Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090961.D
Acq On : 1 Nov 2016 19:59
Operator : UM/SJ
Sample : H5502-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-82-4.5-5.0

Quant Time: Nov 01 23:55:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	153127	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	512233	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	287975	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	382366	20.00	ng	0.01
75) Chrysene-d12	13.91	240	411279	20.00	ng	0.00
86) Perylene-d12	15.29	264	320787	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1187137	135.55	ng	0.00
7) Phenol-d6	6.38	99	825350	69.85	ng	-0.01
23) Nitrobenzene-d5	7.31	82	936390	119.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	311447	105.24	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	960075	58.54	ng	0.00
78) Terphenyl-d14	12.87	244	1059870	64.92	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	32844	5.38	ng	# 1
15) Benzyl Alcohol	6.90	79	24199	3.12	ng	# 22
19) n-Nitroso-di-n-propylamine	7.20	70	468551	68.59	ng	# 36
22) Acetophenone	7.15	105	38283	3.63	ng	# 1
25) Isophorone	7.56	82	51134	3.22	ng	# 1
33) 4-Chloroaniline	8.06	127	41202	4.26	ng	# 66
35) Caprolactam	8.52	113	207112	100.39	ng	93
42) 2,4,6-Trichlorophenol	9.05	196	11110	2.18	ng	# 13
43) 2,4,5-Trichlorophenol	9.05	196	11110	2.11	ng	# 1
45) 1,1'-Biphenyl	9.22	154	53903	2.60	ng	# 30
49) Dimethylphthalate	9.50	163	366671	19.06	ng	# 93
50) 2,6-Dinitrotoluene	9.56	165	12880	3.03	ng	# 65
52) 3-Nitroaniline	9.74	138	27460	6.07	ng	# 71
55) 4-Nitrophenol	10.00	139	17451	6.33	ng	# 1
56) 2,4-Dinitrotoluene	9.97	165	18929	3.59	ng	# 55
57) Fluorene	10.35	166	39406	2.27	ng	# 1
61) 4-Nitroaniline	10.43	138	18462	4.12	ng	# 1
65) n-Nitrosodiphenylamine	10.45	169	58261	4.97	ng	# 57
66) 4-Bromophenyl-phenylether	10.82	248	11849	2.83	ng	# 1
68) Atrazine	11.00	200	22151	6.11	ng	# 1
69) Pentachlorophenol	11.13	266	5683	2.14	ng	# 27
70) Phenanthrene	11.30	178	80984	4.16	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.89	149	41075	2.67	ng	# 92

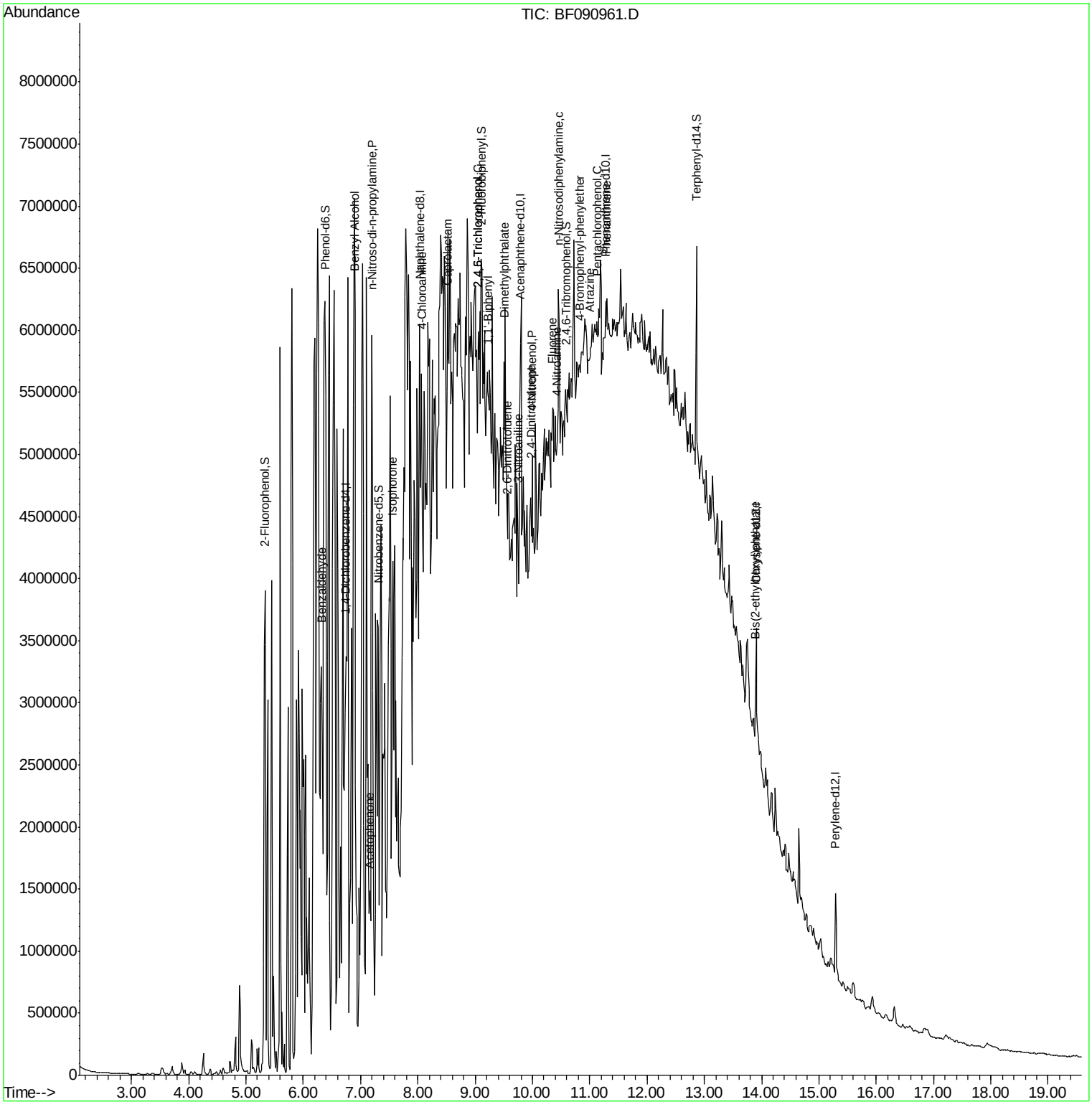
(#) = qualifier out of range (m) = manual integration (+) = signals summed

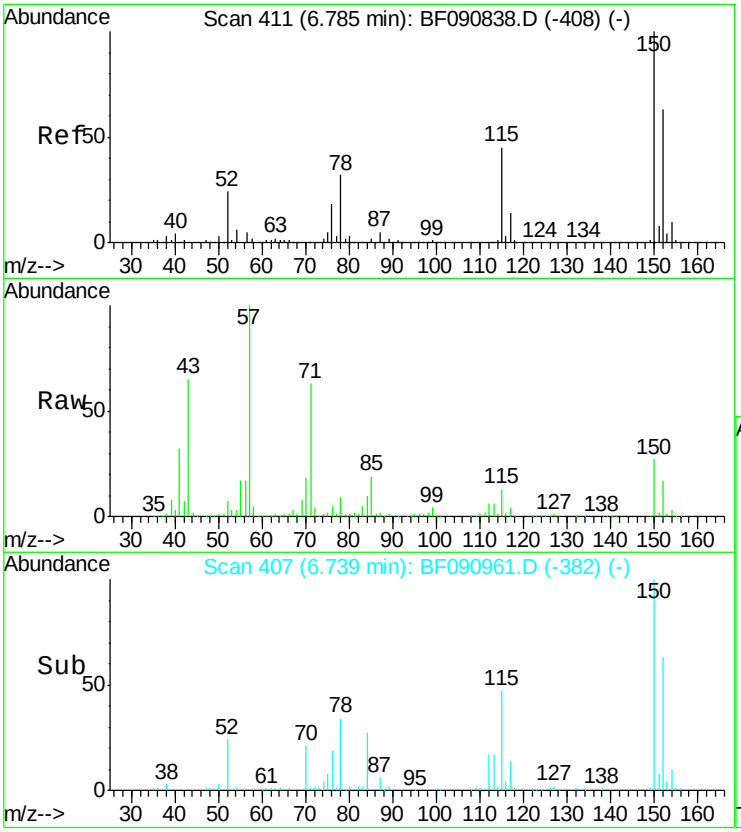
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090961.D
Acq On : 1 Nov 2016 19:59
Operator : UM/SJ
Sample : H5502-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Quant Time: Nov 01 23:55:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration



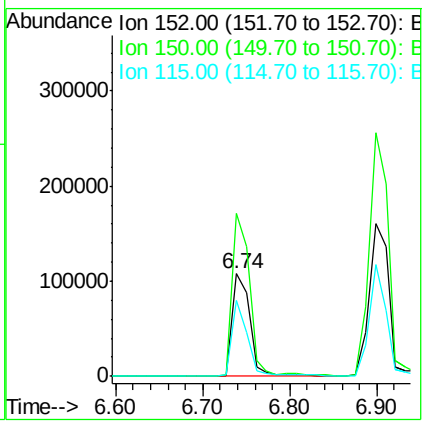


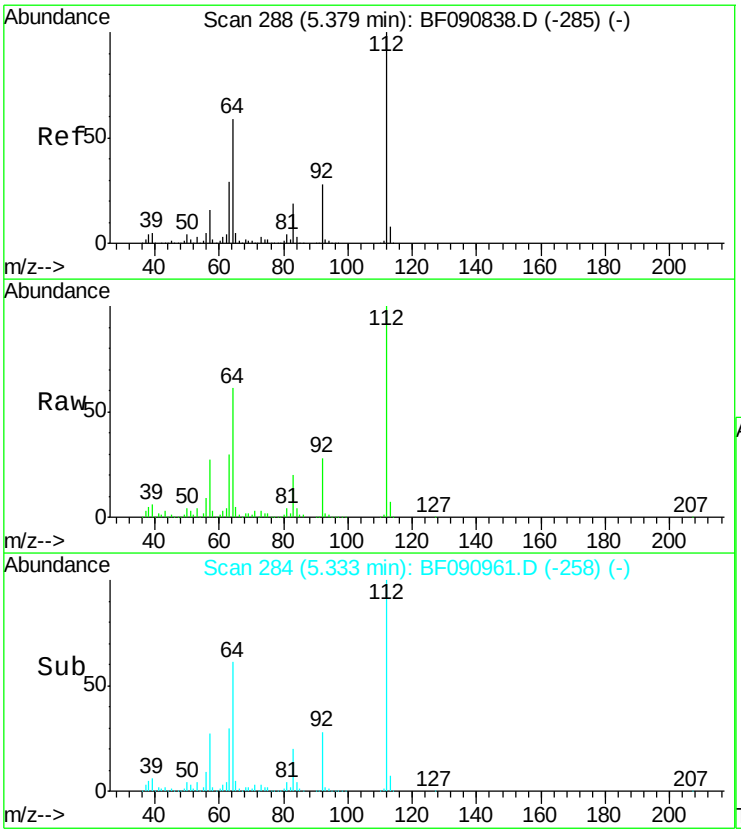
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:152 Resp: 153127

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.7	187.1
115	74.3	39.0	58.4#

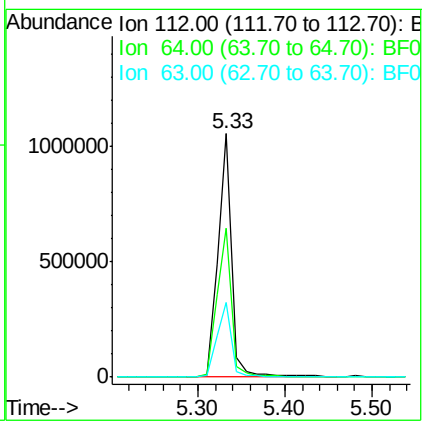


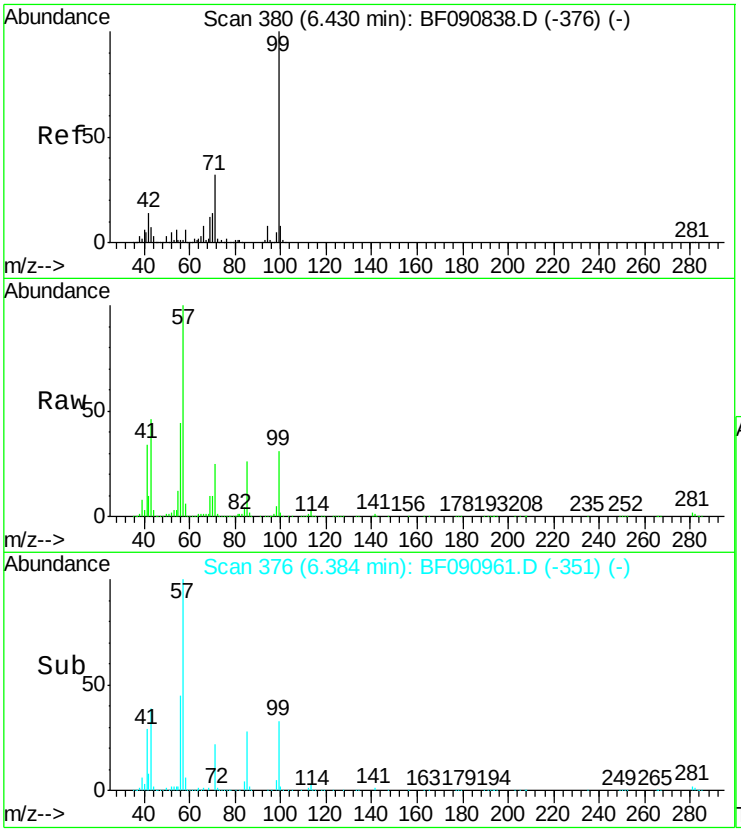


#5
2-Fluorophenol
Concen: 135.55 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:112 Resp: 1187137

Ion	Ratio	Lower	Upper
112	100		
64	61.0	39.7	59.5#
63	30.5	17.4	26.0#



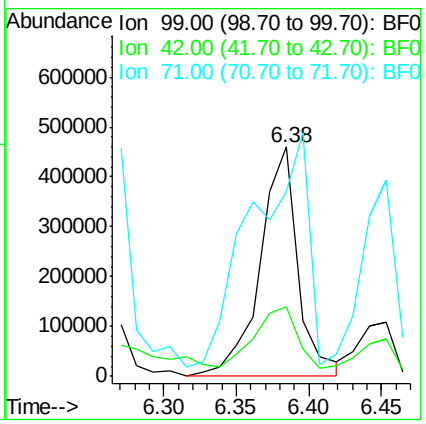


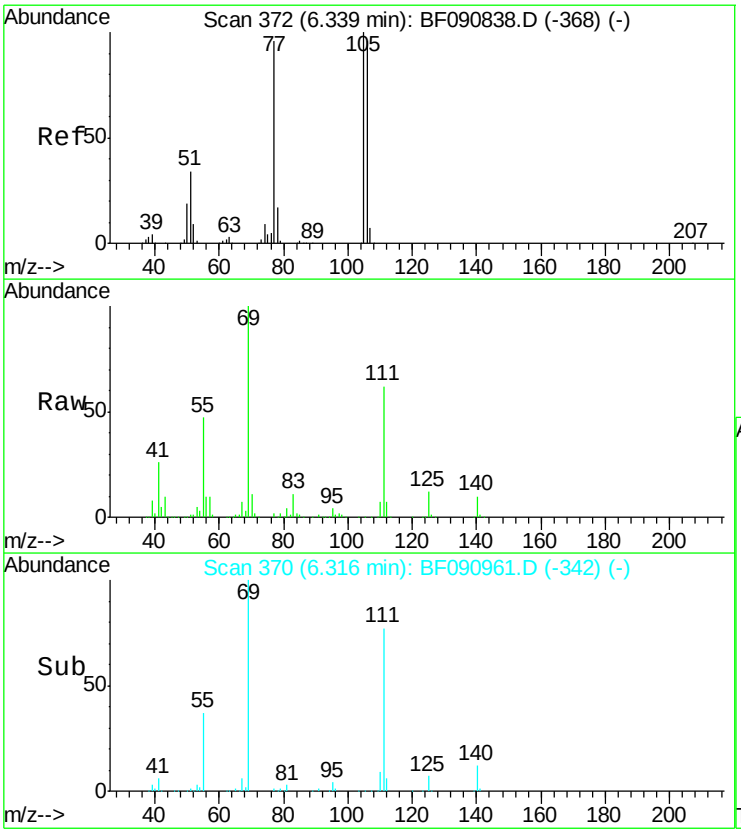
#7
Phenol-d6
Concen: 69.85 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion: 99 Resp: 825350

Ion	Ratio	Lower	Upper
99	100		
42	30.6	13.7	20.5#
71	80.5	14.2	21.2#

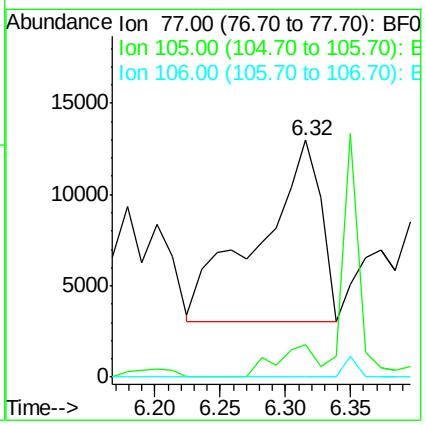


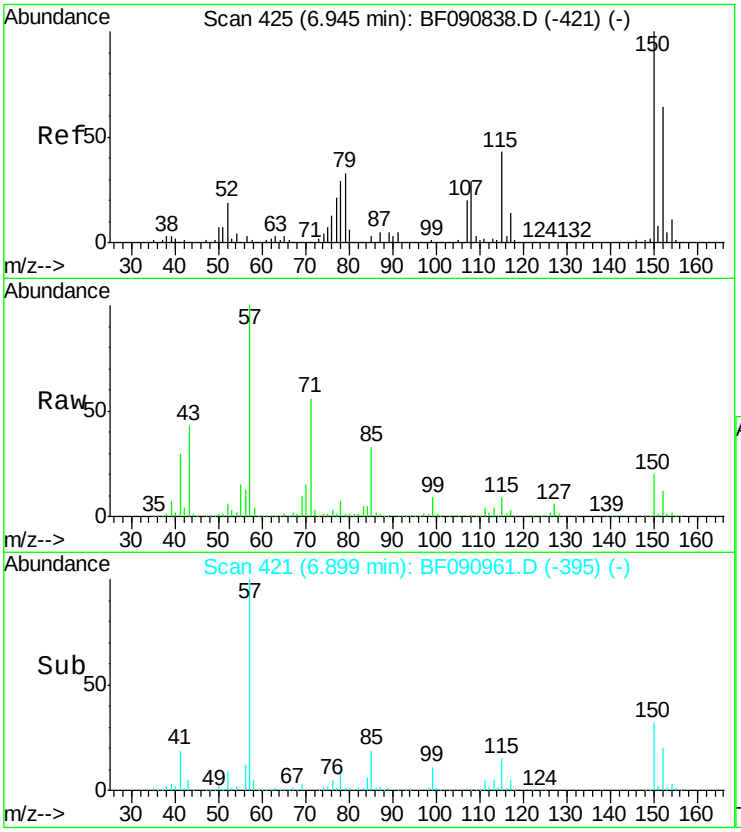


#9
Benzaldehyde
Concen: 5.38 ng
RT: 6.32 min Scan# 370
Delta R.T. 0.02 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion: 77 Resp: 32844

Ion	Ratio	Lower	Upper
77	100		
105	13.8	91.6	131.6#
106	0.0	102.6	142.6#



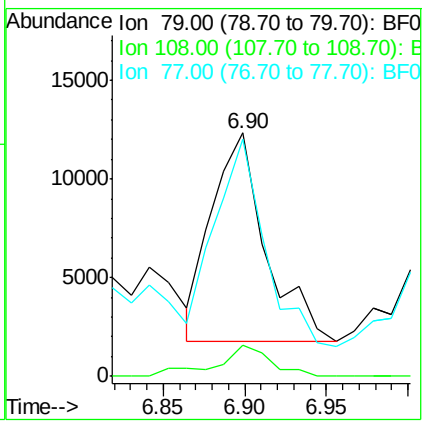


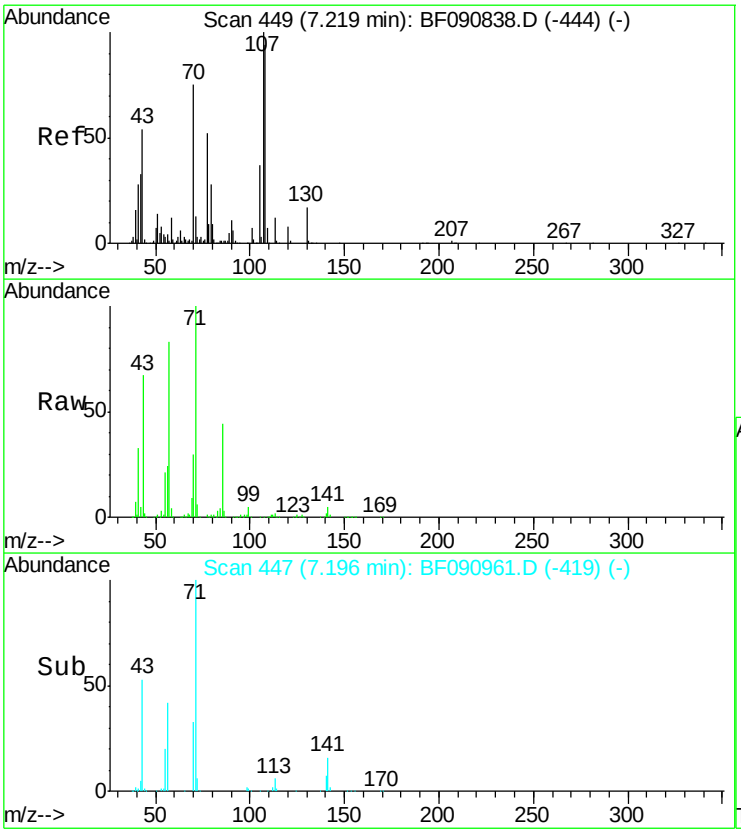
#15
Benzyl Alcohol
Concen: 3.12 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion: 79 Resp: 24199

Ion	Ratio	Lower	Upper
79	100		
108	12.8	88.6	132.8#
77	97.7	47.0	70.4#

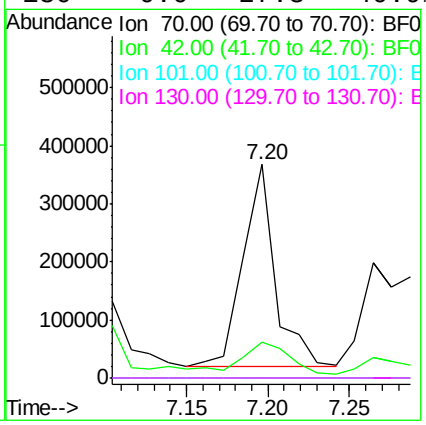


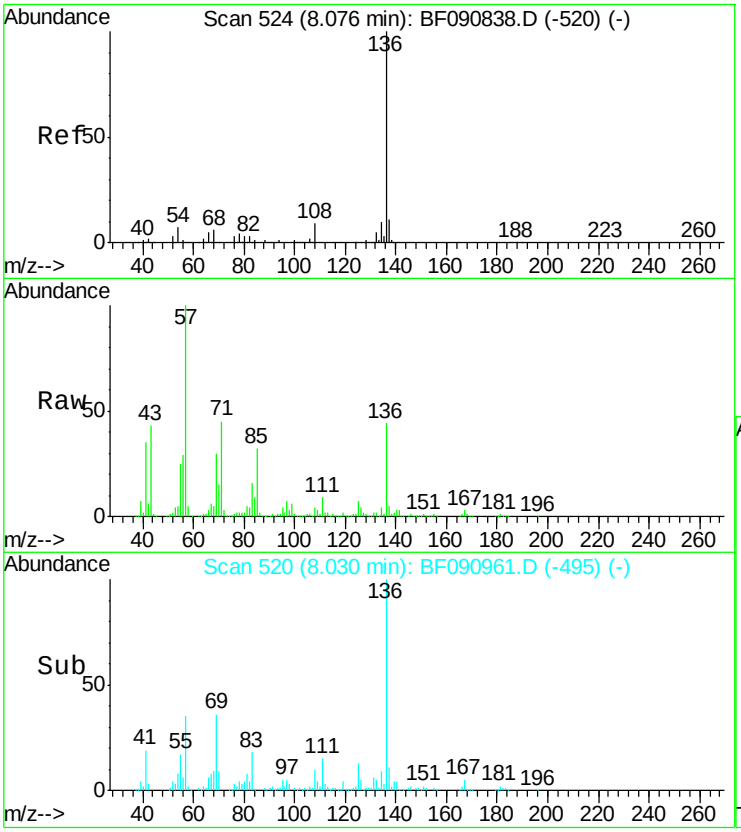


#19
n-Nitroso-di-n-propylamine
Concen: 68.59 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.02 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion: 70 Resp: 468551

Ion	Ratio	Lower	Upper
70	100		
42	17.0	63.8	95.6#
101	0.0	9.2	13.8#
130	0.0	27.3	40.9#



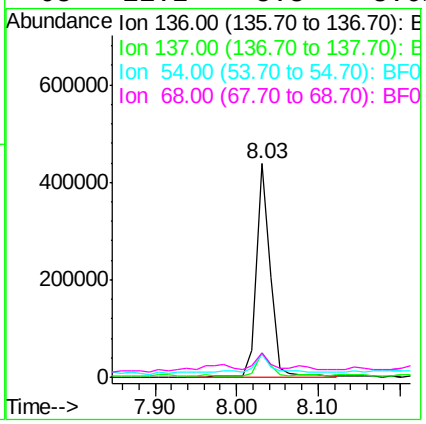


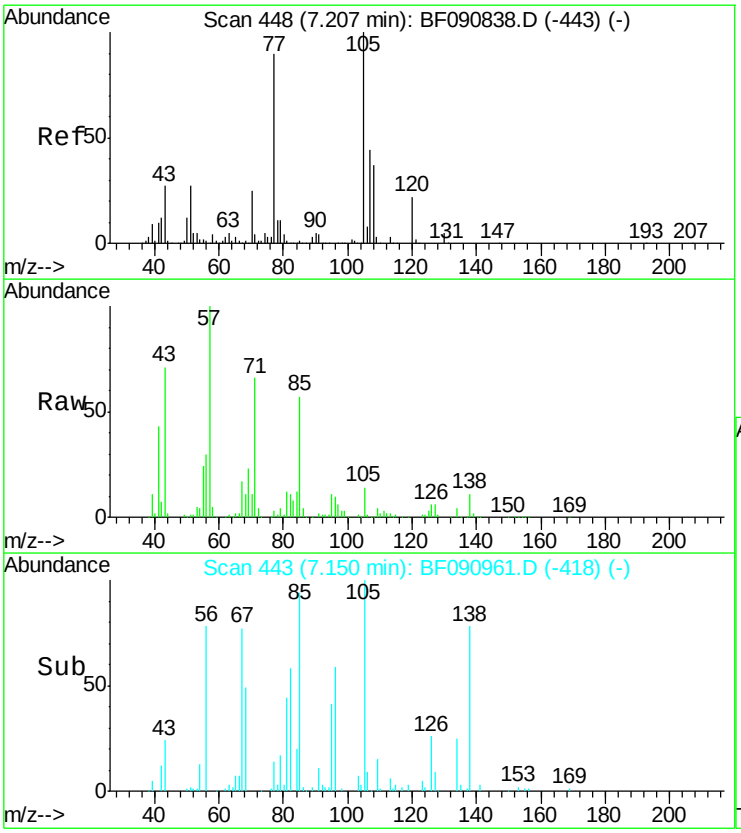
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:136 Resp: 512233

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.5	8.2	12.2
68	11.2	5.8	8.6#

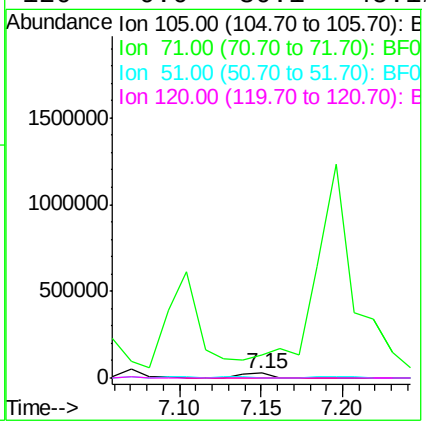


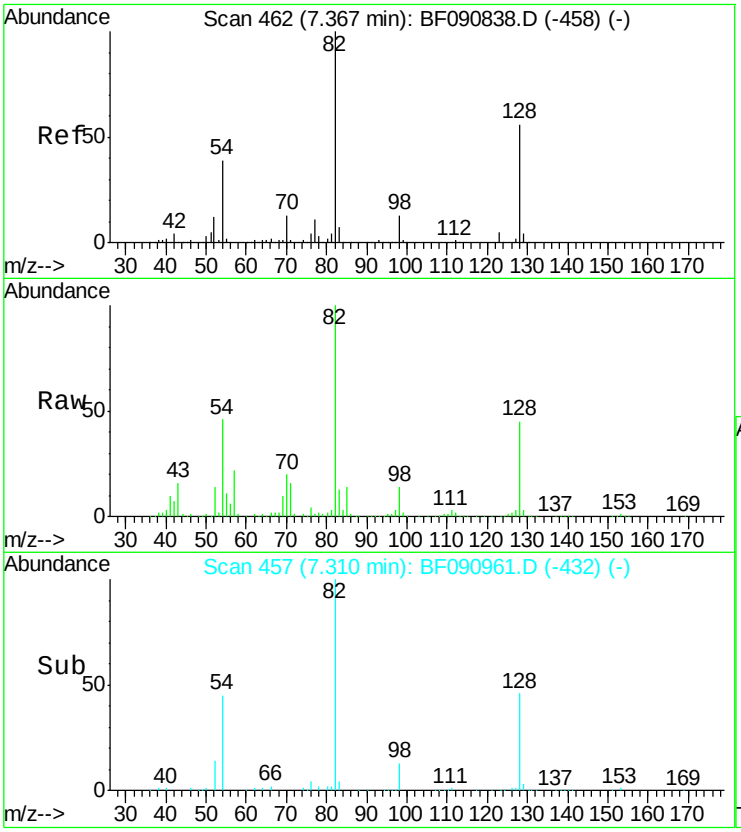


#22
Acetophenone
Concen: 3.63 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:105 Resp: 38283

Ion	Ratio	Lower	Upper
105	100		
71	457.8	4.7	7.1#
51	10.1	22.0	33.0#
120	0.0	30.1	45.1#



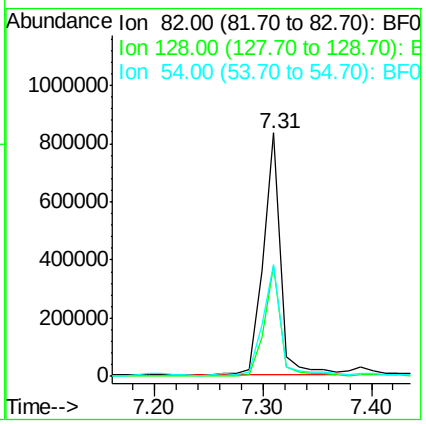


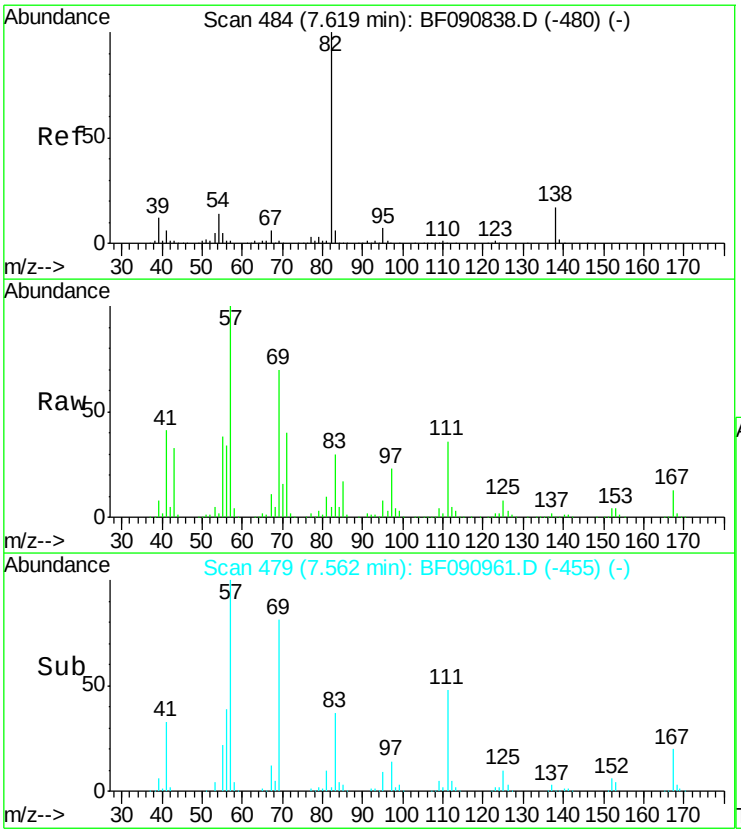
#23
Nitrobenzene-d5
Concen: 119.67 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion: 82 Resp: 936390

Ion	Ratio	Lower	Upper
82	100		
128	45.3	51.0	76.6#
54	45.9	47.5	71.3#

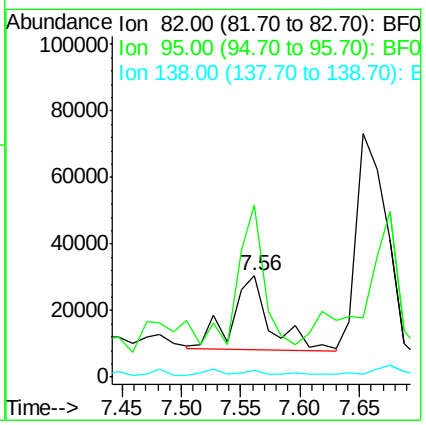


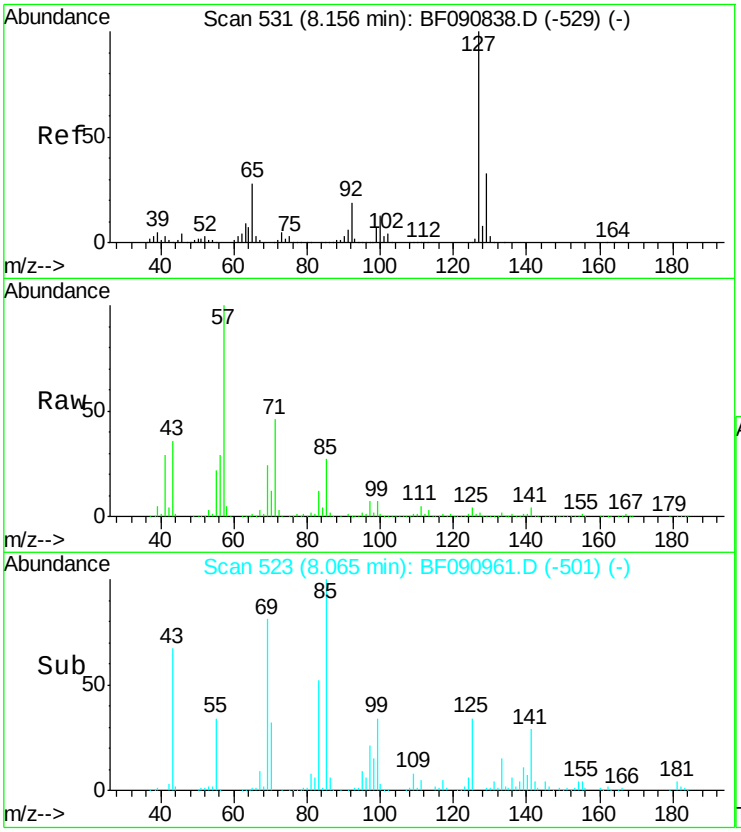


#25
Isophorone
Concen: 3.22 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion: 82 Resp: 51134

Ion	Ratio	Lower	Upper
82	100		
95	169.7	4.0	6.0#
138	6.5	18.3	27.5#



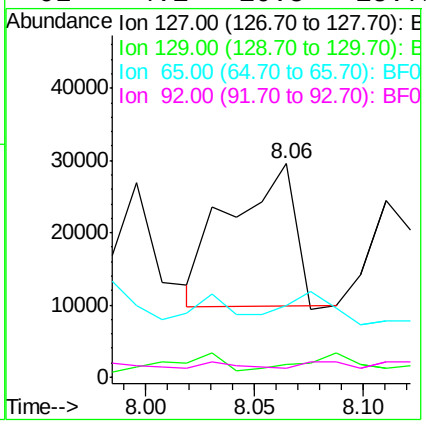


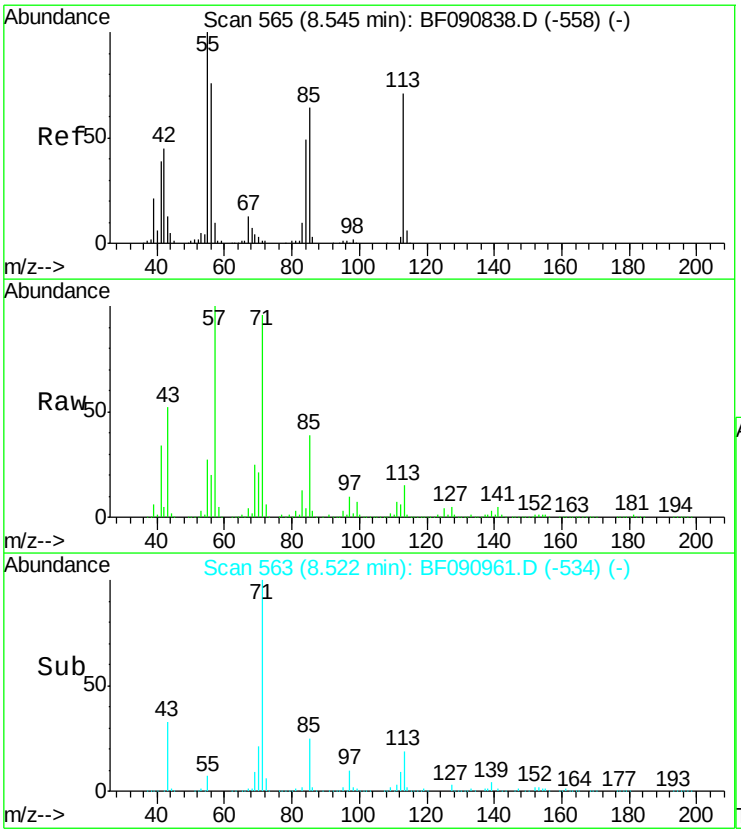
#33
4-Chloroaniline
Concen: 4.26 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:127 Resp: 41202

Ion	Ratio	Lower	Upper
127	100		
129	6.1	25.8	38.6#
65	33.5	17.9	26.9#
92	4.1	10.5	15.7#

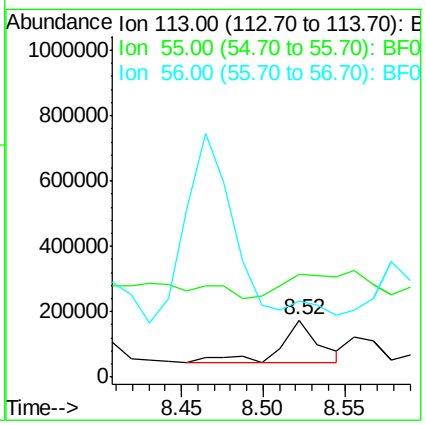


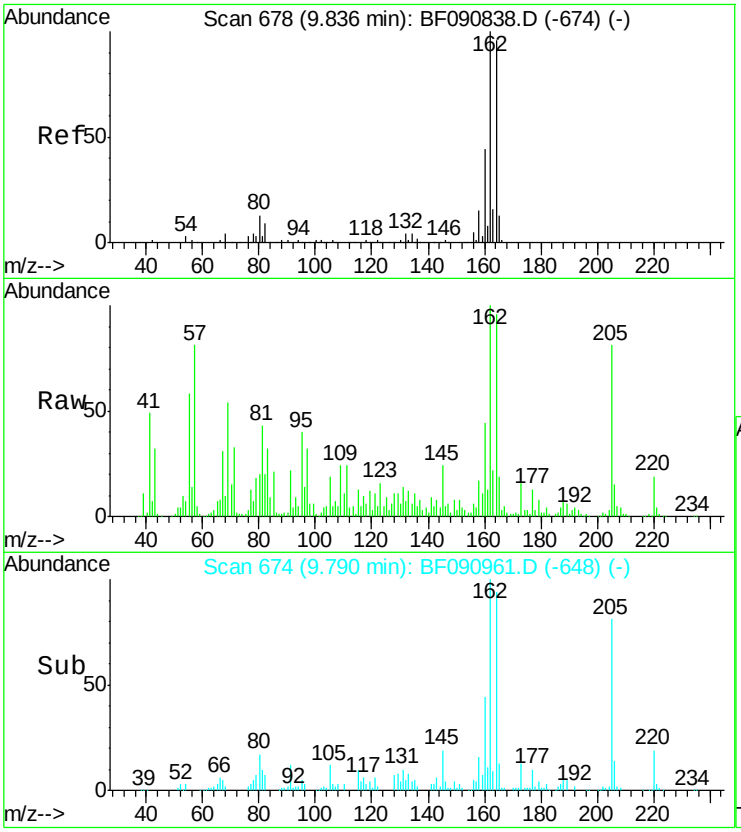


#35
Caprolactam
Concen: 100.39 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.03 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:113 Resp: 207112

Ion	Ratio	Lower	Upper
113	100		
55	181.3	152.4	192.4
56	133.6	104.6	144.6



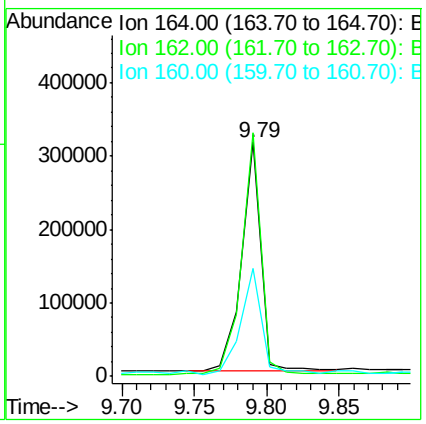


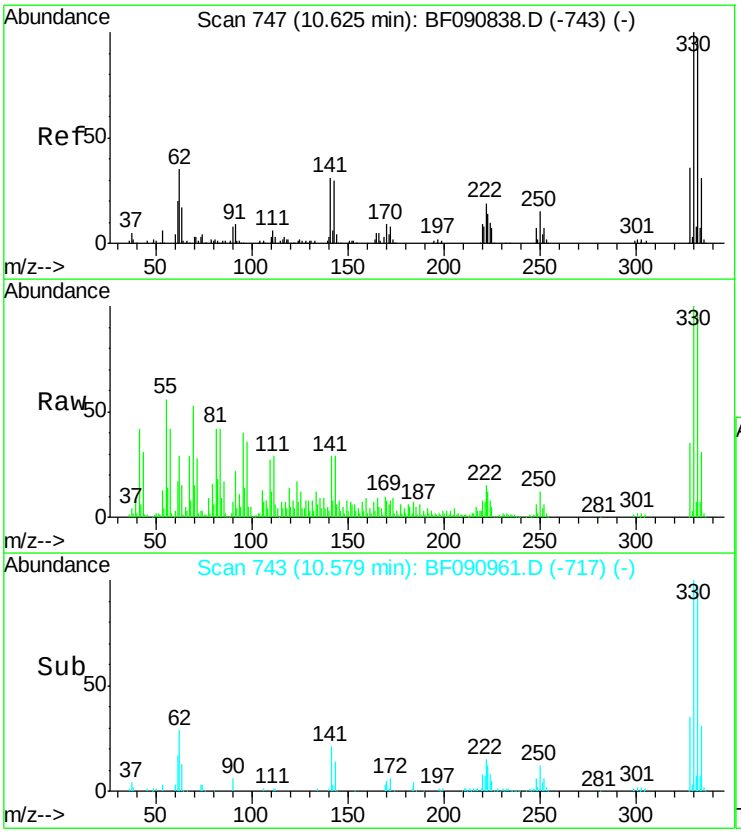
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:164 Resp: 287975

Ion	Ratio	Lower	Upper
164	100		
162	104.0	75.2	112.8
160	46.2	31.5	47.3

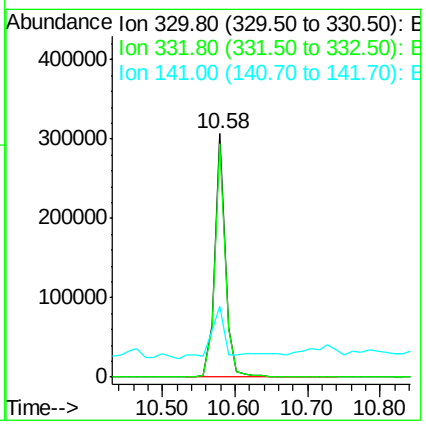


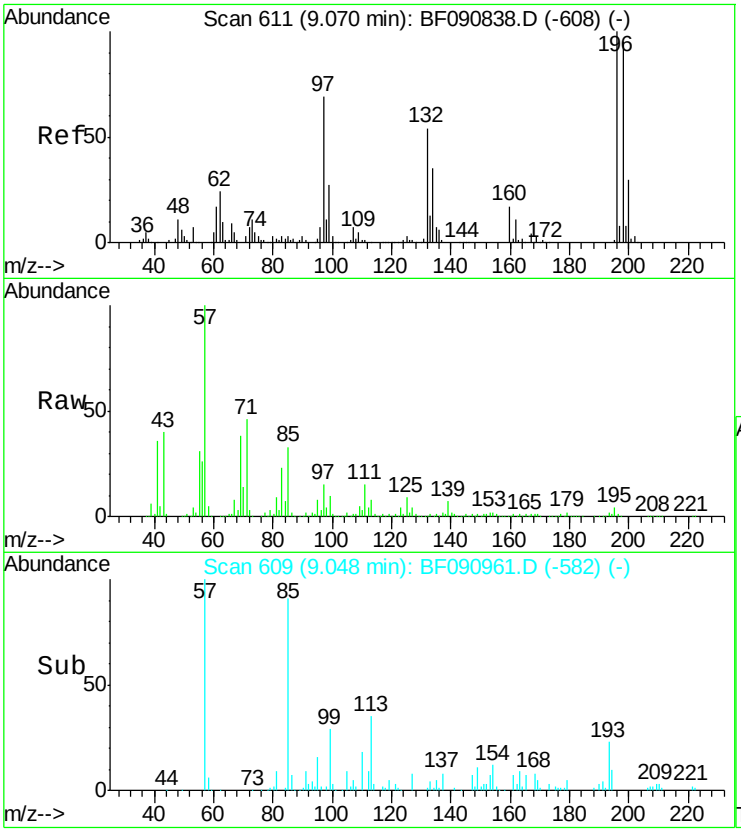


#41
2,4,6-Tribromophenol
Concen: 105.24 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:330 Resp: 311447

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	27.7	29.7	44.5#



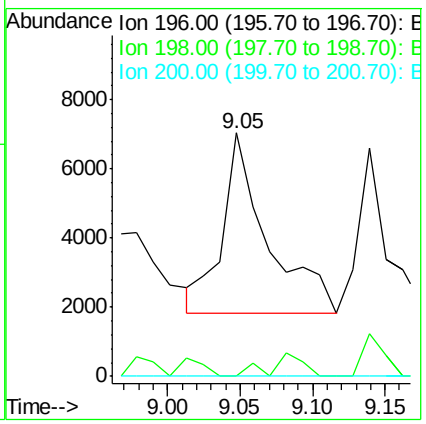


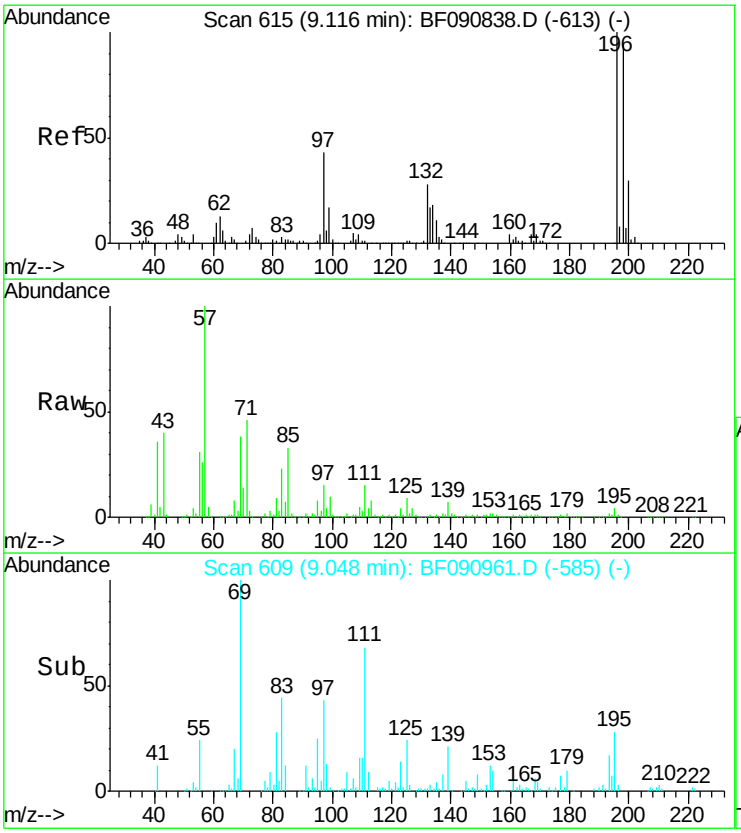
#42
2,4,6-Trichlorophenol
Concen: 2.18 ng
RT: 9.05 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:196 Resp: 11110

Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.7	113.5#
200	0.0	23.9	35.9#

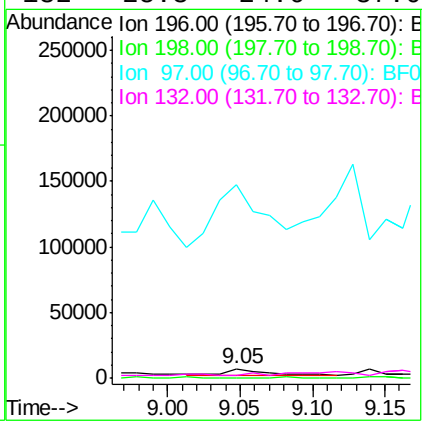


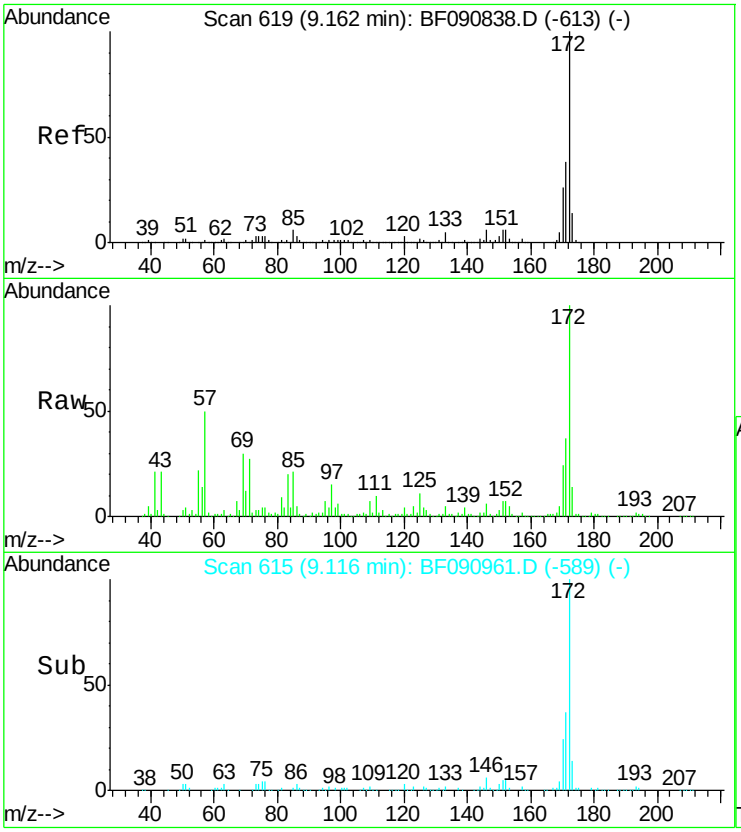


#43
2,4,5-Trichlorophenol
Concen: 2.11 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:196 Resp: 11110

Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.4	113.0#
97	2094.2	33.3	49.9#
132	25.3	24.6	37.0



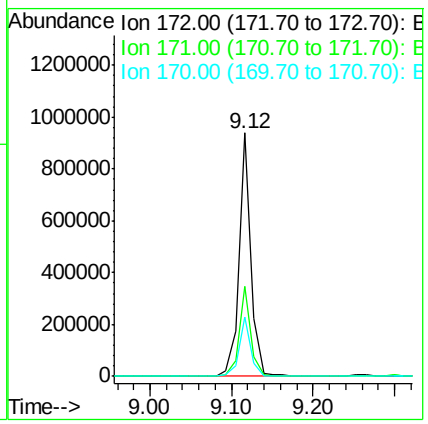


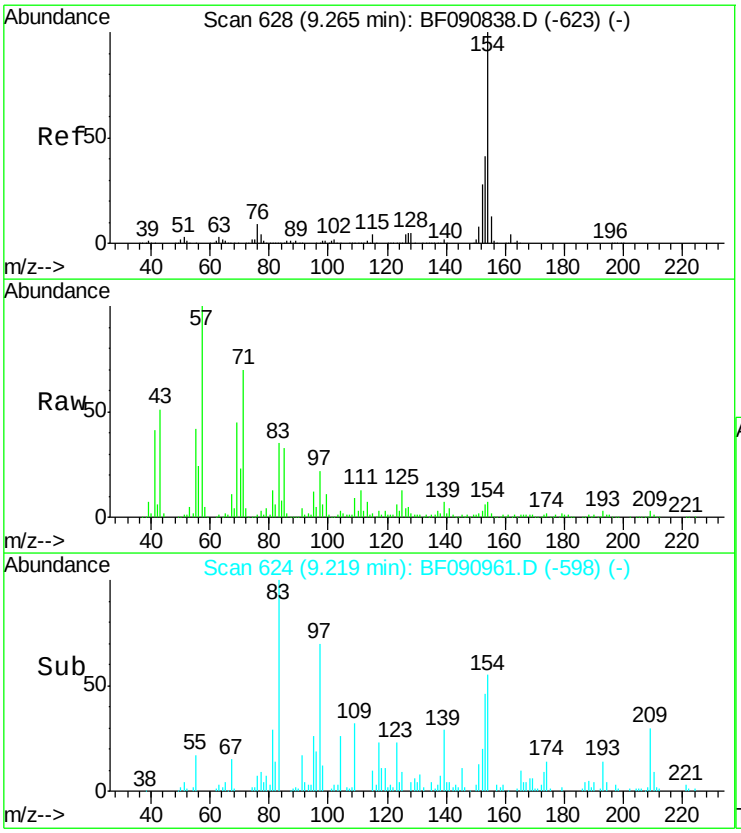
#44
2-Fluorobiphenyl
Concen: 58.54 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:172 Resp: 960075

Ion	Ratio	Lower	Upper
172	100		
171	36.7	26.1	39.1
170	24.4	17.4	26.2

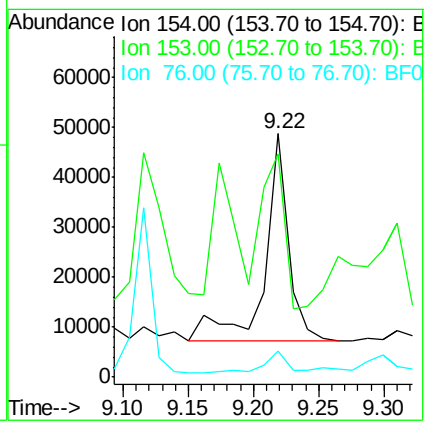


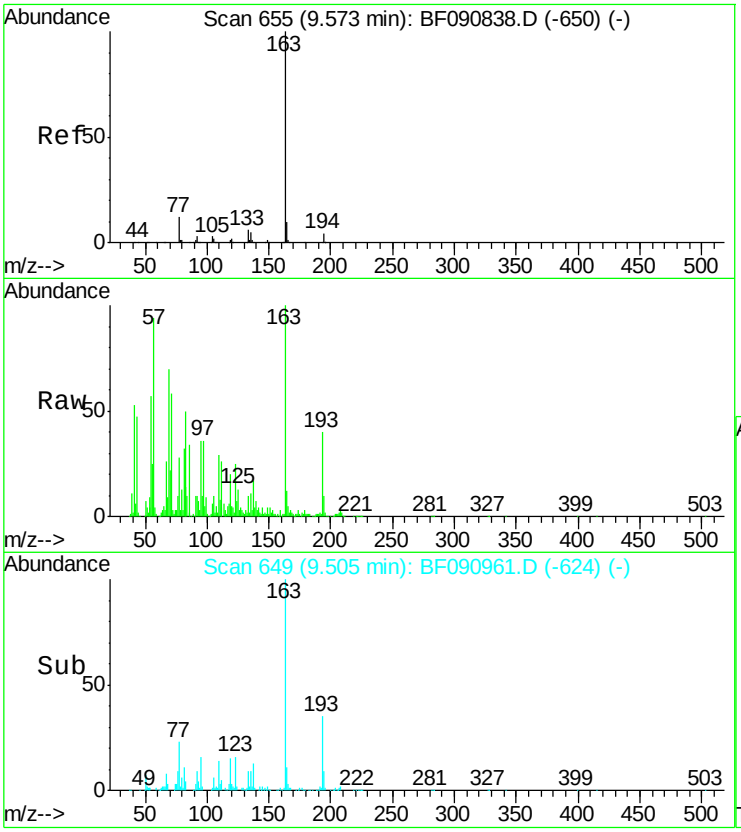


#45
1,1'-Biphenyl
Concen: 2.60 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:154 Resp: 53903

Ion	Ratio	Lower	Upper
154	100		
153	91.4	17.1	57.1#
76	10.5	0.0	31.6



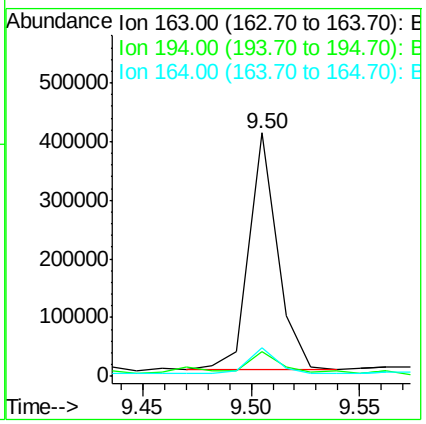


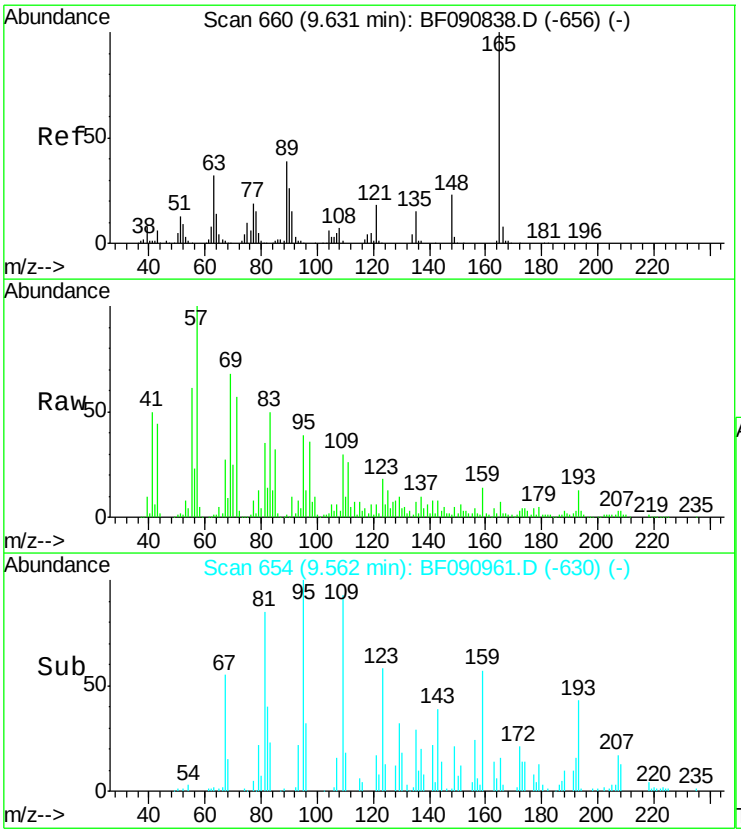
#49
Dimethylphthalate
Concen: 19.06 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:163 Resp: 366671

Ion	Ratio	Lower	Upper
163	100		
194	10.3	4.4	6.6#
164	11.5	8.3	12.5

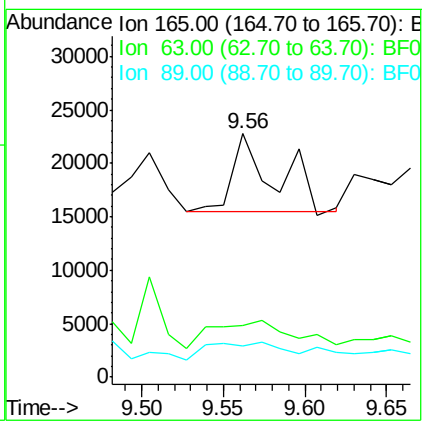


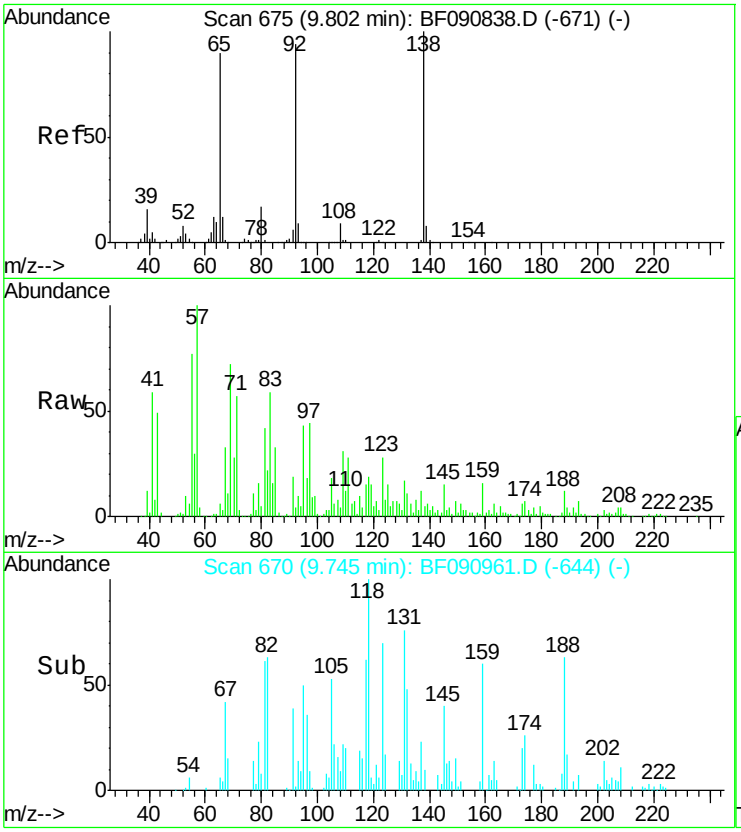


#50
2,6-Dinitrotoluene
Concen: 3.03 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:165 Resp: 12880

Ion	Ratio	Lower	Upper
165	100		
63	21.3	32.3	48.5#
89	12.6	28.6	43.0#



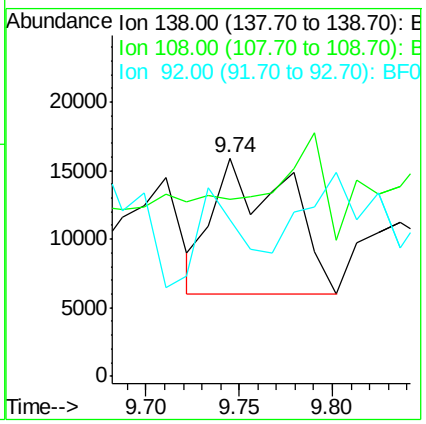


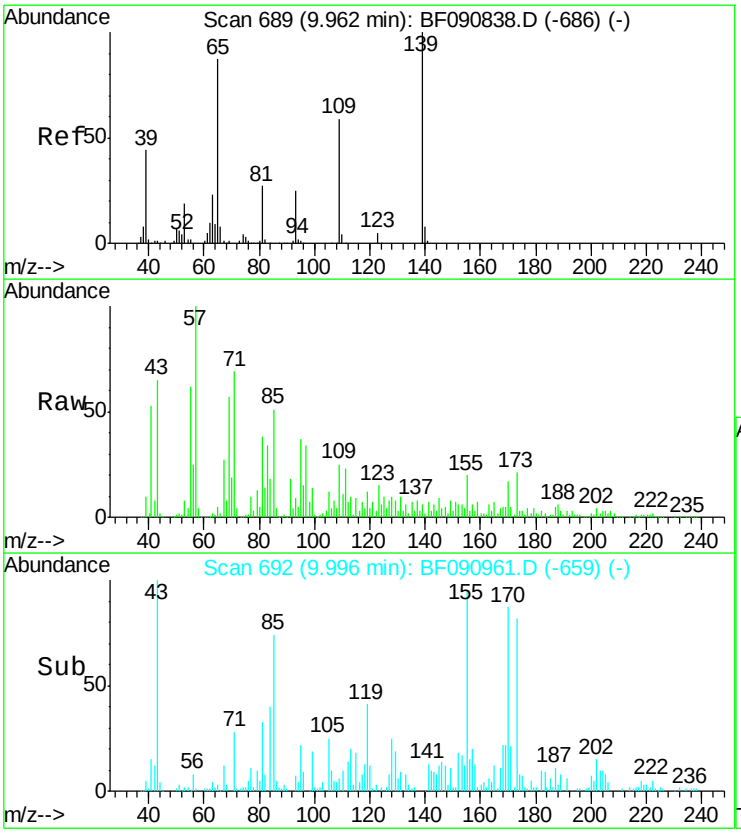
#52
3-Nitroaniline
Concen: 6.07 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:138 Resp: 27460

Ion	Ratio	Lower	Upper
138	100		
108	80.9	5.7	8.5#
92	72.0	67.7	101.5

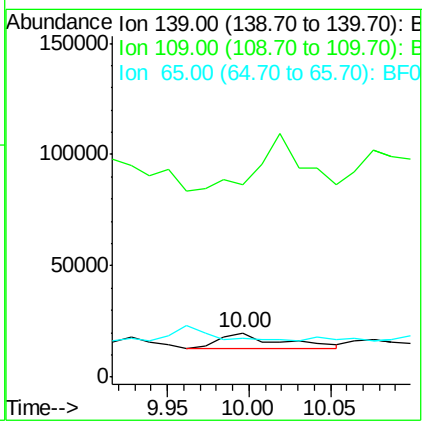


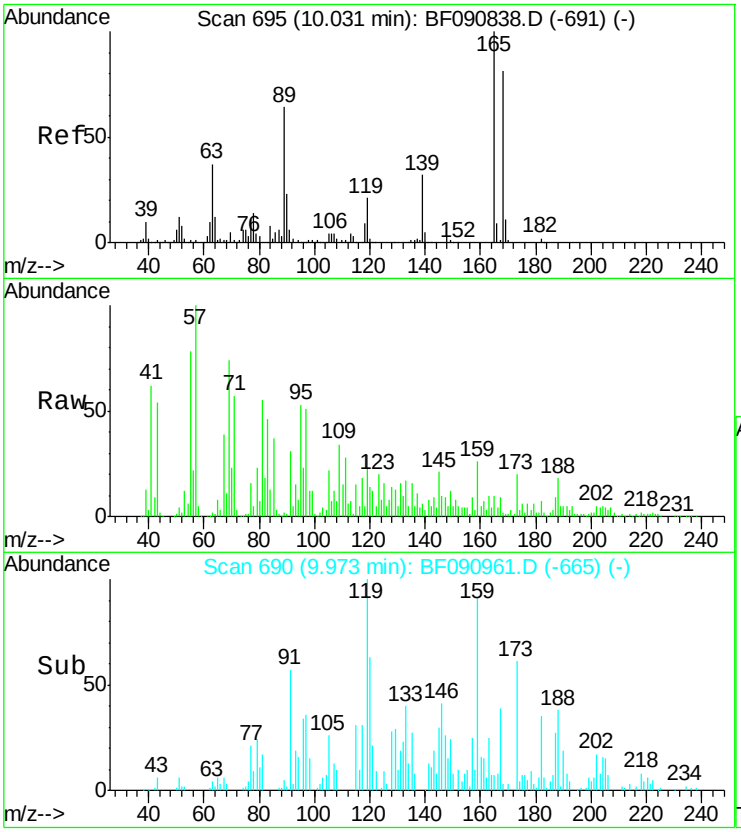


#55
4-Nitrophenol
Concen: 6.33 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.08 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:139 Resp: 17451

Ion	Ratio	Lower	Upper
139	100		
109	434.0	12.7	52.7#
65	86.6	45.9	85.9#



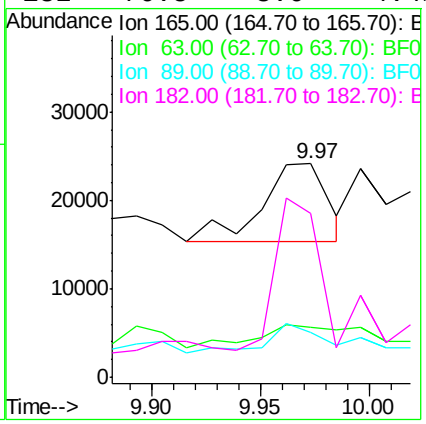


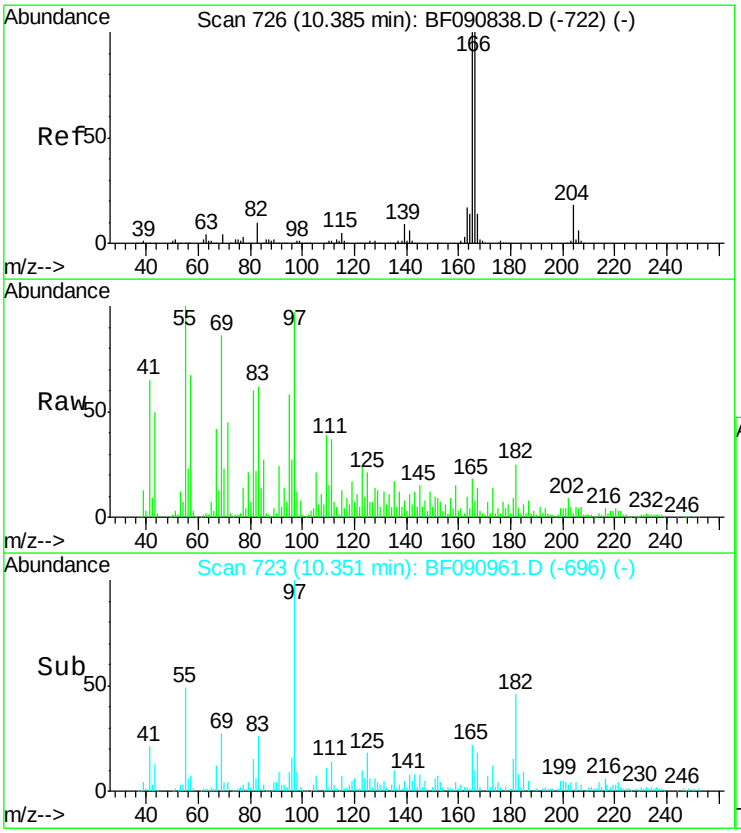
#56
2,4-Dinitrotoluene
Concen: 3.59 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:165 Resp: 18929

Ion	Ratio	Lower	Upper
165	100		
63	23.1	29.8	44.6#
89	21.1	44.5	66.7#
182	76.5	3.0	4.4#

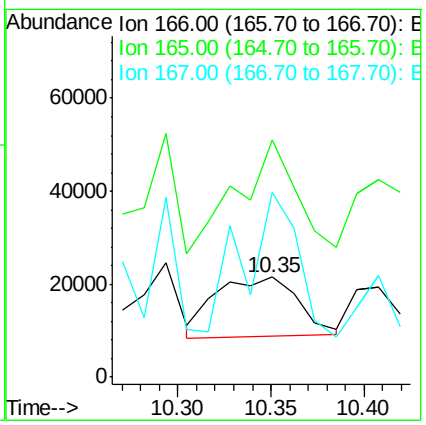


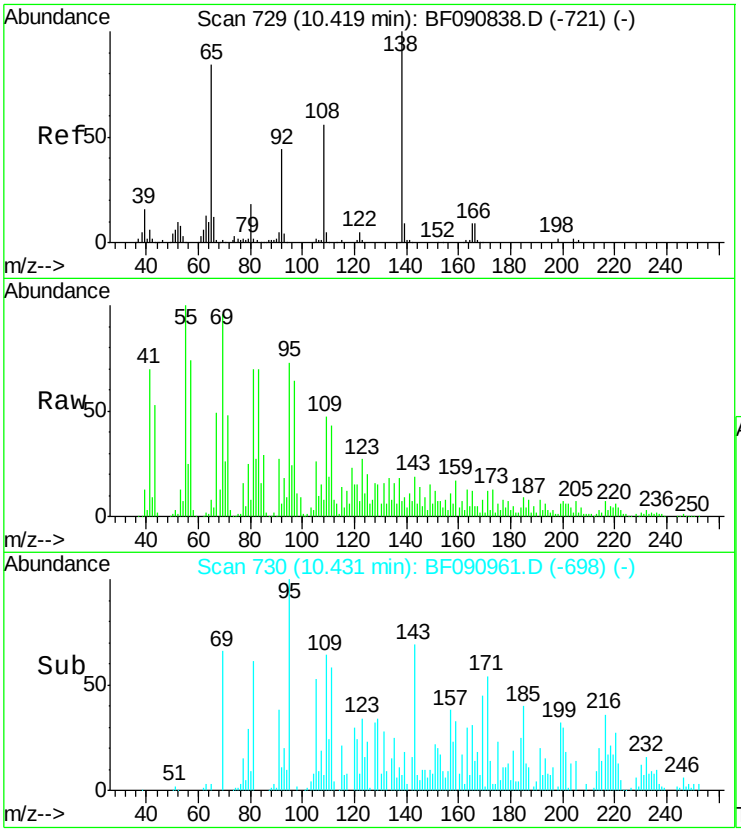


#57
Fluorene
Concen: 2.27 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:166 Resp: 39406

Ion	Ratio	Lower	Upper
166	100		
165	236.9	72.6	109.0#
167	184.3	10.6	16.0#



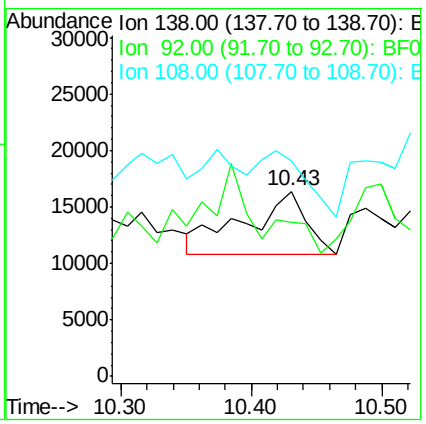


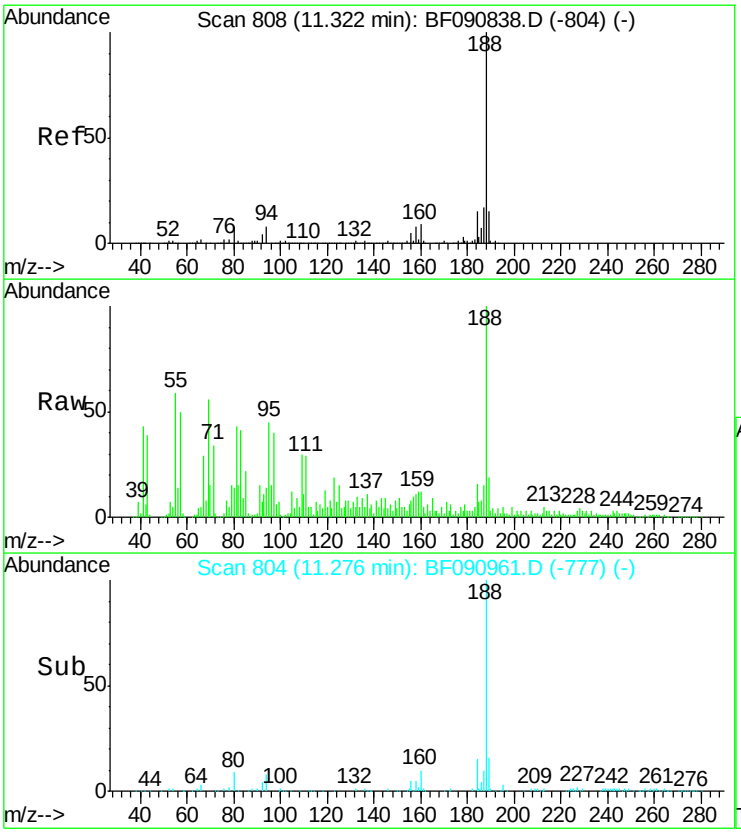
#61
4-Nitroaniline
Concen: 4.12 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.07 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:138 Resp: 18462

Ion	Ratio	Lower	Upper
138	100		
92	83.1	12.6	52.6#
108	116.7	12.4	52.4#

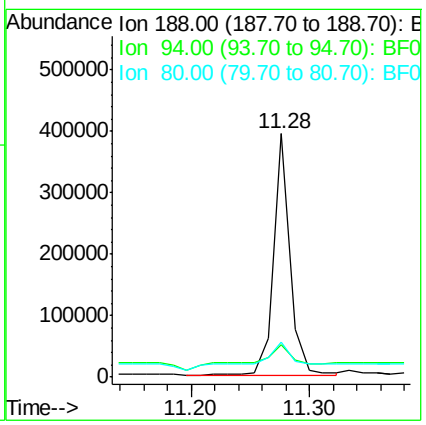


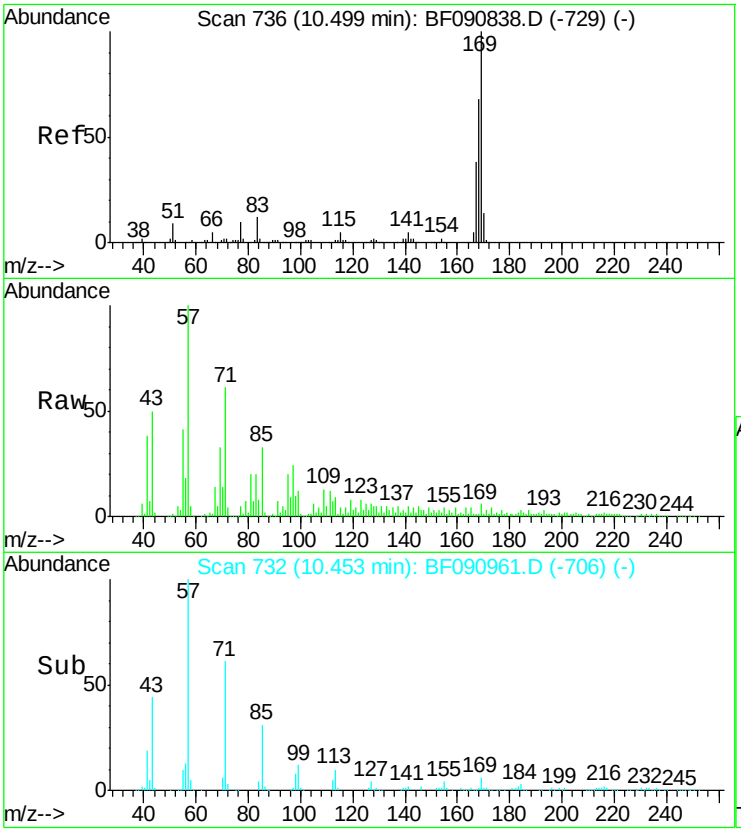


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:188 Resp: 382366

Ion	Ratio	Lower	Upper
188	100		
94	13.6	11.1	16.7
80	14.2	11.0	16.4



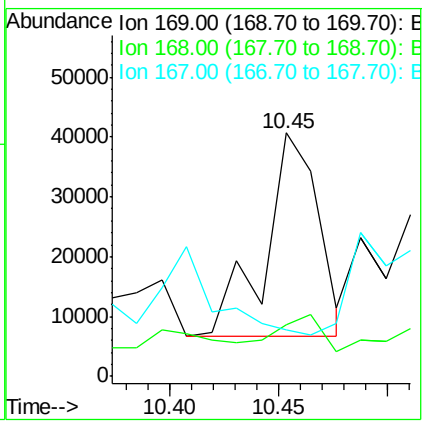


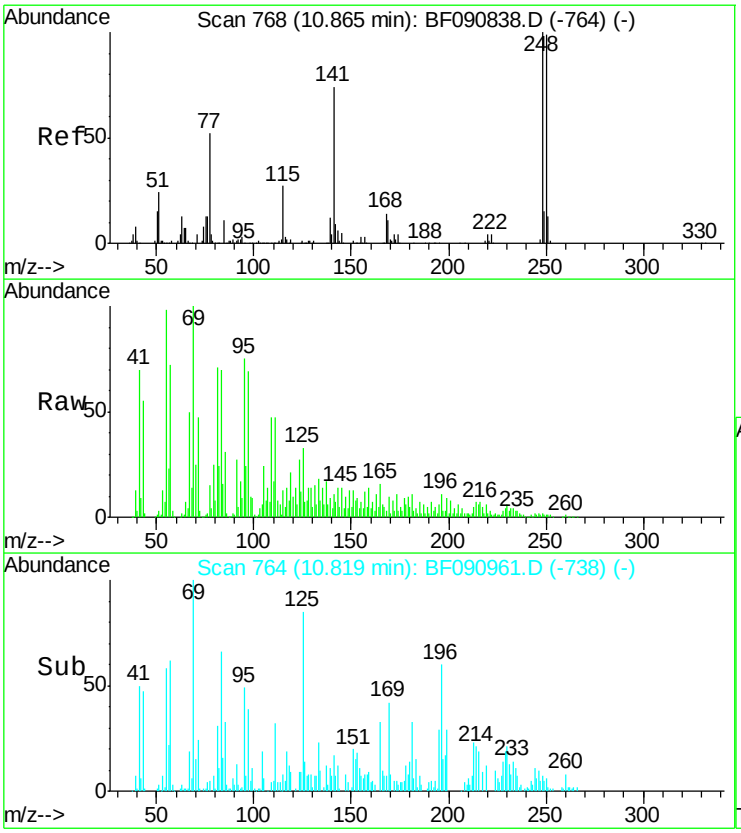
#65
n-Nitrosodiphenylamine
Concen: 4.97 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:169 Resp: 58261

Ion	Ratio	Lower	Upper
169	100		
168	21.1	48.9	73.3#
167	18.9	26.2	39.4#

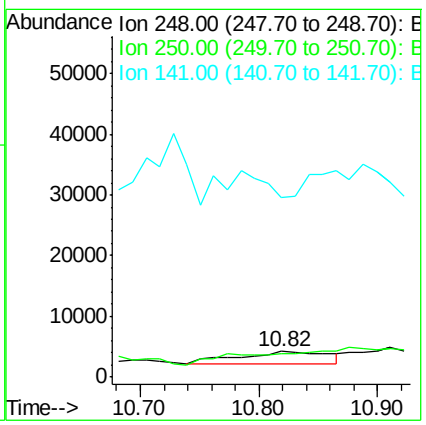


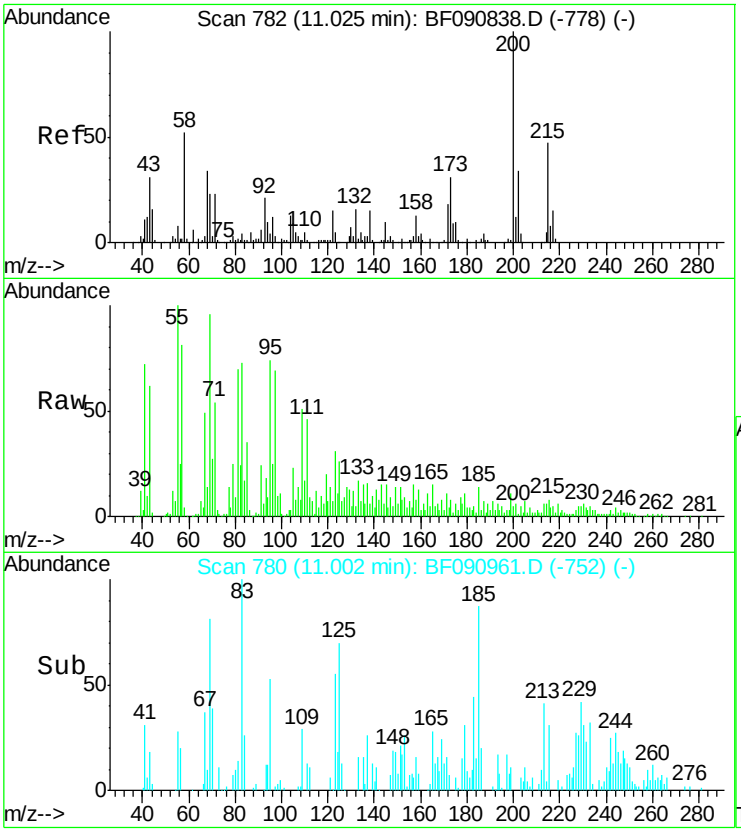


#66
4-Bromophenyl-phenylether
Concen: 2.83 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:248 Resp: 11849

Ion	Ratio	Lower	Upper
248	100		
250	93.9	78.5	117.7
141	709.7	59.0	88.6#



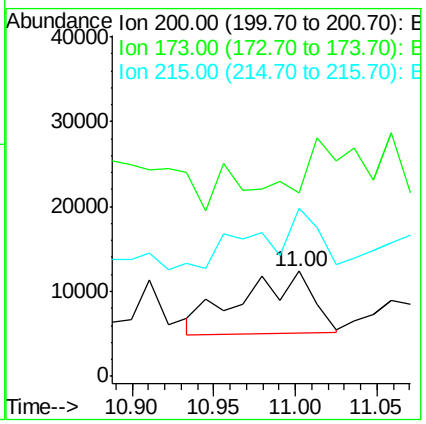


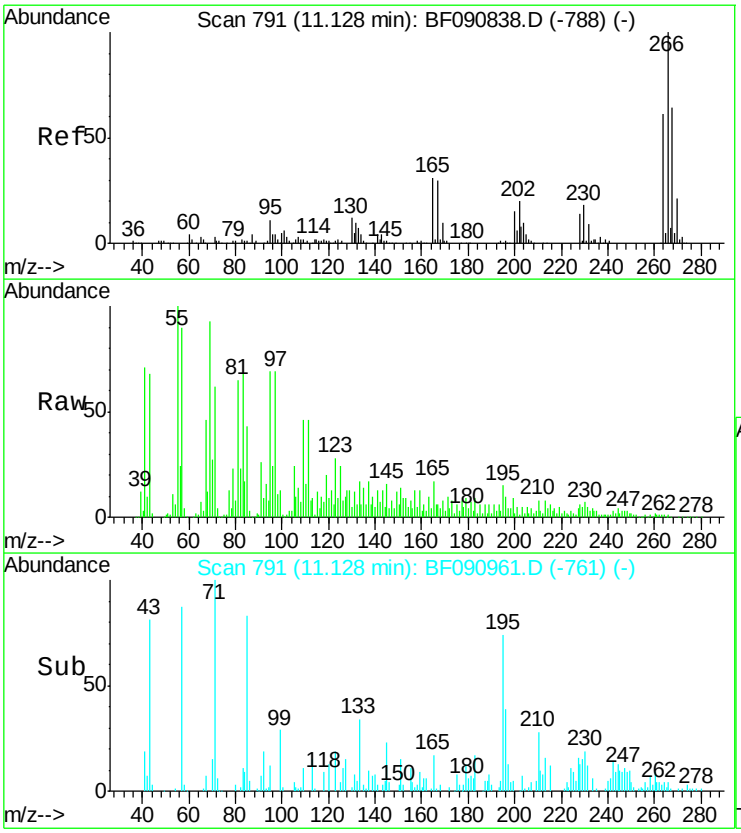
#68
Atrazine
Concen: 6.11 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.02 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:200 Resp: 22151

Ion	Ratio	Lower	Upper
200	100		
173	174.8	13.2	53.2#
215	159.8	41.8	81.8#

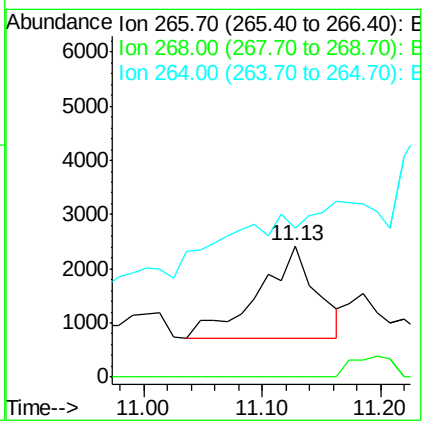


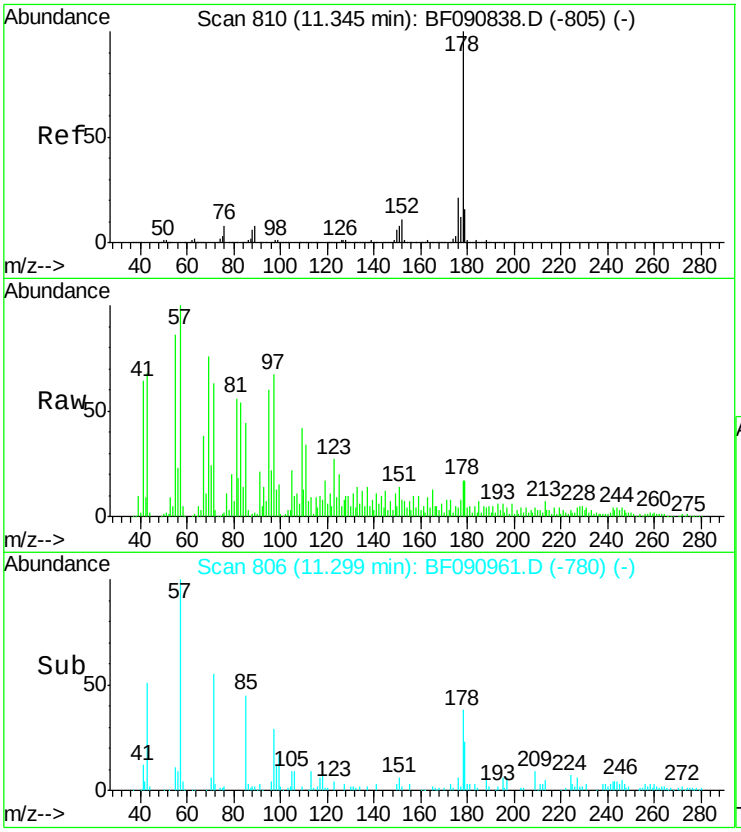


#69
Pentachlorophenol
Concen: 2.14 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.05 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:266 Resp: 5683

Ion	Ratio	Lower	Upper
266	100		
268	0.0	49.8	74.6#
264	113.8	50.2	75.2#



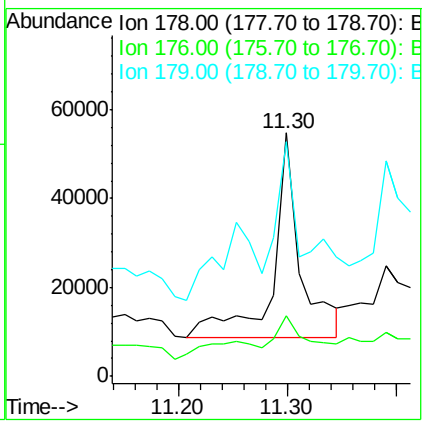


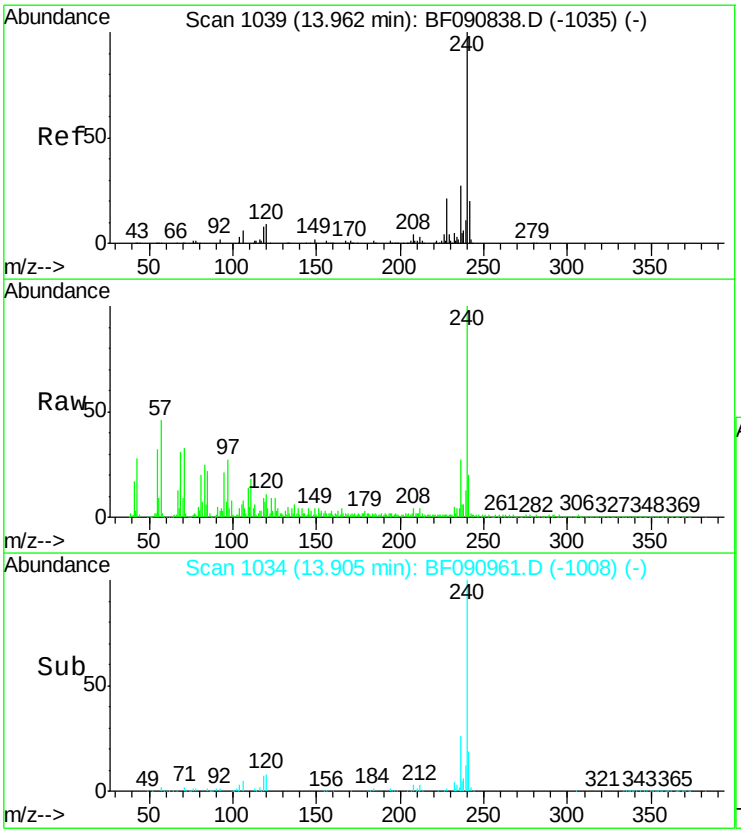
#70
Phenanthrene
Concen: 4.16 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:178 Resp: 80984

Ion	Ratio	Lower	Upper
178	100		
176	24.9	13.8	20.8#
179	96.2	12.2	18.2#

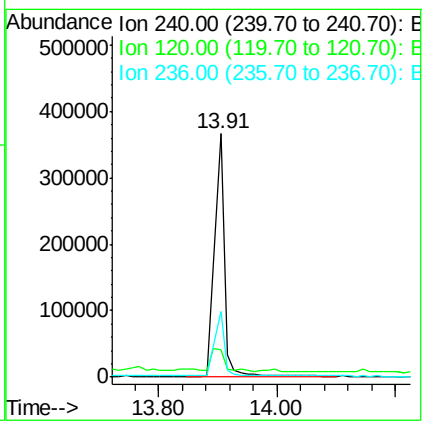


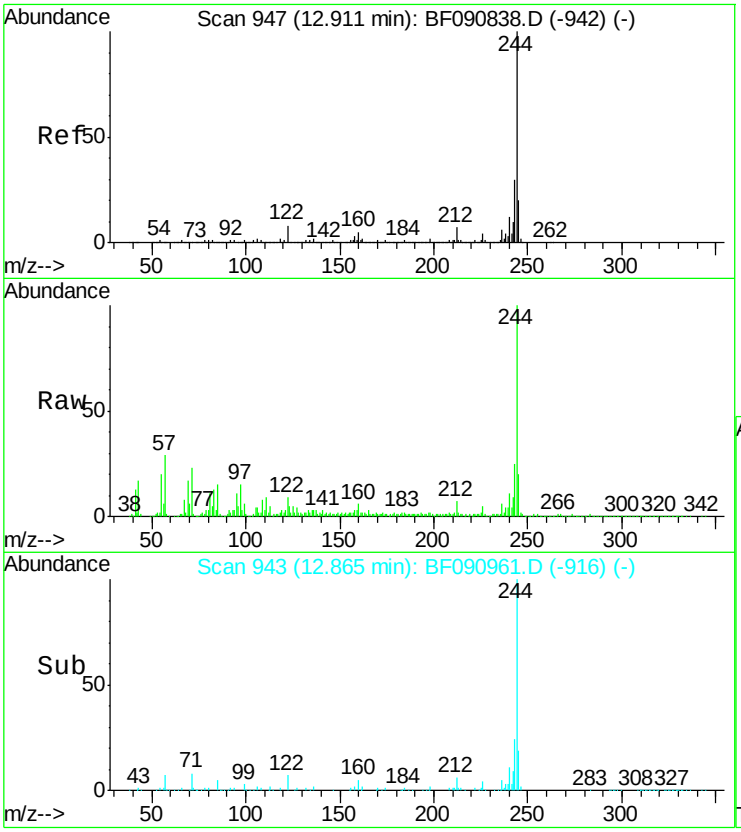


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:240 Resp: 411279

Ion	Ratio	Lower	Upper
240	100		
120	11.2	16.2	24.2#
236	27.1	18.4	27.6



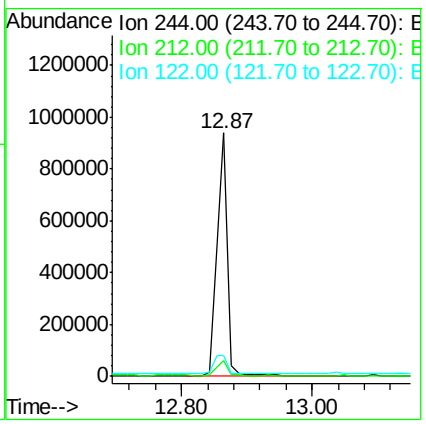


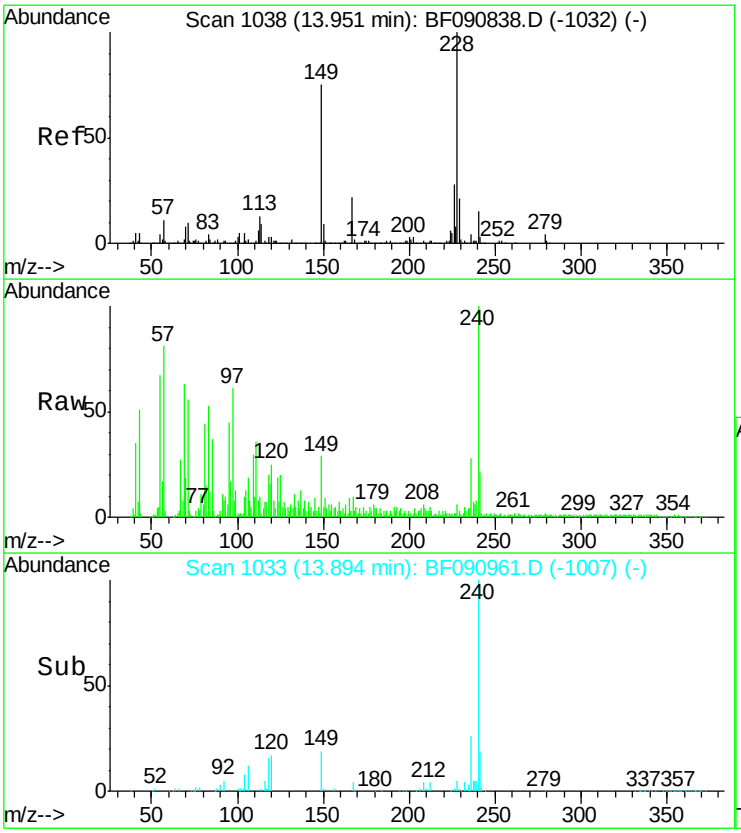
#78
Terphenyl-d14
Concen: 64.92 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:244 Resp: 1059870

Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	8.5	17.4	26.2#

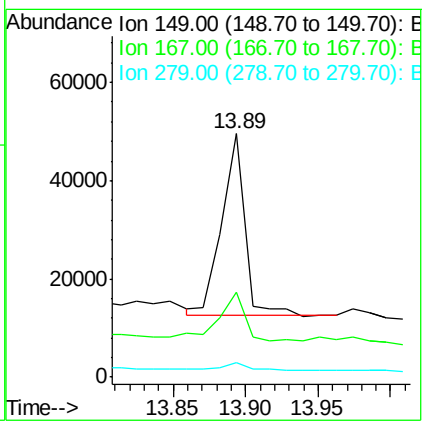


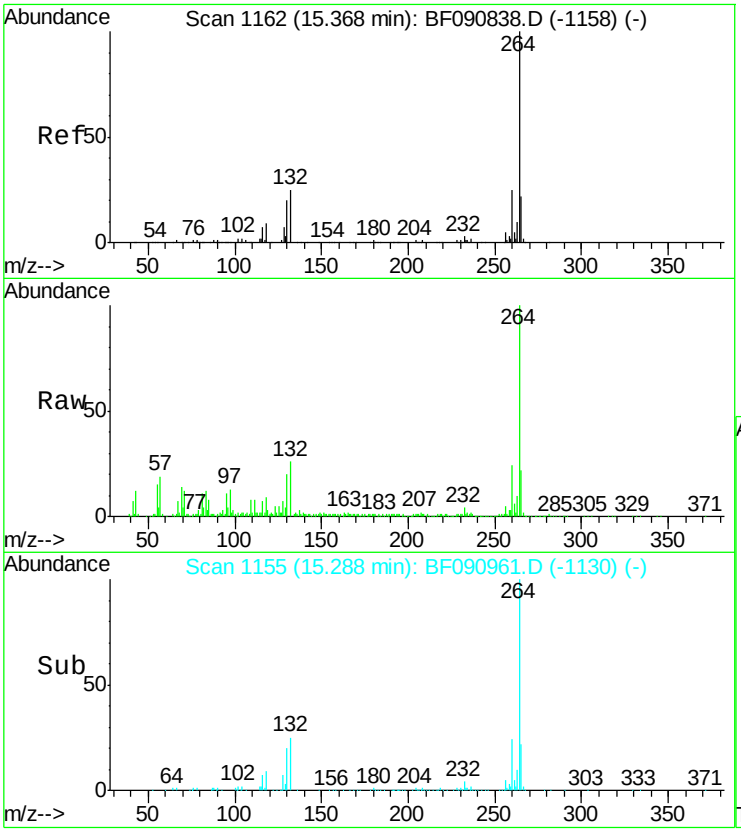


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.67 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Tgt Ion:149 Resp: 41075

Ion	Ratio	Lower	Upper
149	100		
167	34.9	24.2	36.2
279	5.7	3.8	5.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090961.D
Acq: 1 Nov 2016 19:59

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0

Tgt Ion:264 Resp: 320787

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.9	17.2	25.8