Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090741.D
Acq On : 22 Oct 2016 5:34
Operator : UM/SJ
Sample : H5308-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-105D

Quant Time: Oct 22 06:33:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	263604	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1133992	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	536663	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	831097	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	558919	20.00	ng	0.00
86) Perylene-d12	15.45	264	388780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1089154	66.63	ng	0.01
7) Phenol-d6	6.49	99	804492	36.34	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1198329	57.96	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	678691	159.78	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1763856	51.02	ng	-0.01
78) Terphenyl-d14	12.97	244	1658801	68.02	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	133444	5.36	ng	# 55
15) Benzyl Alcohol	7.01	79	37145	2.47	ng	# 43
17) 2-Methylphenol	7.11	107	156305	10.57	ng	# 85
20) 3+4-Methylphenols	7.26	107	263453	15.03	ng	# 82
22) Acetophenone	7.26	105	57183	2.26	ng	# 9
27) 2,4-Dimethylphenol	7.97	122	116168	7.15	ng	# 37
32) Benzoic acid	7.97	122	126523	16.86	ng	# 66
49) Dimethylphthalate	9.62	163	126191	3.74	ng	# 98
55) 4-Nitrophenol	9.96	139	6908	7.18	ng	# 63
56) 2,4-Dinitrotoluene	9.89	165	70087	7.91	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.69	198	1349	4.41	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	46928	5.82	ng	# 1

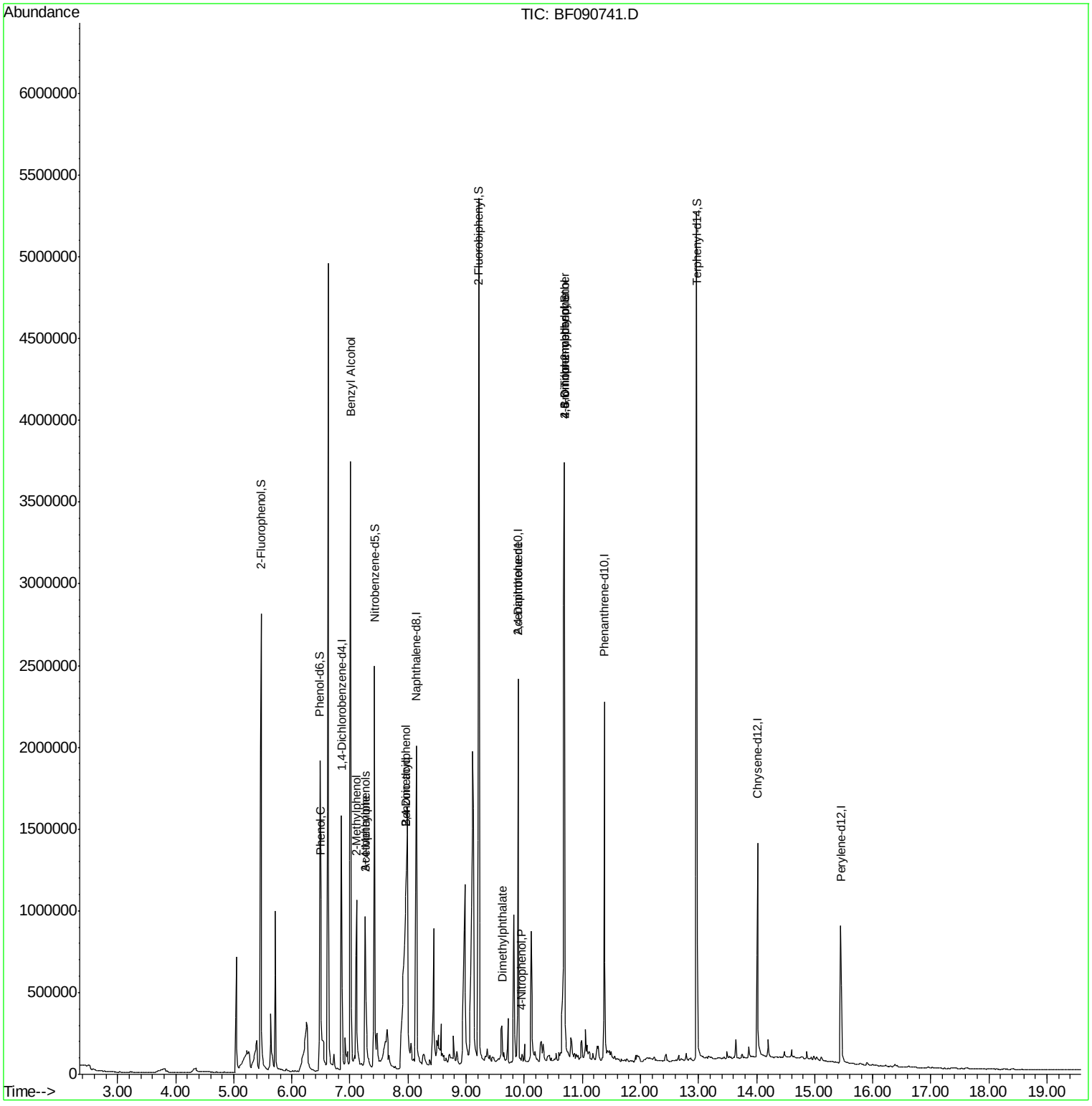
(#) = qualifier out of range (m) = manual integration (+) = signals summed

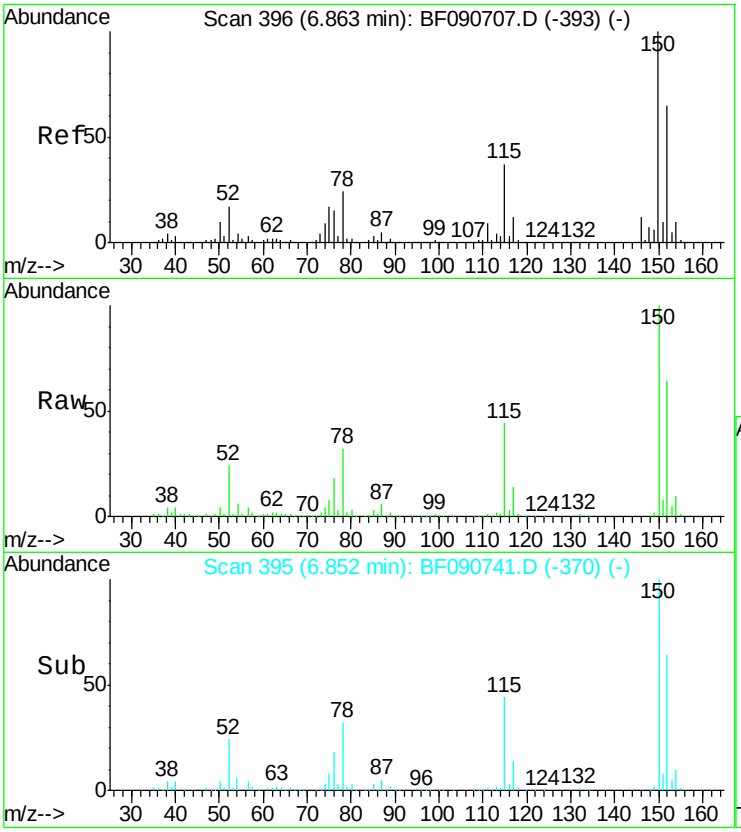
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090741.D
Acq On : 22 Oct 2016 5:34
Operator : UM/SJ
Sample : H5308-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-105D

Quant Time: Oct 22 06:33:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration



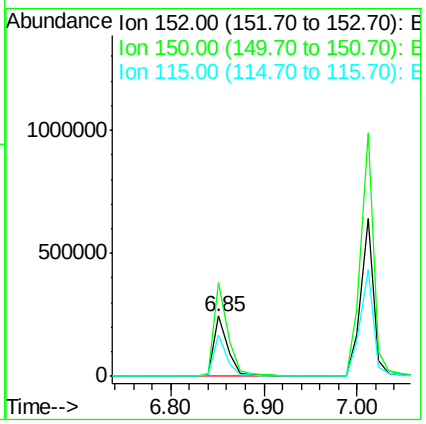


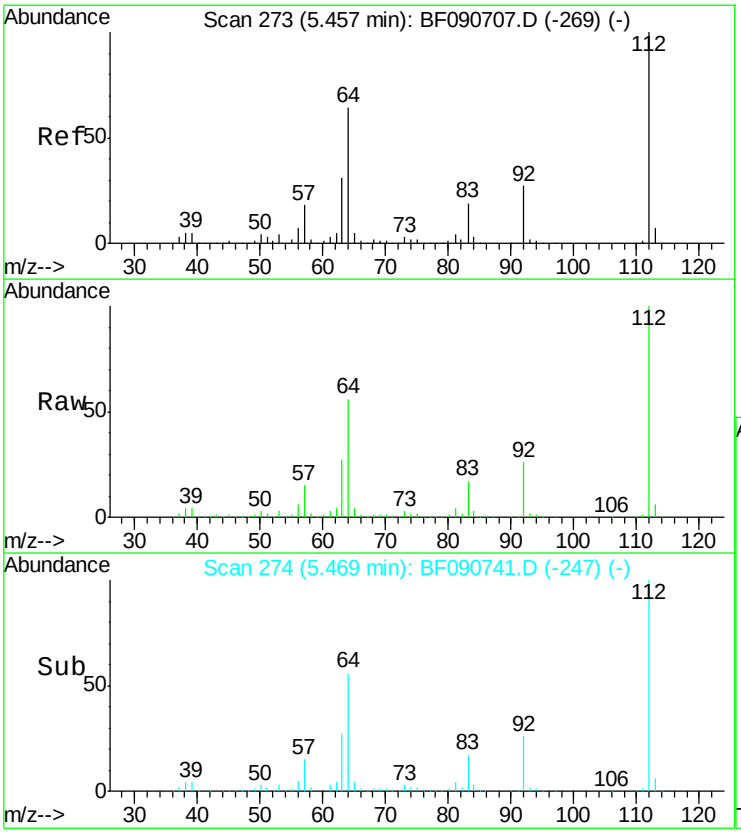
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:152 Resp: 263604

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.7	187.1
115	69.7	39.0	58.4#

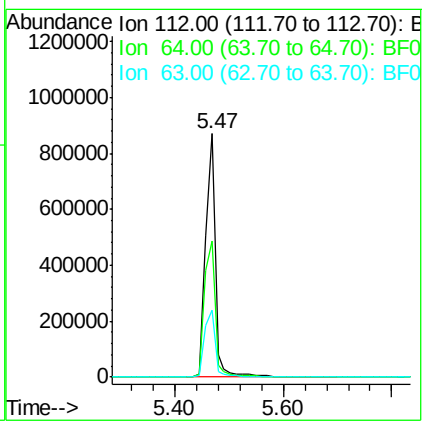


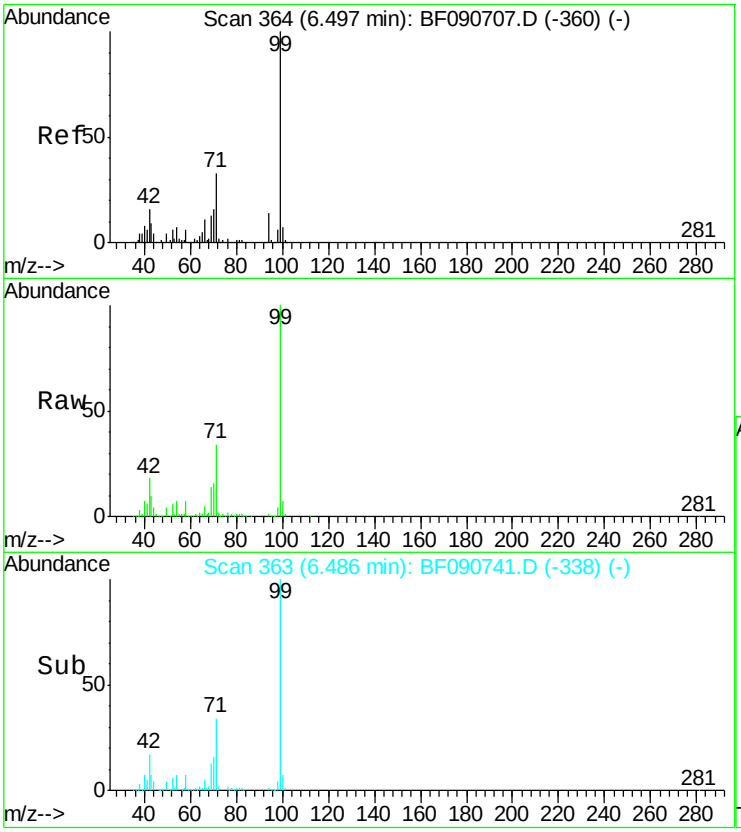


#5
2-Fluorophenol
Concen: 66.63 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion:112 Resp: 1089154

Ion	Ratio	Lower	Upper
112	100		
64	56.1	39.7	59.5
63	27.3	17.4	26.0#



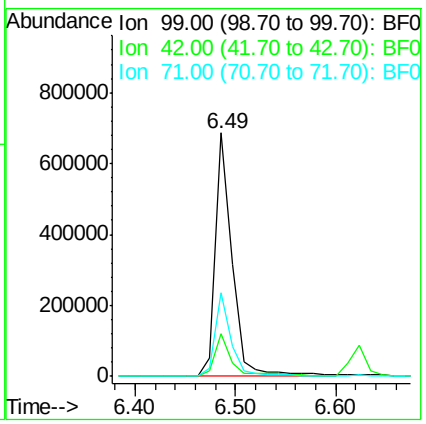


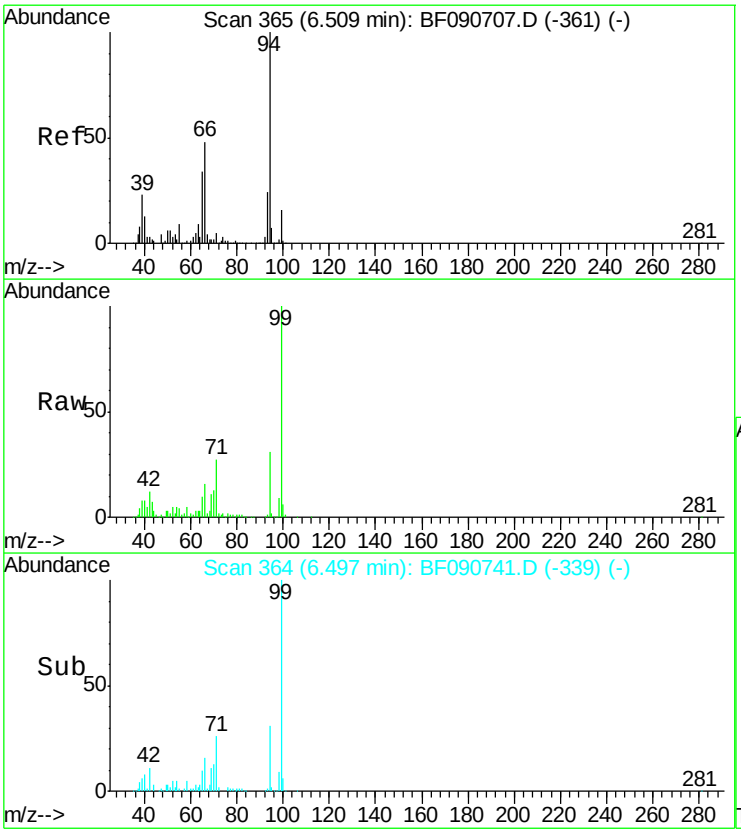
#7
Phenol-d6
Concen: 36.34 ng
RT: 6.49 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion: 99 Resp: 804492

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.7	20.5
71	34.3	14.2	21.2#

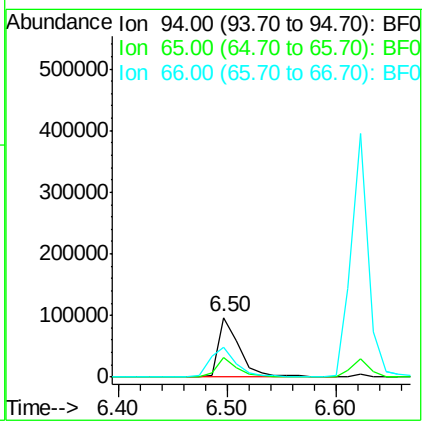


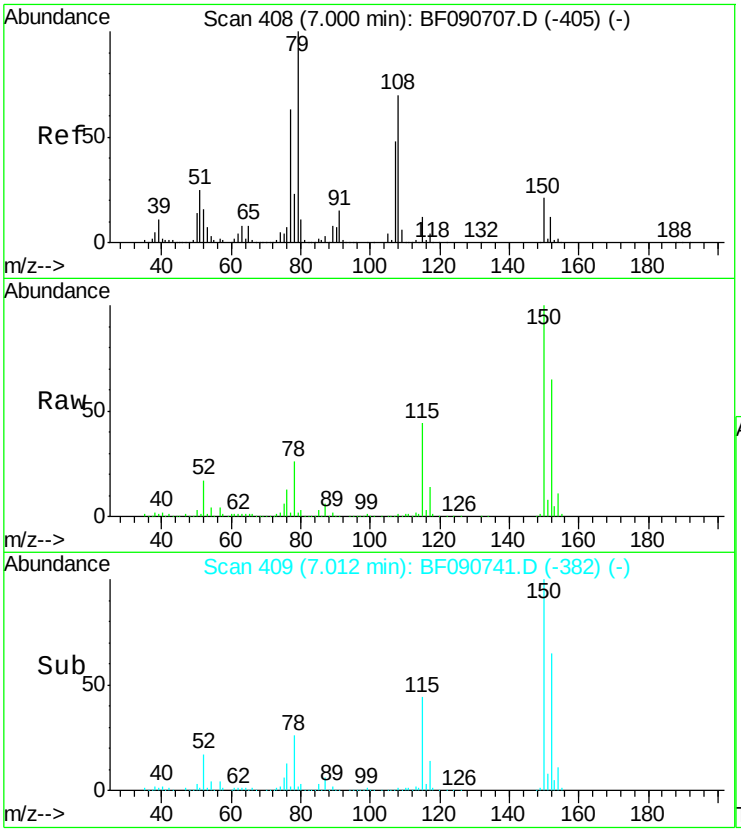


#10
Phenol
Concen: 5.36 ng
RT: 6.50 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion: 94 Resp: 133444

Ion	Ratio	Lower	Upper
94	100		
65	33.0	0.7	40.7
66	50.8	0.8	40.8#



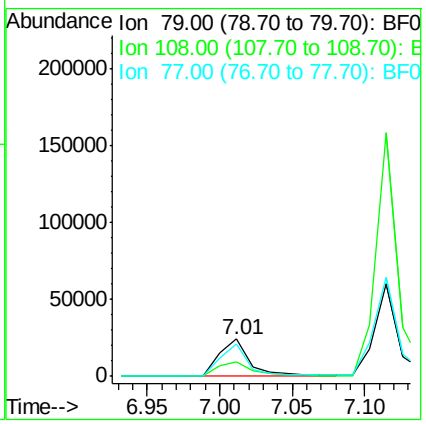


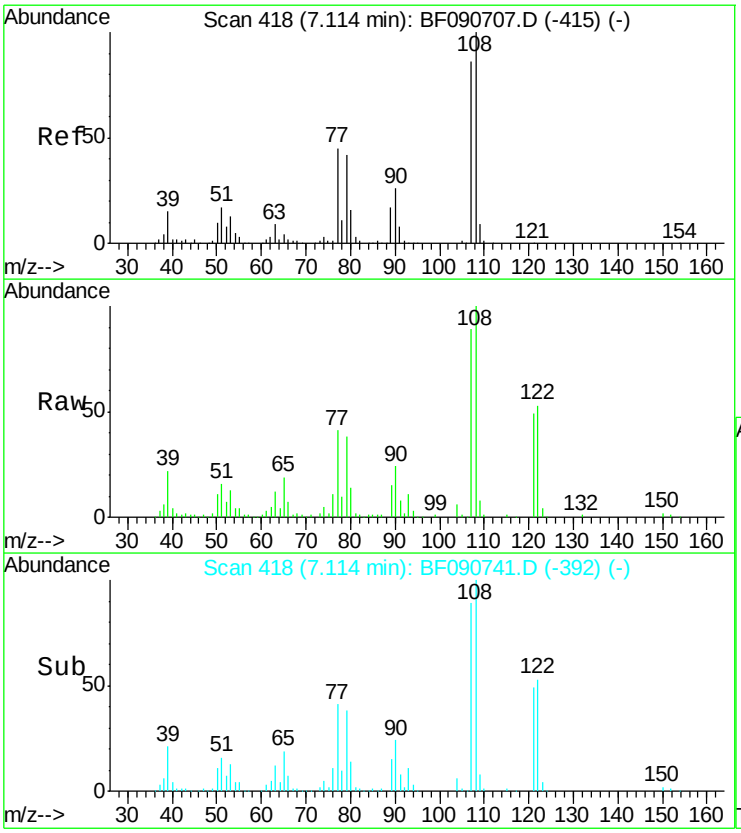
#15
Benzyl Alcohol
Concen: 2.47 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion: 79 Resp: 37145

Ion	Ratio	Lower	Upper
79	100		
108	40.1	88.6	132.8#
77	88.1	47.0	70.4#

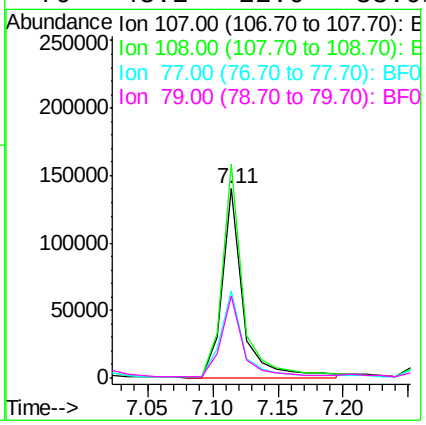


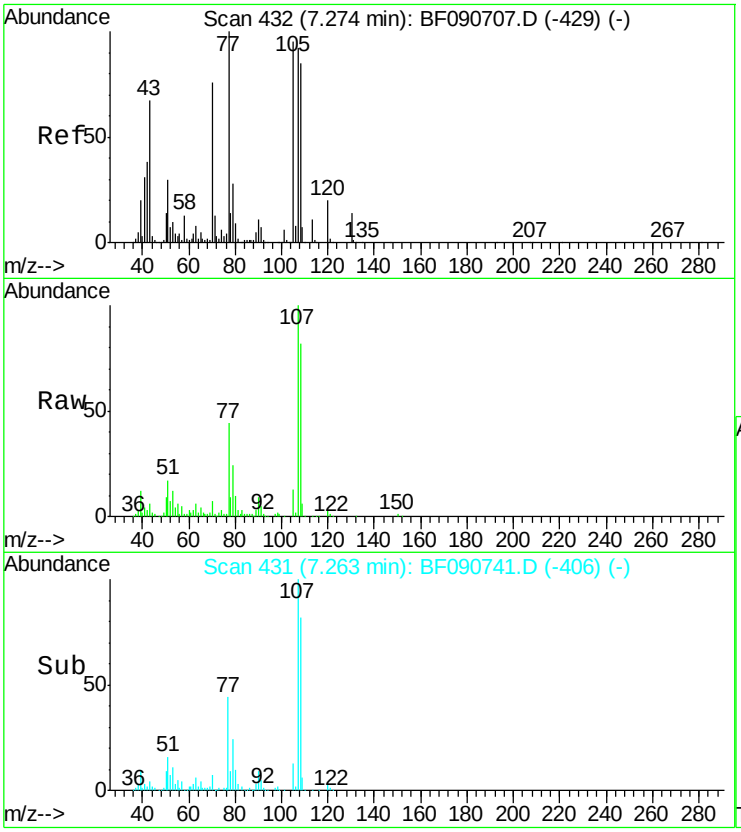


#17
2-Methylphenol
Concen: 10.57 ng
RT: 7.11 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion:107 Resp: 156305

Ion	Ratio	Lower	Upper
107	100		
108	112.9	96.6	145.0
77	46.0	23.3	34.9#
79	43.2	22.0	33.0#



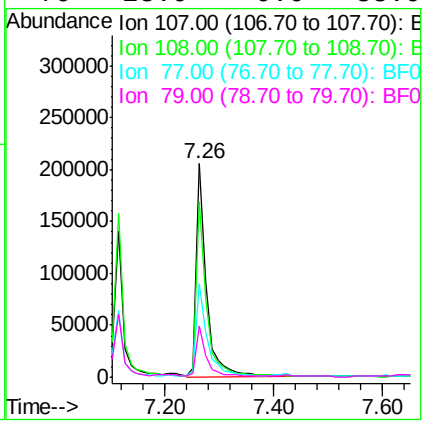


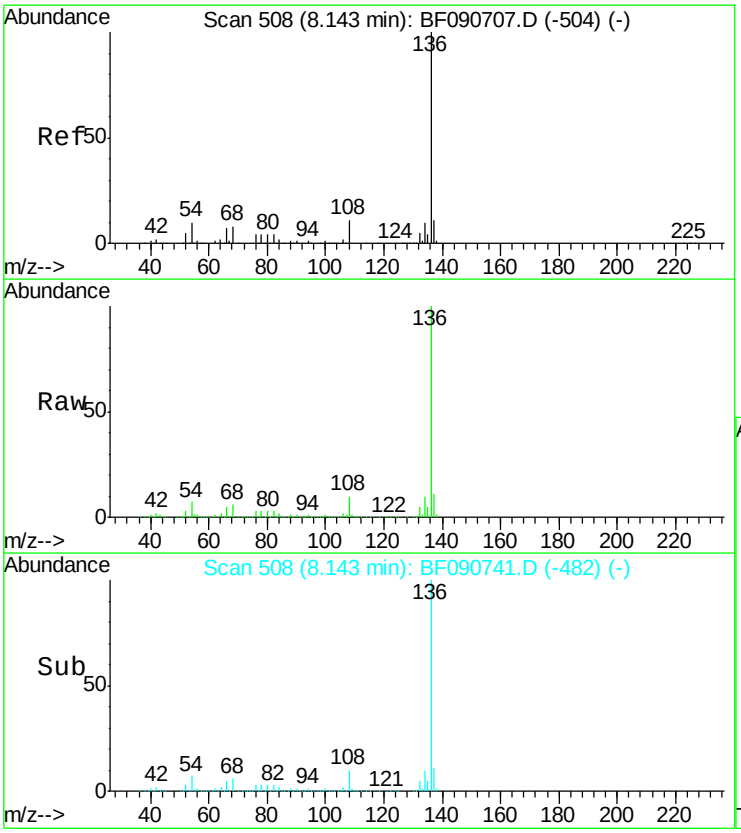
#20
3+4-Methylphenols
Concen: 15.03 ng
RT: 7.26 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:107 Resp: 263453

Ion	Ratio	Lower	Upper
107	100		
108	82.0	74.6	114.6
77	43.8	0.7	40.7#
79	23.9	0.0	38.9

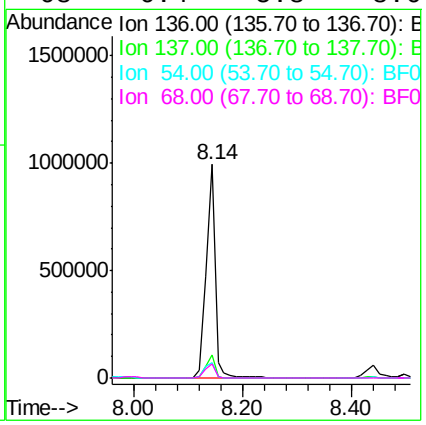


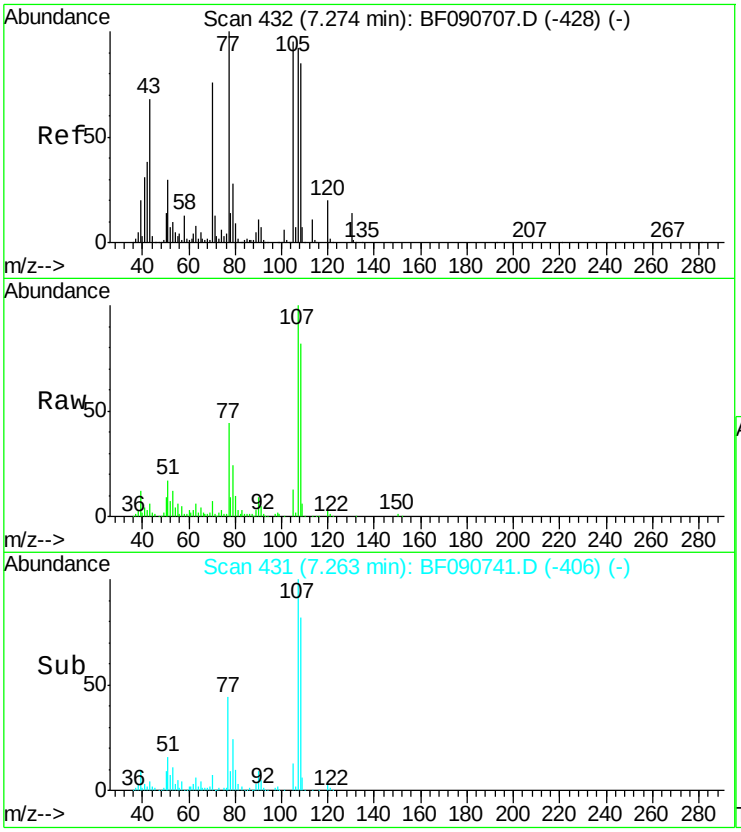


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion:136 Resp: 1133992

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.1	8.2	12.2#
68	6.4	5.8	8.6



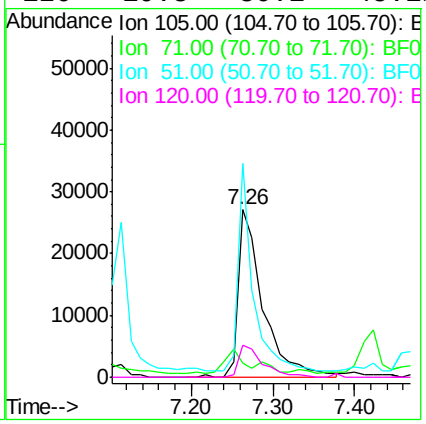


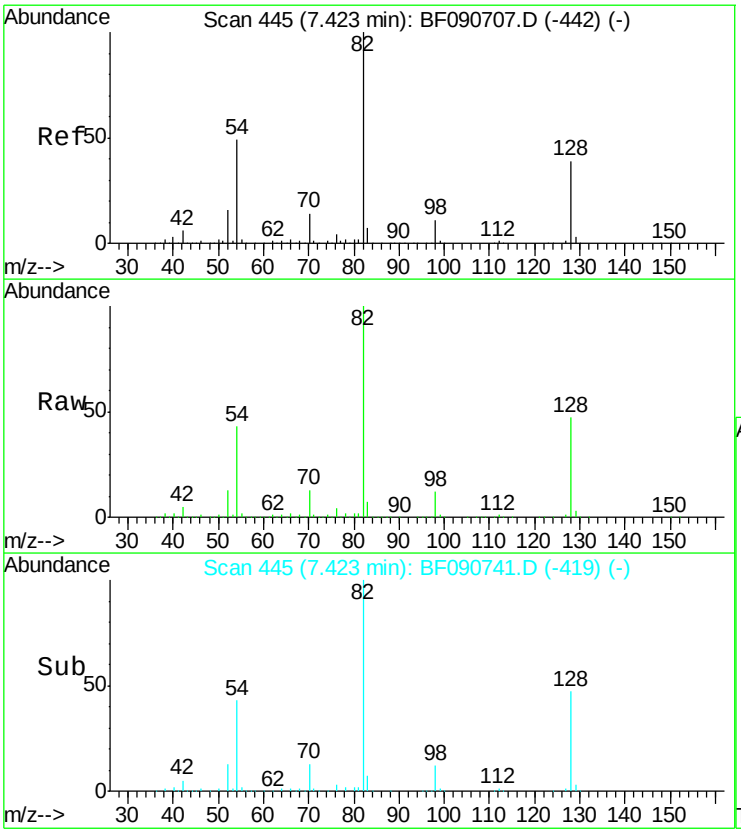
#22
Acetophenone
Concen: 2.26 ng
RT: 7.26 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:105 Resp: 57183

Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.7	7.1#
51	127.6	22.0	33.0#
120	19.3	30.1	45.1#

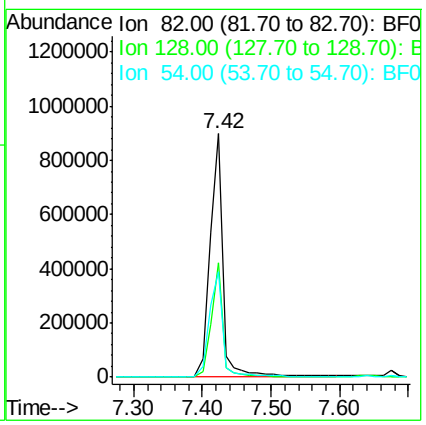


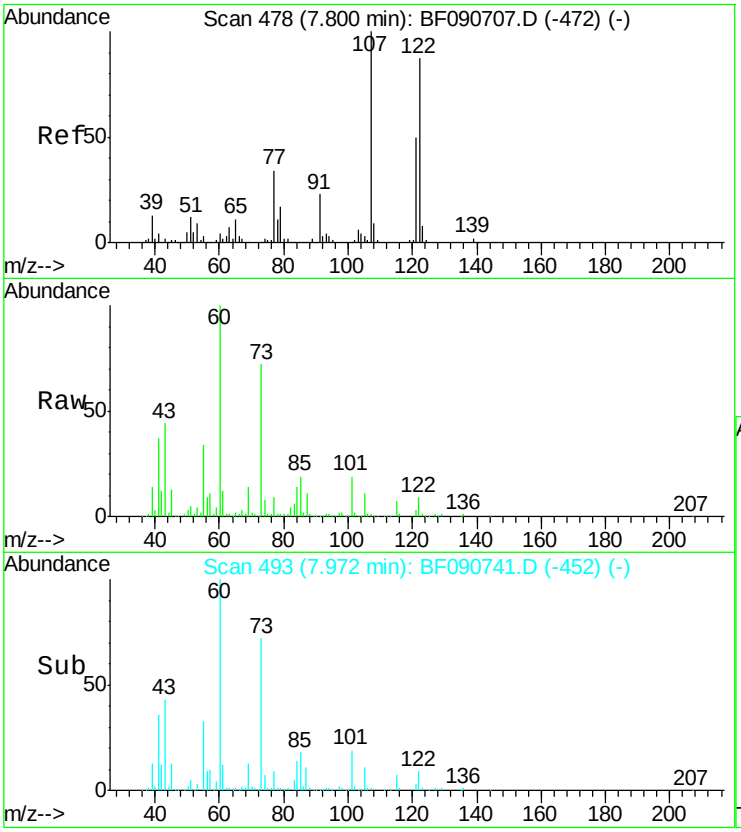


#23
Nitrobenzene-d5
Concen: 57.96 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion: 82 Resp: 1198329

Ion	Ratio	Lower	Upper
82	100		
128	46.7	51.0	76.6#
54	43.2	47.5	71.3#



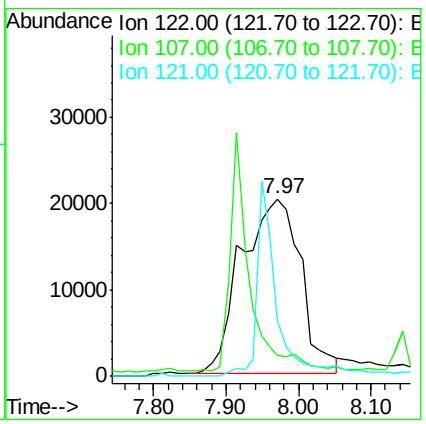


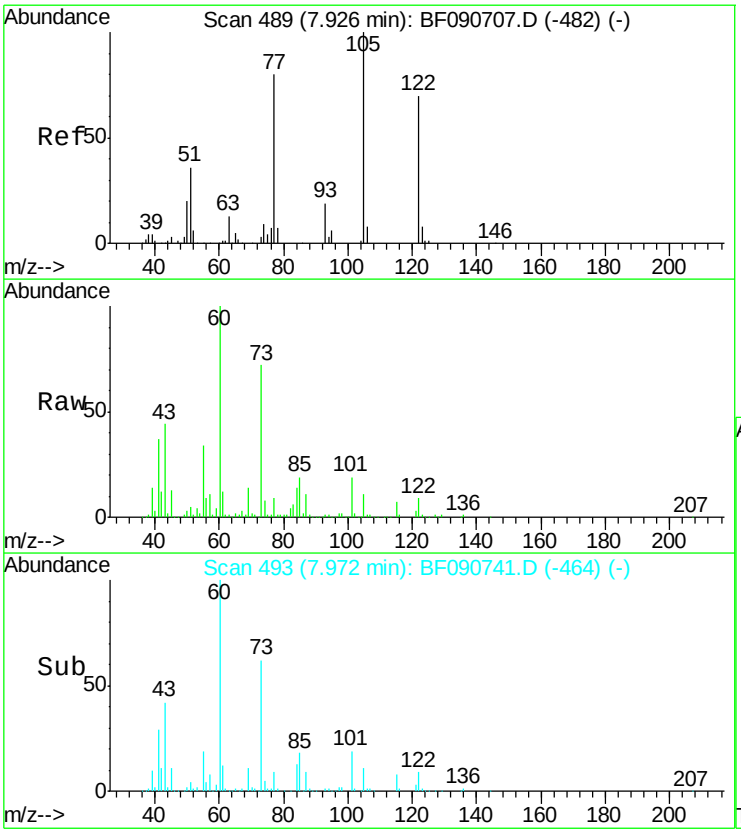
#27
2,4-Dimethylphenol
Concen: 7.15 ng
RT: 7.97 min Scan# 493
Delta R.T. 0.17 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:122 Resp: 116168

Ion	Ratio	Lower	Upper
122	100		
107	11.8	71.8	107.6#
121	31.2	42.3	63.5#

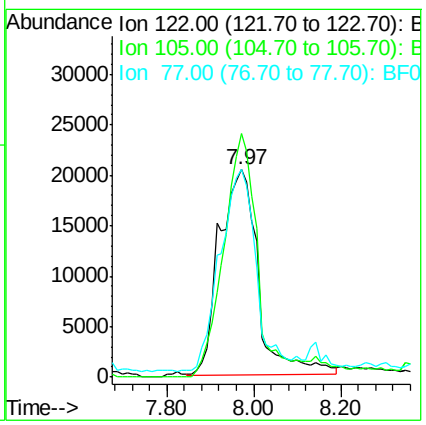


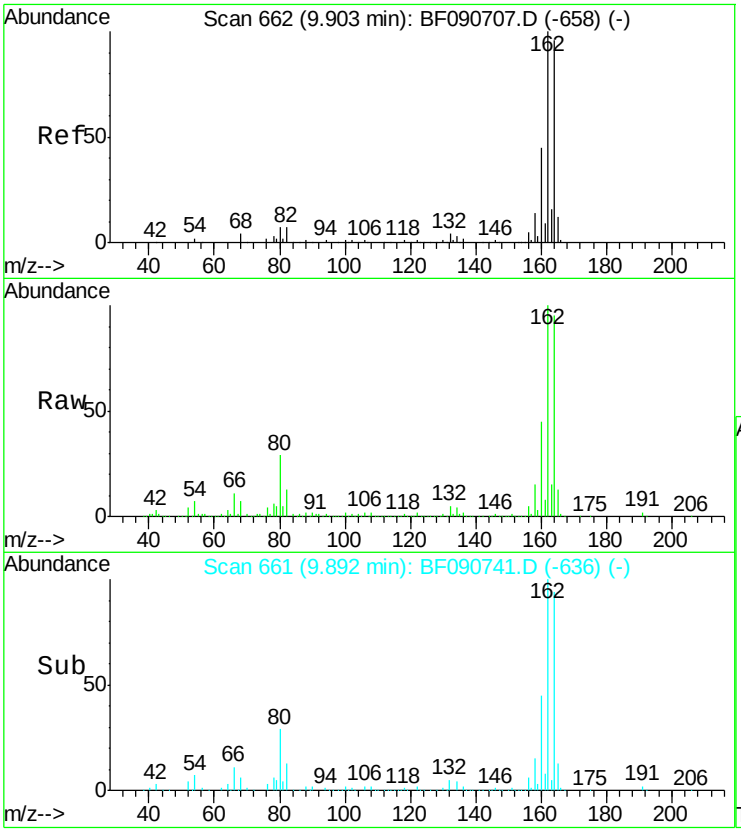


#32
Benzoic acid
Concen: 16.86 ng
RT: 7.97 min Scan# 493
Delta R.T. 0.03 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion:122 Resp: 126523

Ion	Ratio	Lower	Upper
122	100		
105	117.4	76.1	116.1#
77	100.5	40.5	80.5#



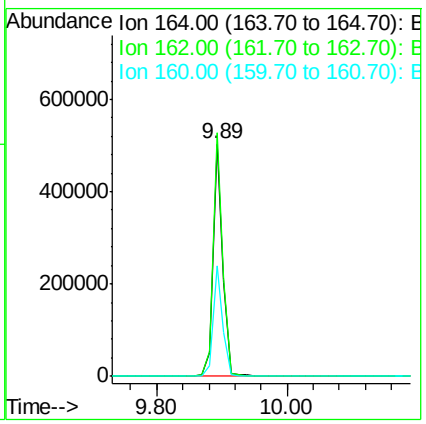


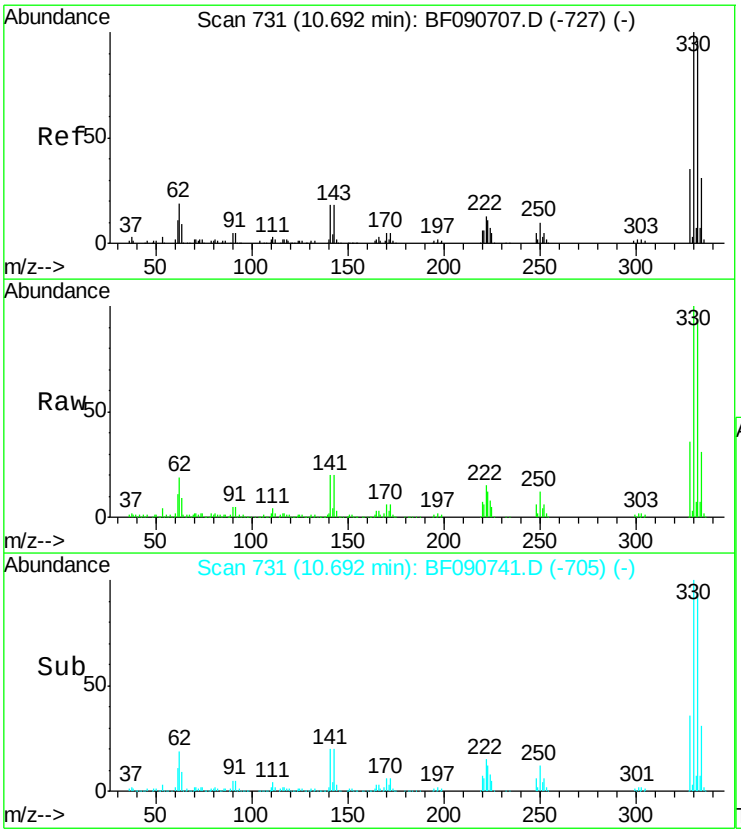
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:164 Resp: 536663

Ion	Ratio	Lower	Upper
164	100		
162	104.9	75.2	112.8
160	47.5	31.5	47.3#

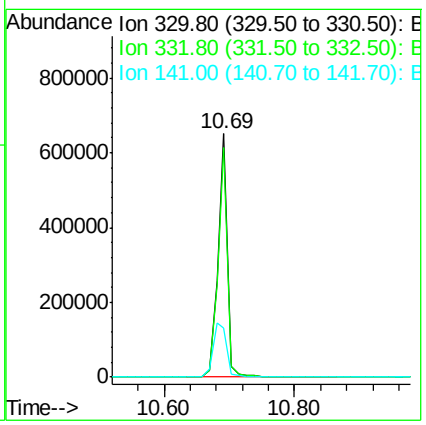


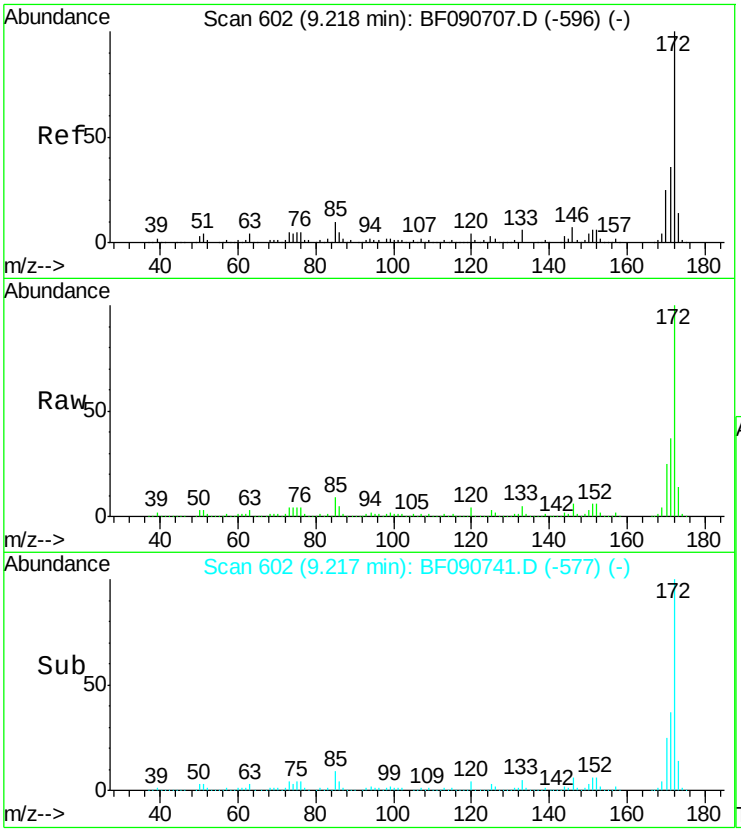


#41
2,4,6-Tribromophenol
Concen: 159.78 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion:330 Resp: 678691

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	32.0	29.7	44.5



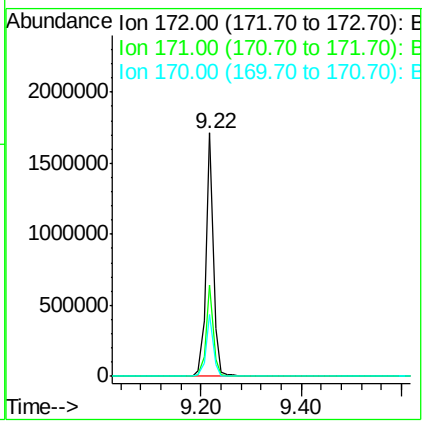


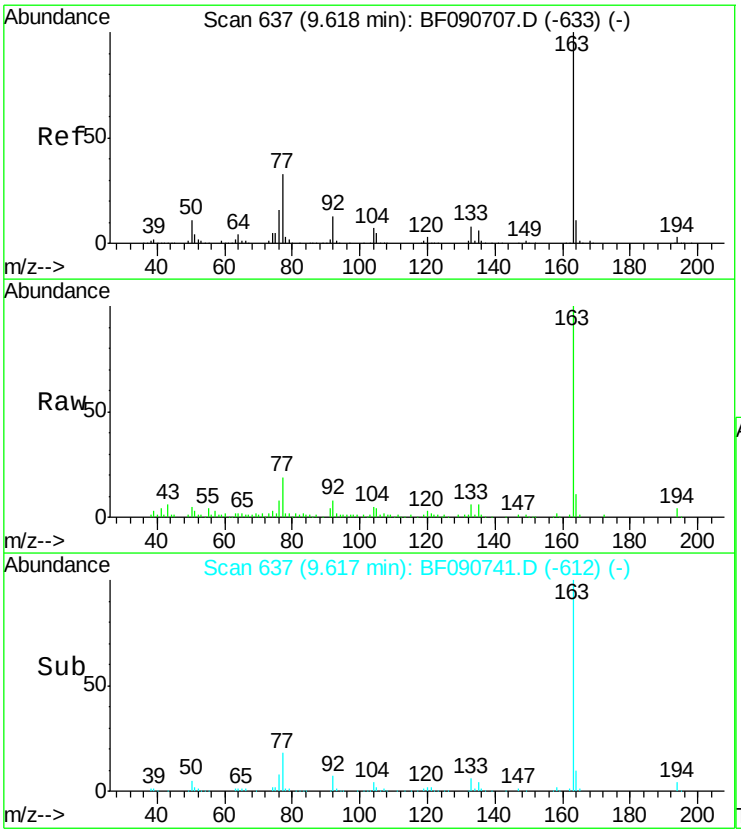
#44
2-Fluorobiphenyl
Concen: 51.02 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:172 Resp: 1763856

Ion	Ratio	Lower	Upper
172	100		
171	37.3	26.1	39.1
170	25.4	17.4	26.2

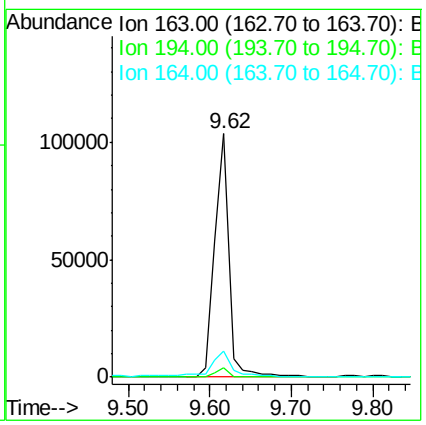


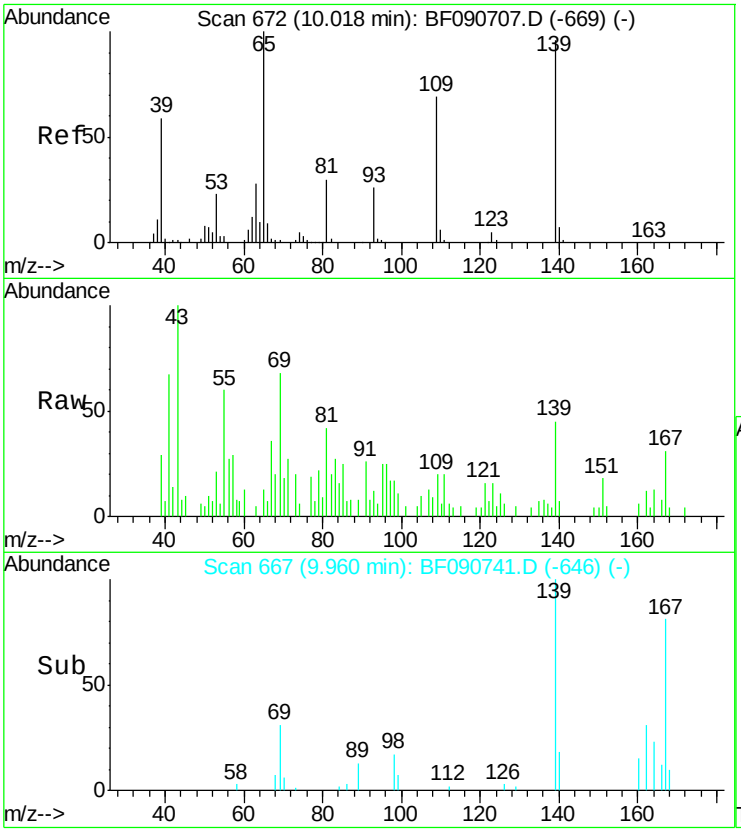


#49
Dimethylphthalate
Concen: 3.74 ng
RT: 9.62 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion:163 Resp: 126191

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.4	6.6#
164	10.8	8.3	12.5



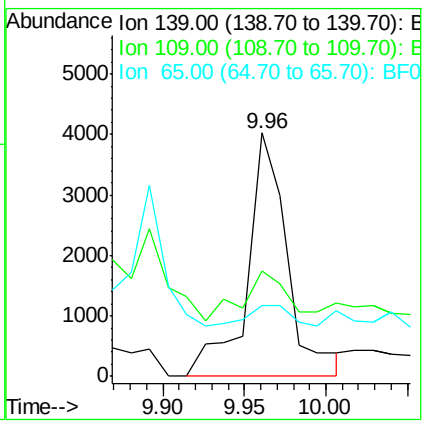


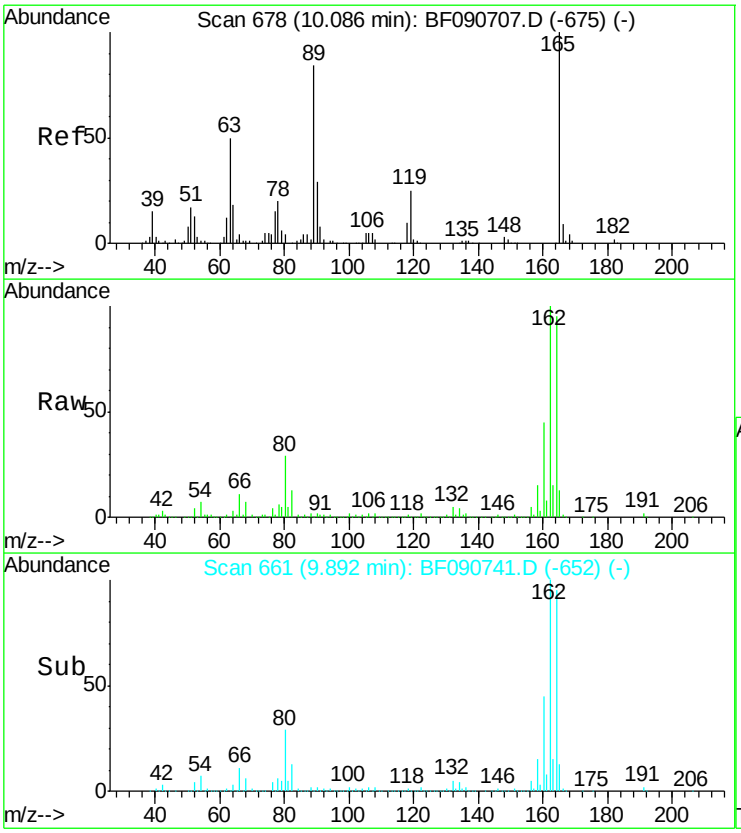
#55
4-Nitrophenol
Concen: 7.18 ng
RT: 9.96 min Scan# 667
Delta R.T. -0.06 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:139 Resp: 6908

Ion	Ratio	Lower	Upper
139	100		
109	43.4	12.7	52.7
65	29.0	45.9	85.9#

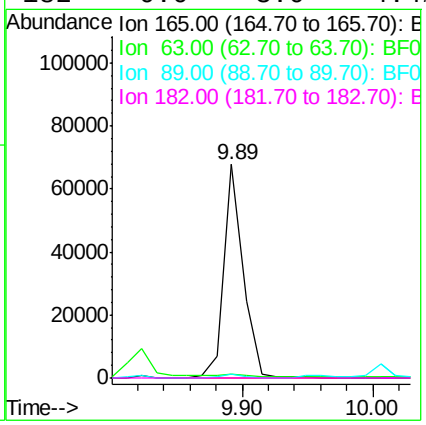


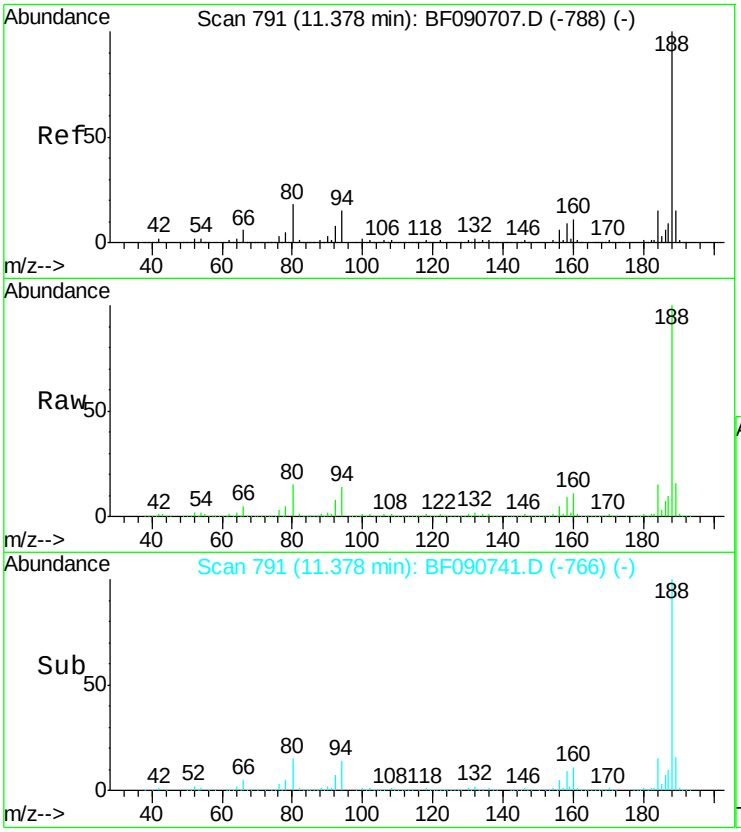


#56
2,4-Dinitrotoluene
Concen: 7.91 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion:165 Resp: 70087

Ion	Ratio	Lower	Upper
165	100		
63	1.8	29.8	44.6#
89	1.6	44.5	66.7#
182	0.0	3.0	4.4#



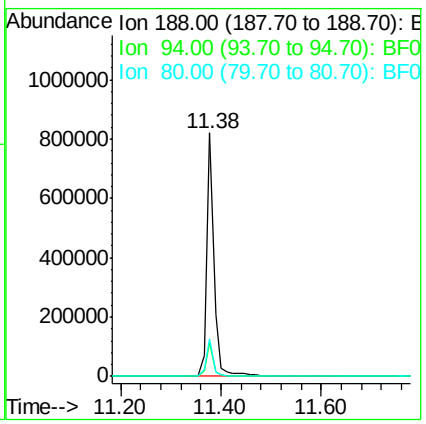


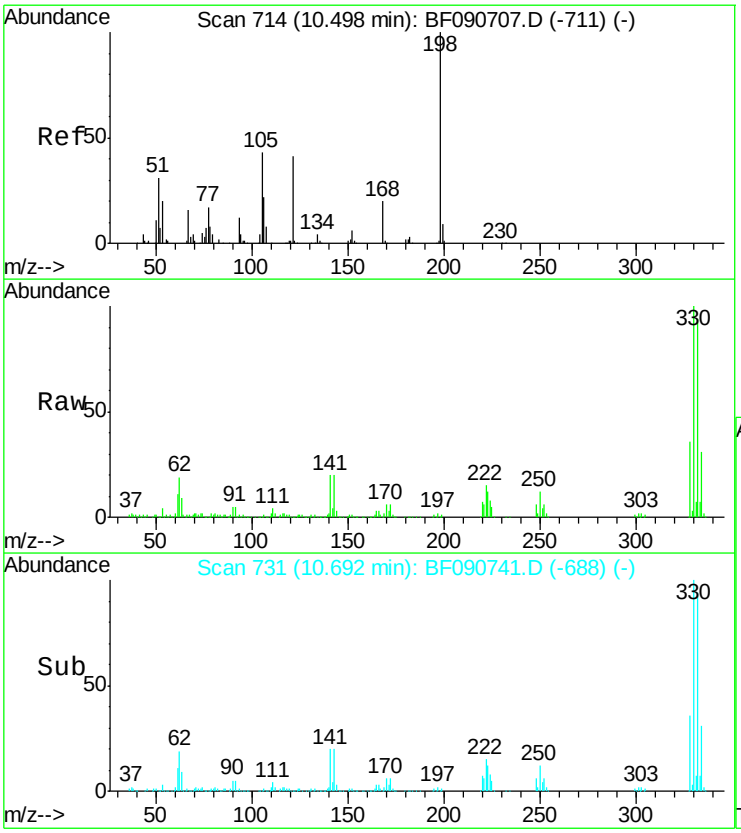
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:188 Resp: 831097

Ion	Ratio	Lower	Upper
188	100		
94	13.6	11.1	16.7
80	15.4	11.0	16.4

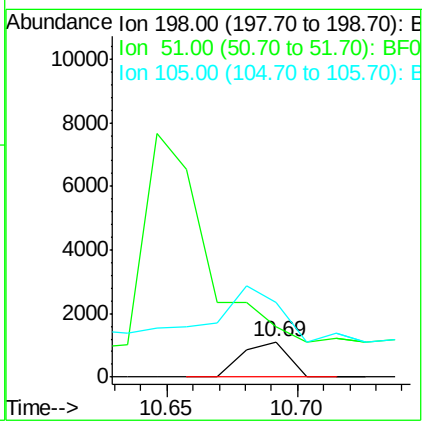


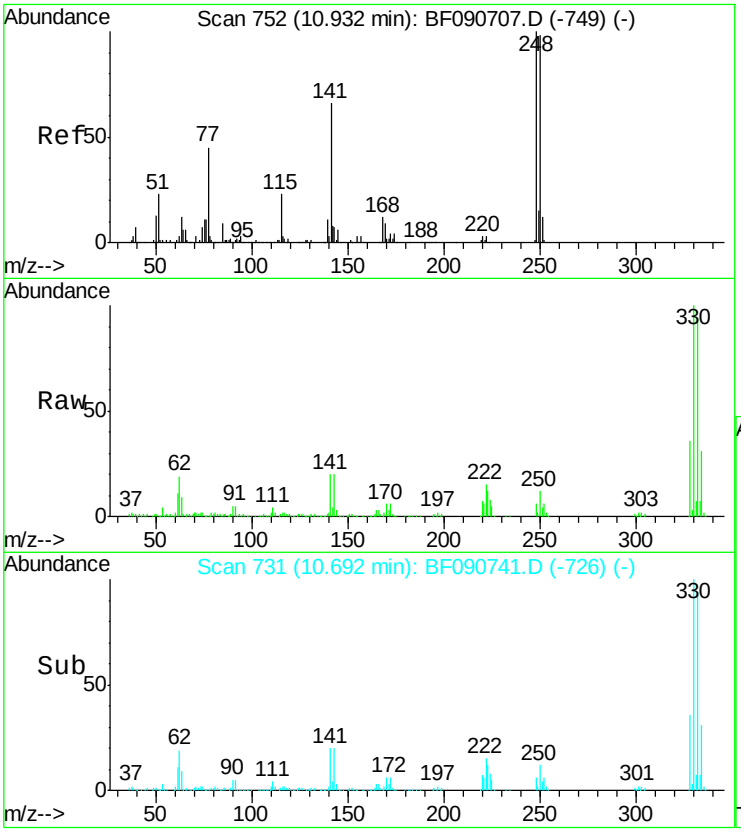


#64
4,6-Dinitro-2-methylphenol
Concen: 4.41 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.19 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion:198 Resp: 1349

Ion	Ratio	Lower	Upper
198	100		
51	143.7	39.6	79.6#
105	211.5	28.5	68.5#



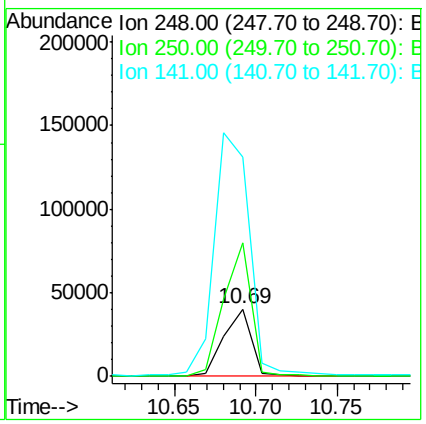


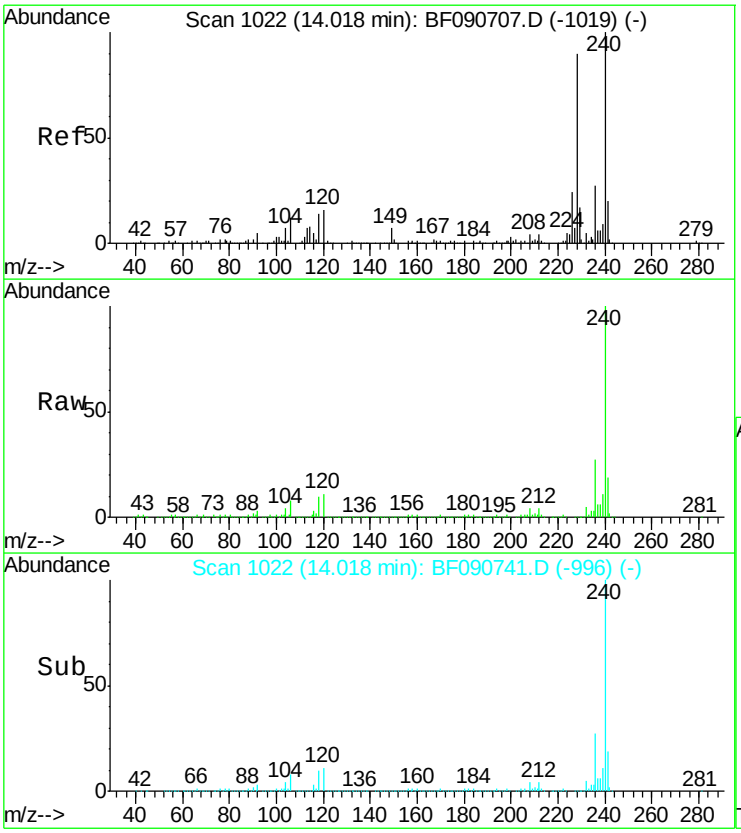
#66
4-Bromophenyl-phenylether
Concen: 5.82 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.24 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:248 Resp: 46928

Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.5	117.7#
141	327.1	59.0	88.6#

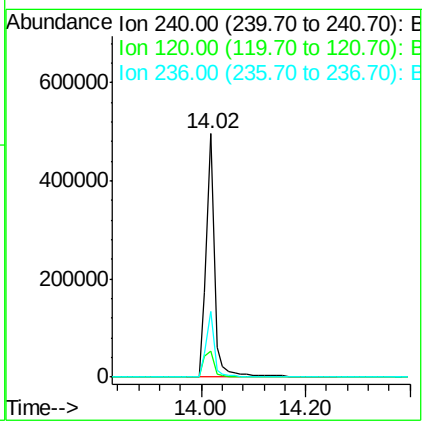


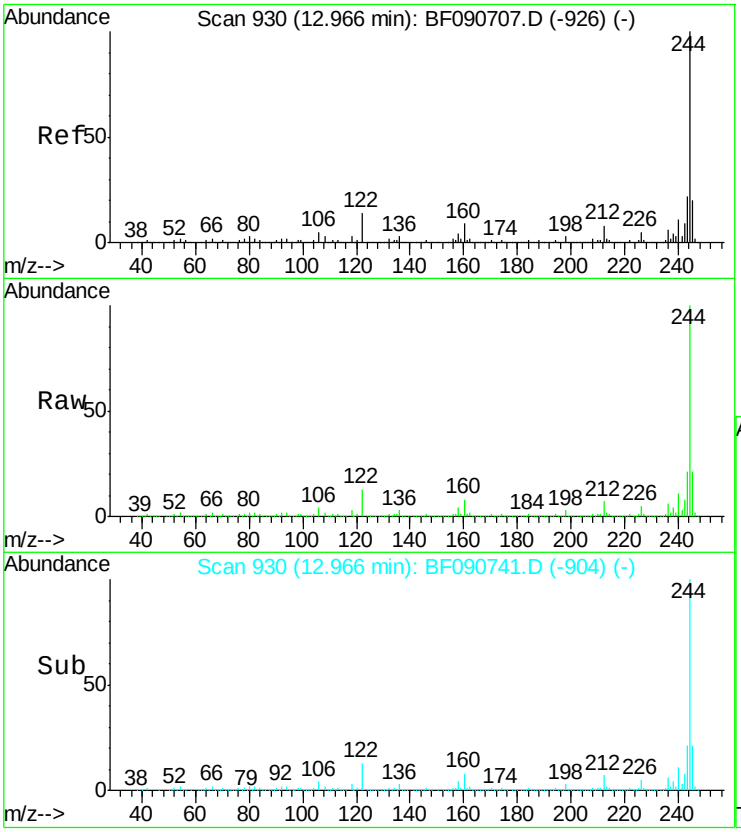


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion:240 Resp: 558919

Ion	Ratio	Lower	Upper
240	100		
120	10.8	16.2	24.2#
236	27.0	18.4	27.6



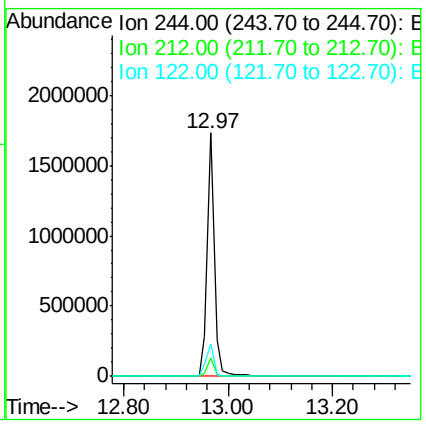


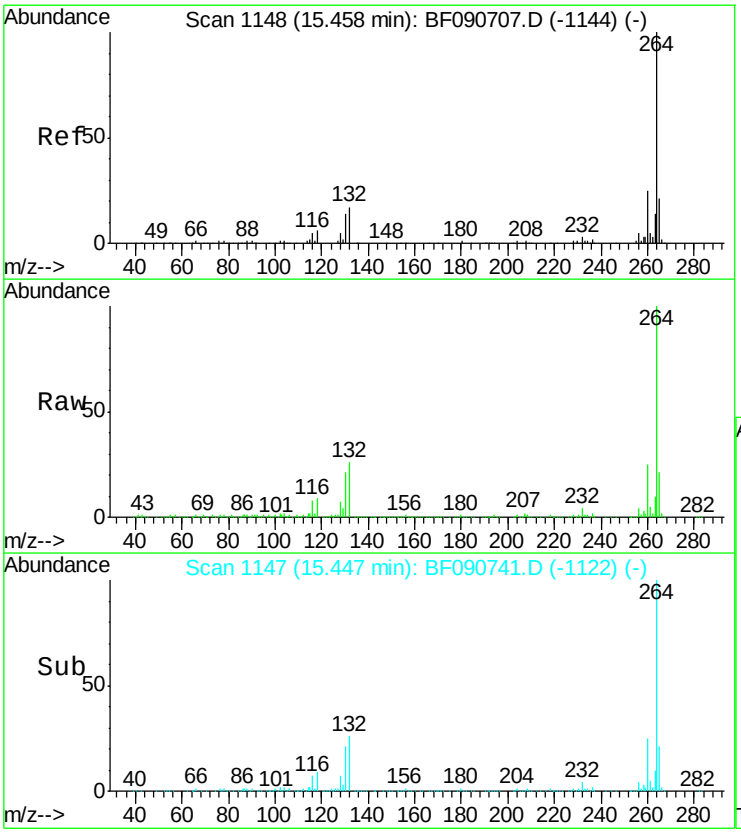
#78
Terphenyl-d14
Concen: 68.02 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:244 Resp: 1658801

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	13.2	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion:264 Resp: 388780

Ion	Ratio	Lower	Upper
264	100		
260	25.5	16.7	25.1#
265	21.3	17.2	25.8