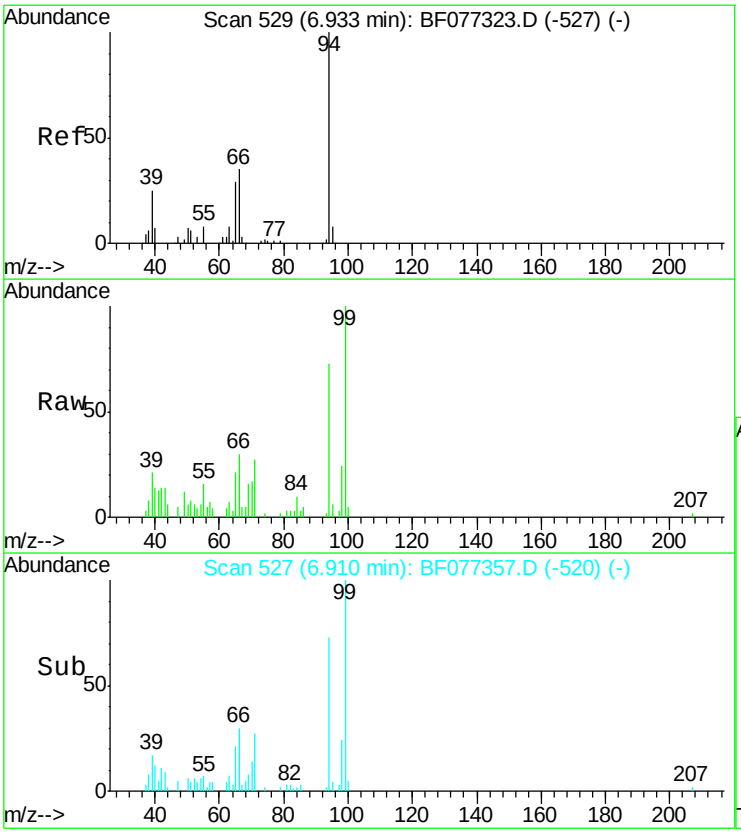
#7
Phenol-d6
Concen: 75.96 ng
RT: 6.90 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion: 99 Resp: 301109

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.6
71	30.5	24.6	37.0

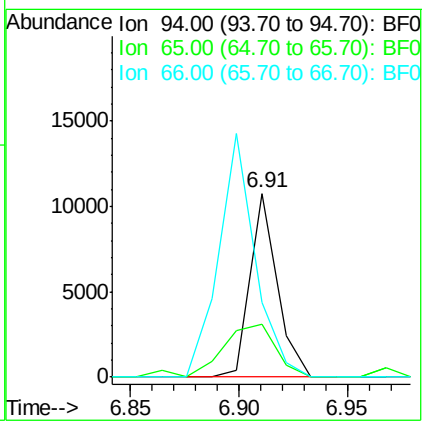


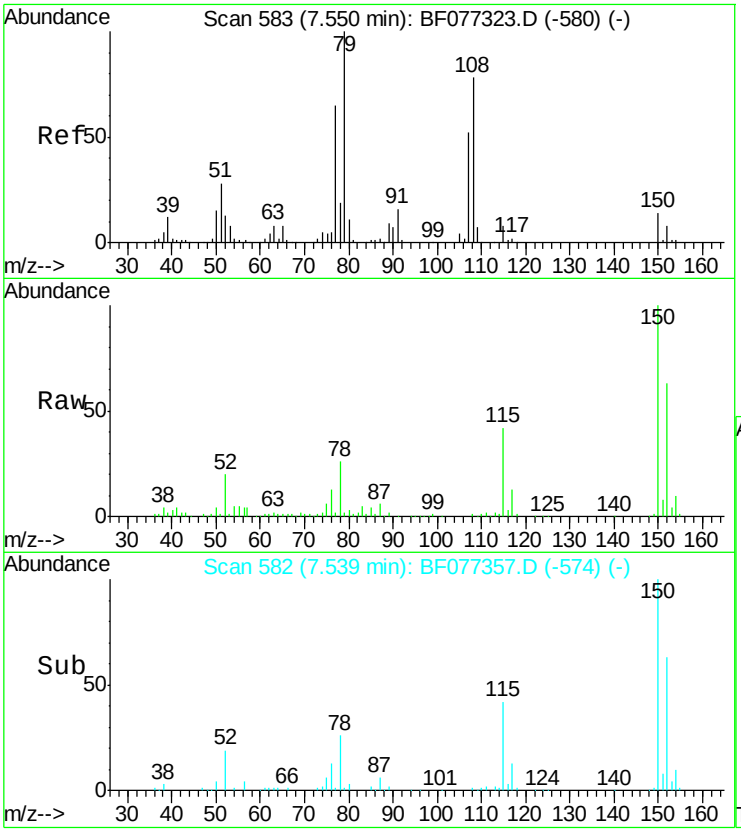


#10
Phenol
Concen: 2.02 ng
RT: 6.91 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion: 94 Resp: 9316

Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.3	49.3
66	40.7	18.3	58.3



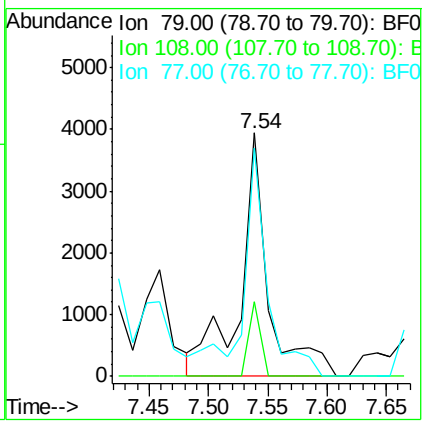


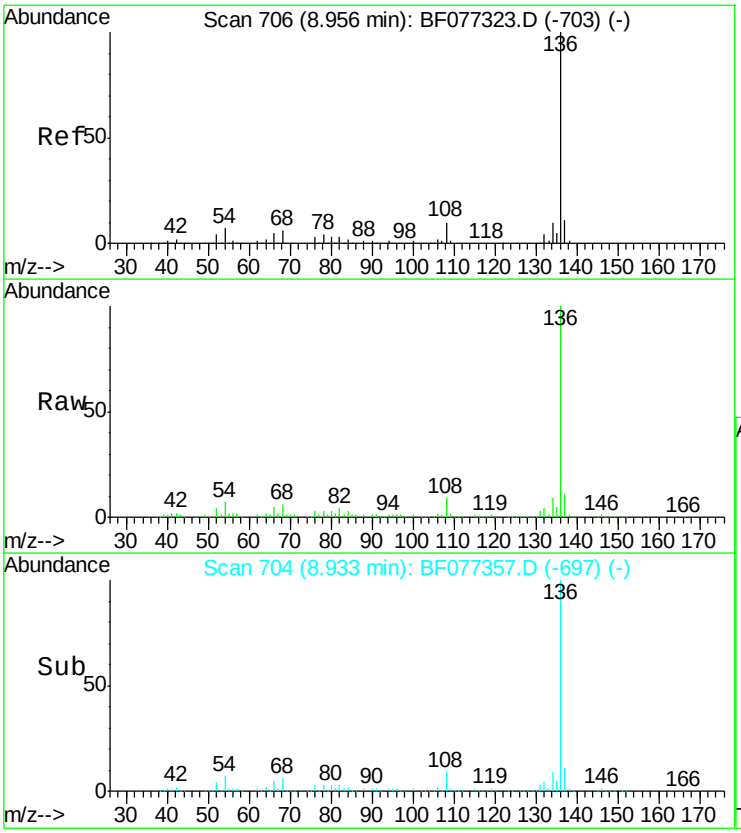
#15
Benzyl Alcohol
Concen: 2.18 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion: 79 Resp: 6542

Ion	Ratio	Lower	Upper
79	100		
108	30.9	62.0	93.0#
77	93.9	52.0	78.0#

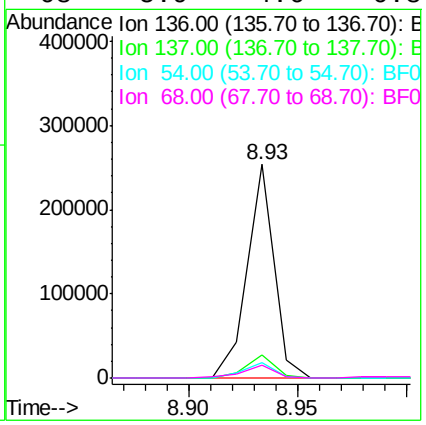


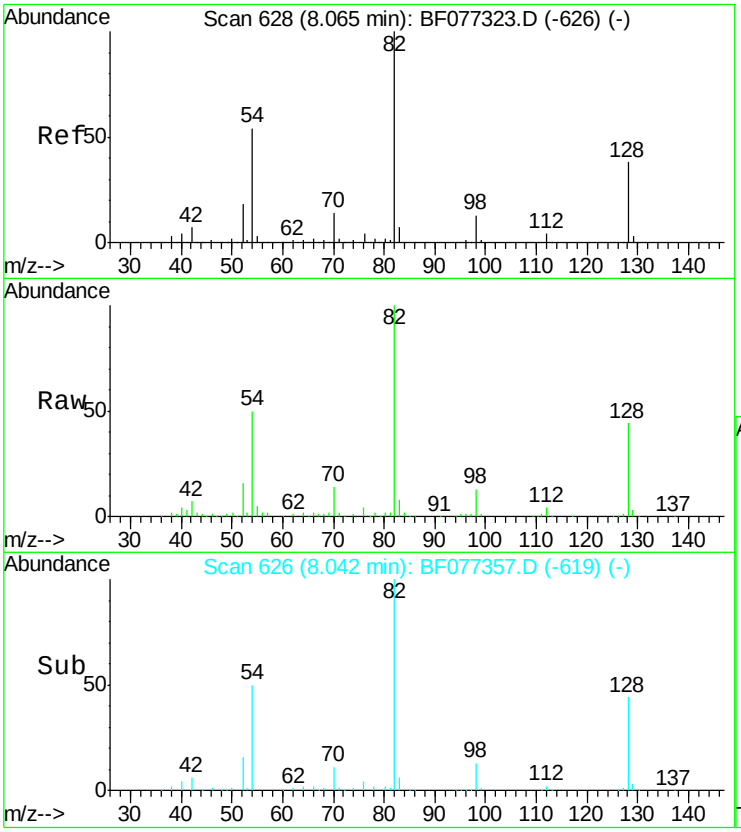


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:136 Resp: 217883

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.3	5.8	8.6
68	5.9	4.6	6.8



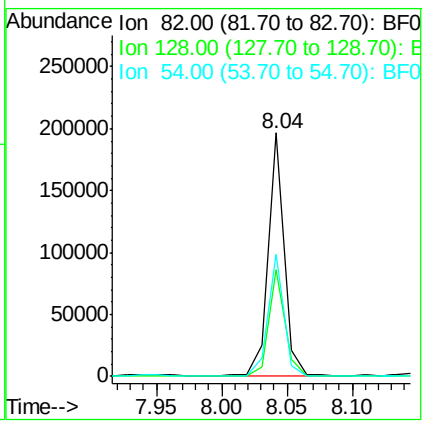


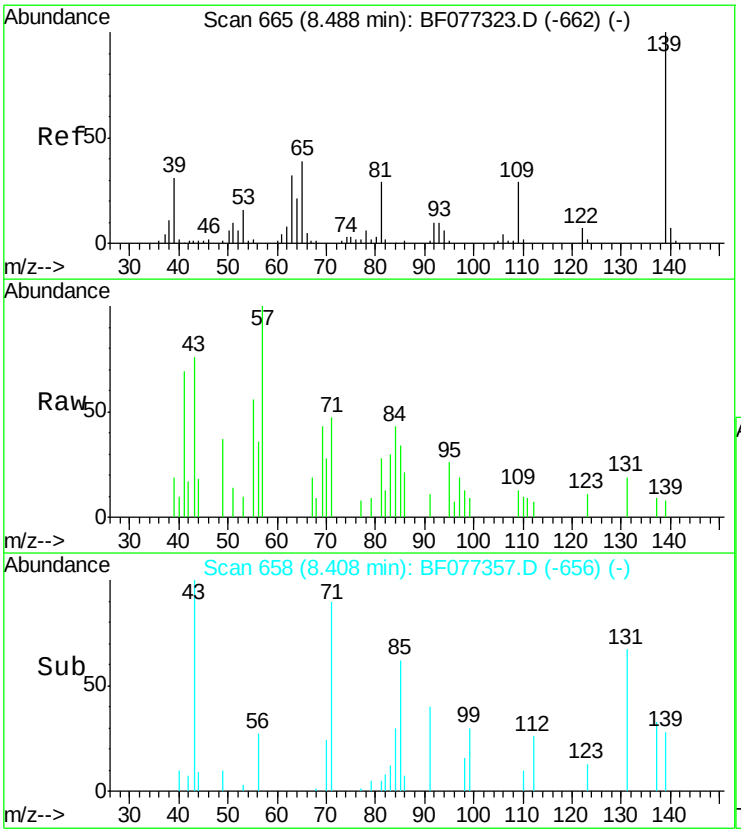
#23
Nitrobenzene-d5
Concen: 52.91 ng
RT: 8.04 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion: 82 Resp: 166477

Ion	Ratio	Lower	Upper
82	100		
128	43.9	30.7	46.1
54	50.1	43.1	64.7

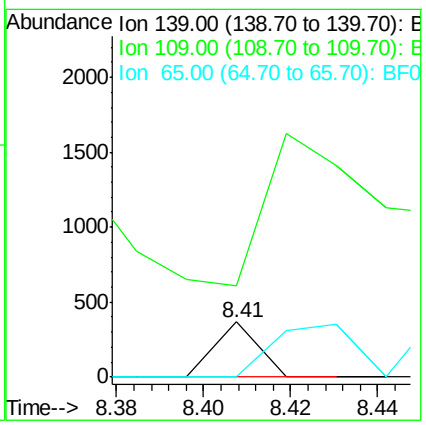


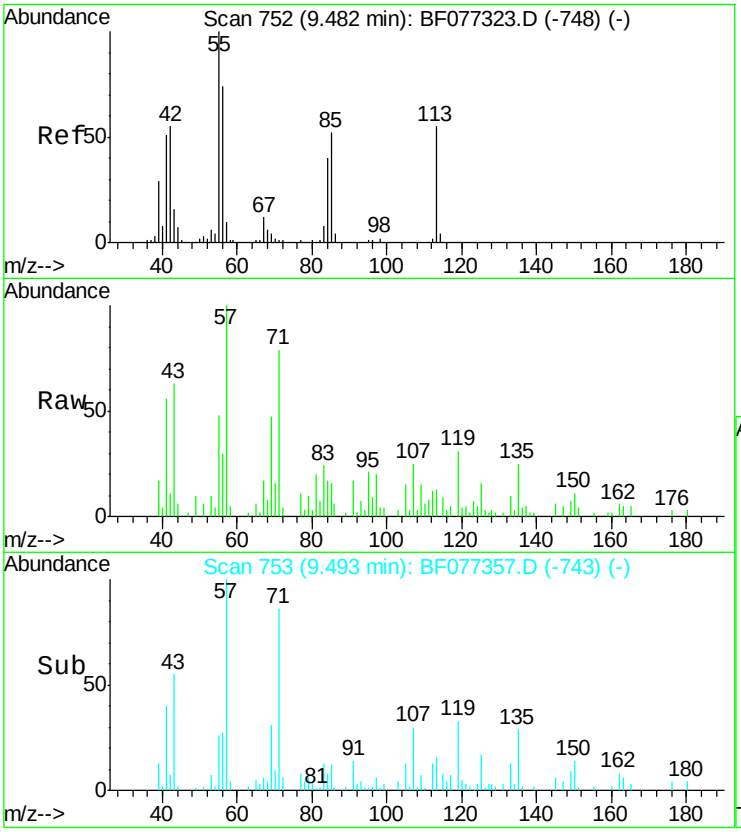


#26
2-Nitrophenol
Concen: 2.83 ng
RT: 8.41 min Scan# 658
Delta R.T. -0.08 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:139 Resp: 251

Ion	Ratio	Lower	Upper
139	100		
109	166.4	22.9	34.3#
65	0.0	31.4	47.2#



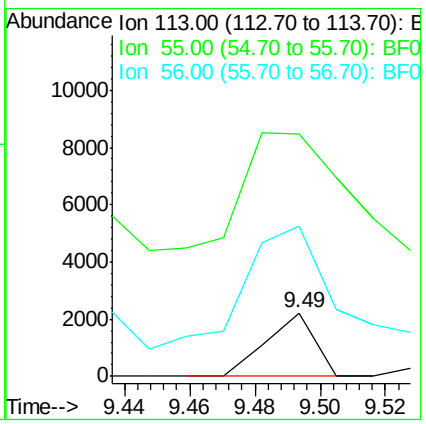


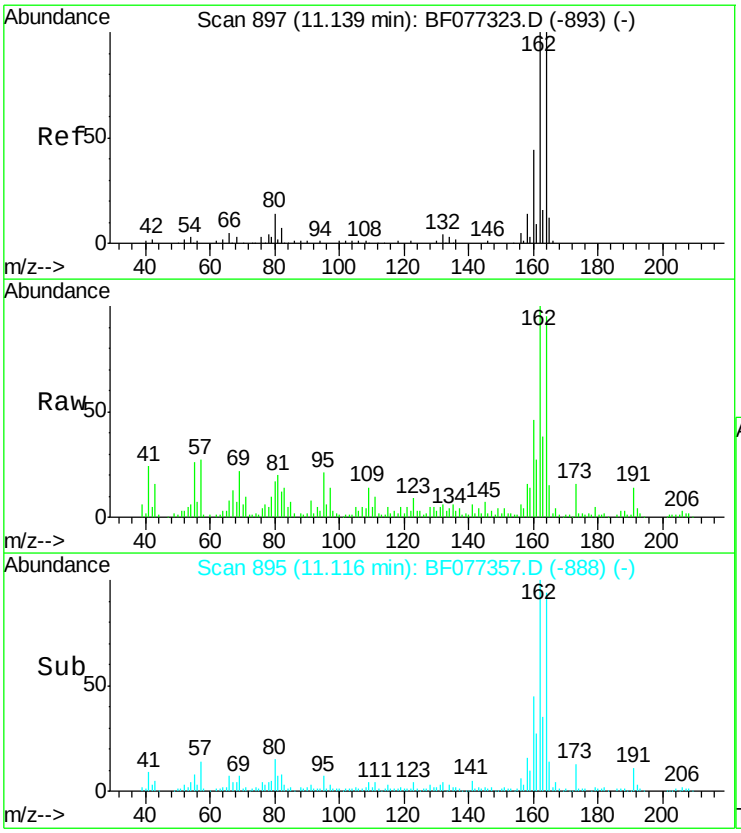
#35
Caprolactam
Concen: 2.67 ng
RT: 9.49 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:113 Resp: 2282

Ion	Ratio	Lower	Upper
113	100		
55	379.4	163.0	203.0#
56	235.1	115.6	155.6#

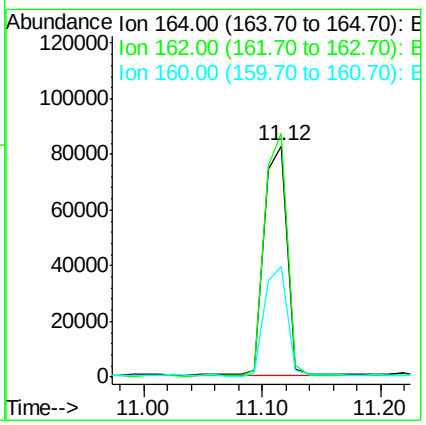


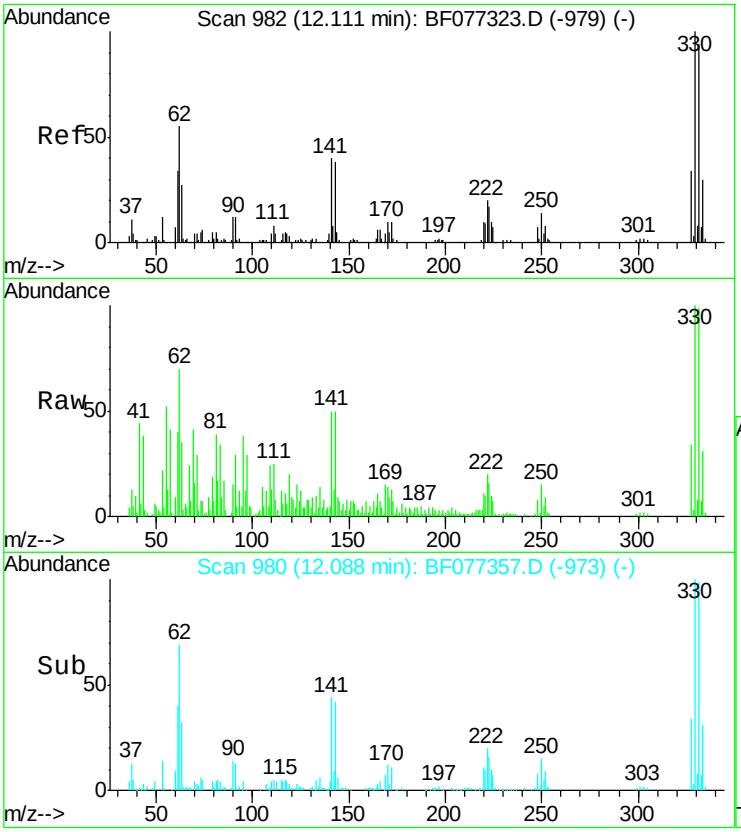


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:164 Resp: 110534

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.4	120.6
160	48.1	35.3	52.9



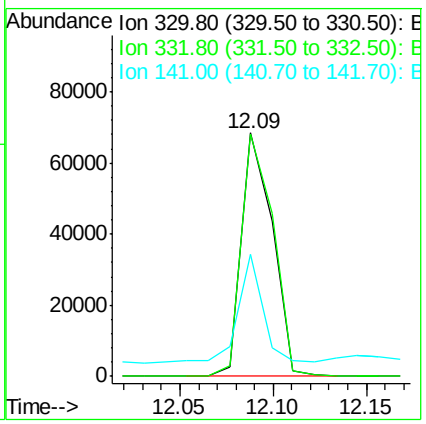


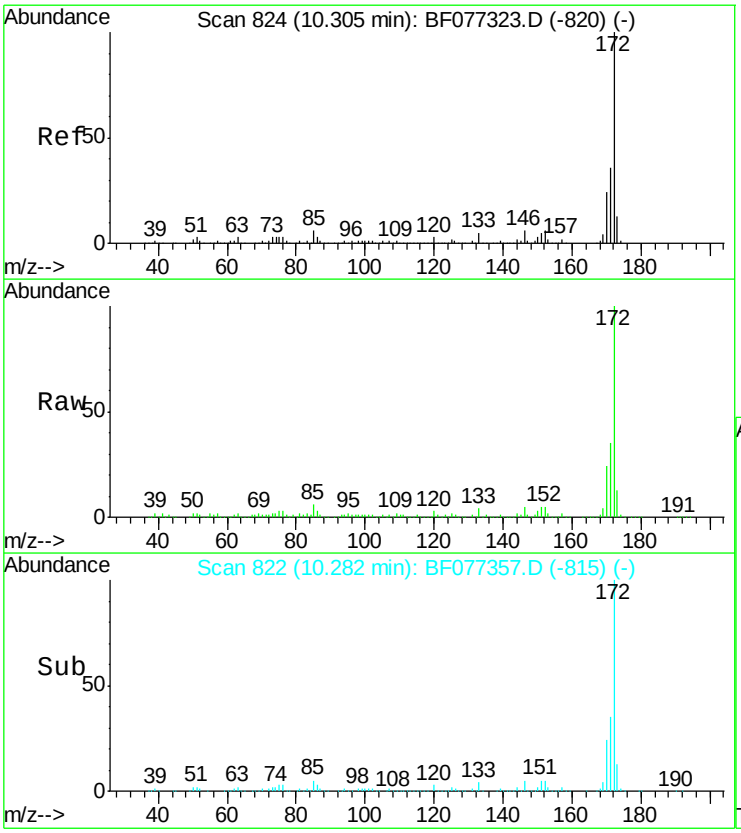
#41
2,4,6-Tribromophenol
Concen: 78.51 ng
RT: 12.09 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:330 Resp: 80310

Ion	Ratio	Lower	Upper
330	100		
332	101.4	76.1	114.1
141	37.2	28.5	42.7

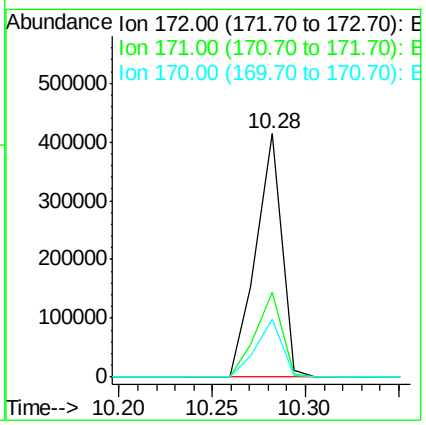


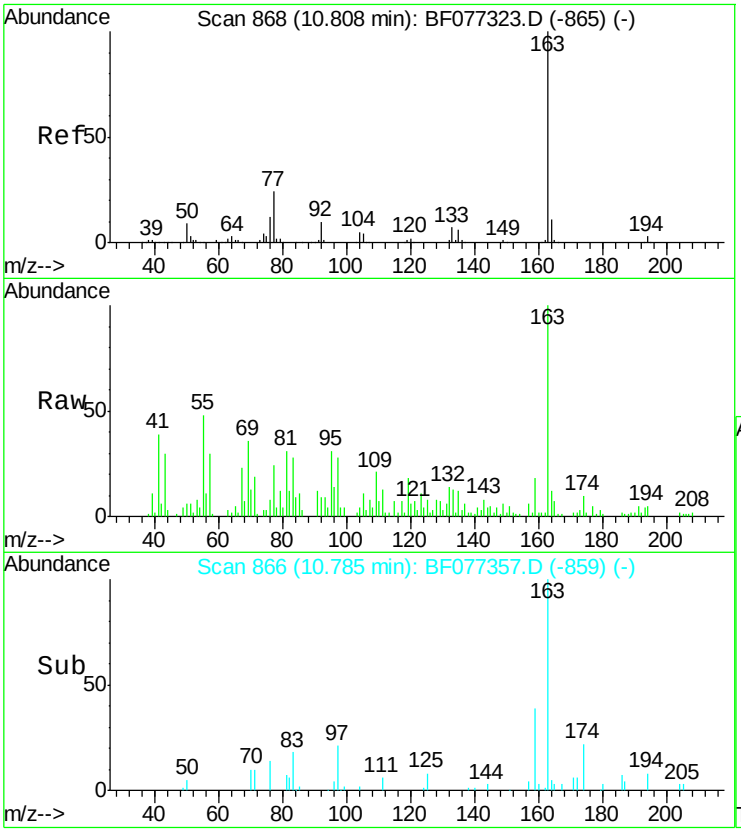


#44
2-Fluorobiphenyl
Concen: 54.39 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:172 Resp: 398792

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.7	19.4	29.2



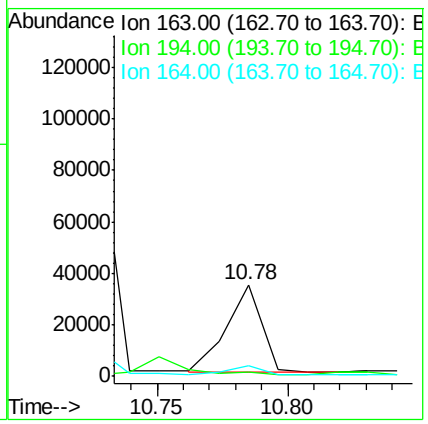


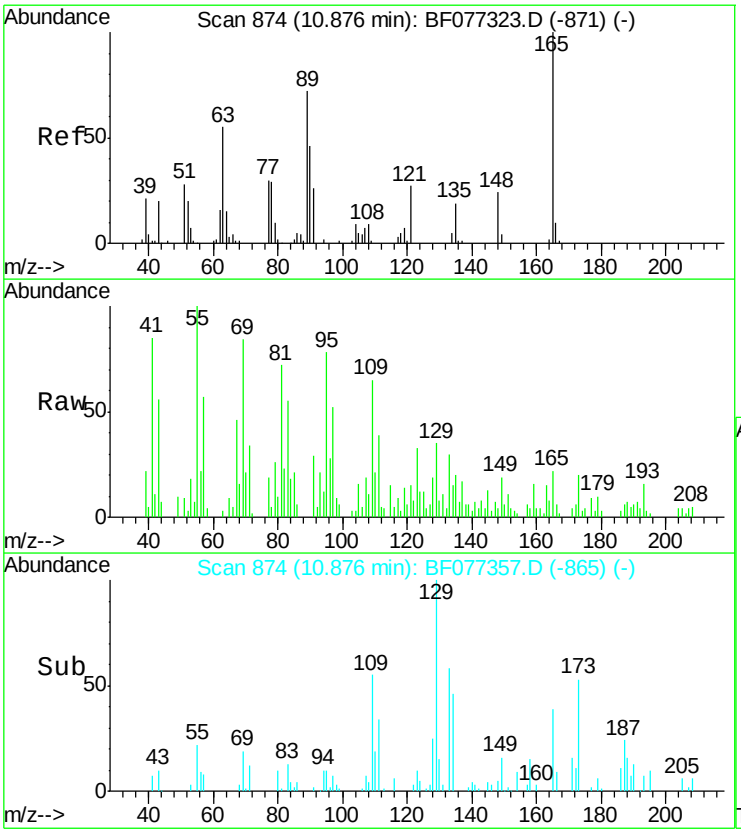
#49
Dimethylphthalate
Concen: 4.16 ng
RT: 10.78 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:163 Resp: 31674

Ion	Ratio	Lower	Upper
163	100		
194	5.1	2.6	3.8#
164	11.6	8.4	12.6

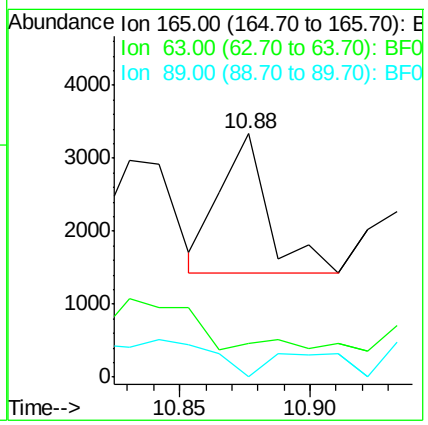


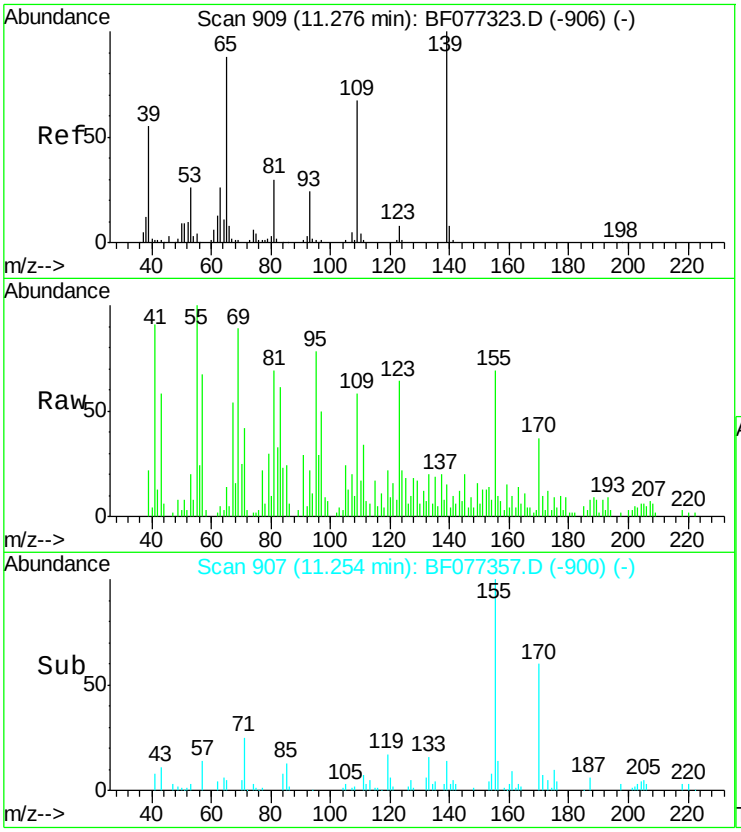


#50
2,6-Dinitrotoluene
Concen: 3.44 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:165 Resp: 2492

Ion	Ratio	Lower	Upper
165	100		
63	13.8	57.2	85.8#
89	0.0	57.8	86.6#



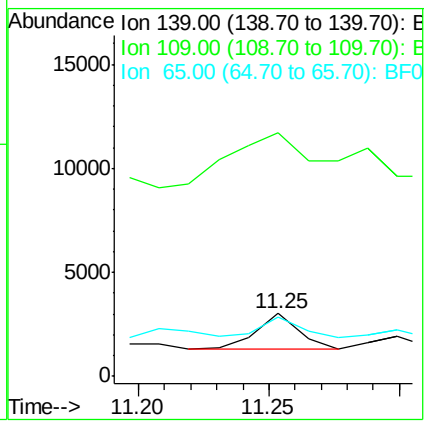


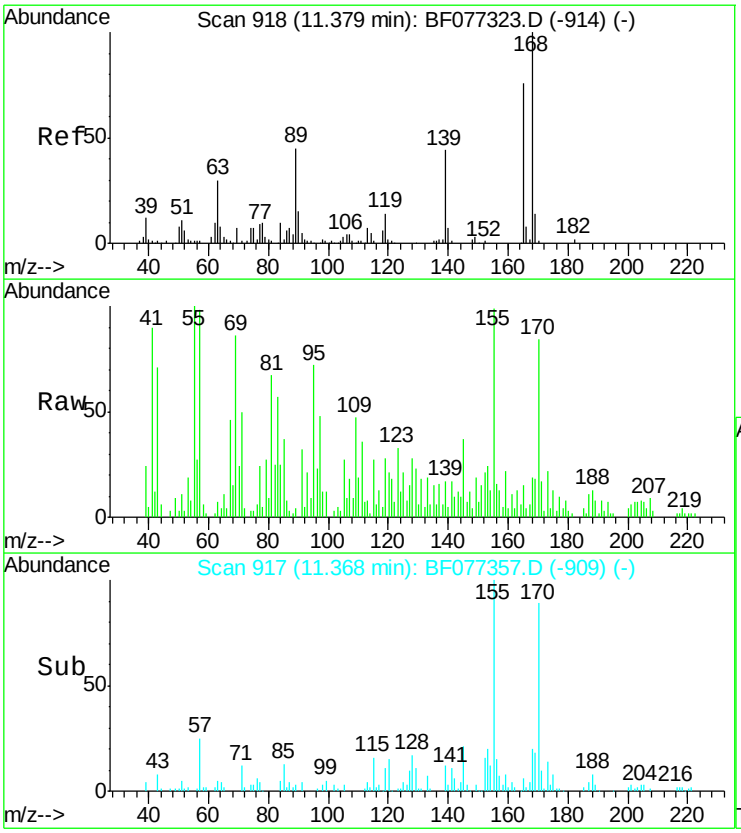
#55
4-Nitrophenol
Concen: 2.23 ng
RT: 11.25 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:139 Resp: 1852

Ion	Ratio	Lower	Upper
139	100		
109	386.7	47.5	87.5#
65	94.6	67.8	107.8

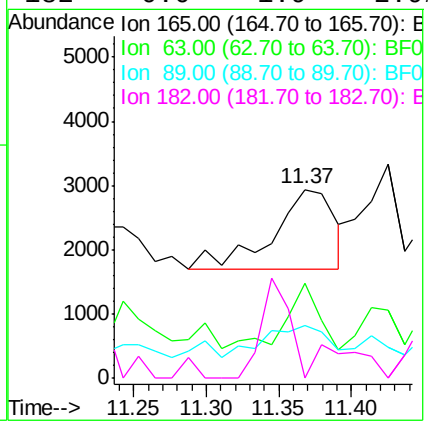


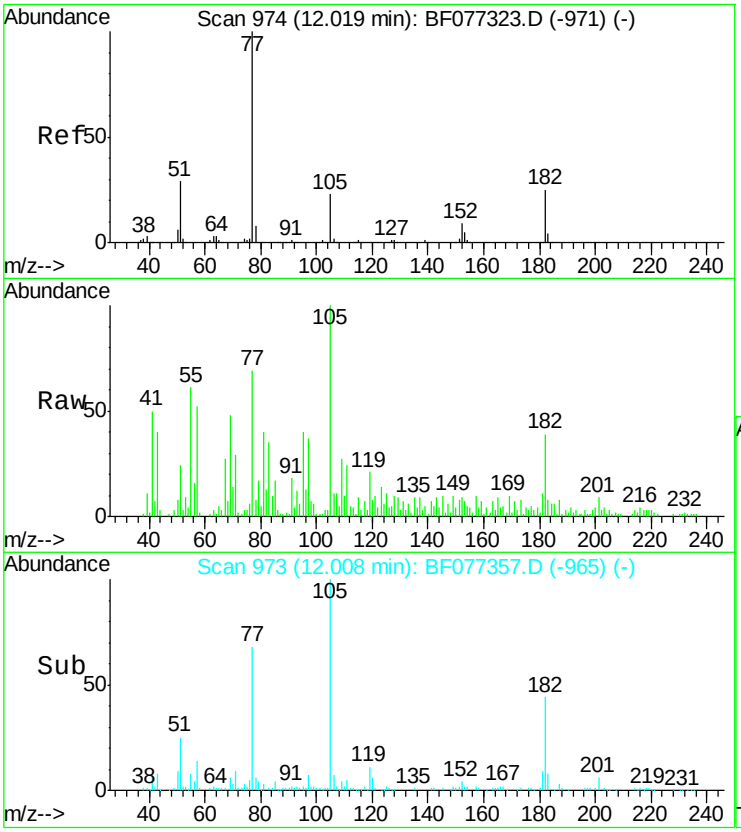


#56
2,4-Dinitrotoluene
Concen: 4.91 ng
RT: 11.37 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:165 Resp: 3622

Ion	Ratio	Lower	Upper
165	100		
63	50.3	31.6	47.4#
89	27.8	48.1	72.1#
182	0.0	1.9	2.9#



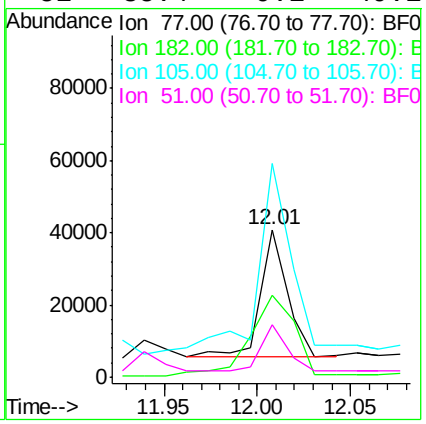


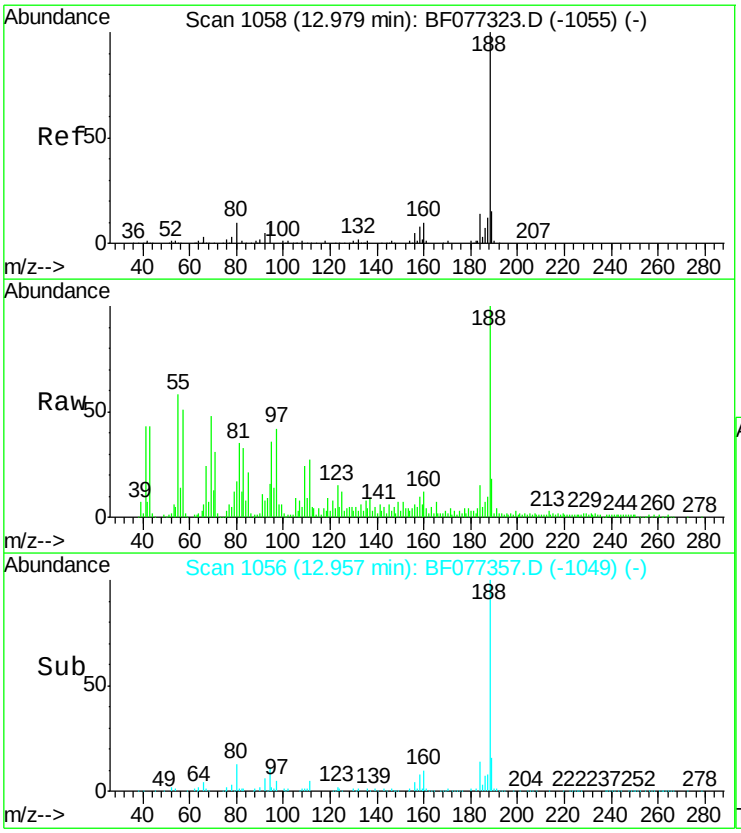
#62
Azobenzene
Concen: 4.44 ng
RT: 12.01 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion: 77 Resp: 34850

Ion	Ratio	Lower	Upper
77	100		
182	55.9	5.0	45.0#
105	144.9	3.3	43.3#
51	35.4	9.1	49.1

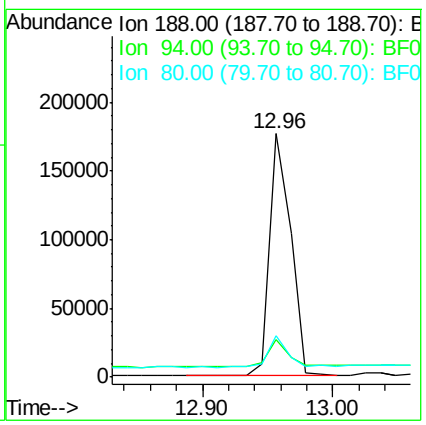


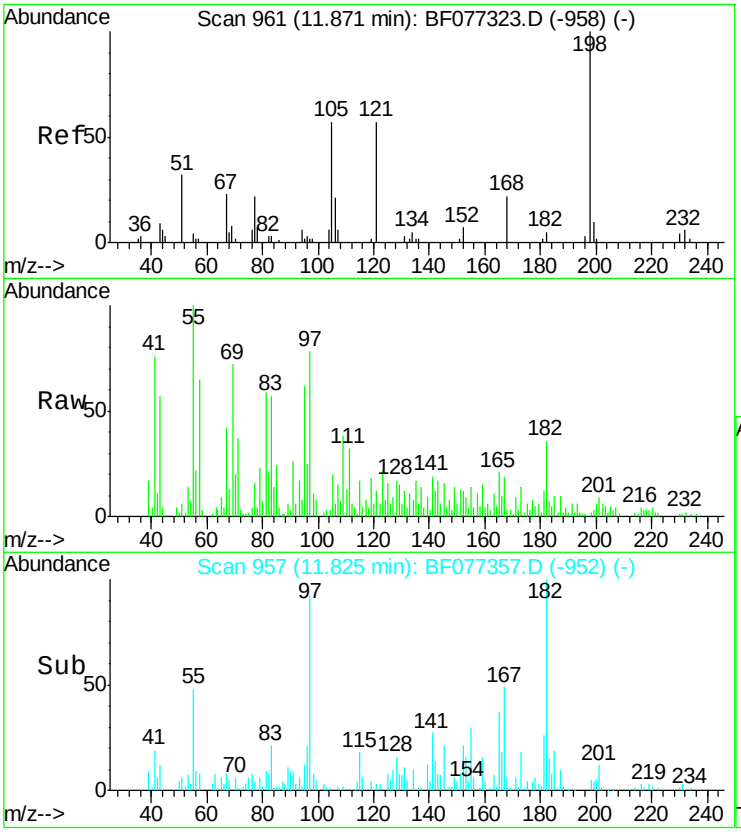


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:188 Resp: 200215

Ion	Ratio	Lower	Upper
188	100		
94	15.6	7.2	10.8#
80	16.8	7.8	11.8#



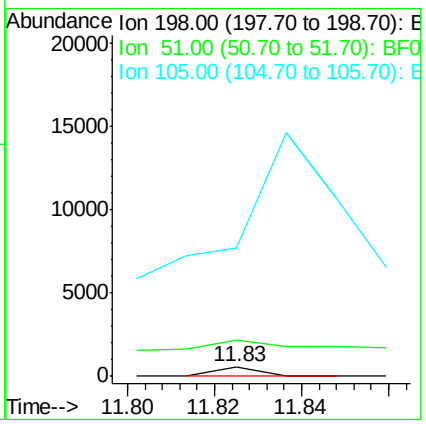


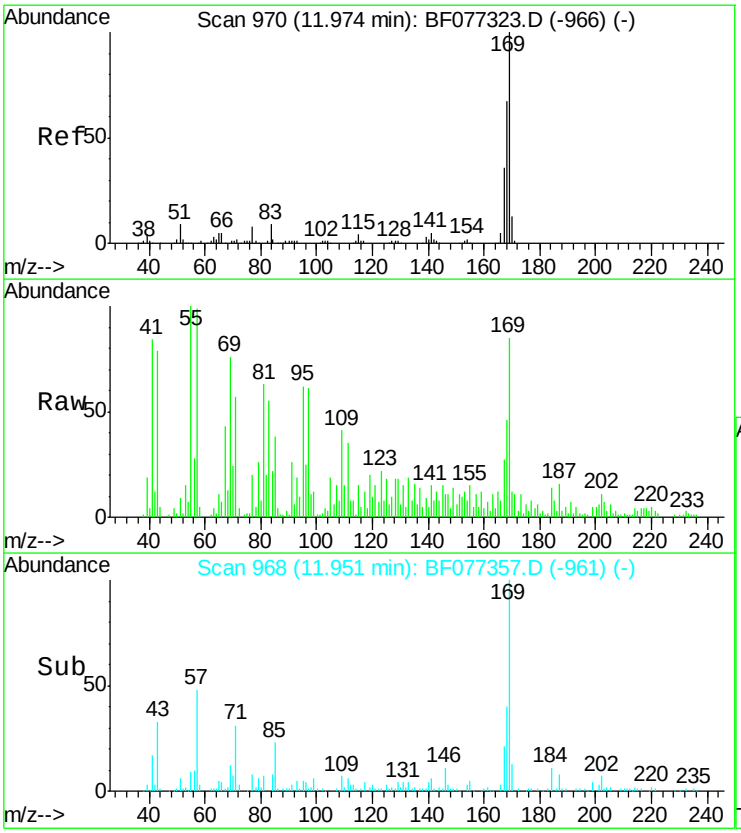
#64
4,6-Dinitro-2-methylphenol
Concen: 7.38 ng
RT: 11.83 min Scan# 957
Delta R.T. -0.05 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:198 Resp: 389

Ion	Ratio	Lower	Upper
198	100		
51	386.1	54.6	94.6#
105	1352.8	45.4	85.4#

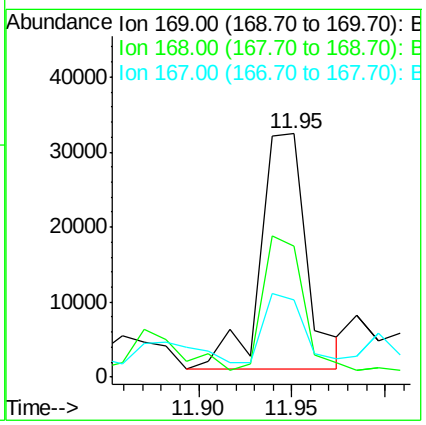


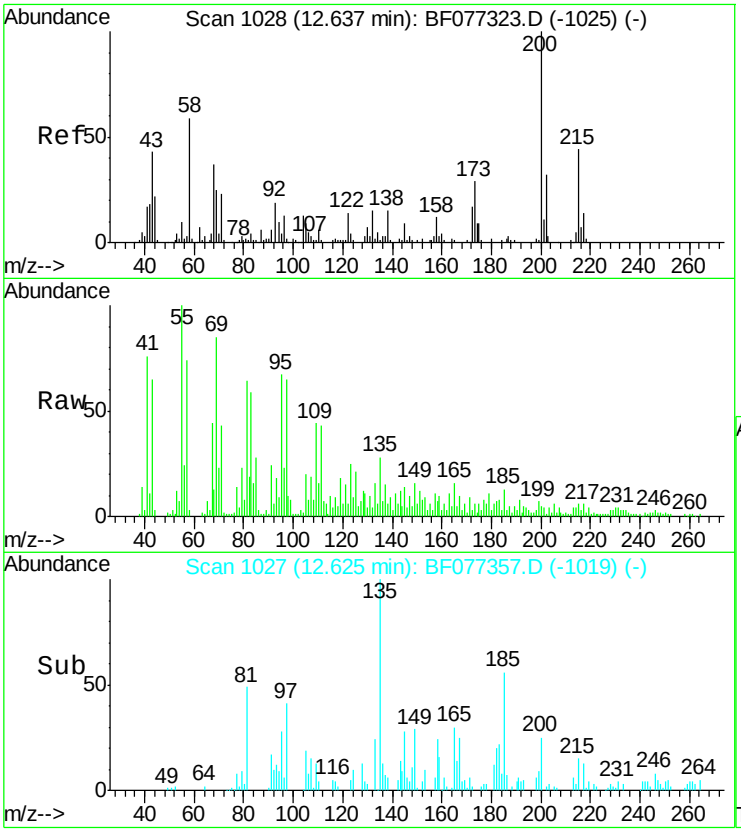


#65
n-Nitrosodiphenylamine
Concen: 8.34 ng
RT: 11.95 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:169 Resp: 54483

Ion	Ratio	Lower	Upper
169	100		
168	53.9	53.4	80.0
167	31.8	29.1	43.7



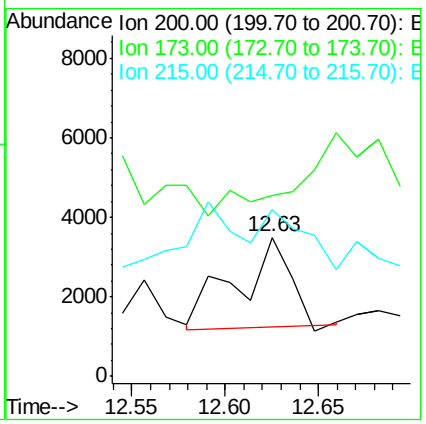


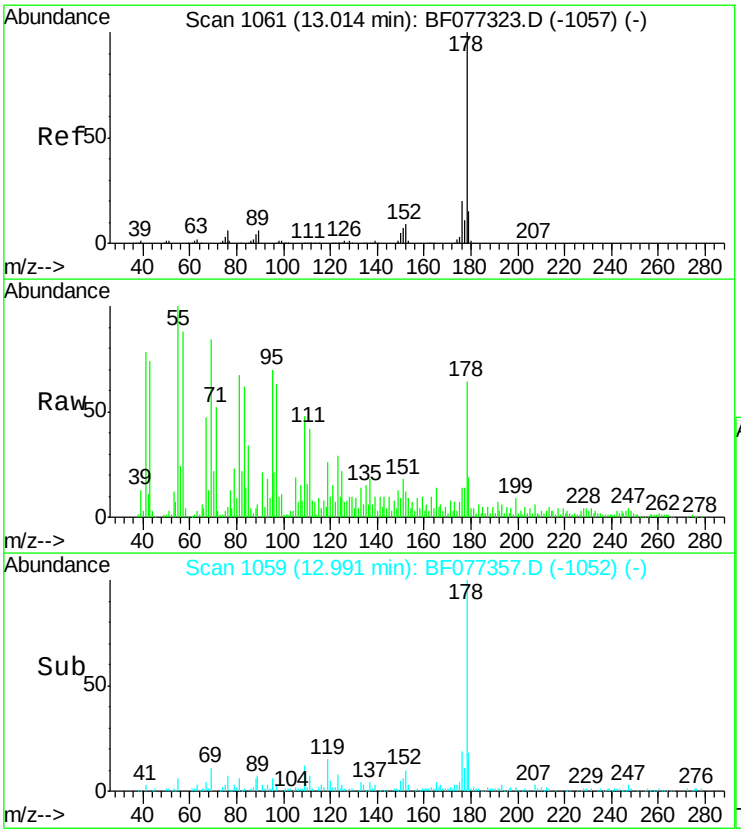
#68
Atrazine
Concen: 2.32 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:200 Resp: 4538

Ion	Ratio	Lower	Upper
200	100		
173	129.9	9.2	49.2#
215	120.3	23.8	63.8#

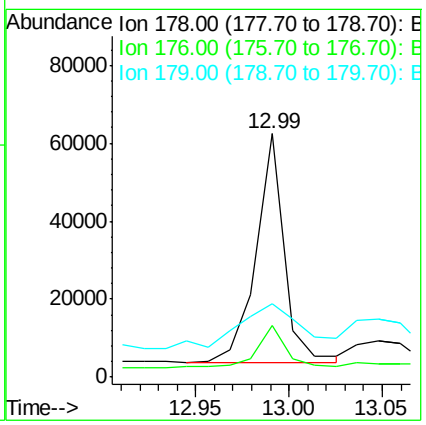


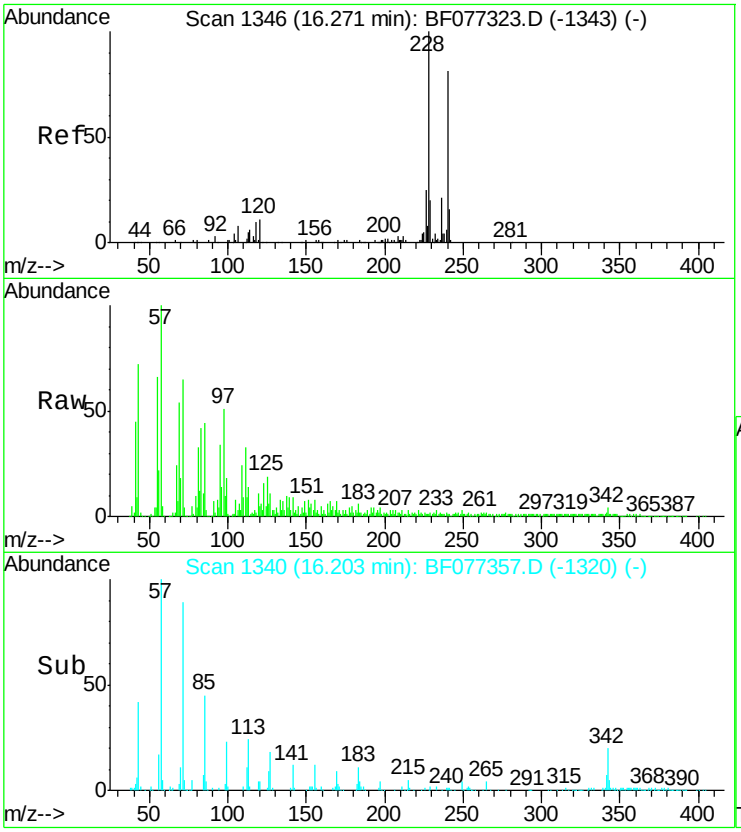


#70
Phenanthrene
Concen: 5.32 ng
RT: 12.99 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:178 Resp: 61893

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.6	23.4
179	29.9	12.3	18.5#



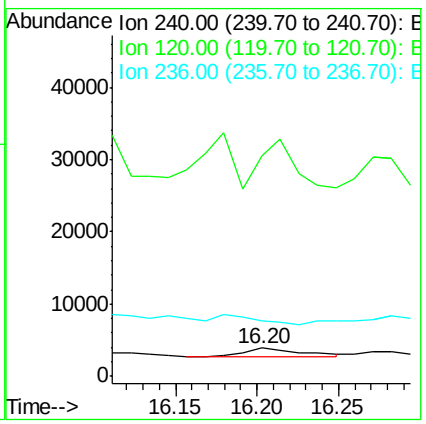


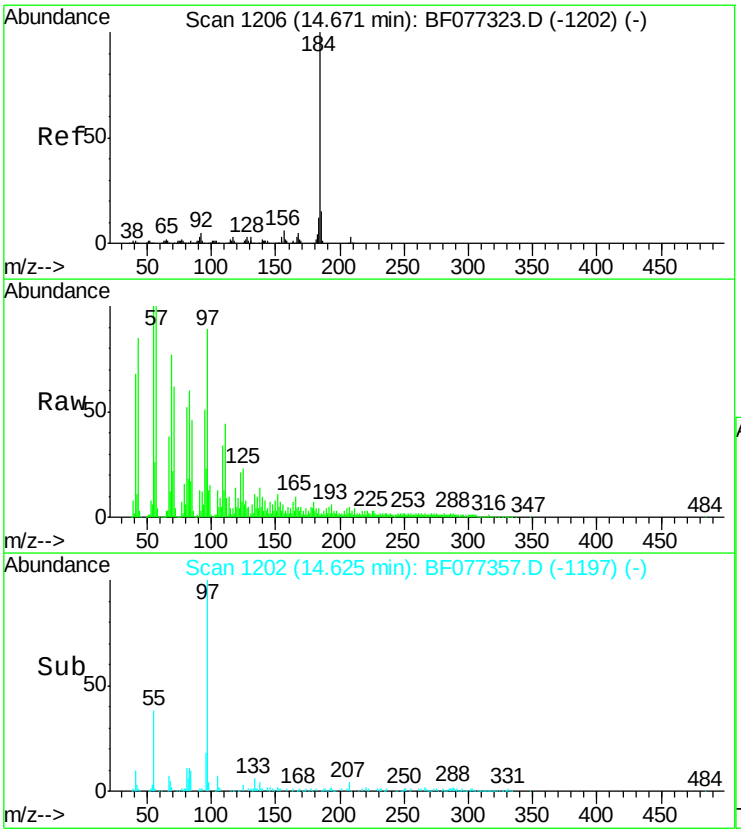
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 1340
Delta R.T. -0.07 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:240 Resp: 2899

Ion	Ratio	Lower	Upper
240	100		
120	779.7	11.3	16.9#
236	195.2	20.3	30.5#

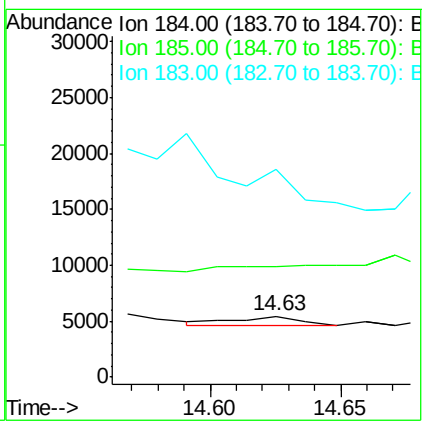


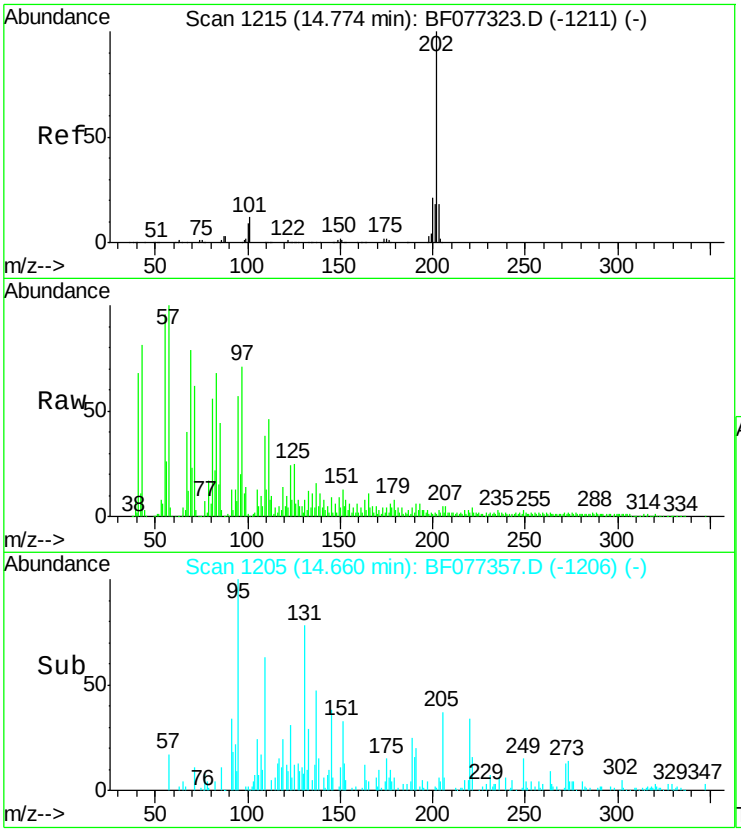


#76
Benzidine
Concen: 17.74 ng
RT: 14.63 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:184 Resp: 1580

Ion	Ratio	Lower	Upper
184	100		
185	181.0	12.3	18.5#
183	340.5	9.3	13.9#



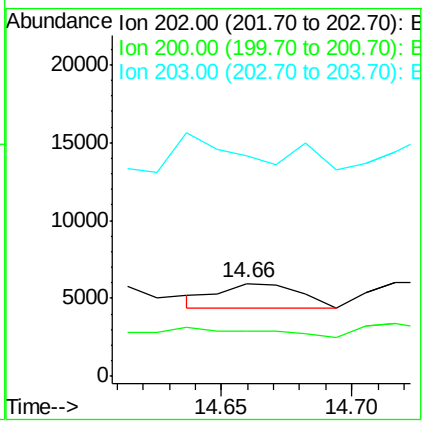


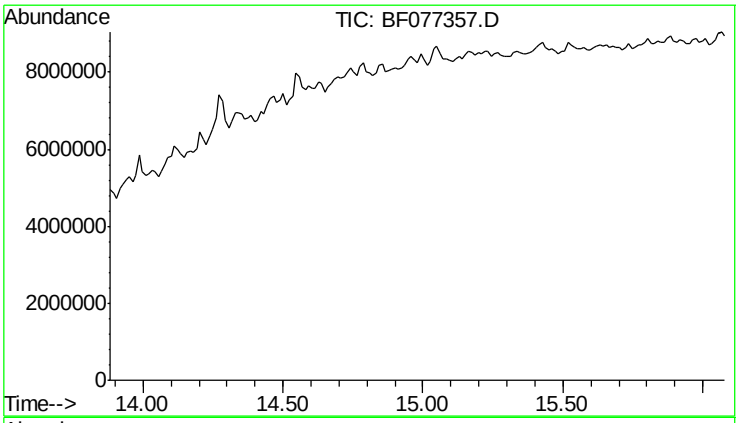
#77
Pyrene
Concen: 18.67 ng
RT: 14.66 min Scan# 1205
Delta R.T. -0.11 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:202 Resp: 3346

Ion	Ratio	Lower	Upper
202	100		
200	48.1	17.0	25.4#
203	237.1	14.2	21.4#



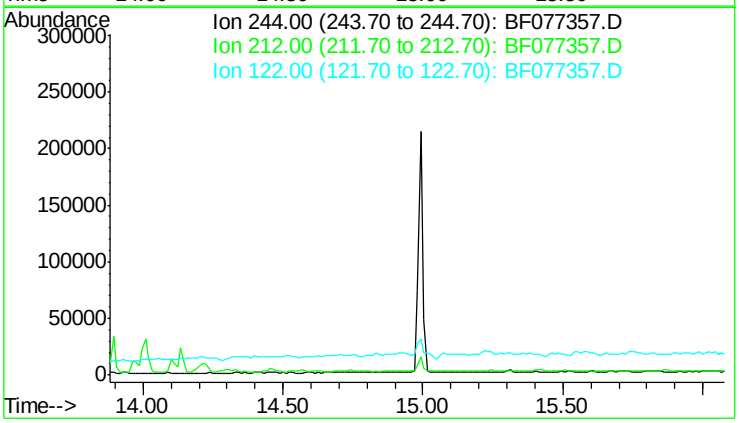


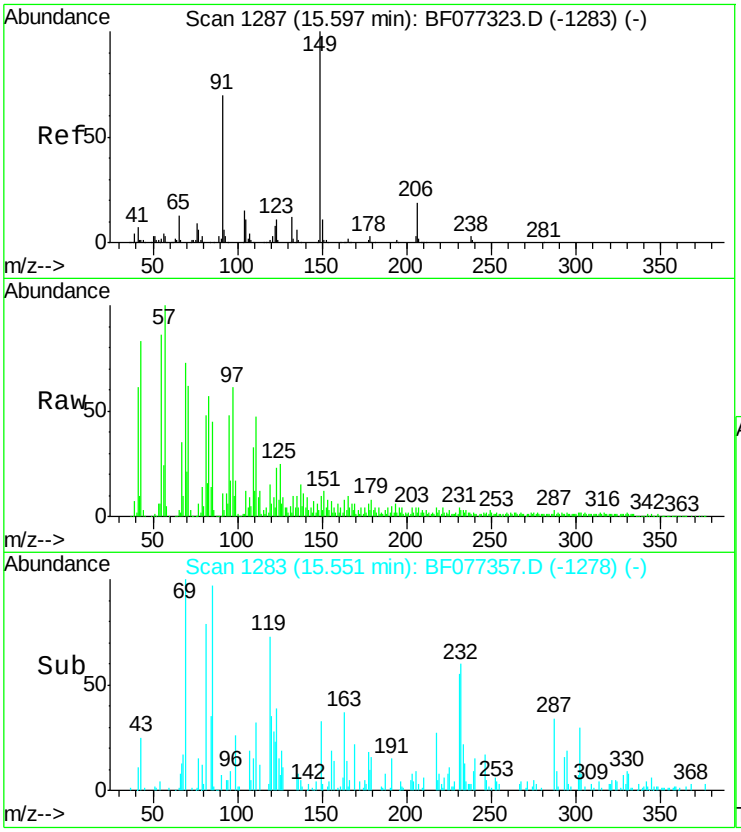
#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.98 min

Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.7
122	11.6



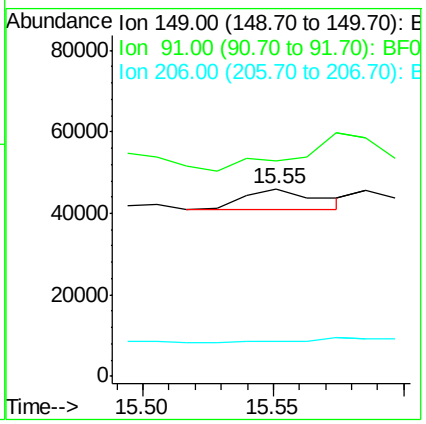


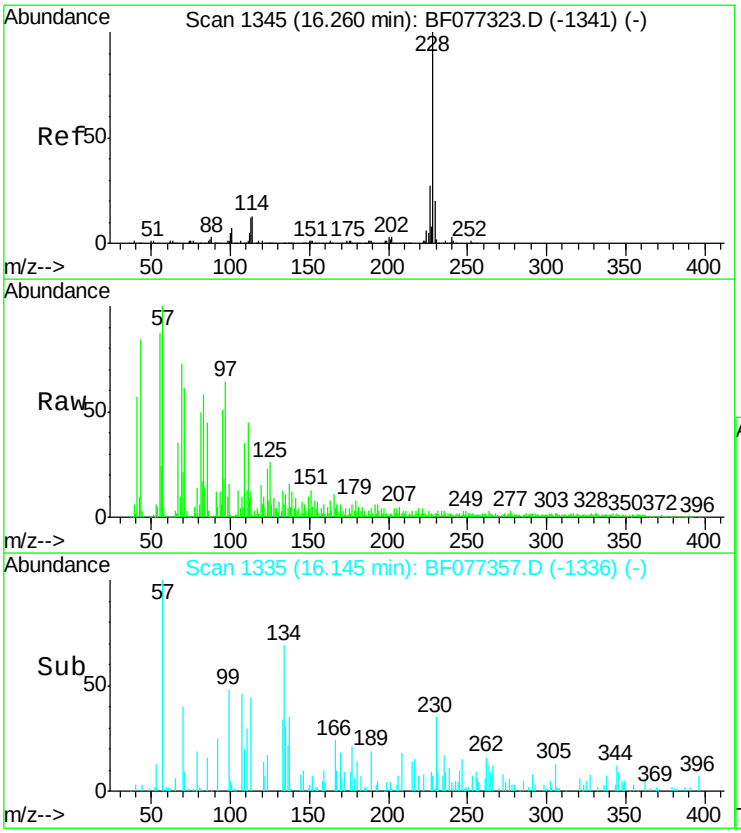
#79
Butylbenzylphthalate
Concen: 137.66 ng
RT: 15.55 min Scan# 1283
Delta R.T. -0.05 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:149 Resp: 9949

Ion	Ratio	Lower	Upper
149	100		
91	114.6	55.9	83.9#
206	18.6	15.4	23.0

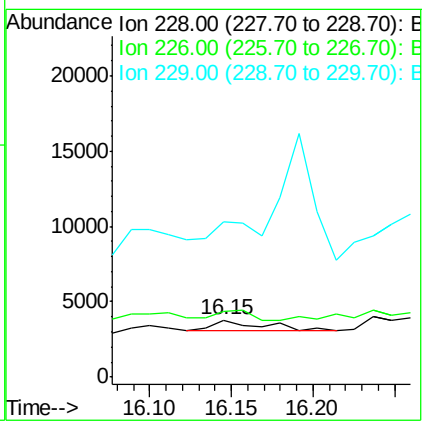


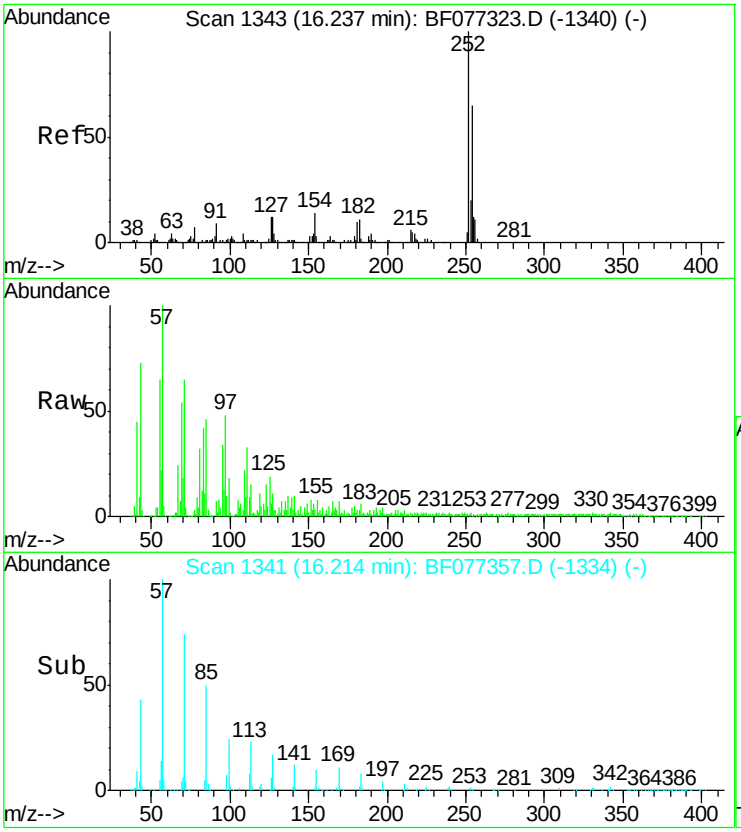


#80
Benzo(a)anthracene
Concen: 9.02 ng
RT: 16.15 min Scan# 1335
Delta R.T. -0.11 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:228 Resp: 1523

Ion	Ratio	Lower	Upper
228	100		
226	114.7	21.9	32.9#
229	272.8	16.1	24.1#



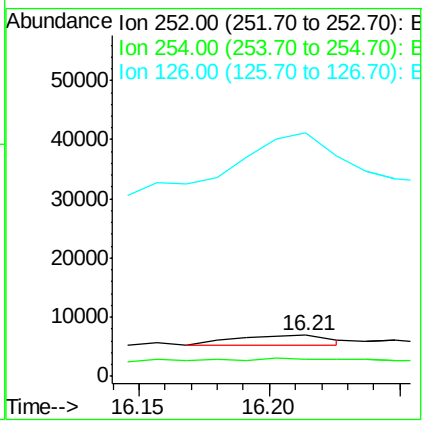


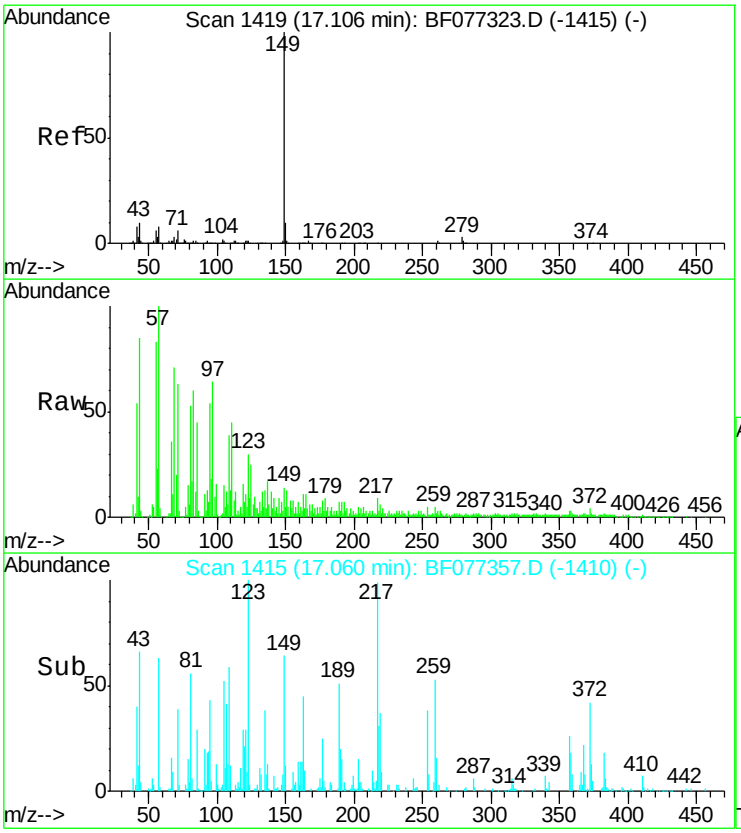
#81
3,3'-Dichlorobenzidine
Concen: 74.89 ng
RT: 16.21 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:252 Resp: 4176

Ion	Ratio	Lower	Upper
252	100		
254	39.9	52.0	78.0#
126	589.0	9.7	14.5#

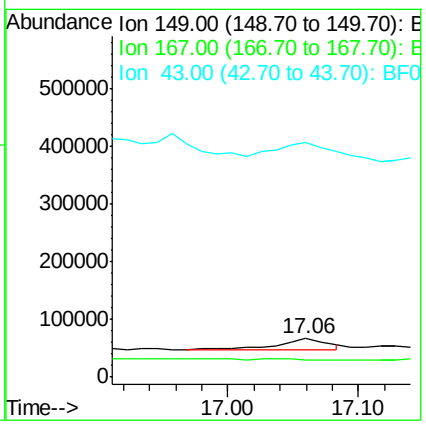


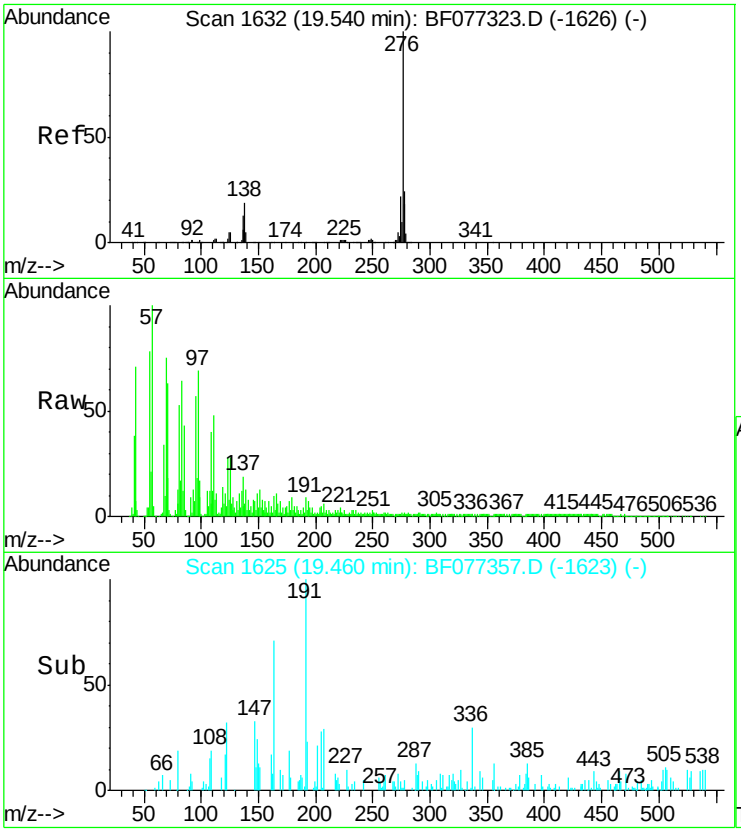


#84
Di-n-octyl phthalate
Concen: 257.35 ng
RT: 17.06 min Scan# 1415
Delta R.T. -0.05 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:149 Resp: 50810

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.1	1.7#
43	112.3	8.7	13.1#



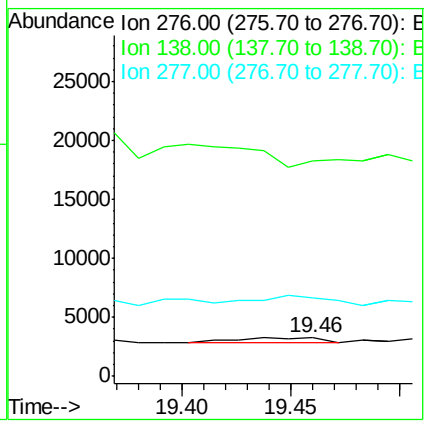


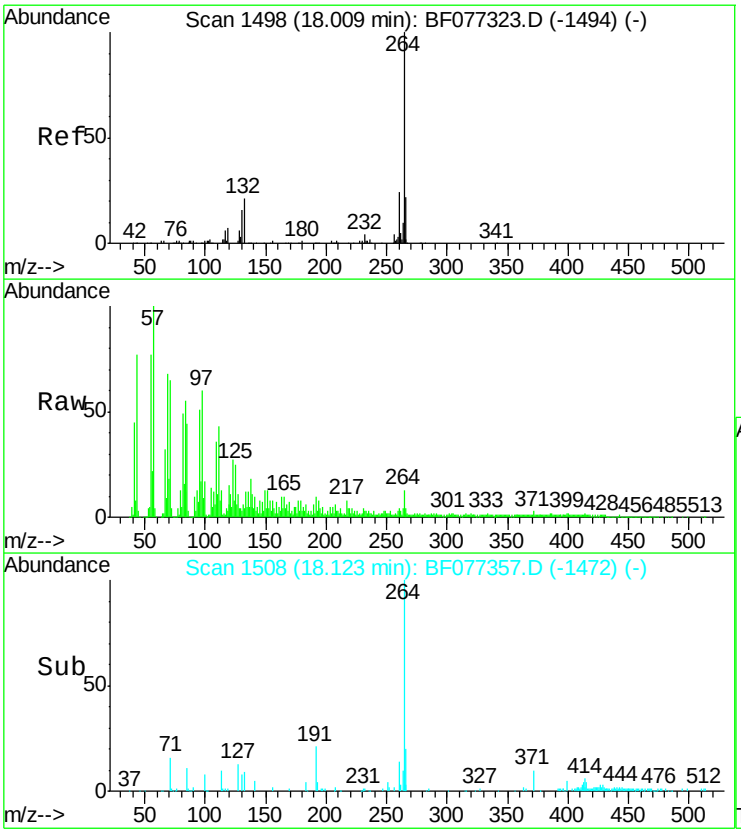
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.69 ng
RT: 19.46 min Scan# 1625
Delta R.T. -0.08 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:276 Resp: 1220

Ion	Ratio	Lower	Upper
276	100		
138	0.0	20.2	30.2#
277	166.6	20.2	30.2#

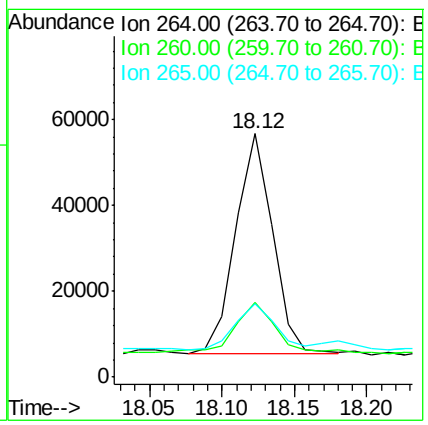


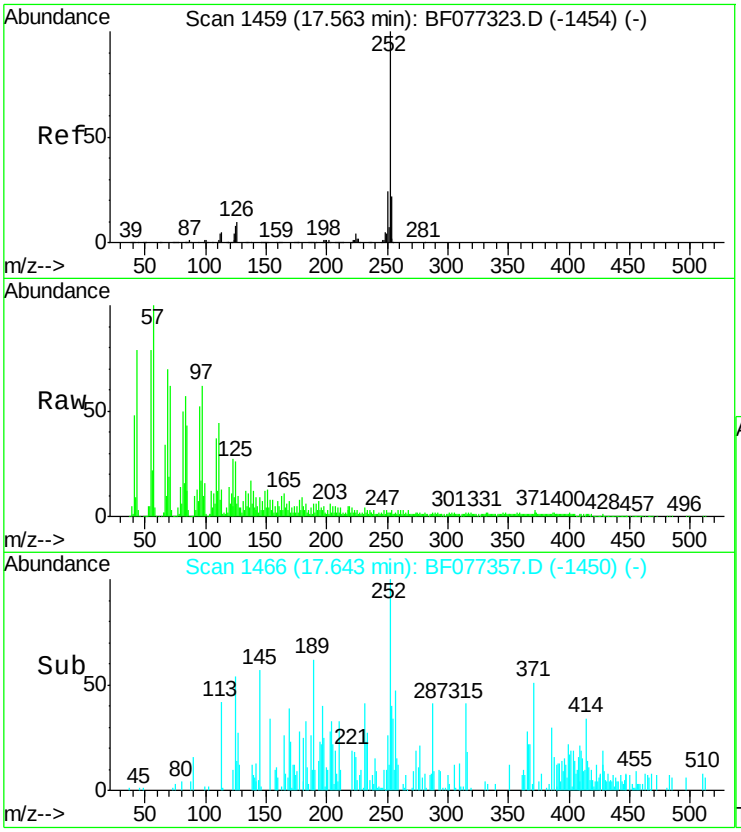


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.12 min Scan# 1508
Delta R.T. 0.11 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:264 Resp: 89914

Ion	Ratio	Lower	Upper
264	100		
260	30.8	18.9	28.3#
265	30.2	17.7	26.5#



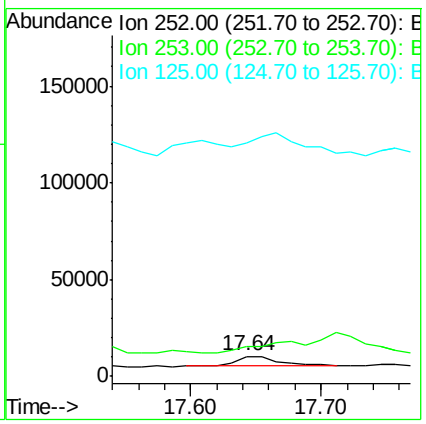


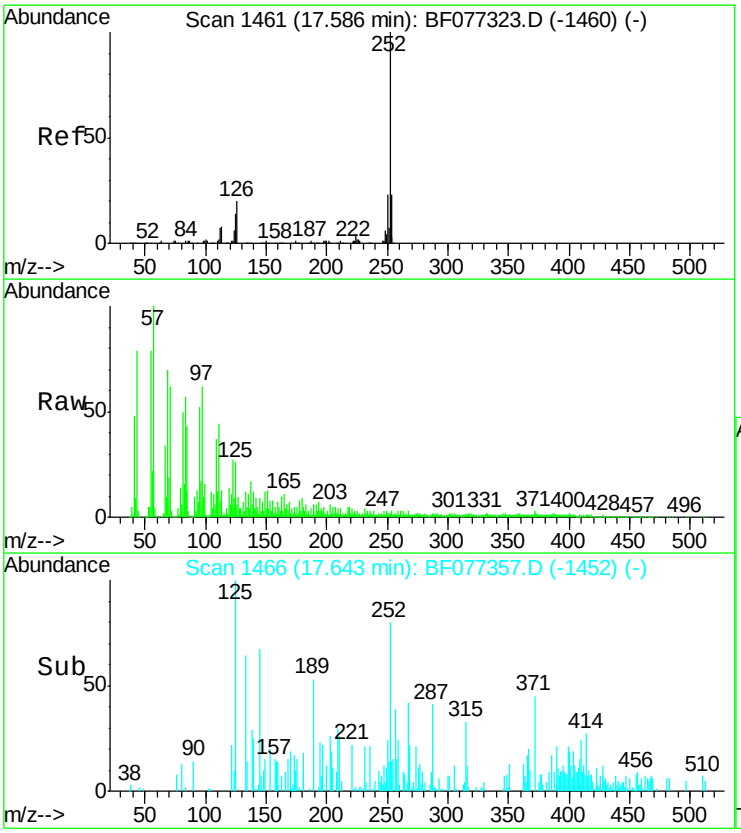
#87
Benzo(b)fluoranthene
Concen: 2.15 ng
RT: 17.64 min Scan# 1466
Delta R.T. 0.08 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:252 Resp: 12405

Ion	Ratio	Lower	Upper
252	100		
253	149.3	17.3	25.9#
125	1164.4	6.1	9.1#

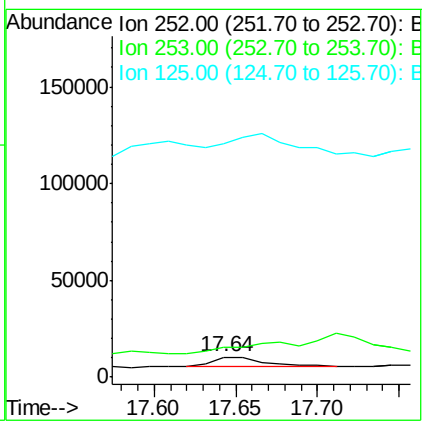


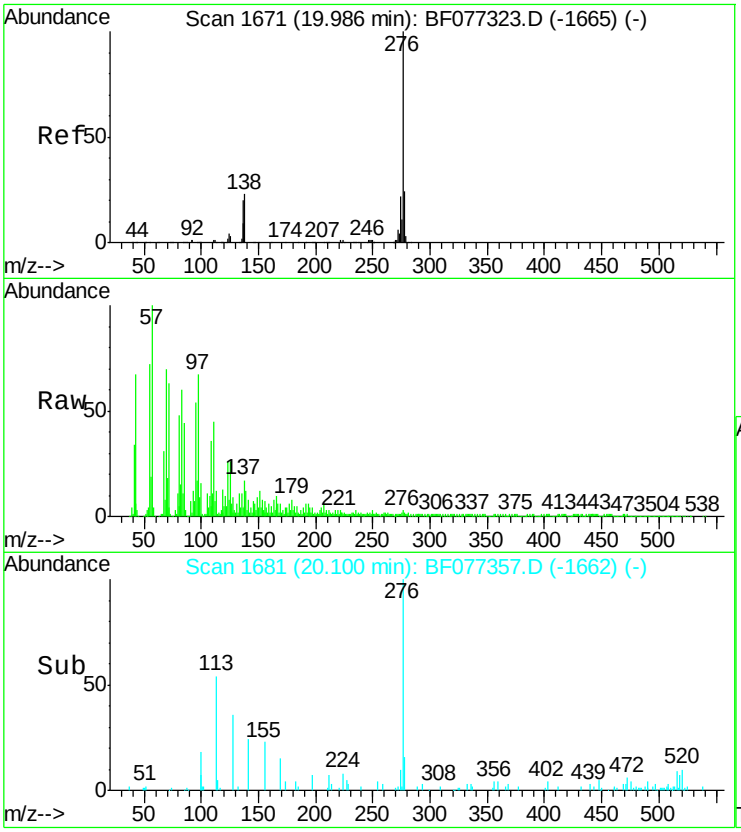


#88
Benzo(k)fluoranthene
Concen: 2.19 ng
RT: 17.64 min Scan# 1466
Delta R.T. 0.06 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:252 Resp: 10434

Ion	Ratio	Lower	Upper
252	100		
253	149.3	18.0	27.0#
125	1164.4	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.47 ng
RT: 20.10 min Scan# 1681
Delta R.T. 0.11 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:276 Resp: 12579

Ion	Ratio	Lower	Upper
276	100		
277	76.8	19.0	28.6#
138	201.7	18.7	28.1#