Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086709.D
Acq On : 5 May 2016 15:00
Operator : UM/SJ
Sample : PB90053TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90053TB

Quant Time: May 06 01:13:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170635	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	722713	40.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	346000	40.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	685089	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	561349	40.00	ng	-0.01
86) Perylene-d12	15.25	264	452346	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1181392	114.62	ng	0.00
7) Phenol-d6	6.37	99	1673426	120.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	996313	70.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	400992	118.47	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1820762	86.26	ng	-0.01
78) Terphenyl-d14	12.83	244	1603521	57.73	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.88	79	18382	2.05	ng	# 42
19) n-Nitroso-di-n-propylamine	7.29	70	136868	14.43	ng	# 72
25) Isophorone	7.29	82	791854	30.23	ng	# 68
50) 2,6-Dinitrotoluene	9.76	165	42864	7.74	ng	# 20
56) 2,4-Dinitrotoluene	9.76	165	42866	6.25	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.54	198	872	5.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	23011	3.38	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
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Acq On : 5 May 2016 15:00
Operator : UM/SJ
Sample : PB90053TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: May 06 01:13:29 2016
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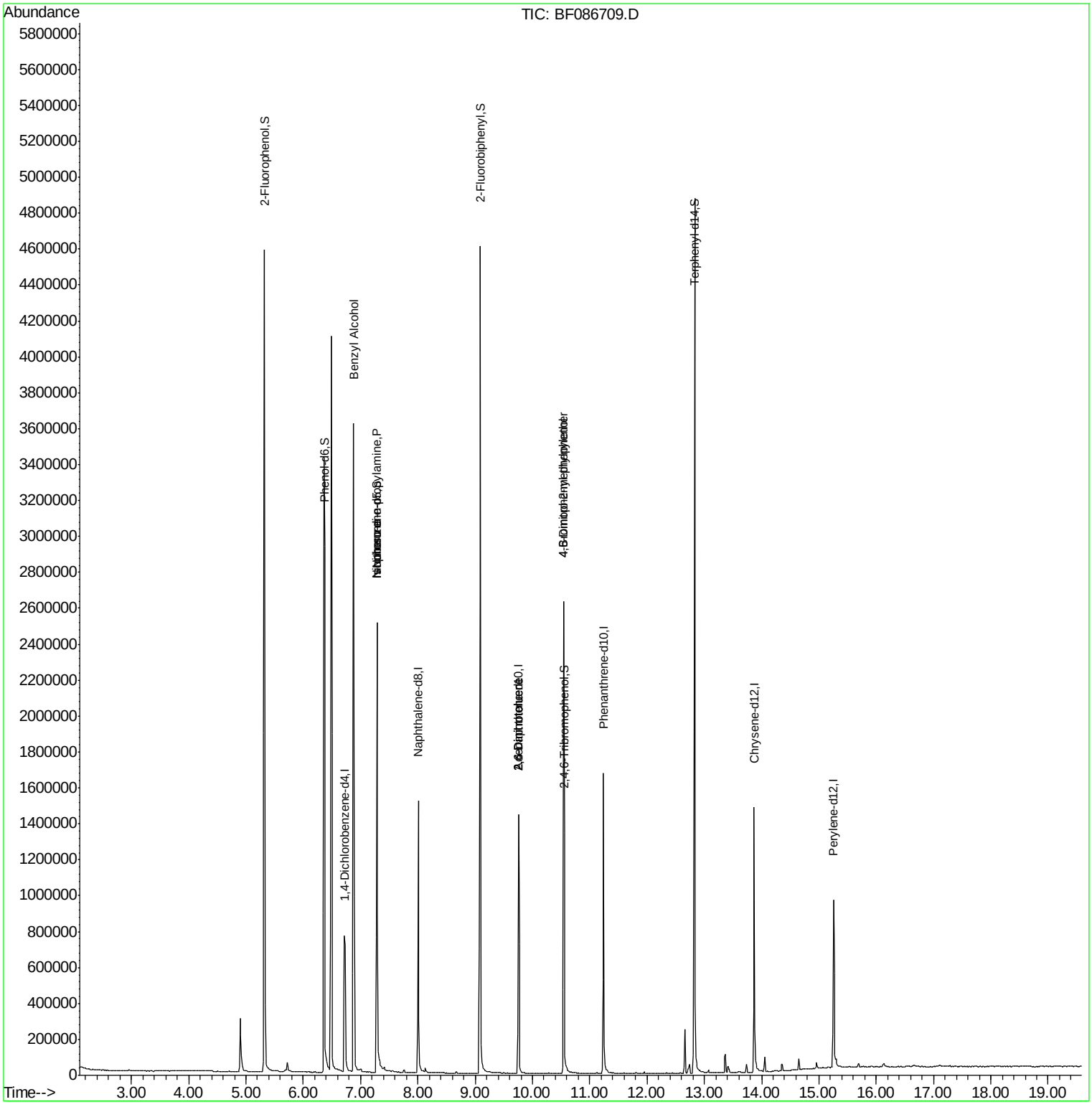
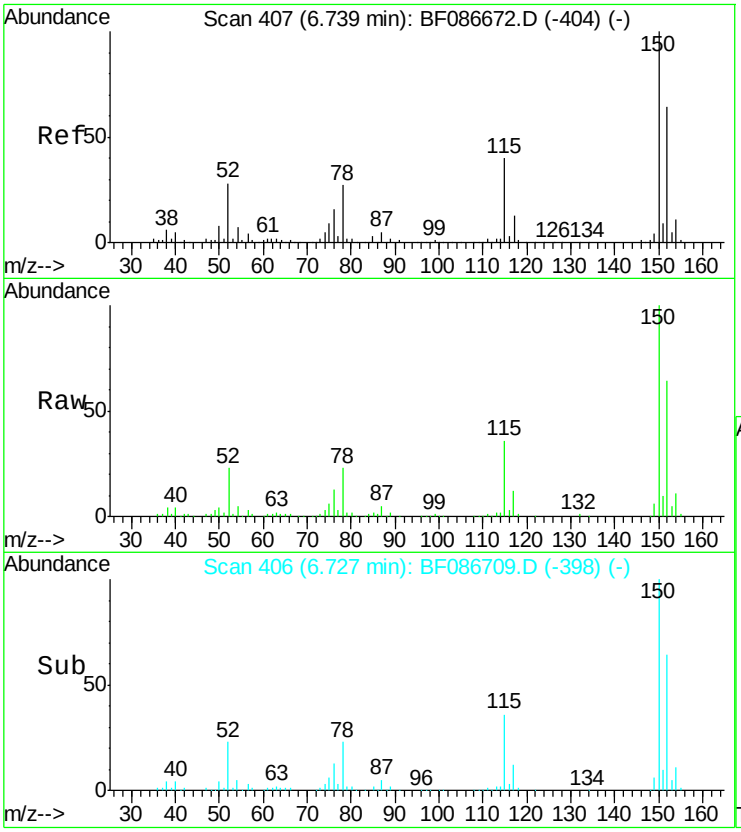


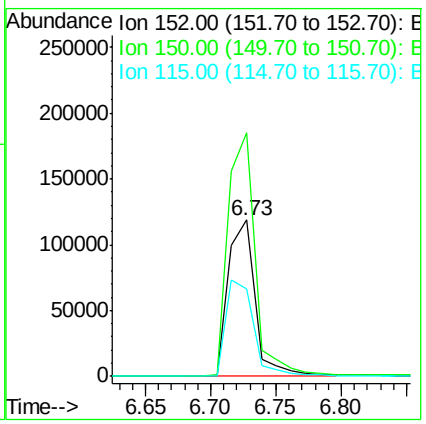


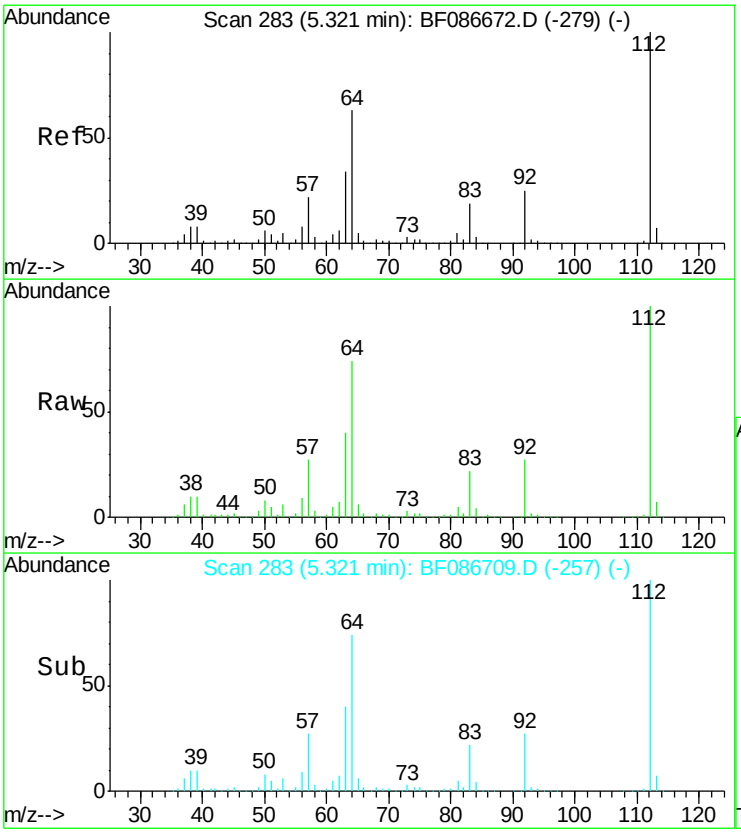
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion:152 Resp: 170635

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.8	188.6
115	55.8	51.5	77.3

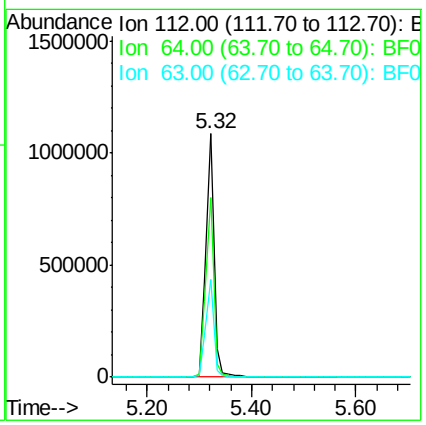


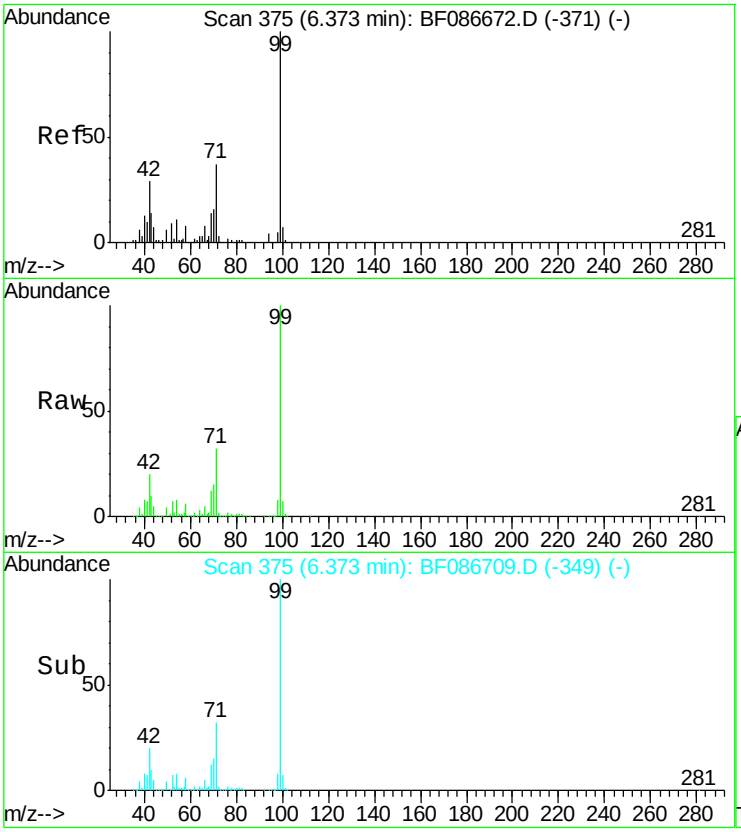


#5
2-Fluorophenol
Concen: 114.62 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Tgt Ion:112 Resp: 1181392

Ion	Ratio	Lower	Upper
112	100		
64	73.6	52.1	78.1
63	40.0	25.7	38.5#



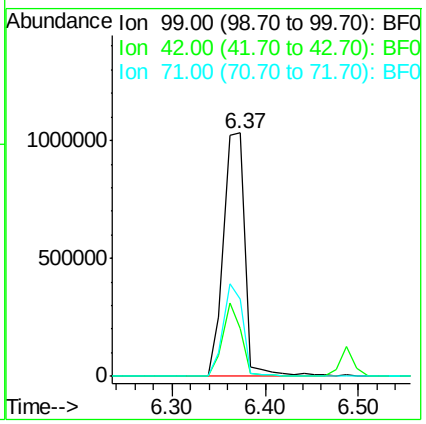


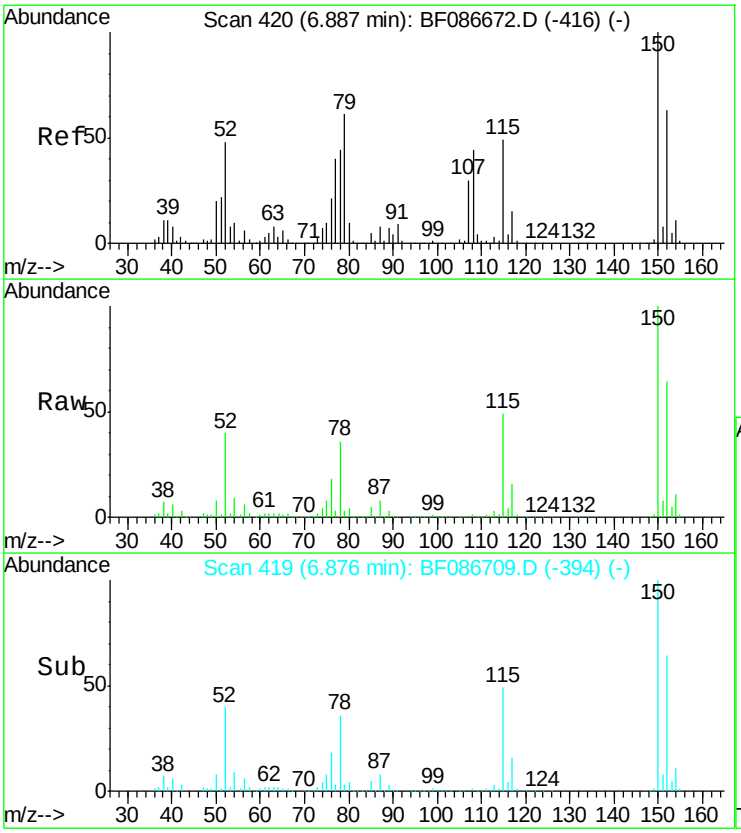
#7
Phenol-d6
Concen: 120.53 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion: 99 Resp: 1673426

Ion	Ratio	Lower	Upper
99	100		
42	19.9	13.6	20.4
71	31.6	24.6	36.8

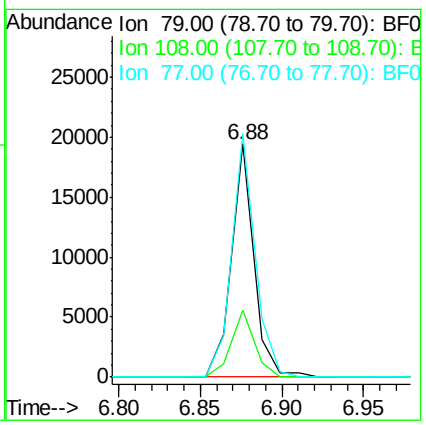


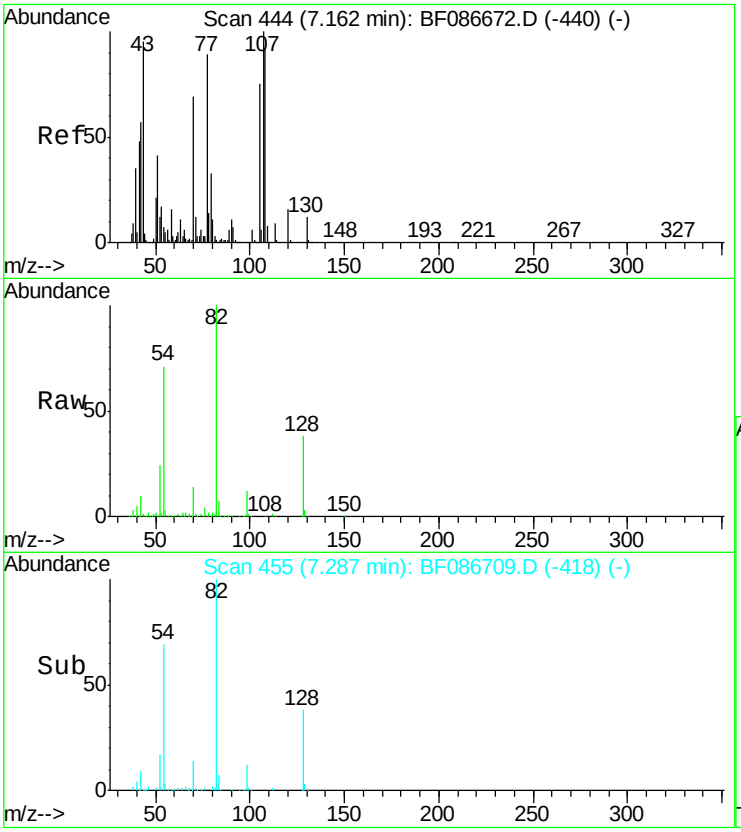


#15
Benzyl Alcohol
Concen: 2.05 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Tgt Ion: 79 Resp: 18382

Ion	Ratio	Lower	Upper
79	100		
108	28.9	68.4	102.6#
77	104.5	50.6	76.0#



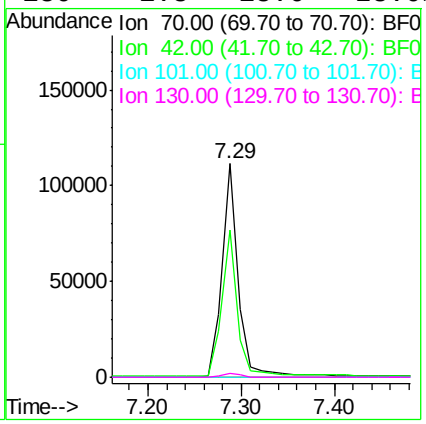


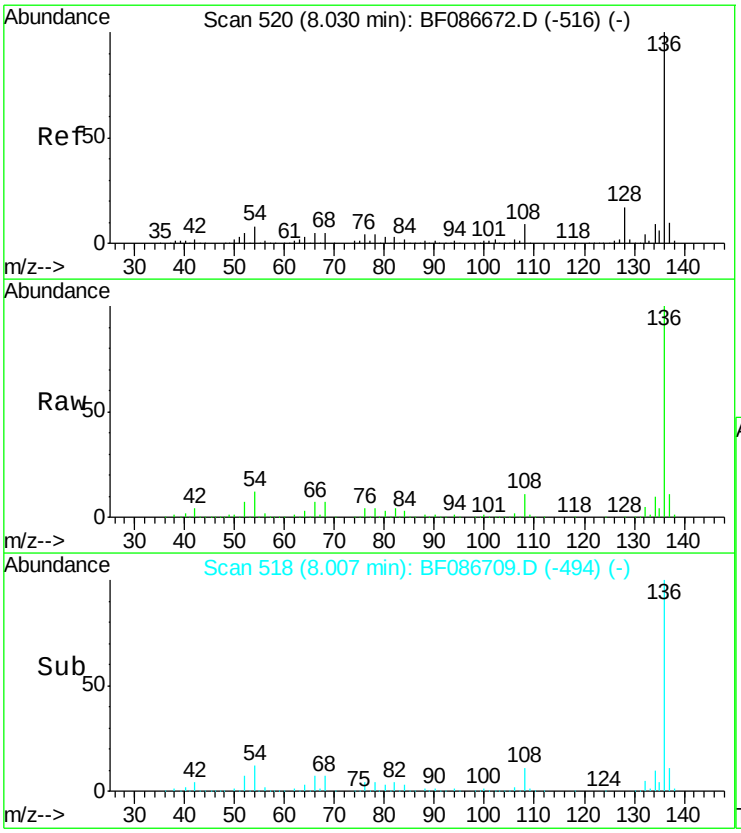
#19
n-Nitroso-di-n-propylamine
Concen: 14.43 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.13 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion: 70 Resp: 136868

Ion	Ratio	Lower	Upper
70	100		
42	68.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#

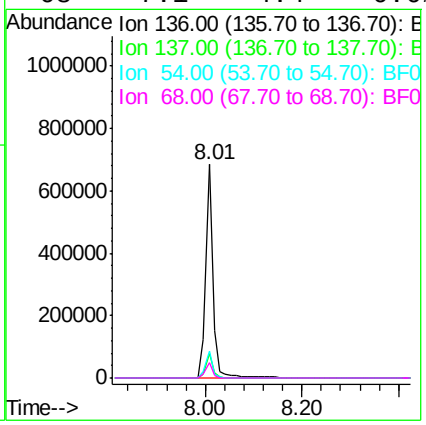


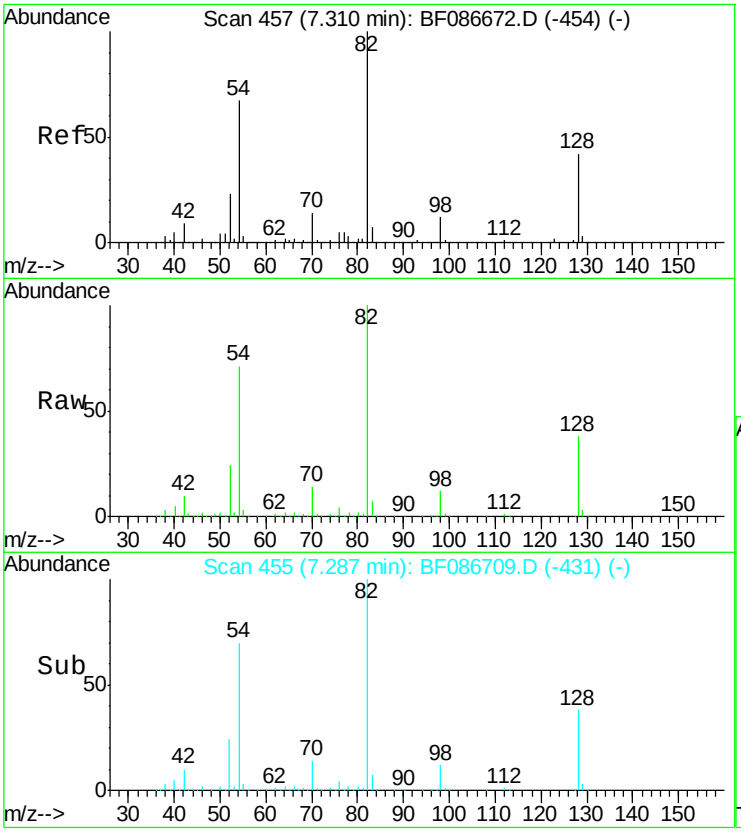


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Tgt Ion:136 Resp: 722713

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.4	5.0	7.4#
68	7.1	4.4	6.6#



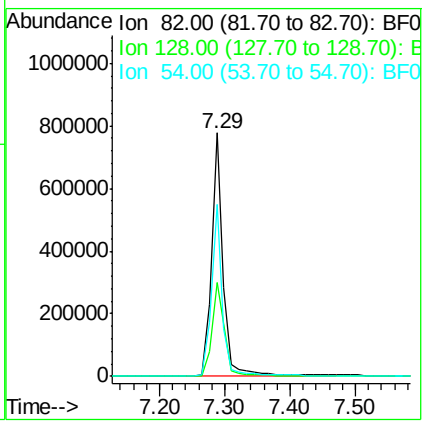


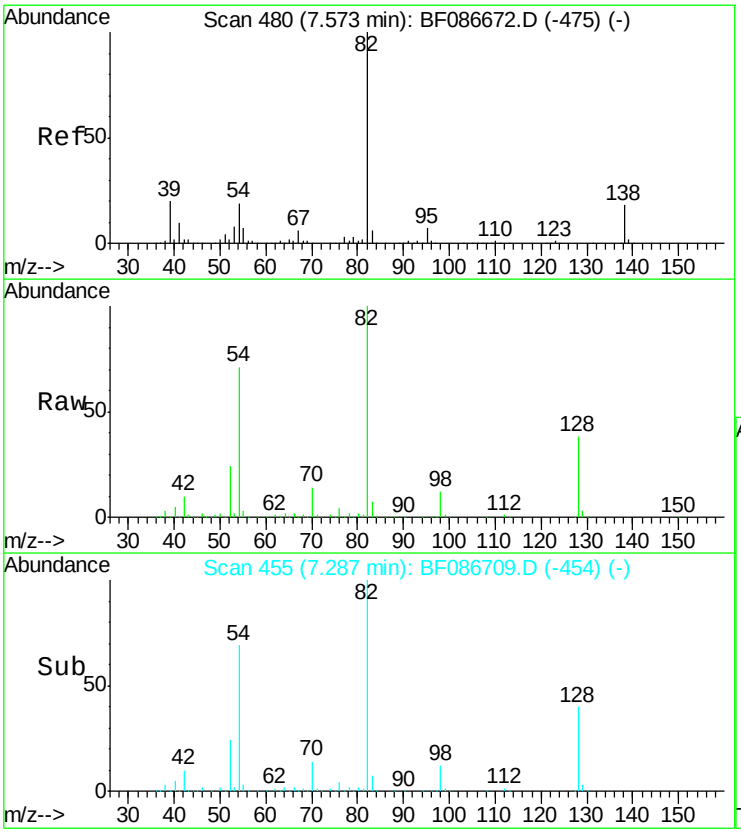
#23
Nitrobenzene-d5
Concen: 70.84 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion: 82 Resp: 996313

Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.6	61.0#
54	70.5	38.1	57.1#

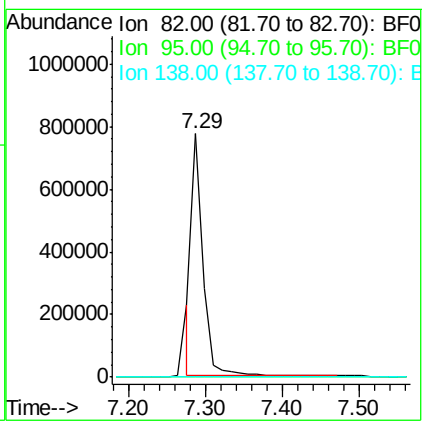


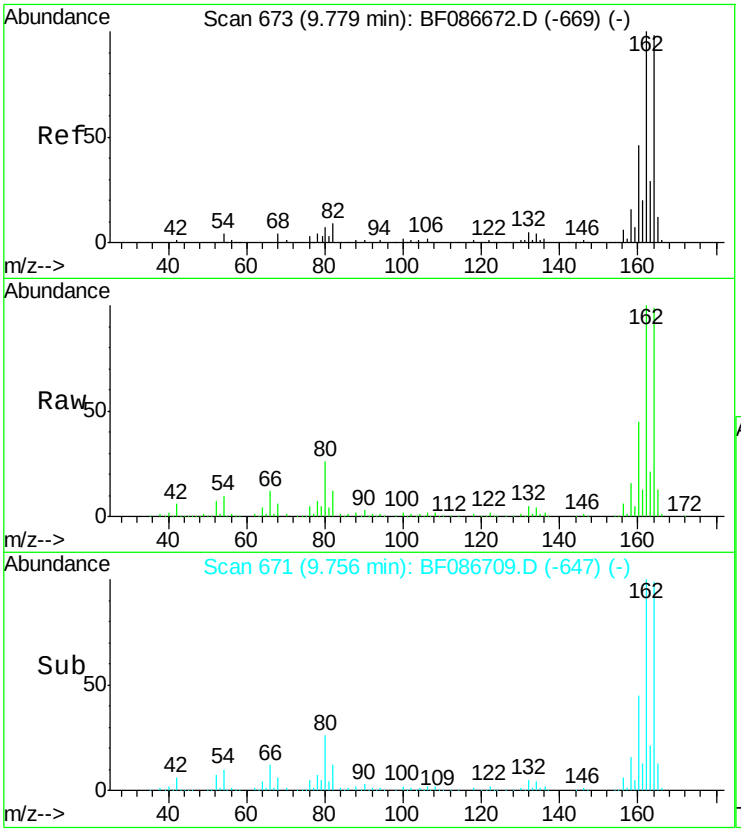


#25
Isophorone
Concen: 30.23 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.29 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Tgt Ion: 82 Resp: 791854

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



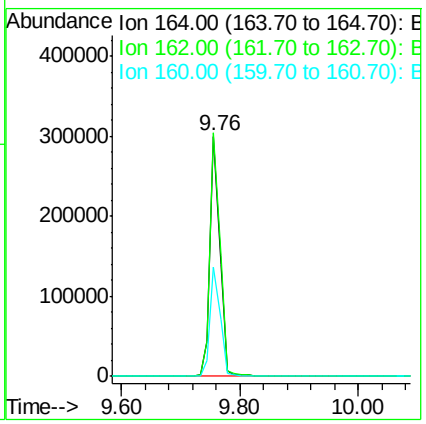


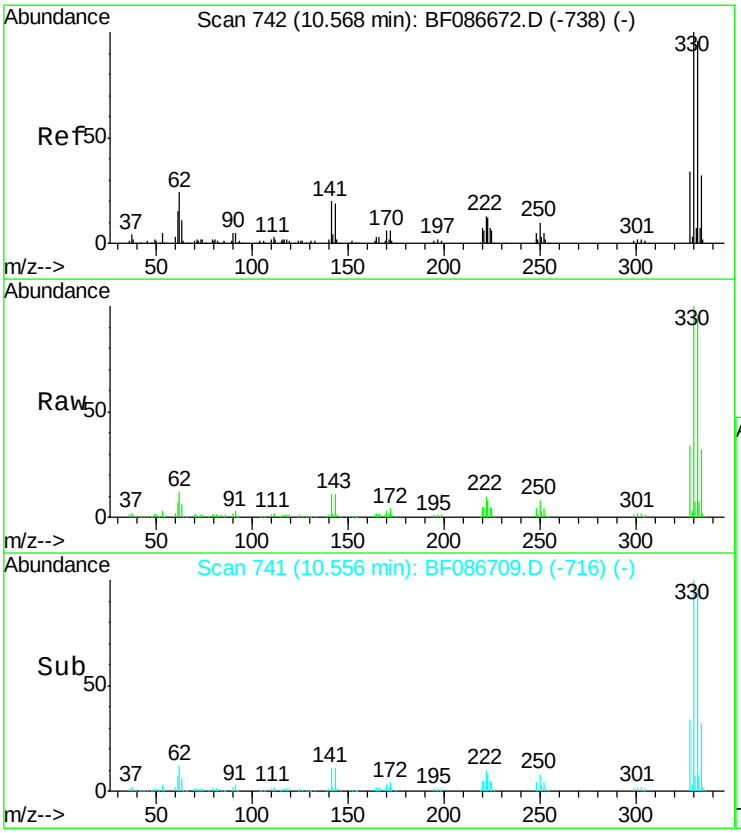
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion:164 Resp: 346000

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	45.3	36.9	55.3

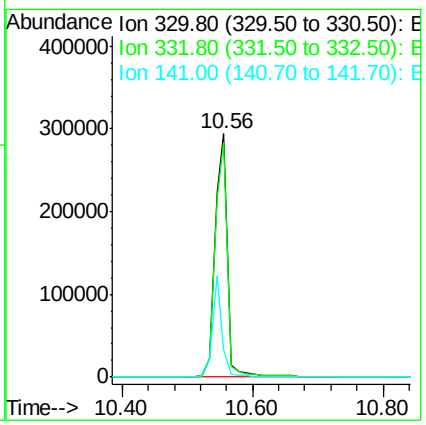


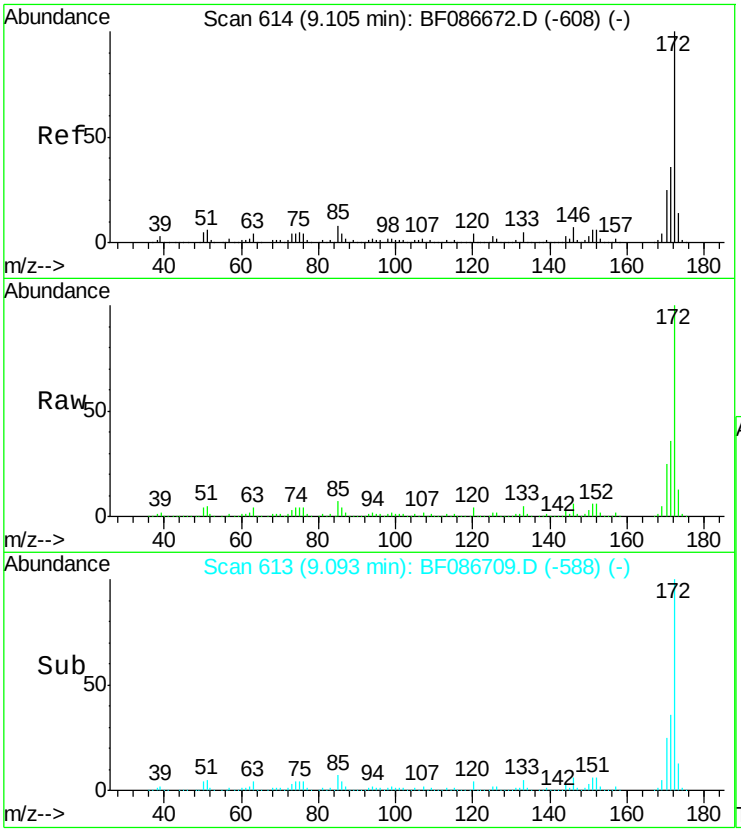


#41
2,4,6-Tribromophenol
Concen: 118.47 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Tgt Ion:330 Resp: 400992

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	33.2	31.2	46.8



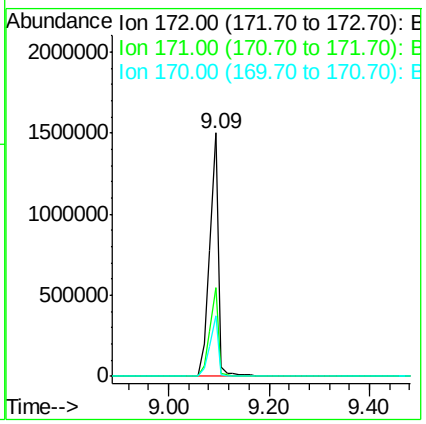


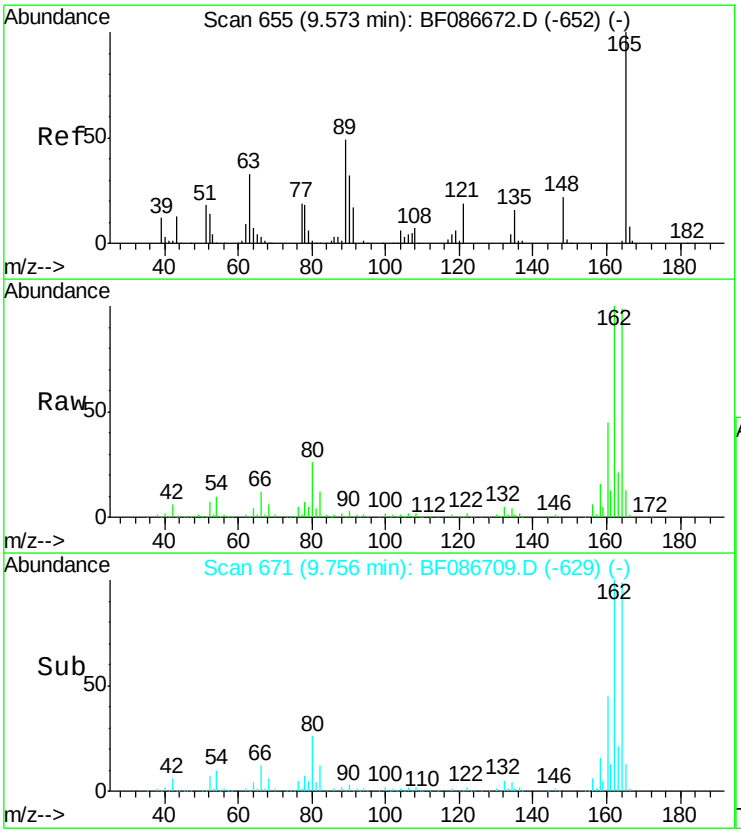
#44
2-Fluorobiphenyl
Concen: 86.26 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion:172 Resp: 1820762

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	25.0	19.8	29.8

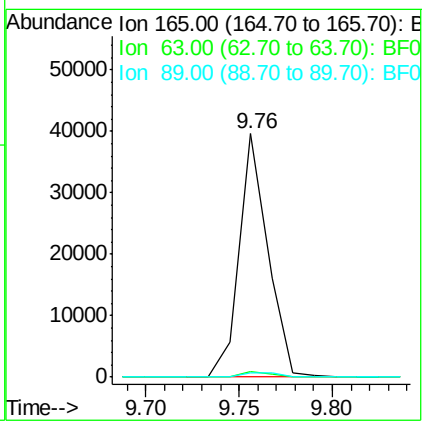


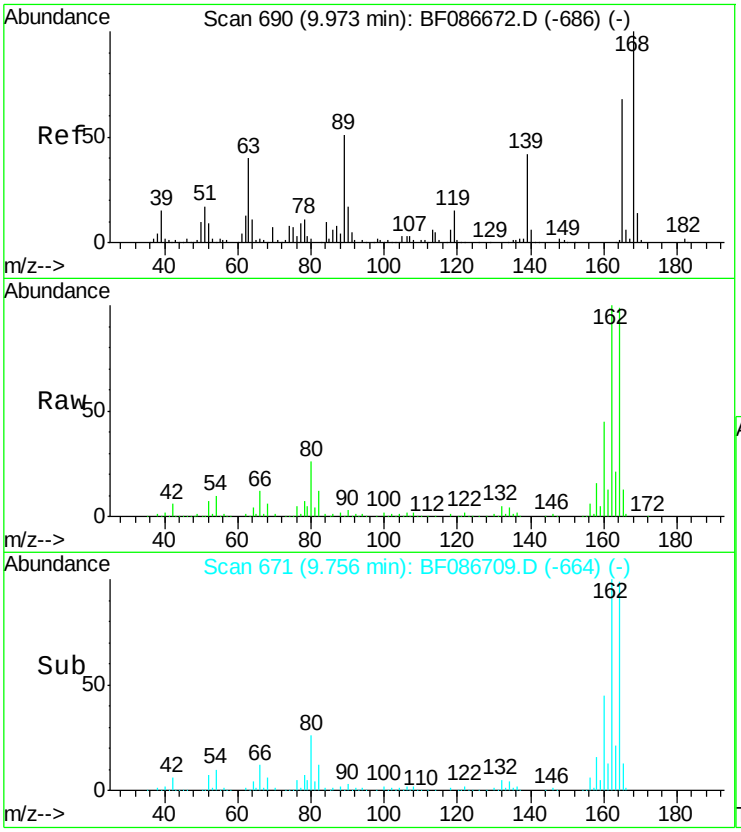


#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.18 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Tgt Ion:165 Resp: 42864

Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.8	77.8#
89	1.6	50.7	76.1#



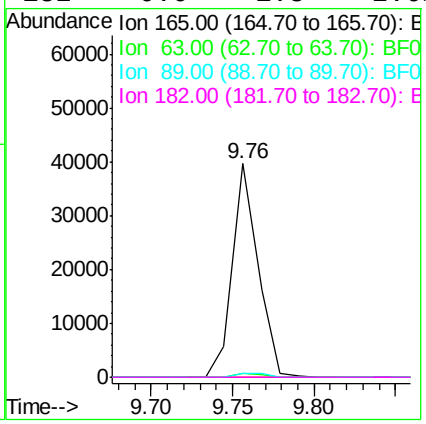


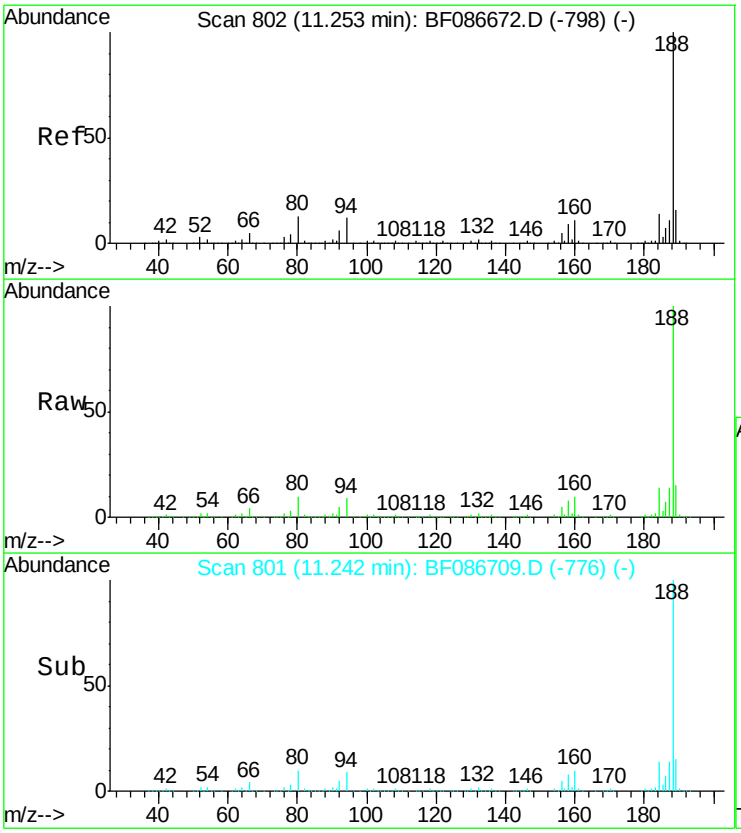
#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.22 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion:165 Resp: 42866

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	1.6	70.0	105.0#
182	0.0	1.8	2.6#

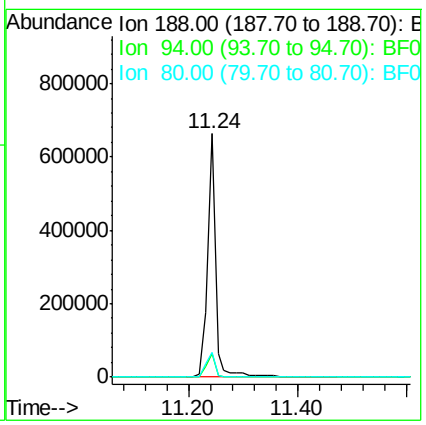


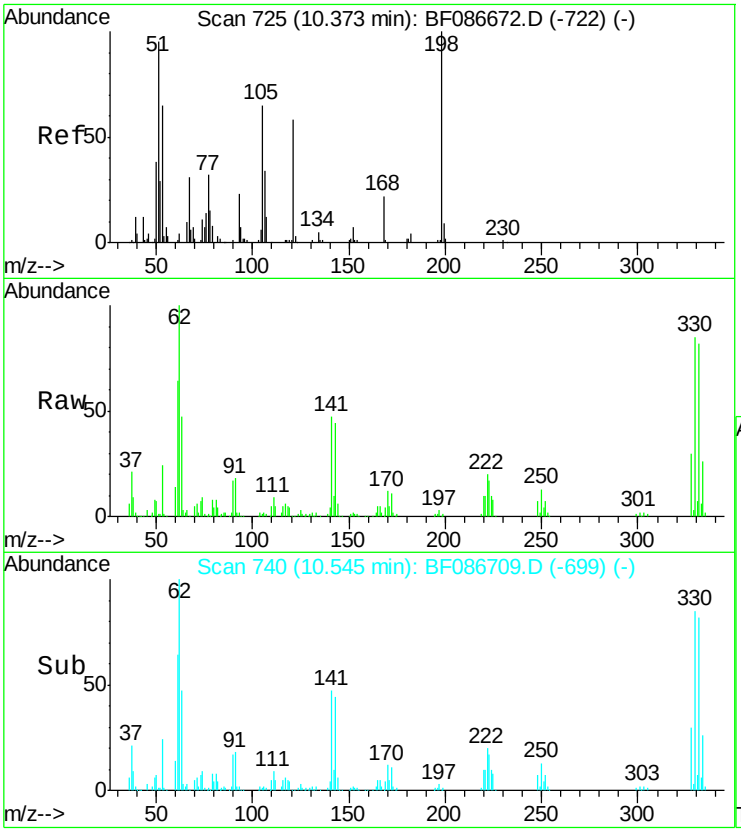


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Tgt Ion:188 Resp: 685089

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.8	10.2
80	10.1	7.1	10.7



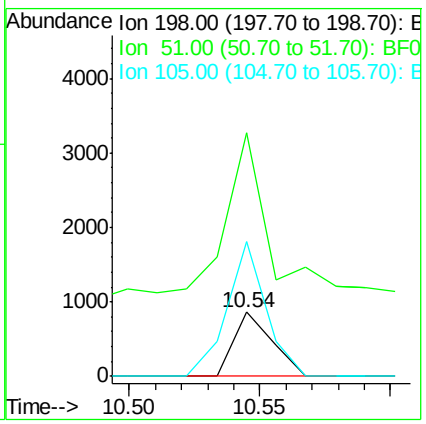


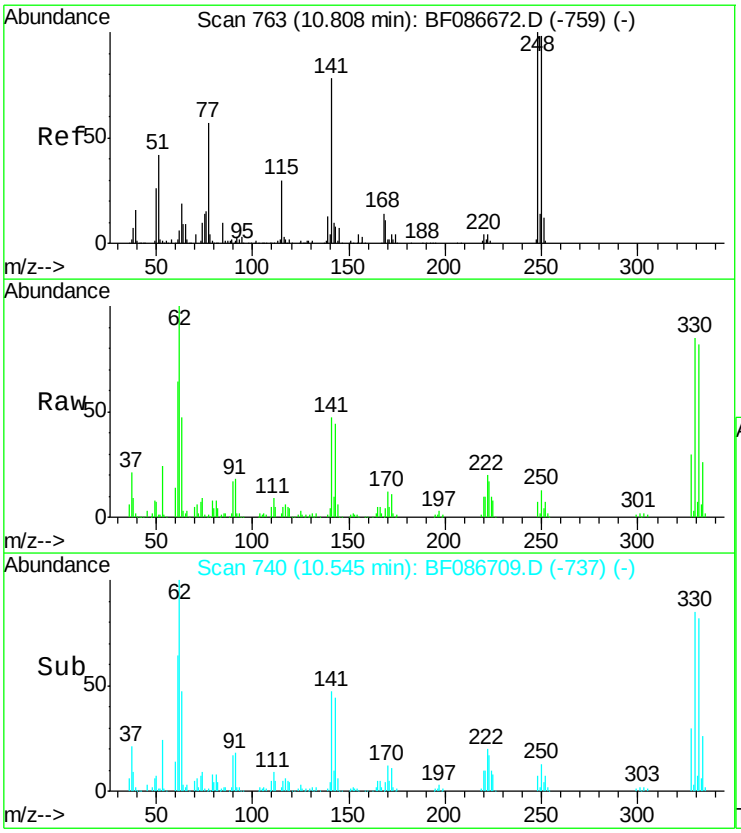
#64
4,6-Dinitro-2-methylphenol
Concen: 5.50 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.17 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion:198 Resp: 872

Ion	Ratio	Lower	Upper
198	100		
51	381.4	20.5	60.5#
105	211.4	24.5	64.5#

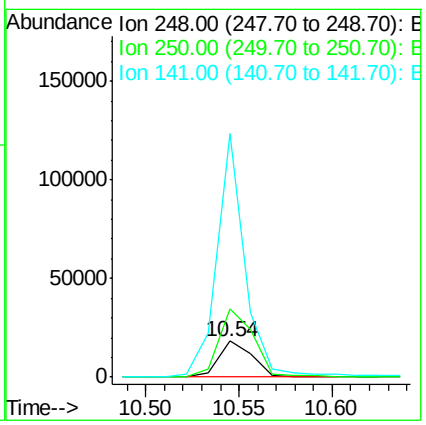


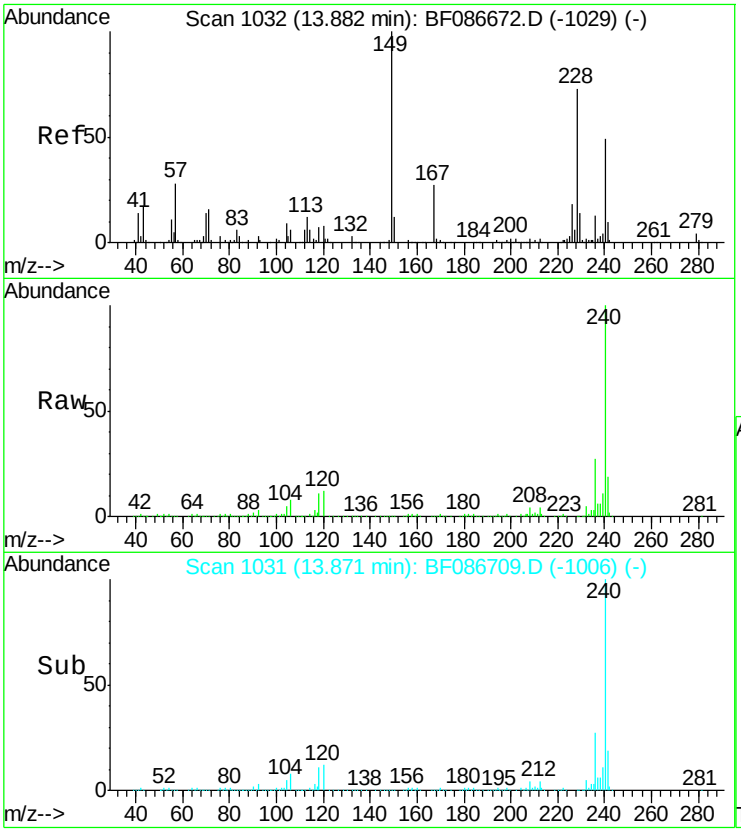


#66
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.26 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Tgt Ion:248 Resp: 23011

Ion	Ratio	Lower	Upper
248	100		
250	188.2	78.6	117.8#
141	675.1	76.0	114.0#



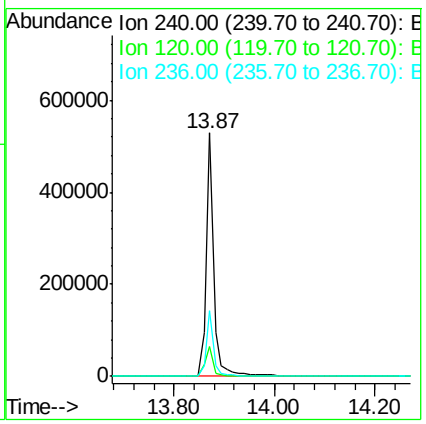


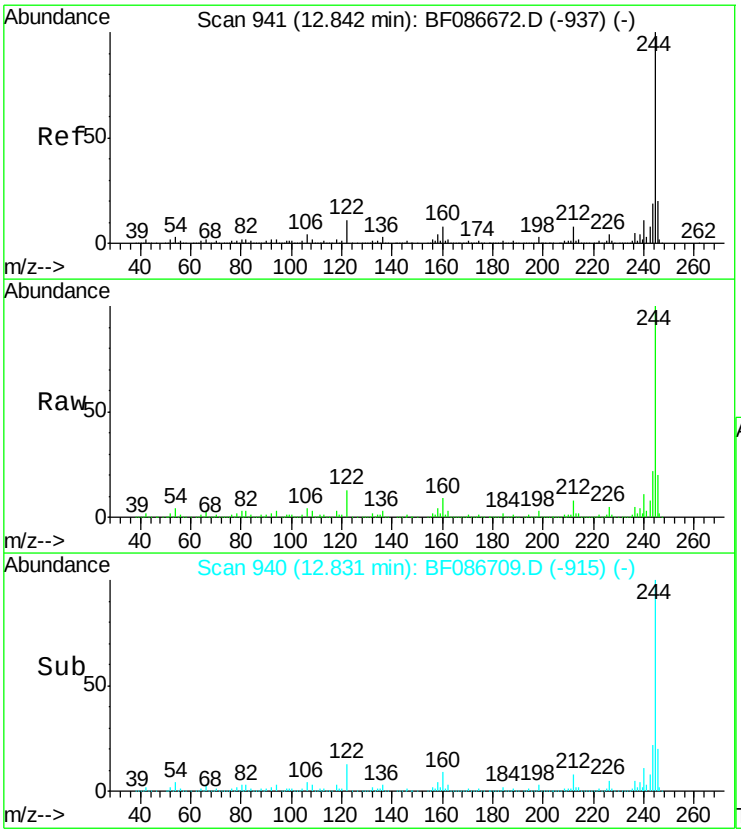
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion:240 Resp: 561349

Ion	Ratio	Lower	Upper
240	100		
120	12.5	11.2	16.8
236	27.0	21.2	31.8

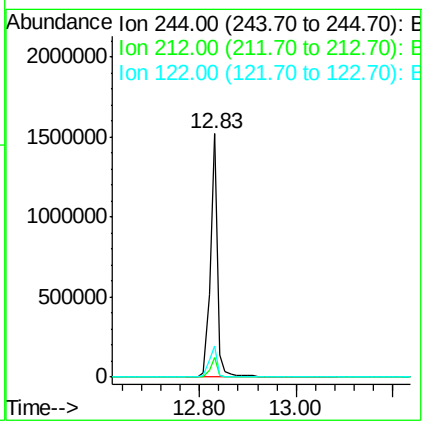


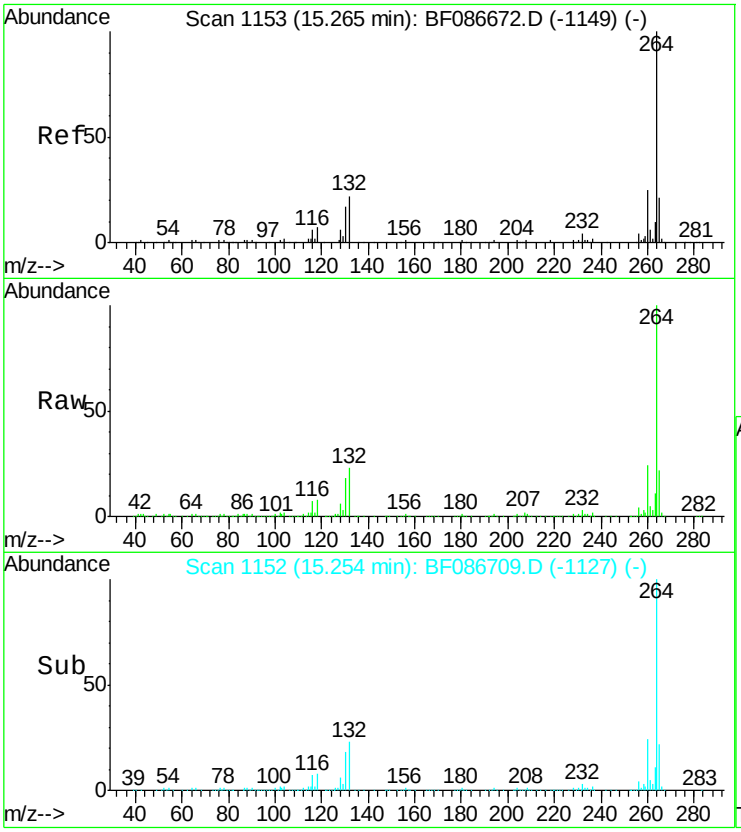


#78
Terphenyl-d14
Concen: 57.73 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Tgt Ion:244 Resp: 1603521

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	12.6	12.0	18.0





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion:264 Resp: 452346

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.8	17.3	25.9