Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090784.D
Acq On : 23 Oct 2016 1:10
Operator : UM/SJ
Sample : H5357-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-Z5-B545-161019

Quant Time: Oct 24 00:57:59 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	244962	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	984851	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	543509	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	825740	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	461231	20.00	ng	0.00
86) Perylene-d12	15.45	264	378141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1830161	120.49	ng	0.02
7) Phenol-d6	6.50	99	1882107	91.48	ng	0.00
23) Nitrobenzene-d5	7.42	82	1530028	85.21	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	684846	159.20	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2662948	76.06	ng	-0.01
78) Terphenyl-d14	12.97	244	2228174	110.72	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	196665	12.84	ng	# 49
25) Isophorone	7.42	82	1458743	42.92	ng	# 58
50) 2,6-Dinitrotoluene	9.89	165	69872	9.51	ng	# 38
55) 4-Nitrophenol	10.11	139	507	6.03	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	70691	7.88	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	985	4.35	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	40252	5.03	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 23 Oct 2016 1:10
Operator : UM/SJ
Sample : H5357-02
Misc :
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Instrument :
BNA_F
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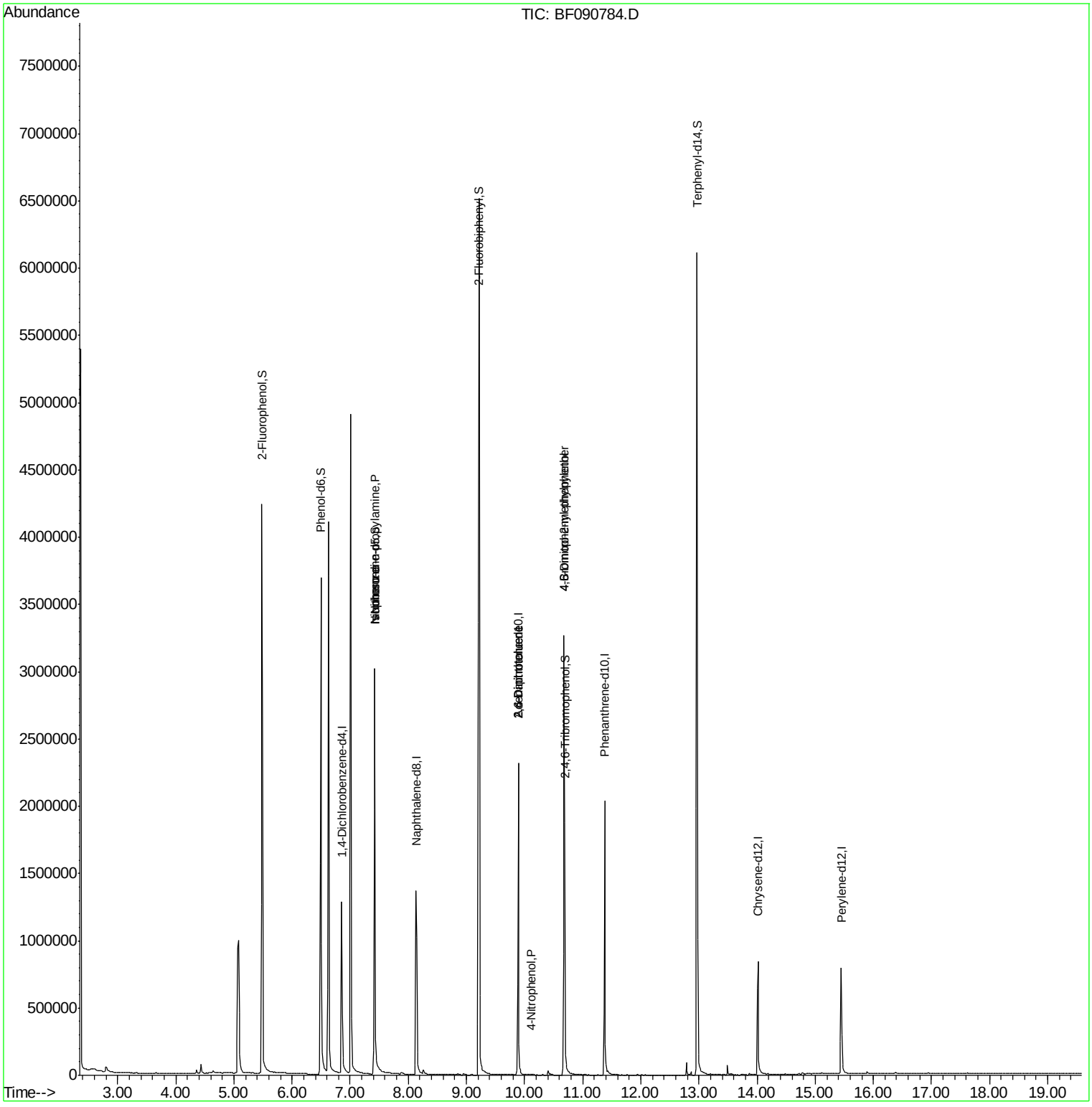
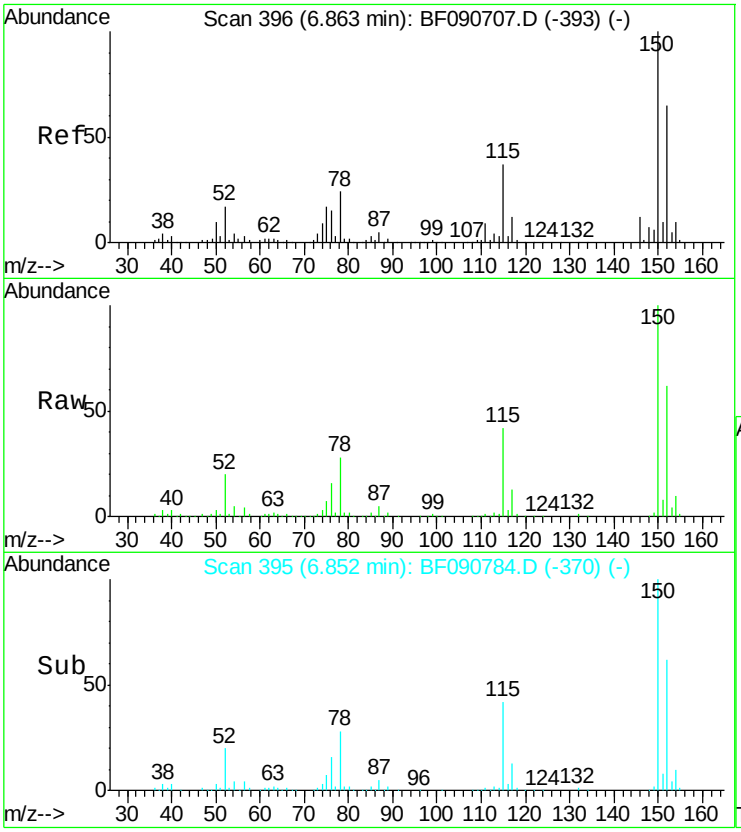


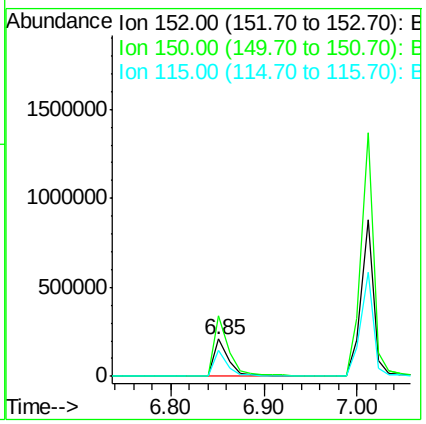


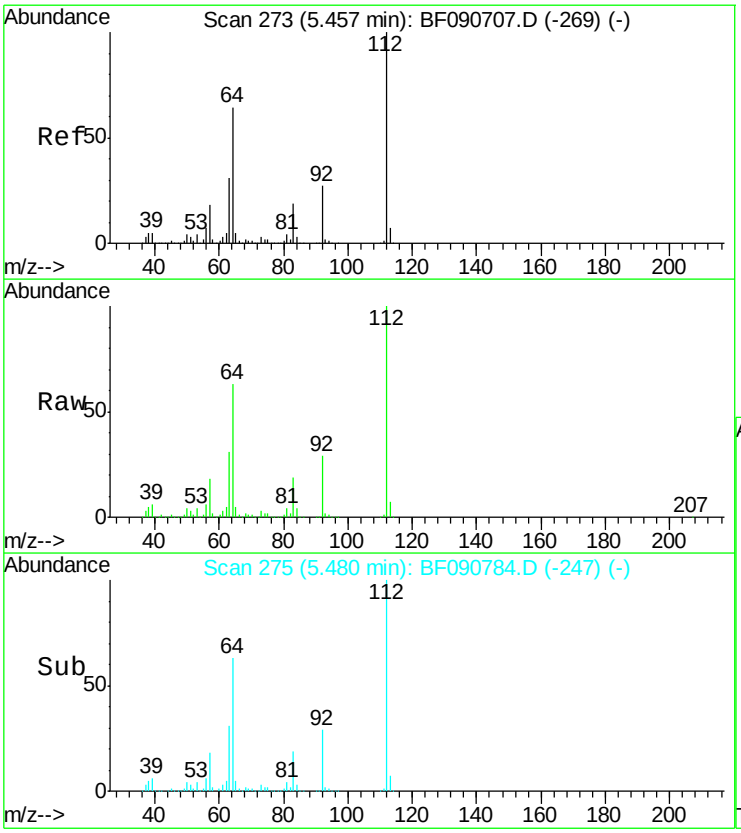
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tgt Ion:152 Resp: 244962

Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.7	187.1
115	68.3	39.0	58.4#

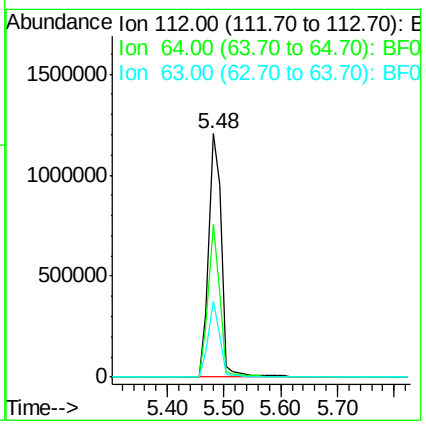


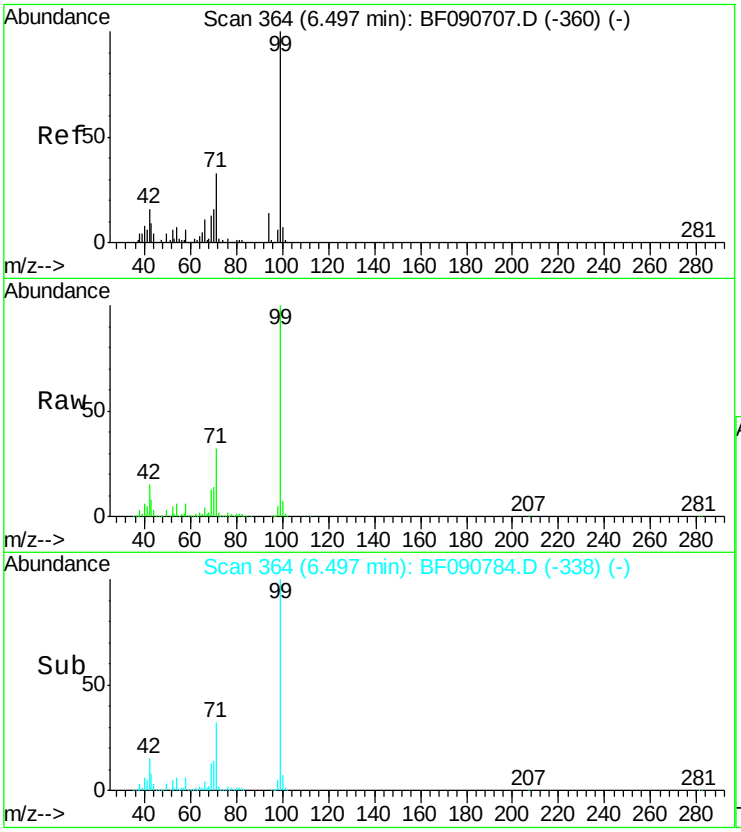


#5
2-Fluorophenol
Concen: 120.49 ng
RT: 5.48 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion:112 Resp: 1830161

Ion	Ratio	Lower	Upper
112	100		
64	62.7	39.7	59.5#
63	31.1	17.4	26.0#



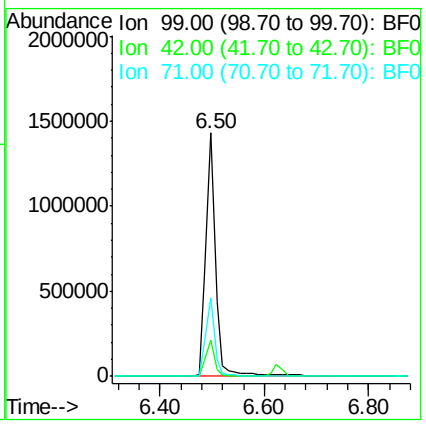


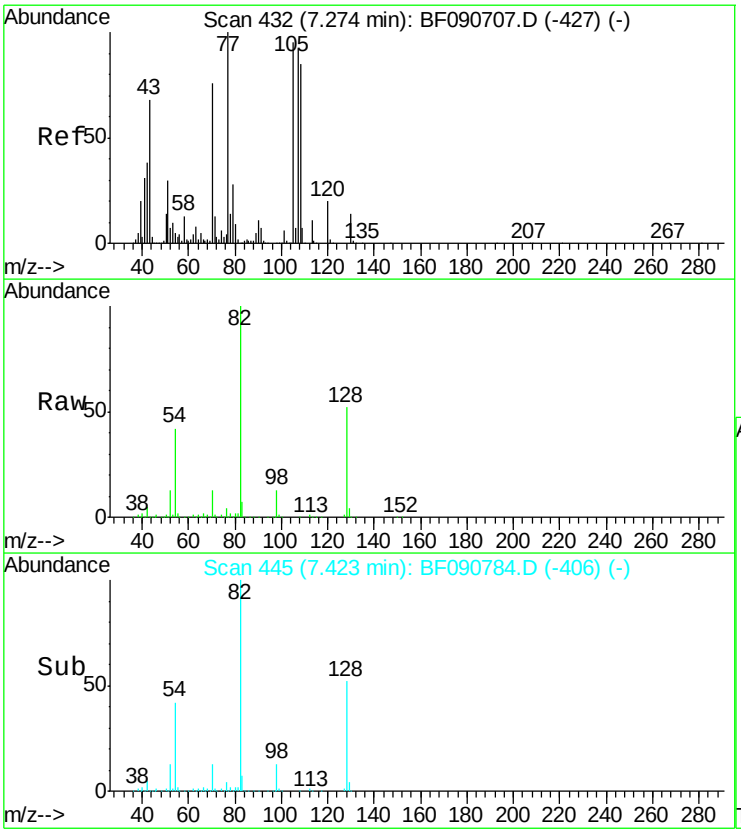
#7
Phenol-d6
Concen: 91.48 ng
RT: 6.50 min Scan# 364
Delta R.T. 0.00 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tgt Ion: 99 Resp: 1882107

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.7	20.5
71	32.4	14.2	21.2#

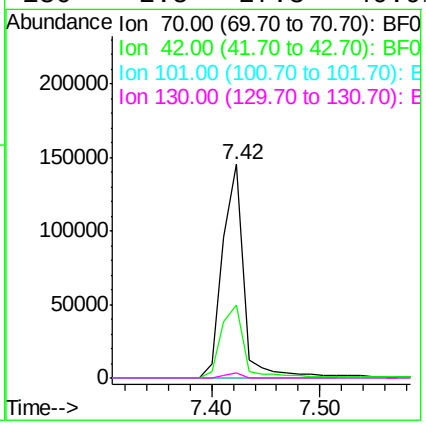


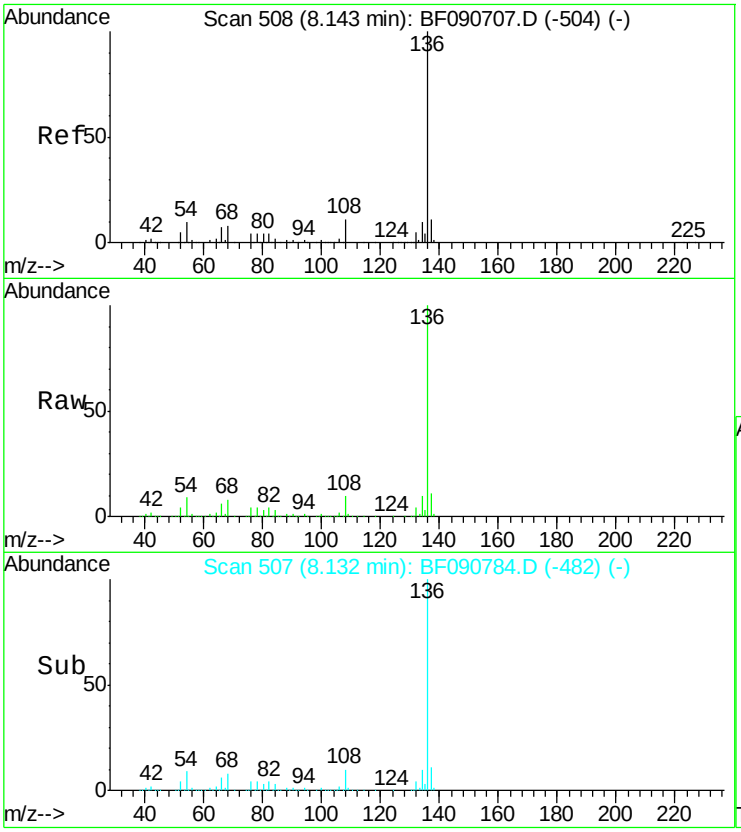


#19
n-Nitroso-di-n-propylamine
Concen: 12.84 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion: 70 Resp: 196665

Ion	Ratio	Lower	Upper
70	100		
42	34.4	63.8	95.6#
101	0.0	9.2	13.8#
130	2.5	27.3	40.9#



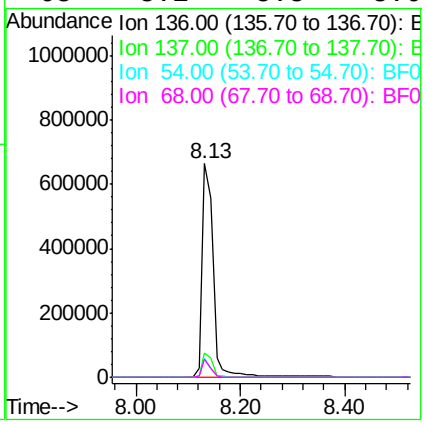


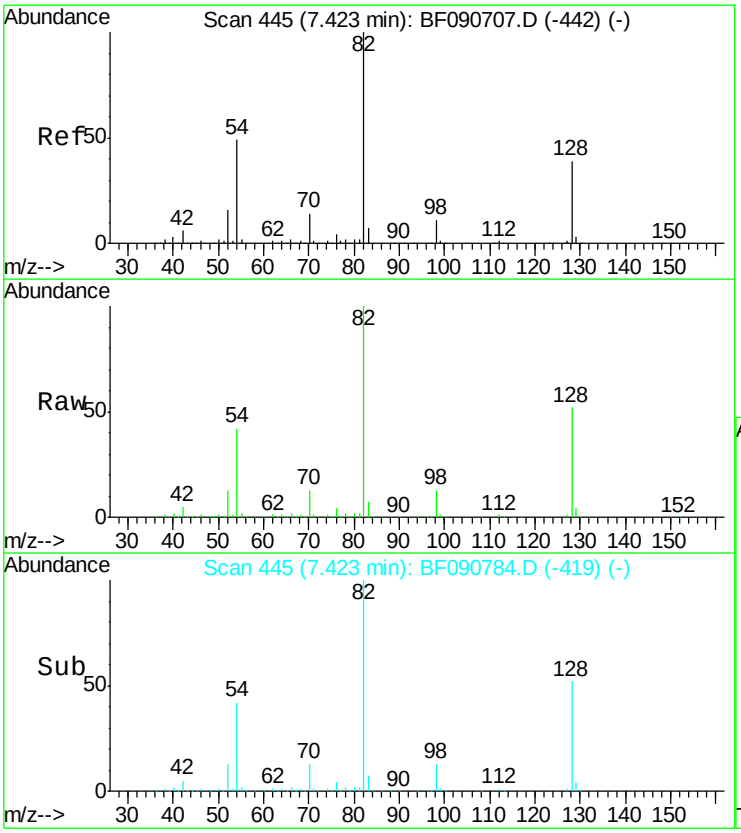
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tgt Ion:136 Resp: 984851

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.8	8.2	12.2
68	8.1	5.8	8.6

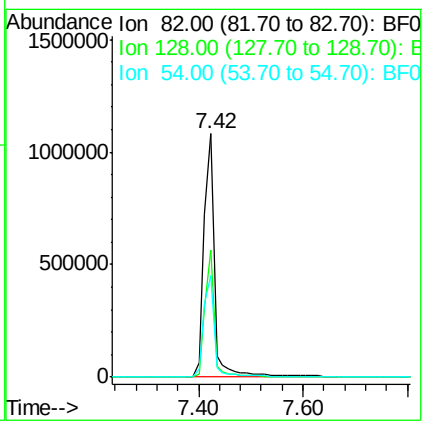


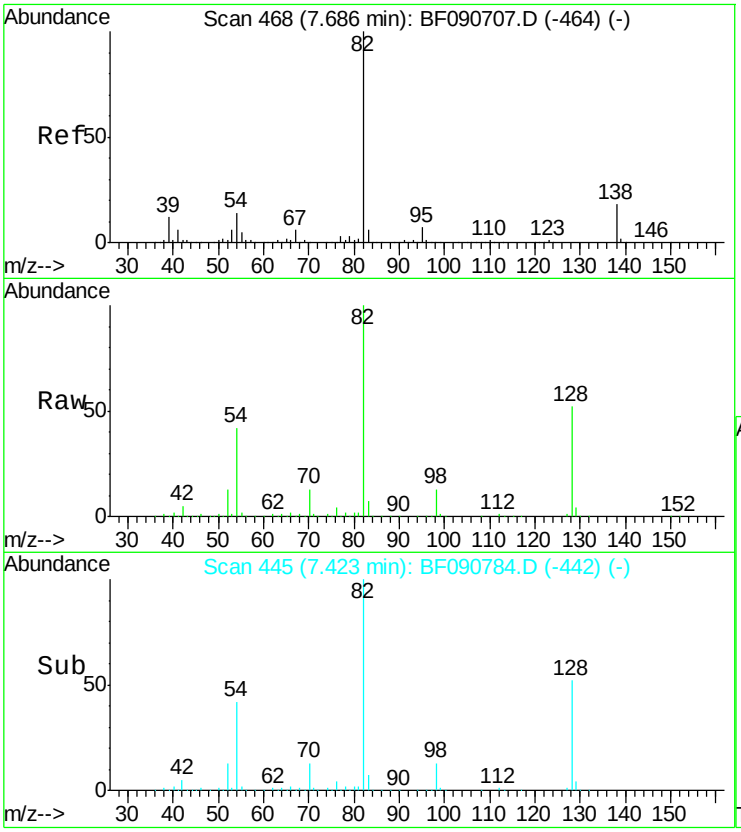


#23
Nitrobenzene-d5
Concen: 85.21 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion: 82 Resp: 1530028

Ion	Ratio	Lower	Upper
82	100		
128	52.4	51.0	76.6
54	41.7	47.5	71.3#



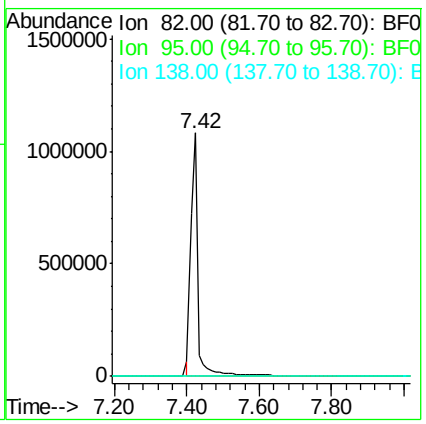


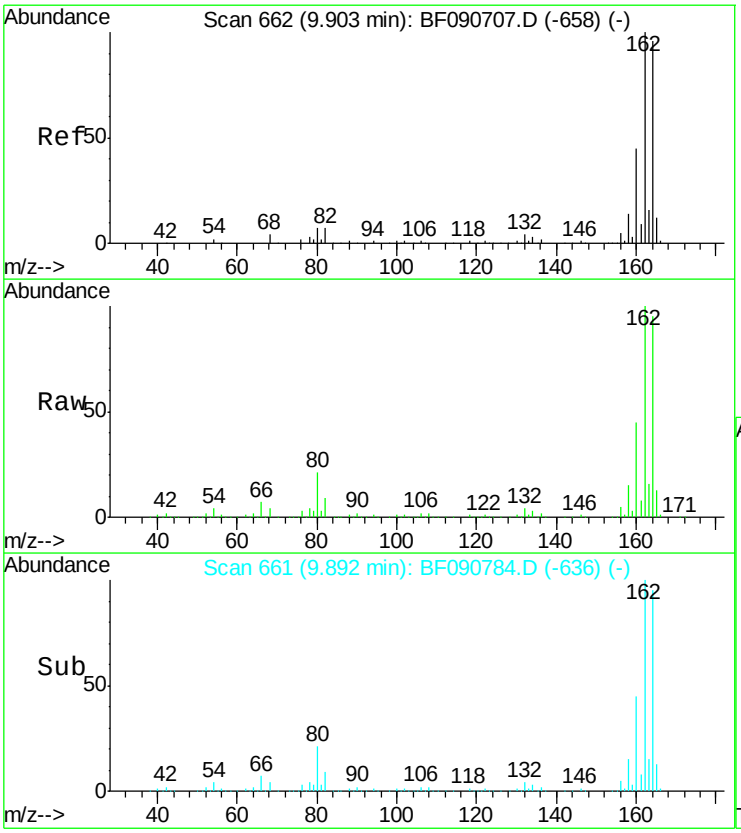
#25
Isophorone
Concen: 42.92 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.26 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tgt Ion: 82 Resp: 1458743

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

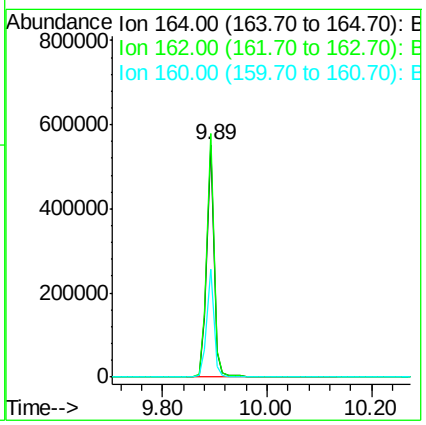


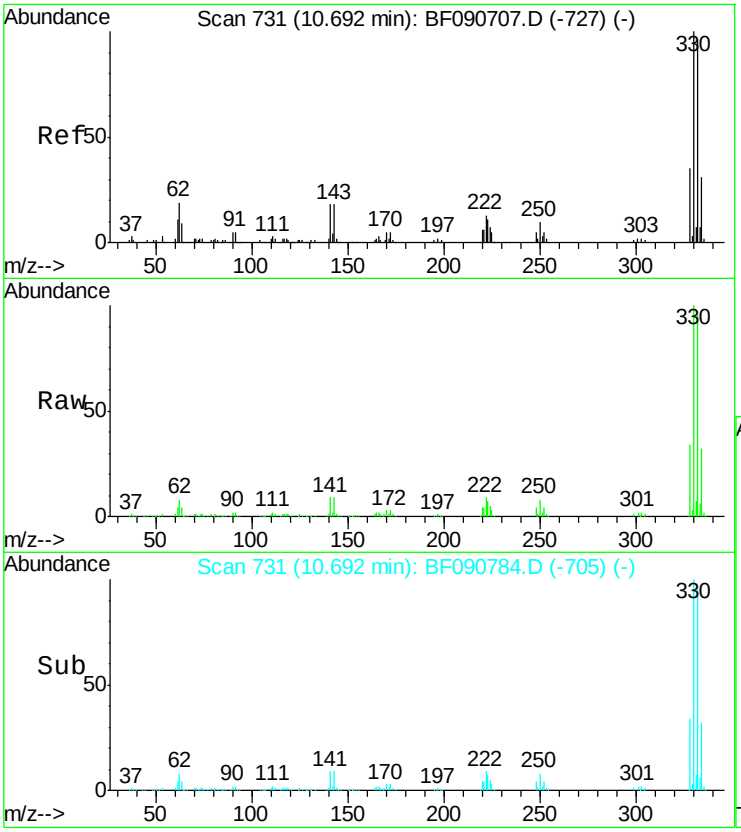


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion:164 Resp: 543509

Ion	Ratio	Lower	Upper
164	100		
162	104.9	75.2	112.8
160	46.7	31.5	47.3



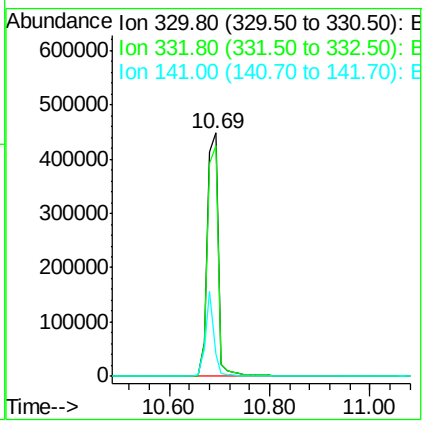


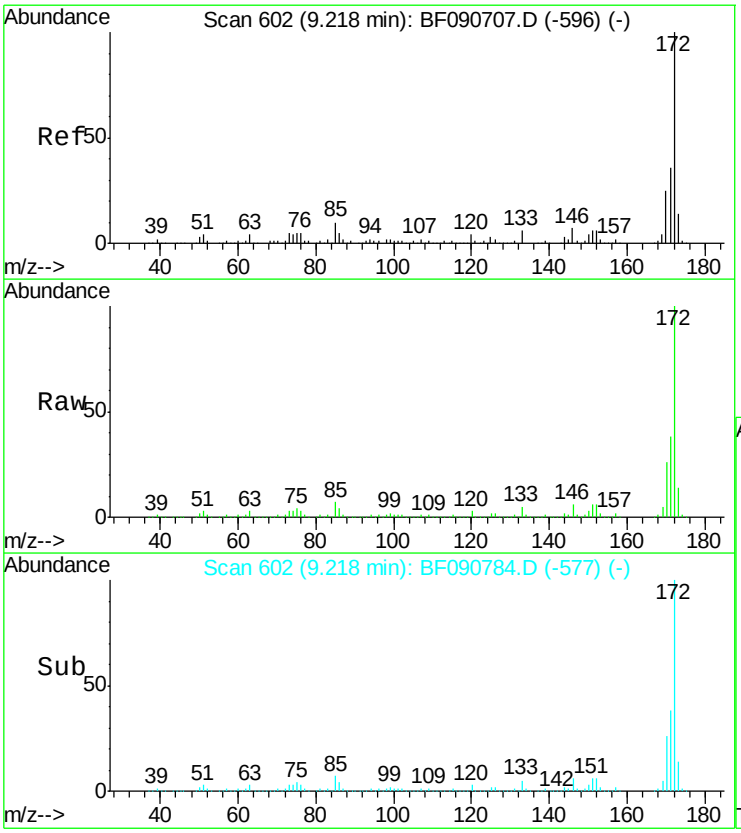
#41
2,4,6-Tribromophenol
Concen: 159.20 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tgt Ion:330 Resp: 684846

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	27.6	29.7	44.5#

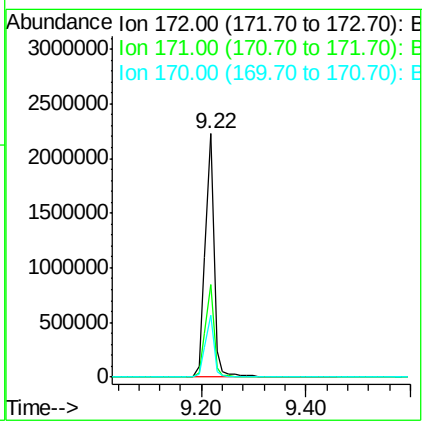


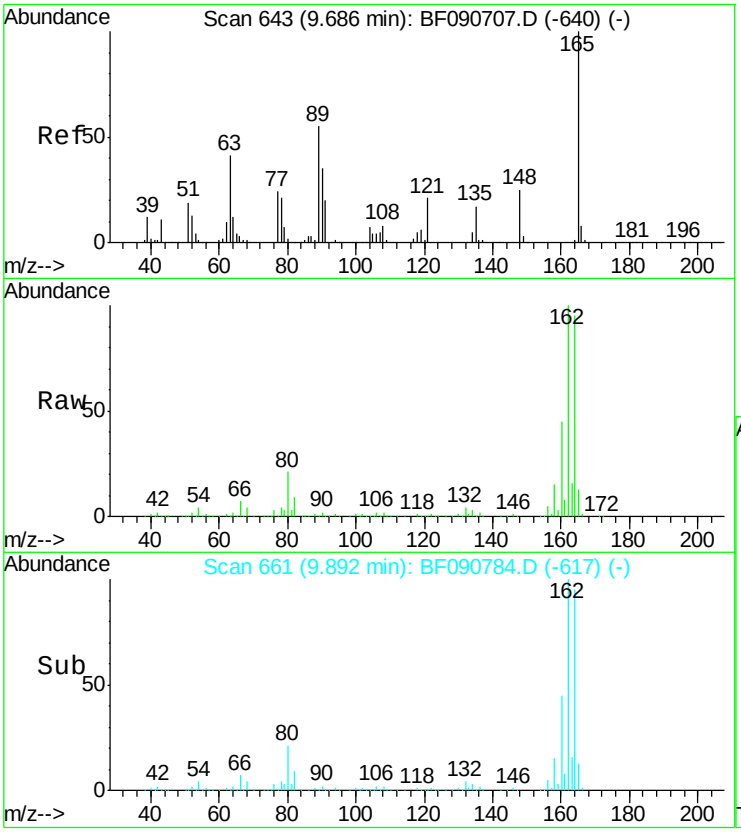


#44
2-Fluorobiphenyl
Concen: 76.06 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion:172 Resp: 2662948

Ion	Ratio	Lower	Upper
172	100		
171	37.9	26.1	39.1
170	25.7	17.4	26.2



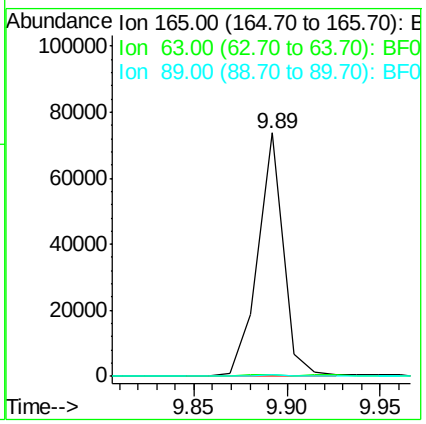


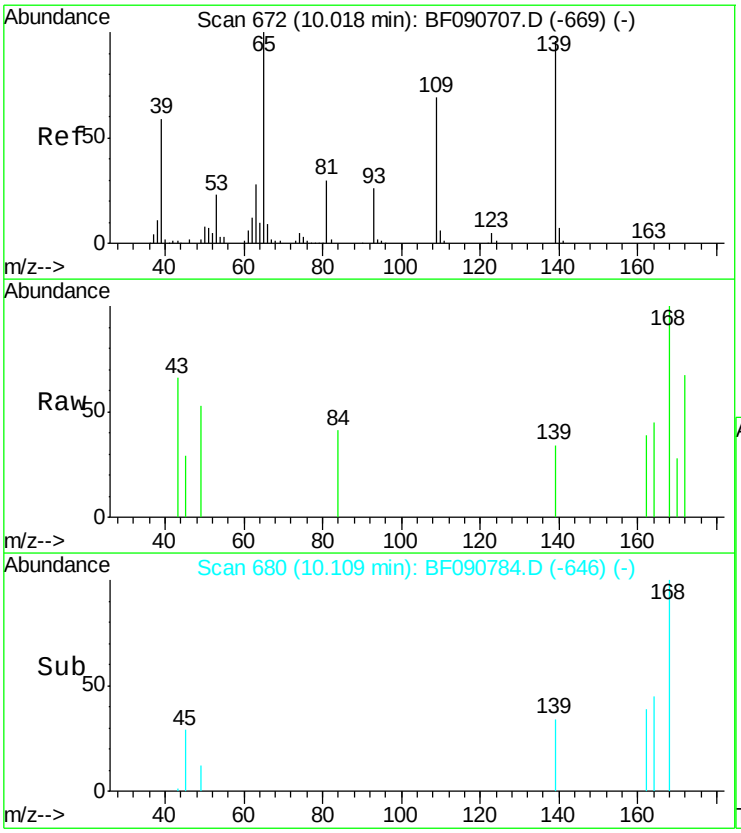
#50
2,6-Dinitrotoluene
Concen: 9.51 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tgt Ion:165 Resp: 69872

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	0.7	28.6	43.0#

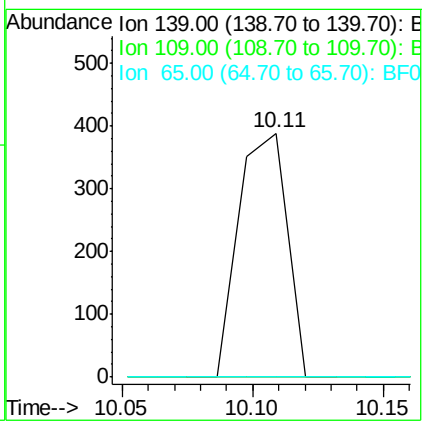


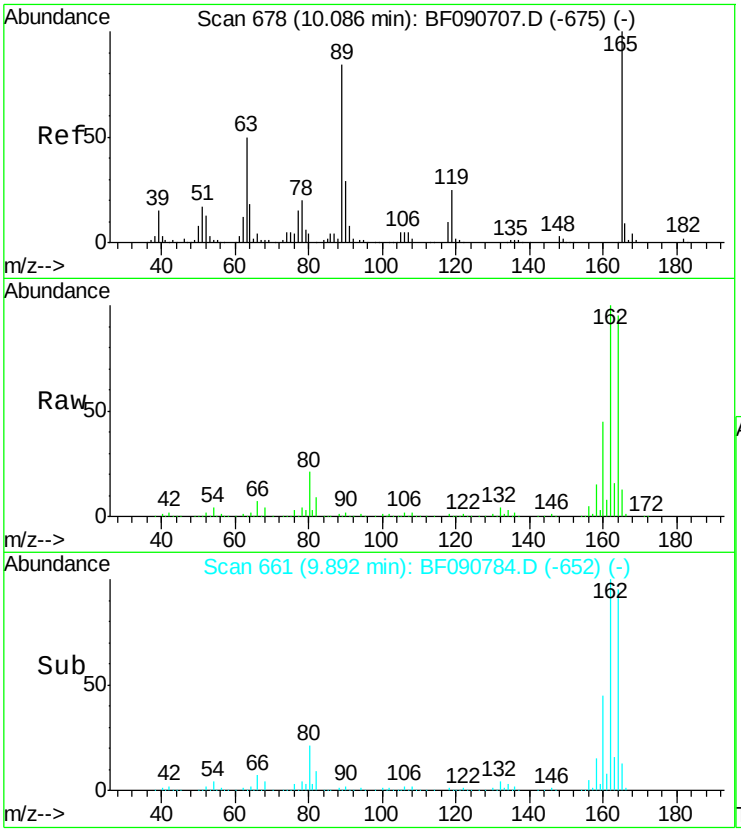


#55
4-Nitrophenol
Concen: 6.03 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.09 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion:139 Resp: 507

Ion	Ratio	Lower	Upper
139	100		
109	0.0	12.7	52.7#
65	0.0	45.9	85.9#



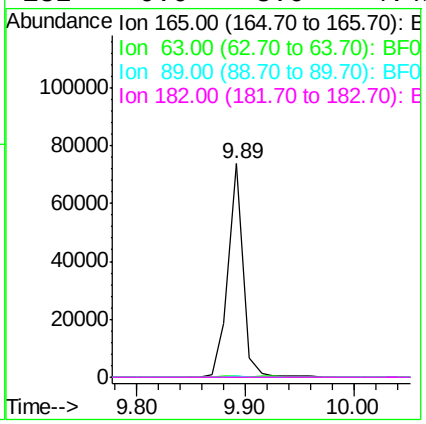


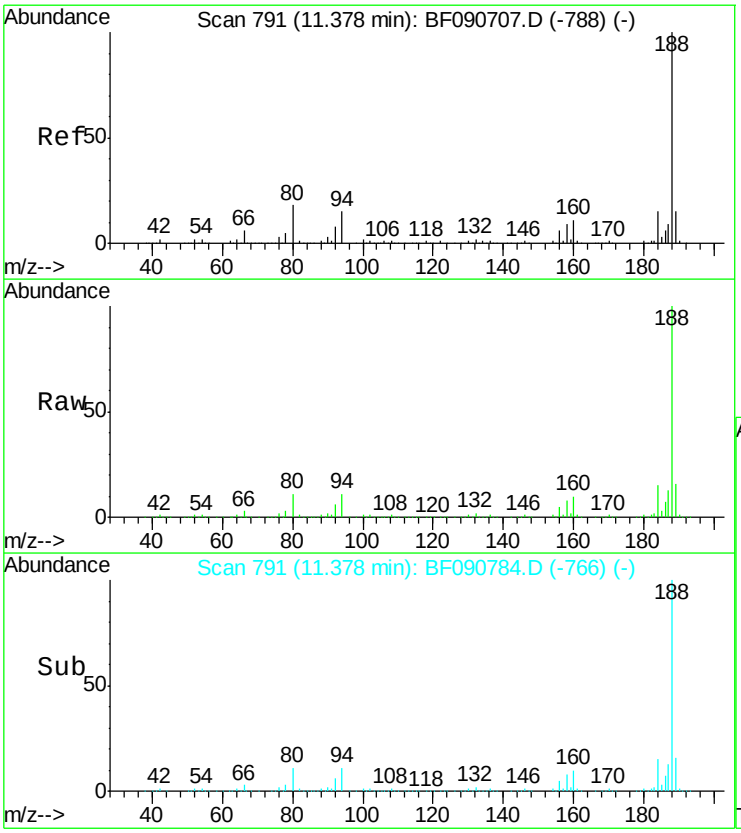
#56
2,4-Dinitrotoluene
Concen: 7.88 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tgt Ion:165 Resp: 70691

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	0.7	44.5	66.7#
182	0.0	3.0	4.4#

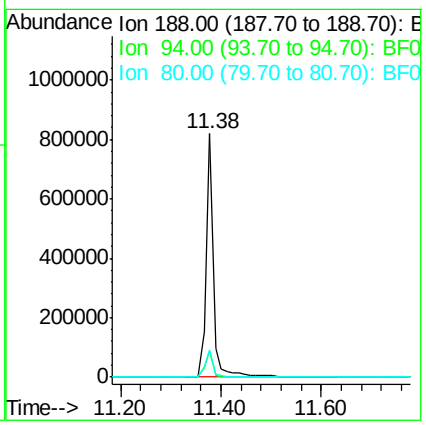


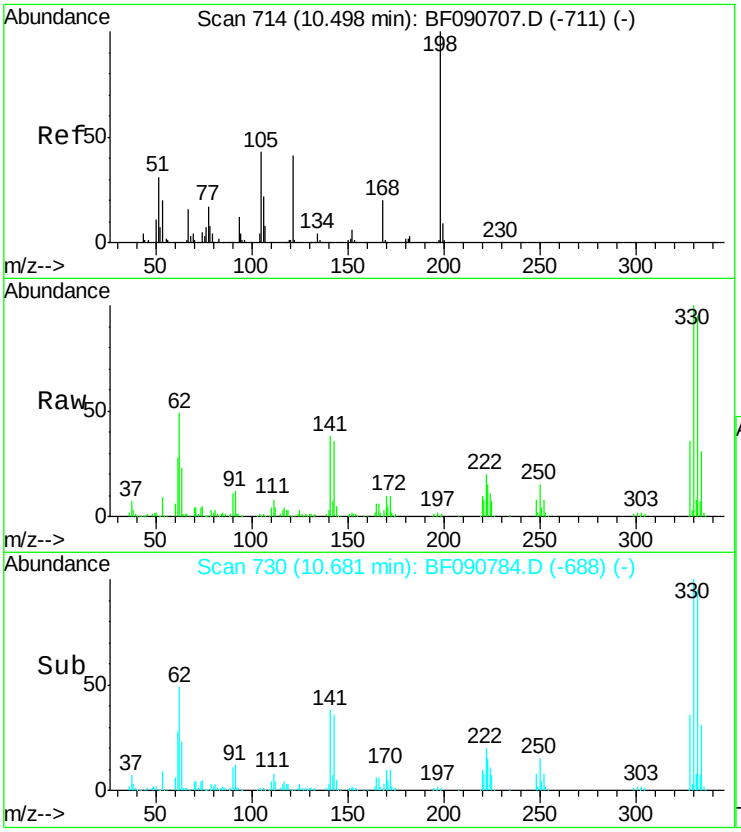


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion:188 Resp: 825740

Ion	Ratio	Lower	Upper
188	100		
94	10.6	11.1	16.7#
80	11.3	11.0	16.4



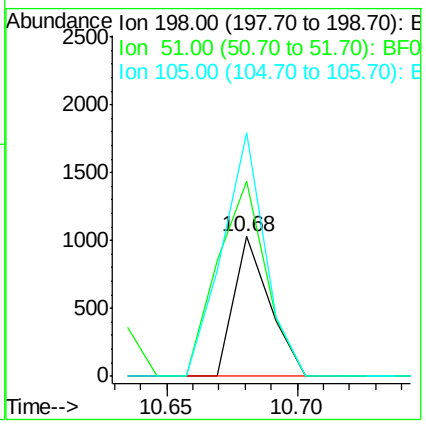


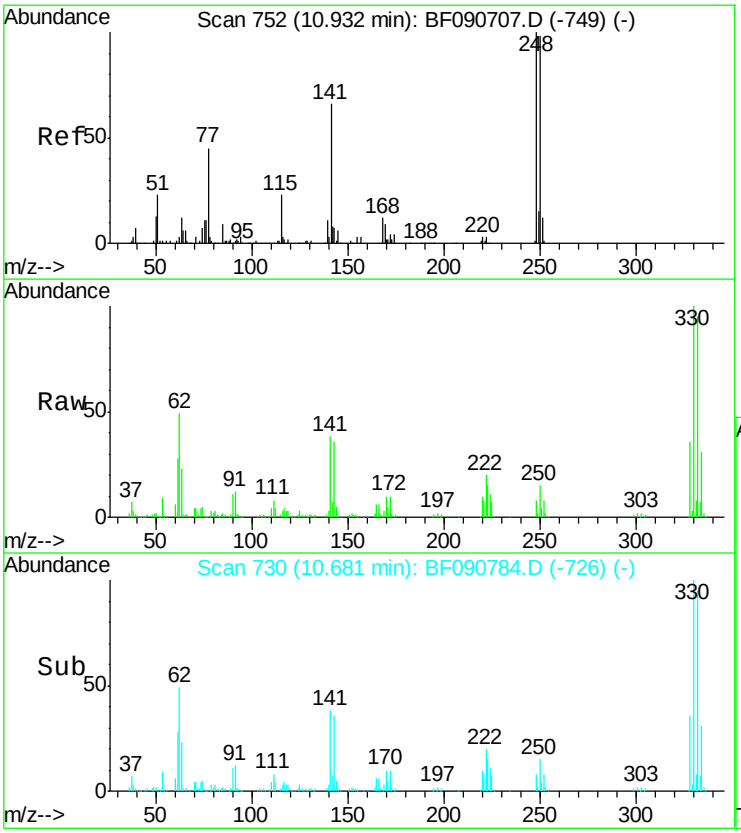
#64
4,6-Dinitro-2-methylphenol
Concen: 4.35 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tgt Ion:198 Resp: 985

Ion	Ratio	Lower	Upper
198	100		
51	139.2	39.6	79.6#
105	174.4	28.5	68.5#

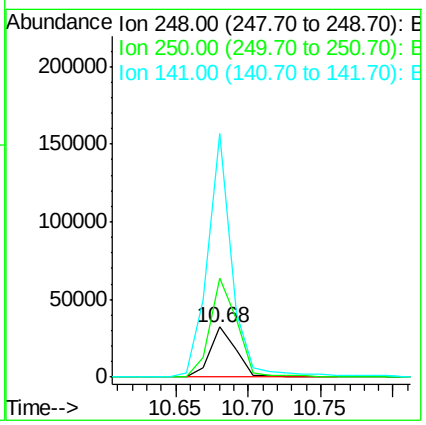


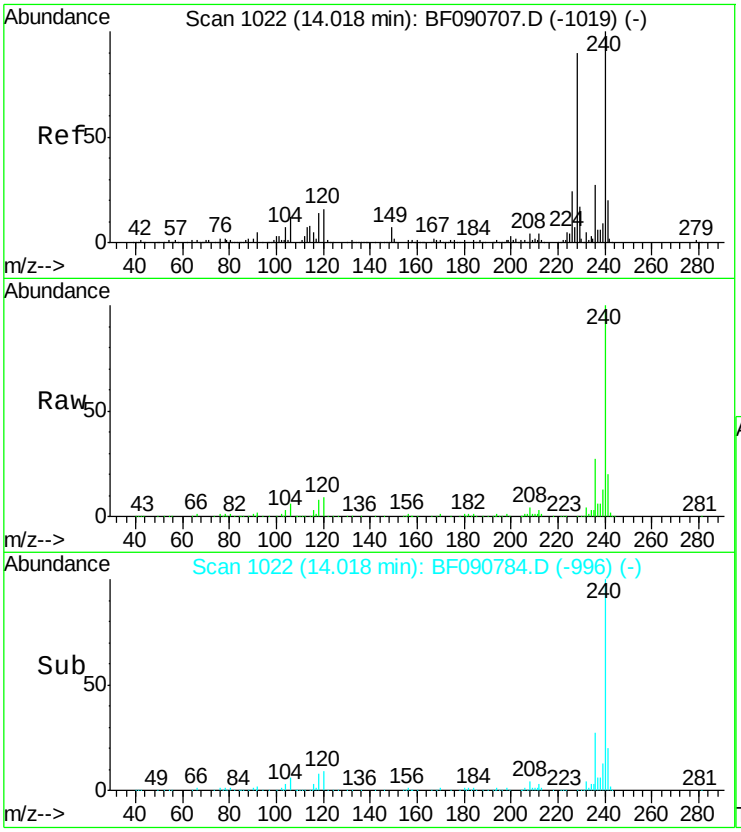


#66
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 10.68 min Scan# 730
Delta R.T. -0.25 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion:248 Resp: 40252

Ion	Ratio	Lower	Upper
248	100		
250	198.2	78.5	117.7#
141	486.1	59.0	88.6#



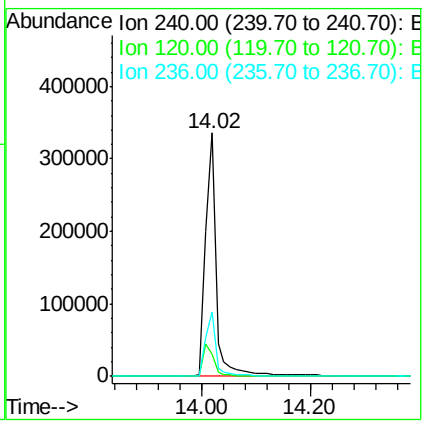


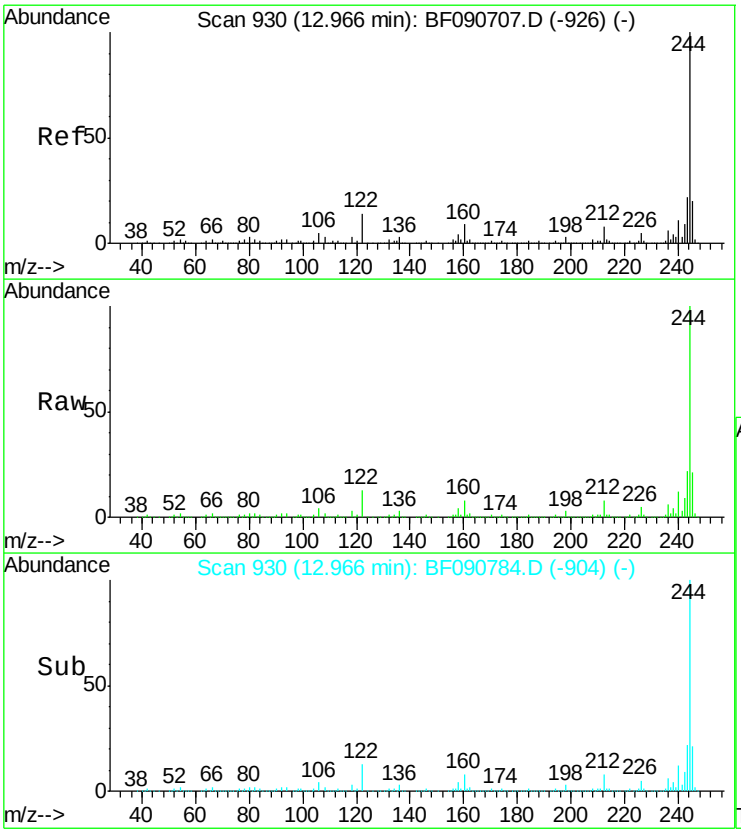
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tgt Ion:240 Resp: 461231

Ion	Ratio	Lower	Upper
240	100		
120	9.1	16.2	24.2#
236	26.7	18.4	27.6

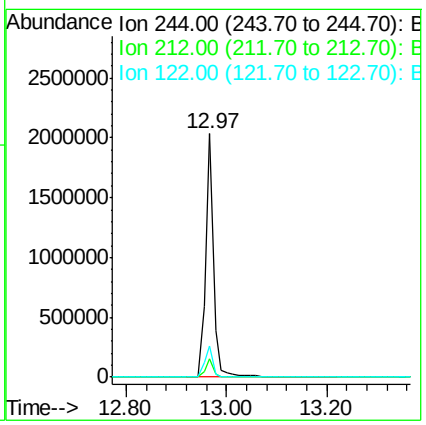


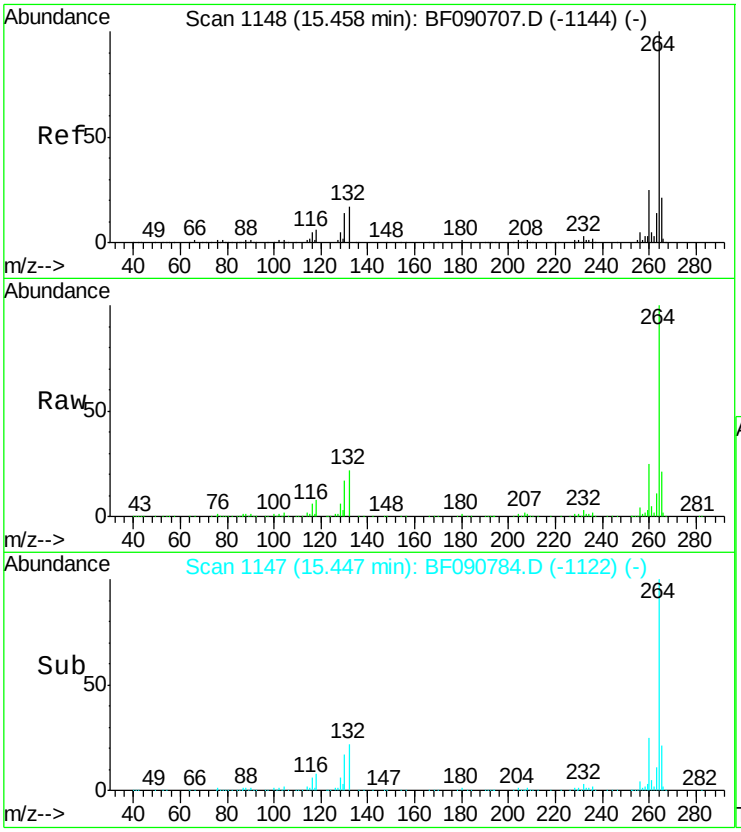


#78
Terphenyl-d14
Concen: 110.72 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion:244 Resp: 2228174

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	12.8	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: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tgt Ion:264 Resp: 378141

Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.5	17.2	25.8