Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
Data File : BF078326.D
Acq On : 8 Apr 2015 7:01
Operator : TP/IZ
Sample : G1600-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A-3(J)DL

Quant Time: Apr 08 06:58:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 03:14:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	45147	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	181757	20.00	ng		0.00
38) Acenaphthene-d10	10.68	164	84715	20.00	ng		0.01
63) Phenanthrene-d10	12.51	188	172646	20.00	ng		0.01
75) Chrysene-d12	15.77	240	192471	20.00	ng		0.00
86) Perylene-d12	17.52	264	193342	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	21177	7.73	ng		0.01
7) Phenol-d6	6.53	99	30933	9.01	ng		0.01
23) Nitrobenzene-d5	7.63	82	25981	8.66	ng		0.00
41) 2,4,6-Tribromophenol	11.65	330	4848	6.90	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	47024	7.93	ng		0.00
78) Terphenyl-d14	14.50	244	57133	6.71	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.53	117	5003	4.14	ng	#	1
22) Acetophenone	7.42	105	52897	12.49	ng	#	63
24) Nitrobenzene	7.61	77	10853	3.46	ng	#	13
31) Naphthalene	8.53	128	177358	18.75	ng		99
32) Benzoic acid	8.26	122	829	6.35	ng	#	1
35) Caprolactam	9.04	113	5119	6.79	ng	#	1
37) 2-Methylnaphthalene	9.40	142	390947	60.87	ng		98
45) 1,1'-Biphenyl	9.98	154	73027	10.54	ng		98
47) 2-Nitroaniline	10.18	65	6544	4.85	ng	#	46
51) Acenaphthene	10.72	154	13431	2.71	ng	#	91
54) Dibenzofuran	10.93	168	22573	2.98	ng	#	63
55) 4-Nitrophenol	10.88	139	2282	4.77	ng	#	24
56) 2,4-Dinitrotoluene	10.95	165	10095	5.95	ng	#	55
57) Fluorene	11.36	166	35510	5.79	ng	#	85
64) 4,6-Dinitro-2-methylphenol	11.46	198	206	8.76	ng	#	1
65) n-Nitrosodiphenylamine	11.52	169	55419	9.28	ng	#	66
70) Phenanthrene	12.53	178	135958	13.61	ng		97
71) Anthracene	12.53	178	119421	12.14	ng		99
77) Pyrene	14.27	202	26424	2.19	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
Data File : BF078326.D
Acq On : 8 Apr 2015 7:01
Operator : TP/IZ
Sample : G1600-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
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S-A-3(J)DL

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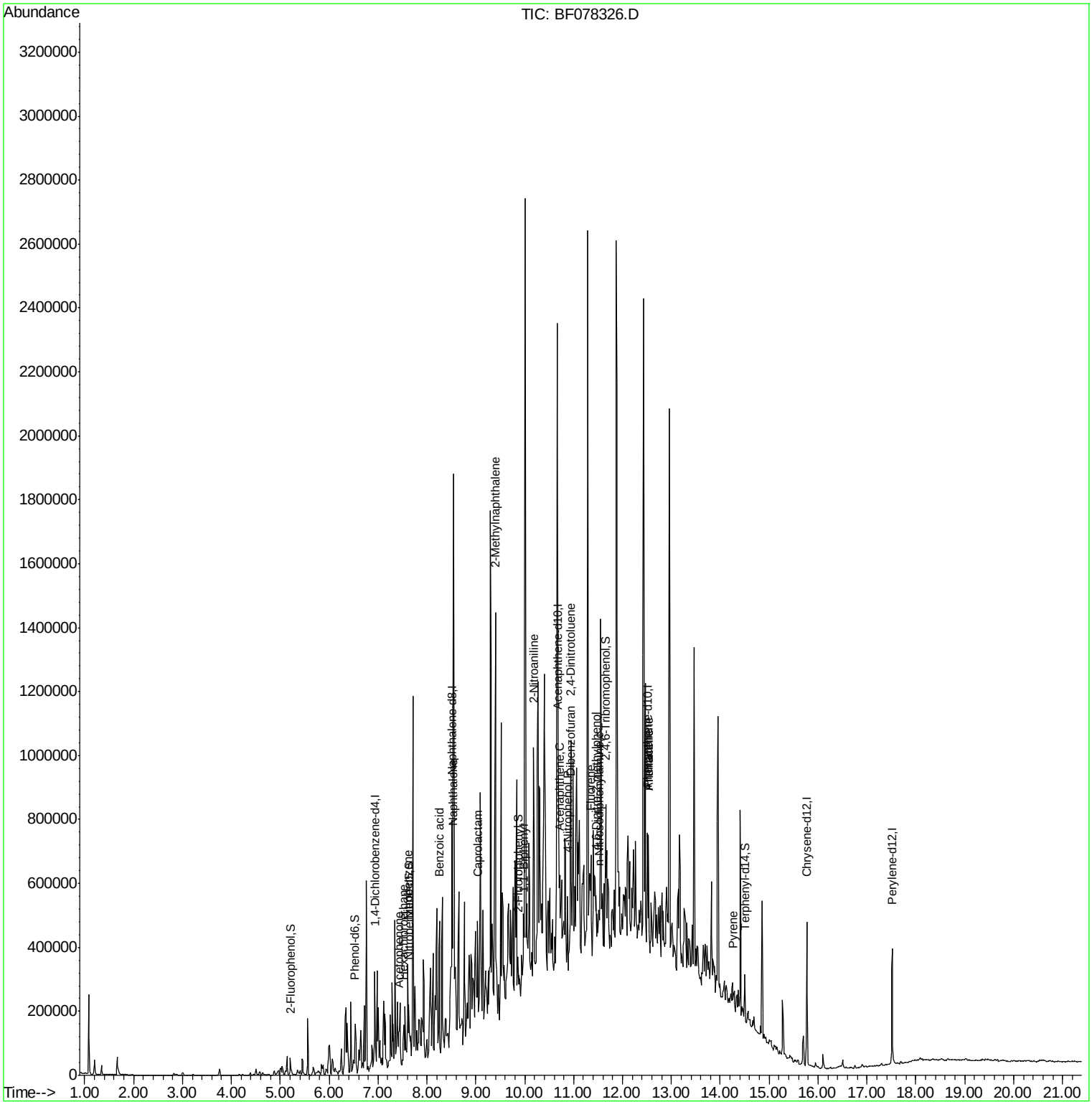
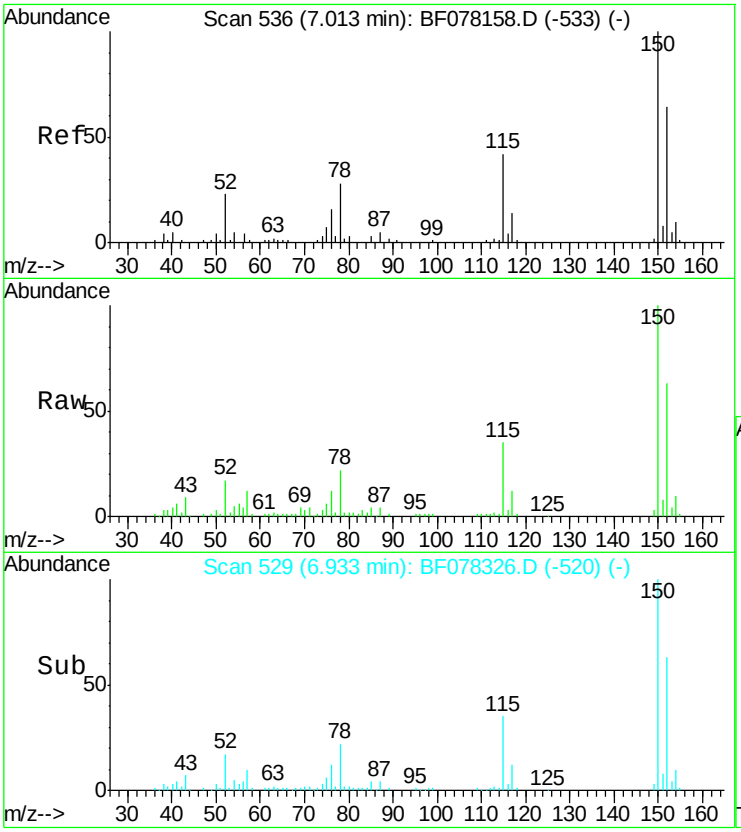


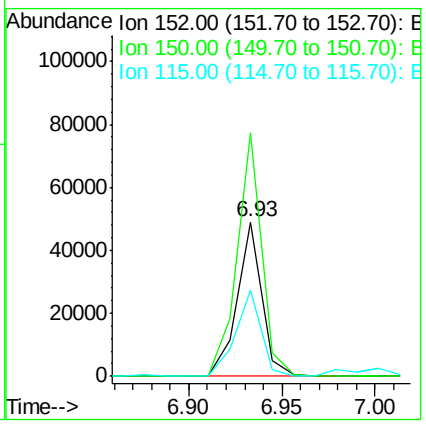


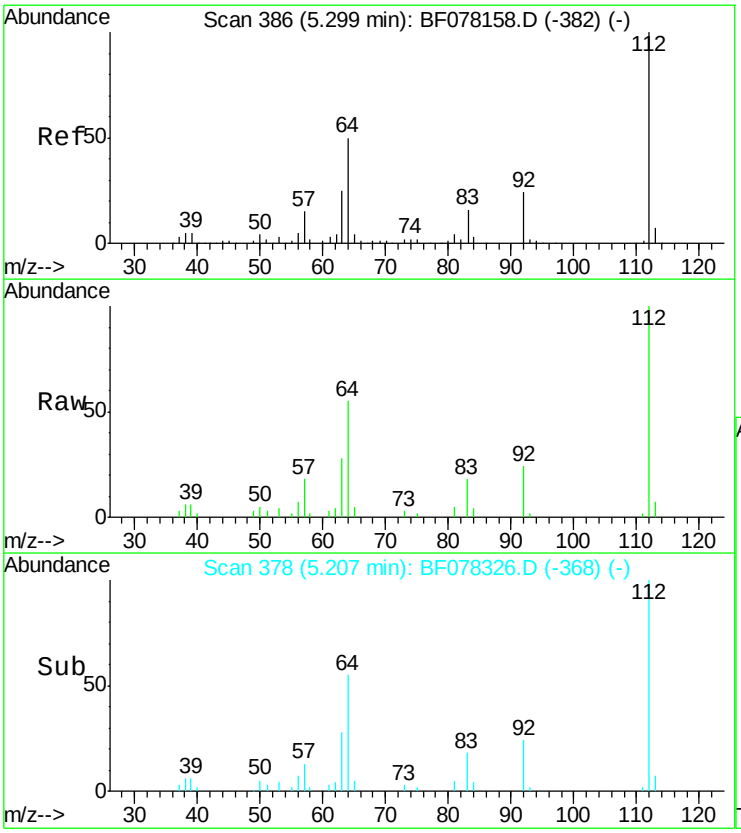
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:152 Resp: 45147

Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.9	188.9
115	55.7	52.7	79.1

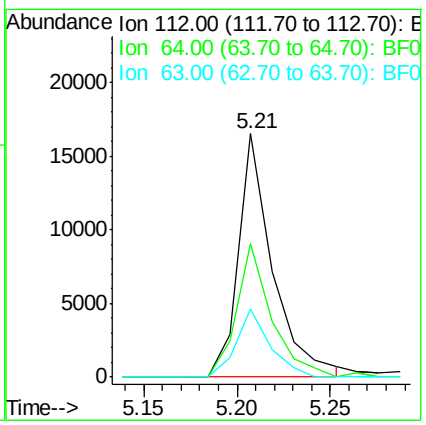


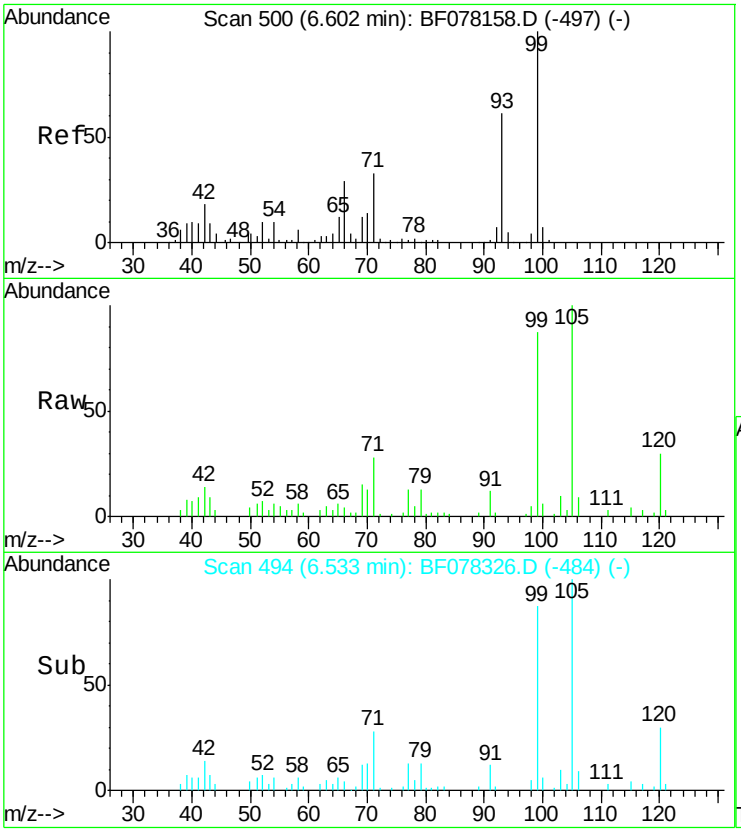


#5
2-Fluorophenol
Concen: 7.73 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:112 Resp: 21177

Ion	Ratio	Lower	Upper
112	100		
64	54.8	39.9	59.9
63	28.1	20.2	30.4



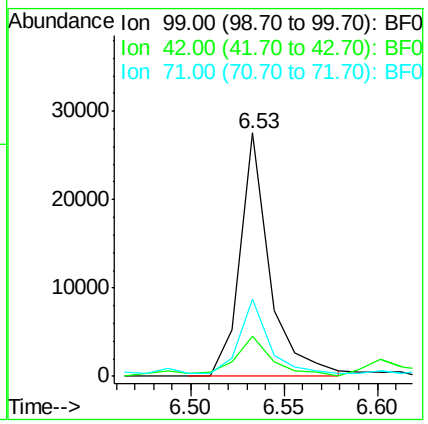


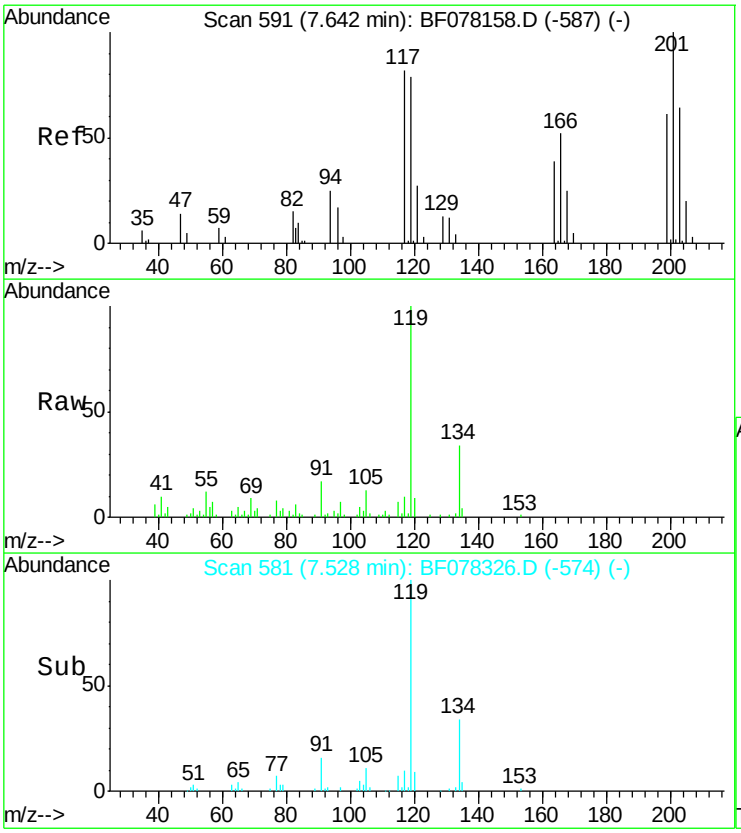
#7
Phenol-d6
Concen: 9.01 ng
RT: 6.53 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion: 99 Resp: 30933

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.8	22.2
71	31.8	26.6	39.8

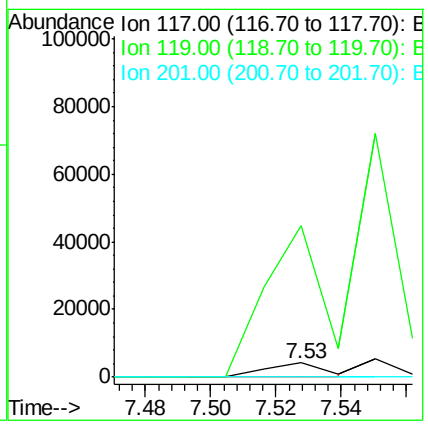


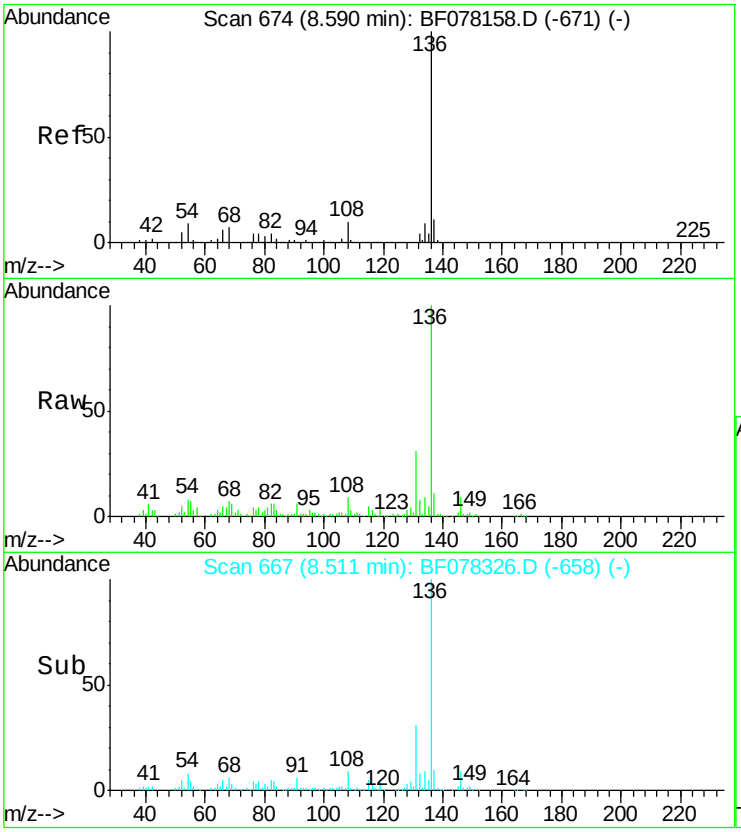


#18
Hexachloroethane
Concen: 4.14 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:117 Resp: 5003

Ion	Ratio	Lower	Upper
117	100		
119	1047.5	77.0	115.6#
201	0.0	98.1	147.1#



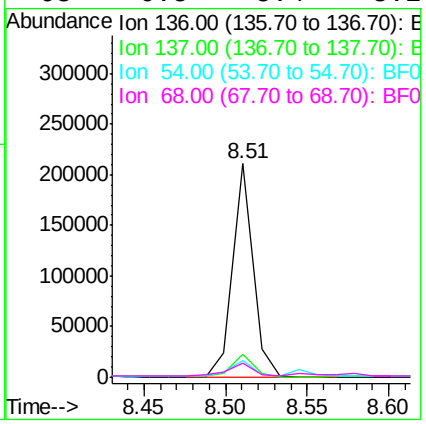


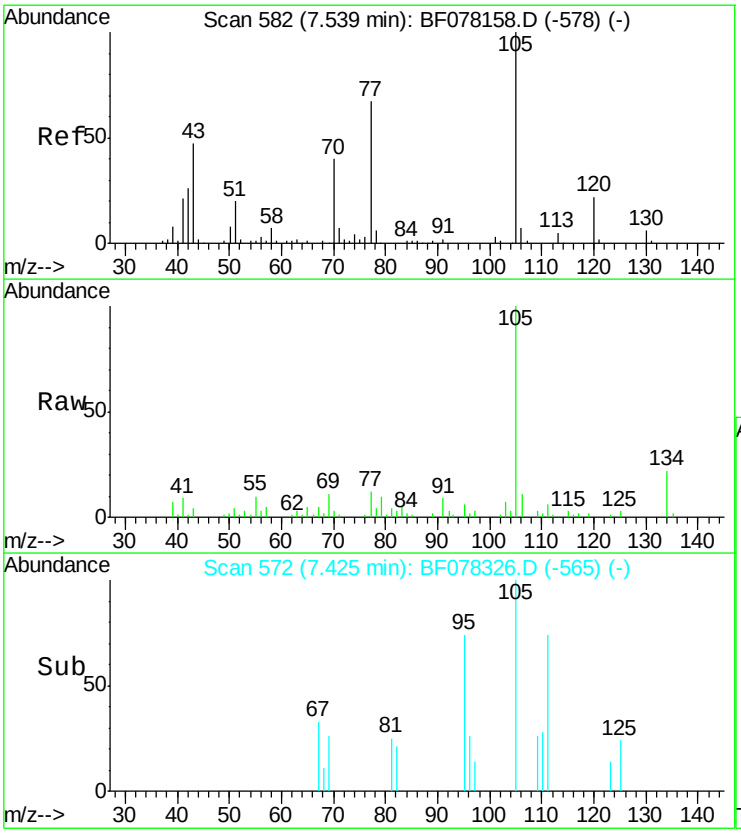
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:136 Resp: 181757

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.8	7.0	10.6
68	6.5	5.4	8.2

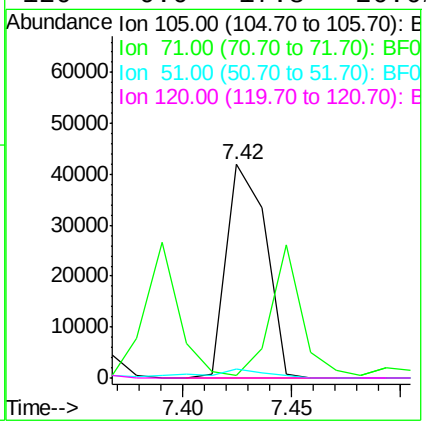


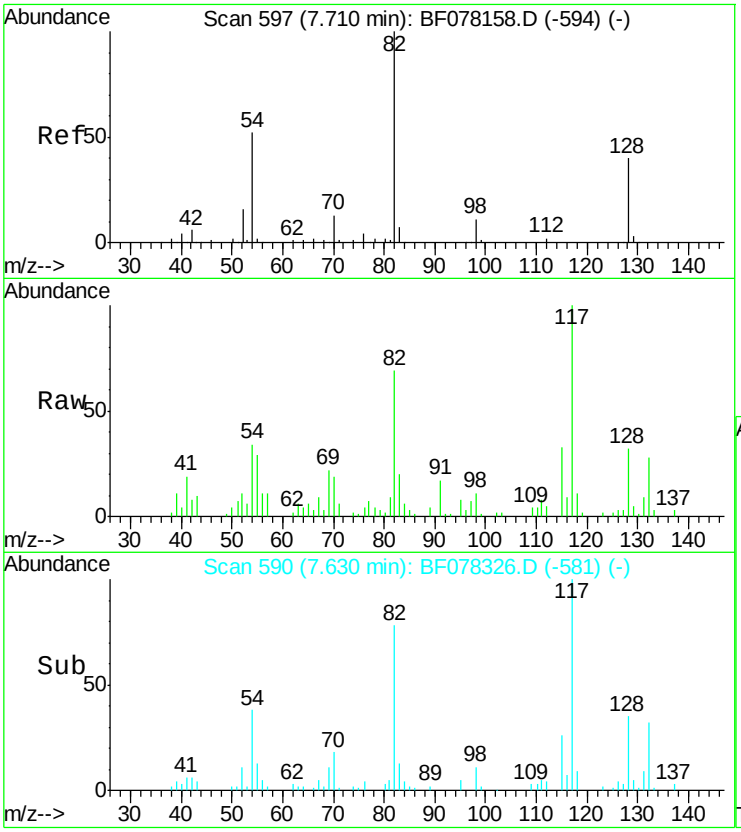


#22
Acetophenone
Concen: 12.49 ng
RT: 7.42 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:105 Resp: 52897

Ion	Ratio	Lower	Upper
105	100		
71	1.0	5.5	8.3#
51	4.1	16.0	24.0#
120	0.0	17.8	26.6#



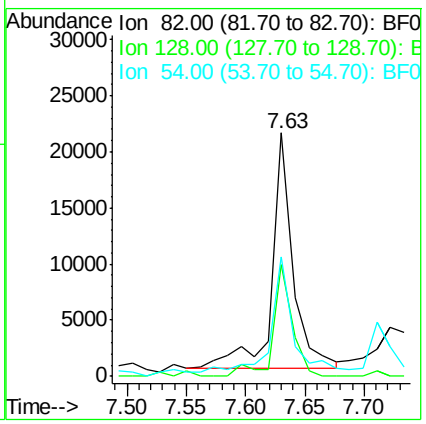


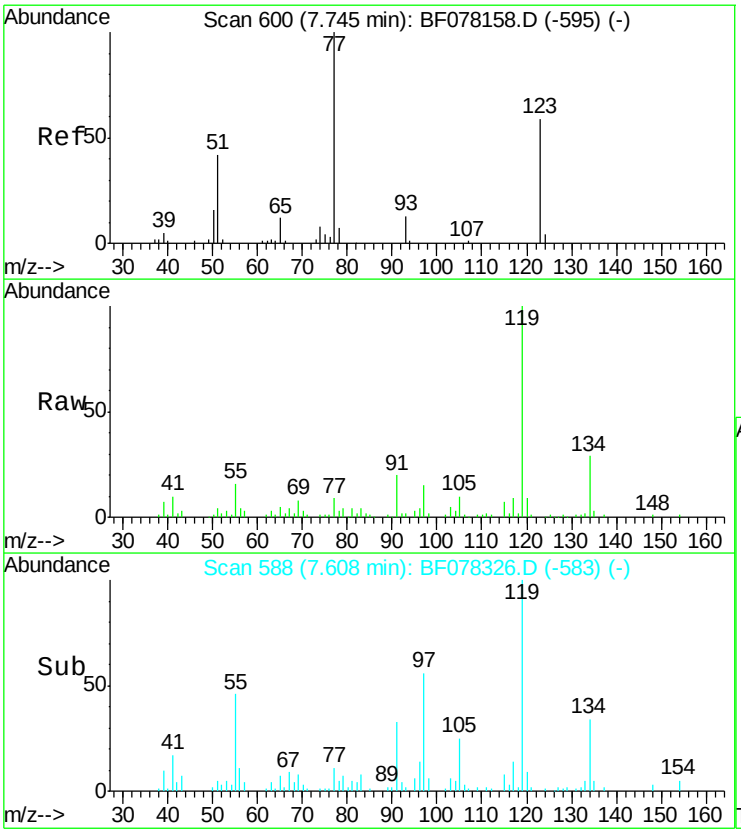
#23
Nitrobenzene-d5
Concen: 8.66 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion: 82 Resp: 25981

Ion	Ratio	Lower	Upper
82	100		
128	45.9	31.8	47.8
54	49.2	41.5	62.3

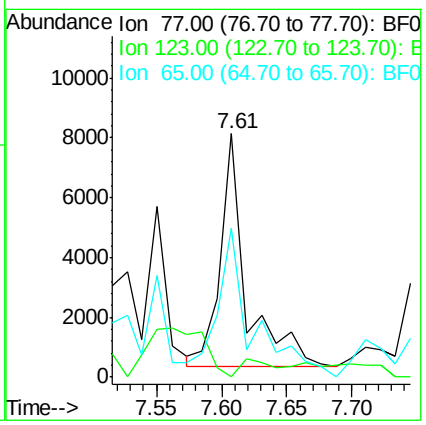


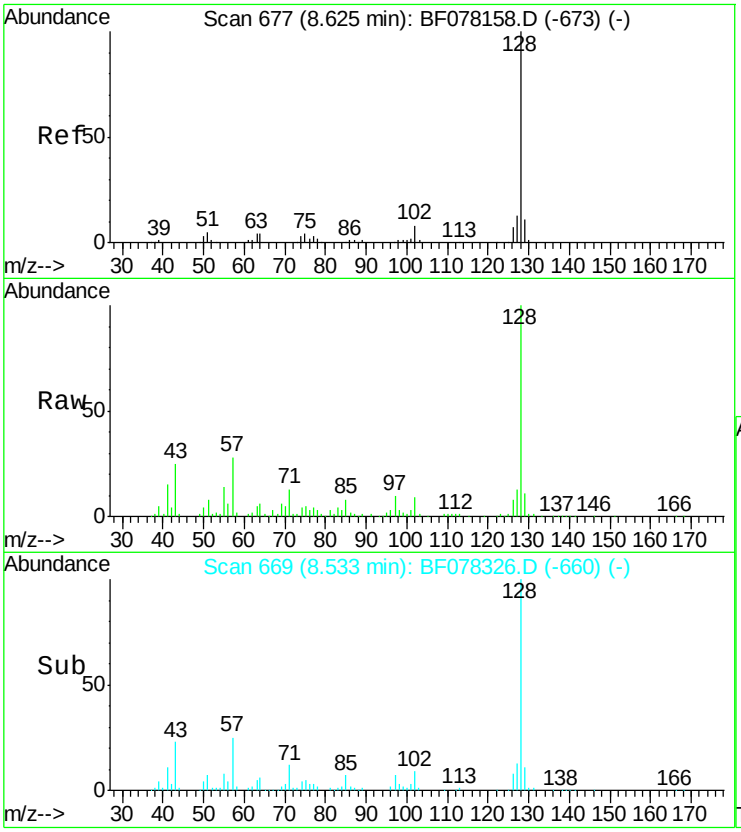


#24
Nitrobenzene
Concen: 3.46 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion: 77 Resp: 10853

Ion	Ratio	Lower	Upper
77	100		
123	0.0	46.9	70.3#
65	61.1	9.5	14.3#



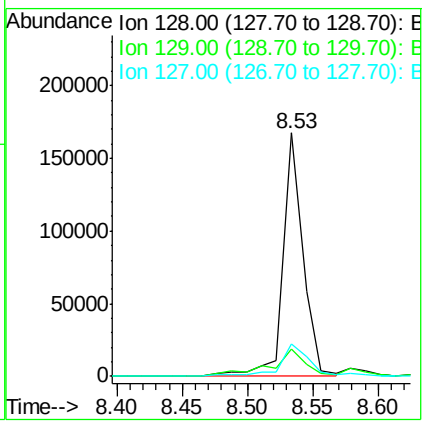


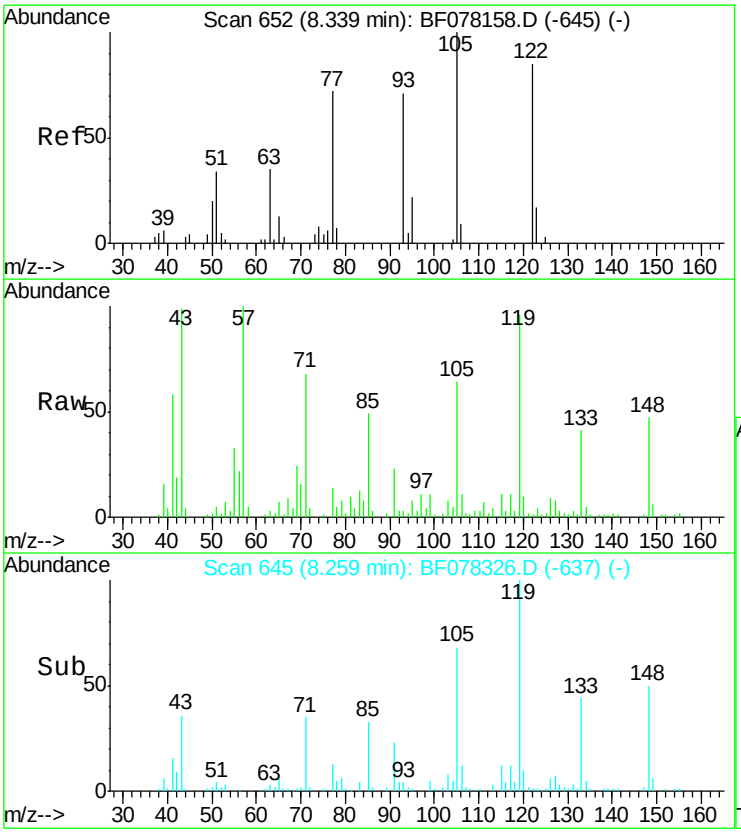
#31
Naphthalene
Concen: 18.75 ng
RT: 8.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:128 Resp: 177358

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.1	10.7	16.1

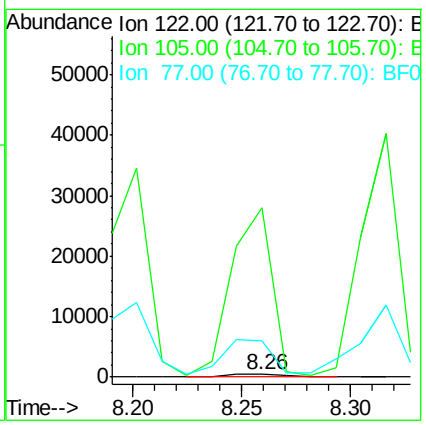


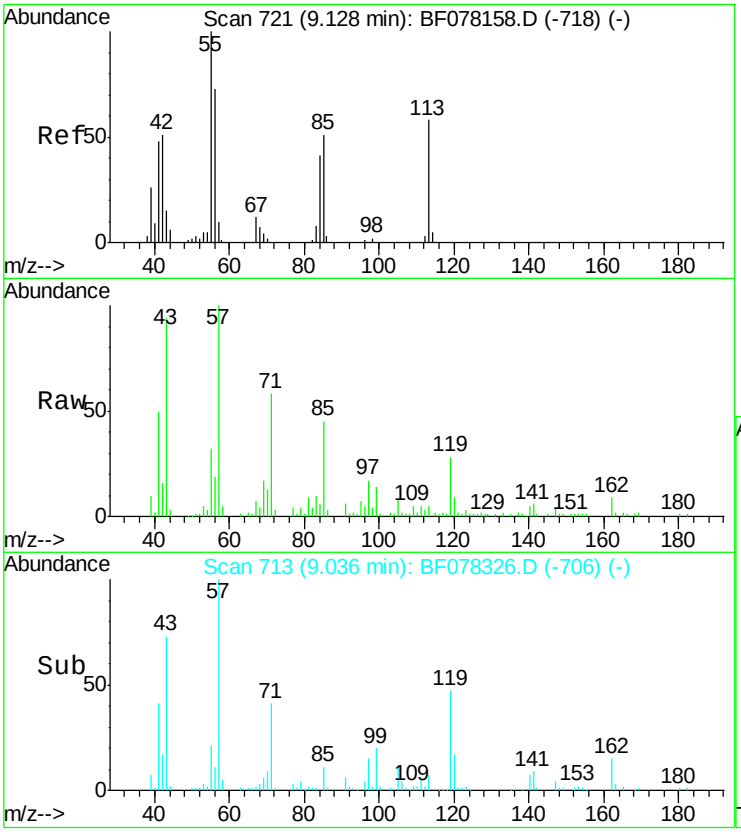


#32
Benzoic acid
Concen: 6.35 ng
RT: 8.26 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:122 Resp: 829

Ion	Ratio	Lower	Upper
122	100		
105	6276.5	96.1	136.1#
77	1330.9	64.1	104.1#



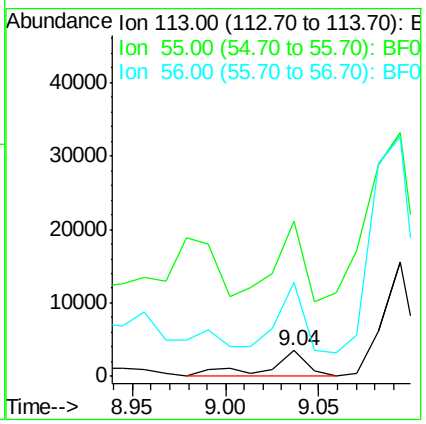


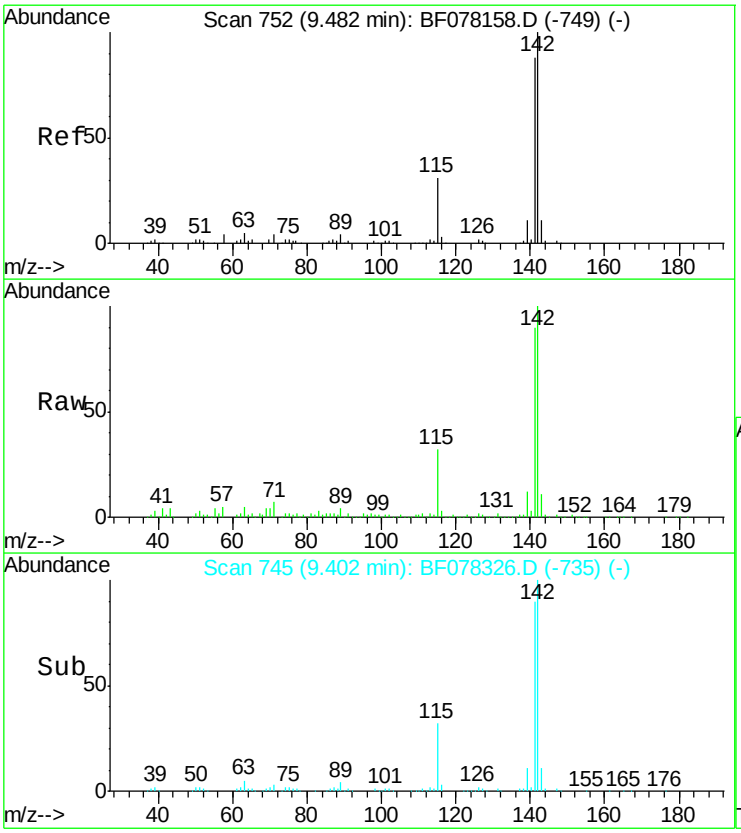
#35
Caprolactam
Concen: 6.79 ng
RT: 9.04 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:113 Resp: 5119

Ion	Ratio	Lower	Upper
113	100		
55	613.4	151.9	191.9#
56	368.9	106.1	146.1#

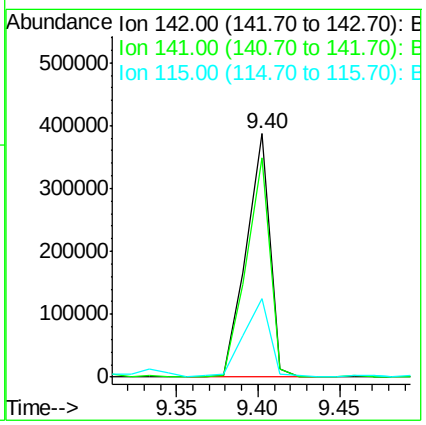


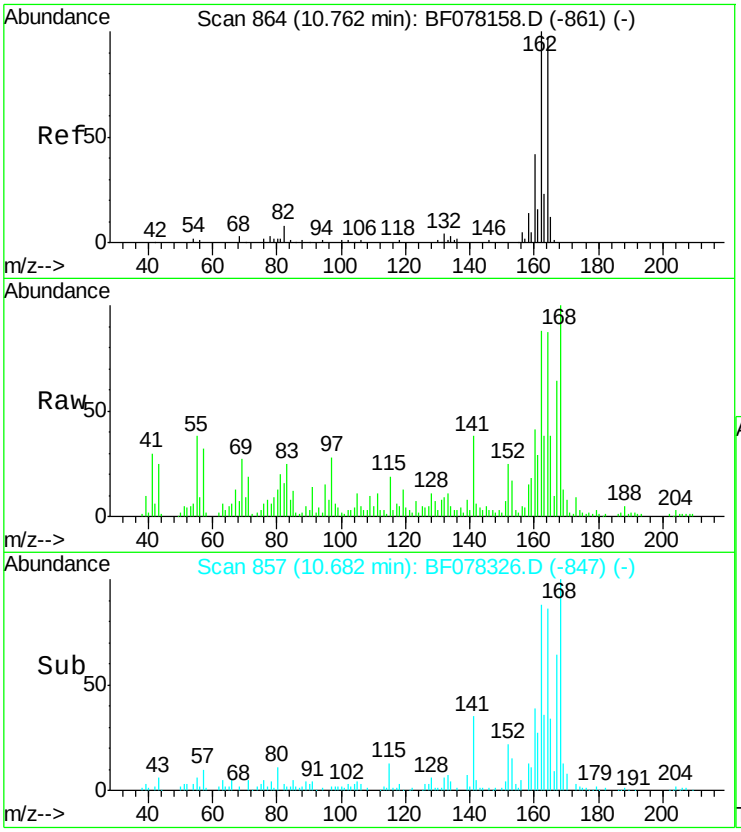


#37
2-Methylnaphthalene
Concen: 60.87 ng
RT: 9.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:142 Resp: 390947

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.3	105.5
115	32.2	24.6	37.0



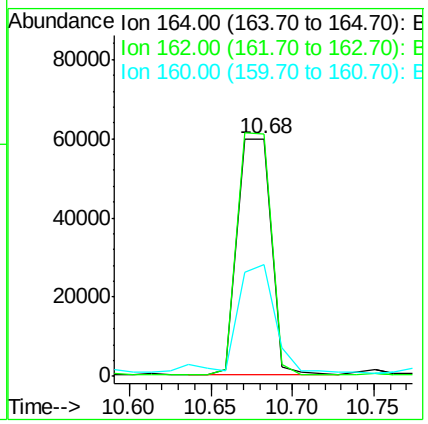


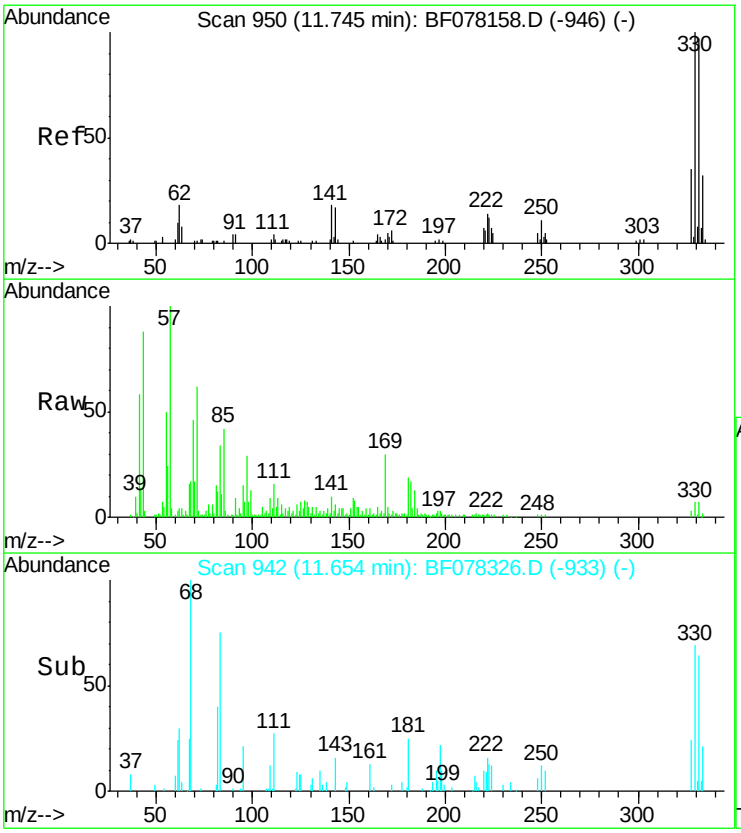
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.68 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:164 Resp: 84715

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	46.8	34.7	52.1

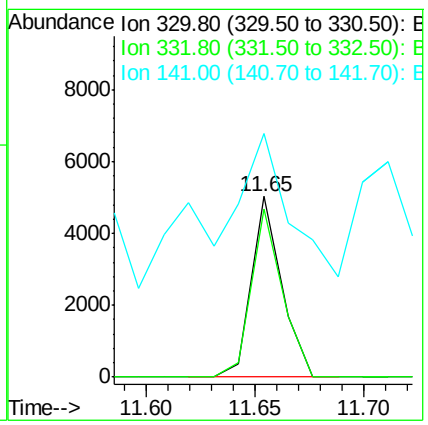


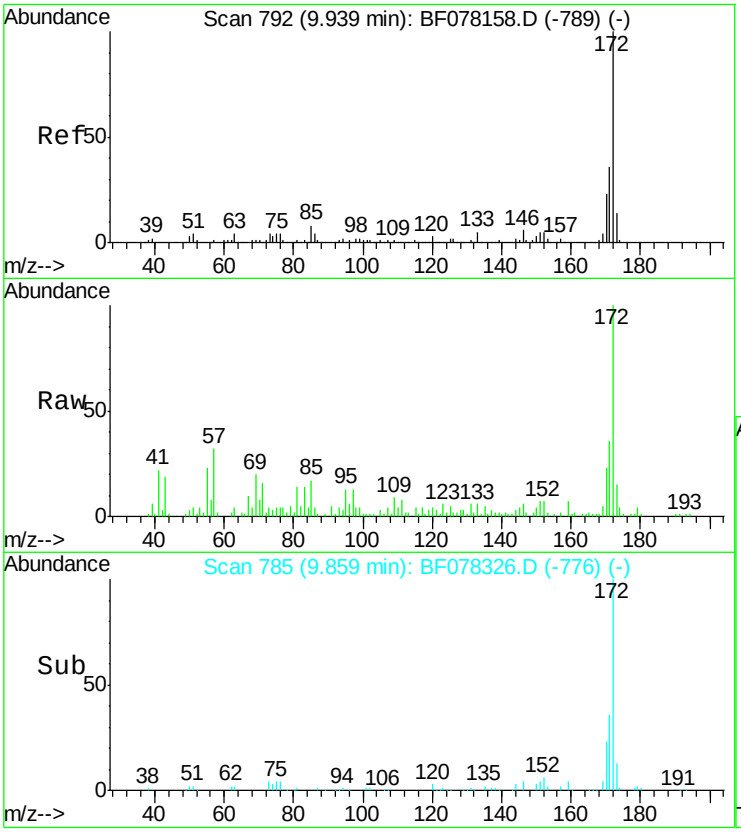


#41
2,4,6-Tribromophenol
Concen: 6.90 ng
RT: 11.65 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:330 Resp: 4848

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.6	117.8
141	216.9	31.2	46.8#



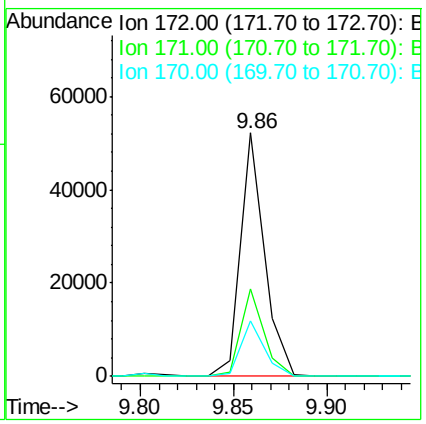


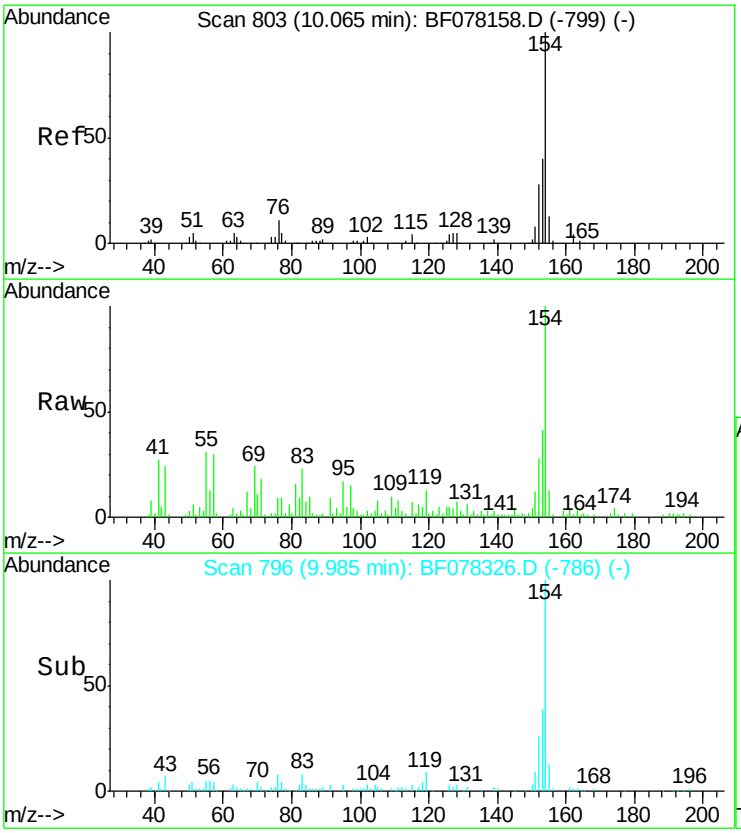
#44
2-Fluorobiphenyl
Concen: 7.93 ng
RT: 9.86 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:172 Resp: 47024

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	22.7	18.5	27.7

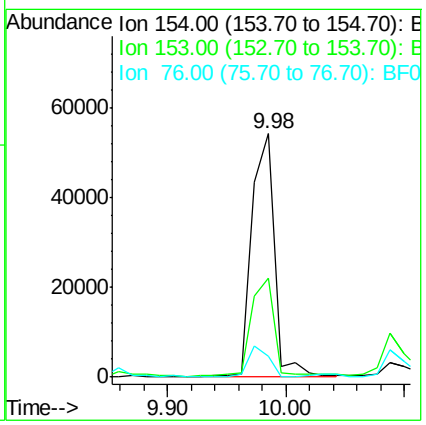


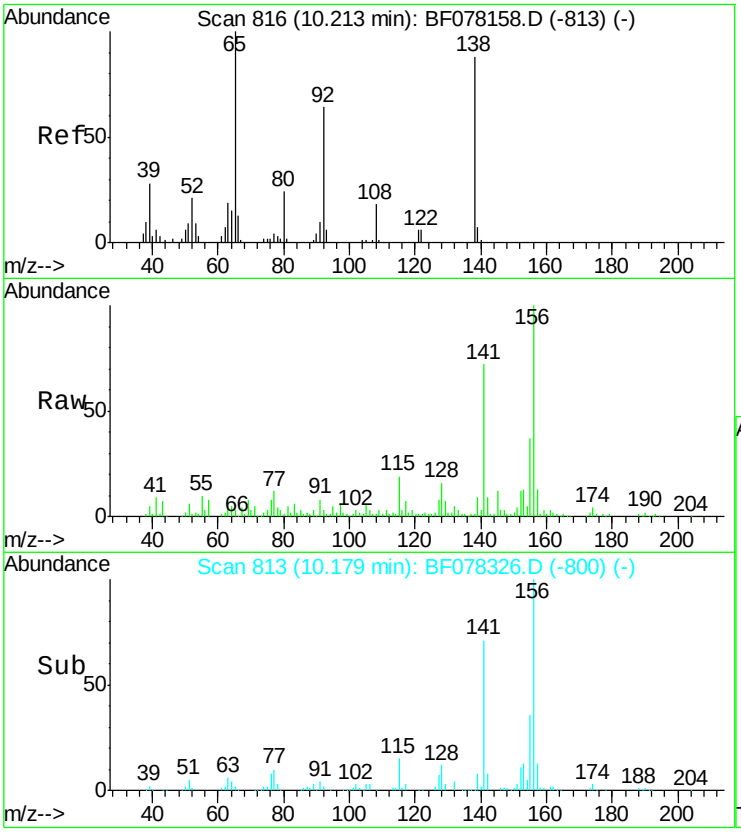


#45
1,1'-Biphenyl
Concen: 10.54 ng
RT: 9.98 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:154 Resp: 73027

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.0	60.0
76	8.8	0.0	30.6



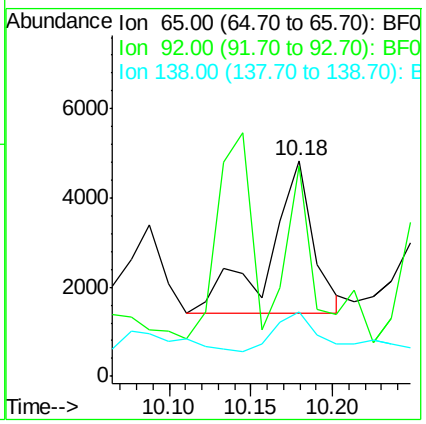


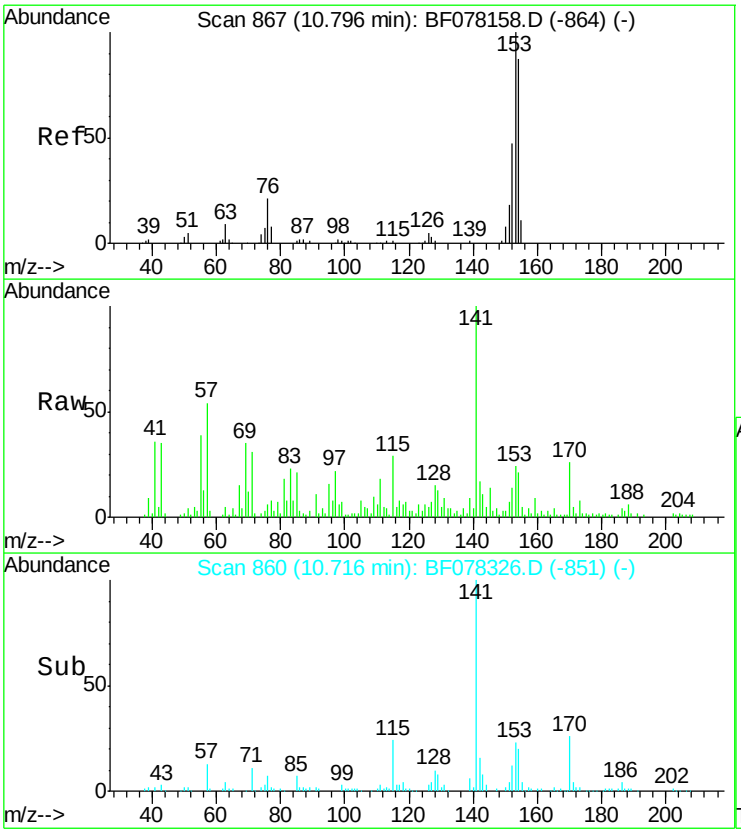
#47
2-Nitroaniline
Concen: 4.85 ng
RT: 10.18 min Scan# 813
Delta R.T. 0.05 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion: 65 Resp: 6544

Ion	Ratio	Lower	Upper
65	100		
92	97.6	51.3	76.9#
138	29.9	70.4	105.6#

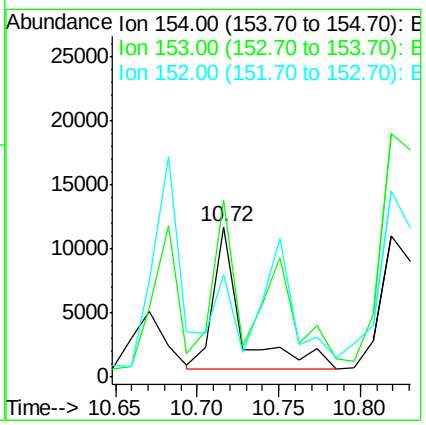


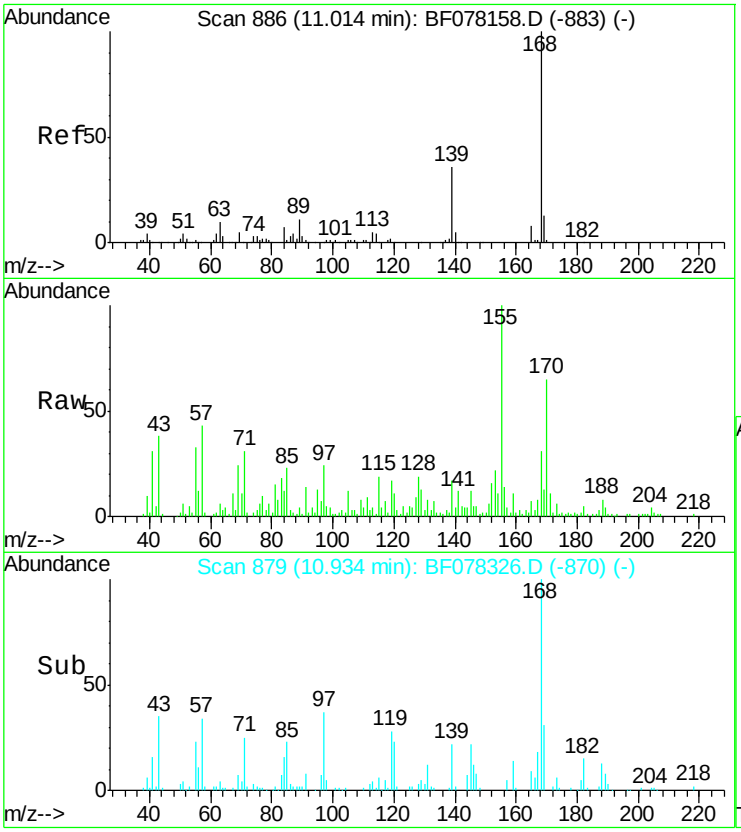


#51
Acenaphthene
Concen: 2.71 ng
RT: 10.72 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:154 Resp: 13431

Ion	Ratio	Lower	Upper
154	100		
153	118.1	91.4	137.2
152	68.2	43.0	64.6#



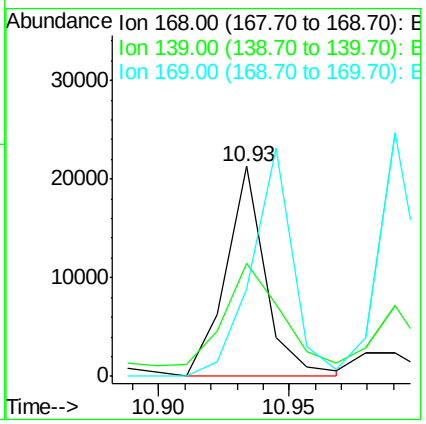


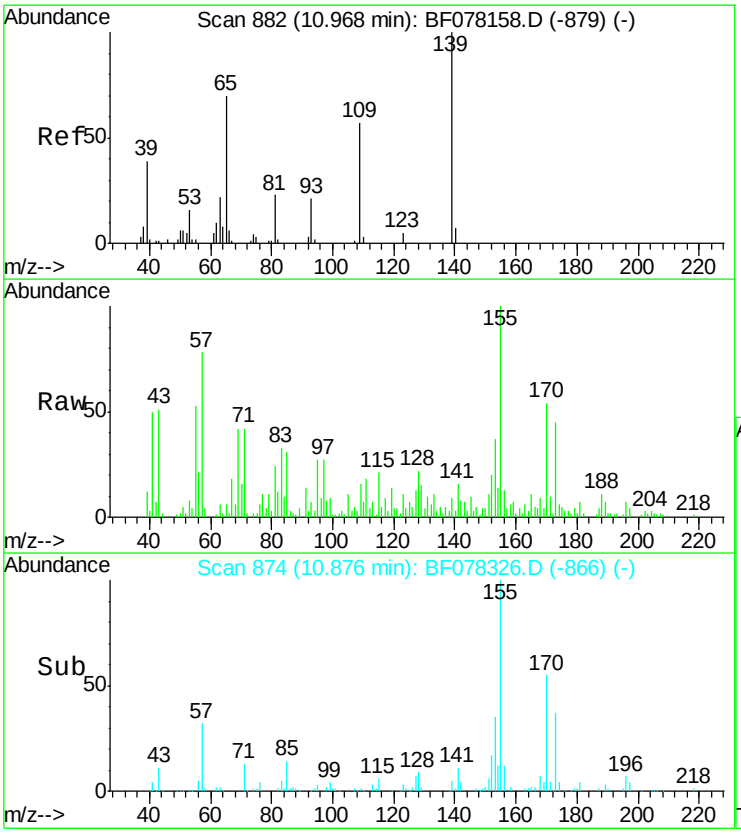
#54
Dibenzofuran
Concen: 2.98 ng
RT: 10.93 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:168 Resp: 22573

Ion	Ratio	Lower	Upper
168	100		
139	54.2	31.0	46.4#
169	41.4	10.7	16.1#

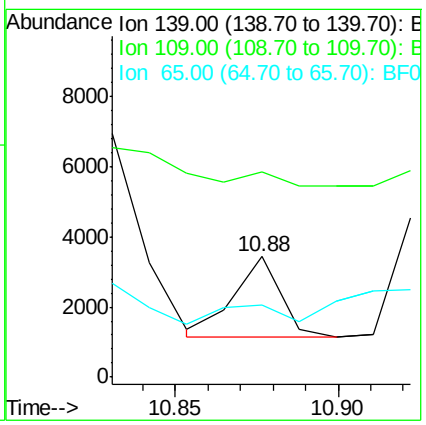


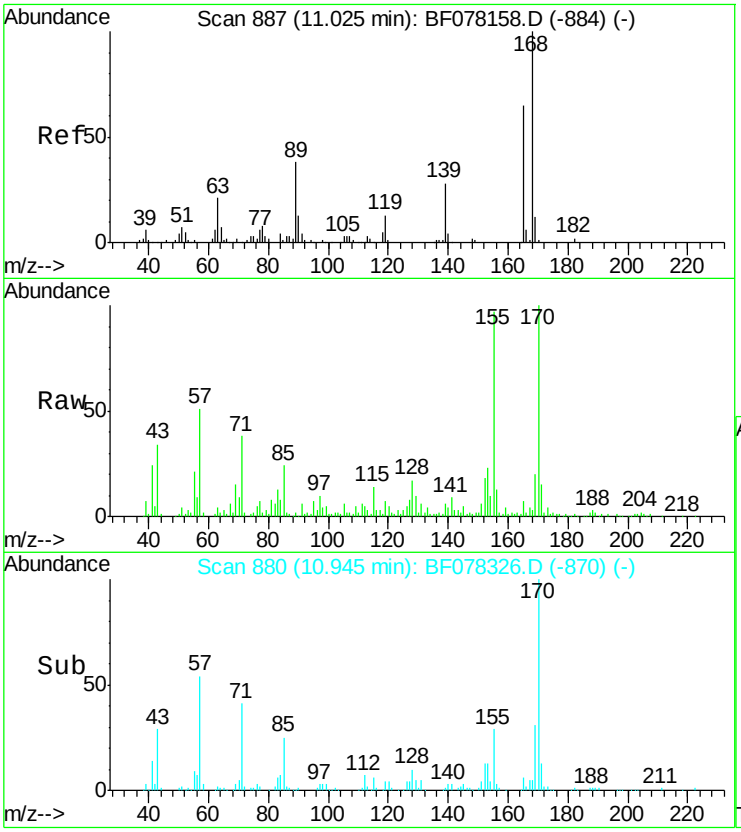


#55
4-Nitrophenol
Concen: 4.77 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:139 Resp: 2282

Ion	Ratio	Lower	Upper
139	100		
109	169.9	36.7	76.7#
65	60.0	49.9	89.9



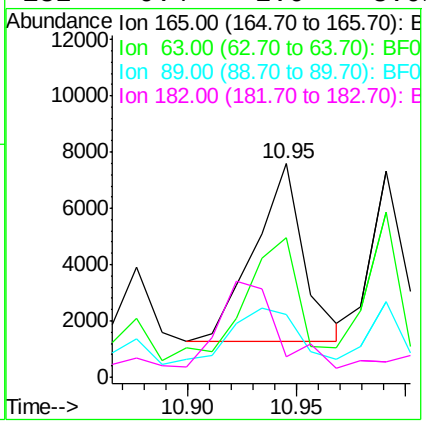


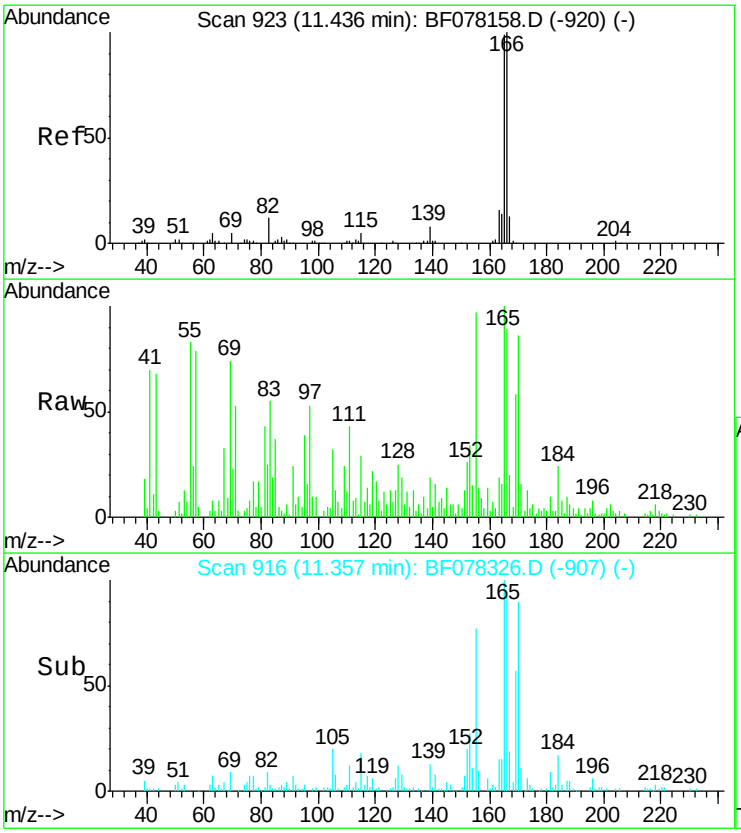
#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 10.95 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:165 Resp: 10095

Ion	Ratio	Lower	Upper
165	100		
63	65.1	26.5	39.7#
89	29.2	46.4	69.6#
182	9.4	2.0	3.0#

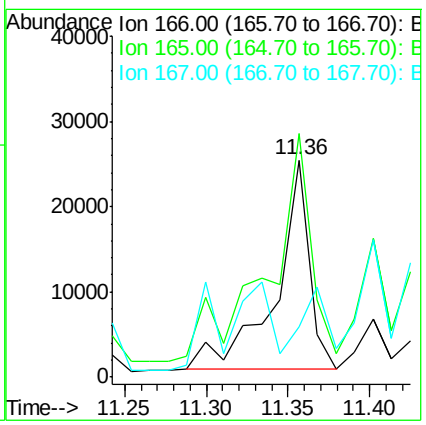


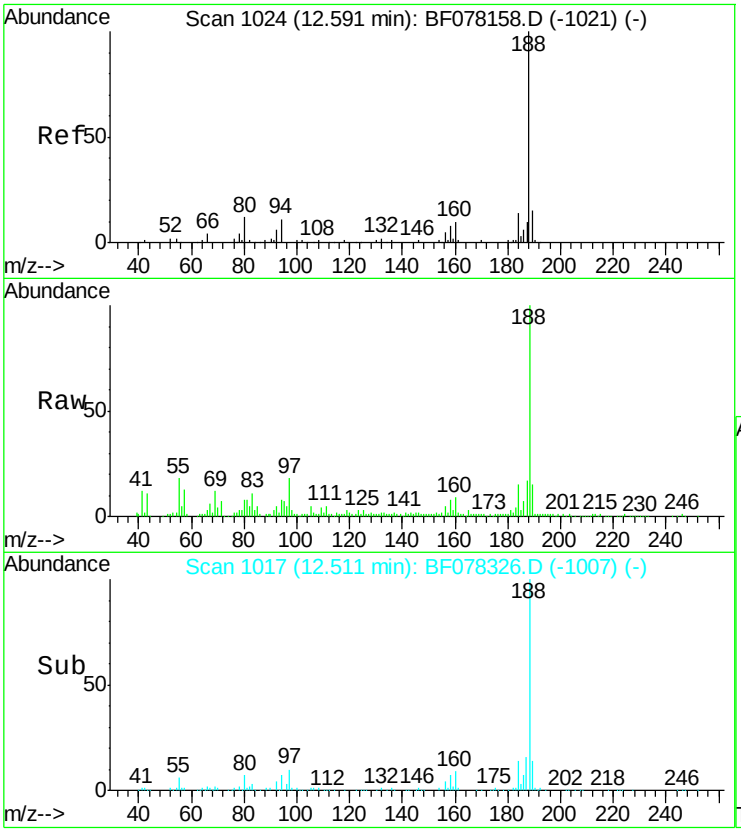


#57
Fluorene
Concen: 5.79 ng
RT: 11.36 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:166 Resp: 35510

Ion	Ratio	Lower	Upper
166	100		
165	112.2	78.9	118.3
167	23.0	10.7	16.1#



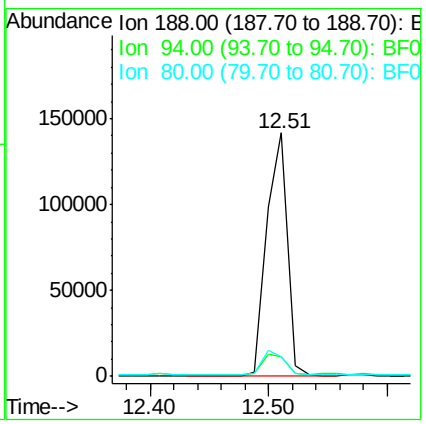


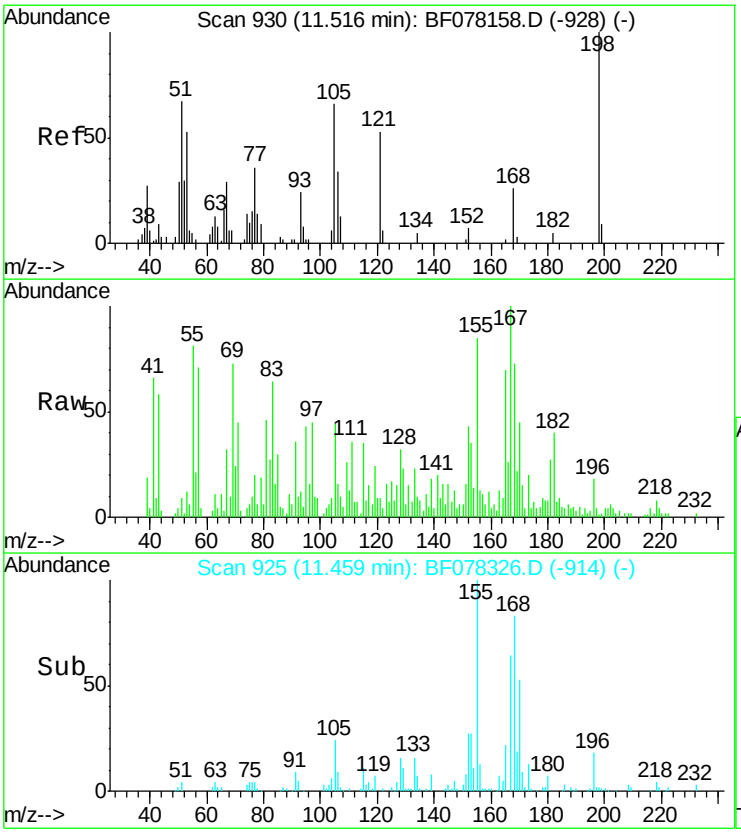
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.51 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:188 Resp: 172646

Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.4#
80	8.0	9.5	14.3#

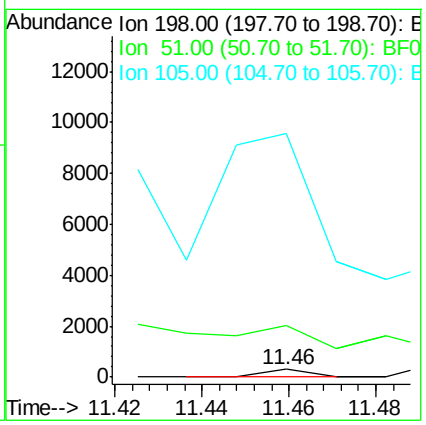


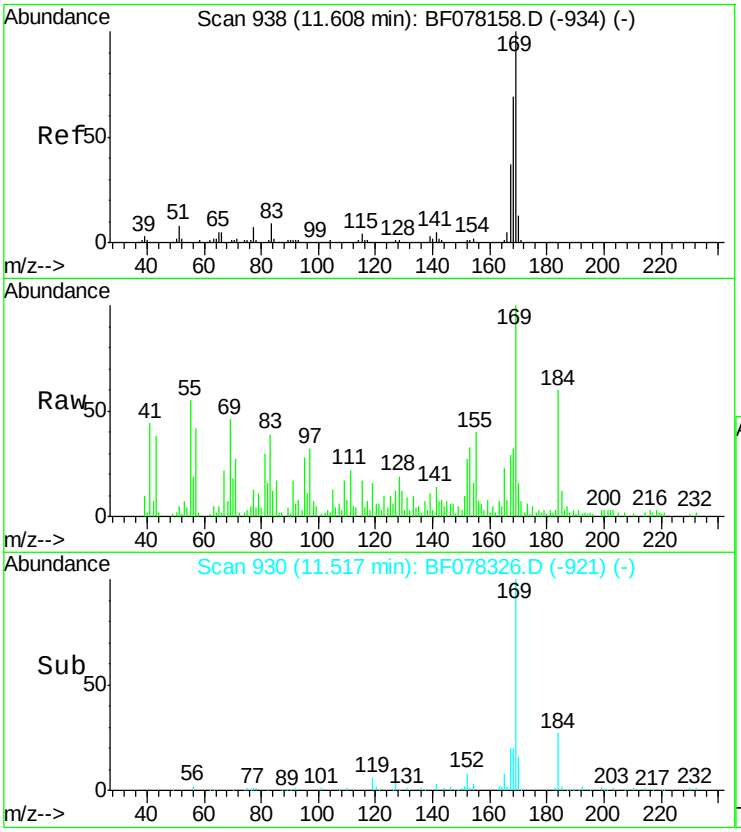


#64
4,6-Dinitro-2-methylphenol
Concen: 8.76 ng
RT: 11.46 min Scan# 925
Delta R.T. 0.02 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:198 Resp: 206

Ion	Ratio	Lower	Upper
198	100		
51	672.4	48.6	88.6#
105	3178.1	45.8	85.8#



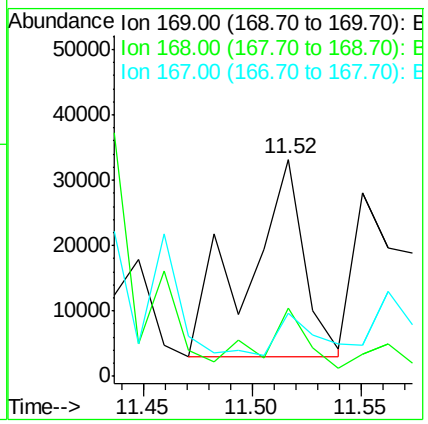


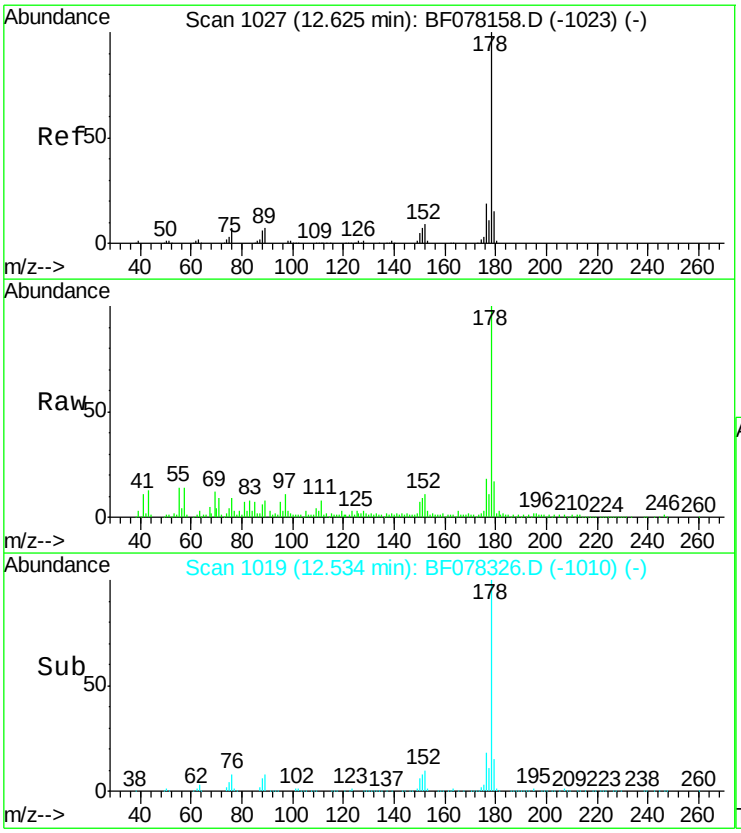
#65
n-Nitrosodiphenylamine
Concen: 9.28 ng
RT: 11.52 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:169 Resp: 55419

Ion	Ratio	Lower	Upper
169	100		
168	31.6	55.0	82.4#
167	29.2	29.3	43.9#

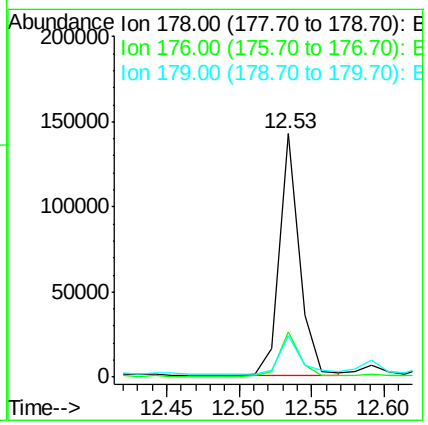


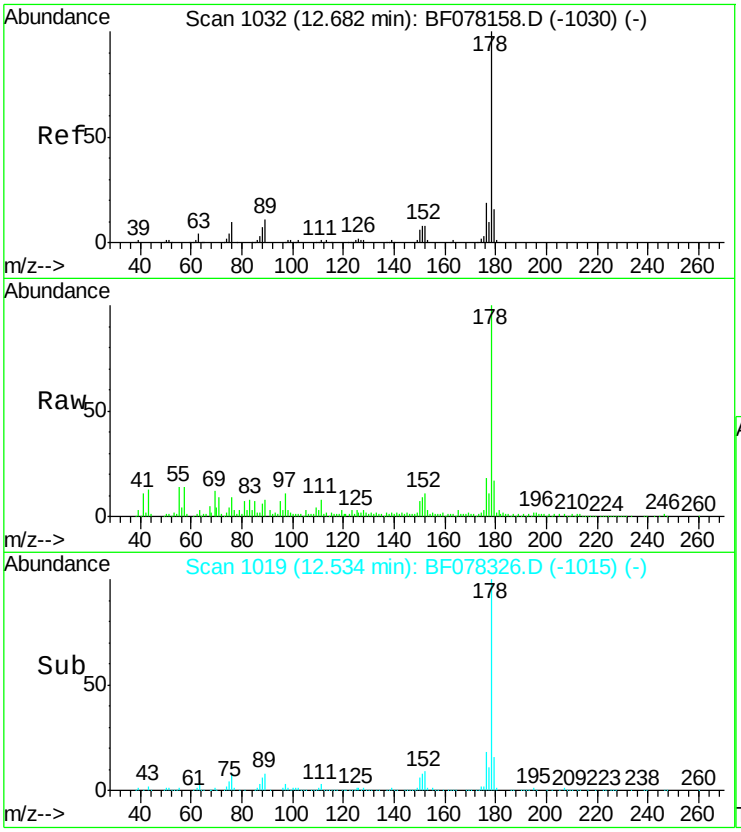


#70
Phenanthrene
Concen: 13.61 ng
RT: 12.53 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:178 Resp: 135958

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	16.8	12.2	18.2



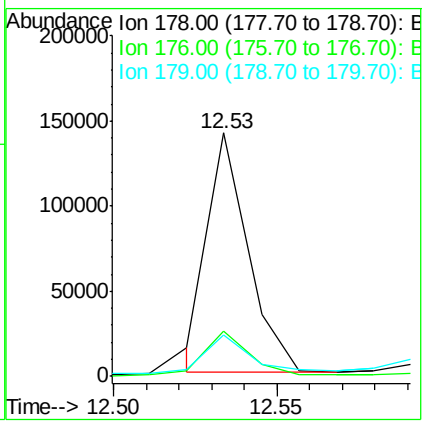


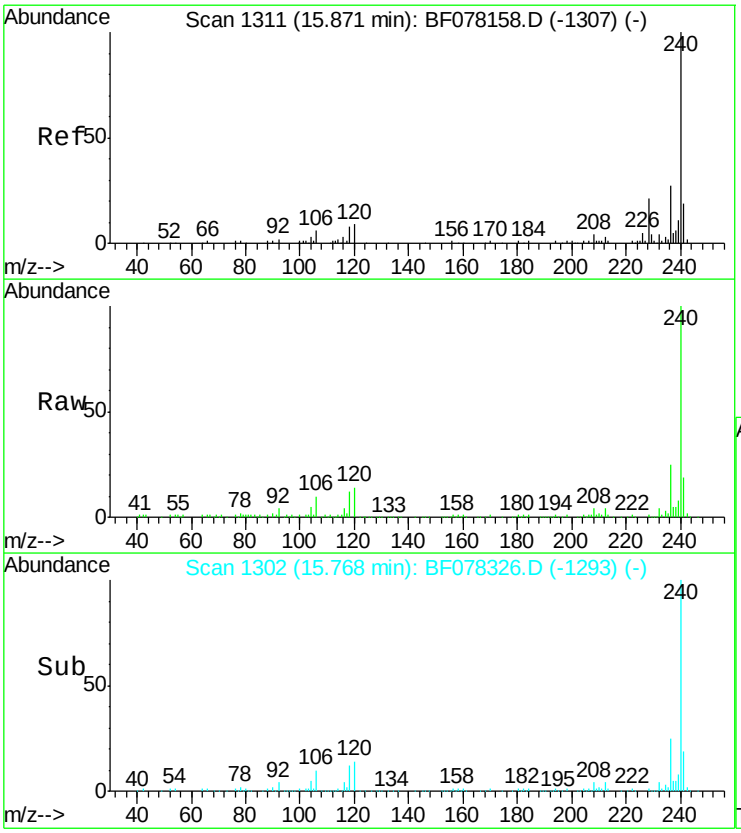
#71
Anthracene
Concen: 12.14 ng
RT: 12.53 min Scan# 1019
Delta R.T. -0.06 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:178 Resp: 119421

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	16.8	12.4	18.6

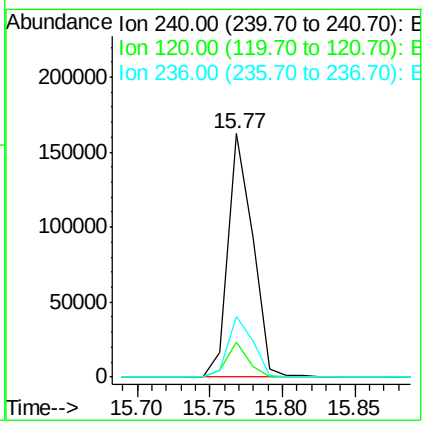


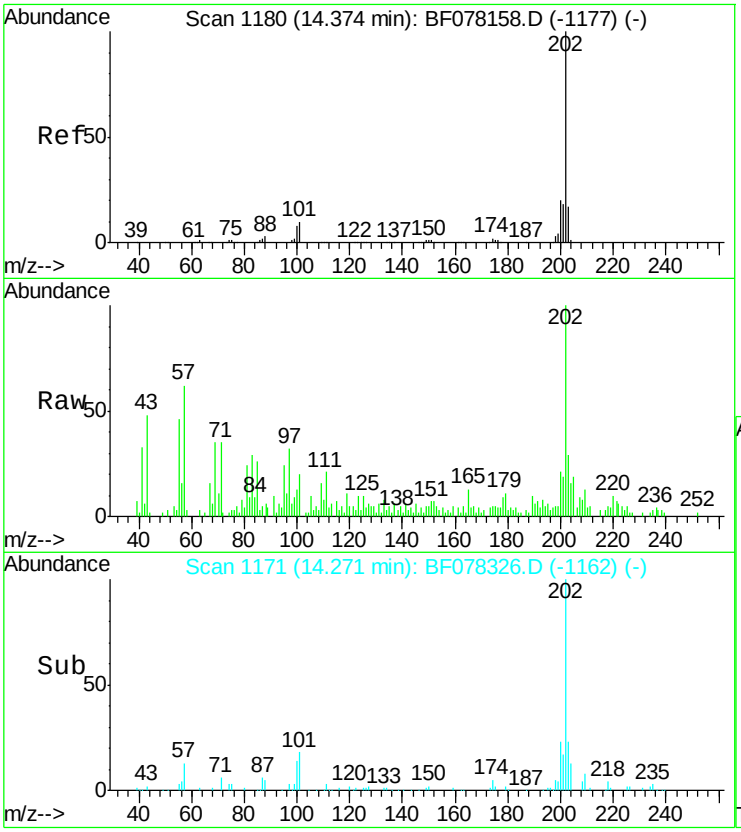


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:240 Resp: 192471

Ion	Ratio	Lower	Upper
240	100		
120	14.2	7.1	10.7#
236	24.9	21.4	32.2



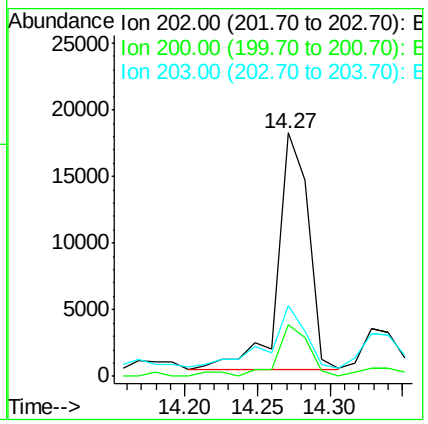


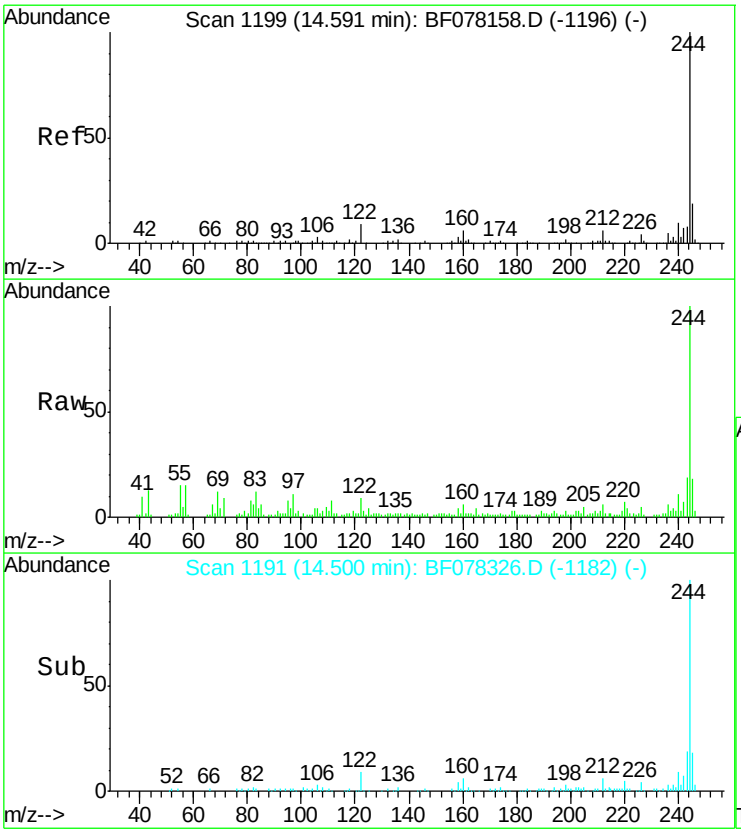
#77
Pyrene
Concen: 2.19 ng
RT: 14.27 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:202 Resp: 26424

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.3	24.5
203	28.9	13.8	20.6#

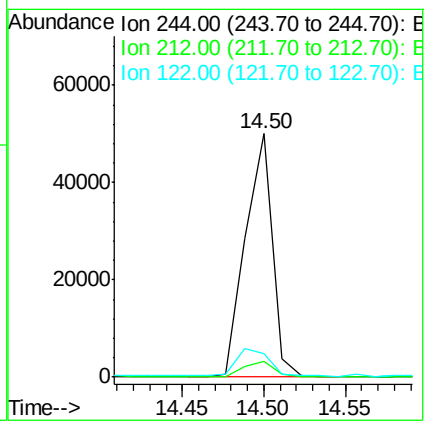


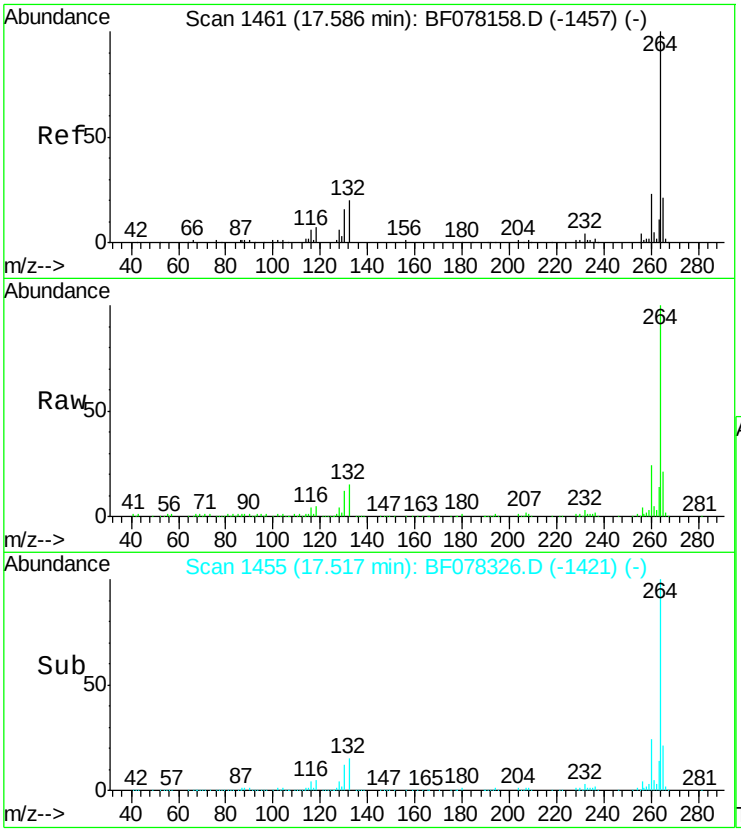


#78
Terphenyl-d14
Concen: 6.71 ng
RT: 14.50 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion:244 Resp: 57133

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	9.4	7.1	10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.52 min Scan# 1455
Delta R.T. 0.09 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tgt Ion:264 Resp: 193342

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	20.8	17.0	25.6