Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
Data File : BF086757.D
Acq On : 7 May 2016 7:05
Operator : UM/SJ
Sample : H2720-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS1

Quant Time: May 07 23:04:47 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	6.70	152	188464	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	761501	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	365607	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	665882	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	469293	40.00	ng	-0.03
86) Perylene-d12	15.22	264	344580	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1333319	117.12	ng	-0.01
7) Phenol-d6	6.36	99	1930161	125.87	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1215629	82.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	526207	147.13	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1977192	88.65	ng	-0.03
78) Terphenyl-d14	12.81	244	1706511	73.49	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	6.85	79	21197	2.14	ng	# 43
19) n-Nitroso-di-n-propylamine	7.28	70	173149	16.53	ng	# 73
25) Isophorone	7.28	82	1183568	42.89	ng	# 68
49) Dimethylphthalate	9.47	163	323600	11.87	ng	99
56) 2,4-Dinitrotoluene	9.73	165	45849	6.33	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	1251	5.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	33225	5.02	ng	# 1

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

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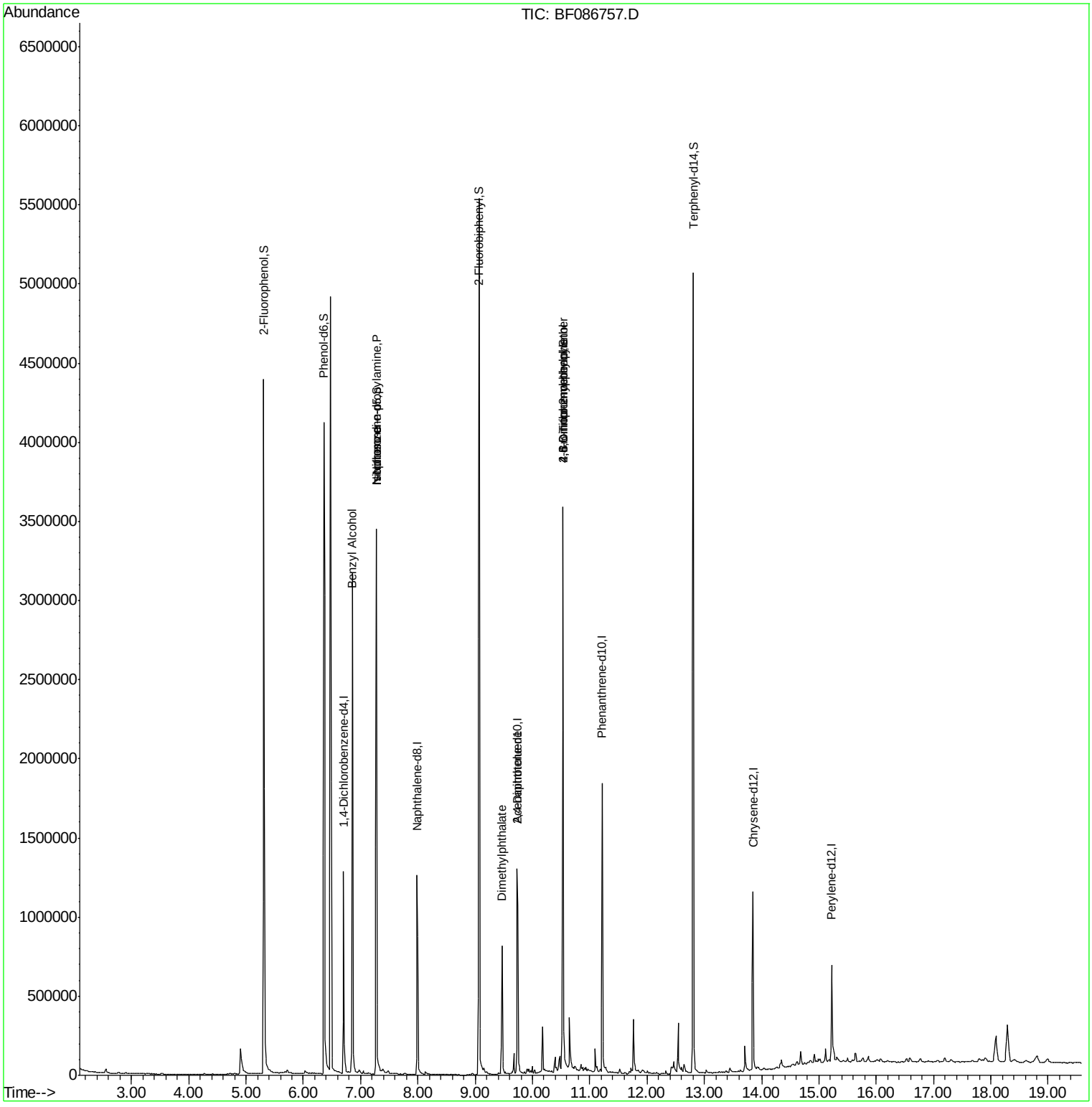
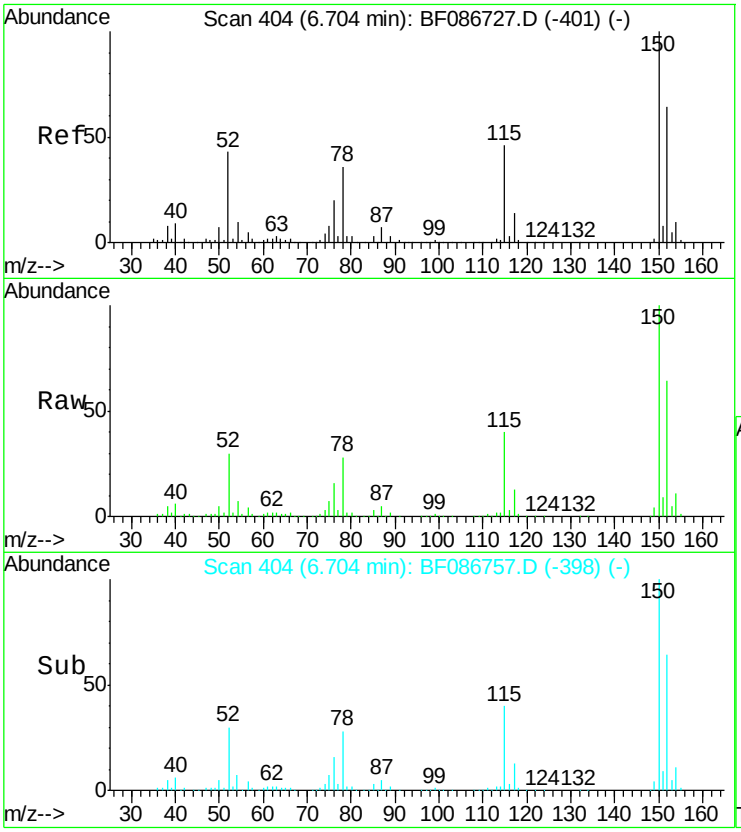


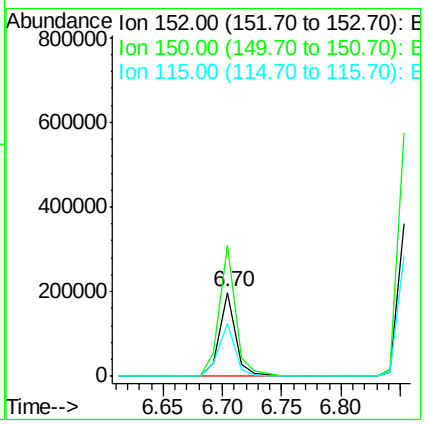


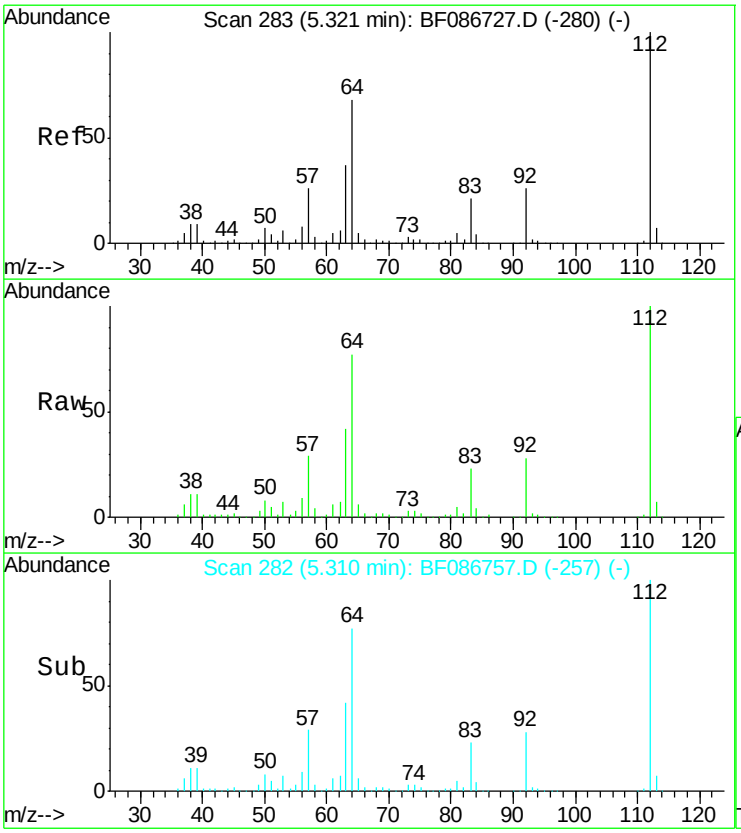
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion:152 Resp: 188464

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.8	188.6
115	62.7	51.5	77.3

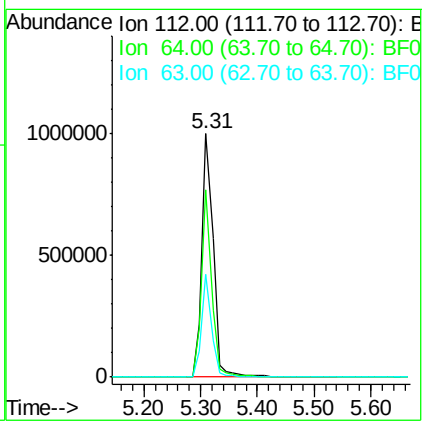


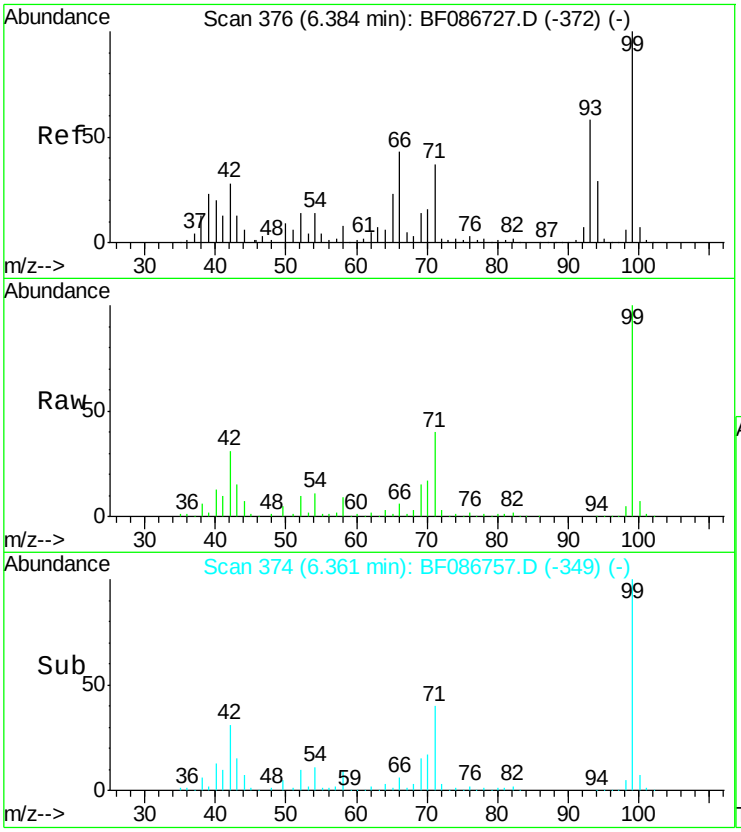


#5
2-Fluorophenol
Concen: 117.12 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Tgt Ion:112 Resp: 1333319

Ion	Ratio	Lower	Upper
112	100		
64	77.1	52.1	78.1
63	42.2	25.7	38.5#



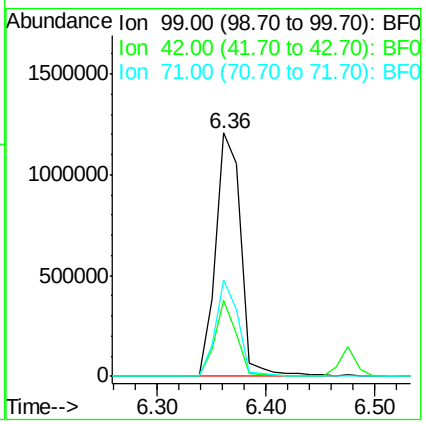


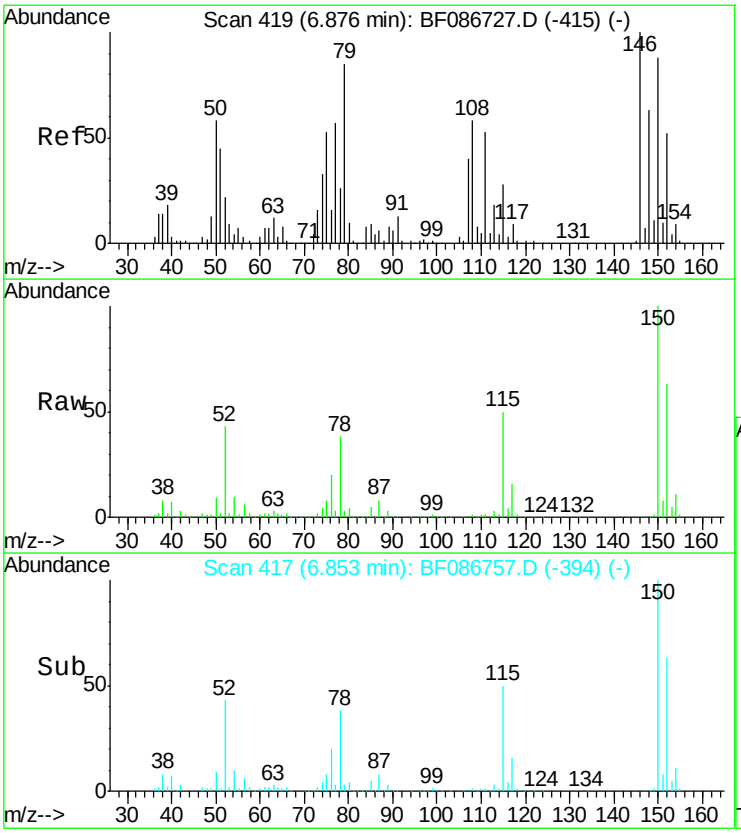
#7
Phenol-d6
Concen: 125.87 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion: 99 Resp: 1930161

Ion	Ratio	Lower	Upper
99	100		
42	31.0	13.6	20.4#
71	39.8	24.6	36.8#

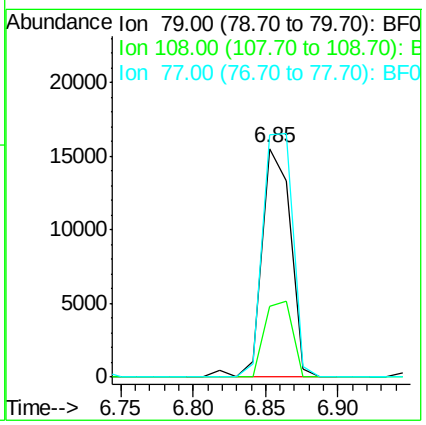


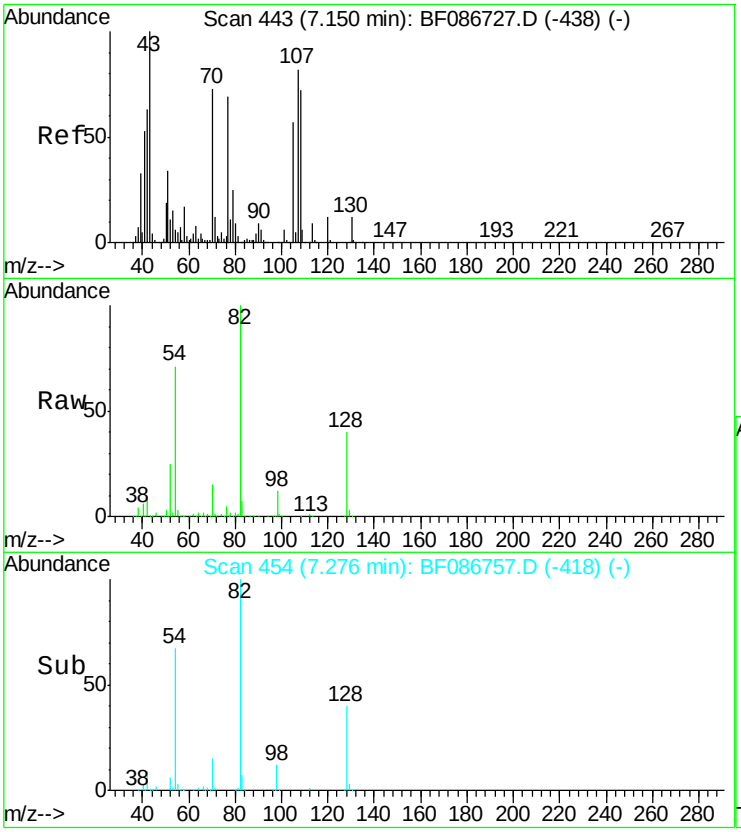


#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Tgt Ion: 79 Resp: 21197

Ion	Ratio	Lower	Upper
79	100		
108	31.2	68.4	102.6#
77	105.9	50.6	76.0#



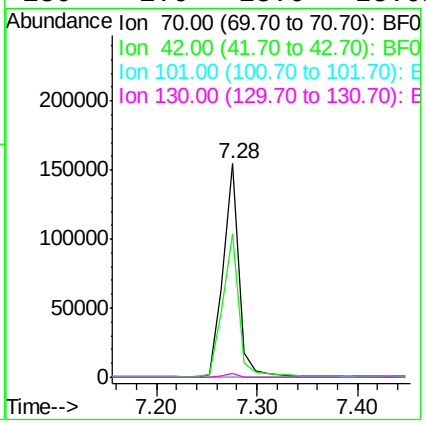


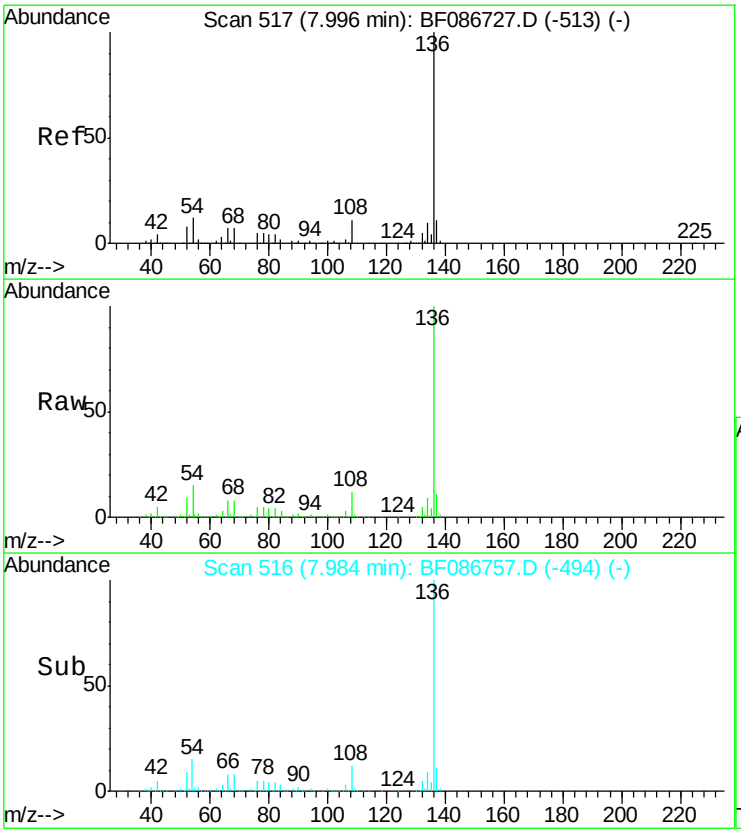
#19
n-Nitroso-di-n-propylamine
Concen: 16.53 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.11 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion: 70 Resp: 173149

Ion	Ratio	Lower	Upper
70	100		
42	67.3	43.1	64.7#
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#

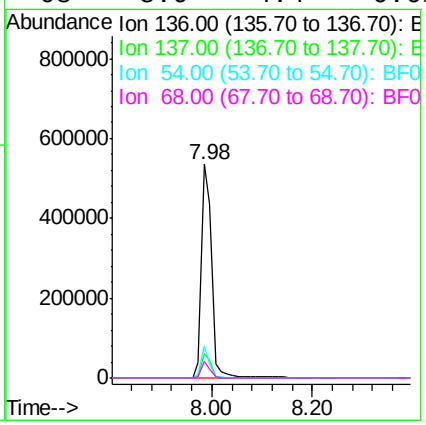


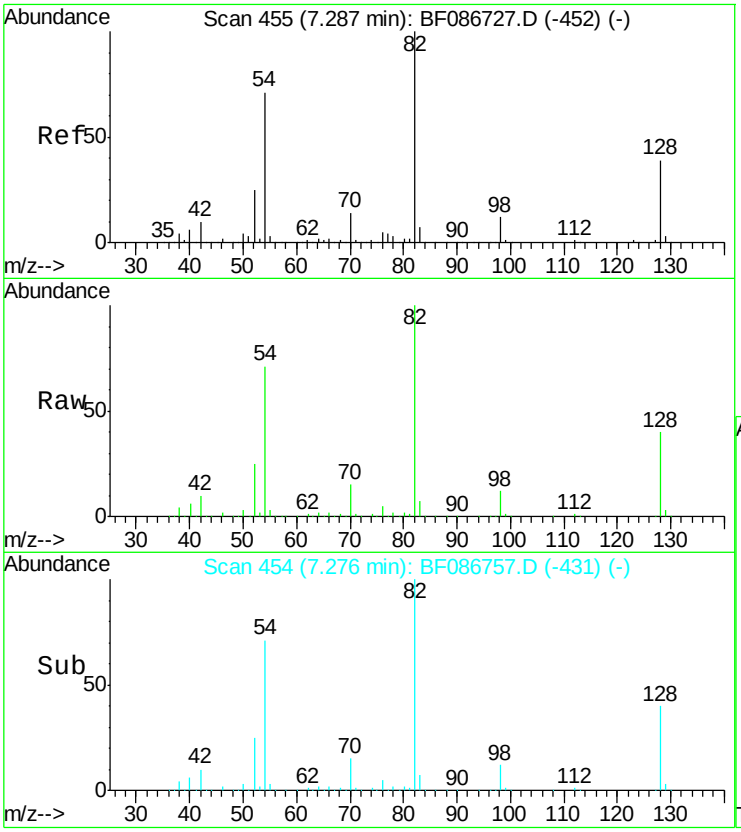


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Tgt Ion:136 Resp: 761501

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	14.7	5.0	7.4#
68	8.0	4.4	6.6#



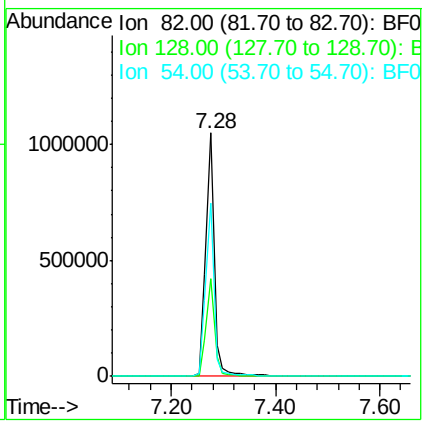


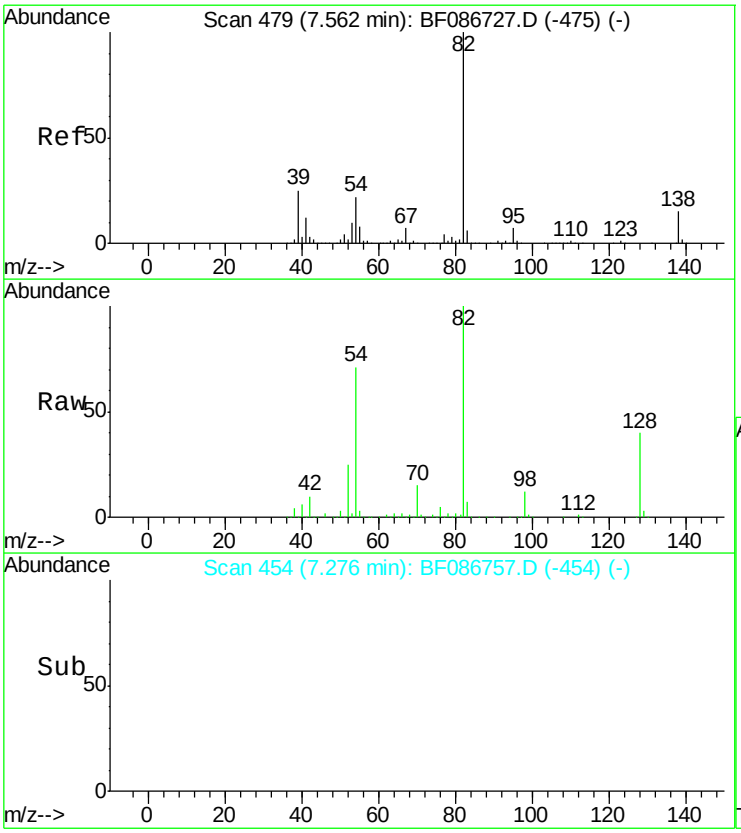
#23
Nitrobenzene-d5
Concen: 82.03 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion: 82 Resp: 1215629

Ion	Ratio	Lower	Upper
82	100		
128	40.3	40.6	61.0#
54	71.3	38.1	57.1#

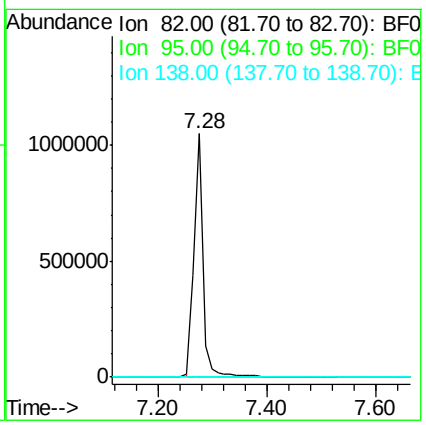


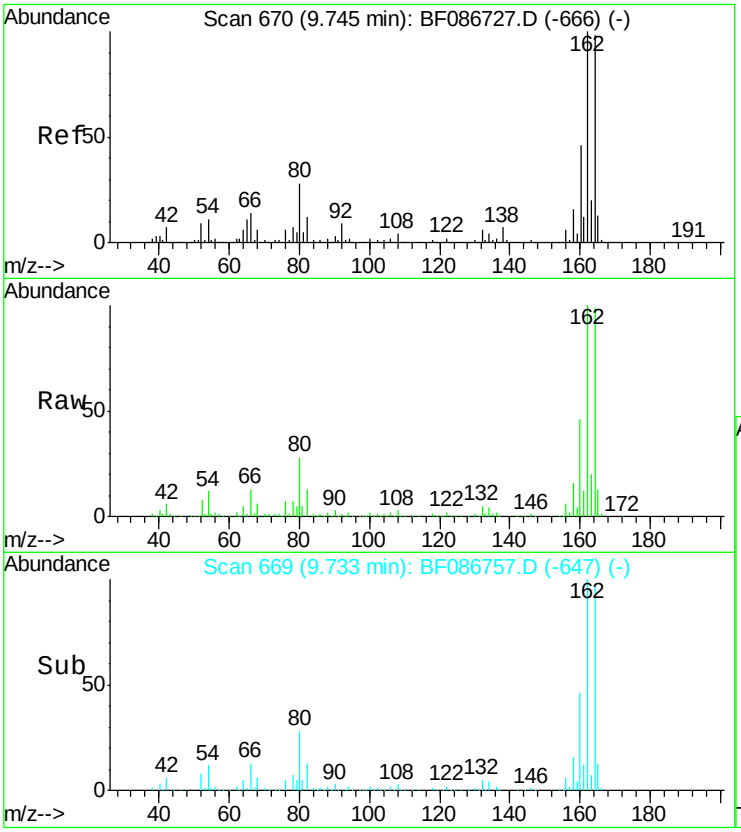


#25
Isophorone
Concen: 42.89 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.30 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Tgt Ion: 82 Resp: 1183568

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



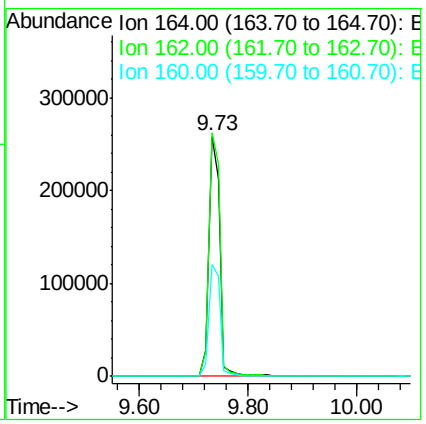


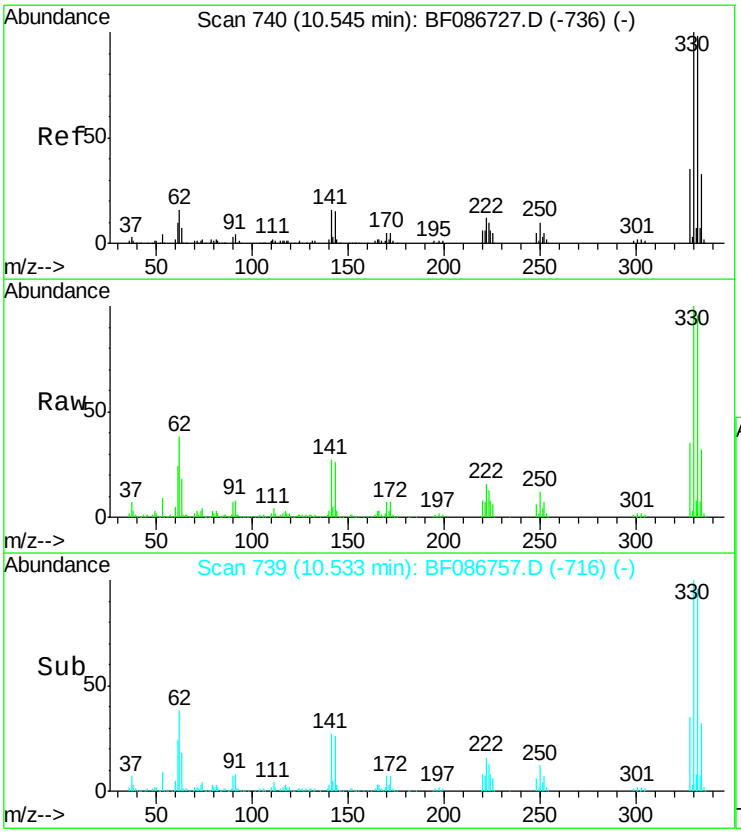
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion:164 Resp: 365607

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.8	124.2
160	46.7	36.9	55.3

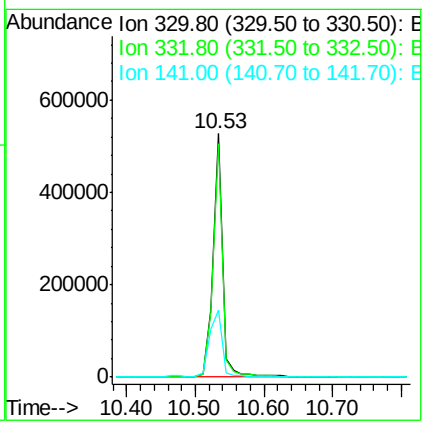


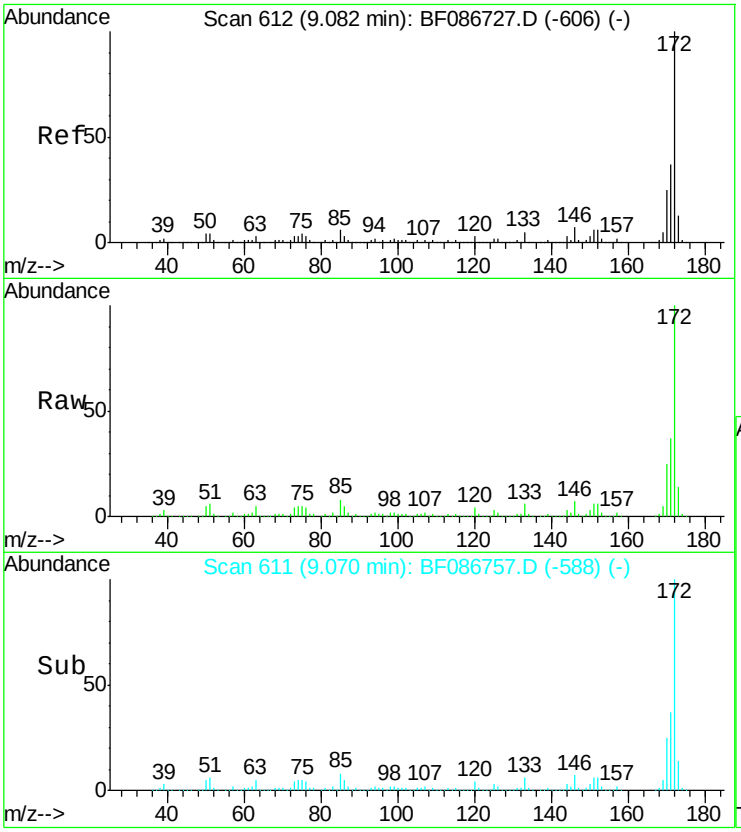


#41
2,4,6-Tribromophenol
Concen: 147.13 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Tgt Ion:330 Resp: 526207

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	36.3	31.2	46.8



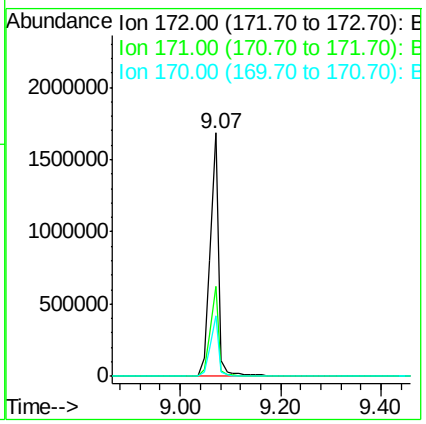


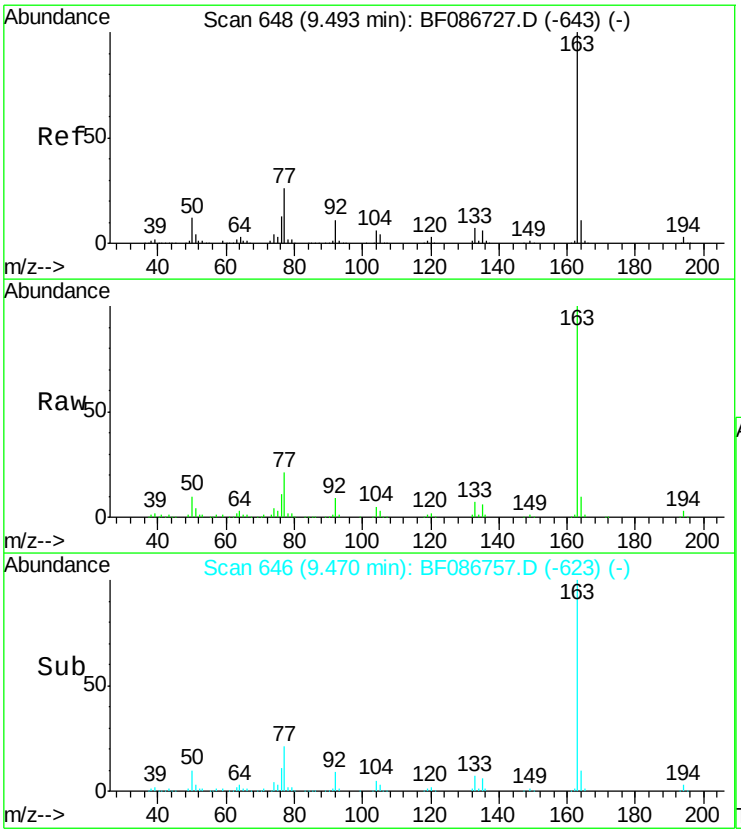
#44
2-Fluorobiphenyl
Concen: 88.65 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion:172 Resp: 1977192

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.6
170	25.0	19.8	29.8

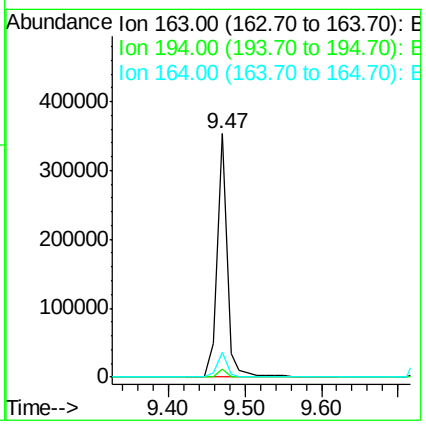


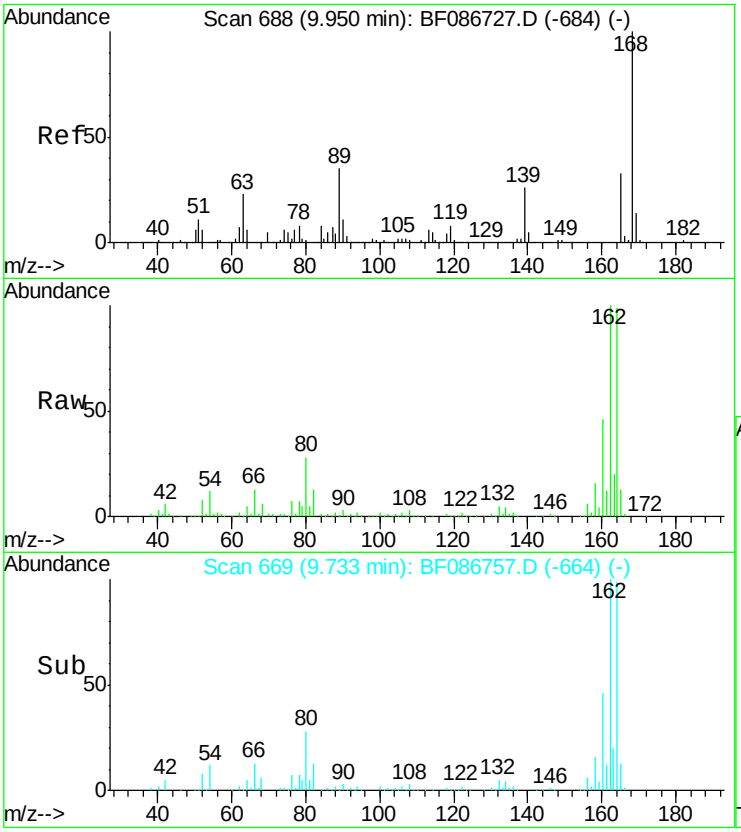


#49
Dimethylphthalate
Concen: 11.87 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Tgt Ion:163 Resp: 323600

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.2	12.4



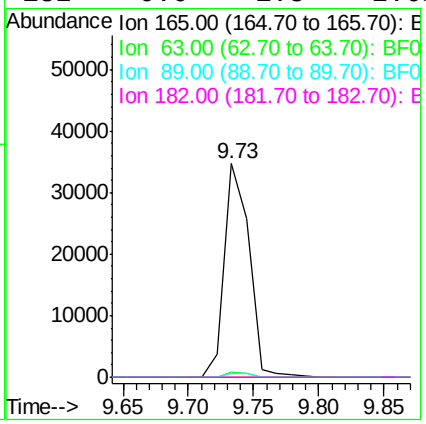


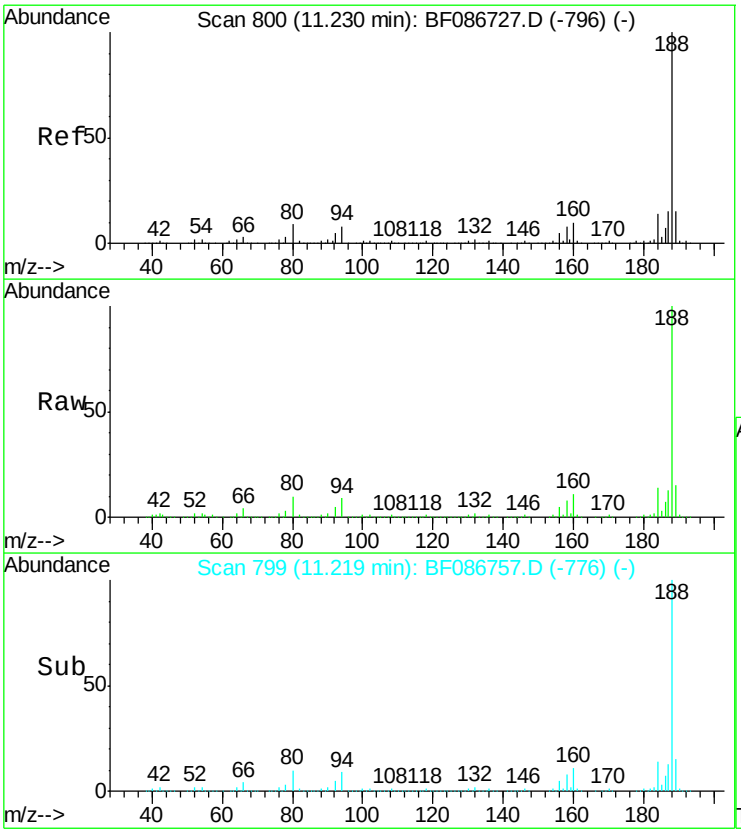
#56
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.24 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion:165 Resp: 45849

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#

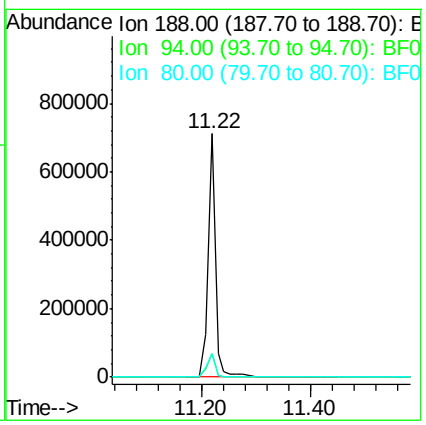


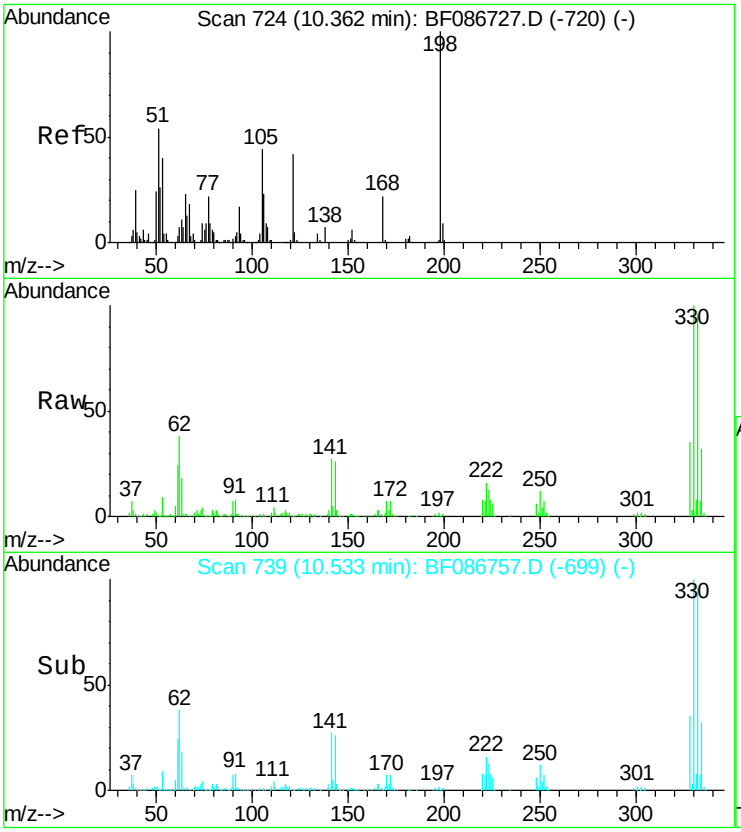


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Tgt Ion:188 Resp: 665882

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.8	10.2
80	9.9	7.1	10.7



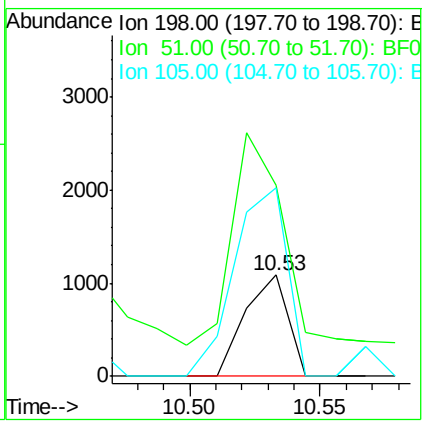


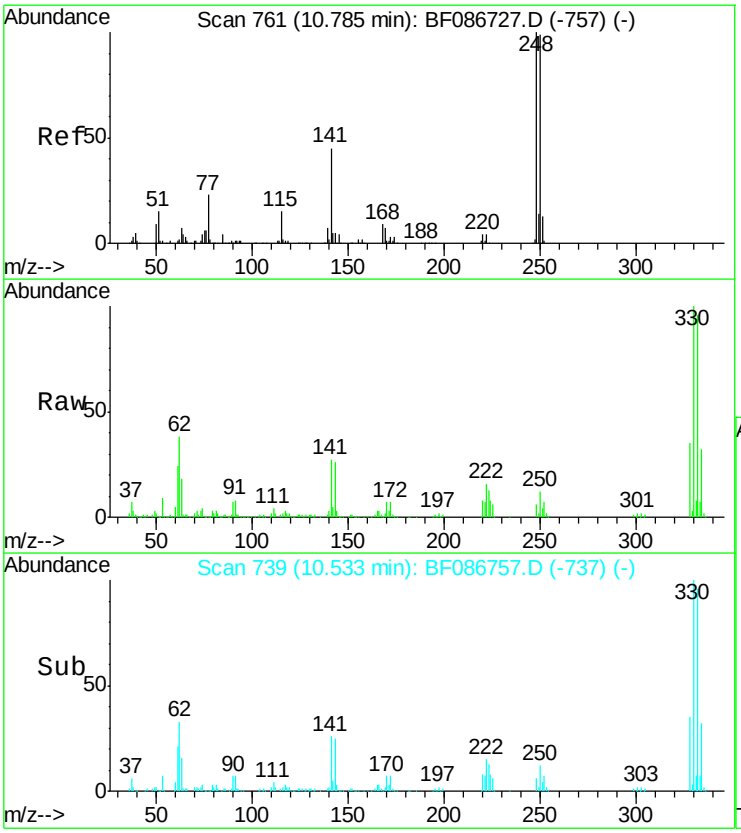
#64
4,6-Dinitro-2-methylphenol
Concen: 5.63 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.16 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion:198 Resp: 1251

Ion	Ratio	Lower	Upper
198	100		
51	189.1	20.5	60.5#
105	186.4	24.5	64.5#

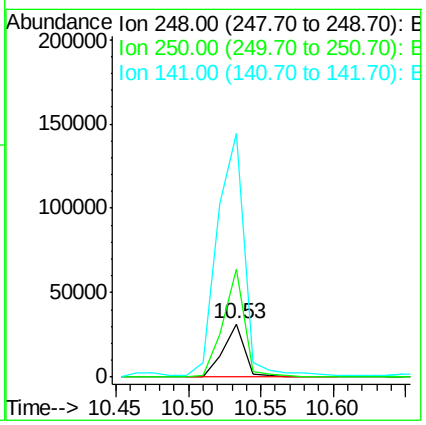


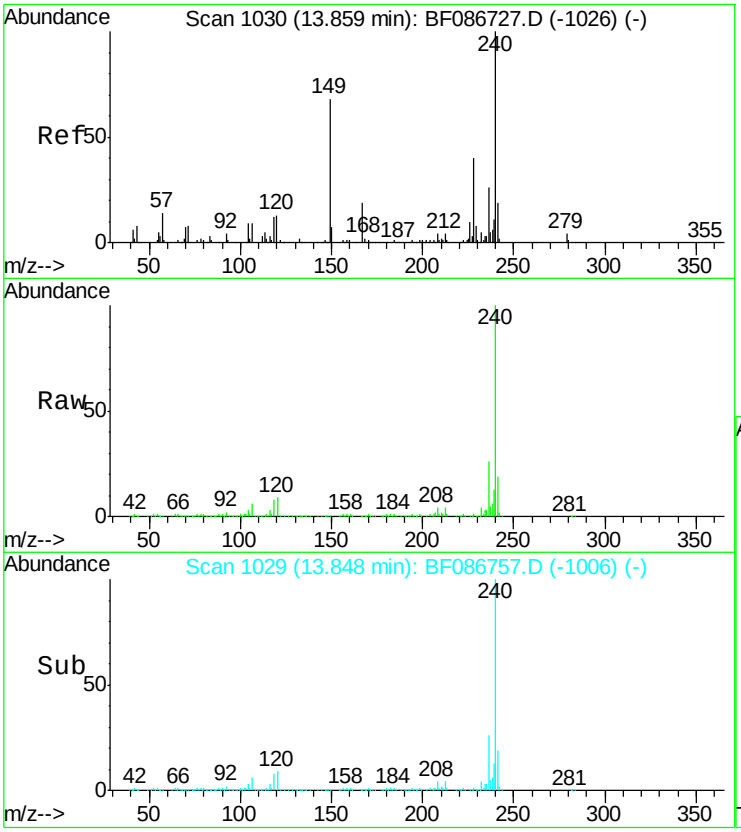


#66
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.27 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Tgt Ion:248 Resp: 33225

Ion	Ratio	Lower	Upper
248	100		
250	202.6	78.6	117.8#
141	458.4	76.0	114.0#



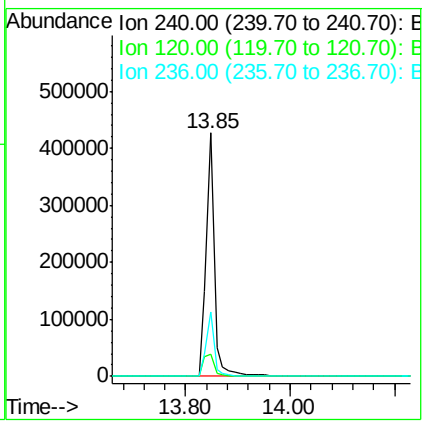


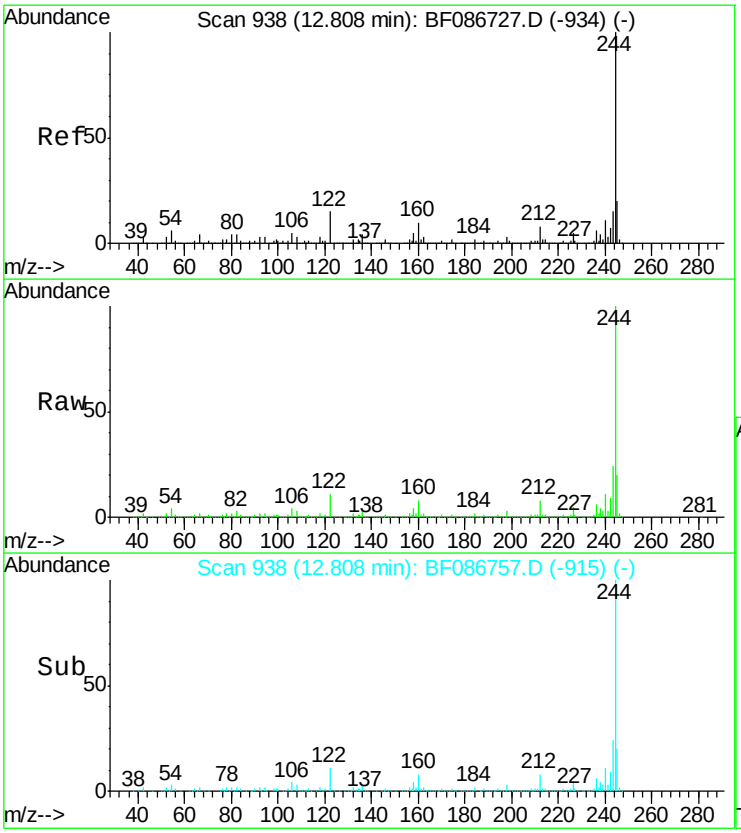
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion:240 Resp: 469293

Ion	Ratio	Lower	Upper
240	100		
120	9.3	11.2	16.8#
236	26.4	21.2	31.8

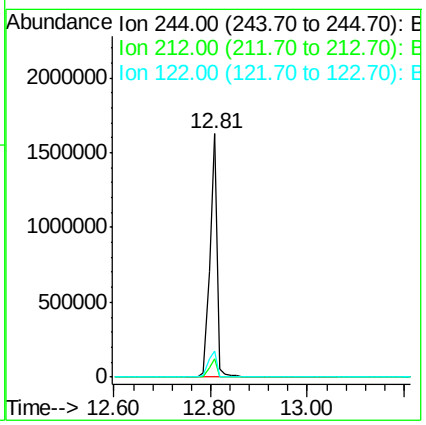


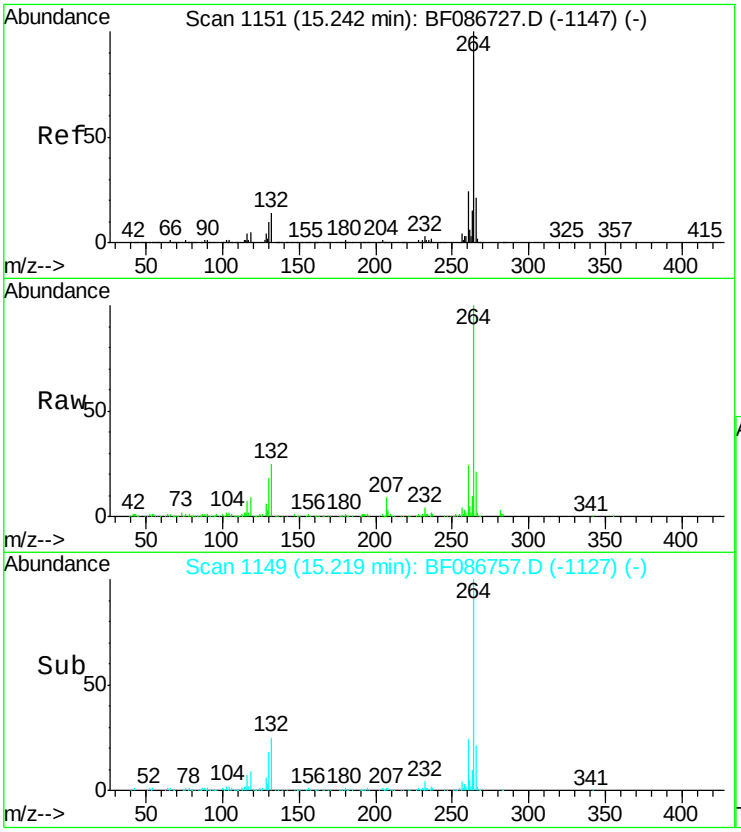


#78
Terphenyl-d14
Concen: 73.49 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Tgt Ion:244 Resp: 1706511

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	10.8	12.0	18.0#





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion:264 Resp: 344580

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.3	25.9