Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080123.D
Acq On : 23 Jun 2015 7:15
Operator : TP/IZ
Sample : G2716-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMENTERY-SP1(0-2)

Quant Time: Jun 23 08:21:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	46805	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	180312	20.00	ng	0.00
38) Acenaphthene-d10	10.39	164	96524	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	206999	20.00	ng	-0.02
75) Chrysene-d12	14.85	240	222595	20.00	ng	-0.15
86) Perylene-d12	16.72	264	220330	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	373588	141.29	ng	0.00
7) Phenol-d6	6.93	99	508938	144.64	ng	0.00
23) Nitrobenzene-d5	7.88	82	284707	91.92	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	123752	131.11	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	480047	70.92	ng	0.00
78) Terphenyl-d14	13.58	244	591367	62.05	ng	-0.09
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.88	70	37260	15.25	ng	# 60
25) Isophorone	7.88	82	270206	43.35	ng	# 58
49) Dimethylphthalate	10.08	163	24938	3.44	ng	# 96
50) 2,6-Dinitrotoluene	10.39	165	12055	8.29	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	12056	6.53	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.18	198	258	3.78	ng	# 1
66) 4-Bromophenyl-phenylether	11.18	248	9315	4.23	ng	# 1
79) Butylbenzylphthalate	14.12	149	17576	3.19	ng	91

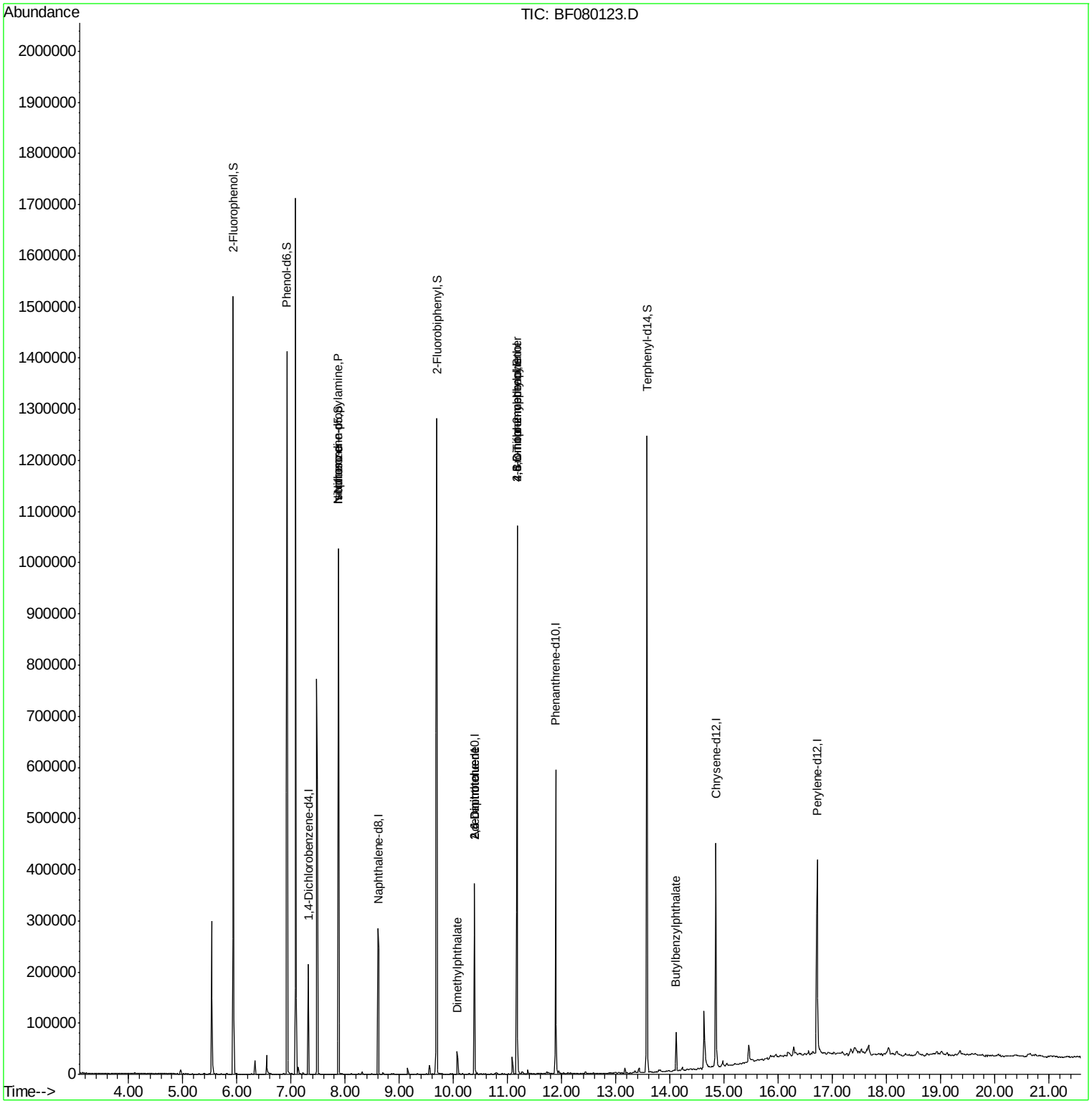
(#) = qualifier out of range (m) = manual integration (+) = signals summed

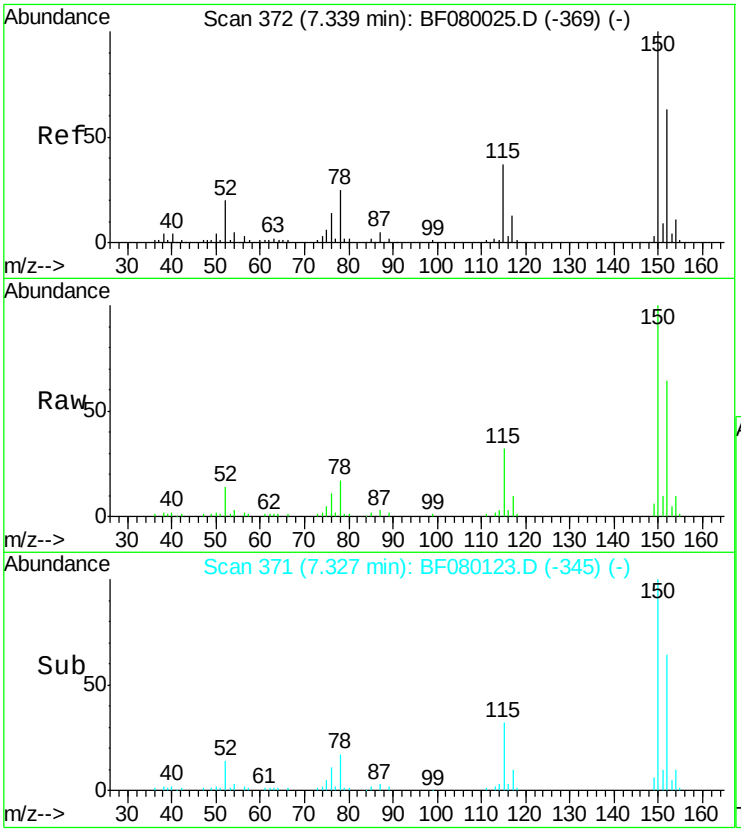
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080123.D
Acq On : 23 Jun 2015 7:15
Operator : TP/IZ
Sample : G2716-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Quant Time: Jun 23 08:21:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration



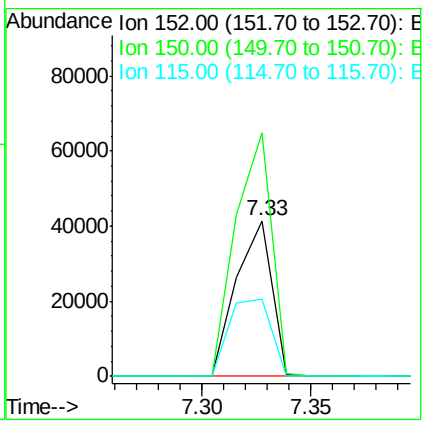


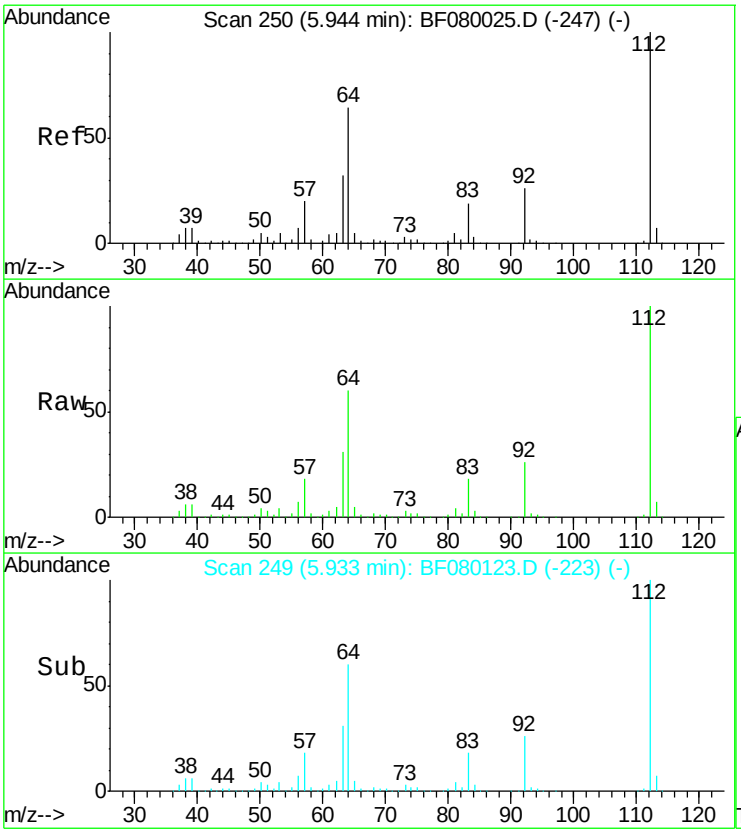
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.00 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Tgt Ion:152 Resp: 46805

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.7	187.1
115	49.5	39.0	58.4

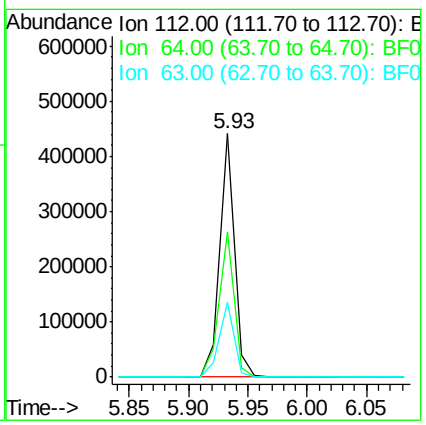


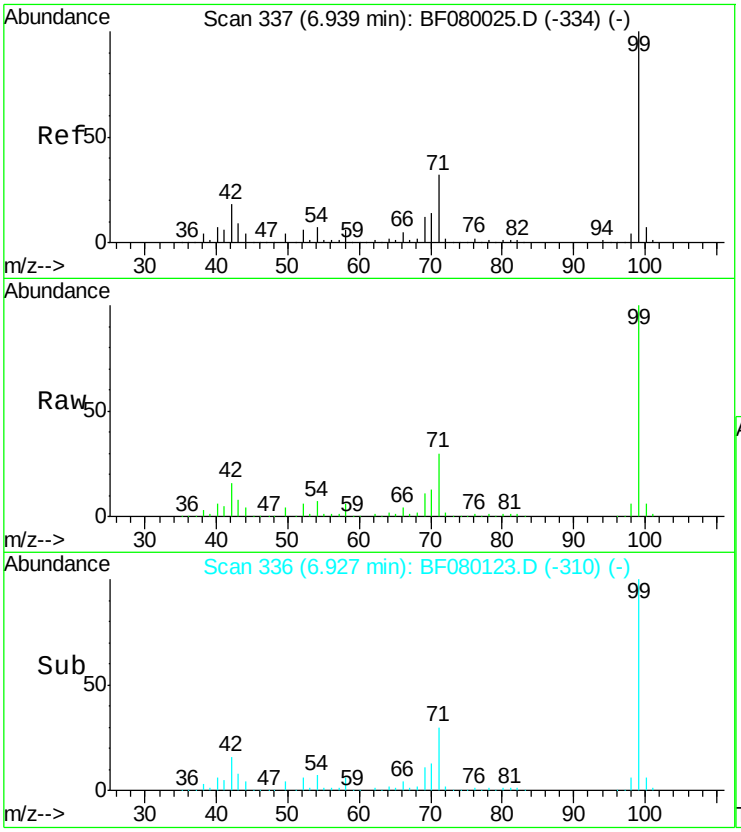


#5
2-Fluorophenol
Concen: 141.29 ng
RT: 5.93 min Scan# 249
Delta R.T. -0.00 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Tgt Ion:112 Resp: 373588

Ion	Ratio	Lower	Upper
112	100		
64	59.8	39.7	59.5#
63	30.6	17.4	26.0#



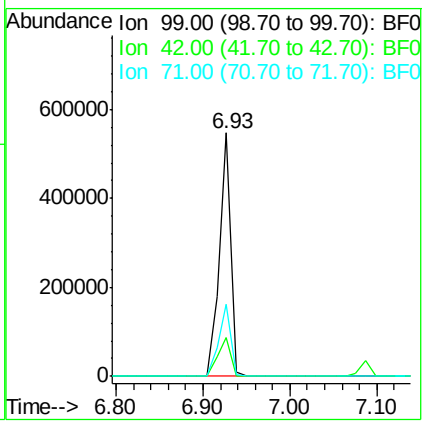


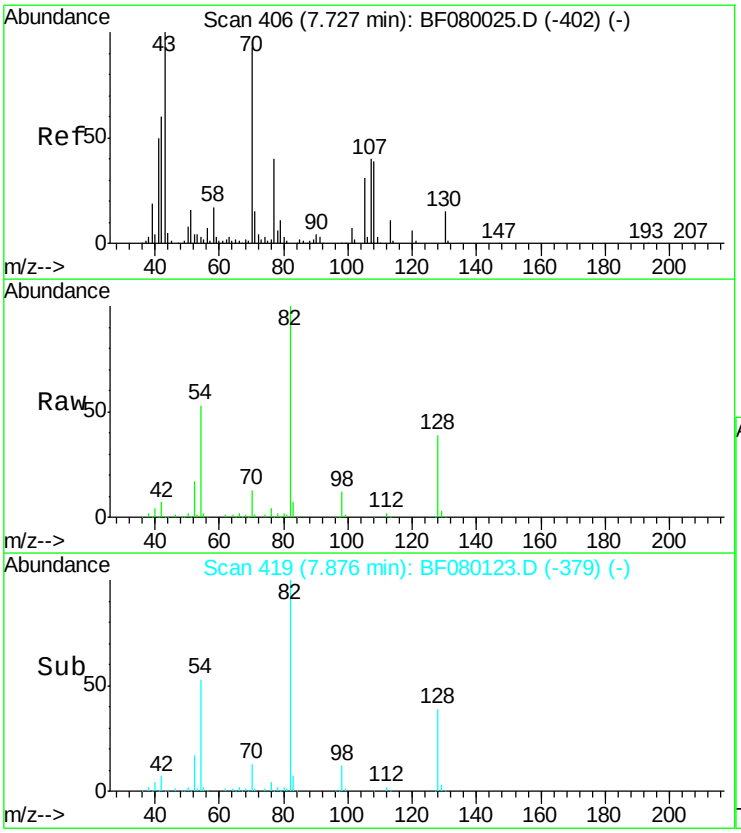
#7
Phenol-d6
Concen: 144.64 ng
RT: 6.93 min Scan# 336
Delta R.T. -0.00 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Tgt Ion: 99 Resp: 508938

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.7	20.5
71	29.5	14.2	21.2#

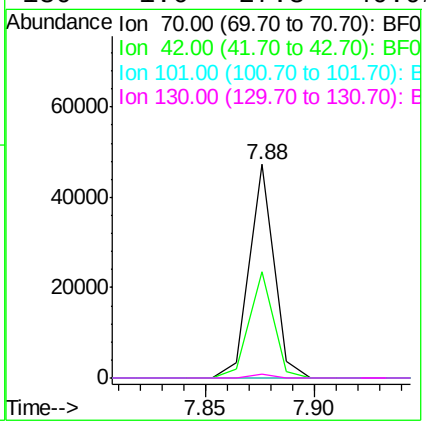


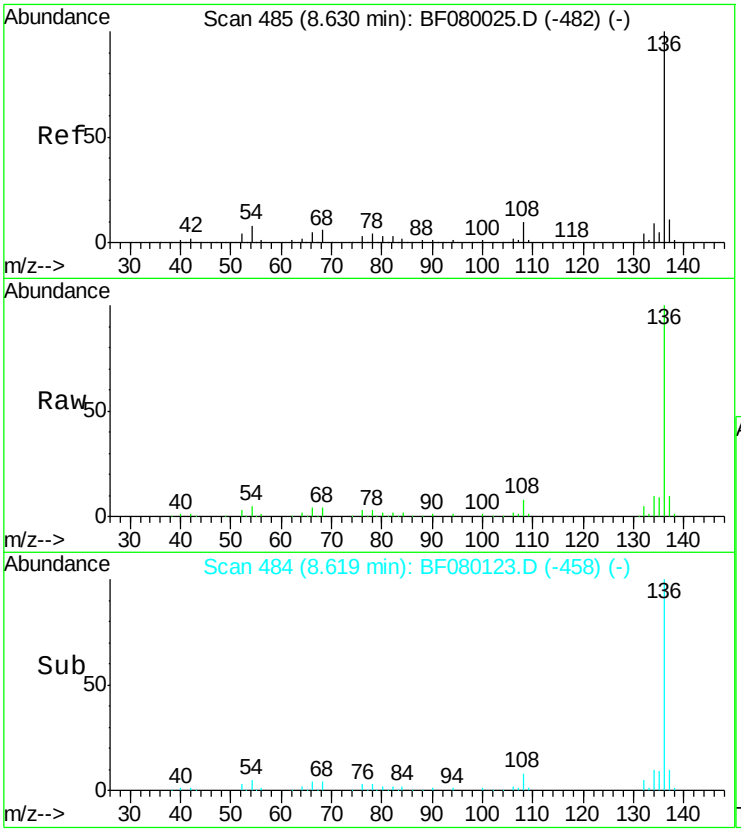


#19
n-Nitroso-di-n-propylamine
Concen: 15.25 ng
RT: 7.88 min Scan# 419
Delta R.T. 0.16 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Tgt Ion: 70 Resp: 37260

Ion	Ratio	Lower	Upper
70	100		
42	49.7	63.8	95.6#
101	0.0	9.2	13.8#
130	1.6	27.3	40.9#



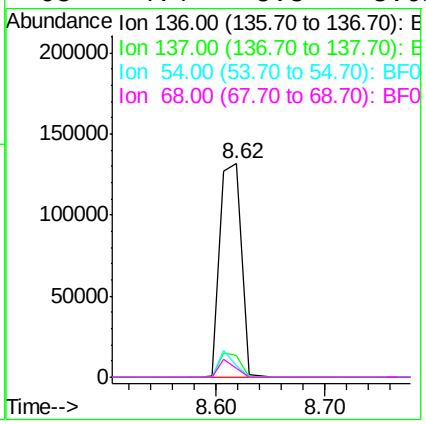


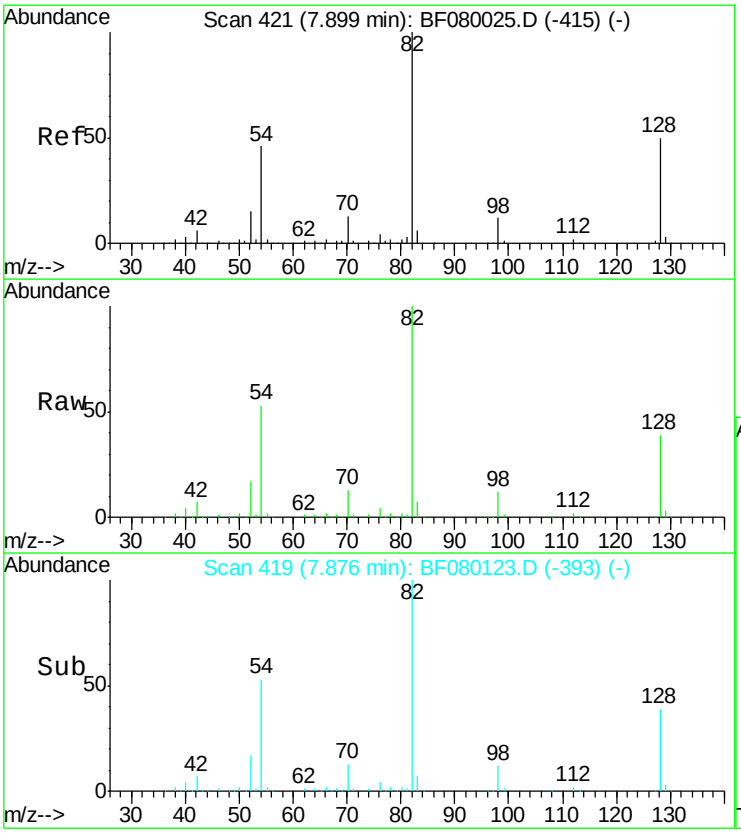
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Tgt Ion:136 Resp: 180312

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.6
54	5.4	8.2	12.2#
68	4.4	5.8	8.6#

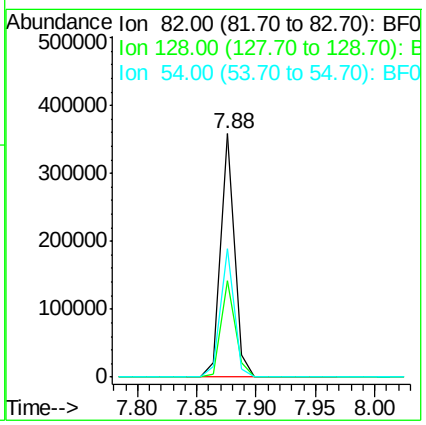


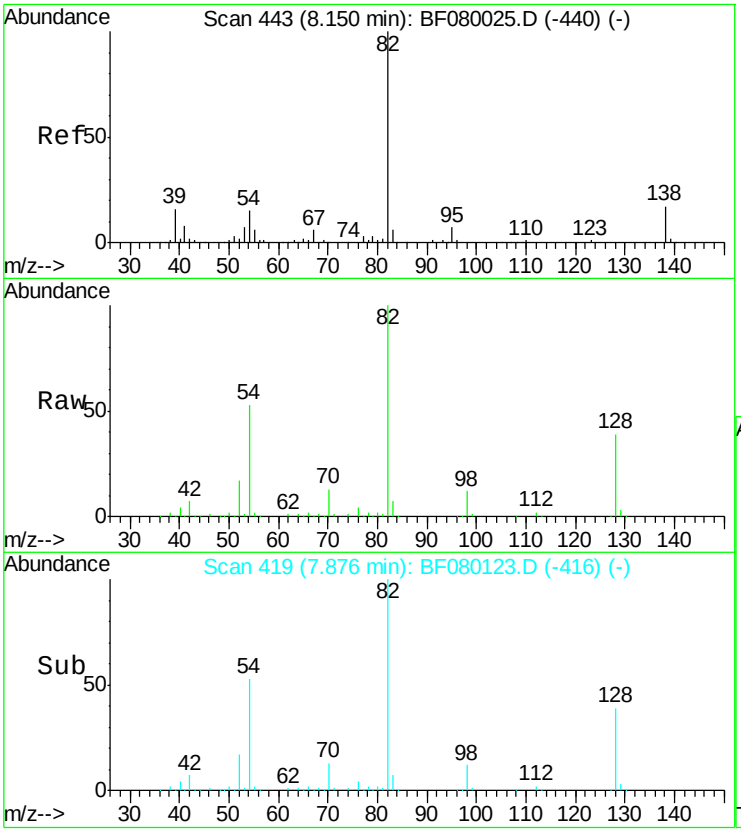


#23
Nitrobenzene-d5
Concen: 91.92 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Tgt Ion: 82 Resp: 284707

Ion	Ratio	Lower	Upper
82	100		
128	39.4	51.0	76.6#
54	52.9	47.5	71.3



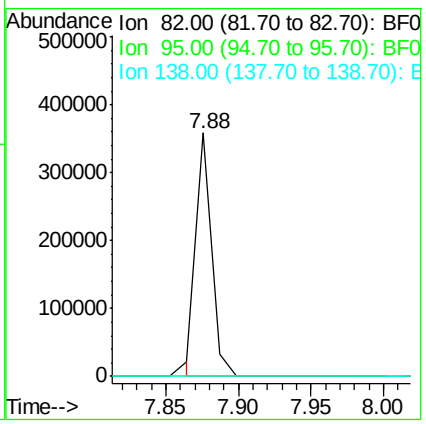


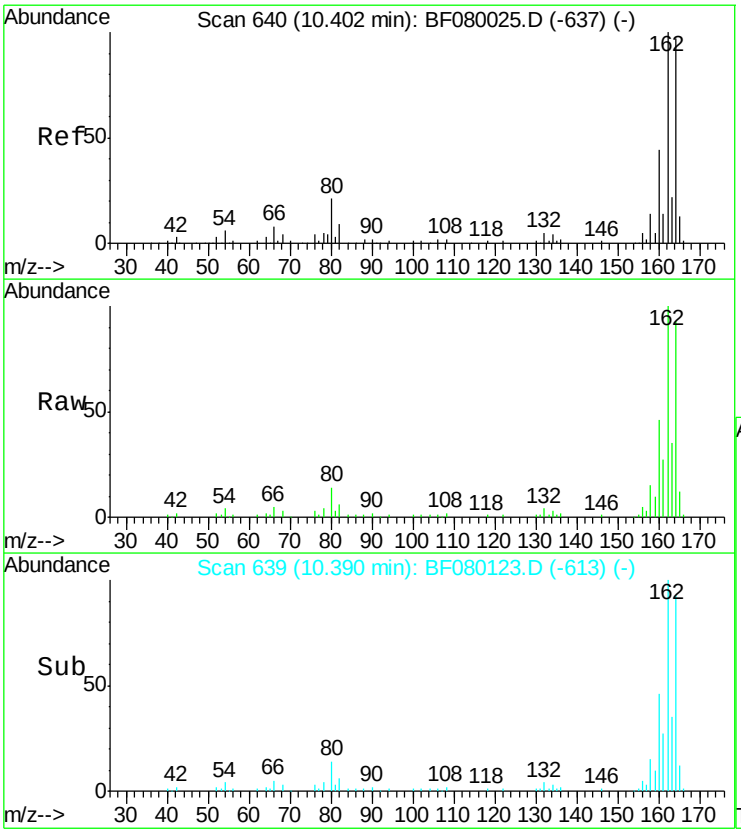
#25
Isophorone
Concen: 43.35 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.26 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Tgt Ion: 82 Resp: 270206

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

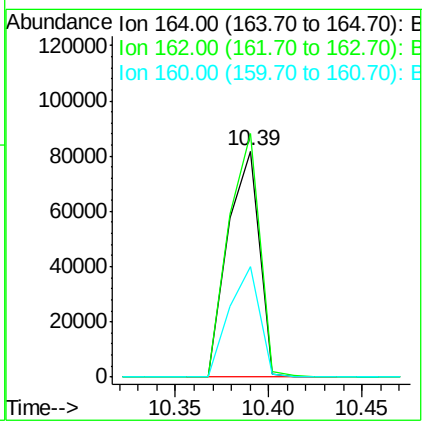


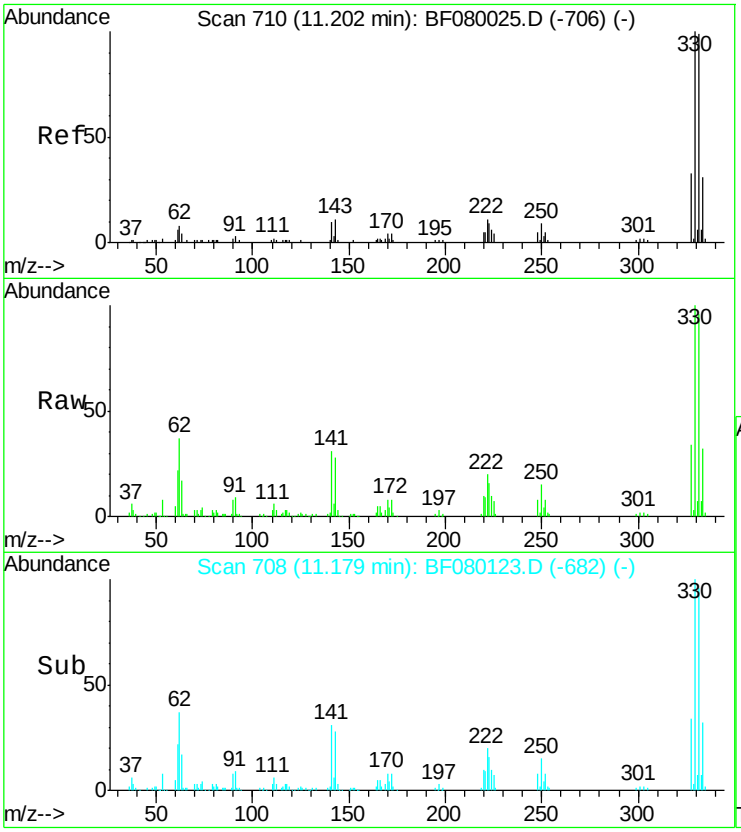


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Tgt Ion:164 Resp: 96524

Ion	Ratio	Lower	Upper
164	100		
162	107.9	75.2	112.8
160	49.1	31.5	47.3#



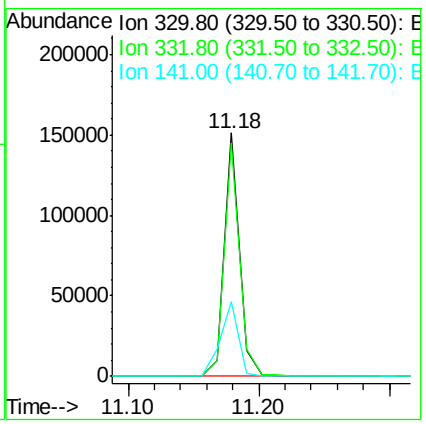


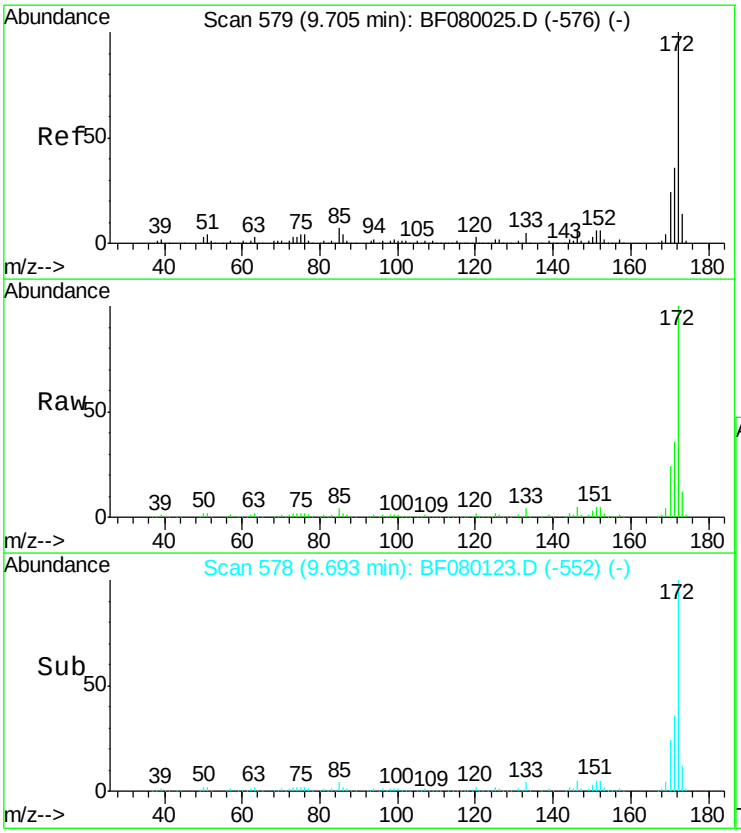
#41
2,4,6-Tribromophenol
Concen: 131.11 ng
RT: 11.18 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Tgt Ion:330 Resp: 123752

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	36.0	29.7	44.5

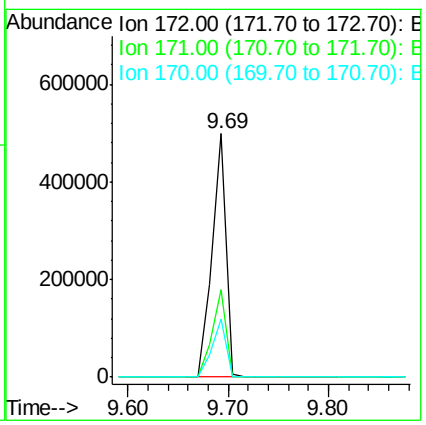


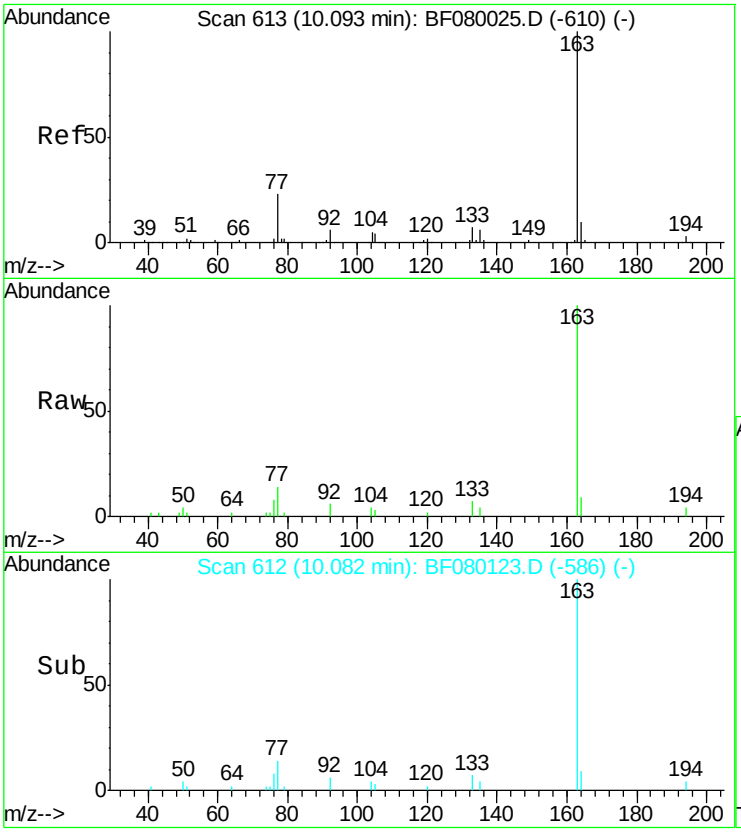


#44
2-Fluorobiphenyl
Concen: 70.92 ng
RT: 9.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Tgt Ion:172 Resp: 480047

Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	23.7	17.4	26.2



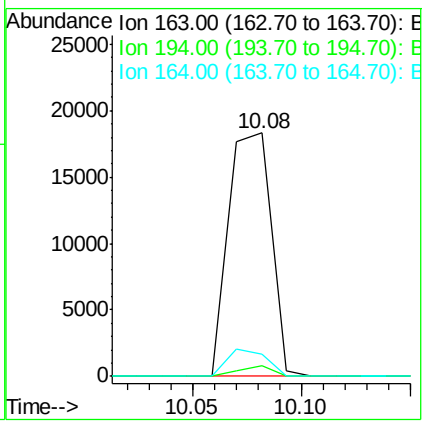


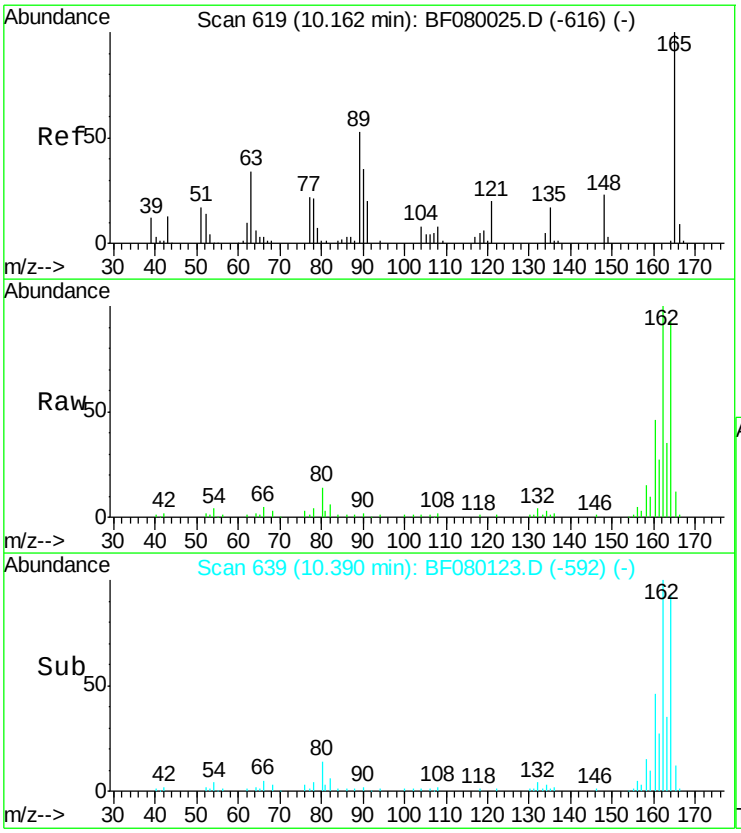
#49
Dimethylphthalate
Concen: 3.44 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Tgt Ion:163 Resp: 24938

Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.4	6.6#
164	8.9	8.3	12.5

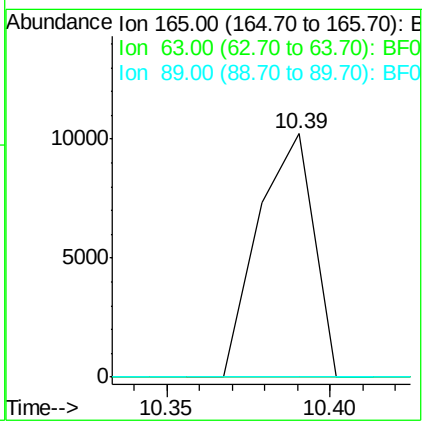


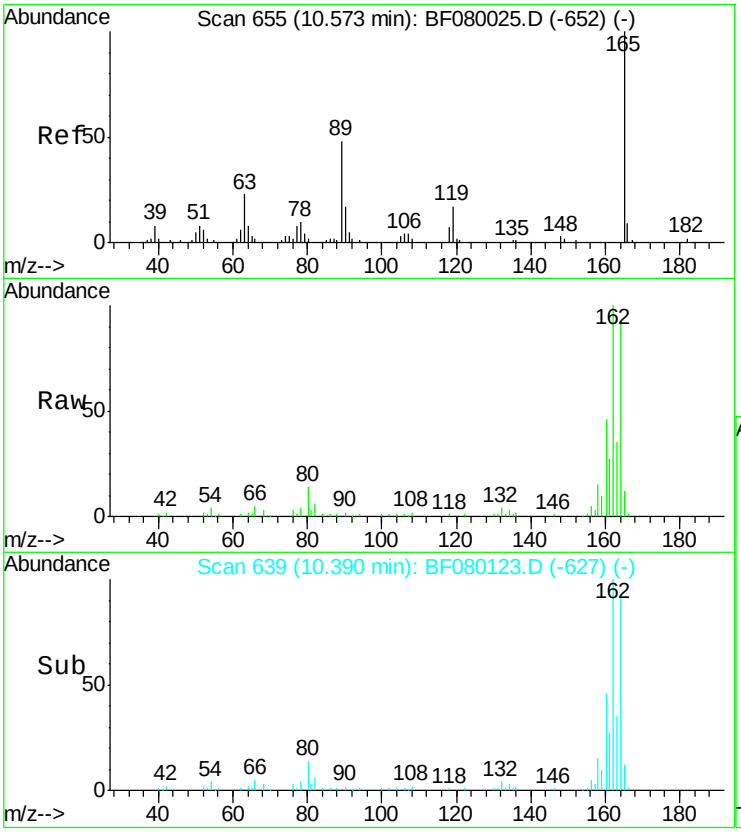


#50
2,6-Dinitrotoluene
Concen: 8.29 ng
RT: 10.39 min Scan# 639
Delta R.T. 0.24 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Tgt Ion:165 Resp: 12055

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



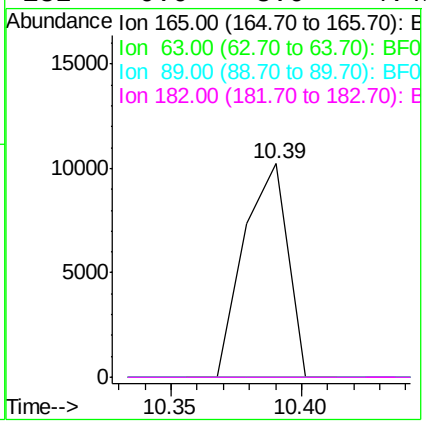


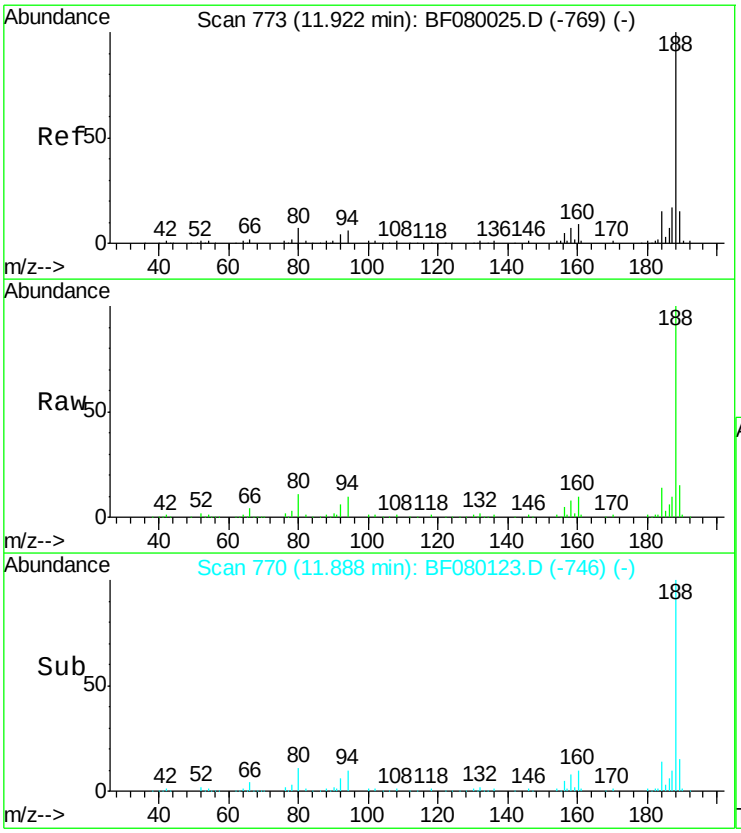
#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.16 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Tgt Ion:165 Resp: 12056

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

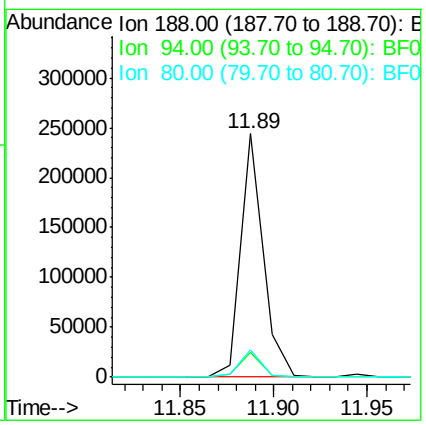


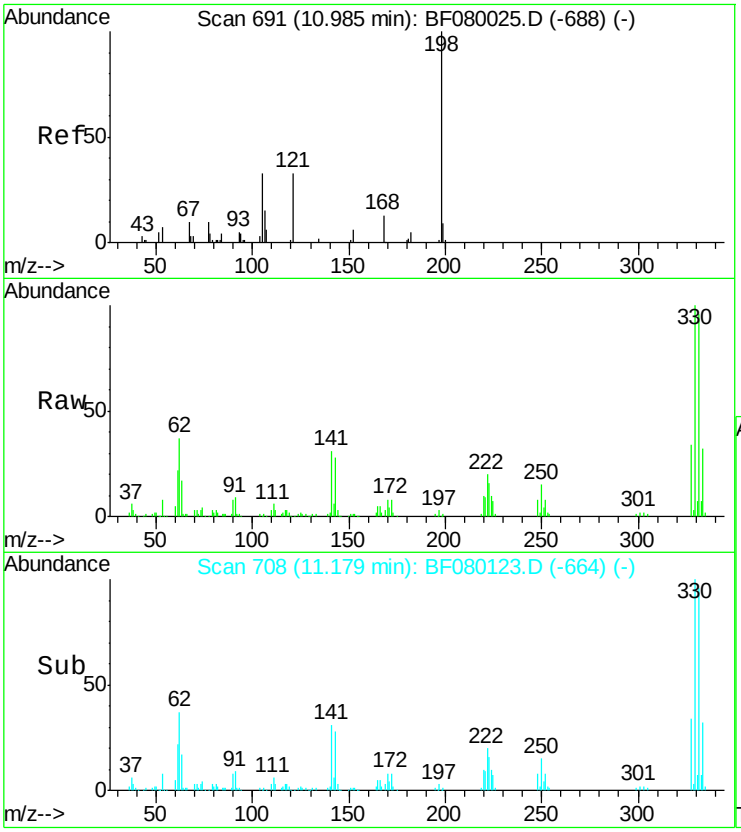


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.89 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Tgt Ion:188 Resp: 206999

Ion	Ratio	Lower	Upper
188	100		
94	10.1	11.1	16.7#
80	11.0	11.0	16.4



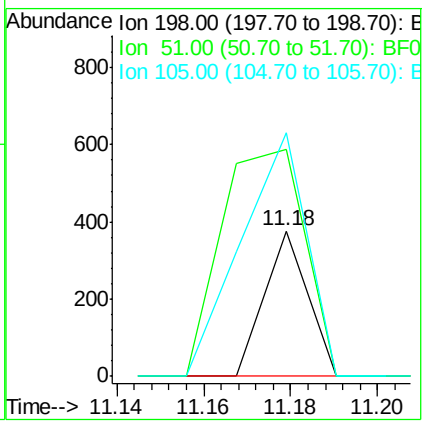


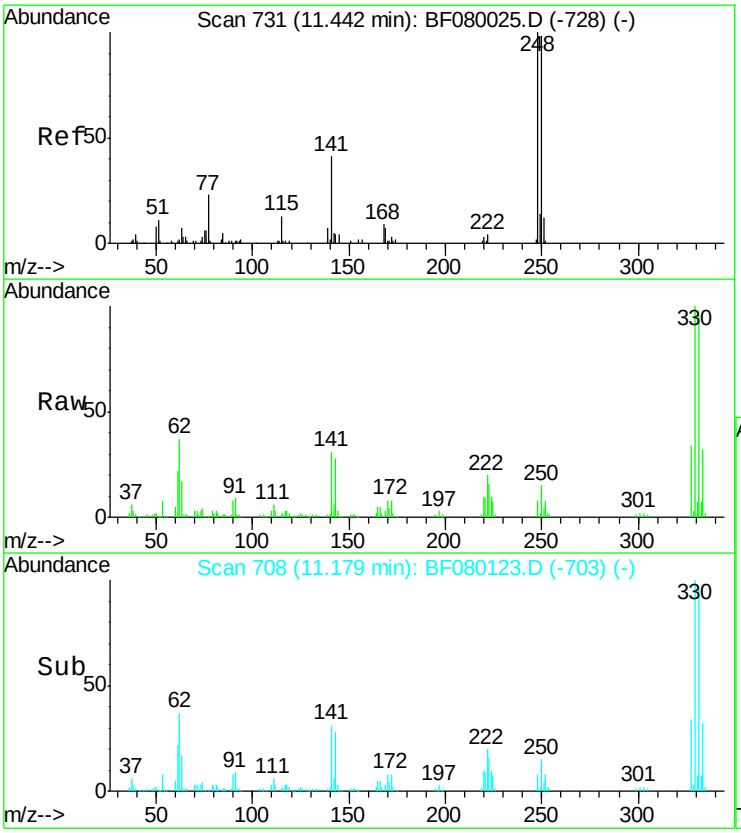
#64
4,6-Dinitro-2-methylphenol
Concen: 3.78 ng
RT: 11.18 min Scan# 708
Delta R.T. 0.21 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Tgt Ion:198 Resp: 258

Ion	Ratio	Lower	Upper
198	100		
51	156.1	39.6	79.6#
105	167.8	28.5	68.5#

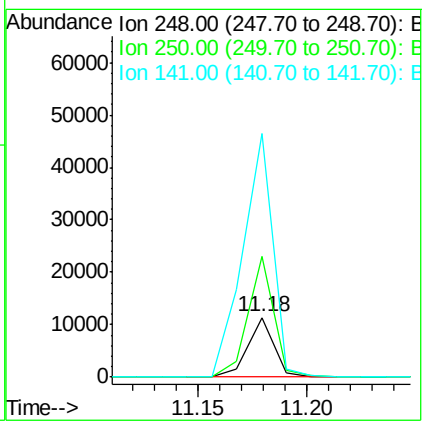


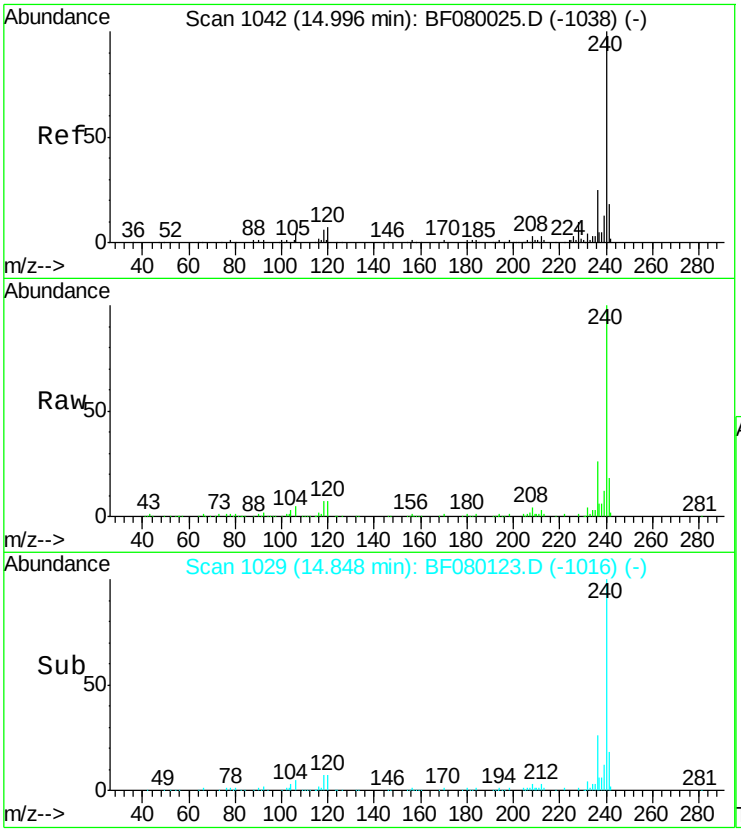


#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 11.18 min Scan# 708
Delta R.T. -0.24 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Tgt Ion:248 Resp: 9315

Ion	Ratio	Lower	Upper
248	100		
250	202.1	78.5	117.7#
141	408.5	59.0	88.6#



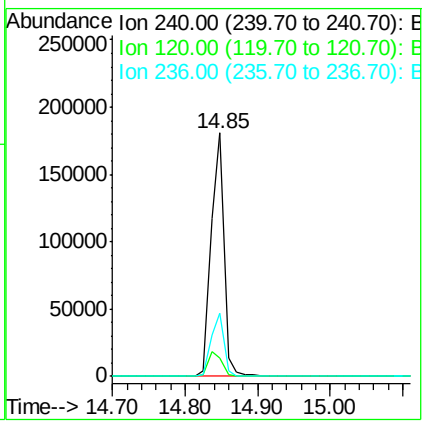


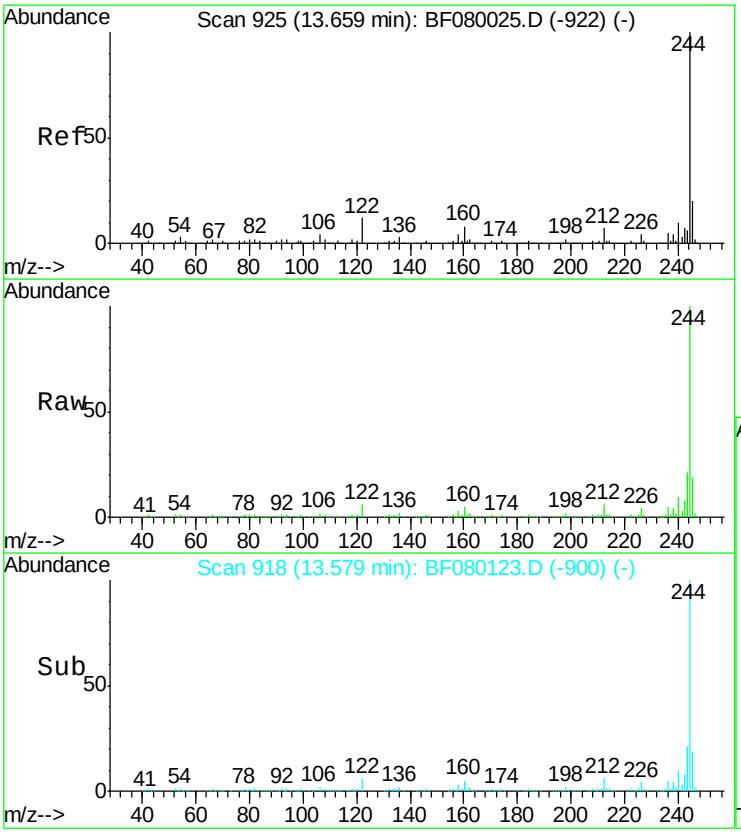
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.85 min Scan# 1029
Delta R.T. -0.15 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Tgt Ion:240 Resp: 222595

Ion	Ratio	Lower	Upper
240	100		
120	7.3	16.2	24.2#
236	26.1	18.4	27.6

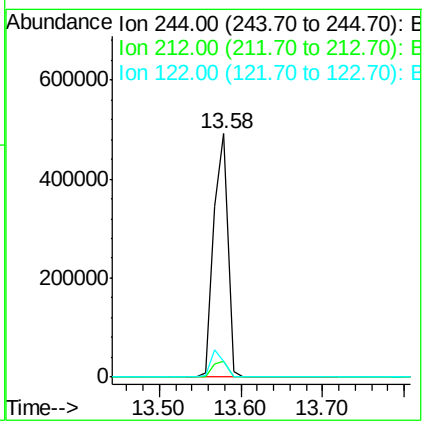


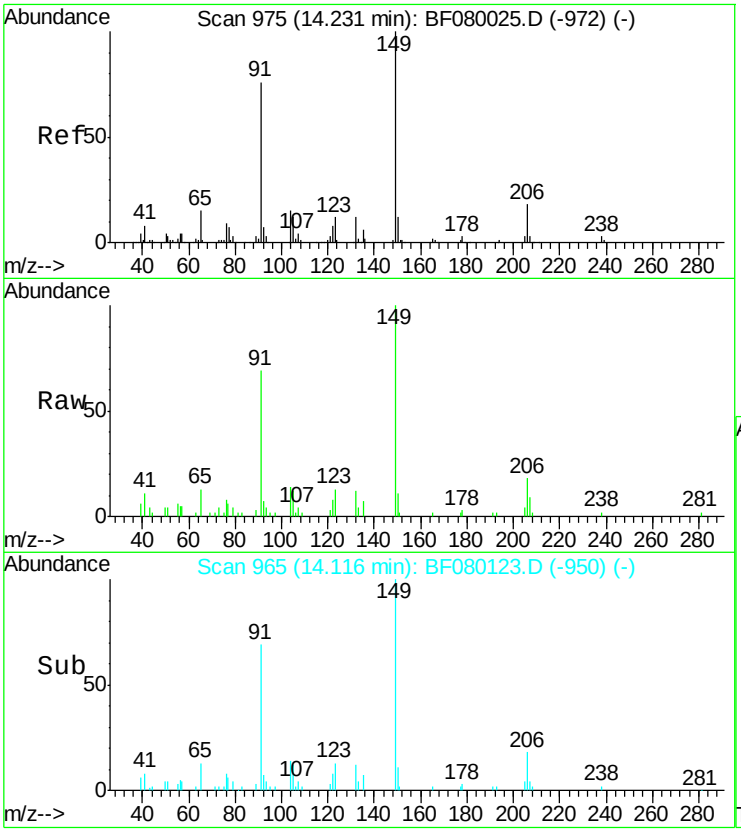


#78
Terphenyl-d14
Concen: 62.05 ng
RT: 13.58 min Scan# 918
Delta R.T. -0.09 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Tgt Ion:244 Resp: 591367

Ion	Ratio	Lower	Upper
244	100		
212	6.3	4.3	6.5
122	6.3	17.4	26.2#



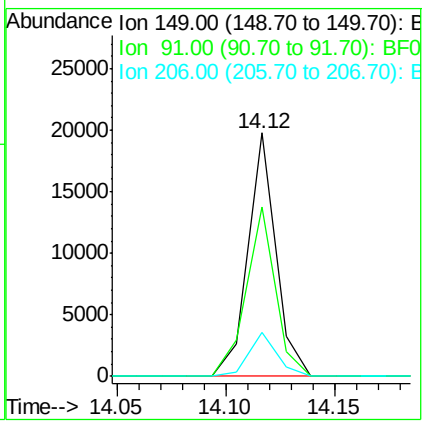


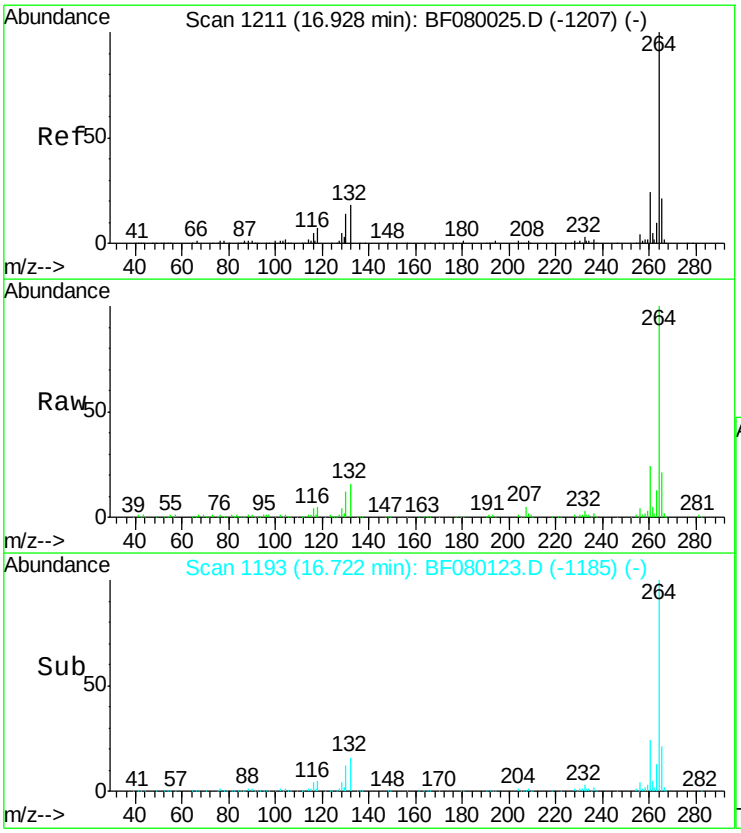
#79
Butylbenzylphthalate
Concen: 3.19 ng
RT: 14.12 min Scan# 965
Delta R.T. -0.13 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
CEMENTERY-SP1(0-2)

Tgt Ion:149 Resp: 17576

Ion	Ratio	Lower	Upper
149	100		
91	69.5	48.6	72.8
206	18.0	14.9	22.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.72 min Scan# 1193
Delta R.T. -0.21 min
Lab File: BF080123.D
Acq: 23 Jun 2015 7:15

Tgt Ion:264 Resp: 220330

Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.3	17.2	25.8