Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080048.D
Acq On : 18 Jun 2015 16:02
Operator : TP/IZ
Sample : G2681-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-150-61715

Quant Time: Jun 19 01:35:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 01:33:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	41493	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	167307	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	88713	20.00	ng	-0.01
63) Phenanthrene-d10	11.92	188	200117	20.00	ng	-0.06
75) Chrysene-d12	15.10	240	208211	20.00	ng	-0.31
86) Perylene-d12	17.10	264	201176	20.00	ng	-0.49
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	130195	55.54	ng	0.00
7) Phenol-d6	6.93	99	96289	30.87	ng	-0.01
23) Nitrobenzene-d5	7.89	82	292690	101.84	ng	0.00
41) 2,4,6-Tribromophenol	11.19	330	121467	140.02	ng	-0.02
44) 2-Fluorobiphenyl	9.70	172	610062	98.07	ng	0.00
78) Terphenyl-d14	13.72	244	769193	86.28	ng	-0.19
Target Compounds						Qvalue
9) Benzaldehyde	7.10	77	6711	3.73	ng	# 58
19) n-Nitroso-di-n-propylamine	7.89	70	38617	17.83	ng	# 60
25) Isophorone	7.89	82	292736	50.61	ng	# 58
49) Dimethylphthalate	10.08	163	27631	4.14	ng	# 96
50) 2,6-Dinitrotoluene	10.39	165	11484	8.59	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	11486	6.77	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.19	198	271	3.81	ng	# 1
66) 4-Bromophenyl-phenylether	11.19	248	9239	4.34	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 18 Jun 2015 16:02
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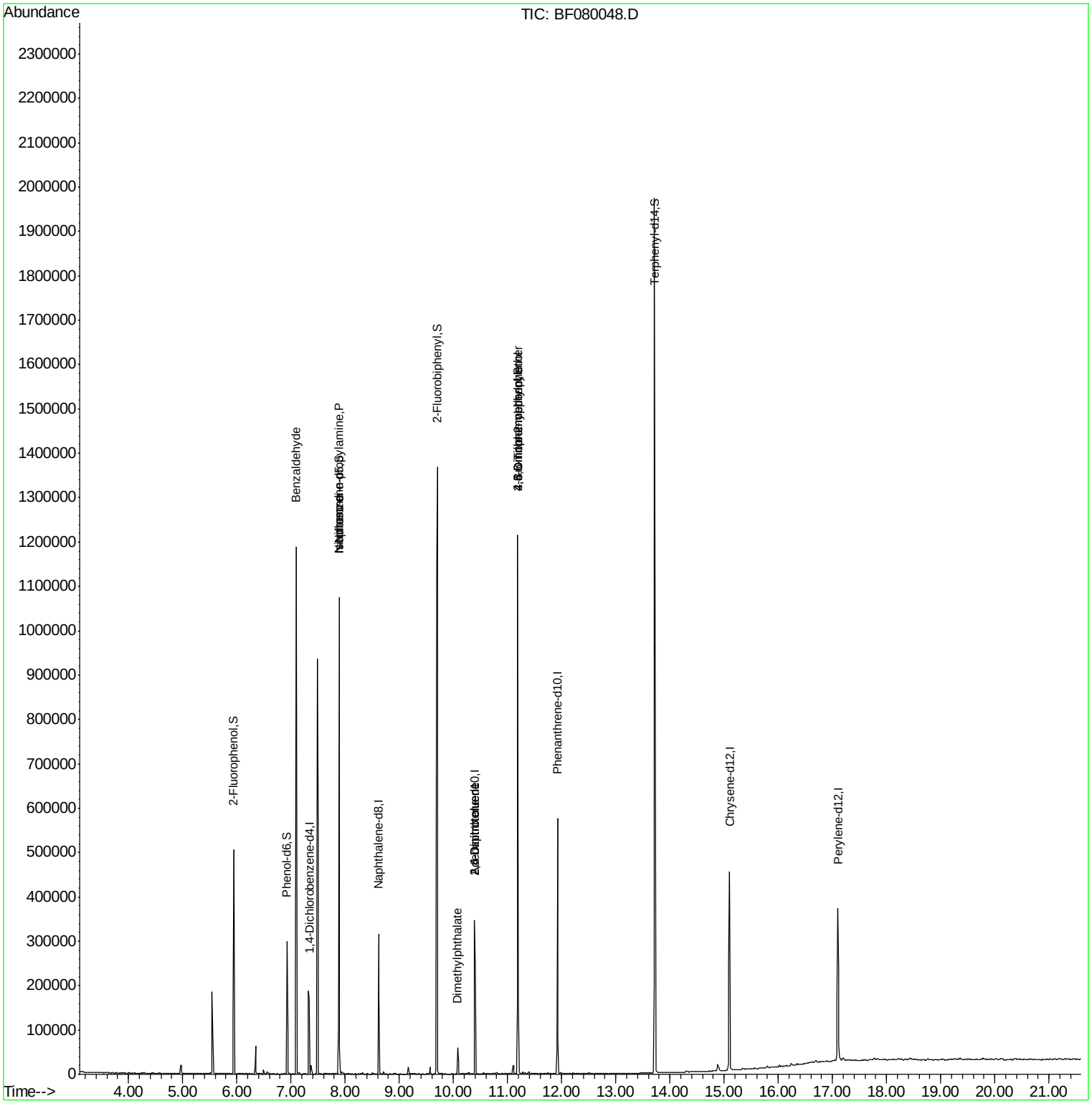
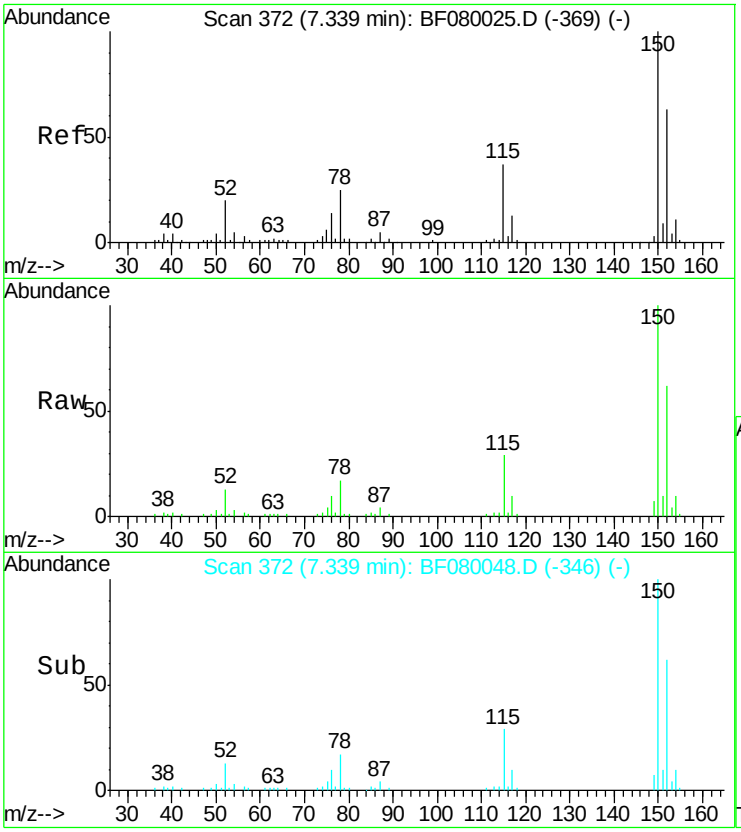


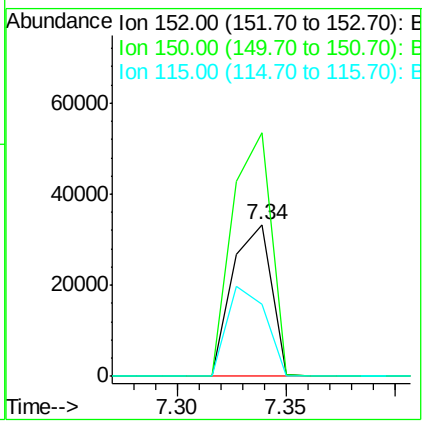


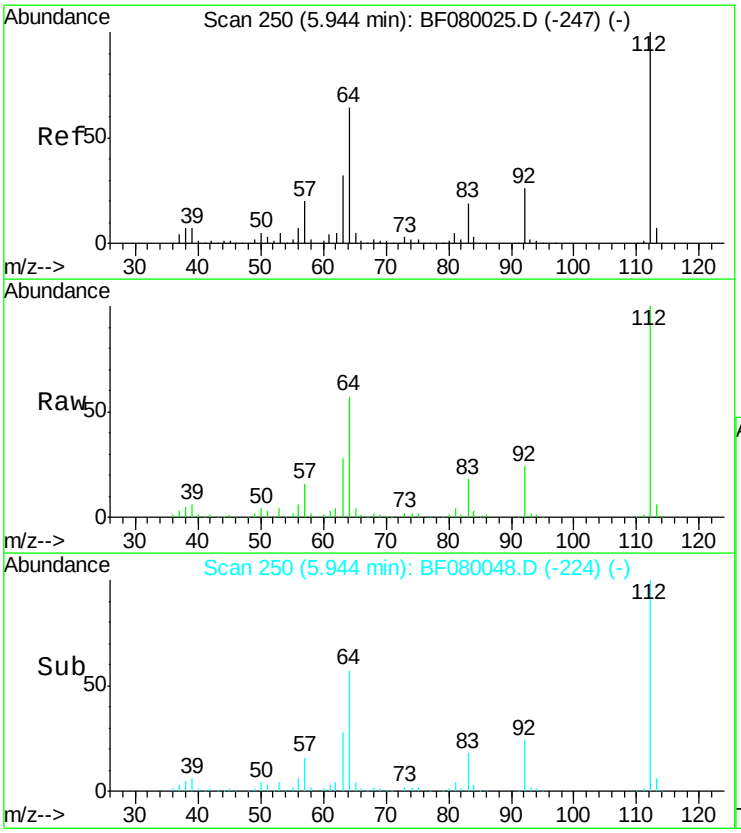
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Instrument :
BNA_F
ClientSampleId :
DCW-WW-150-61715

Tgt Ion:152 Resp: 41493

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.7	187.1
115	47.1	39.0	58.4

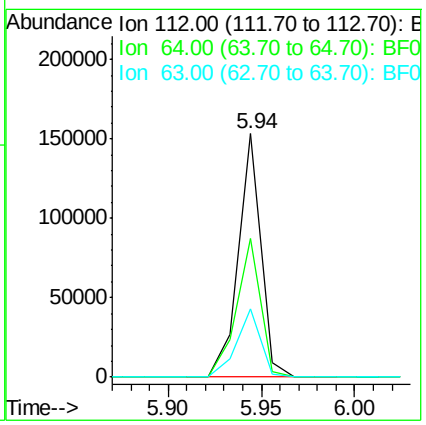


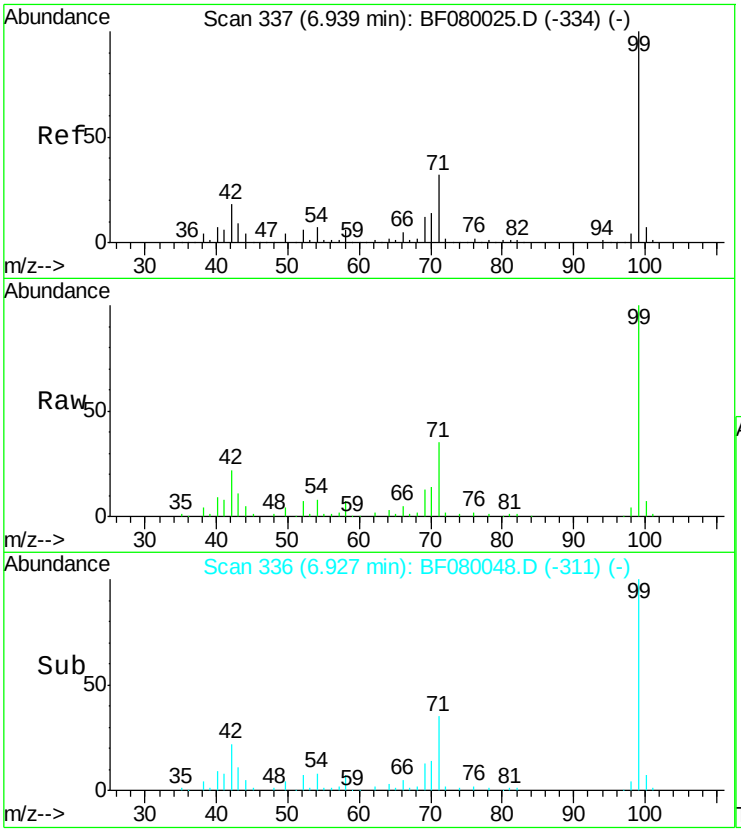


#5
2-Fluorophenol
Concen: 55.54 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Tgt Ion:112 Resp: 130195

Ion	Ratio	Lower	Upper
112	100		
64	57.1	39.7	59.5
63	27.8	17.4	26.0#



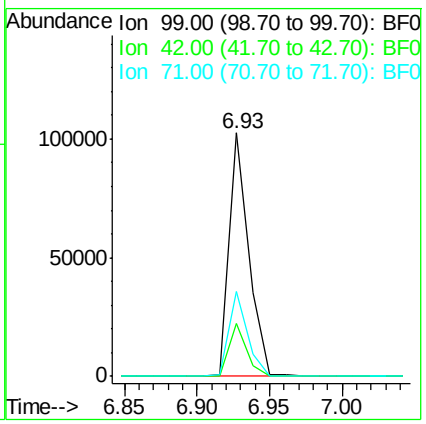


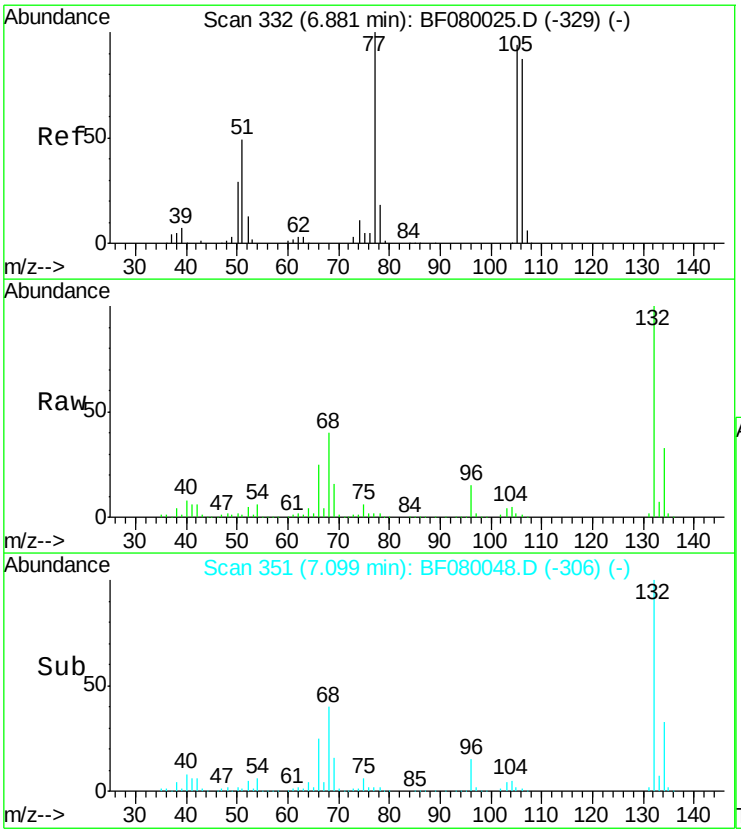
#7
Phenol-d6
Concen: 30.87 ng
RT: 6.93 min Scan# 336
Delta R.T. -0.01 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Instrument :
BNA_F
ClientSampleId :
DCW-WW-150-61715

Tgt Ion: 99 Resp: 96289

Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.7	20.5#
71	34.8	14.2	21.2#

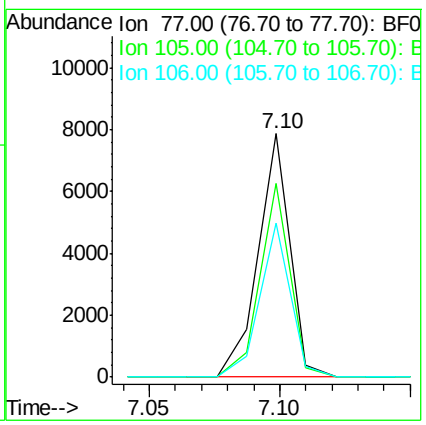


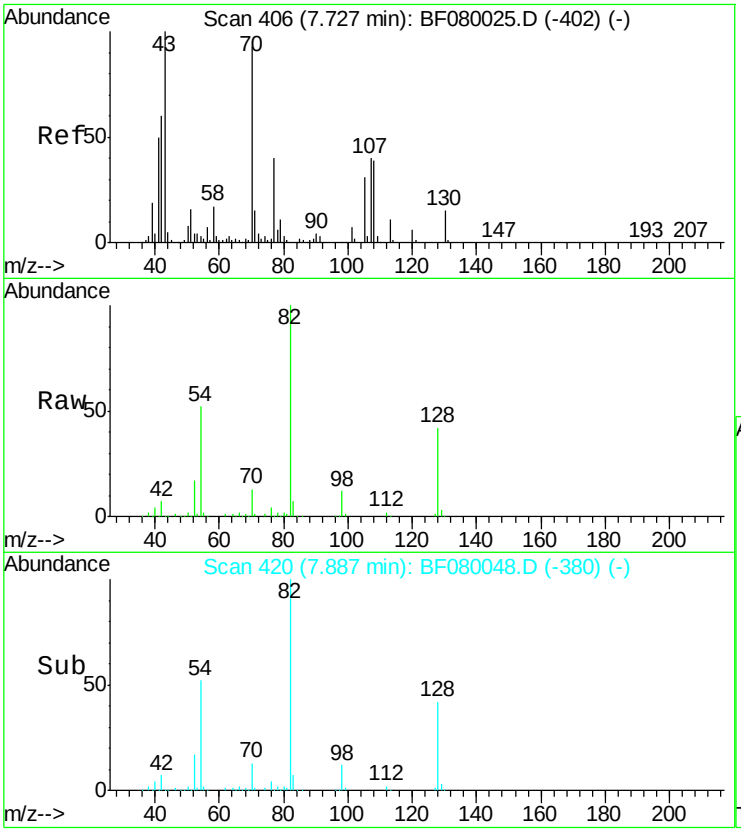


#9
Benzaldehyde
Concen: 3.73 ng
RT: 7.10 min Scan# 351
Delta R.T. 0.22 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Tgt Ion: 77 Resp: 6711

Ion	Ratio	Lower	Upper
77	100		
105	79.4	91.6	131.6#
106	63.1	102.6	142.6#



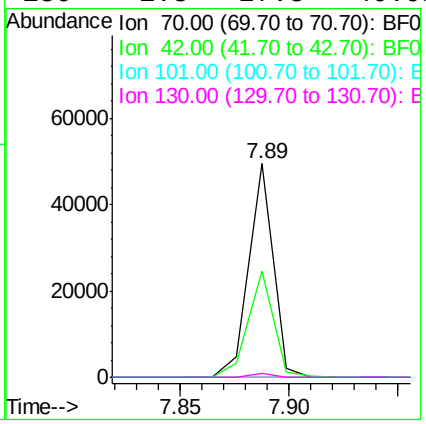


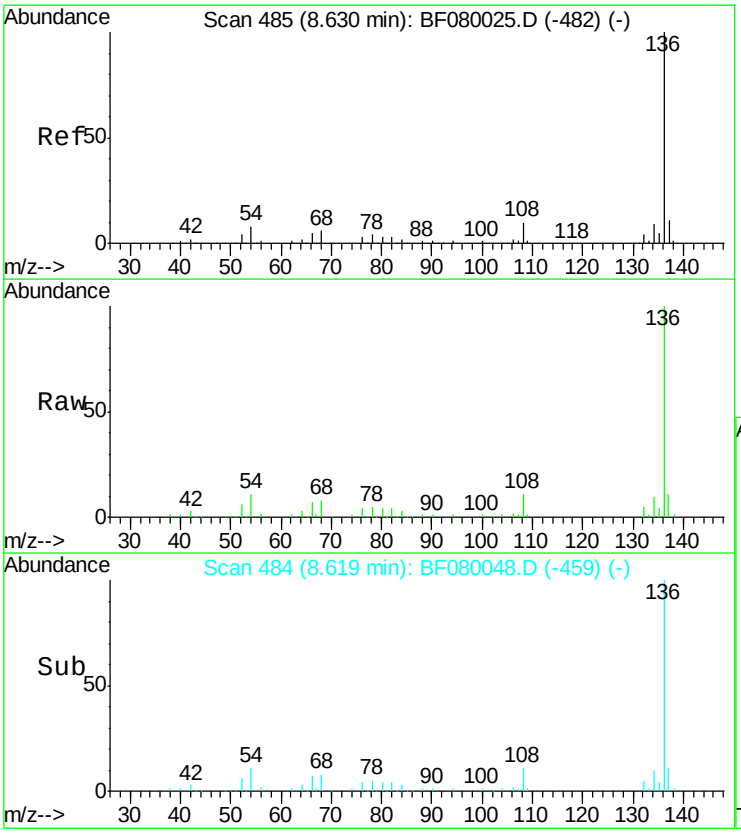
#19
n-Nitroso-di-n-propylamine
Concen: 17.83 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.16 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Instrument :
BNA_F
ClientSampleId :
DCW-WW-150-61715

Tgt Ion: 70 Resp: 38617

Ion	Ratio	Lower	Upper
70	100		
42	49.5	63.8	95.6#
101	0.0	9.2	13.8#
130	1.8	27.3	40.9#

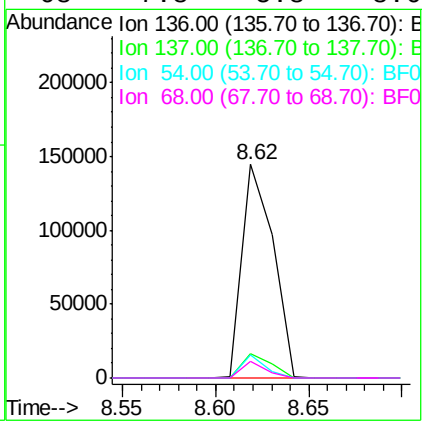


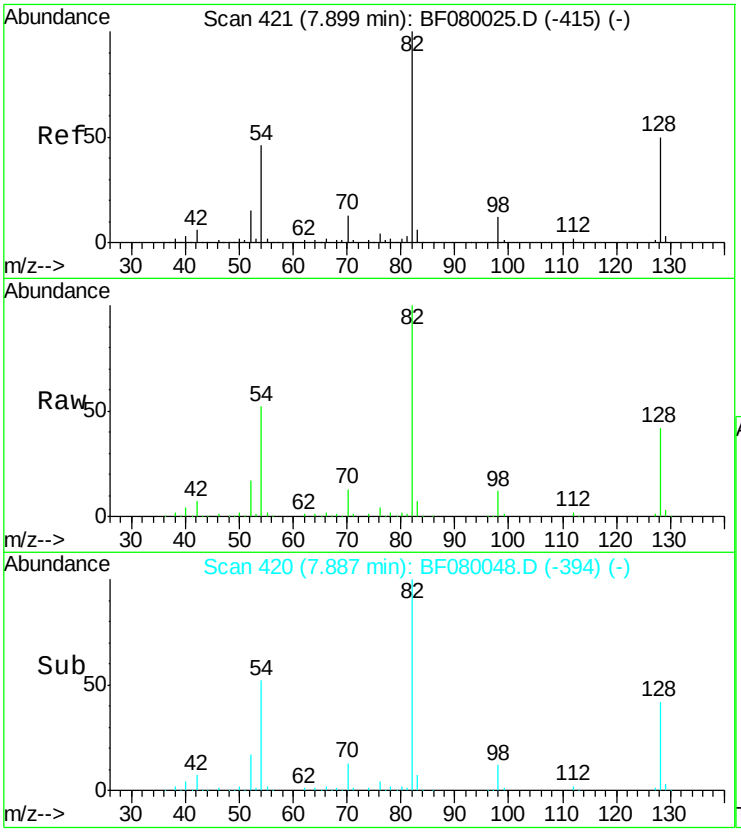


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Tgt Ion:136 Resp: 167307

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.0	8.2	12.2
68	7.8	5.8	8.6



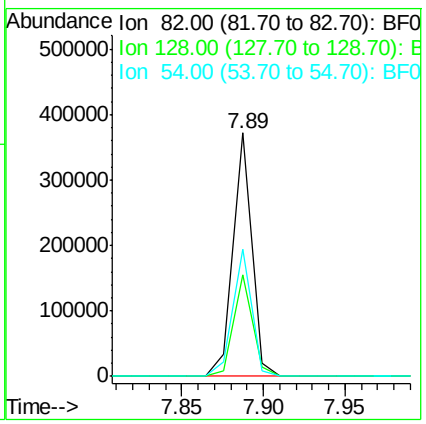


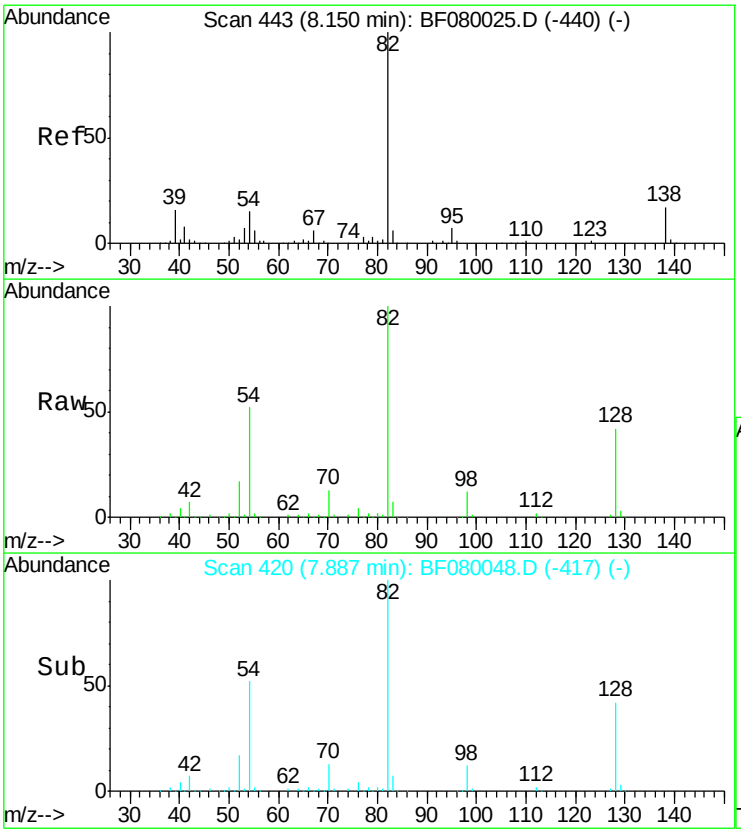
#23
Nitrobenzene-d5
Concen: 101.84 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Instrument :
BNA_F
ClientSampleId :
DCW-WW-150-61715

Tgt Ion: 82 Resp: 292690

Ion	Ratio	Lower	Upper
82	100		
128	41.6	51.0	76.6#
54	52.2	47.5	71.3

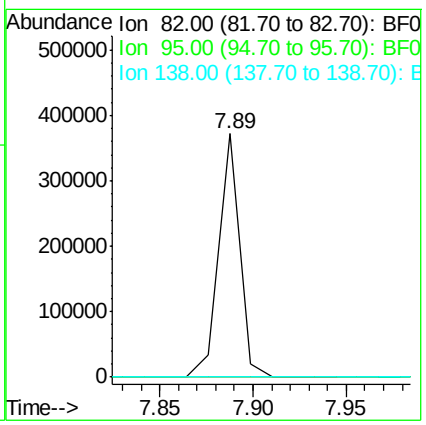


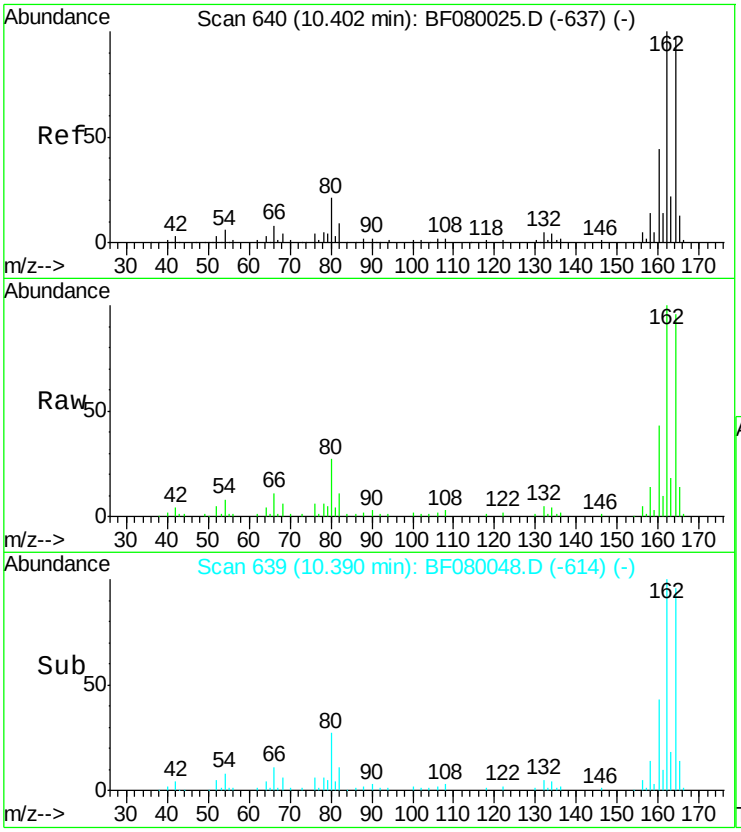


#25
Isophorone
Concen: 50.61 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.26 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Tgt Ion: 82 Resp: 292736

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



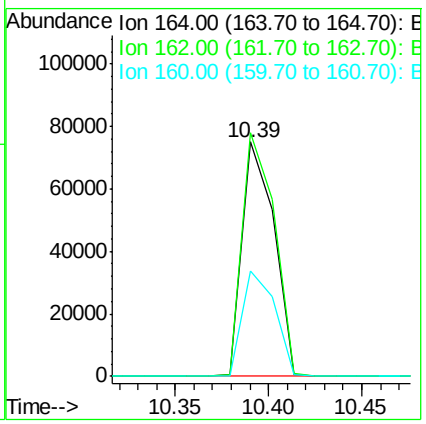


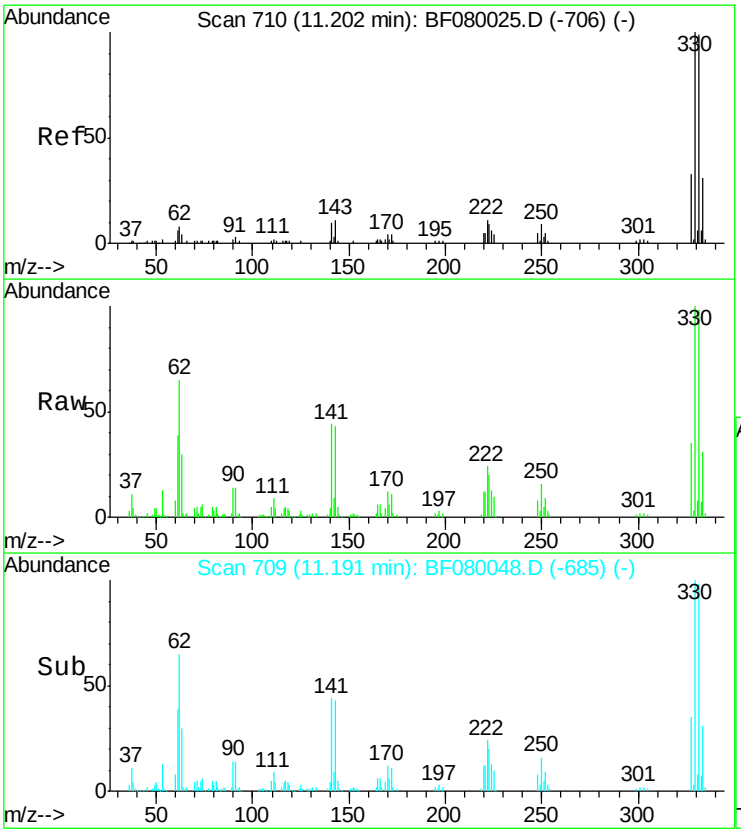
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Instrument :
BNA_F
ClientSampleId :
DCW-WW-150-61715

Tgt Ion:164 Resp: 88713

Ion	Ratio	Lower	Upper
164	100		
162	104.0	75.2	112.8
160	45.0	31.5	47.3

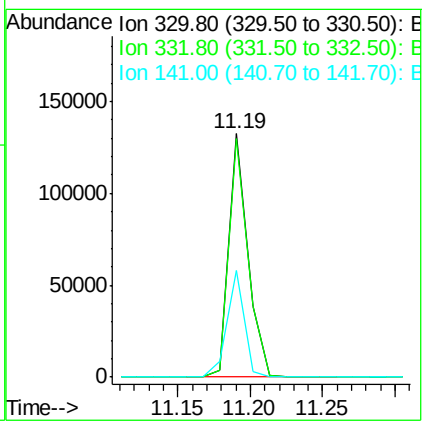


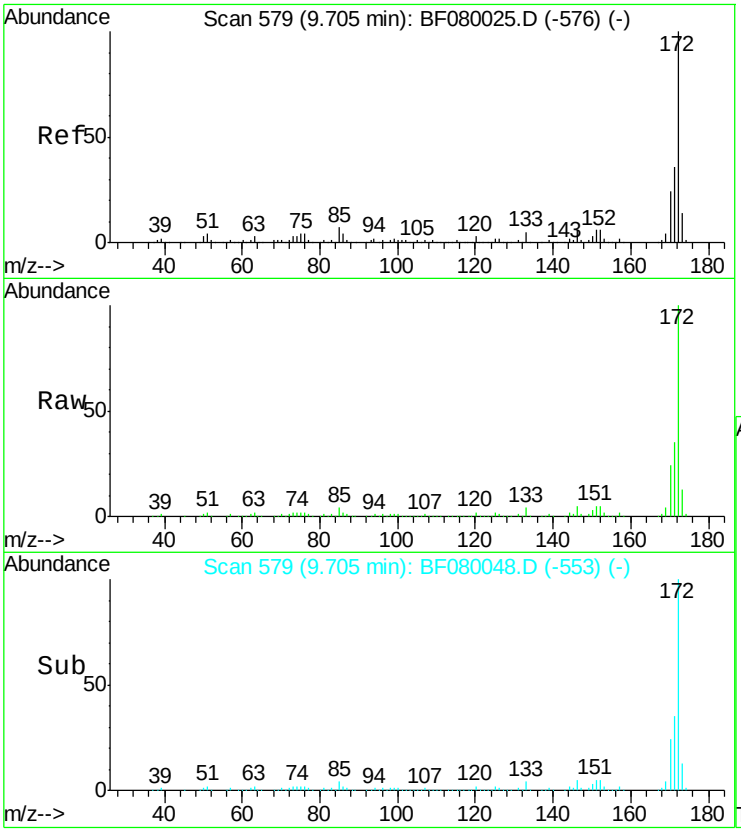


#41
2,4,6-Tribromophenol
Concen: 140.02 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Tgt Ion:330 Resp: 121467

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	39.8	29.7	44.5



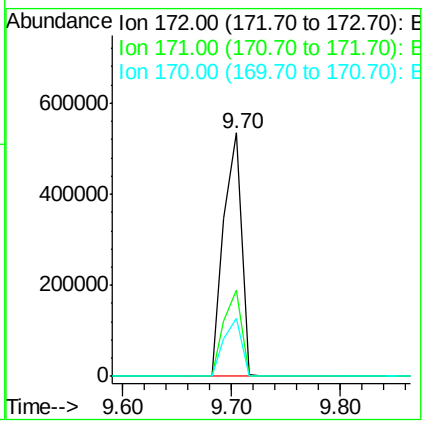


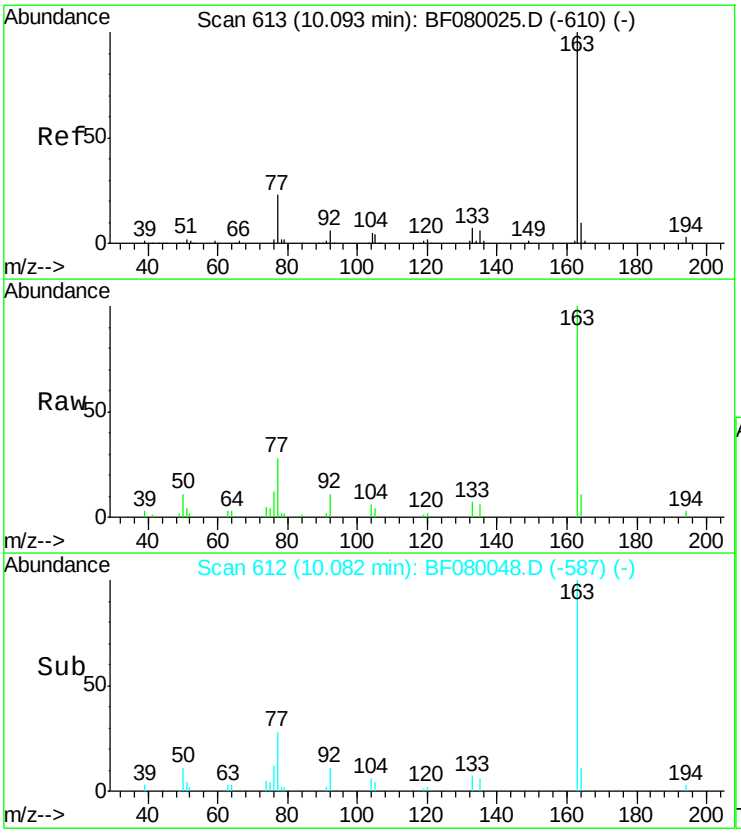
#44
2-Fluorobiphenyl
Concen: 98.07 ng
RT: 9.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Instrument :
BNA_F
ClientSampleId :
DCW-WW-150-61715

Tgt Ion:172 Resp: 610062

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	23.6	17.4	26.2

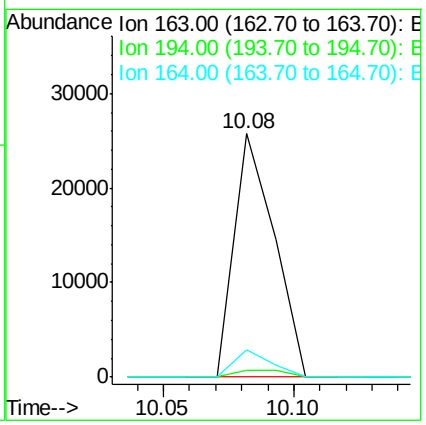


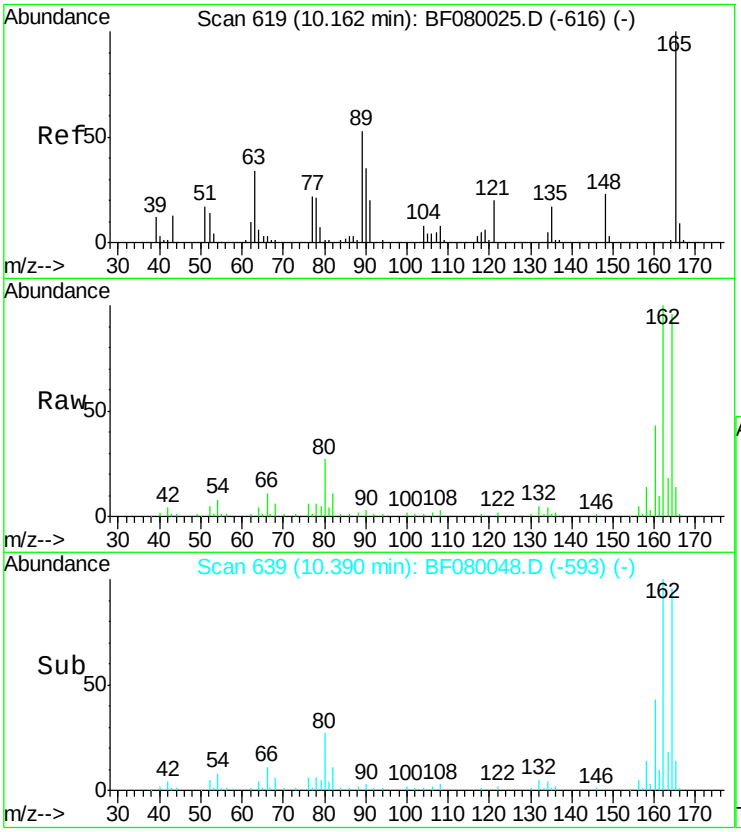


#49
Dimethylphthalate
Concen: 4.14 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Tgt Ion:163 Resp: 27631

Ion	Ratio	Lower	Upper
163	100		
194	2.9	4.4	6.6#
164	11.1	8.3	12.5



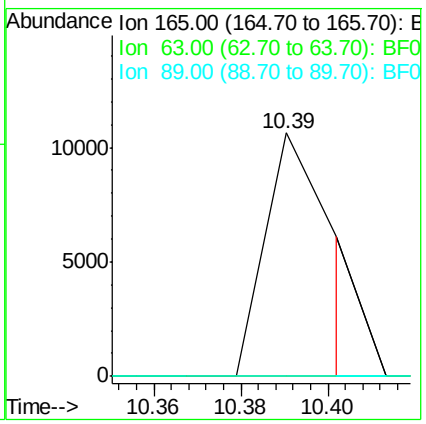


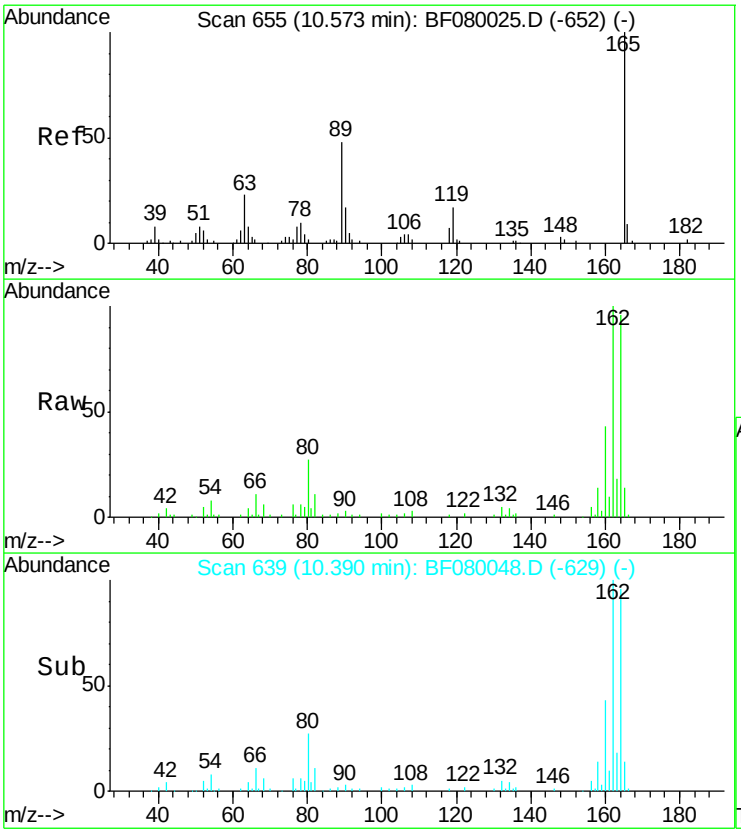
#50
2,6-Dinitrotoluene
Concen: 8.59 ng
RT: 10.39 min Scan# 639
Delta R.T. 0.23 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Instrument :
BNA_F
ClientSampleId :
DCW-WW-150-61715

Tgt Ion:165 Resp: 11484

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

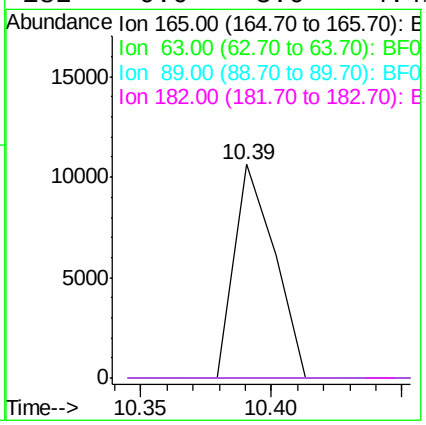


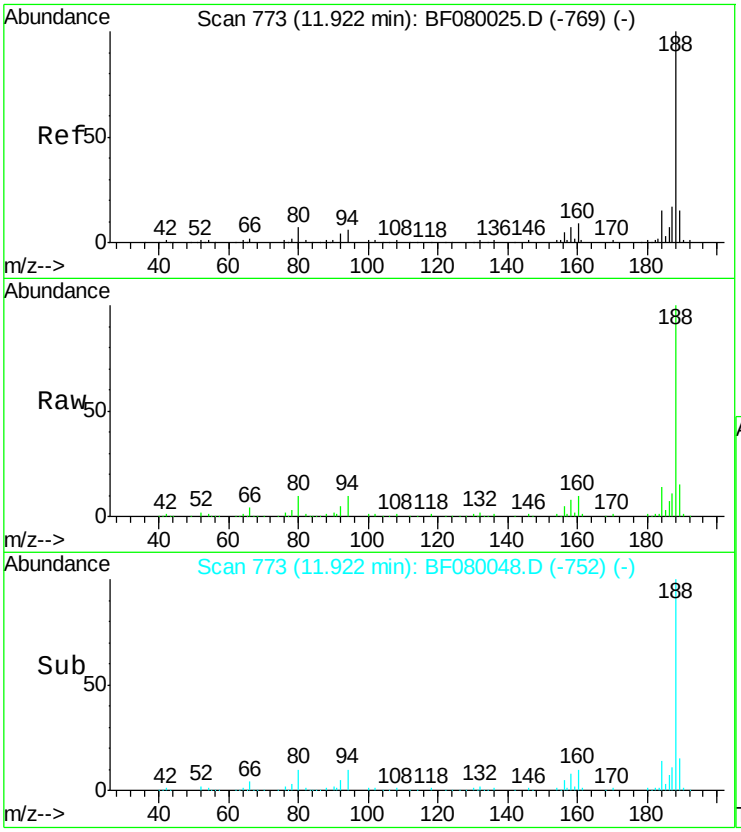


#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.18 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Tgt Ion:165 Resp: 11486

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#



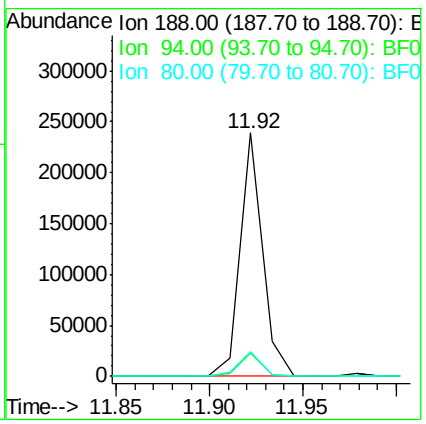


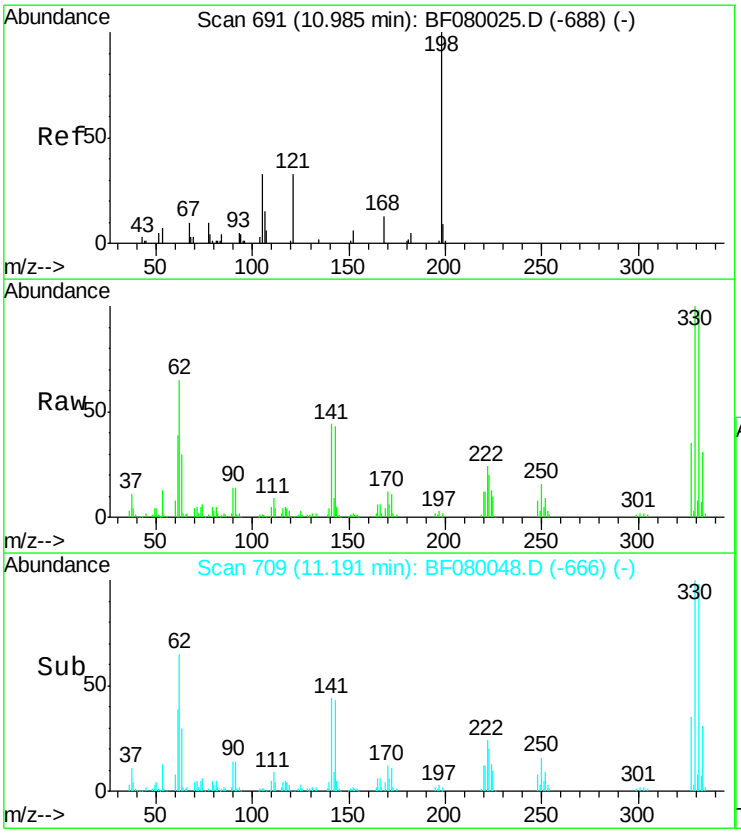
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.06 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Instrument :
BNA_F
ClientSampleId :
DCW-WW-150-61715

Tgt Ion:188 Resp: 200117

Ion	Ratio	Lower	Upper
188	100		
94	9.5	11.1	16.7#
80	10.3	11.0	16.4#

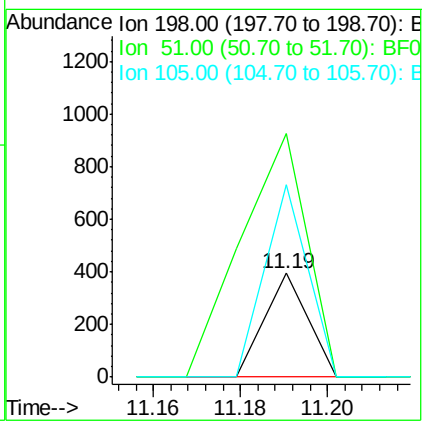


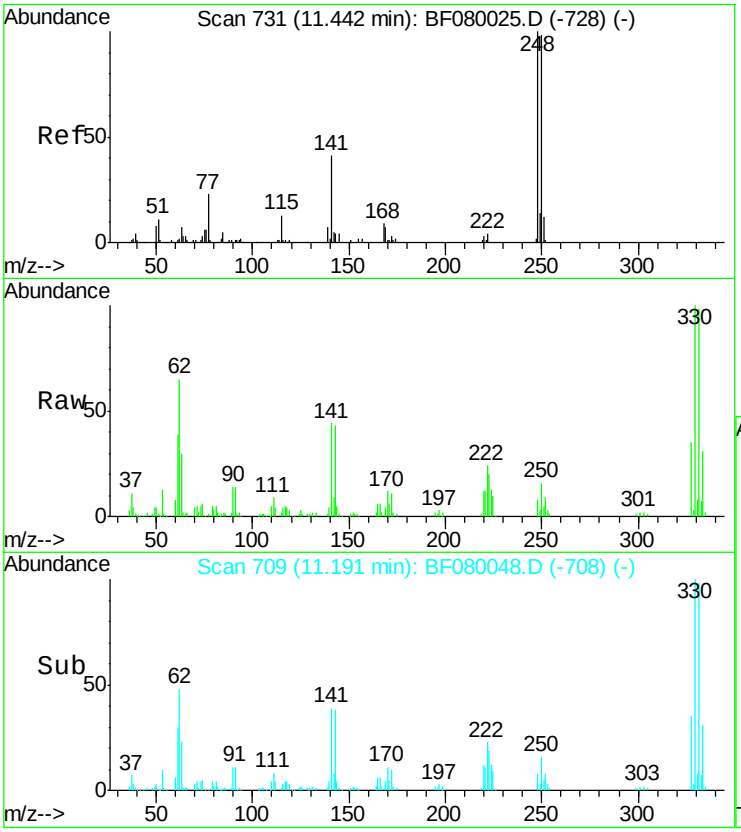


#64
4,6-Dinitro-2-methylphenol
Concen: 3.81 ng
RT: 11.19 min Scan# 709
Delta R.T. 0.19 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Tgt Ion:198 Resp: 271

Ion	Ratio	Lower	Upper
198	100		
51	234.4	39.6	79.6#
105	185.6	28.5	68.5#



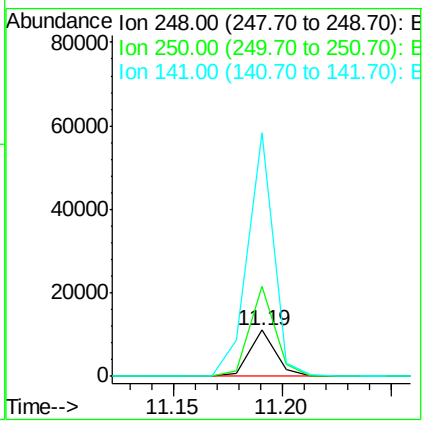


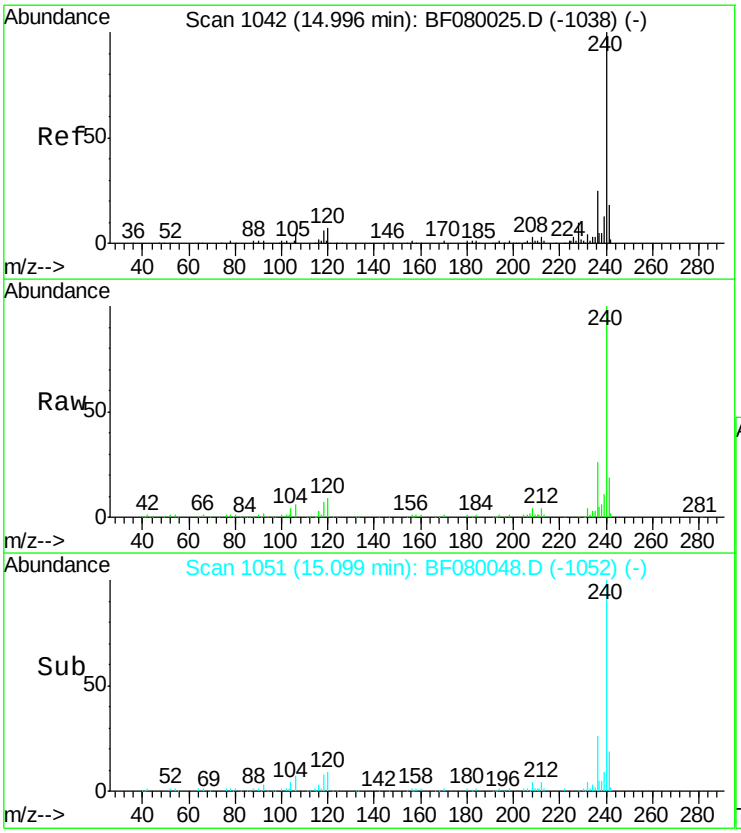
#66
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.29 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Instrument :
BNA_F
ClientSampleId :
DCW-WW-150-61715

Tgt Ion:248 Resp: 9239

Ion	Ratio	Lower	Upper
248	100		
250	194.1	78.5	117.7#
141	524.3	59.0	88.6#

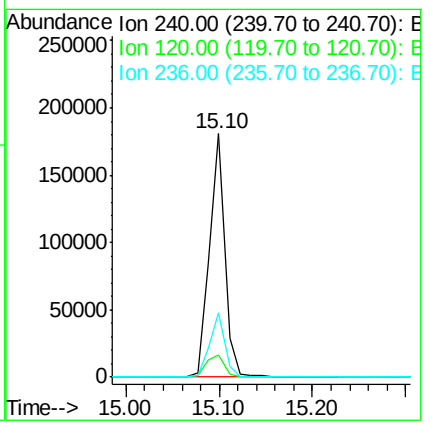


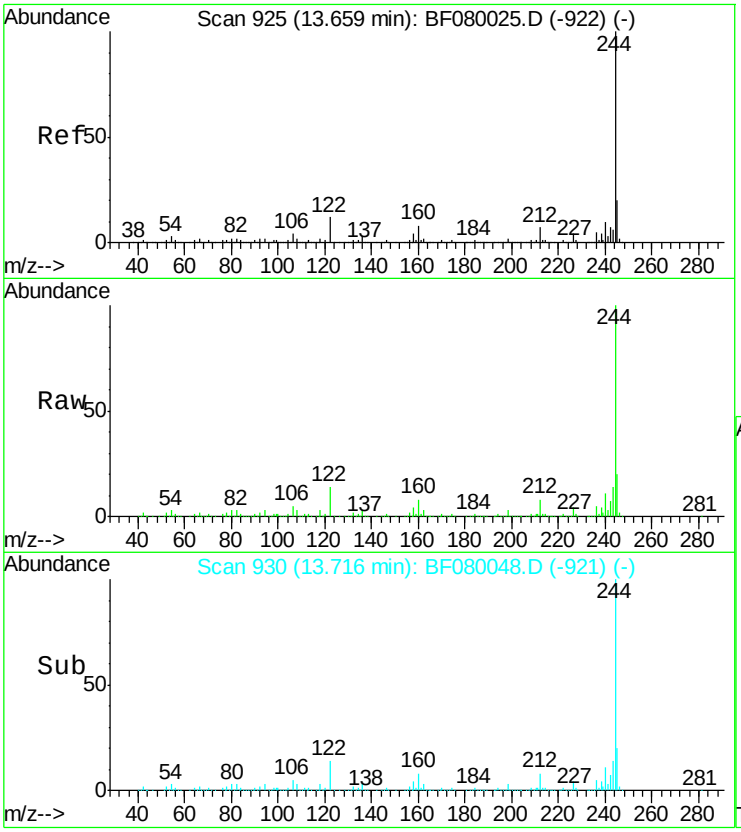


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1051
Delta R.T. -0.31 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Tgt Ion:240 Resp: 208211

Ion	Ratio	Lower	Upper
240	100		
120	8.9	16.2	24.2#
236	26.3	18.4	27.6



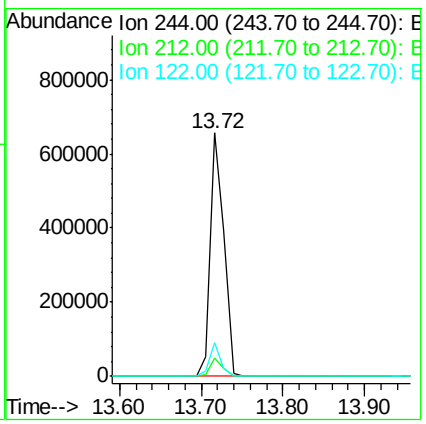


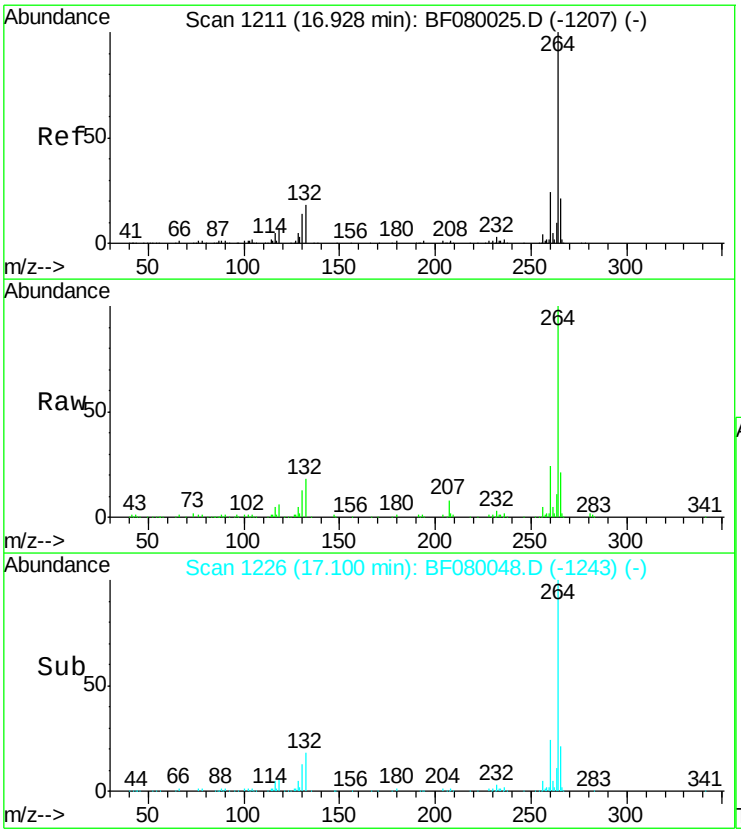
#78
Terphenyl-d14
Concen: 86.28 ng
RT: 13.72 min Scan# 930
Delta R.T. -0.19 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Instrument :
BNA_F
ClientSampleId :
DCW-WW-150-61715

Tgt Ion:244 Resp: 769193

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	14.0	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.10 min Scan# 1226
Delta R.T. -0.49 min
Lab File: BF080048.D
Acq: 18 Jun 2015 16:02

Tgt Ion:264 Resp: 201176

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	20.6	17.2	25.8