Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091411.D
Acq On : 3 Dec 2016 1:24
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Time: Dec 03 02:44:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	160940	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	625902	20.00	ng		-0.02
38) Acenaphthene-d10	9.93	164	244551	20.00	ng		0.02
63) Phenanthrene-d10	11.43	188	288607	20.00	ng		0.03
75) Chrysene-d12	14.04	240	350303	20.00	ng		0.00
86) Perylene-d12	15.45	264	323404	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1056417	107.23	ng		0.00
7) Phenol-d6	6.49	99	1285299	105.98	ng		0.00
23) Nitrobenzene-d5	7.42	82	739333	66.20	ng		-0.03
41) 2,4,6-Tribromophenol	10.72	330	205737	88.86	ng		0.02
44) 2-Fluorobiphenyl	9.24	172	1098840	81.36	ng		0.00
78) Terphenyl-d14	13.00	244	846303	52.51	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	27099	3.47	ng		91
10) Phenol	6.50	94	88830	6.22	ng		81
35) Caprolactam	8.61	113	12271	4.98	ng	#	1
36) 4-Chloro-3-methylphenol	8.69	107	57524	6.21	ng	#	23
48) Acenaphthylene	9.81	152	54855	2.66	ng	#	1
49) Dimethylphthalate	9.64	163	148023	10.00	ng	#	41
50) 2,6-Dinitrotoluene	9.72	165	56805	17.16	ng	#	24
52) 3-Nitroaniline	9.90	138	78976	20.62	ng	#	20
55) 4-Nitrophenol	10.00	139	17336	6.27	ng	#	1
56) 2,4-Dinitrotoluene	10.17	165	93984	21.89	ng	#	55
58) 2,3,4,6-Tetrachlorophenol	10.25	232	10178	2.65	ng	#	37
60) 4-Chlorophenyl-phenylether	10.49	204	19661	2.74	ng	#	1
61) 4-Nitroaniline	10.40	138	64670	17.98	ng		85
64) 4,6-Dinitro-2-methylphenol	10.50	198	21394	13.46	ng	#	1
65) n-Nitrosodiphenylamine	10.55	169	38238	4.37	ng	#	1
66) 4-Bromophenyl-phenylether	10.97	248	7987	2.57	ng	#	1
68) Atrazine	11.10	200	19375	6.84	ng	#	1
70) Phenanthrene	11.46	178	74525	4.97	ng	#	1
71) Anthracene	11.54	178	48124	3.23	ng	#	1
72) Carbazole	11.62	167	94969	7.03	ng	#	1
73) Di-n-butylphthalate	11.98	149	43209	2.82	ng	#	19
77) Pyrene	12.85	202	57470	2.16	ng	#	48
79) Butylbenzylphthalate	13.57	149	20502	2.06	ng	#	5

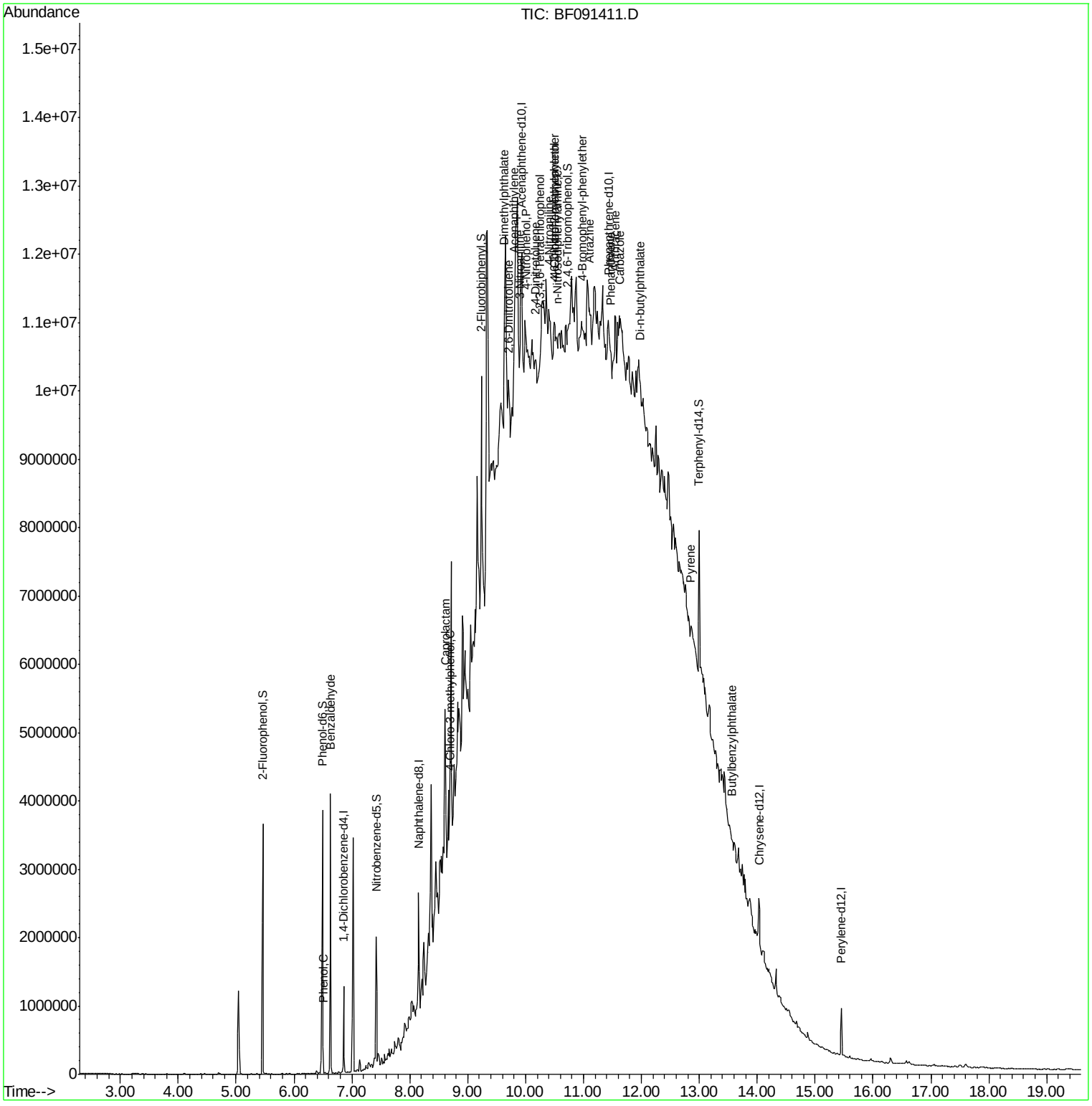
(#) = qualifier out of range (m) = manual integration (+) = signals summed

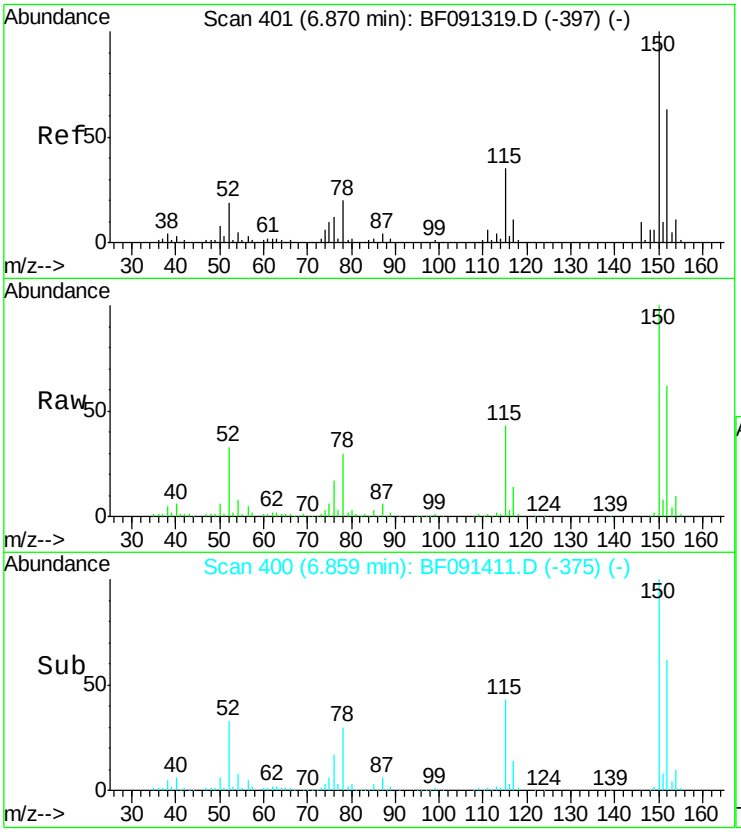
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091411.D
Acq On : 3 Dec 2016 1:24
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Time: Dec 03 02:44:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration



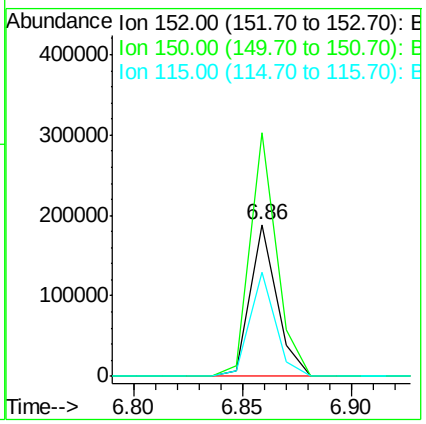


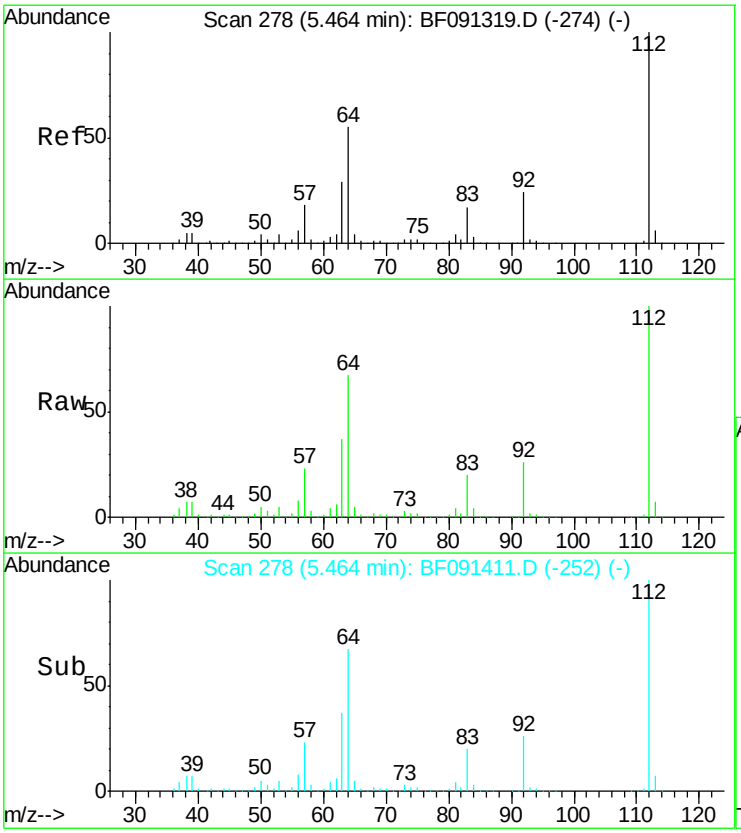
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:152 Resp: 160940

Ion	Ratio	Lower	Upper
152	100		
150	160.6	122.5	183.7
115	68.6	51.8	77.8

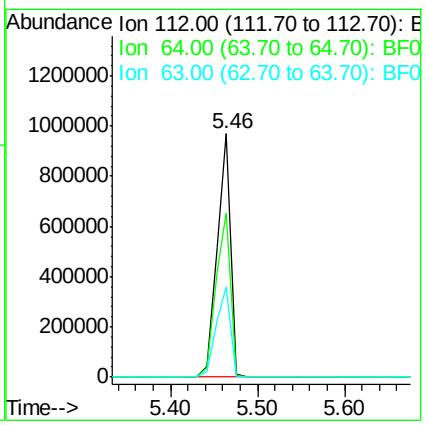


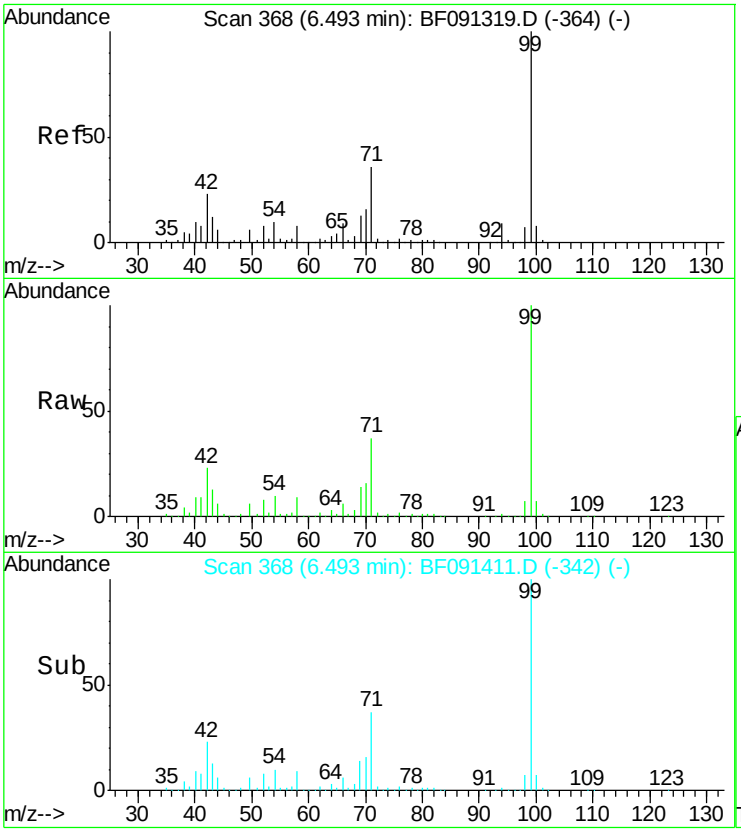


#5
2-Fluorophenol
Concen: 107.23 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:112 Resp: 1056417

Ion	Ratio	Lower	Upper
112	100		
64	67.4	61.5	92.3
63	37.0	33.3	49.9



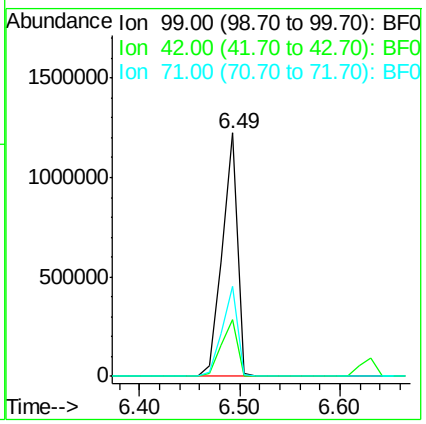


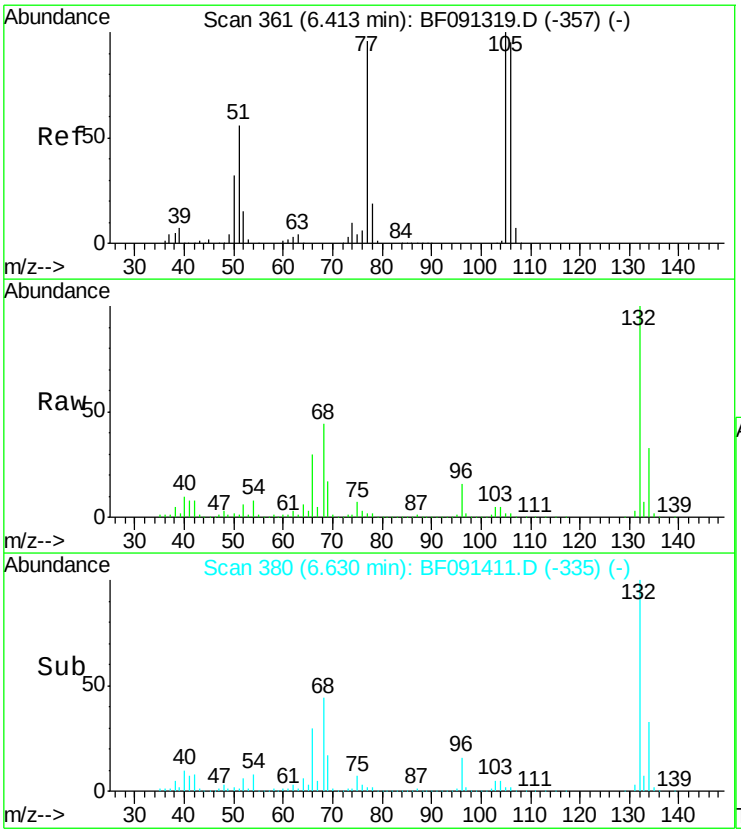
#7
Phenol-d6
Concen: 105.98 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion: 99 Resp: 1285299

Ion	Ratio	Lower	Upper
99	100		
42	23.5	20.6	31.0
71	37.1	29.9	44.9

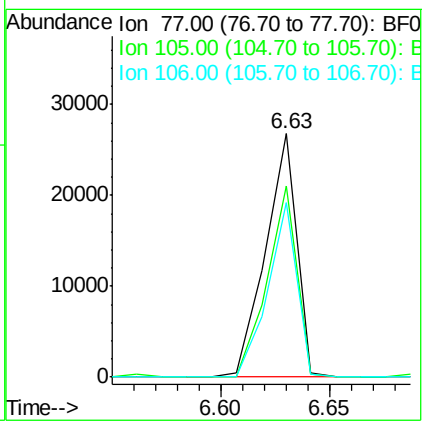


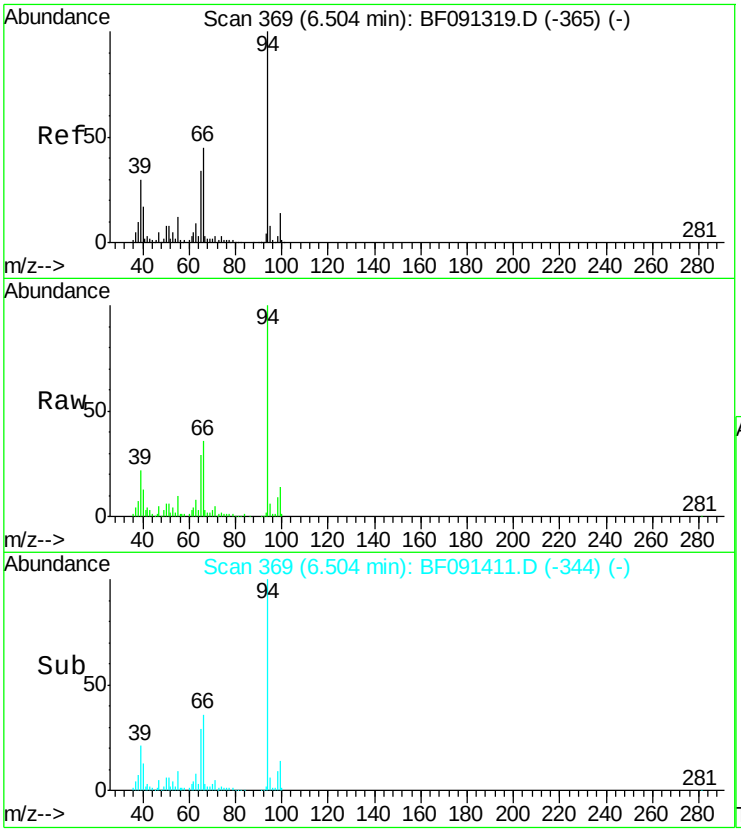


#9
Benzaldehyde
Concen: 3.47 ng
RT: 6.63 min Scan# 380
Delta R.T. 0.21 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion: 77 Resp: 27099

Ion	Ratio	Lower	Upper
77	100		
105	78.5	66.4	106.4
106	71.9	60.9	100.9



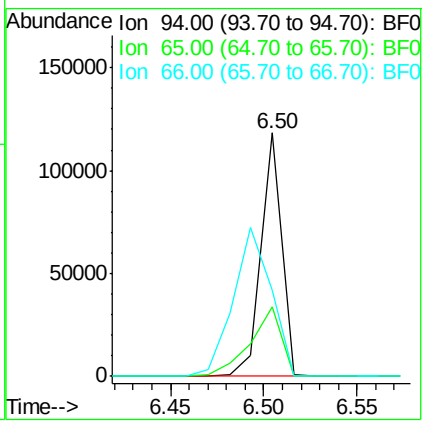


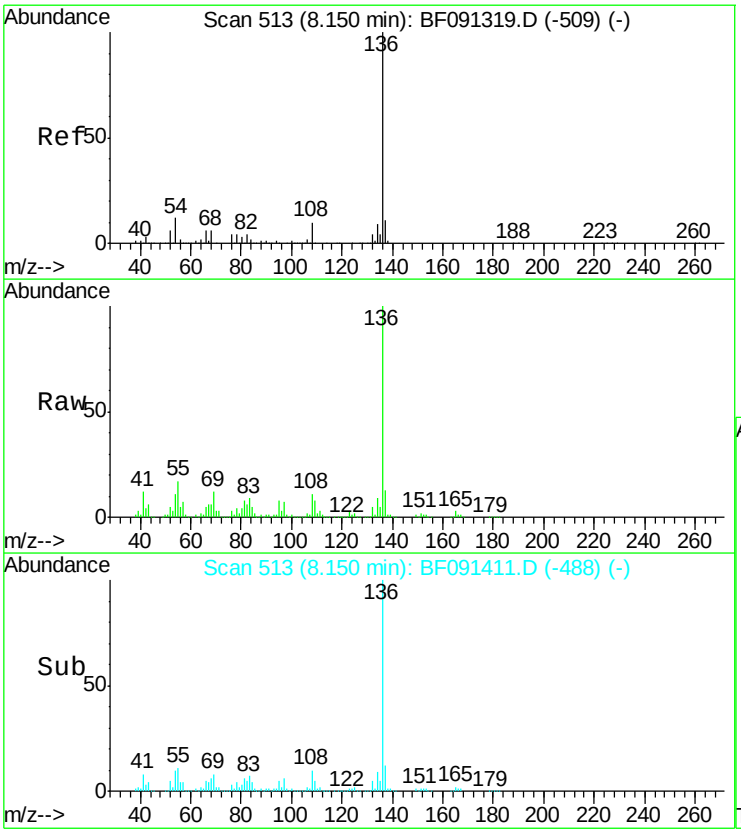
#10
Phenol
Concen: 6.22 ng
RT: 6.50 min Scan# 369
Delta R.T. -0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion: 94 Resp: 88830

Ion	Ratio	Lower	Upper
94	100		
65	28.5	16.9	56.9
66	35.5	30.6	70.6

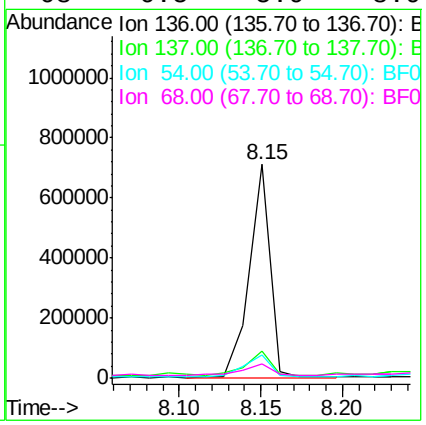


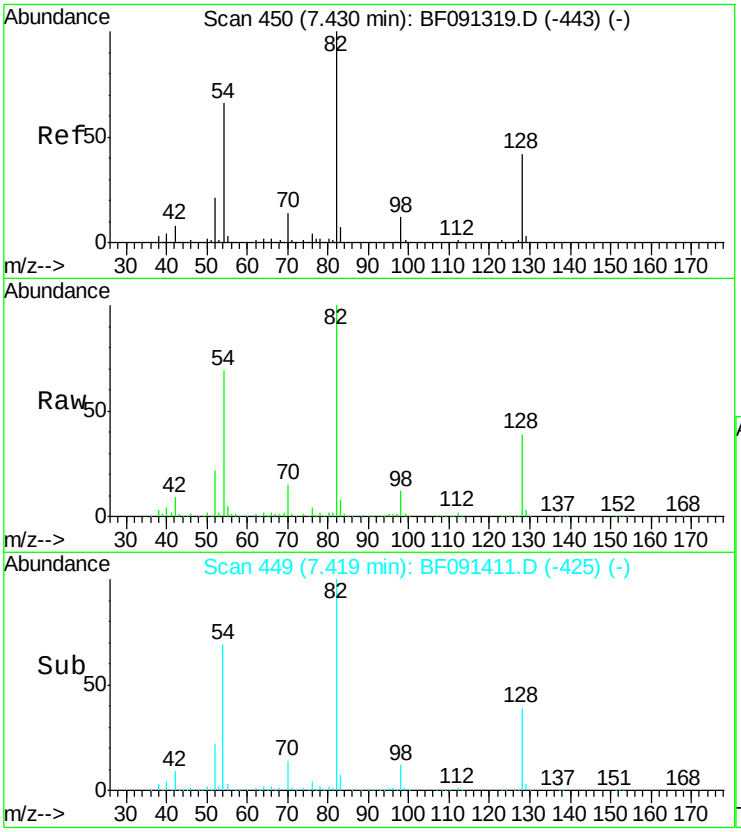


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:136 Resp: 625902

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.1	13.7
54	10.8	9.1	13.7
68	6.5	5.9	8.9



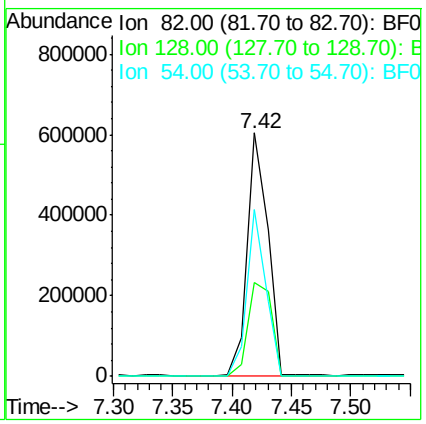


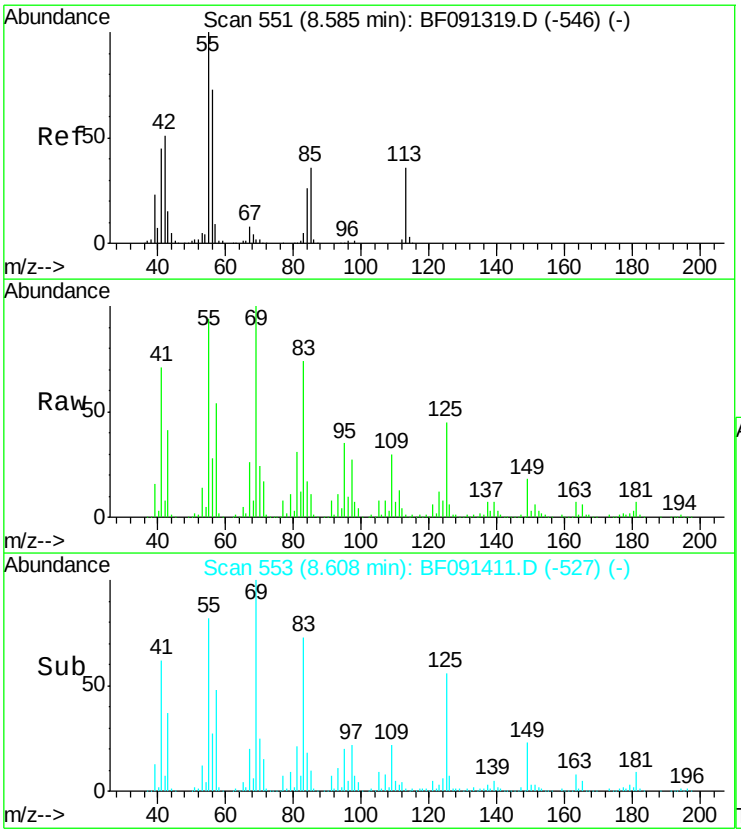
#23
Nitrobenzene-d5
Concen: 66.20 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion: 82 Resp: 739333

Ion	Ratio	Lower	Upper
82	100		
128	38.7	31.8	47.6
54	68.7	49.1	73.7

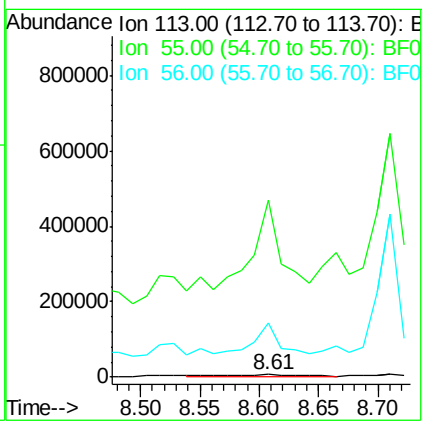


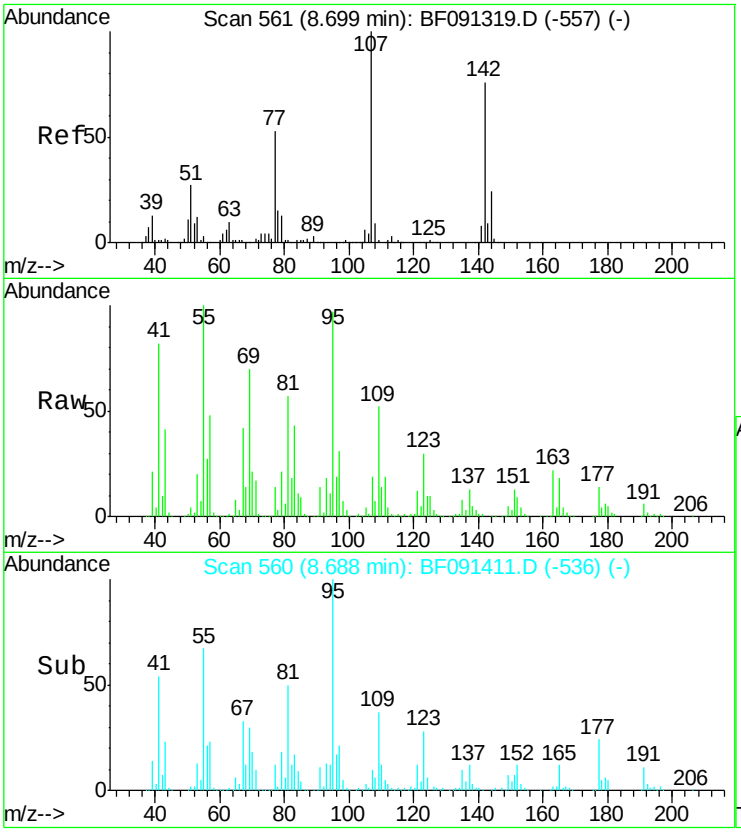


#35
Caprolactam
Concen: 4.98 ng
RT: 8.61 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:113 Resp: 12271

Ion	Ratio	Lower	Upper
113	100		
55	6975.3	239.8	279.8#
56	2116.8	165.6	205.6#



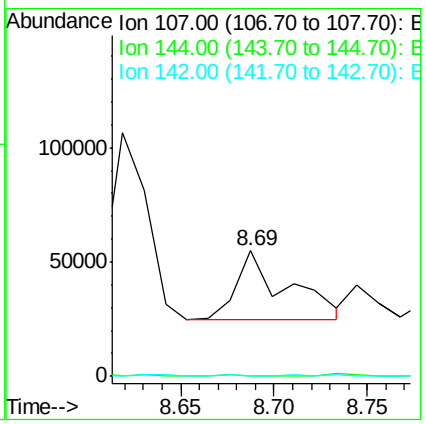


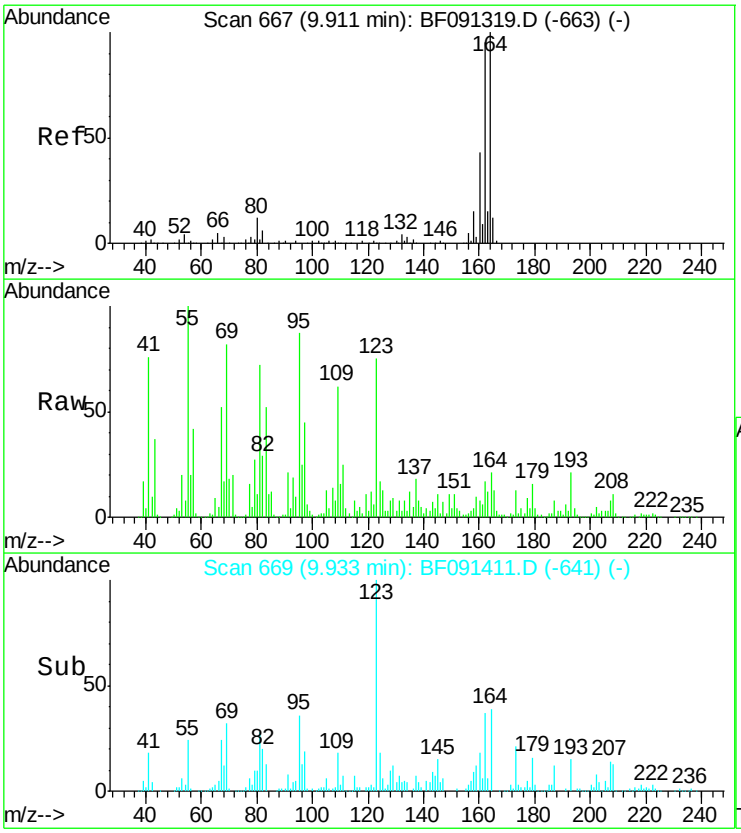
#36
4-Chloro-3-methylphenol
Concen: 6.21 ng
RT: 8.69 min Scan# 560
Delta R.T. -0.03 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:107 Resp: 57524

Ion	Ratio	Lower	Upper
107	100		
144	0.7	18.9	28.3#
142	0.0	58.5	87.7#

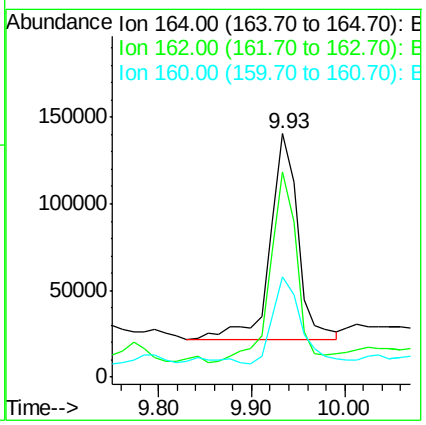


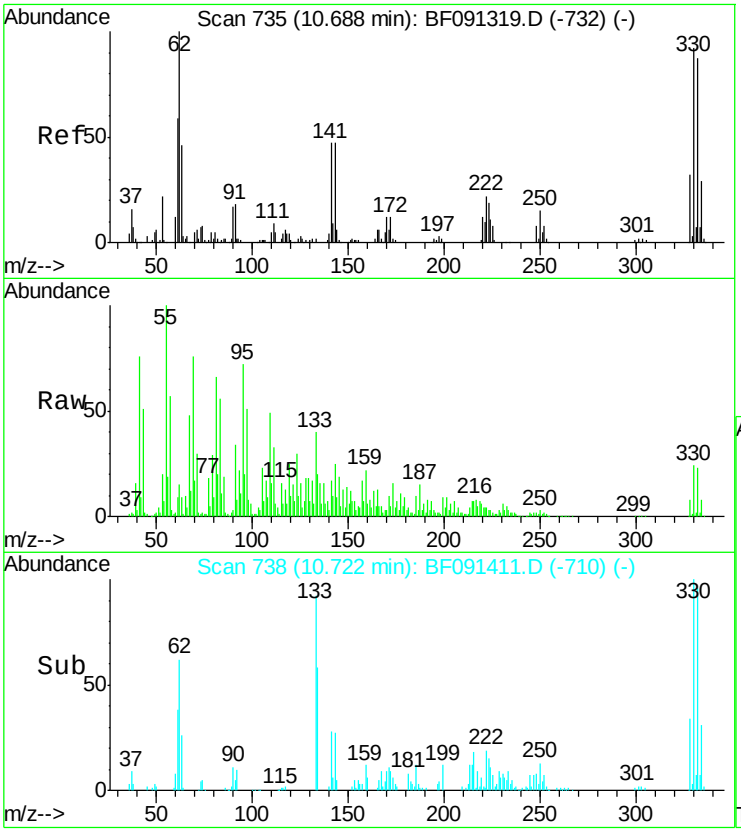


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:164 Resp: 244551

Ion	Ratio	Lower	Upper
164	100		
162	84.1	82.6	124.0
160	41.0	36.7	55.1



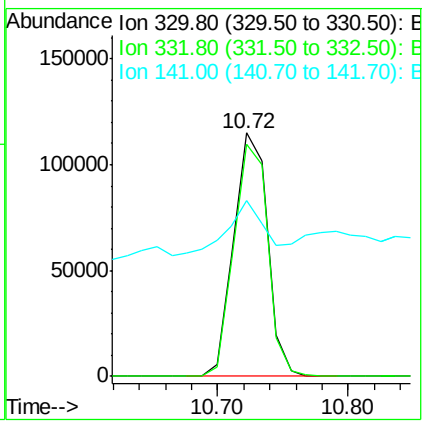


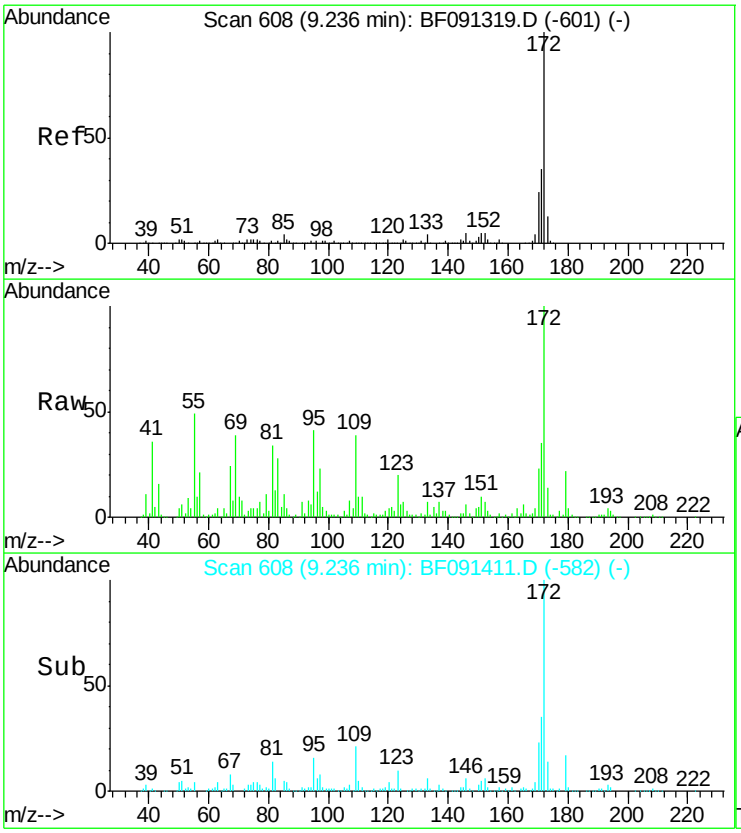
#41
2,4,6-Tribromophenol
Concen: 88.86 ng
RT: 10.72 min Scan# 738
Delta R.T. 0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:330 Resp: 205737

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	25.8	33.6	50.4#

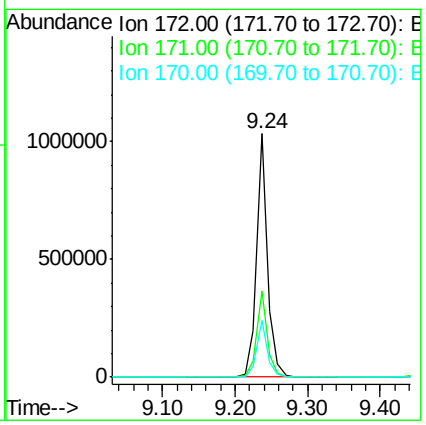


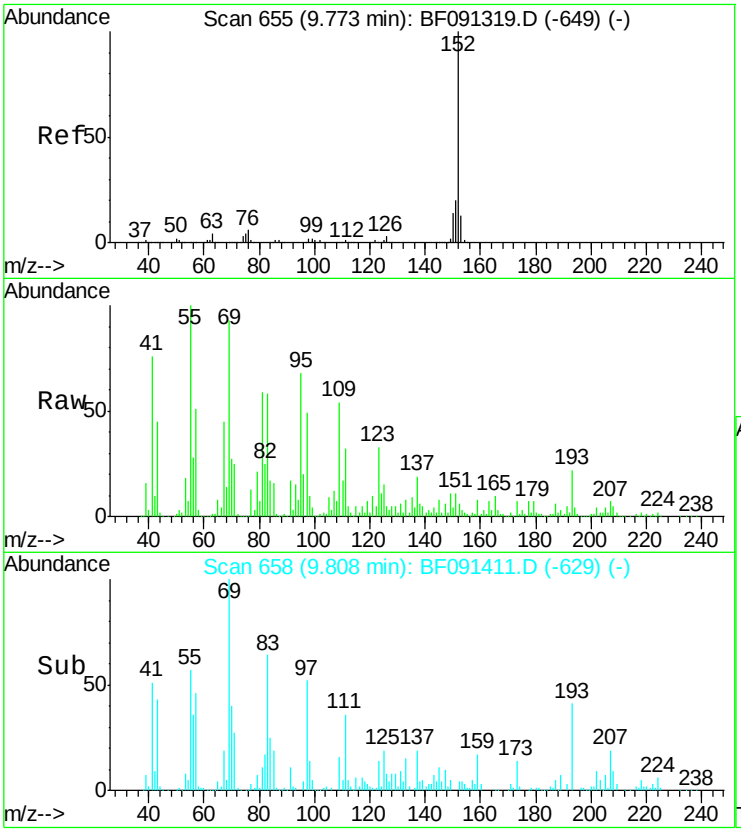


#44
2-Fluorobiphenyl
Concen: 81.36 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:172 Resp: 1098840

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.3	19.7	29.5



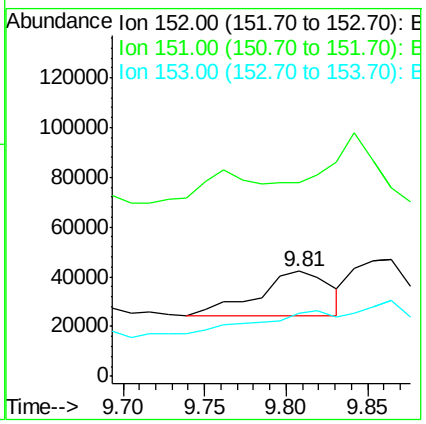


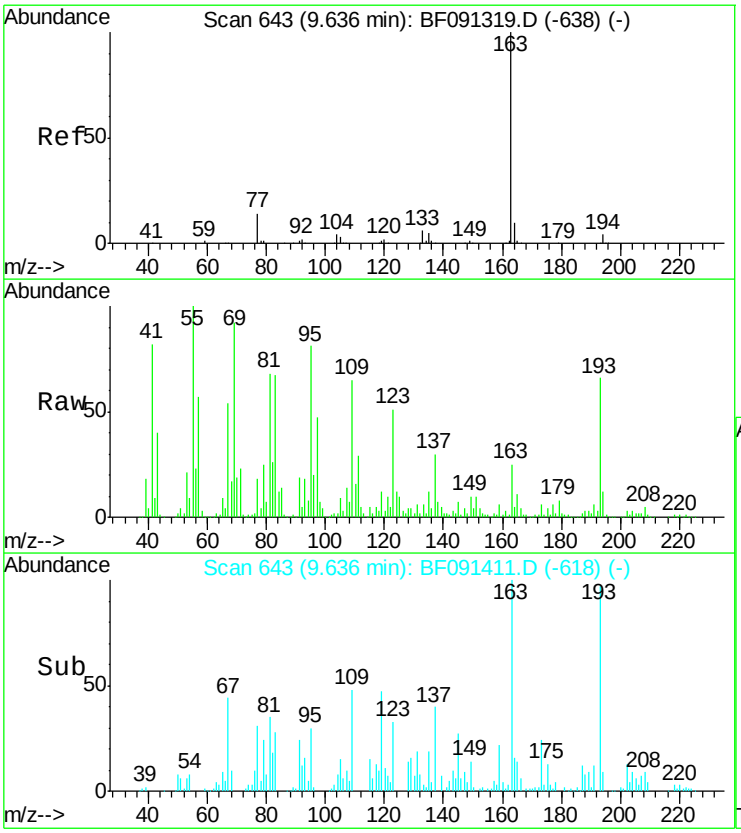
#48
Acenaphthylene
Concen: 2.66 ng
RT: 9.81 min Scan# 658
Delta R.T. 0.03 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:152 Resp: 54855

Ion	Ratio	Lower	Upper
152	100		
151	184.8	16.6	24.8#
153	60.5	10.7	16.1#

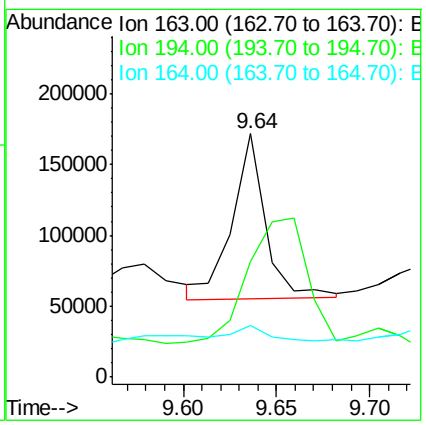


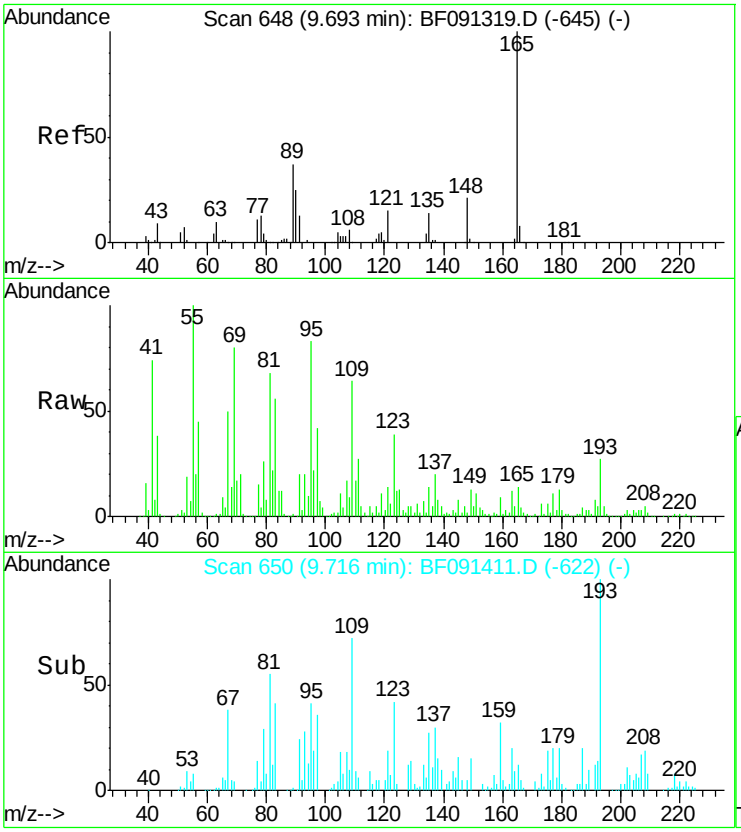


#49
Dimethylphthalate
Concen: 10.00 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:163 Resp: 148023

Ion	Ratio	Lower	Upper
163	100		
194	47.3	3.0	4.4#
164	21.3	7.8	11.8#



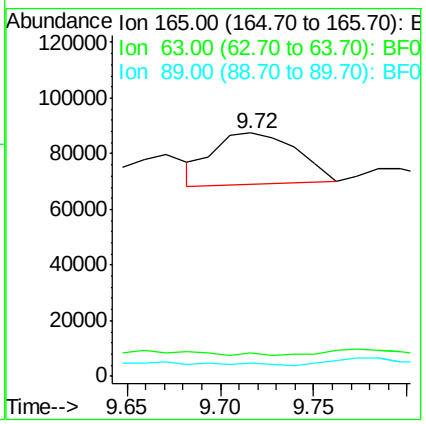


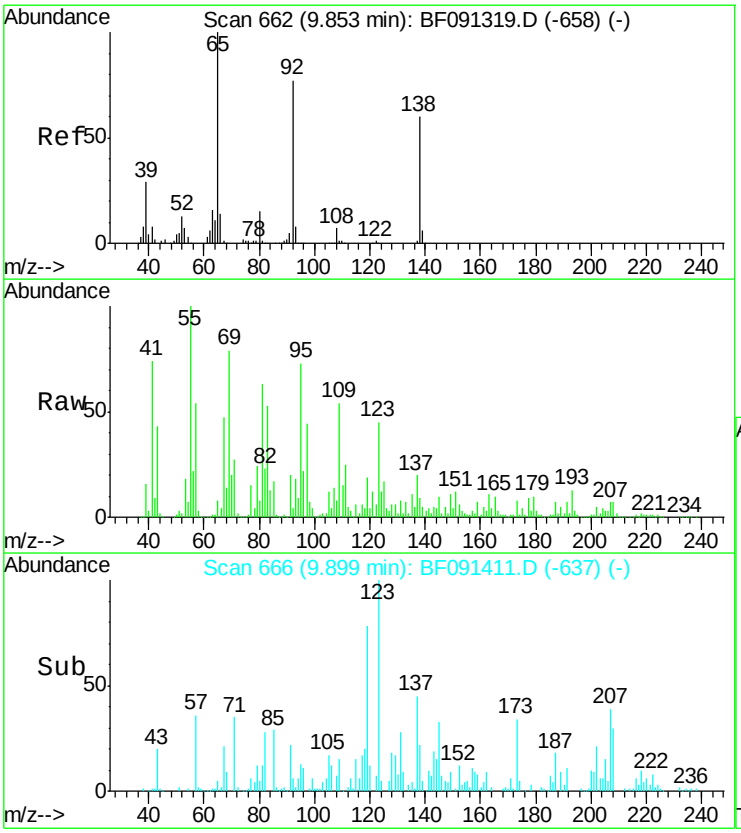
#50
2,6-Dinitrotoluene
Concen: 17.16 ng
RT: 9.72 min Scan# 650
Delta R.T. 0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:165 Resp: 56805

Ion	Ratio	Lower	Upper
165	100		
63	9.5	59.4	89.0#
89	5.3	50.8	76.2#

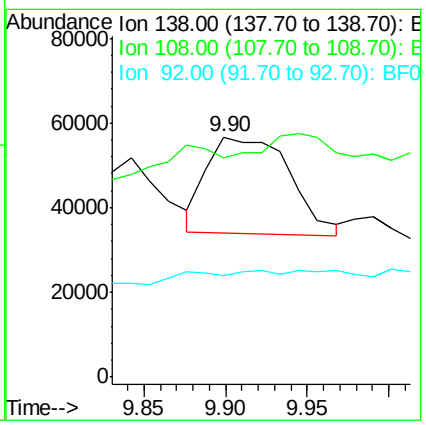


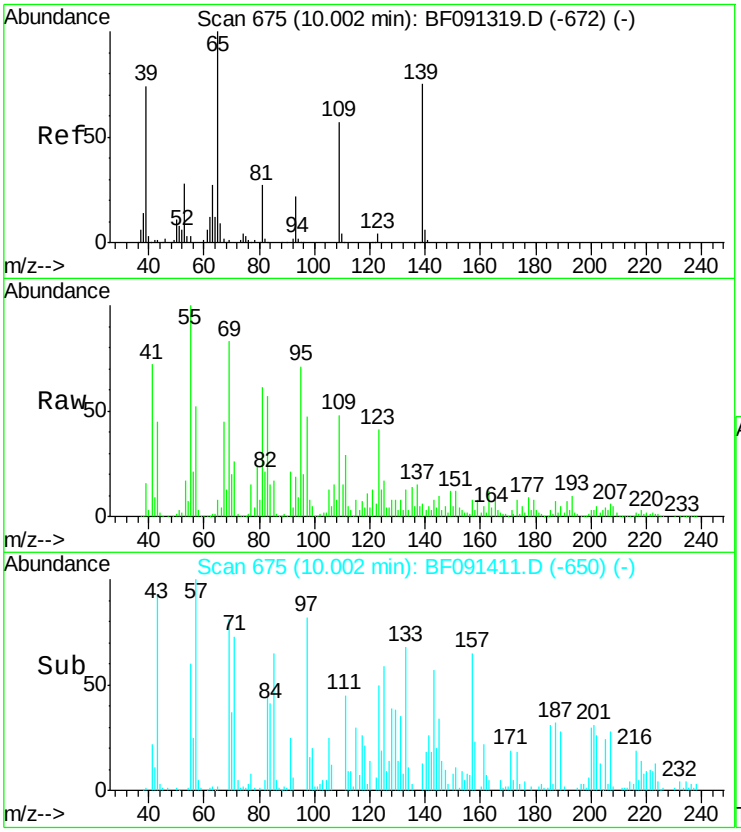


#52
3-Nitroaniline
Concen: 20.62 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.03 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:138 Resp: 78976

Ion	Ratio	Lower	Upper
138	100		
108	91.4	8.1	12.1#
92	42.4	92.5	138.7#



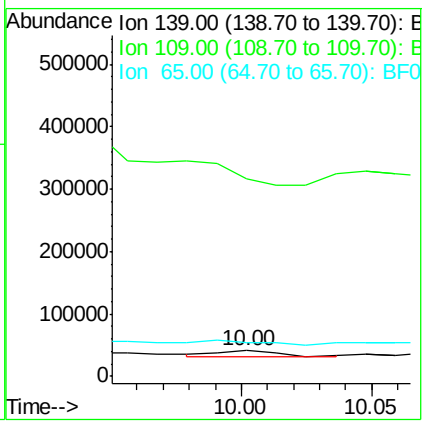


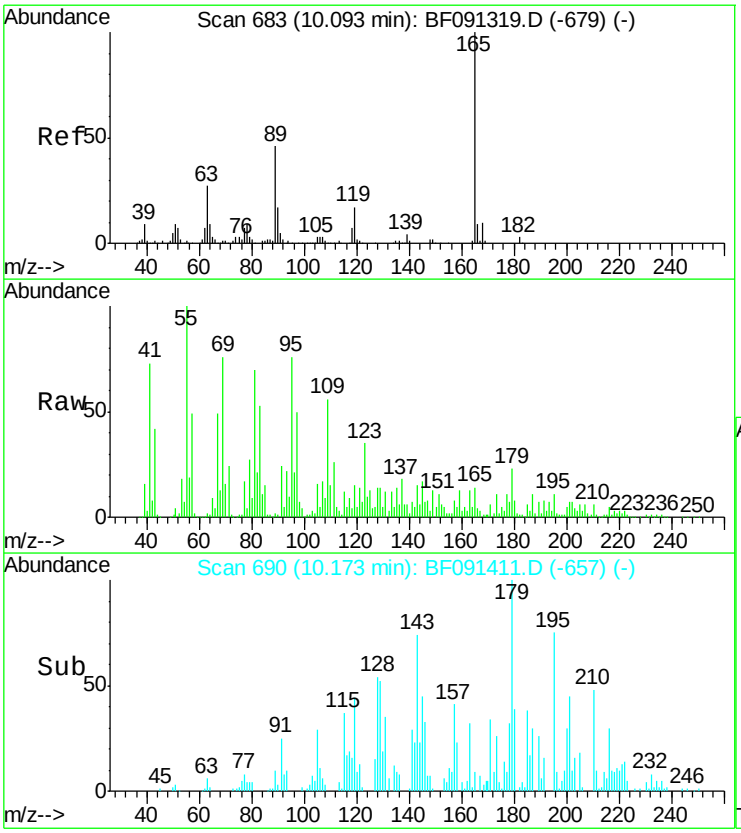
#55
4-Nitrophenol
Concen: 6.27 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:139 Resp: 17336

Ion	Ratio	Lower	Upper
139	100		
109	769.7	54.9	94.9#
65	132.4	102.2	142.2

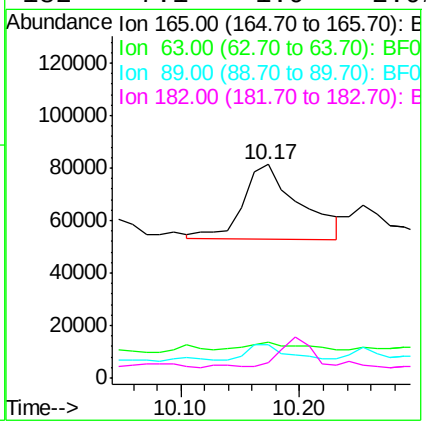


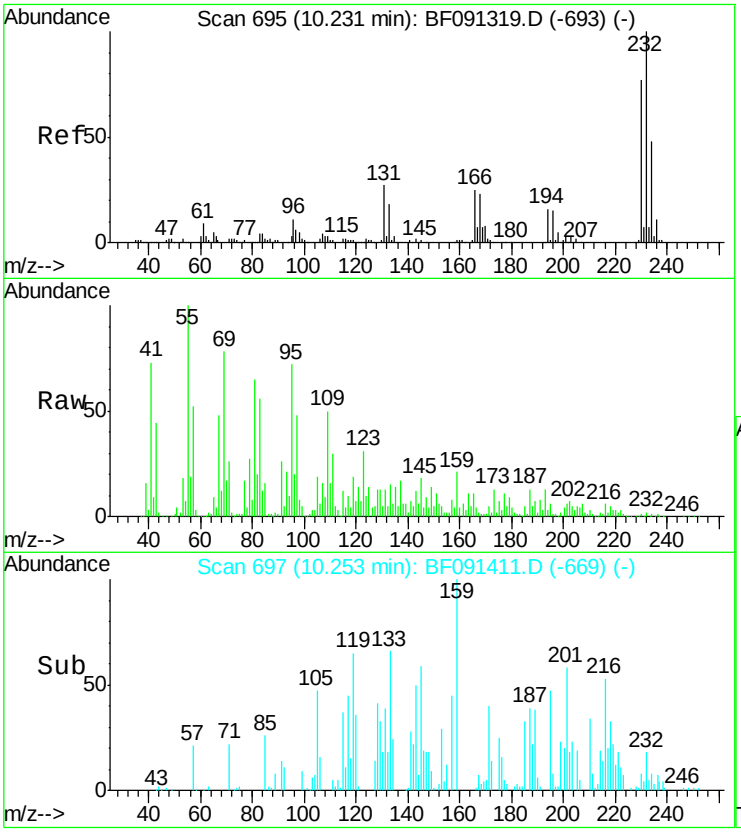


#56
2,4-Dinitrotoluene
Concen: 21.89 ng
RT: 10.17 min Scan# 690
Delta R.T. 0.07 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:165 Resp: 93984

Ion	Ratio	Lower	Upper
165	100		
63	16.7	29.0	43.4#
89	15.3	43.1	64.7#
182	7.1	1.9	2.9#



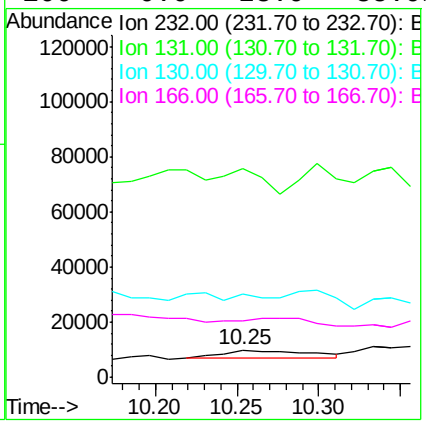


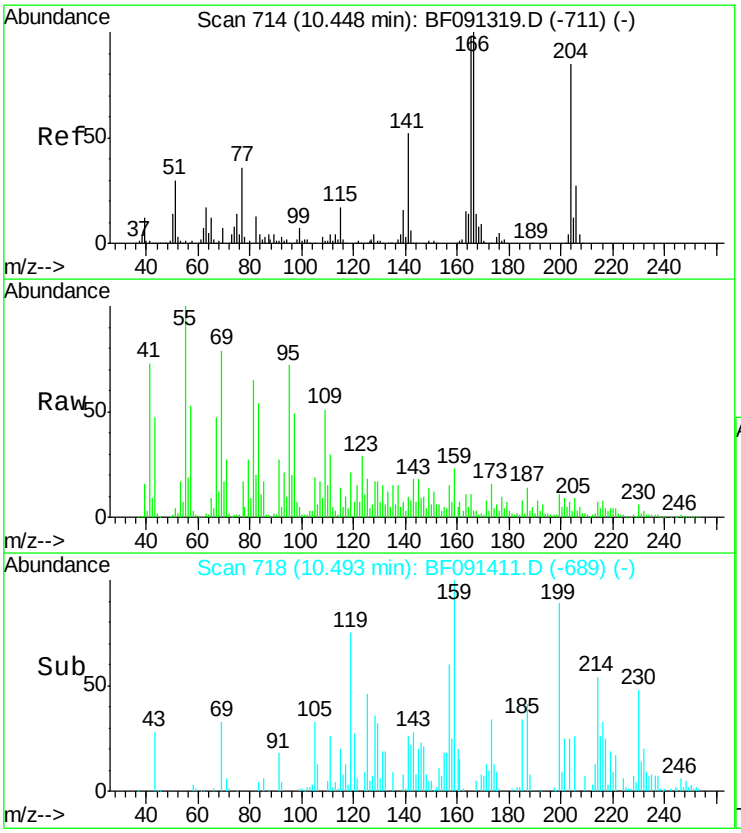
#58
2,3,4,6-Tetrachlorophenol
Concen: 2.65 ng
RT: 10.25 min Scan# 697
Delta R.T. 0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:232 Resp: 10178

Ion	Ratio	Lower	Upper
232	100		
131	0.0	38.4	57.6#
130	0.0	1.8	2.8#
166	0.0	23.9	35.9#

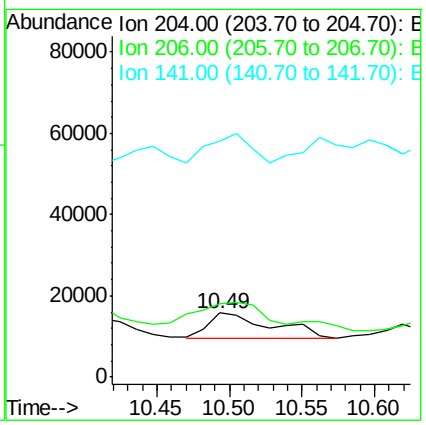


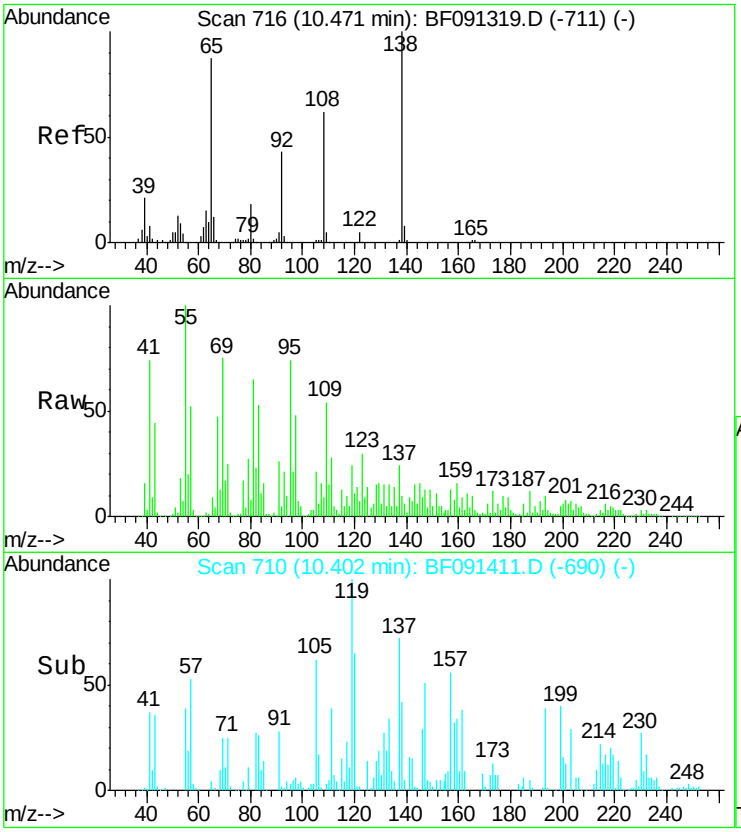


#60
4-Chlorophenyl-phenylether
Concen: 2.74 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.03 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:204 Resp: 19661

Ion	Ratio	Lower	Upper
204	100		
206	115.6	26.1	39.1#
141	368.2	40.6	61.0#



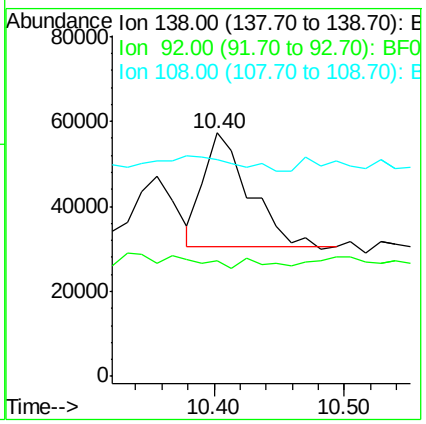


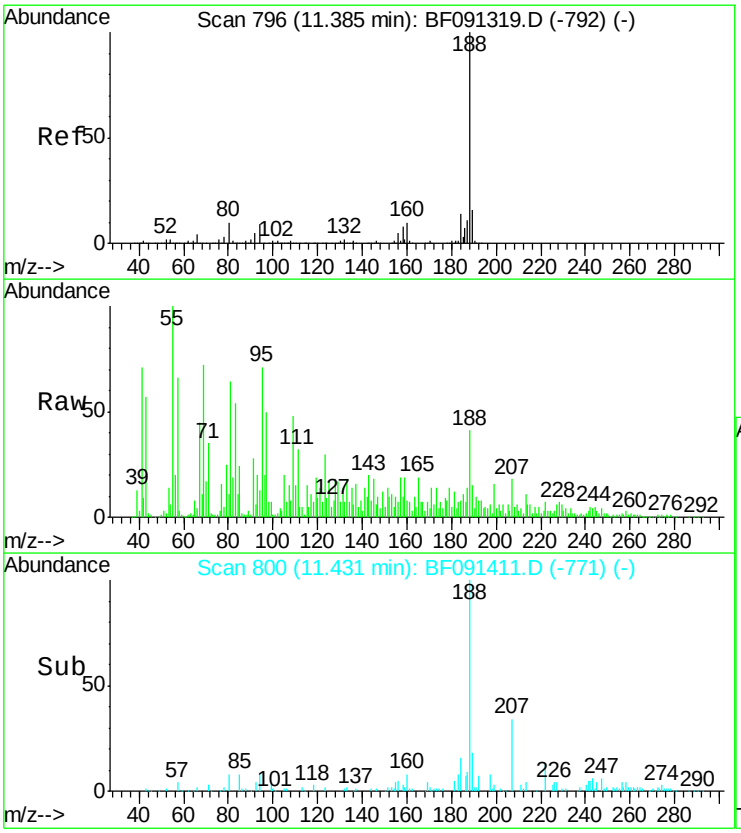
#61
4-Nitroaniline
Concen: 17.98 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.07 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:138 Resp: 64670

Ion	Ratio	Lower	Upper
138	100		
92	47.3	26.9	66.9
108	88.8	49.1	89.1

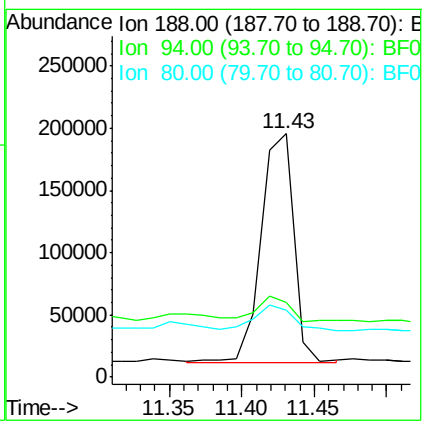


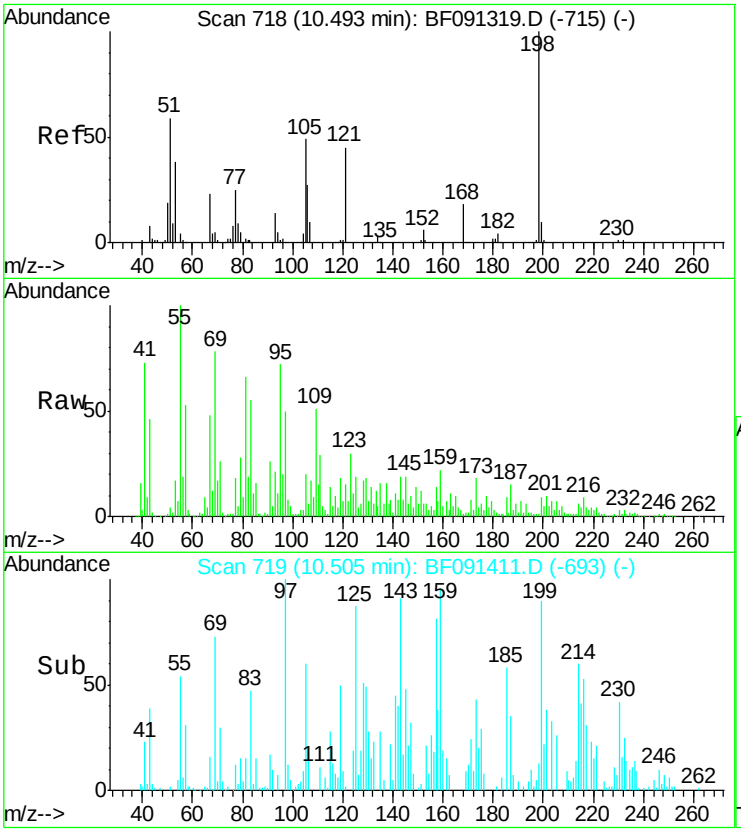


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. 0.03 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:188 Resp: 288607

Ion	Ratio	Lower	Upper
188	100		
94	30.9	9.2	13.8#
80	27.6	10.5	15.7#



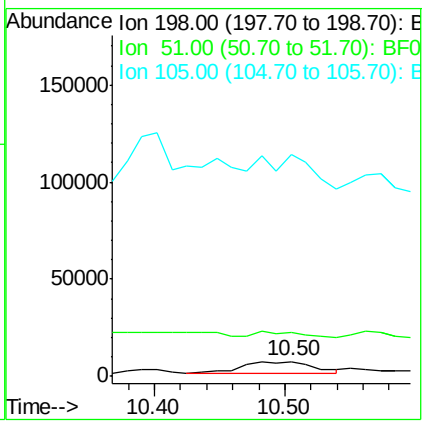


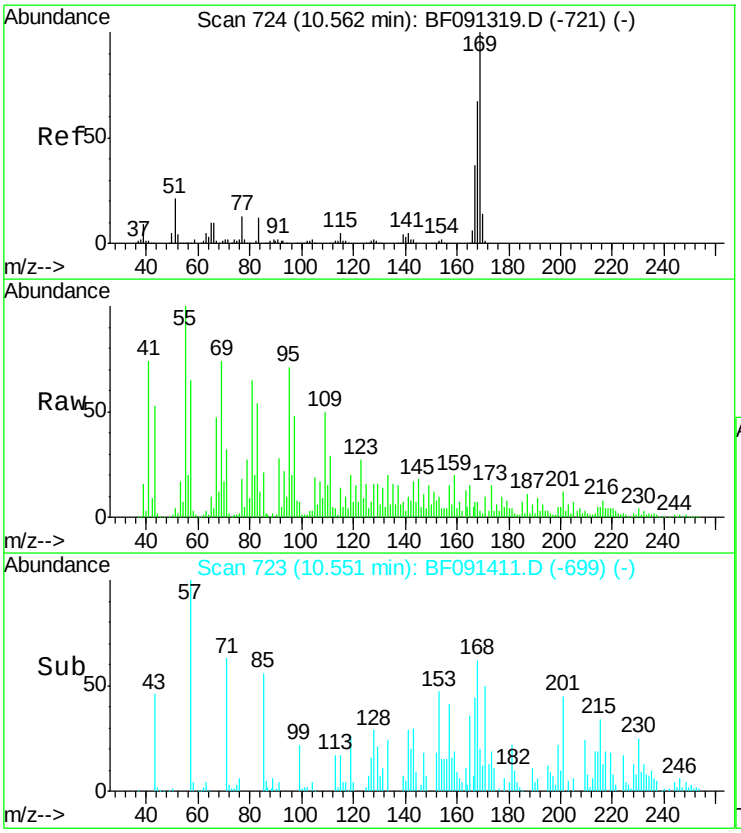
#64
4,6-Dinitro-2-methylphenol
Concen: 13.46 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:198 Resp: 21394

Ion	Ratio	Lower	Upper
198	100		
51	290.7	77.1	117.1#
105	1486.9	44.8	84.8#

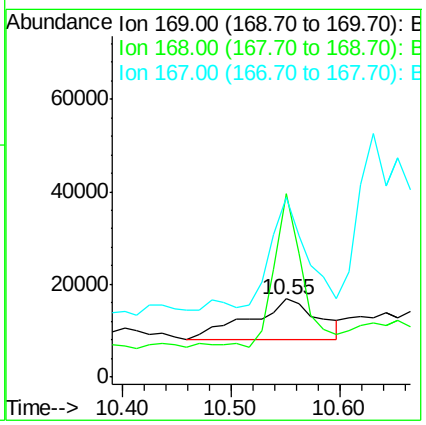


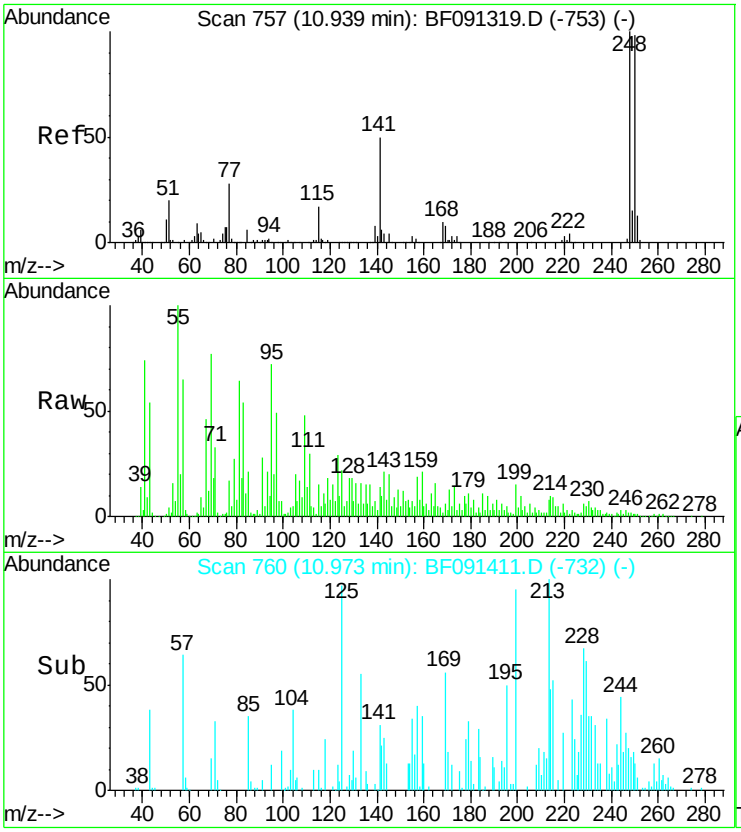


#65
n-Nitrosodiphenylamine
Concen: 4.37 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:169 Resp: 38238

Ion	Ratio	Lower	Upper
169	100		
168	233.7	53.8	80.8#
167	229.1	29.8	44.8#



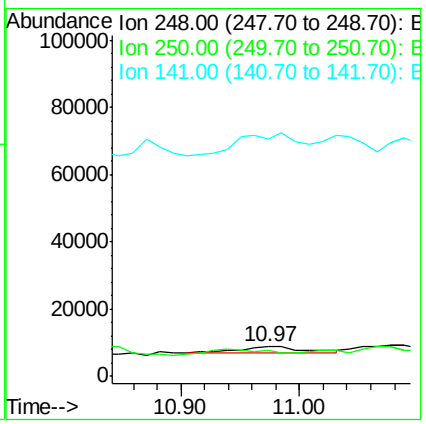


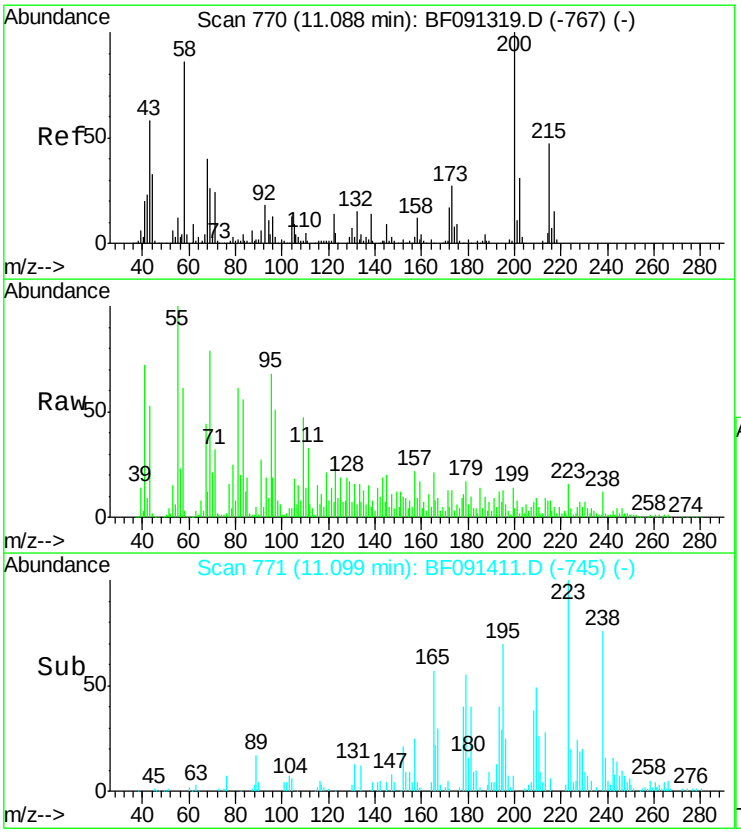
#66
4-Bromophenyl-phenylether
Concen: 2.57 ng
RT: 10.97 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:248 Resp: 7987

Ion	Ratio	Lower	Upper
248	100		
250	86.7	78.2	117.4
141	800.4	71.9	107.9#

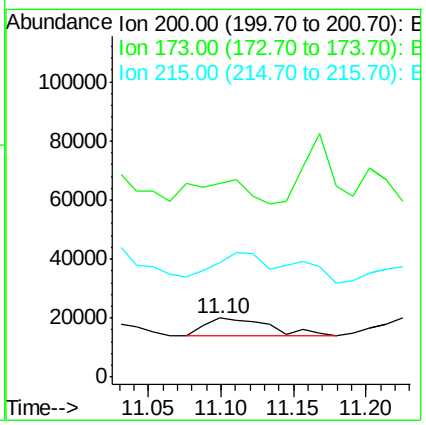


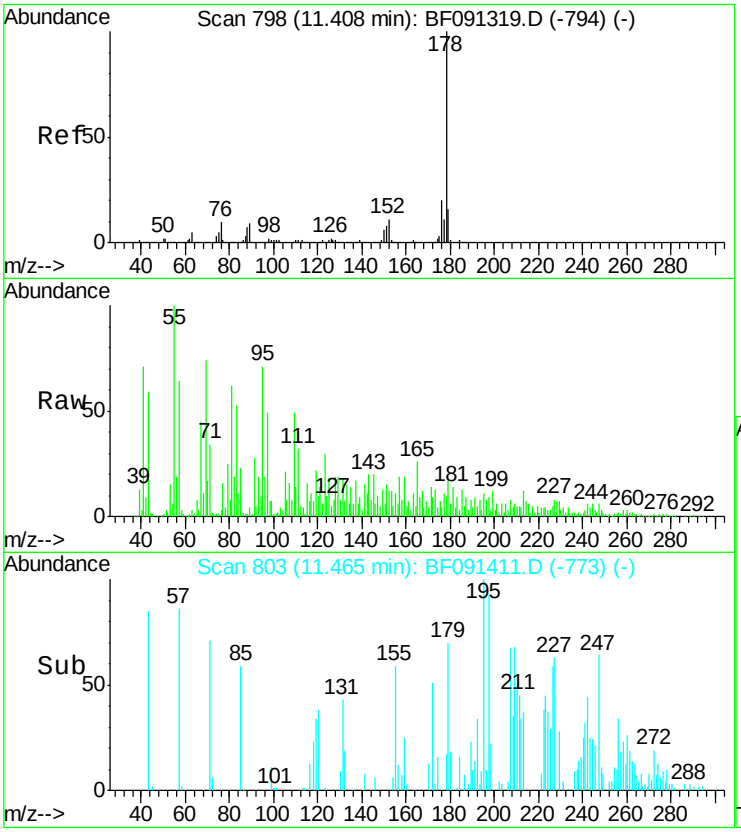


#68
Atrazine
Concen: 6.84 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:200 Resp: 19375

Ion	Ratio	Lower	Upper
200	100		
173	327.9	7.8	47.8#
215	194.3	24.3	64.3#



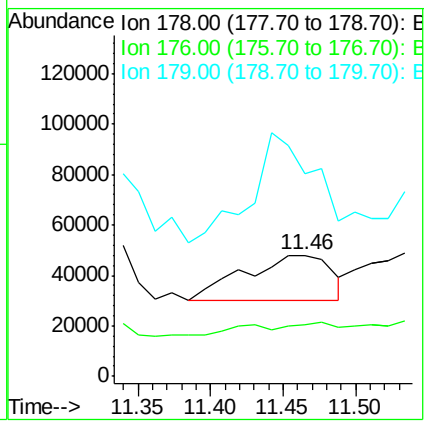


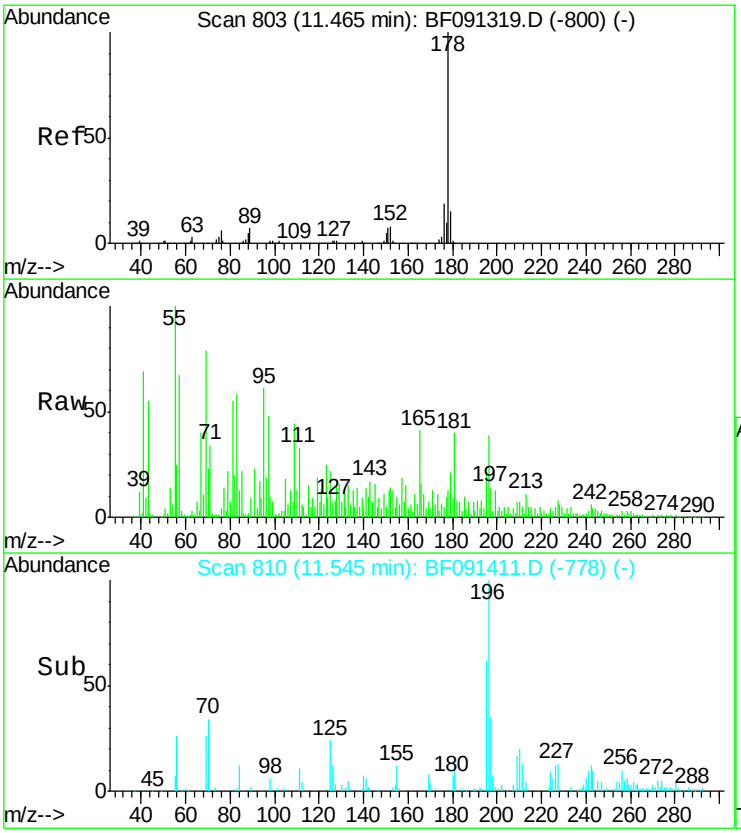
#70
Phenanthrene
Concen: 4.97 ng
RT: 11.46 min Scan# 803
Delta R.T. 0.04 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:178 Resp: 74525

Ion	Ratio	Lower	Upper
178	100		
176	42.5	15.9	23.9#
179	167.0	12.6	18.8#

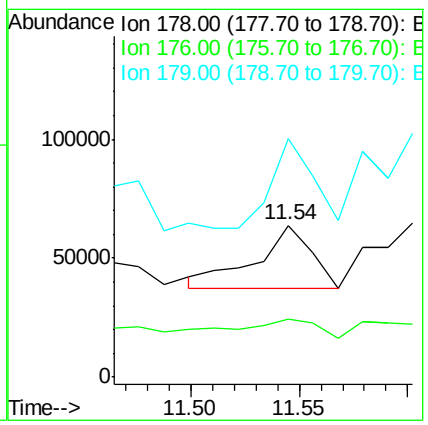


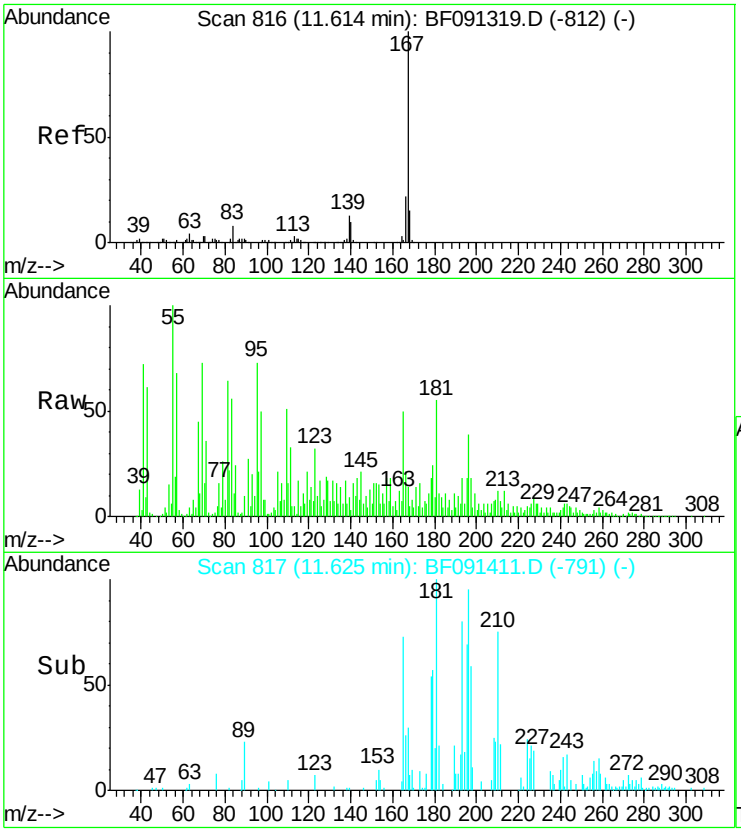


#71
Anthracene
Concen: 3.23 ng
RT: 11.54 min Scan# 810
Delta R.T. 0.06 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:178 Resp: 48124

Ion	Ratio	Lower	Upper
178	100		
176	38.6	15.8	23.6#
179	157.5	12.7	19.1#



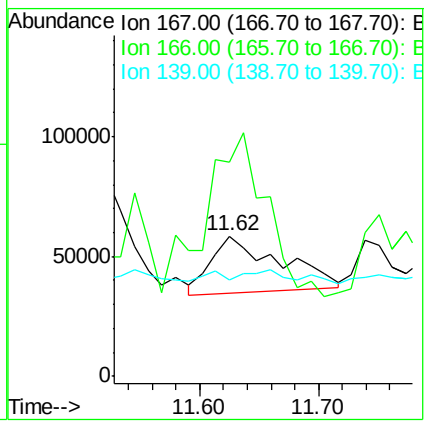


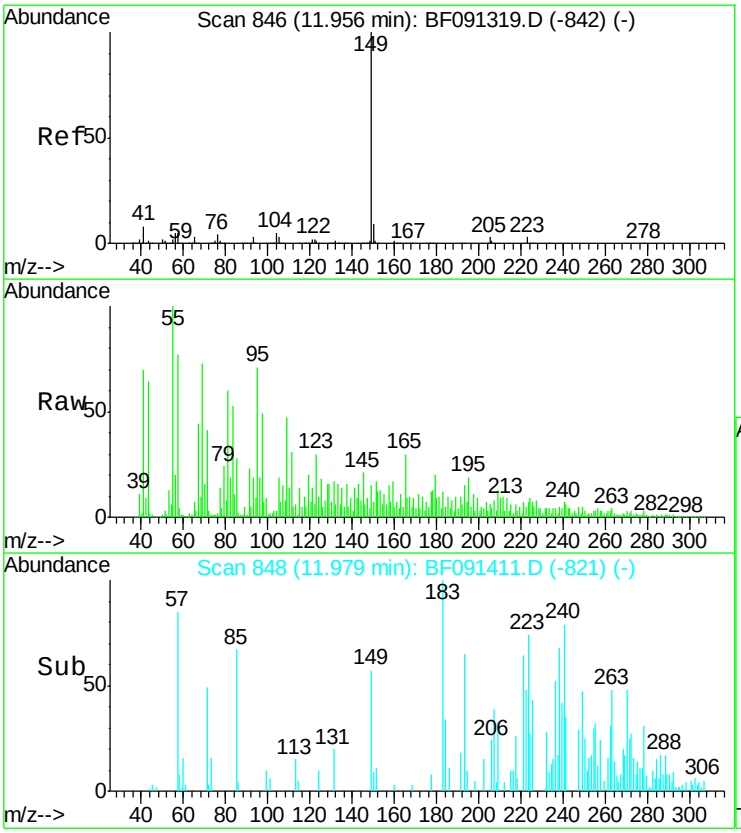
#72
Carbazole
Concen: 7.03 ng
RT: 11.62 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:167 Resp: 94969

Ion	Ratio	Lower	Upper
167	100		
166	152.2	18.1	27.1#
139	68.7	11.5	17.3#

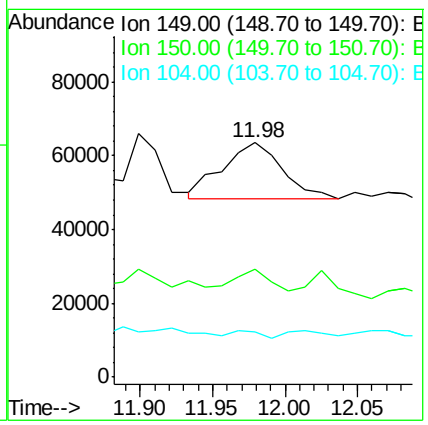


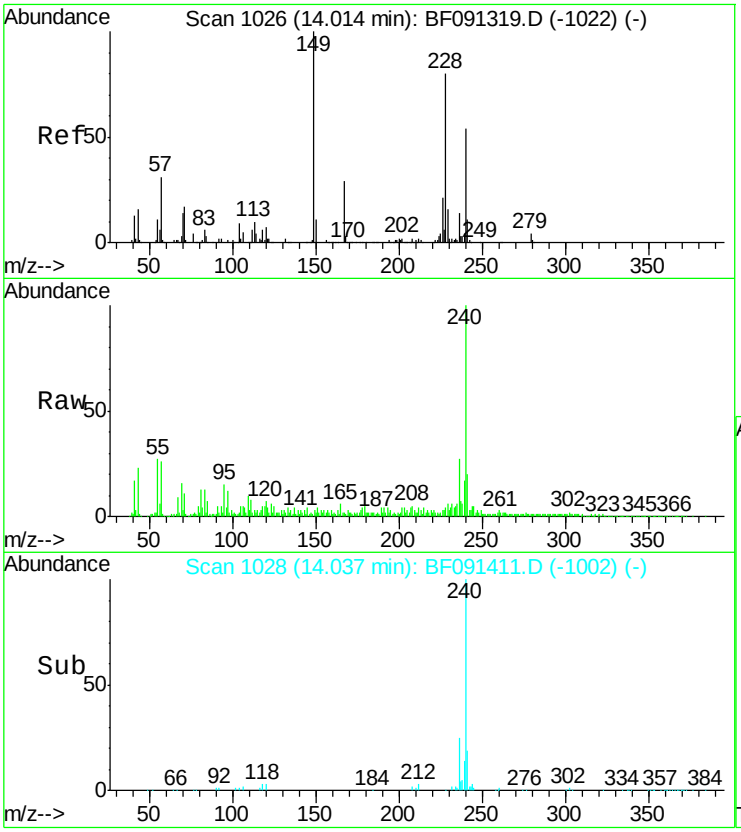


#73
Di-n-butylphthalate
Concen: 2.82 ng
RT: 11.98 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:149 Resp: 43209

Ion	Ratio	Lower	Upper
149	100		
150	46.2	7.5	11.3#
104	19.1	4.0	6.0#



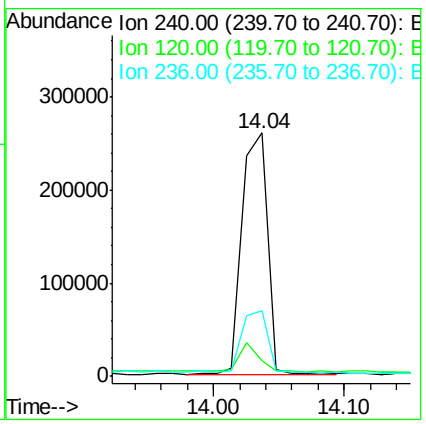


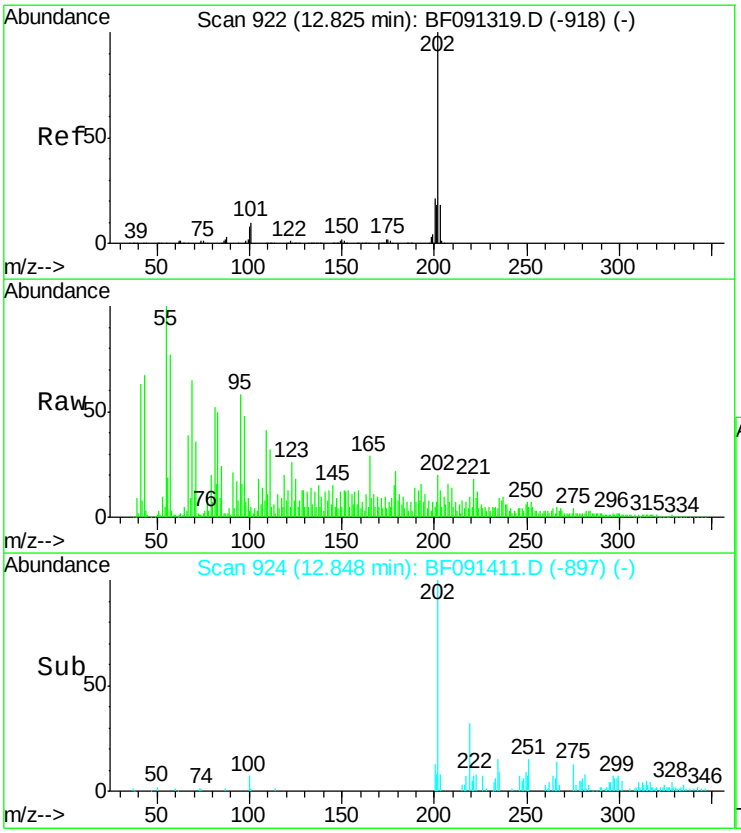
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:240 Resp: 350303

Ion	Ratio	Lower	Upper
240	100		
120	6.5	12.1	18.1#
236	26.9	21.0	31.6

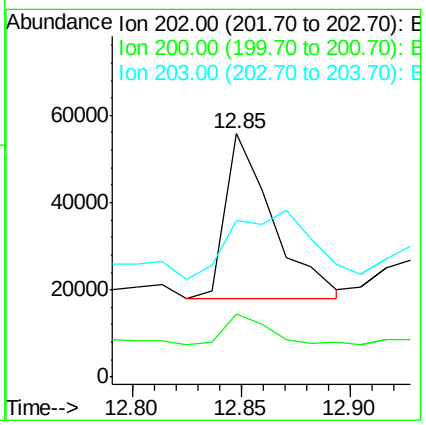


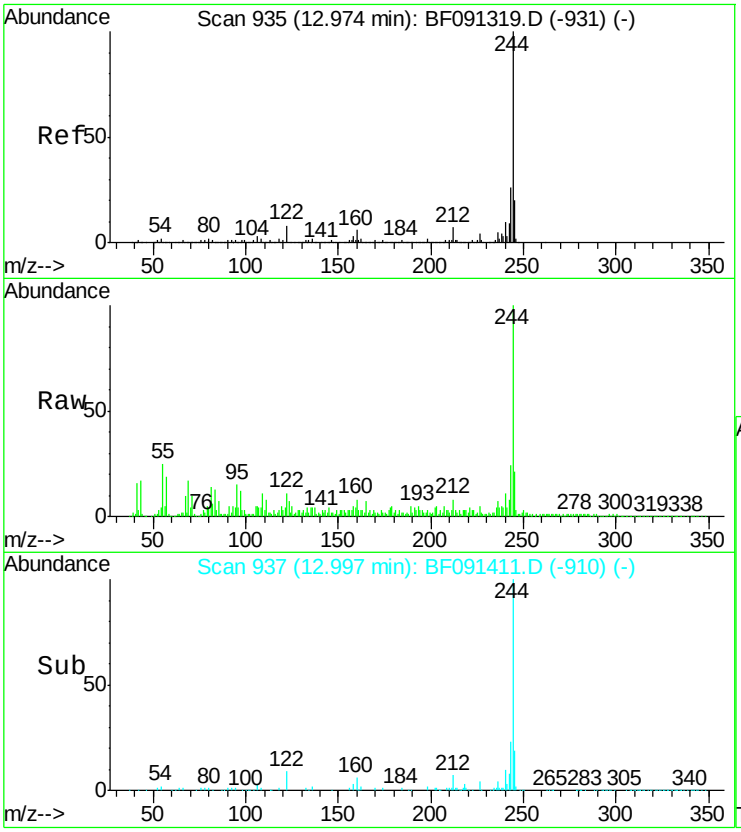


#77
Pyrene
Concen: 2.16 ng
RT: 12.85 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:202 Resp: 57470

Ion	Ratio	Lower	Upper
202	100		
200	25.7	17.6	26.4
203	64.5	14.0	21.0#



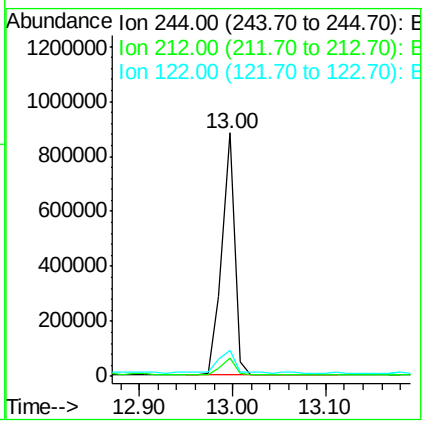


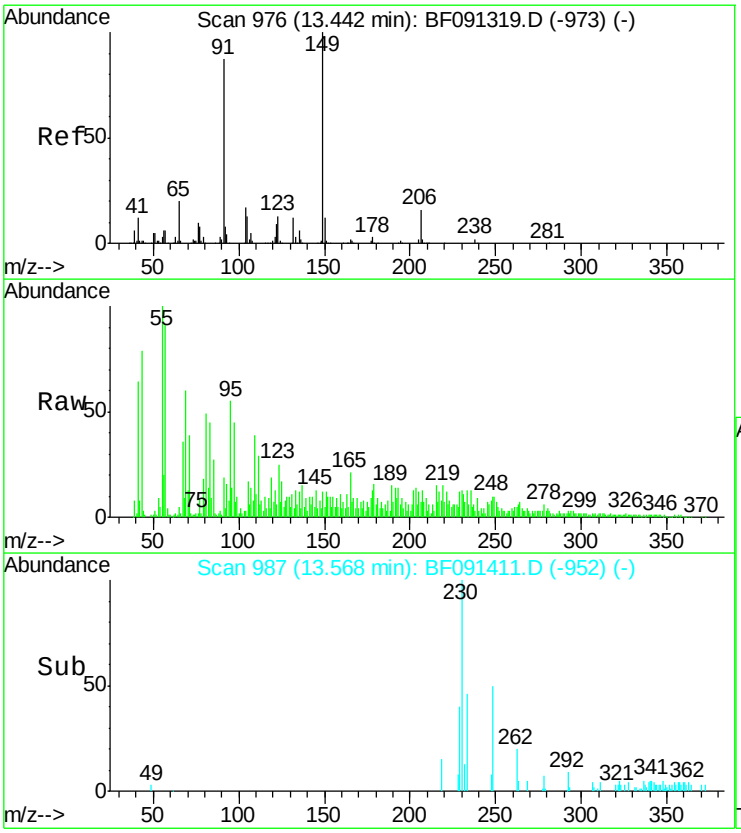
#78
Terphenyl-d14
Concen: 52.51 ng
RT: 13.00 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:244 Resp: 846303

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	10.9	9.5	14.3

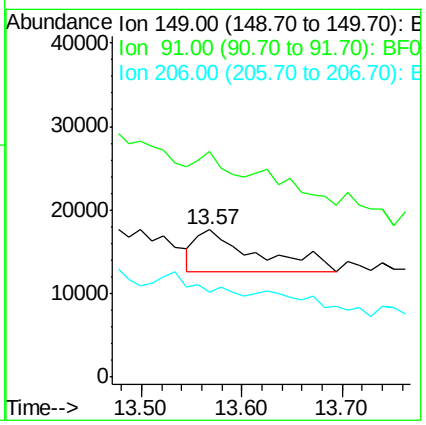


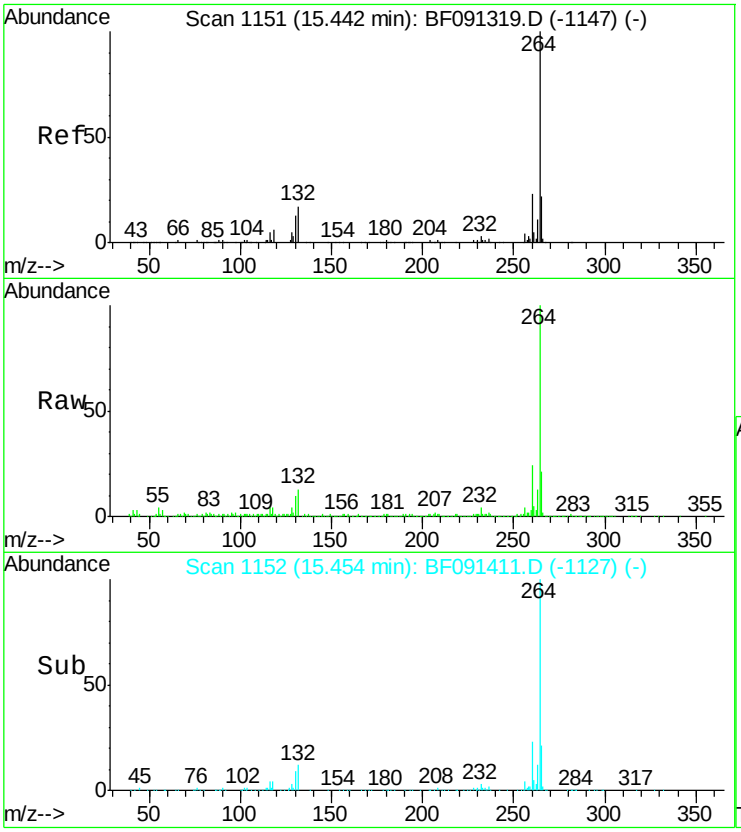


#79
Butylbenzylphthalate
Concen: 2.06 ng
RT: 13.57 min Scan# 987
Delta R.T. 0.10 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Tgt Ion:149 Resp: 20502

Ion	Ratio	Lower	Upper
149	100		
91	153.2	57.4	86.2#
206	57.7	15.4	23.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF091411.D
Acq: 3 Dec 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:264 Resp: 323404

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.2	17.0	25.6