Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090734.D
Acq On : 22 Oct 2016 2:21
Operator : UM/SJ
Sample : H5308-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101D

Quant Time: Oct 22 02:57:37 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	247412	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1073888	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	545620	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	874740	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	632943	20.00	ng	0.00
86) Perylene-d12	15.45	264	420598	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	759874	49.53	ng	0.00
7) Phenol-d6	6.49	99	649316	31.25	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1674464	85.52	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	755031	174.83	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2606986	74.17	ng	-0.01
78) Terphenyl-d14	12.97	244	2739216	99.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	146687	16.52	ng	# 80
9) Benzaldehyde	6.62	77	31617	2.78	ng	# 65
19) n-Nitroso-di-n-propylamine	7.42	70	222435	14.37	ng	# 51
49) Dimethylphthalate	9.61	163	170600	4.98	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	70611	9.58	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	71163	7.90	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1246	4.38	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	48450	5.71	ng	# 1

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

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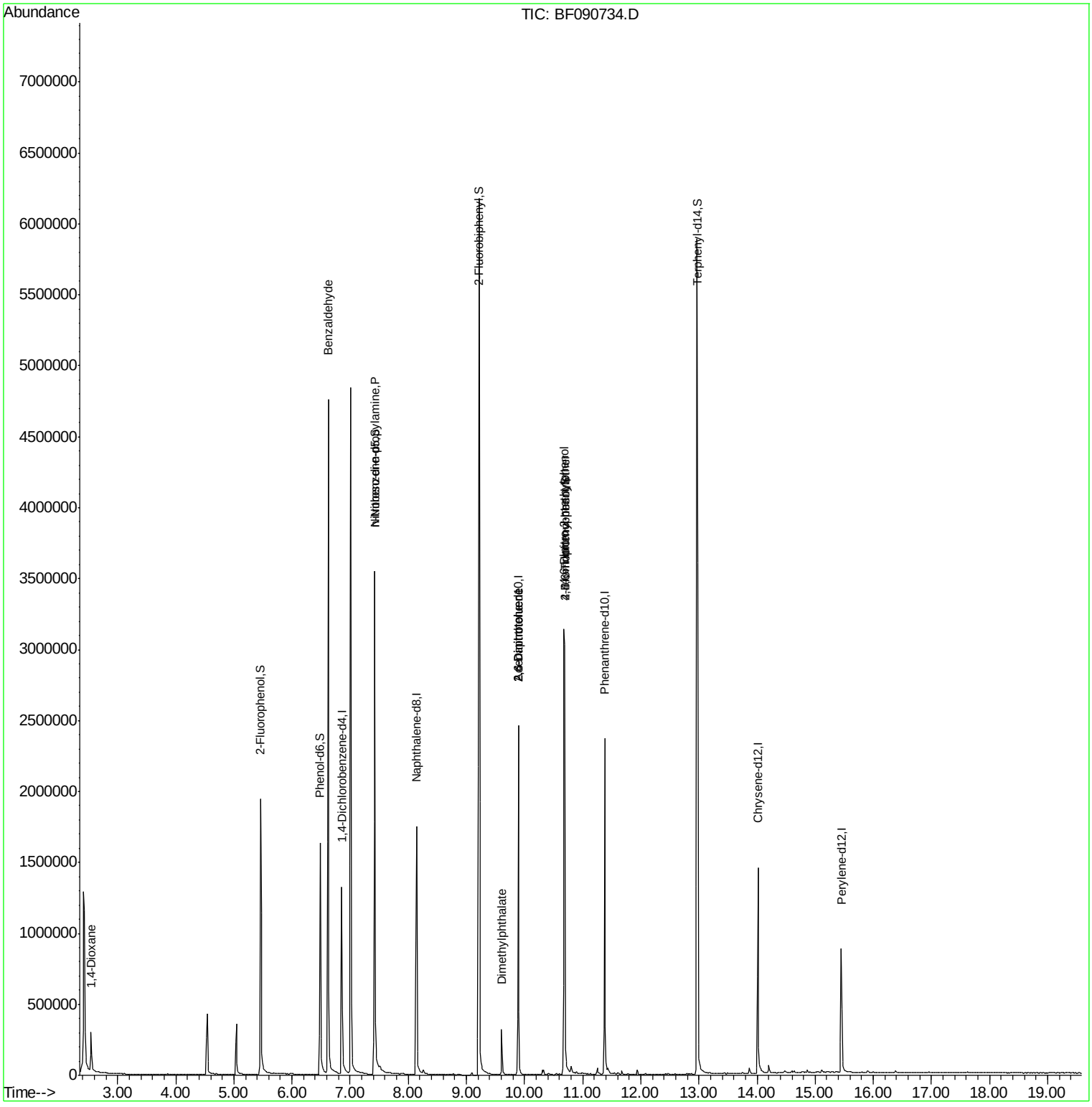
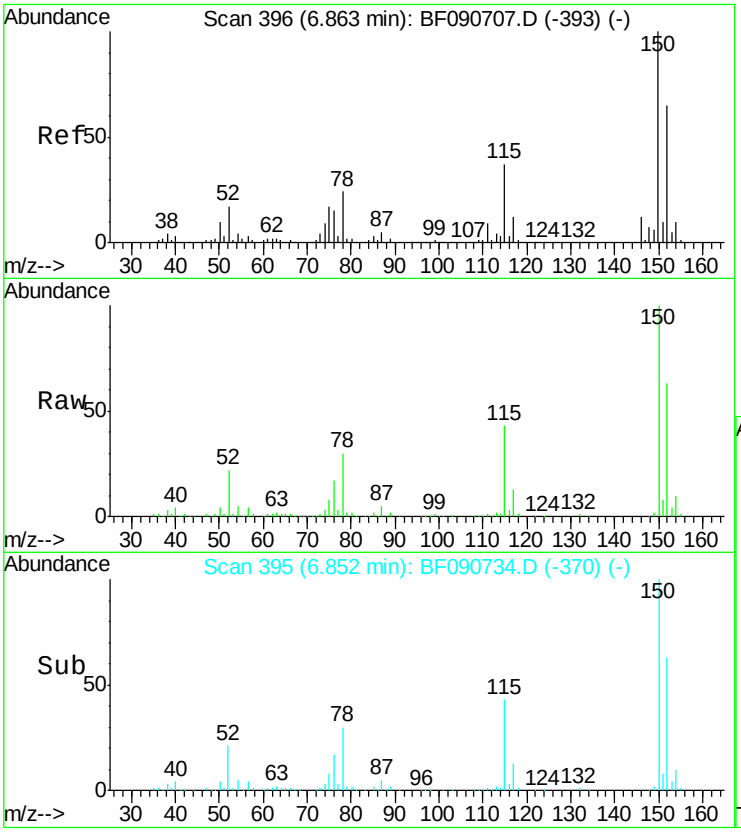


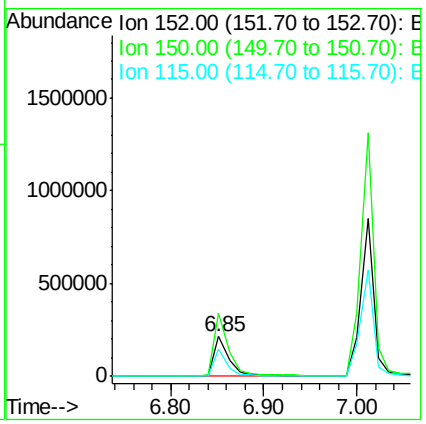


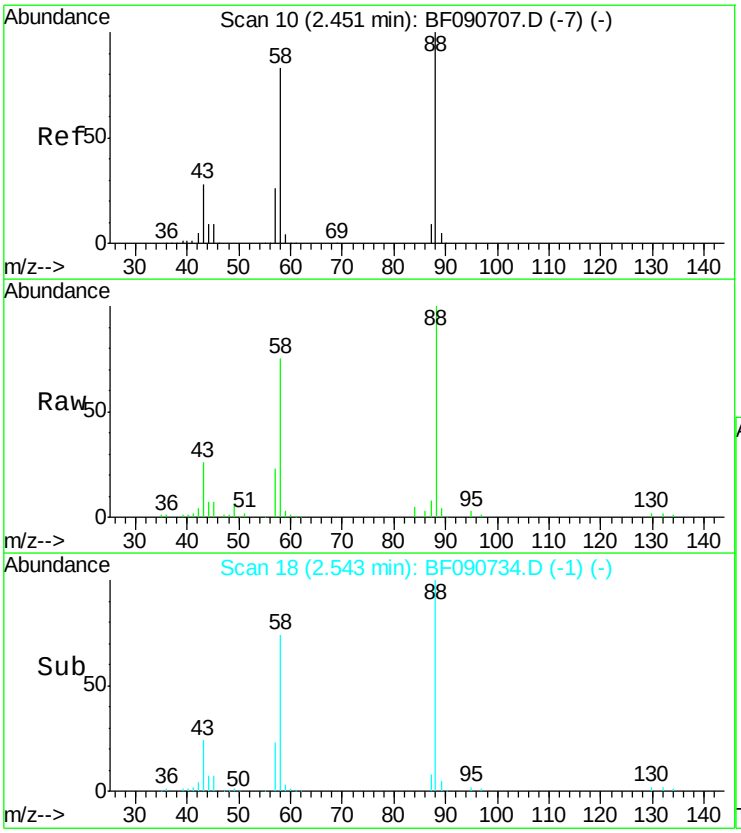
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:152 Resp: 247412

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.7	187.1
115	68.1	39.0	58.4#

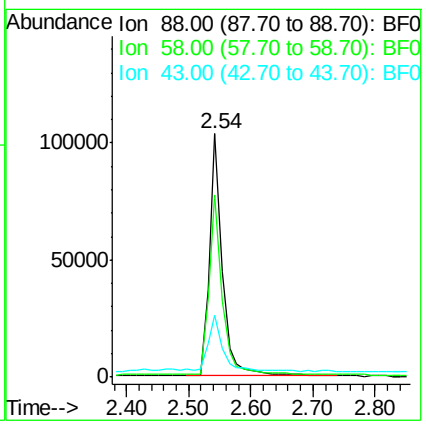


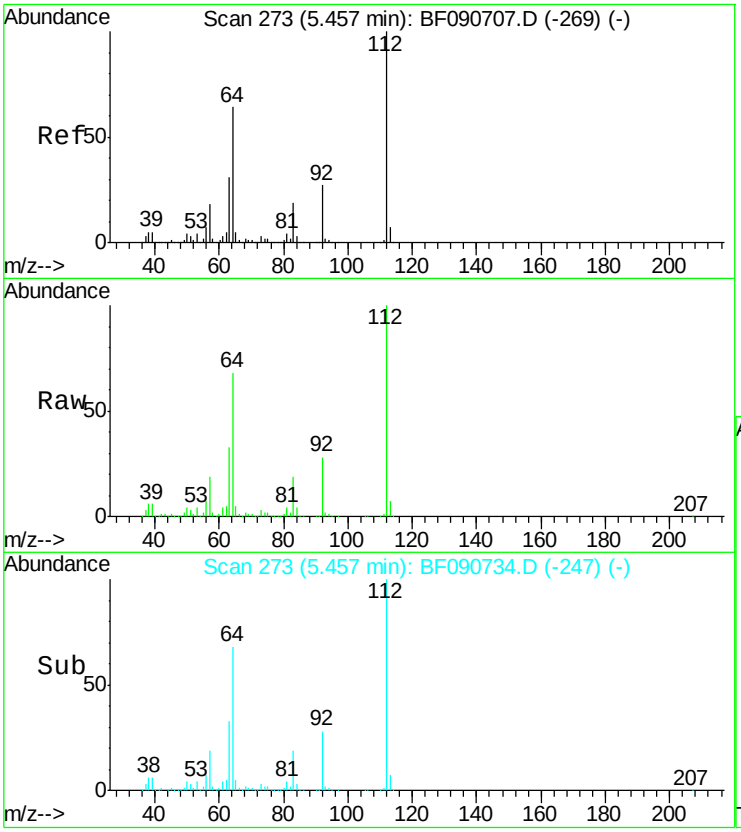


#2
1,4-Dioxane
Concen: 16.52 ng
RT: 2.54 min Scan# 18
Delta R.T. 0.06 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion: 88 Resp: 146687

Ion	Ratio	Lower	Upper
88	100		
58	75.5	77.7	116.5#
43	24.9	26.6	40.0#



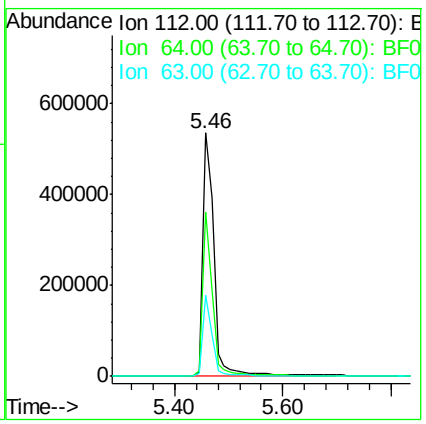


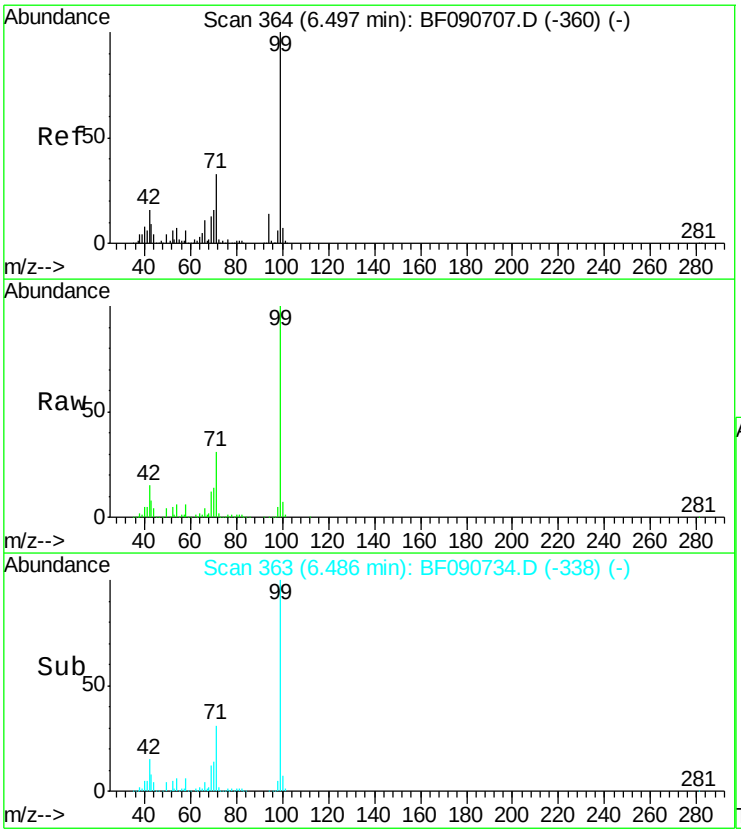
#5
2-Fluorophenol
Concen: 49.53 ng
RT: 5.46 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:112 Resp: 759874

Ion	Ratio	Lower	Upper
112	100		
64	67.7	39.7	59.5#
63	33.2	17.4	26.0#

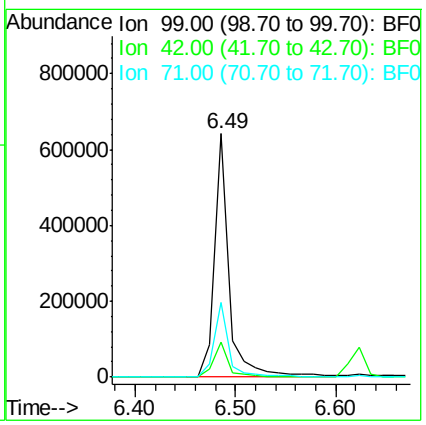


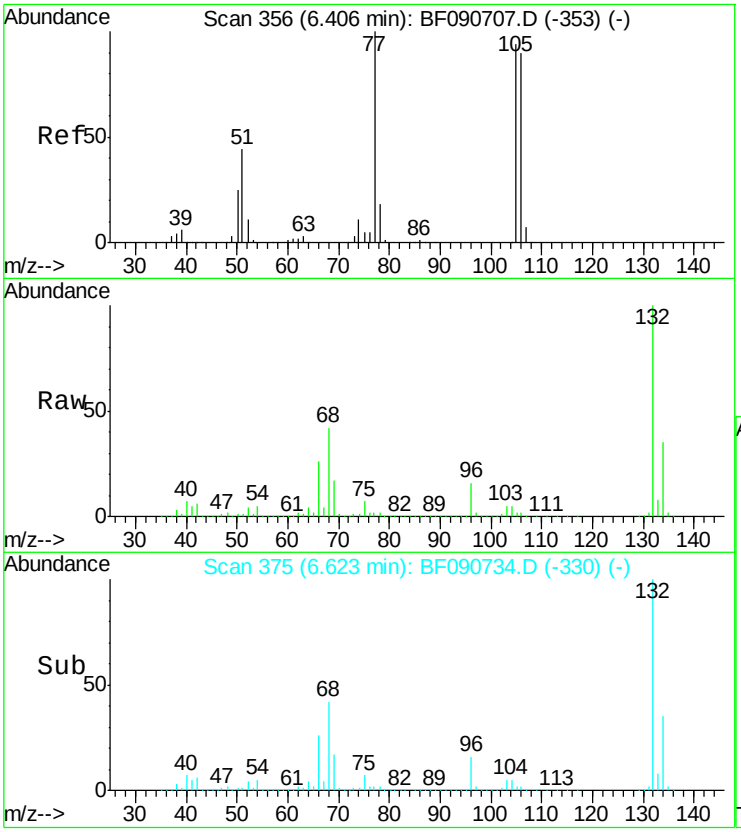


#7
Phenol-d6
Concen: 31.25 ng
RT: 6.49 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion: 99 Resp: 649316

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.7	20.5
71	30.9	14.2	21.2#



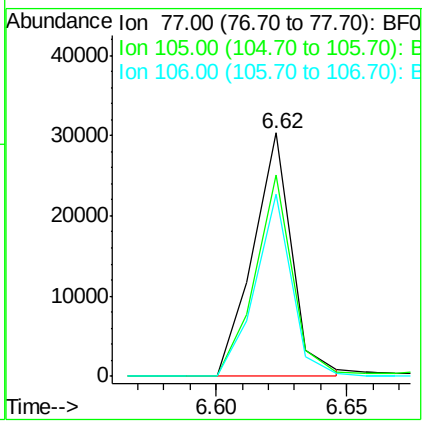


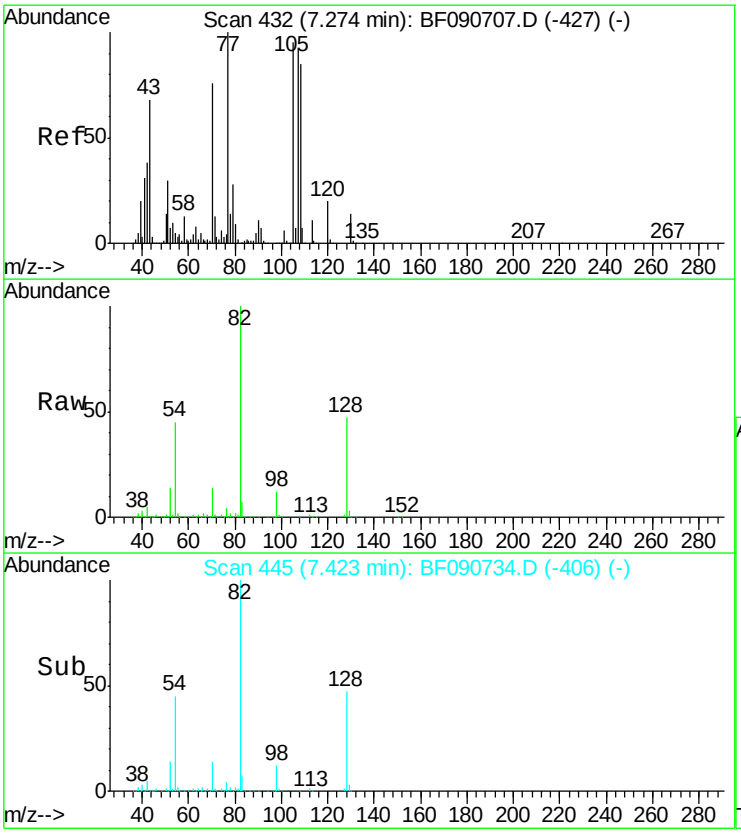
#9
Benzaldehyde
Concen: 2.78 ng
RT: 6.62 min Scan# 375
Delta R.T. 0.22 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion: 77 Resp: 31617

Ion	Ratio	Lower	Upper
77	100		
105	82.7	91.6	131.6#
106	74.9	102.6	142.6#

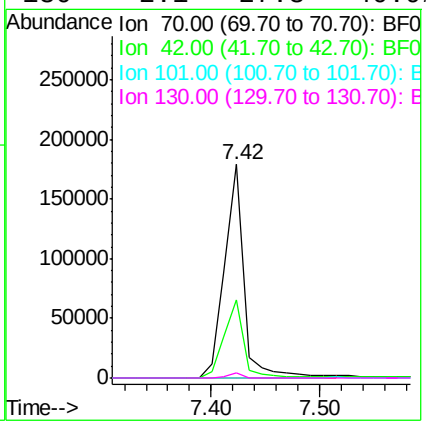


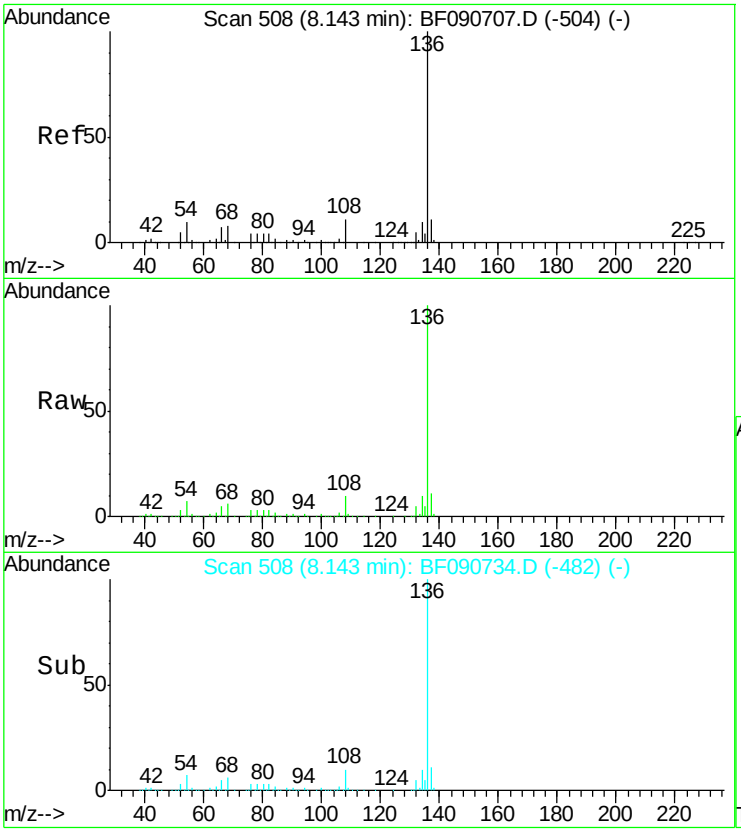


#19
n-Nitroso-di-n-propylamine
Concen: 14.37 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion: 70 Resp: 222435

Ion	Ratio	Lower	Upper
70	100		
42	36.8	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#



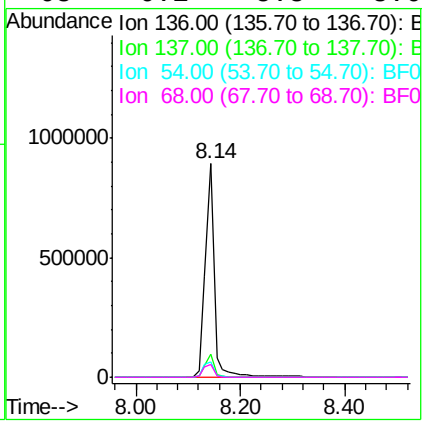


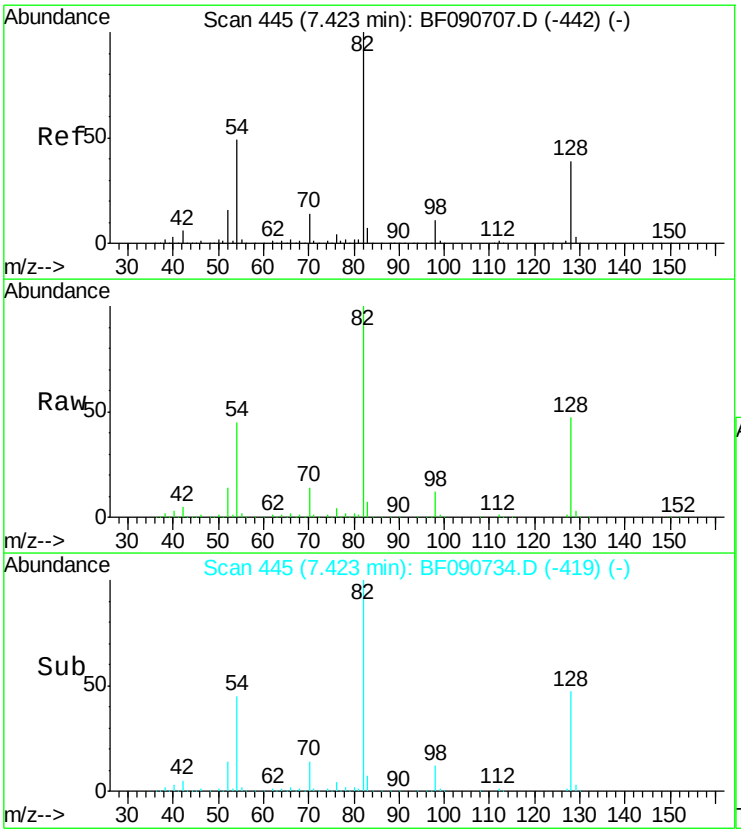
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:136 Resp: 1073888

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.9	8.2	12.2#
68	6.1	5.8	8.6

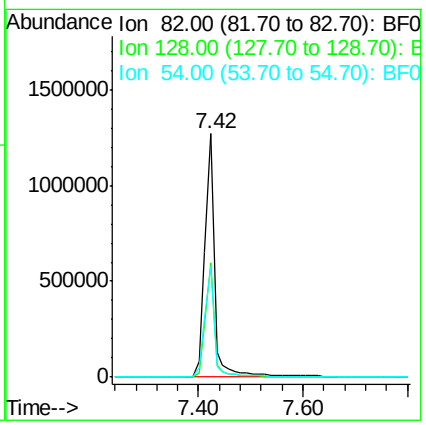


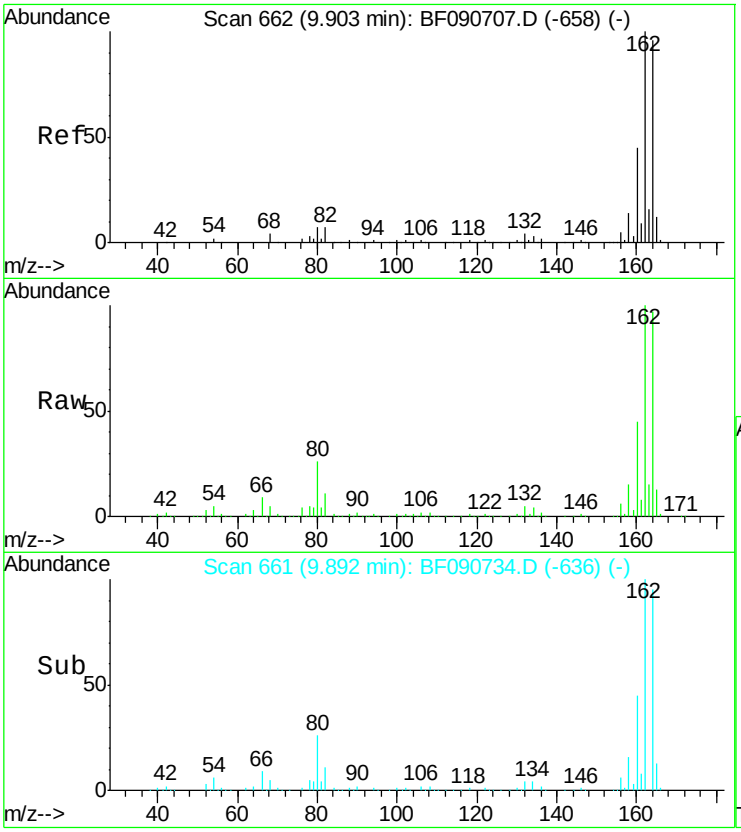


#23
Nitrobenzene-d5
Concen: 85.52 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion: 82 Resp: 1674464

Ion	Ratio	Lower	Upper
82	100		
128	47.0	51.0	76.6#
54	45.3	47.5	71.3#



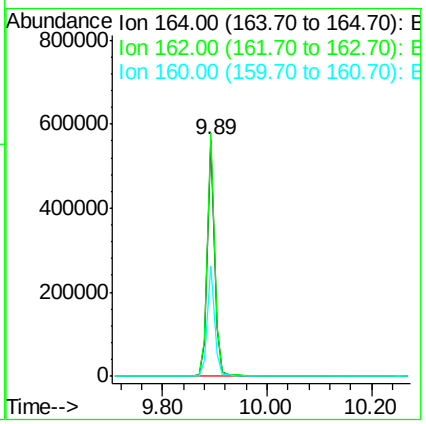


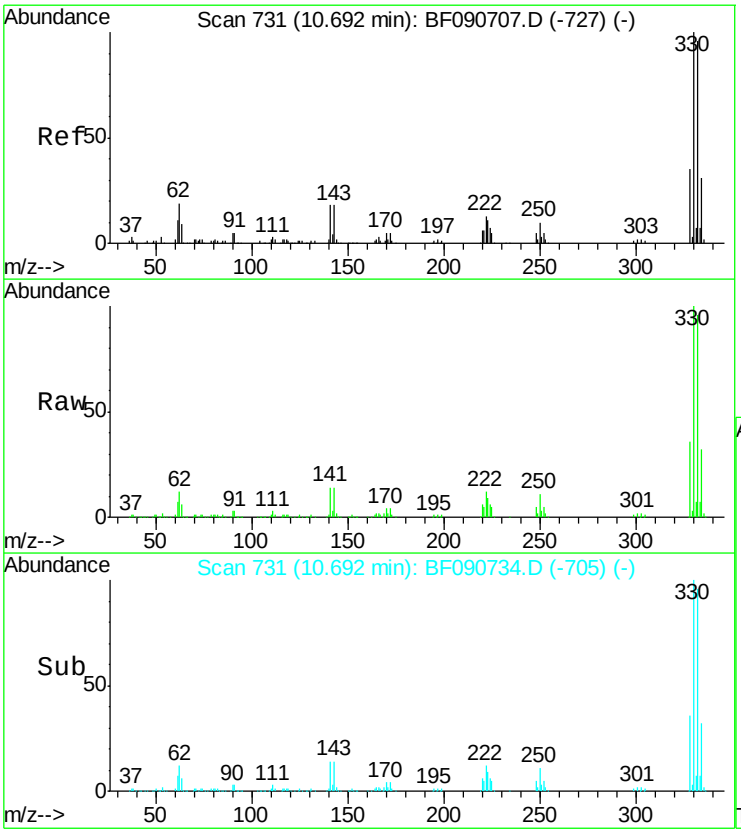
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:164 Resp: 545620

Ion	Ratio	Lower	Upper
164	100		
162	103.2	75.2	112.8
160	46.8	31.5	47.3

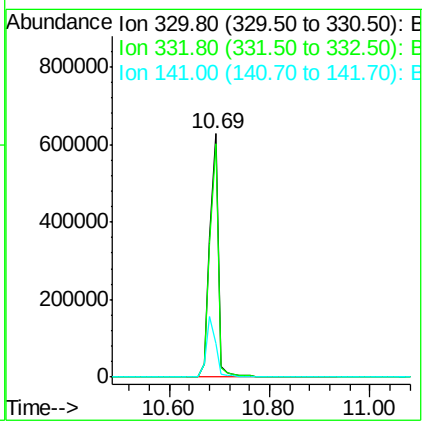


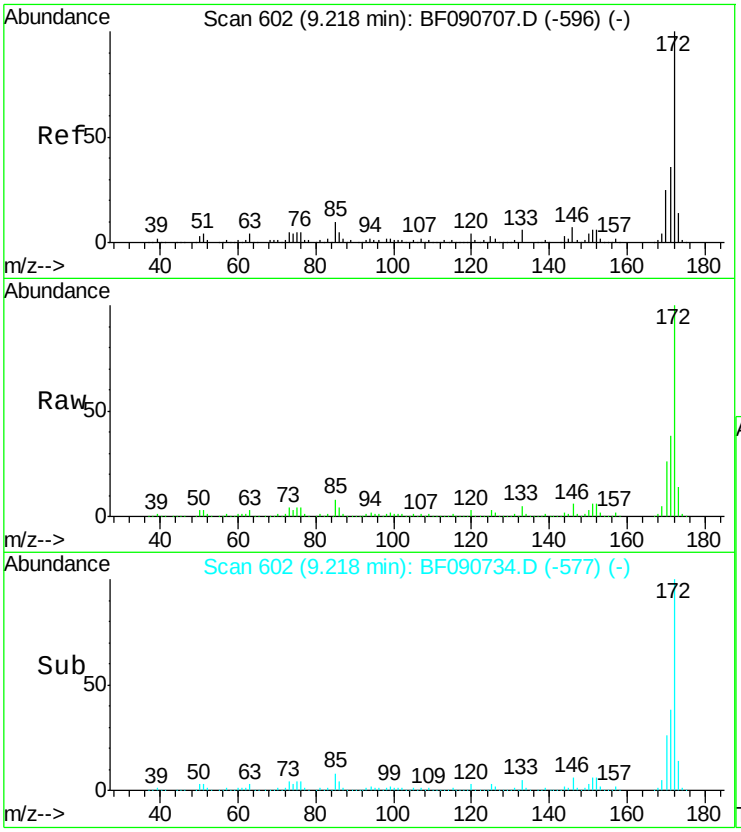


#41
2,4,6-Tribromophenol
Concen: 174.83 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion:330 Resp: 755031

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	28.0	29.7	44.5#



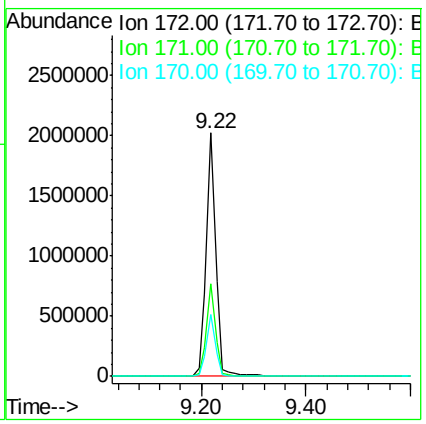


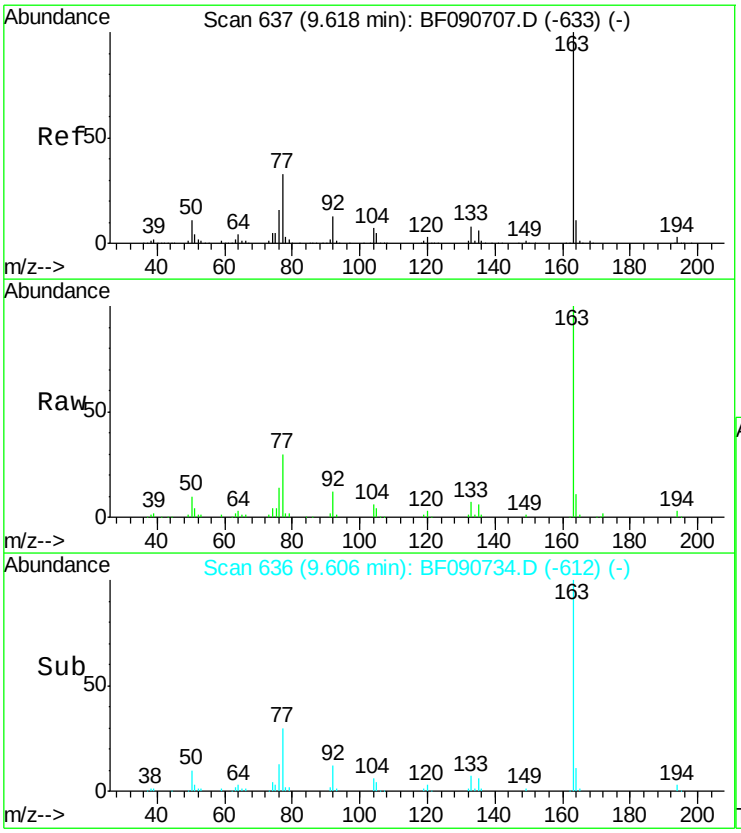
#44
2-Fluorobiphenyl
Concen: 74.17 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:172 Resp: 2606986

Ion	Ratio	Lower	Upper
172	100		
171	38.1	26.1	39.1
170	25.5	17.4	26.2

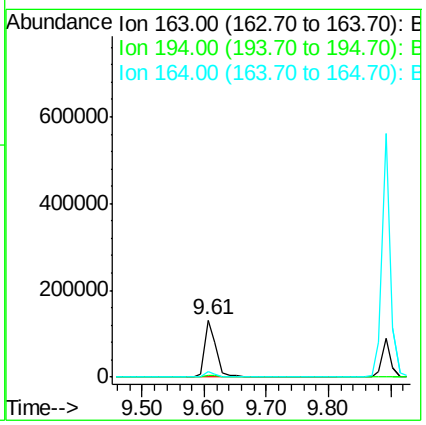


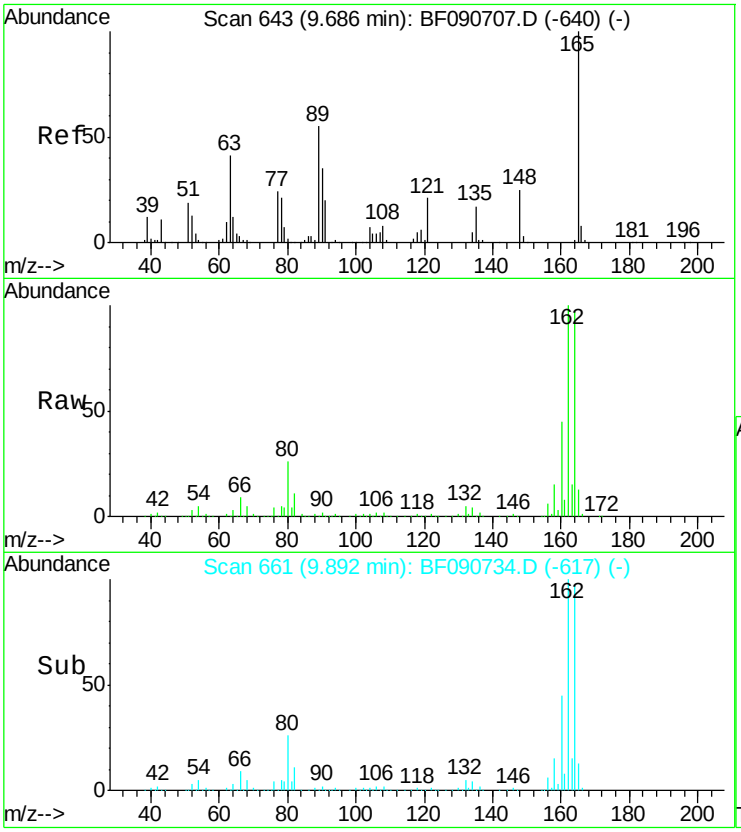


#49
Dimethylphthalate
Concen: 4.98 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion:163 Resp: 170600

Ion	Ratio	Lower	Upper
163	100		
194	2.7	4.4	6.6#
164	10.6	8.3	12.5



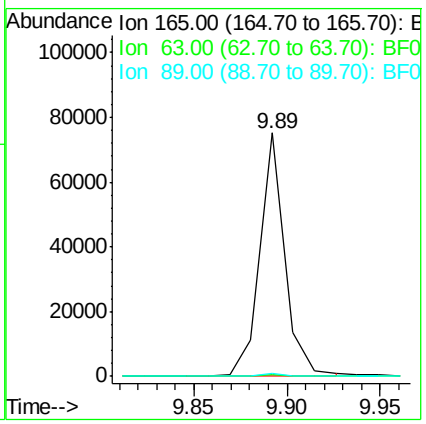


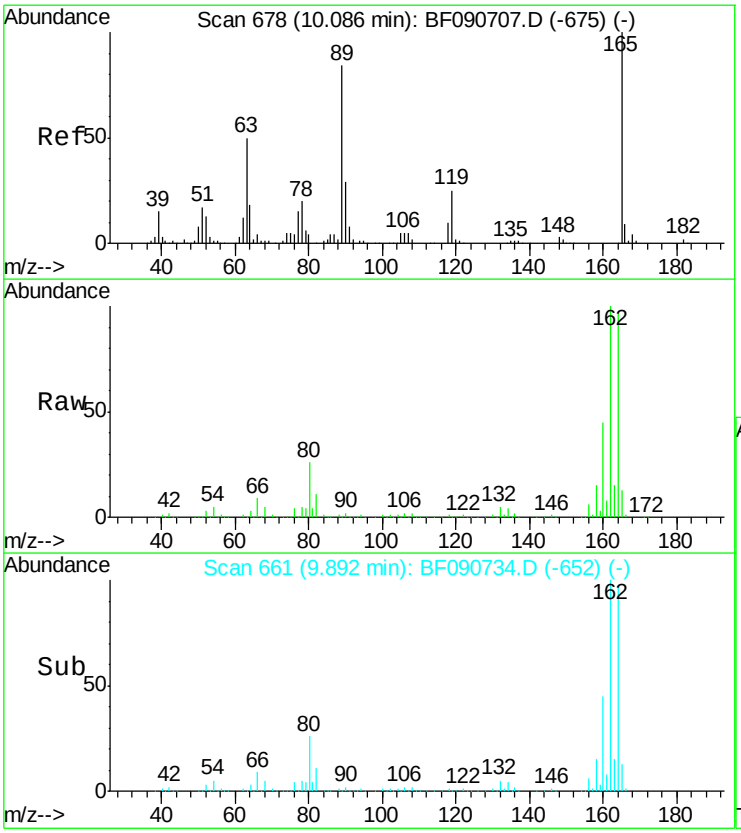
#50
2,6-Dinitrotoluene
Concen: 9.58 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:165 Resp: 70611

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	1.0	28.6	43.0#

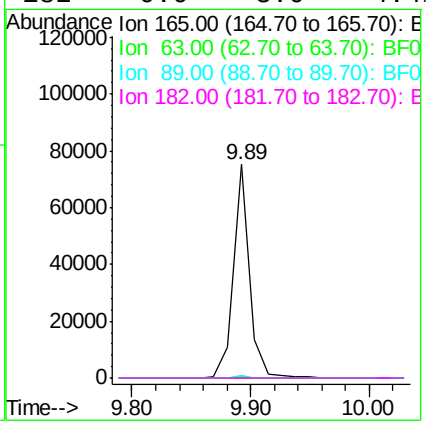


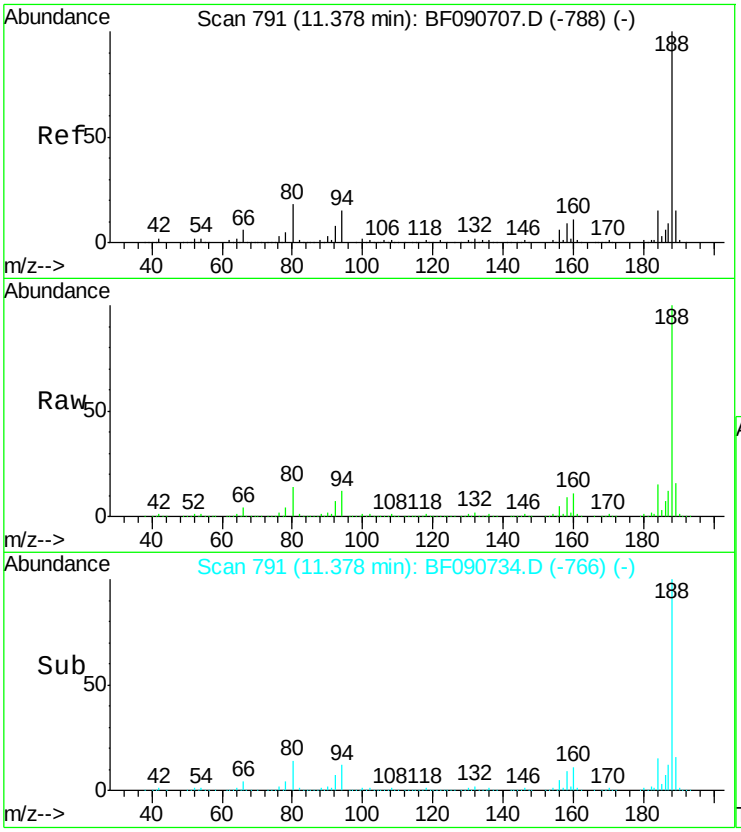


#56
2,4-Dinitrotoluene
Concen: 7.90 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion:165 Resp: 71163

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#



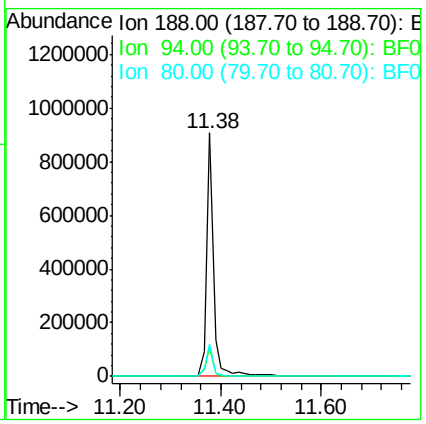


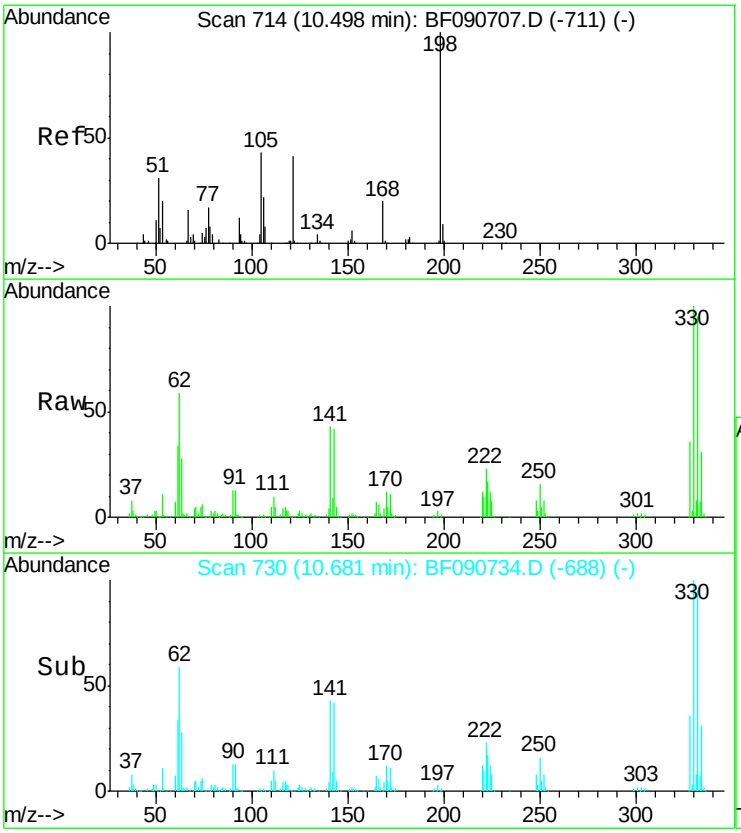
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:188 Resp: 874740

Ion	Ratio	Lower	Upper
188	100		
94	12.0	11.1	16.7
80	13.6	11.0	16.4

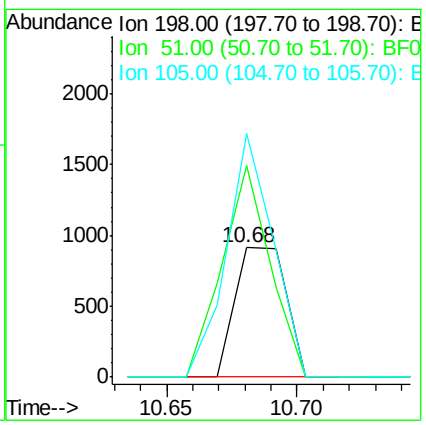


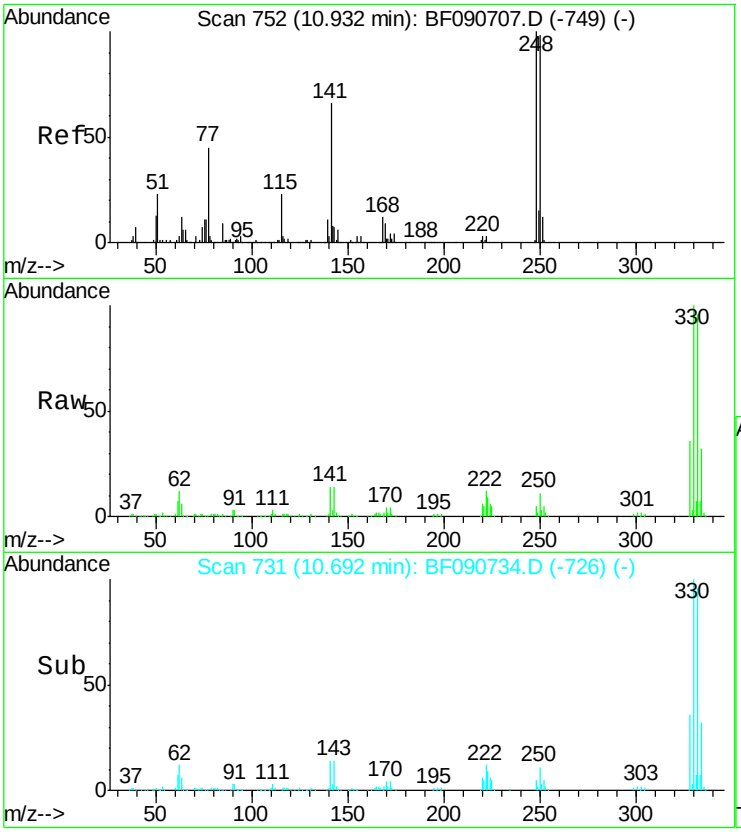


#64
4,6-Dinitro-2-methylphenol
Concen: 4.38 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion:198 Resp: 1246

Ion	Ratio	Lower	Upper
198	100		
51	163.9	39.6	79.6#
105	188.3	28.5	68.5#



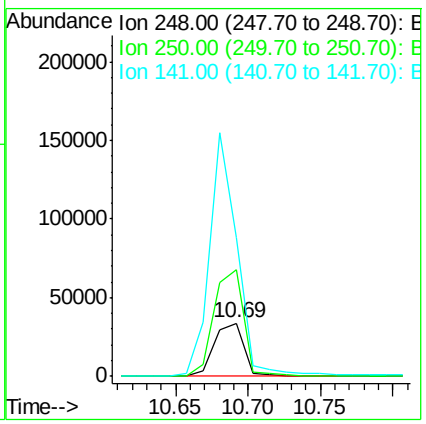


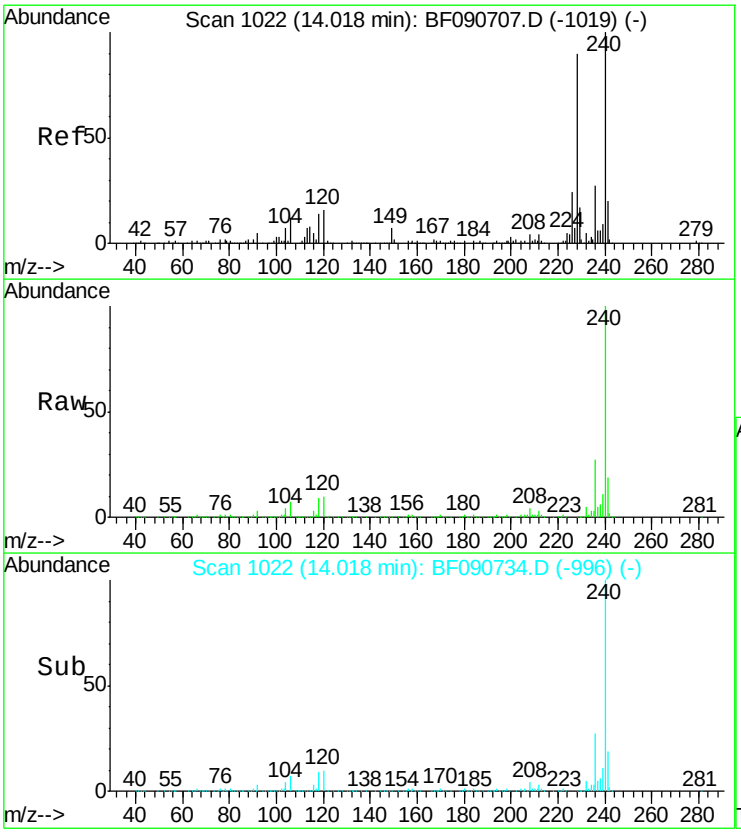
#66
4-Bromophenyl-phenylether
Concen: 5.71 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.24 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:248 Resp: 48450

Ion	Ratio	Lower	Upper
248	100		
250	200.2	78.5	117.7#
141	259.8	59.0	88.6#

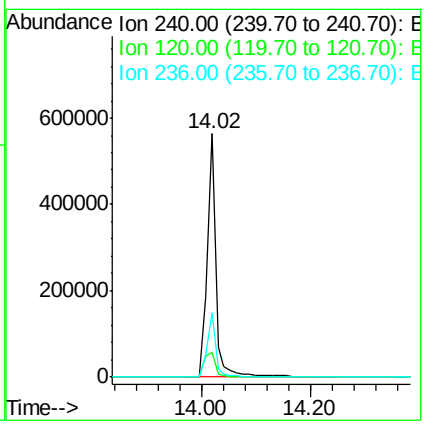


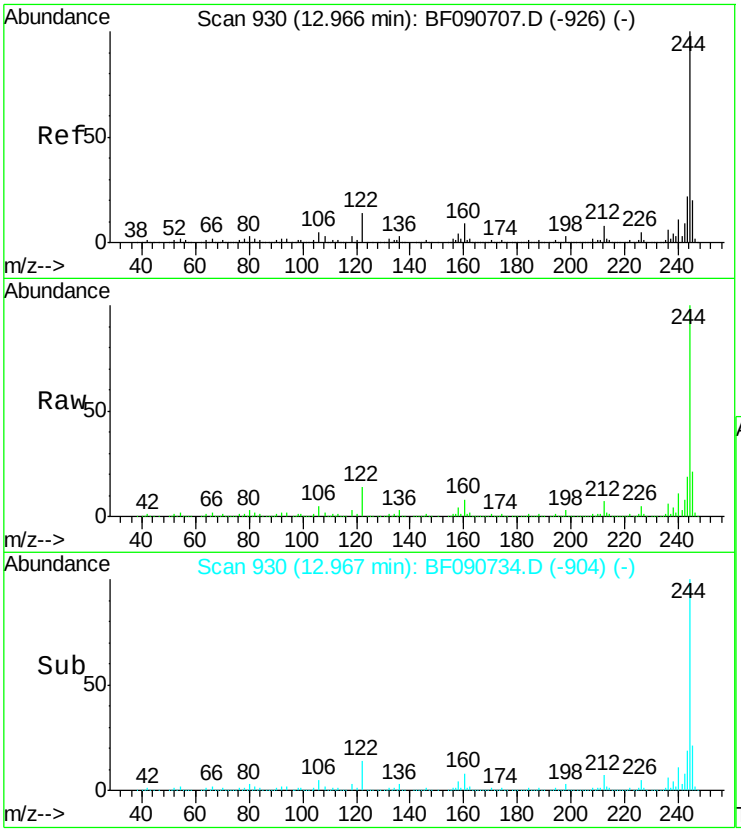


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion:240 Resp: 632943

Ion	Ratio	Lower	Upper
240	100		
120	10.2	16.2	24.2#
236	26.5	18.4	27.6



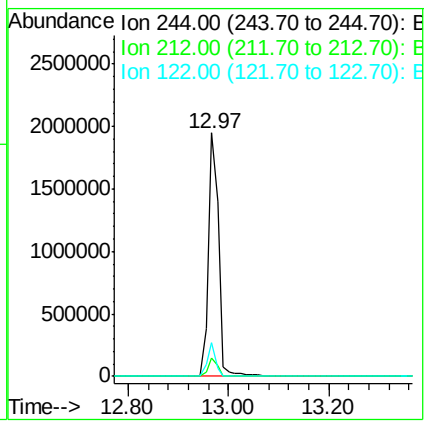


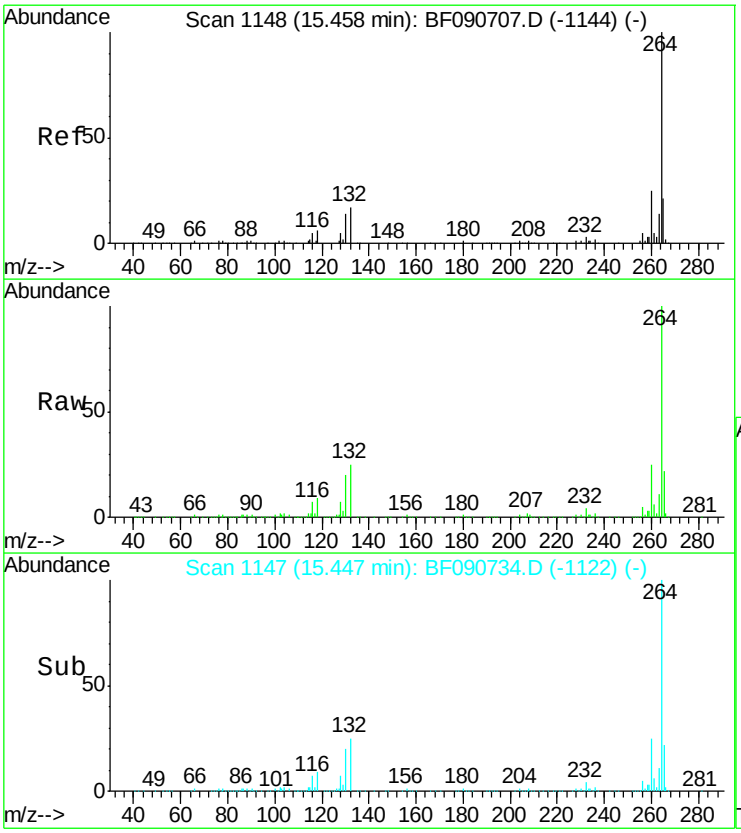
#78
Terphenyl-d14
Concen: 99.19 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090734.D
Acq: 22 Oct 2016 2:21

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:244 Resp: 2739216

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	13.9	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: BF090734.D
Acq: 22 Oct 2016 2:21

Tgt Ion:264 Resp: 420598

Ion	Ratio	Lower	Upper
264	100		
260	25.2	16.7	25.1#
265	21.9	17.2	25.8