Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090762.D
Acq On : 22 Oct 2016 15:10
Operator : UM/SJ
Sample : H5367-12
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-102016

Quant Time: Oct 24 00:50:55 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	248302	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1019999	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	518906	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	844447	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	527901	20.00	ng	0.00
86) Perylene-d12	15.45	264	379883	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	980355	63.67	ng	0.01
7) Phenol-d6	6.49	99	835256	40.05	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1474752	79.30	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	674644	164.26	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2398273	71.75	ng	-0.01
78) Terphenyl-d14	12.97	244	2375716	103.14	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	31373	2.75	ng	# 62
19) n-Nitroso-di-n-propylamine	7.42	70	190834	12.29	ng	# 51
49) Dimethylphthalate	9.61	163	108937	3.34	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	66334	9.46	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	67368	7.86	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1006	4.35	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	42272	5.16	ng	# 1

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

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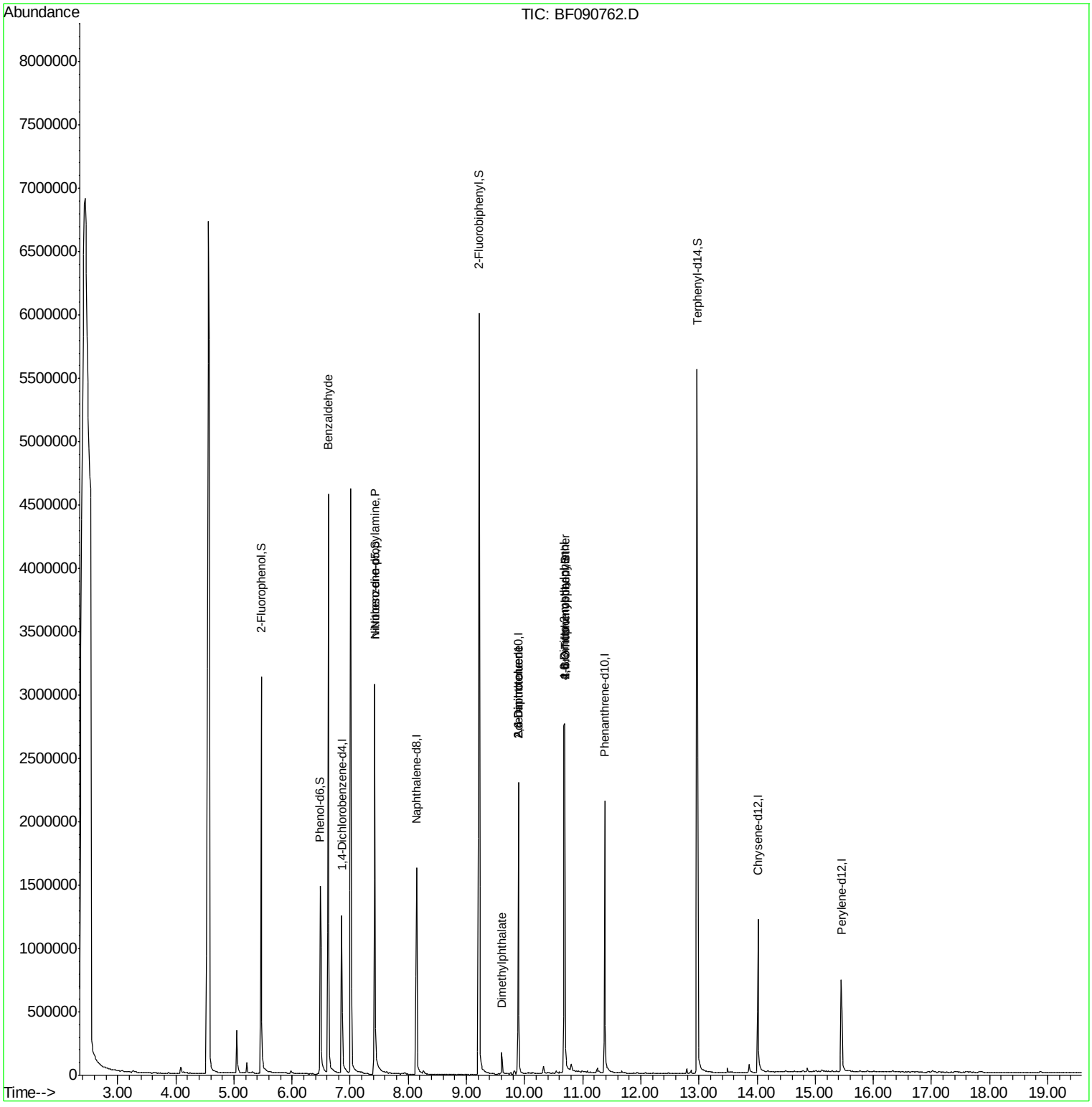
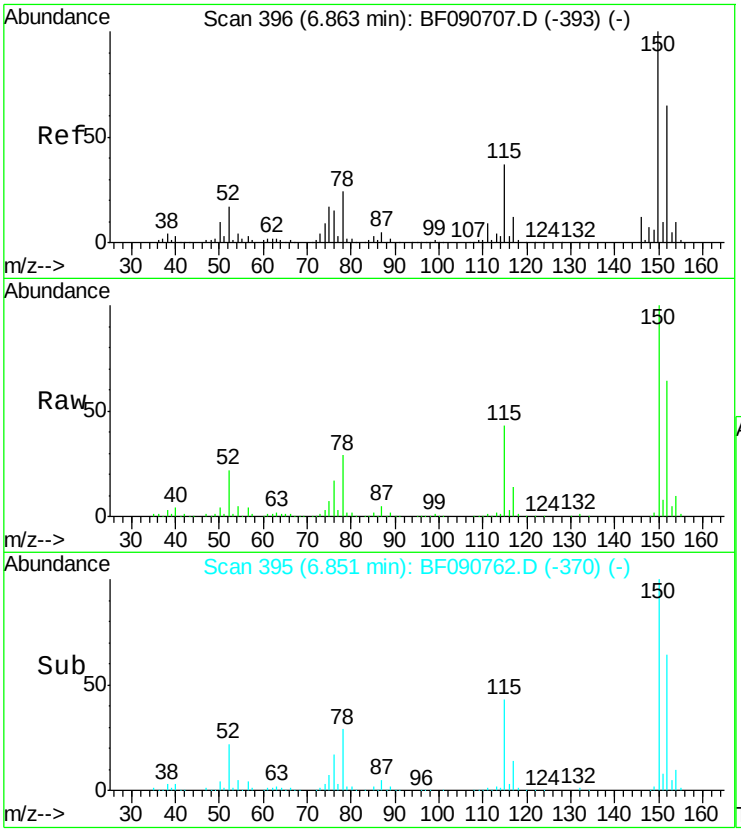


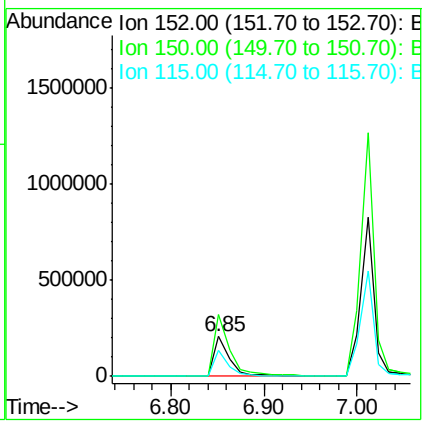


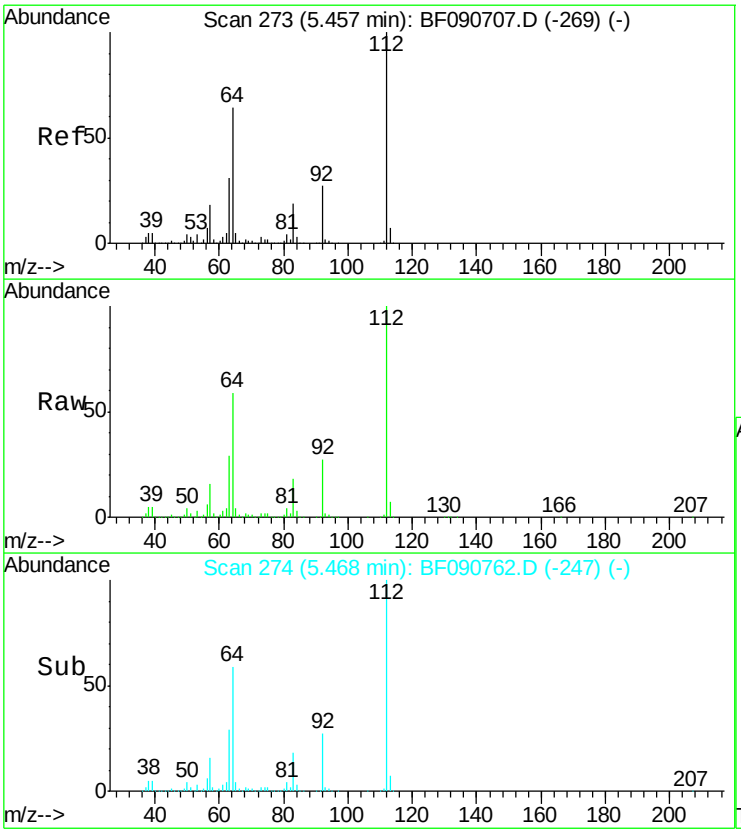
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Instrument :
BNA_F
ClientSampleId :
DUP-102016

Tgt Ion:152 Resp: 248302

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.7	187.1
115	66.9	39.0	58.4#

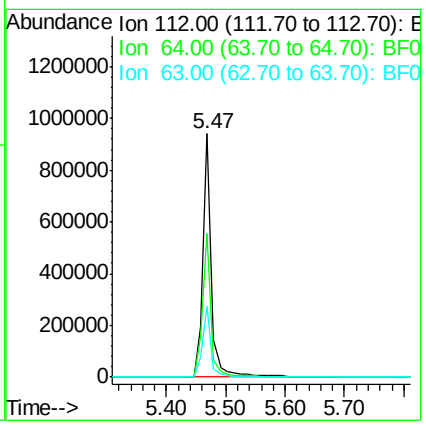


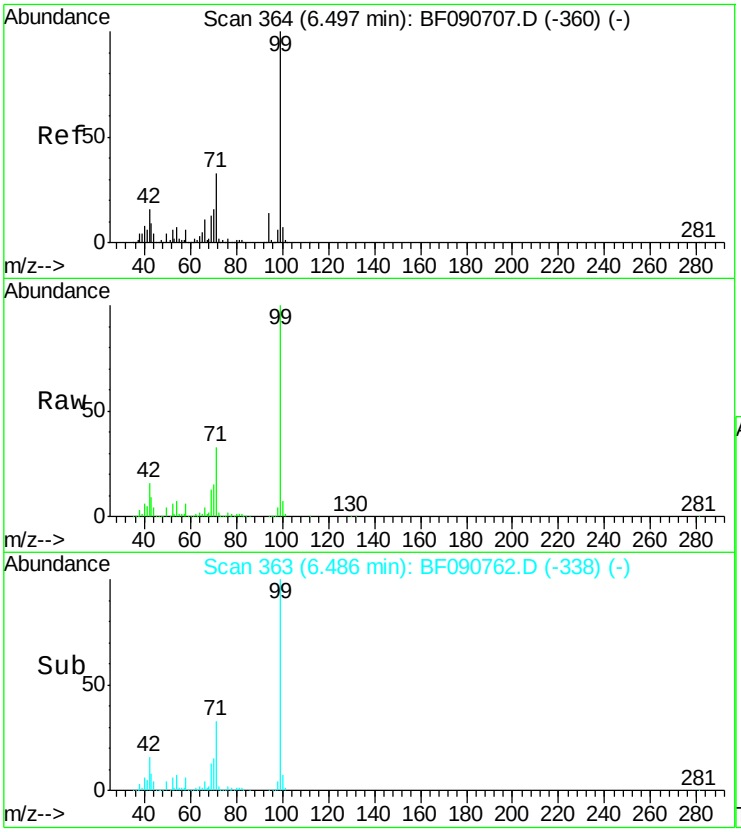


#5
2-Fluorophenol
Concen: 63.67 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Tgt Ion:112 Resp: 980355

Ion	Ratio	Lower	Upper
112	100		
64	59.1	39.7	59.5
63	28.9	17.4	26.0#



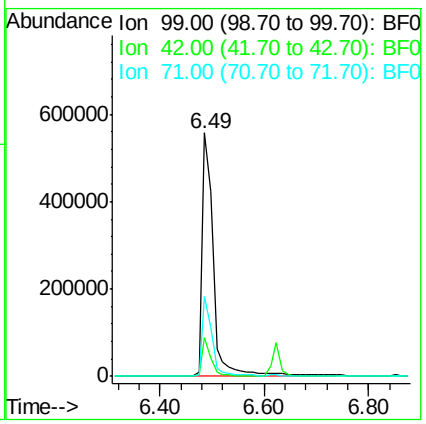


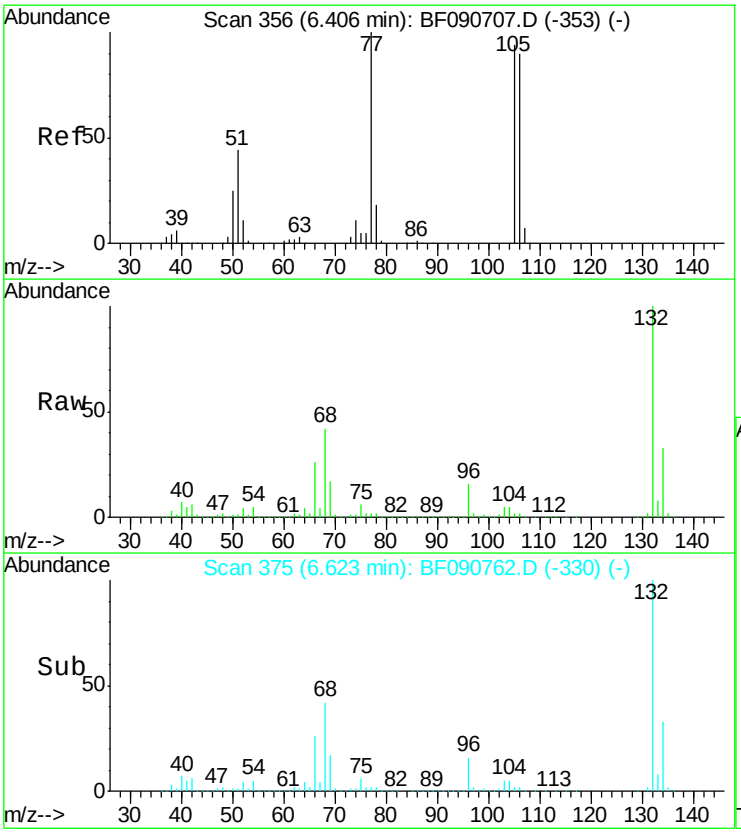
#7
Phenol-d6
Concen: 40.05 ng
RT: 6.49 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Instrument :
BNA_F
ClientSampleId :
DUP-102016

Tgt Ion: 99 Resp: 835256

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	33.0	14.2	21.2#

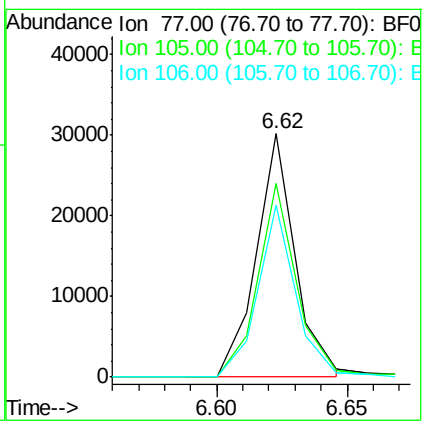


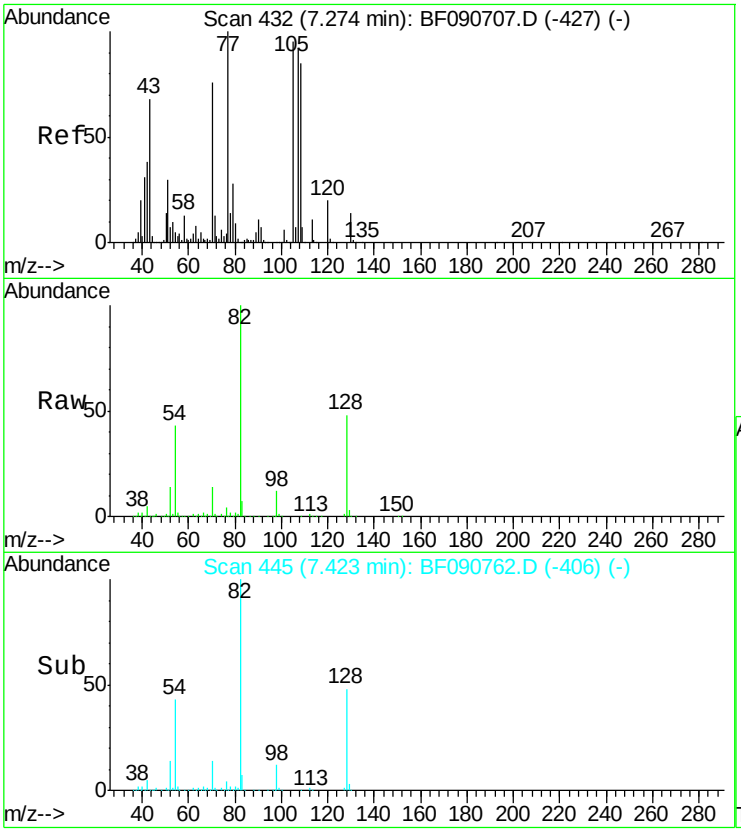


#9
Benzaldehyde
Concen: 2.75 ng
RT: 6.62 min Scan# 375
Delta R.T. 0.22 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Tgt Ion: 77 Resp: 31373

Ion	Ratio	Lower	Upper
77	100		
105	79.7	91.6	131.6#
106	70.6	102.6	142.6#



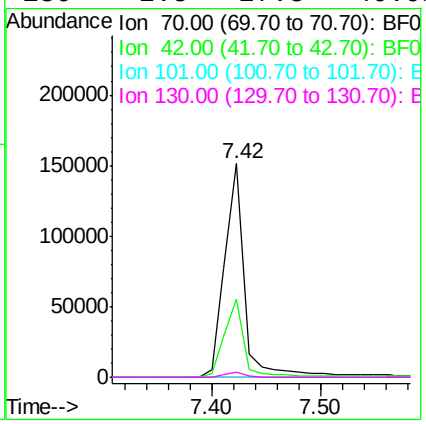


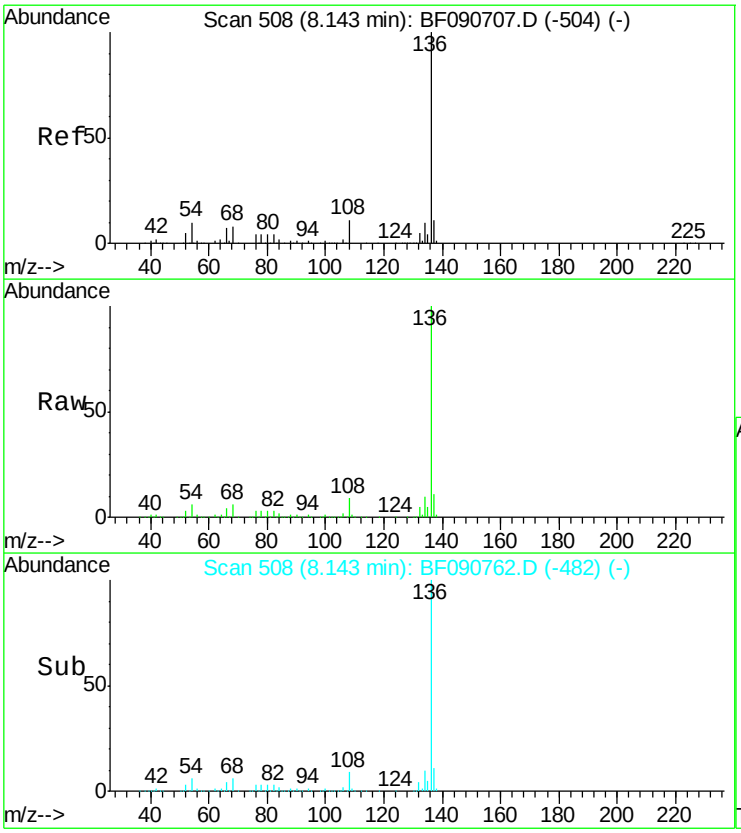
#19
n-Nitroso-di-n-propylamine
Concen: 12.29 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Instrument :
BNA_F
ClientSampleId :
DUP-102016

Tgt Ion: 70 Resp: 190834

Ion	Ratio	Lower	Upper
70	100		
42	36.6	63.8	95.6#
101	0.0	9.2	13.8#
130	2.5	27.3	40.9#

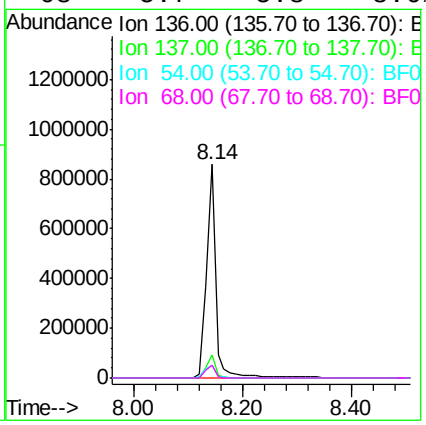


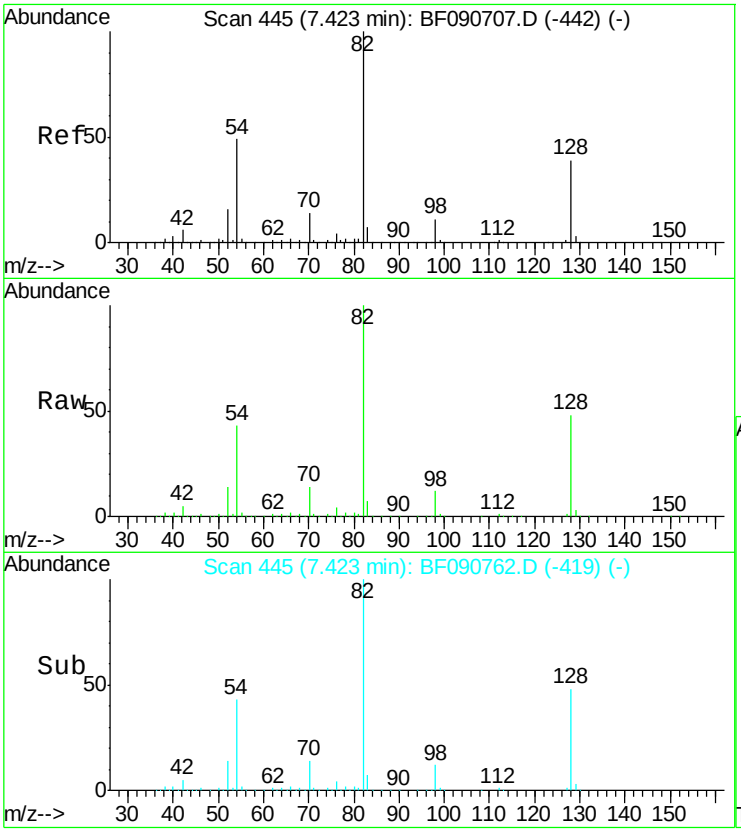


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Tgt Ion:136 Resp: 1019999

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.0	8.2	12.2#
68	5.7	5.8	8.6#



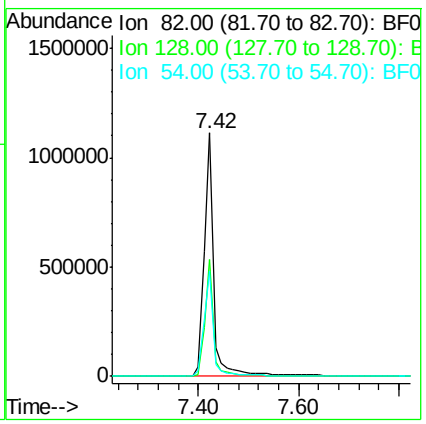


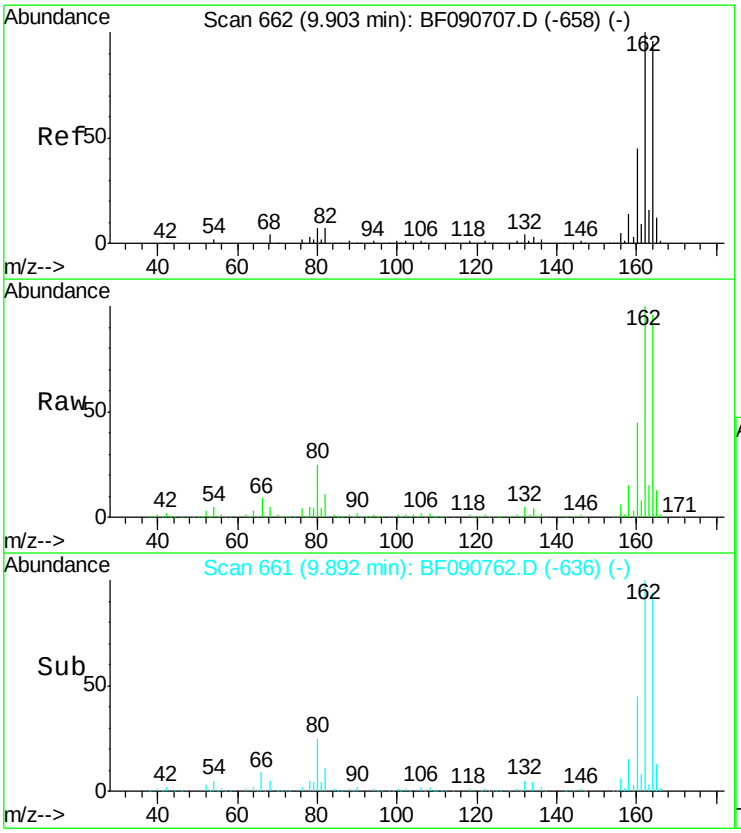
#23
Nitrobenzene-d5
Concen: 79.30 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Instrument :
BNA_F
ClientSampleId :
DUP-102016

Tgt Ion: 82 Resp: 1474752

Ion	Ratio	Lower	Upper
82	100		
128	48.1	51.0	76.6#
54	43.5	47.5	71.3#

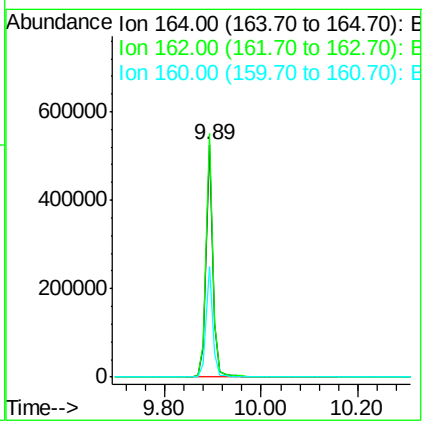


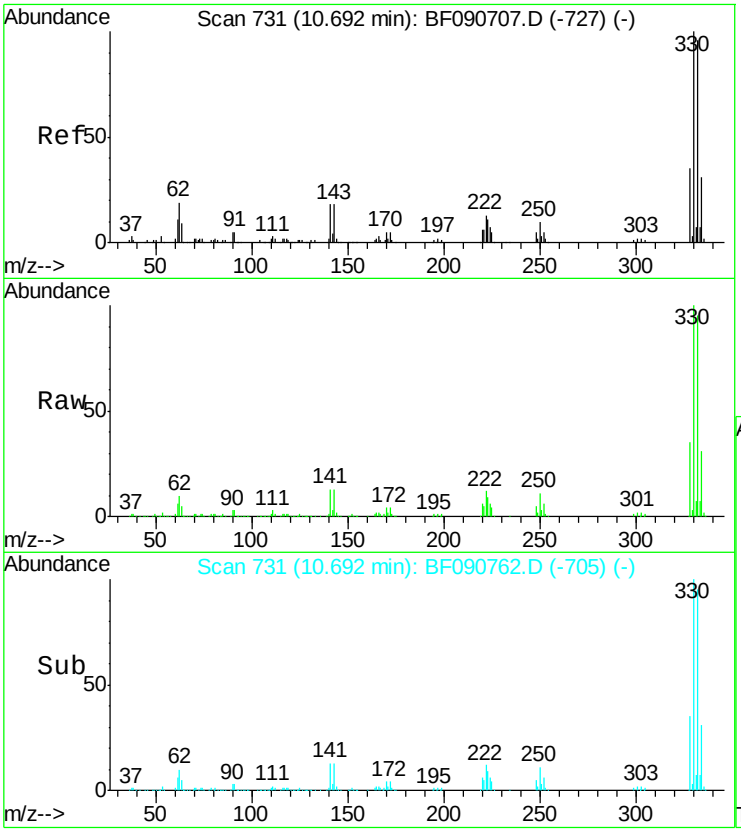


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Tgt Ion:164 Resp: 518906

Ion	Ratio	Lower	Upper
164	100		
162	104.7	75.2	112.8
160	47.4	31.5	47.3#



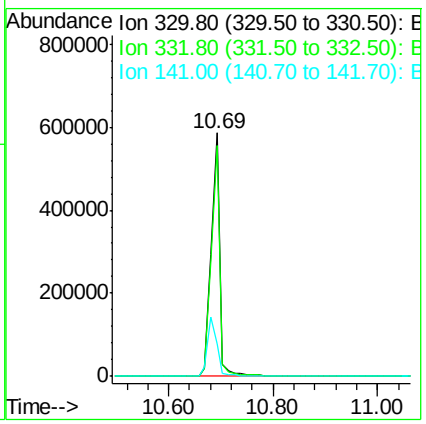


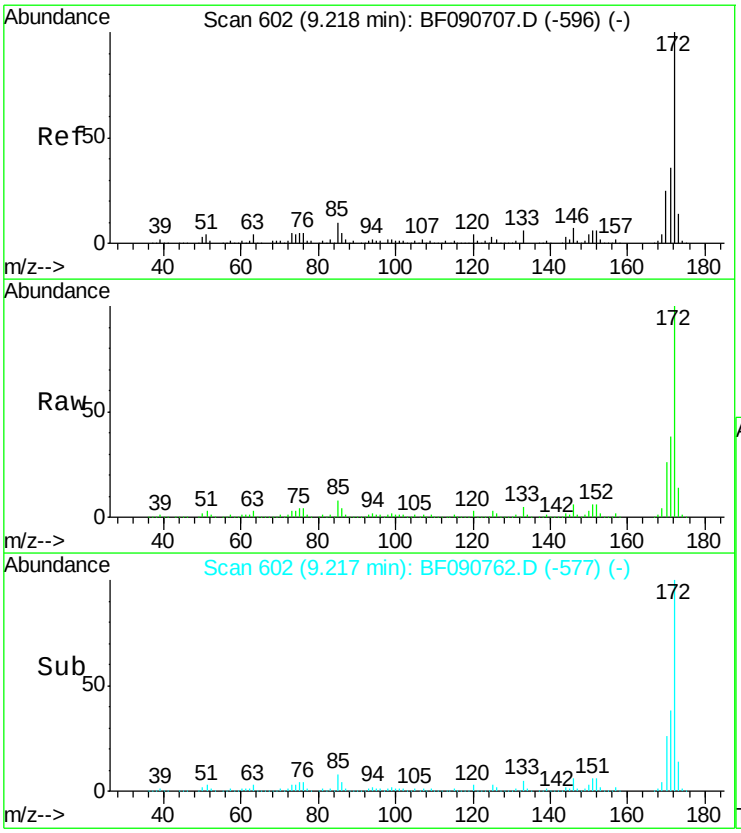
#41
2,4,6-Tribromophenol
Concen: 164.26 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Instrument :
BNA_F
ClientSampleId :
DUP-102016

Tgt Ion:330 Resp: 674644

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	27.9	29.7	44.5#

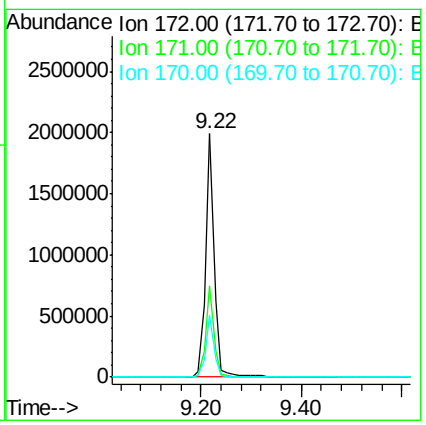


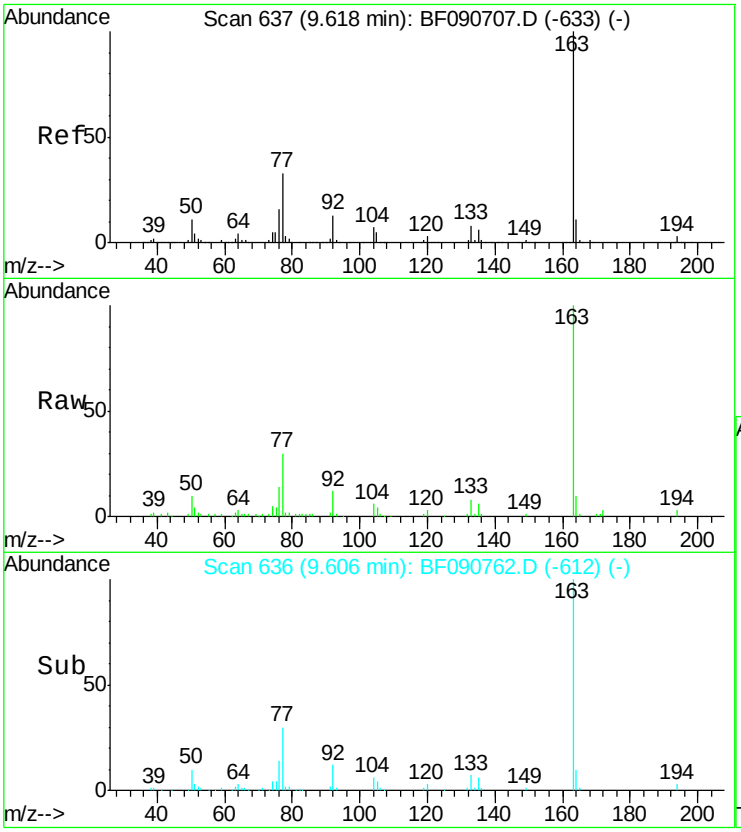


#44
2-Fluorobiphenyl
Concen: 71.75 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Tgt Ion:172 Resp: 2398273

Ion	Ratio	Lower	Upper
172	100		
171	37.7	26.1	39.1
170	25.6	17.4	26.2



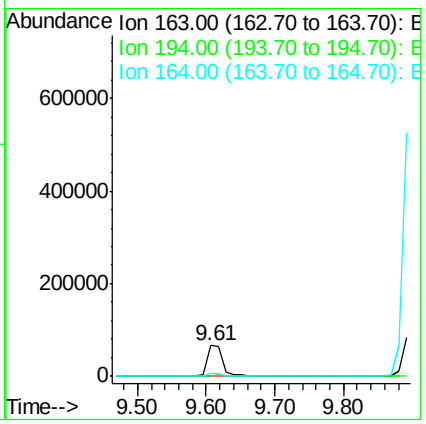


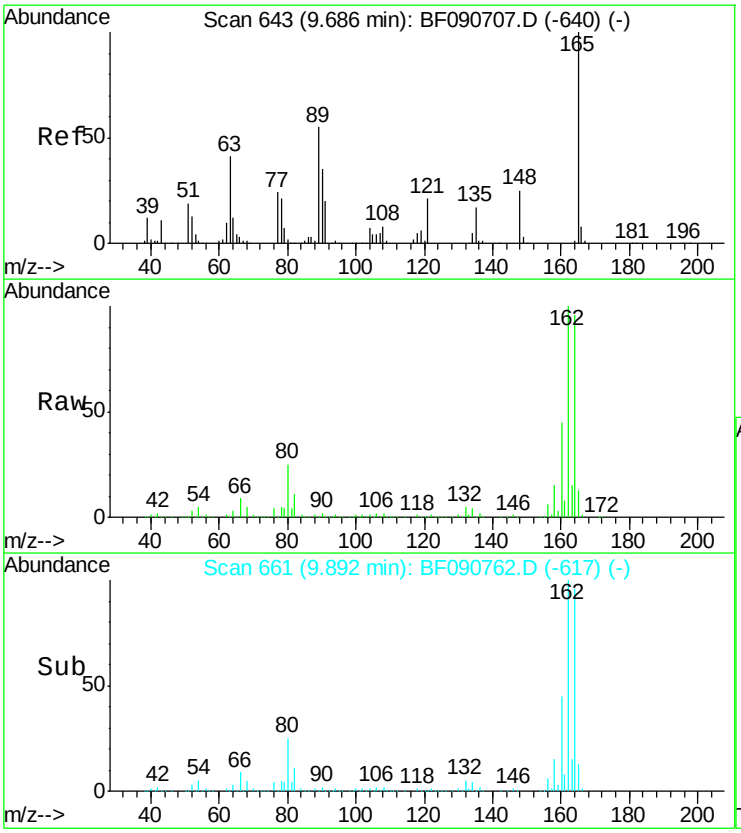
#49
Dimethylphthalate
Concen: 3.34 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Instrument :
BNA_F
ClientSampleId :
DUP-102016

Tgt Ion:163 Resp: 108937

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.4	8.3	12.5

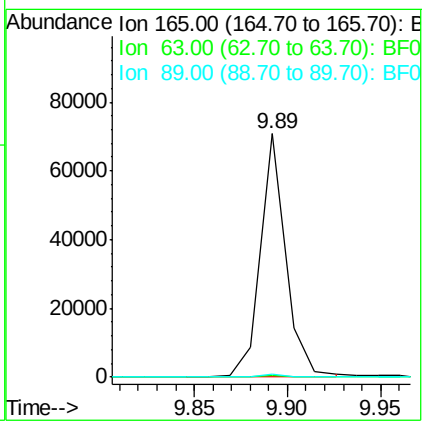


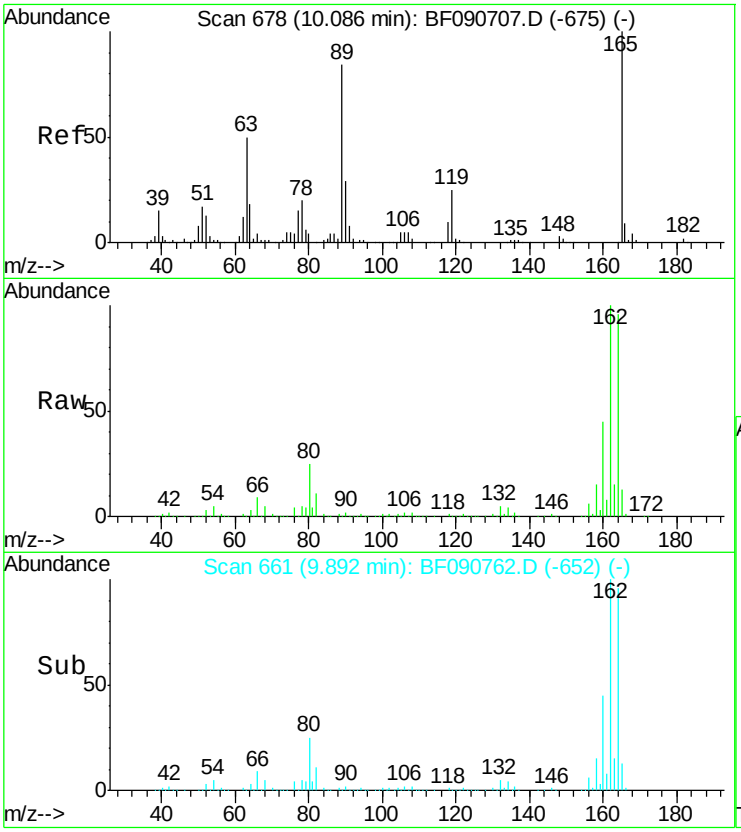


#50
2,6-Dinitrotoluene
Concen: 9.46 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Tgt Ion:165 Resp: 66334

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	1.1	28.6	43.0#



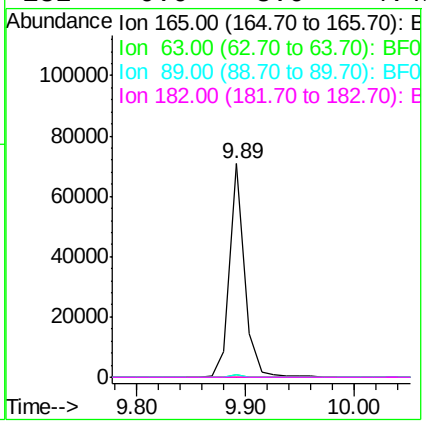


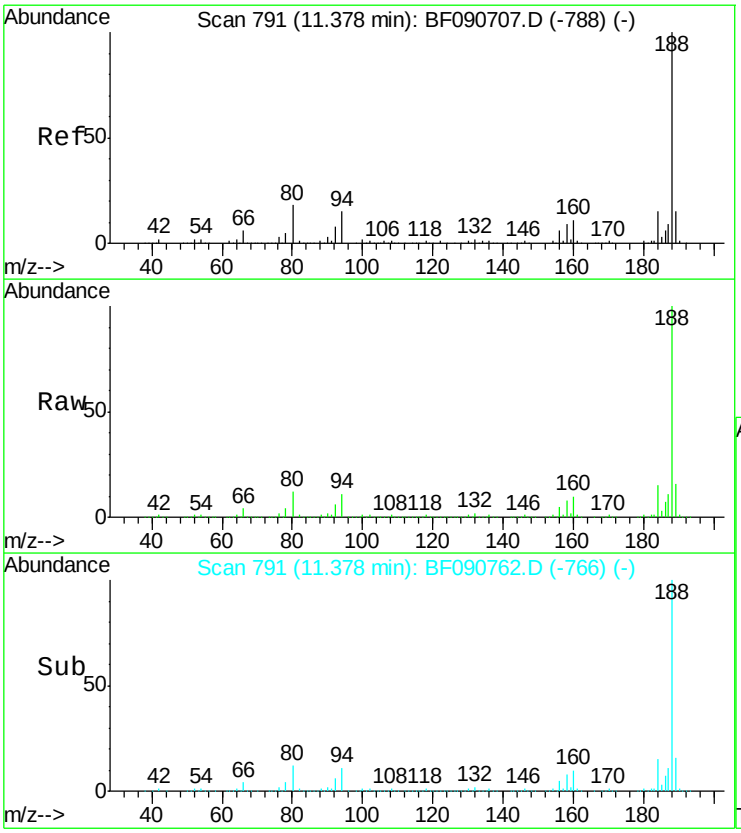
#56
2,4-Dinitrotoluene
Concen: 7.86 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Instrument :
BNA_F
ClientSampleId :
DUP-102016

Tgt Ion:165 Resp: 67368

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

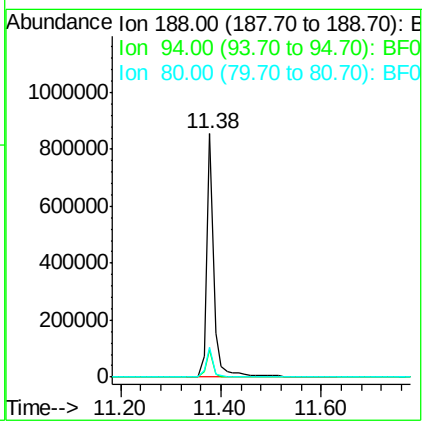


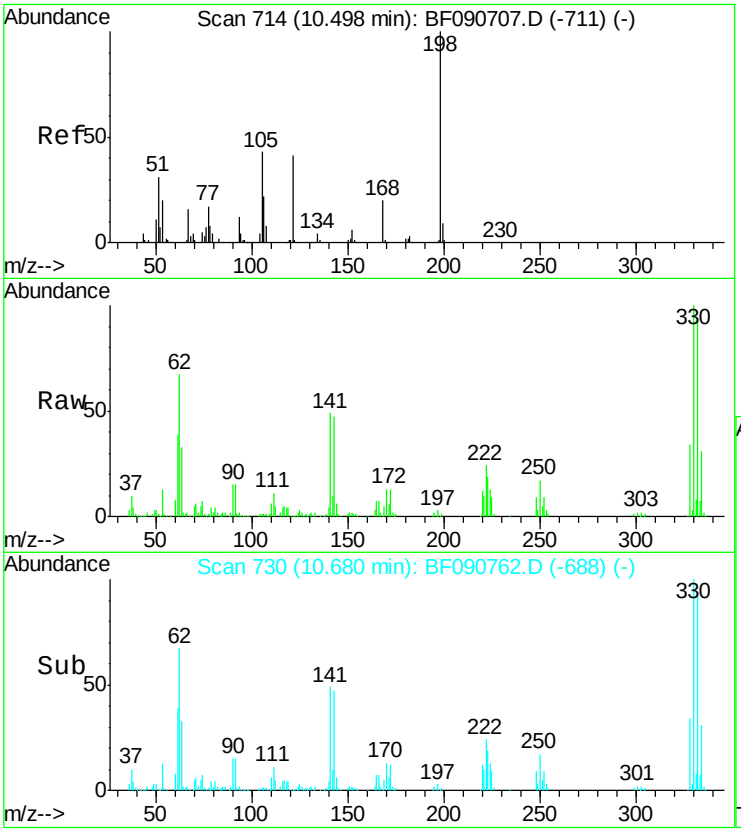


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Tgt Ion:188 Resp: 844447

Ion	Ratio	Lower	Upper
188	100		
94	11.3	11.1	16.7
80	12.2	11.0	16.4



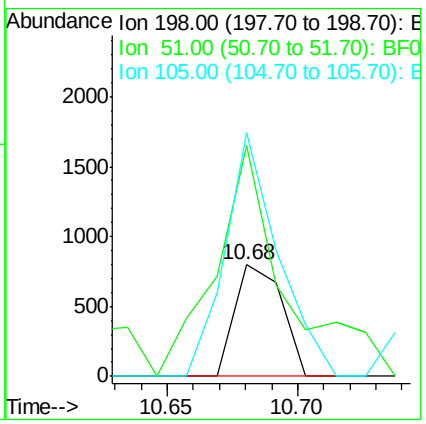


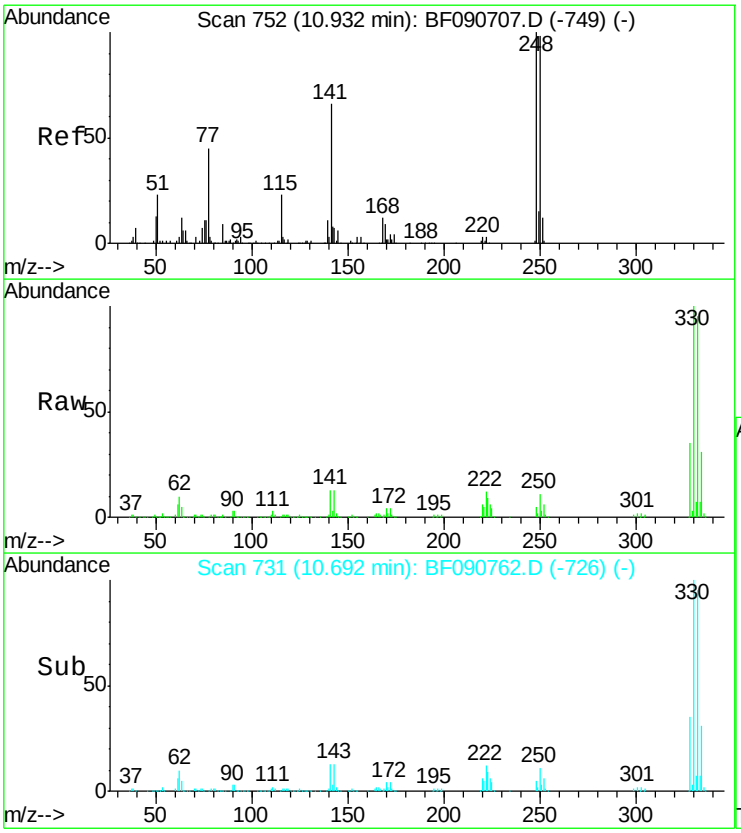
#64
4,6-Dinitro-2-methylphenol
Concen: 4.35 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Instrument :
BNA_F
ClientSampleId :
DUP-102016

Tgt Ion:198 Resp: 1006

Ion	Ratio	Lower	Upper
198	100		
51	206.3	39.6	79.6#
105	218.0	28.5	68.5#

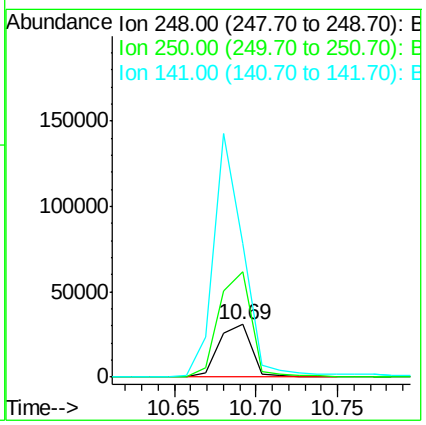


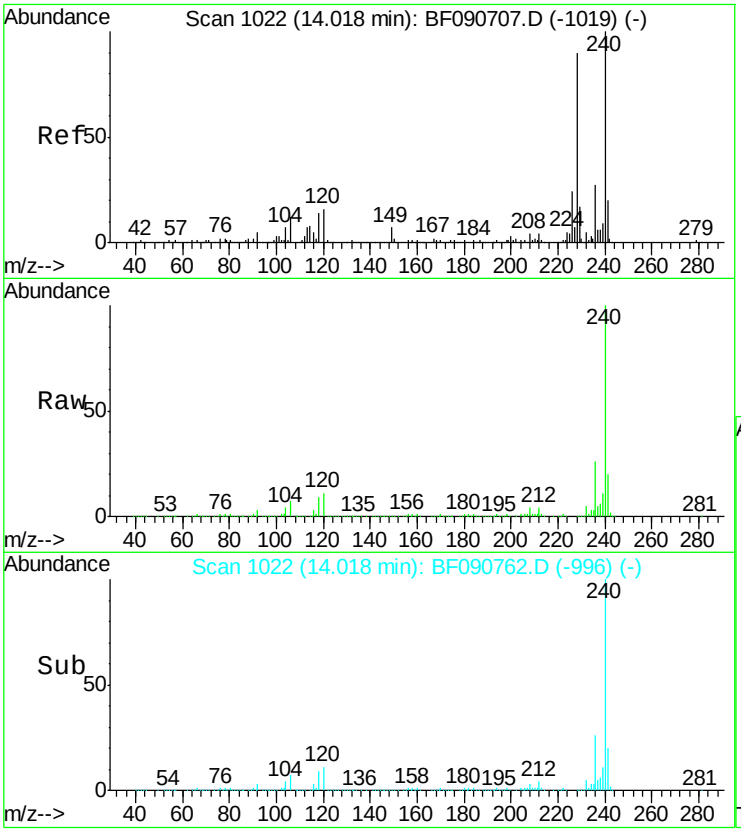


#66
4-Bromophenyl-phenylether
Concen: 5.16 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.24 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Tgt Ion:248 Resp: 42272

Ion	Ratio	Lower	Upper
248	100		
250	201.3	78.5	117.7#
141	254.3	59.0	88.6#



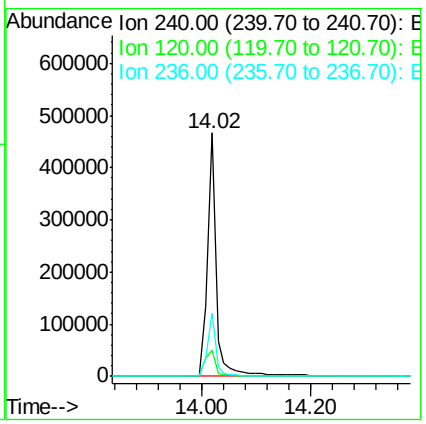


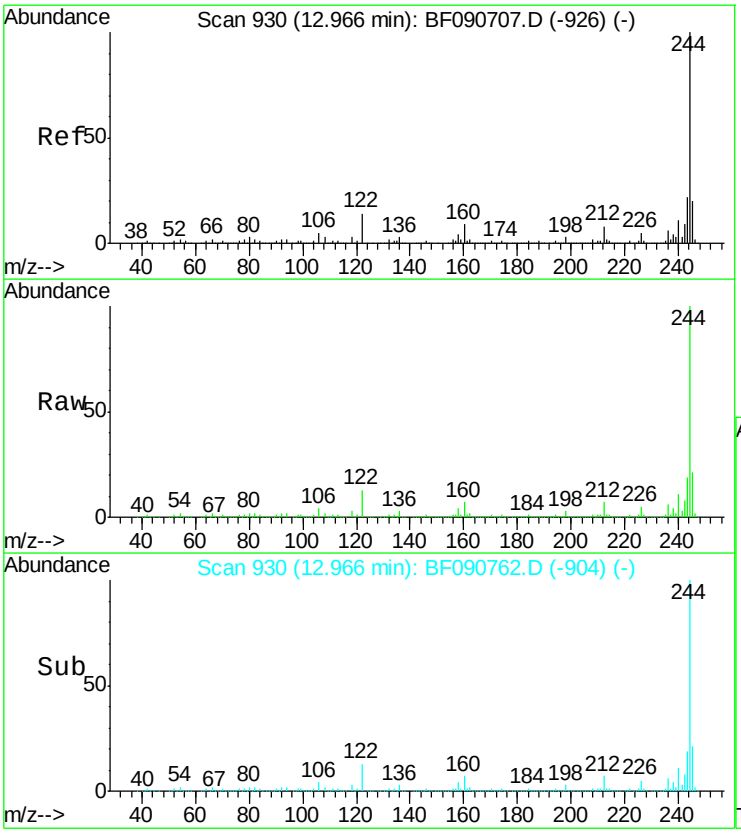
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Instrument :
BNA_F
ClientSampleId :
DUP-102016

Tgt Ion:240 Resp: 527901

Ion	Ratio	Lower	Upper
240	100		
120	10.6	16.2	24.2#
236	26.1	18.4	27.6

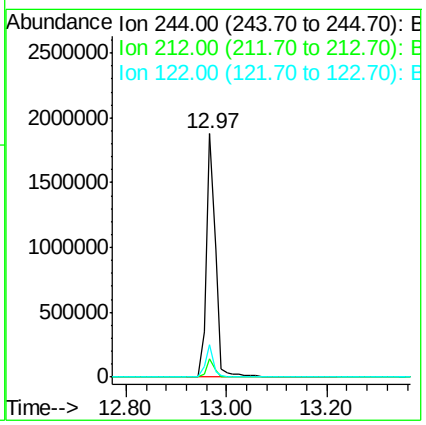


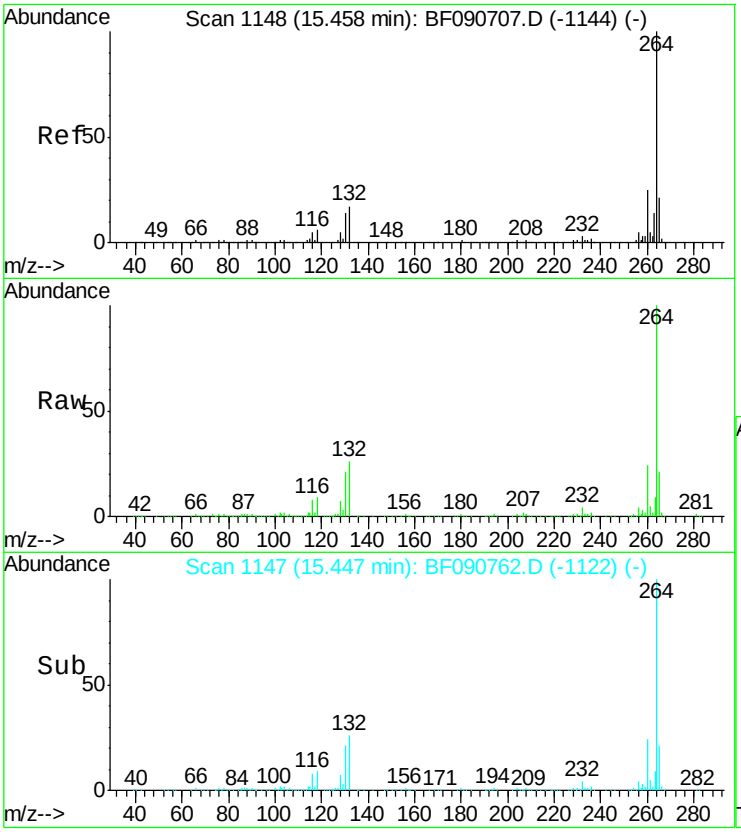


#78
Terphenyl-d14
Concen: 103.14 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090762.D
Acq: 22 Oct 2016 15:10

Tgt Ion:244 Resp: 2375716

Ion	Ratio	Lower	Upper
244	100		
212	7.4	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: BF090762.D
Acq: 22 Oct 2016 15:10

Instrument :
BNA_F
ClientSampleId :
DUP-102016

Tgt Ion:264 Resp: 379883

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.2	17.2	25.8