Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080577.D
Acq On : 23 Jul 2015 2:33
Operator : TP/UM
Sample : G3027-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-12.0-12.5

Quant Time: Jul 23 05:50:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 05:13:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	201539	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	826292	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	386044	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	629151	20.00	ng	0.00
75) Chrysene-d12	14.27	240	434289	20.00	ng	-0.05
86) Perylene-d12	15.92	264	132461	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	285427	25.11	ng	0.01
7) Phenol-d6	6.57	99	390138	27.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	222514	17.35	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	61964	27.54	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	373237	13.90	ng	0.00
78) Terphenyl-d14	13.11	244	295899	13.97	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	31508	3.51	ng	# 78
24) Nitrobenzene	7.52	77	599	4.37	ng	# 31
25) Isophorone	7.52	82	202953	7.49	ng	# 66
47) 2-Nitroaniline	9.71	65	291	2.52	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	50092	13.94	ng	# 15
56) 2,4-Dinitrotoluene	10.01	165	50095	16.48	ng	# 12
83) Bis(2-ethylhexyl)phthalate	14.27	149	301	3.10	ng	# 54

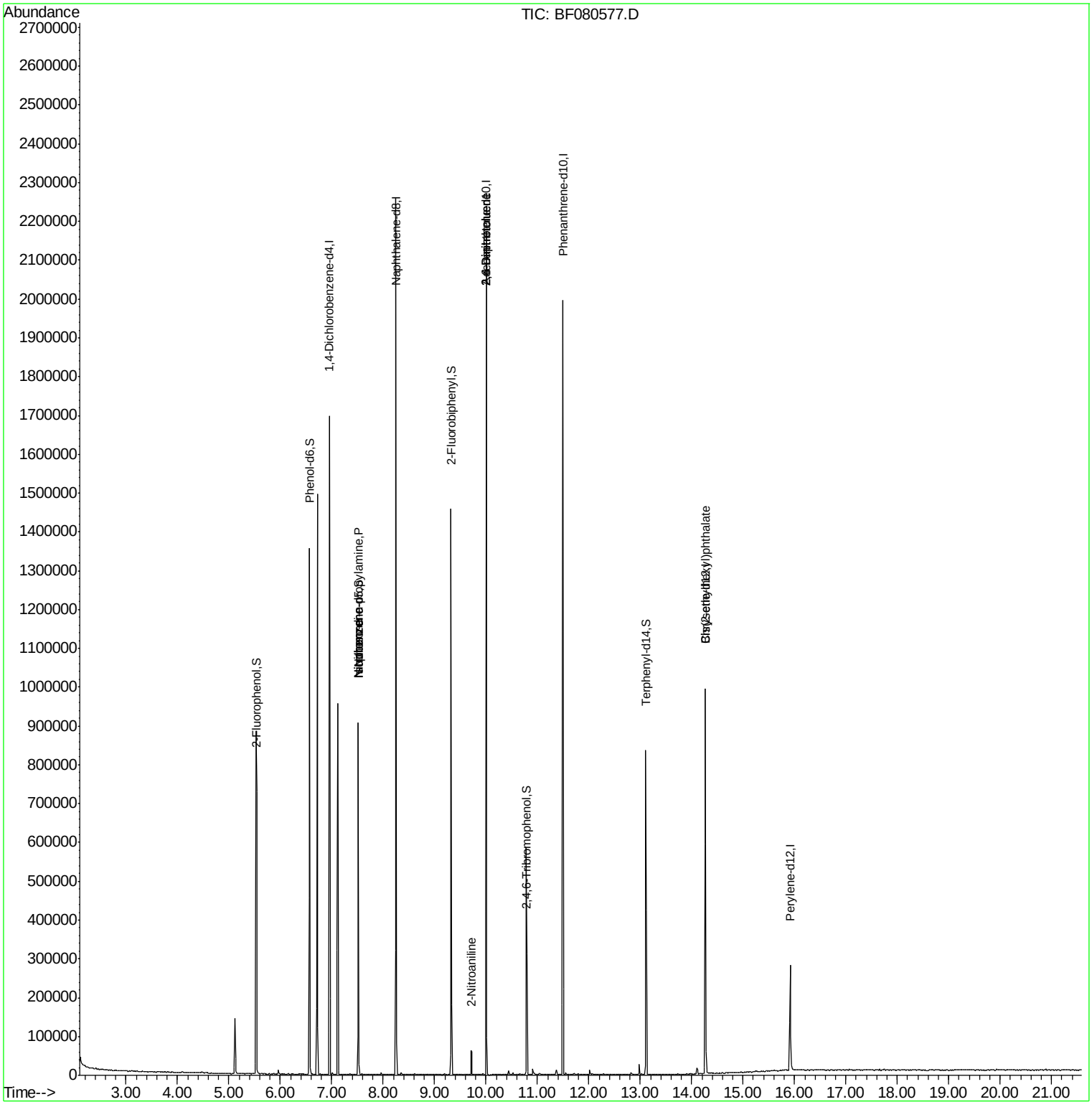
(#) = qualifier out of range (m) = manual integration (+) = signals summed

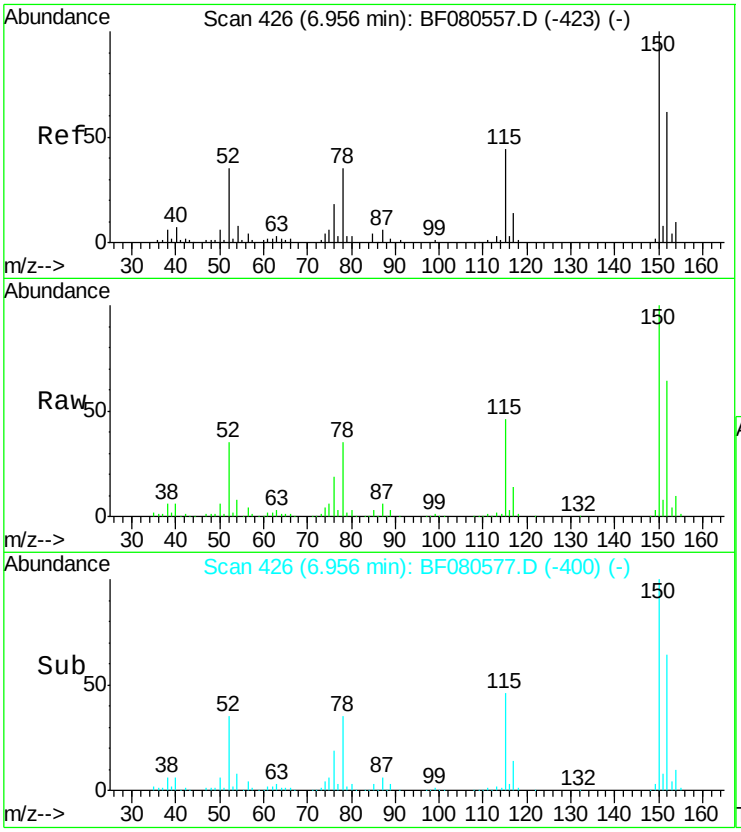
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080577.D
Acq On : 23 Jul 2015 2:33
Operator : TP/UM
Sample : G3027-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Quant Time: Jul 23 05:50:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 05:13:42 2015
Response via : Initial Calibration



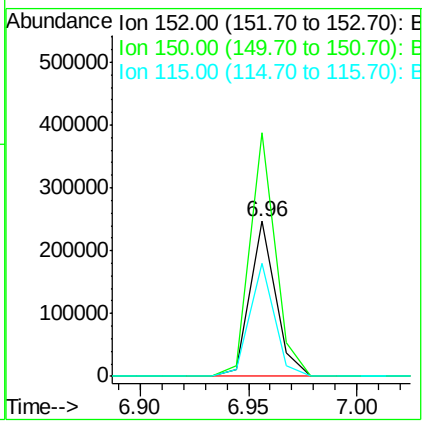


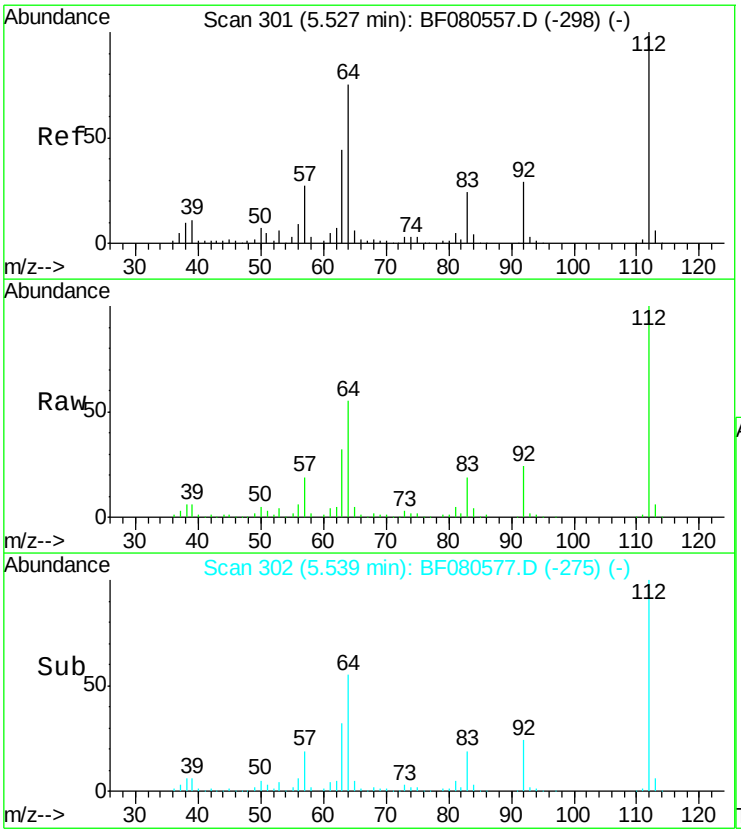
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion:152 Resp: 201539

Ion	Ratio	Lower	Upper
152	100		
150	157.3	128.7	193.1
115	72.8	56.8	85.2

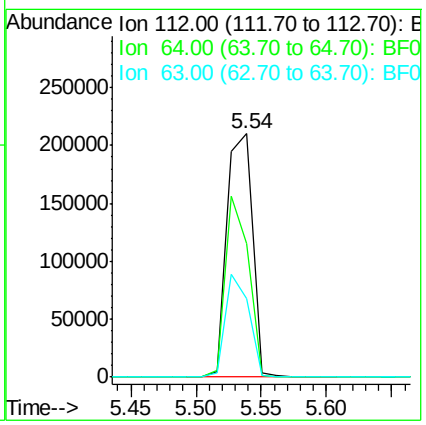


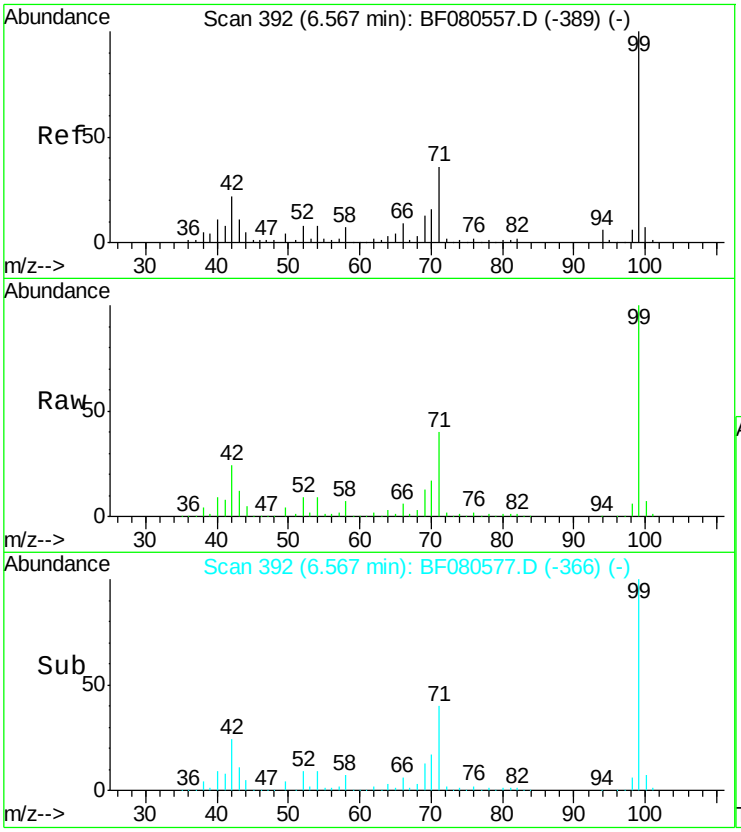


#5
2-Fluorophenol
Concen: 25.11 ng
RT: 5.54 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion:112 Resp: 285427

Ion	Ratio	Lower	Upper
112	100		
64	54.6	60.2	90.2#
63	32.5	34.8	52.2#



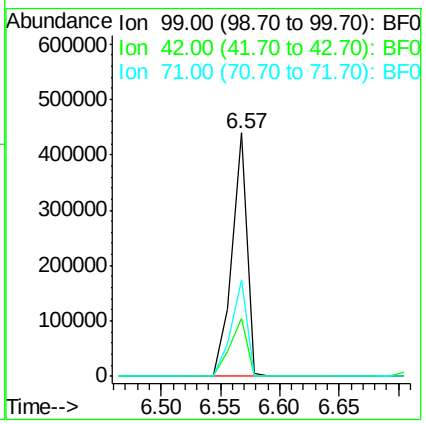


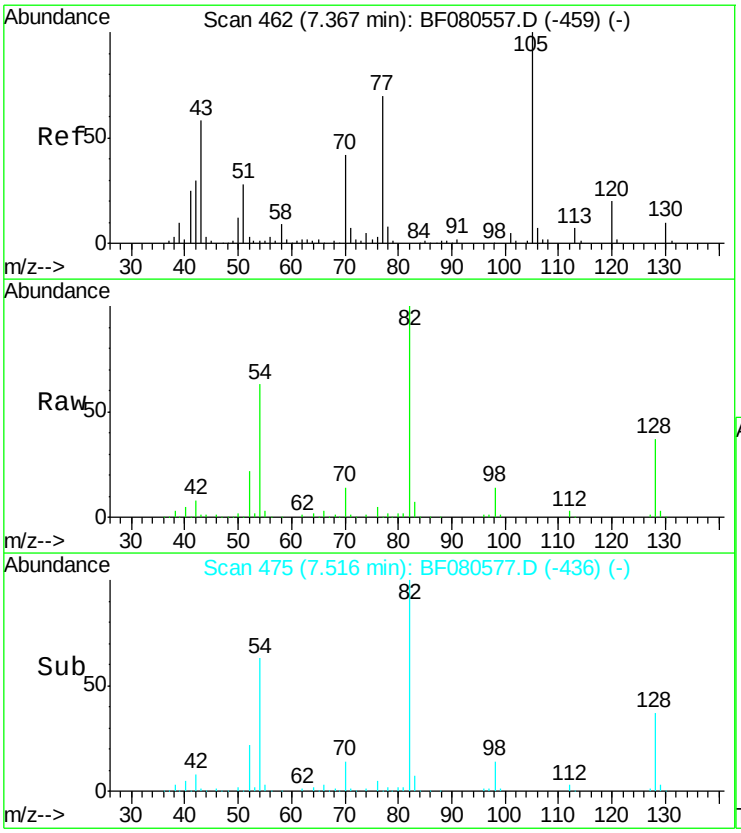
#7
Phenol-d6
Concen: 27.87 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion: 99 Resp: 390138

Ion	Ratio	Lower	Upper
99	100		
42	23.9	17.4	26.2
71	39.8	29.0	43.6

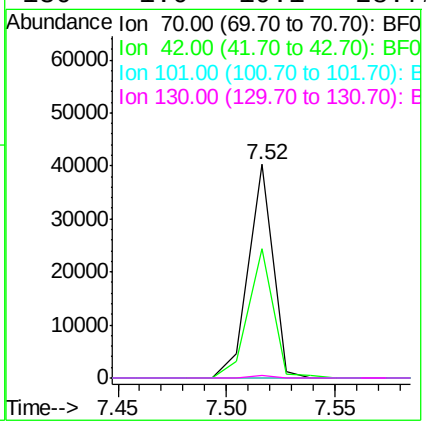


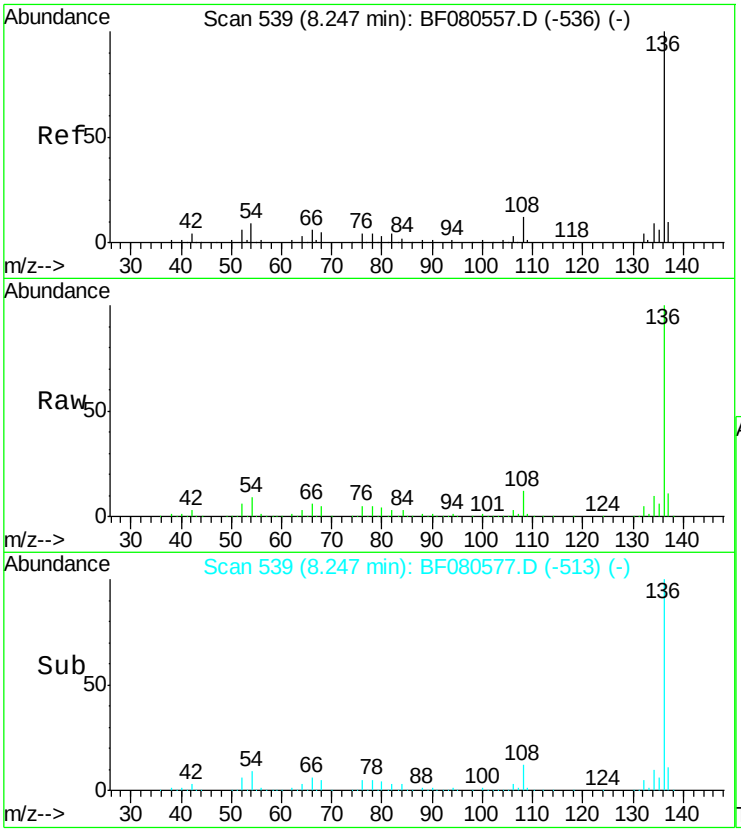


#19
n-Nitroso-di-n-propylamine
Concen: 3.51 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.15 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion: 70 Resp: 31508

Ion	Ratio	Lower	Upper
70	100		
42	60.5	56.6	85.0
101	0.0	9.7	14.5#
130	1.0	19.1	28.7#



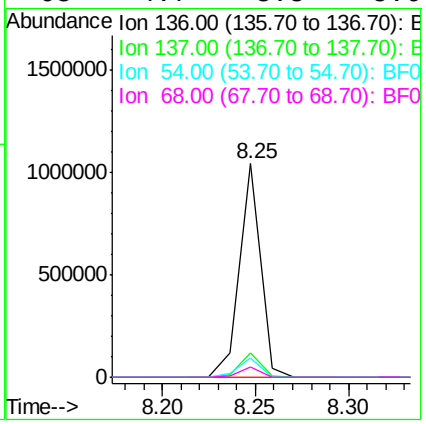


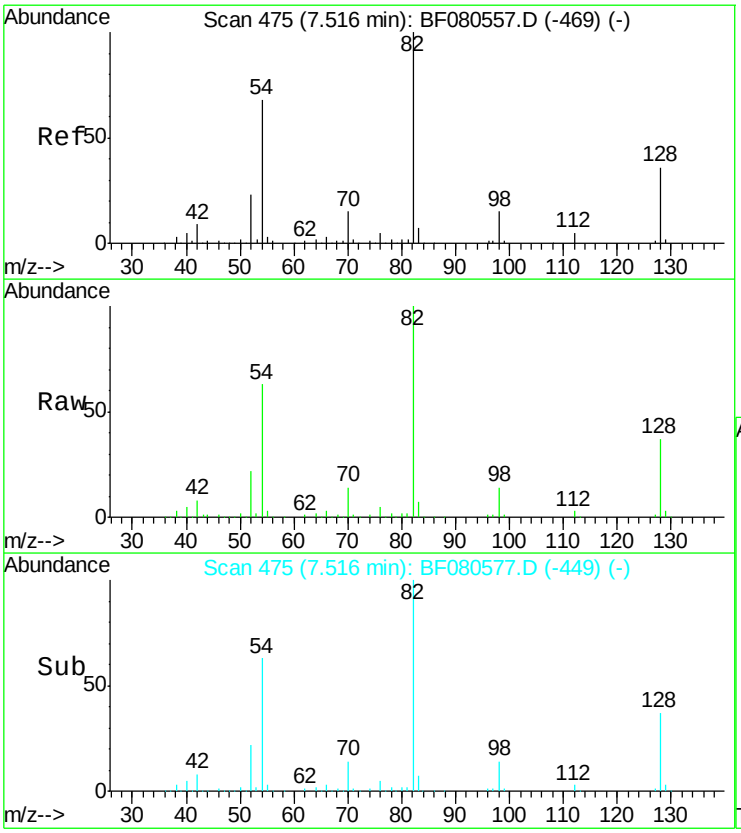
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion:136 Resp: 826292

Ion	Ratio	Lower	Upper
136	100		
137	11.3	7.8	11.8
54	9.0	7.2	10.8
68	4.7	3.8	5.6

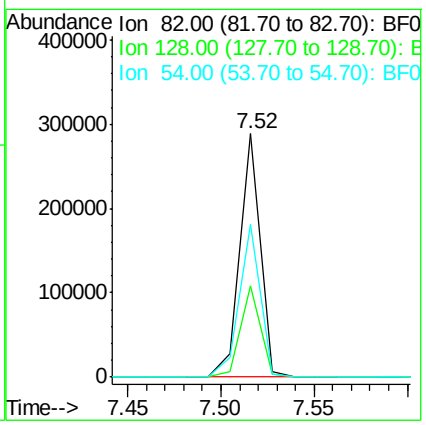


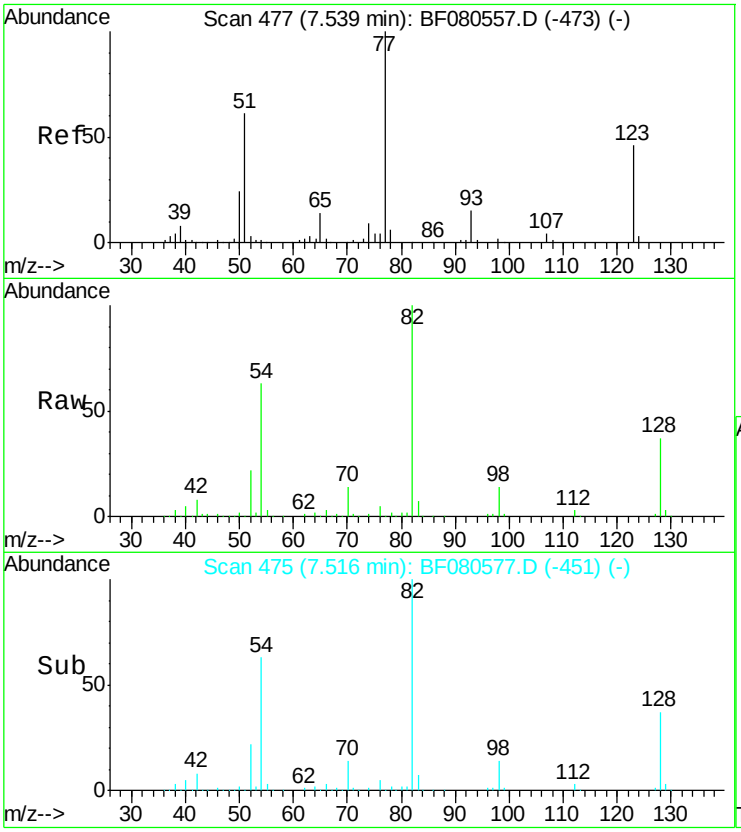


#23
Nitrobenzene-d5
Concen: 17.35 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion: 82 Resp: 222514

Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.9	43.3
54	62.6	54.5	81.7



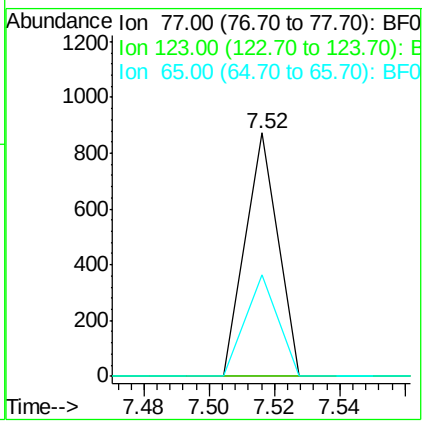


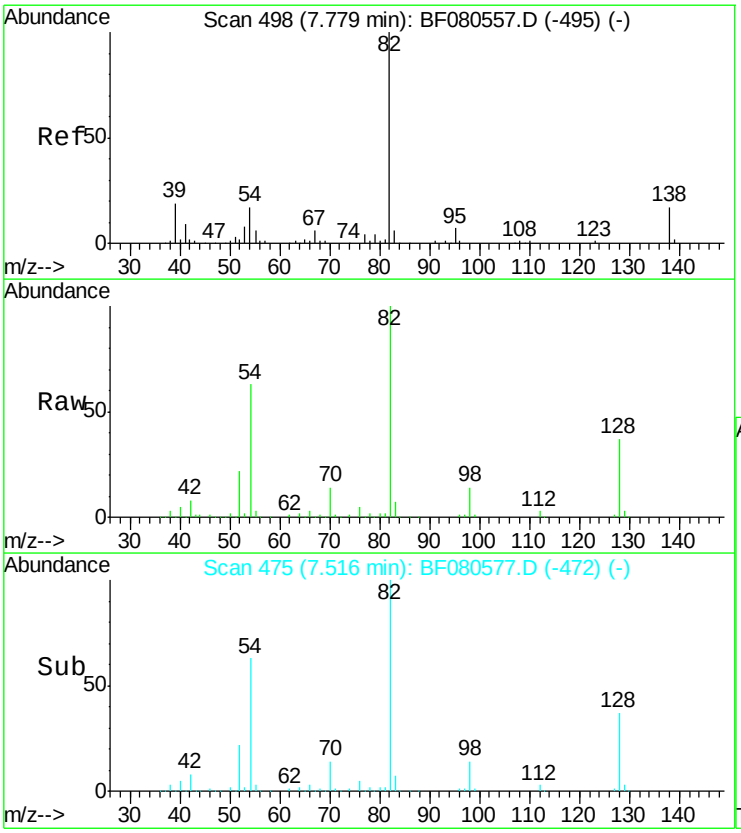
#24
Nitrobenzene
Concen: 4.37 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion: 77 Resp: 599

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.1	55.7#
65	41.7	11.4	17.2#

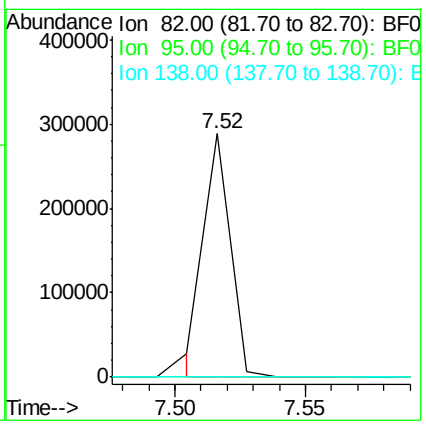


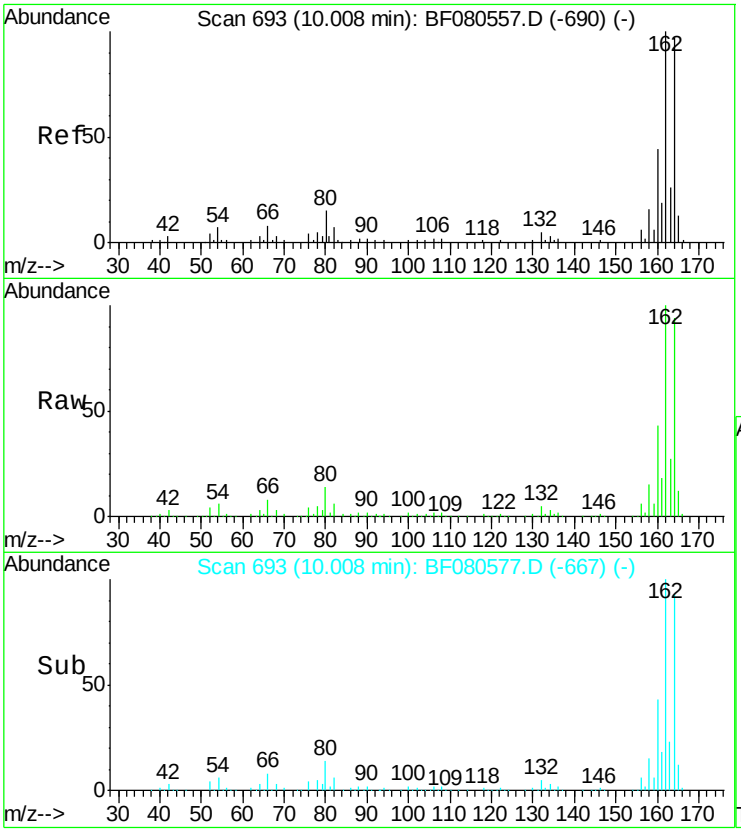


#25
Isophorone
Concen: 7.49 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.26 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion: 82 Resp: 202953

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	13.4	20.2#



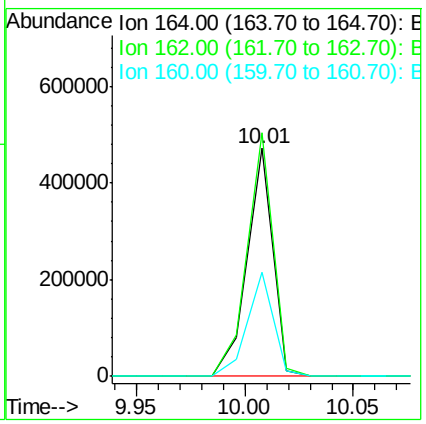


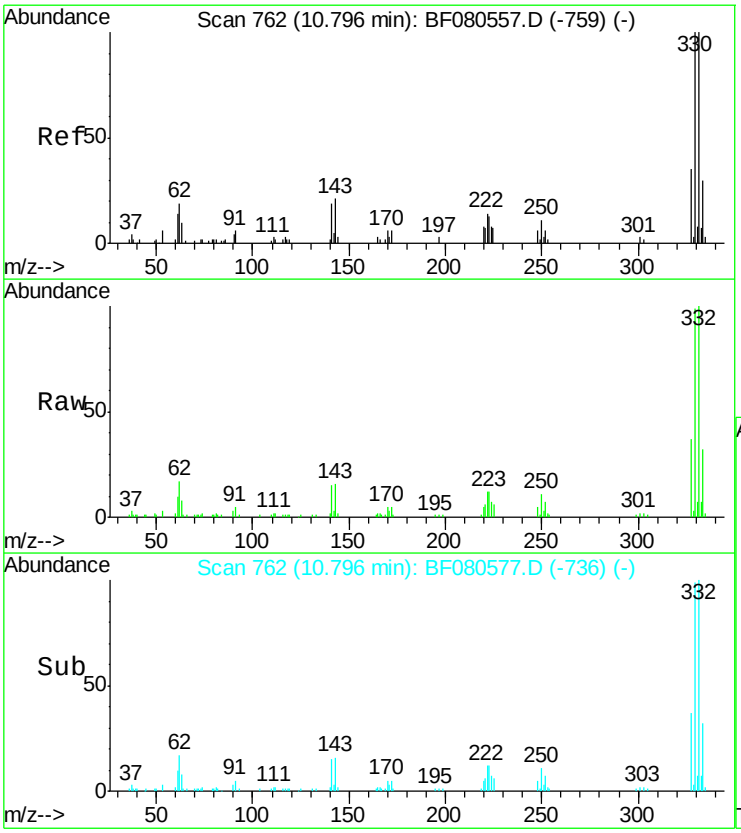
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion:164 Resp: 386044

Ion	Ratio	Lower	Upper
164	100		
162	106.8	82.2	123.4
160	45.8	36.1	54.1

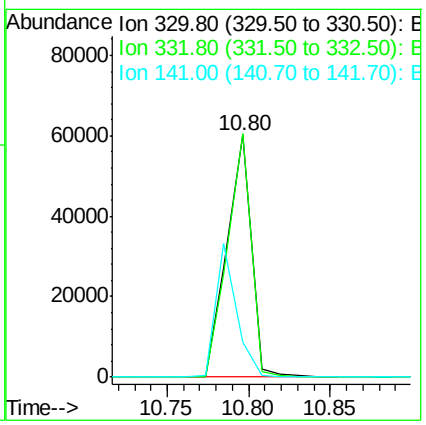


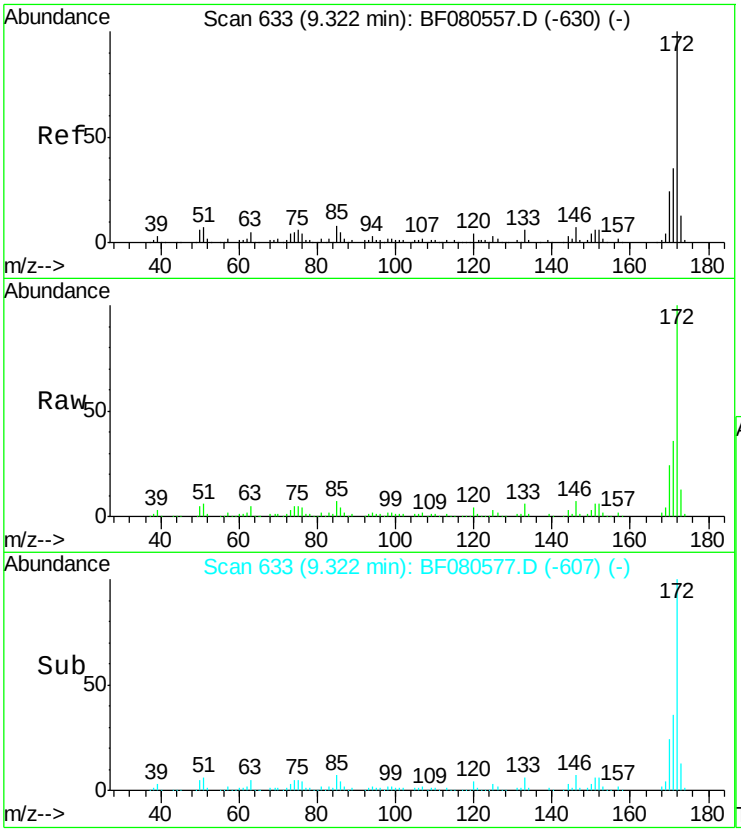


#41
2,4,6-Tribromophenol
Concen: 27.54 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion:330 Resp: 61964

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.3	117.5
141	47.7	37.9	56.9



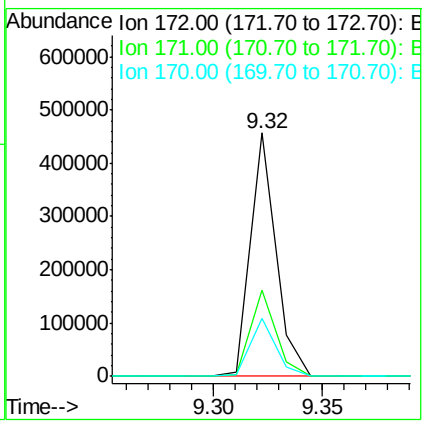


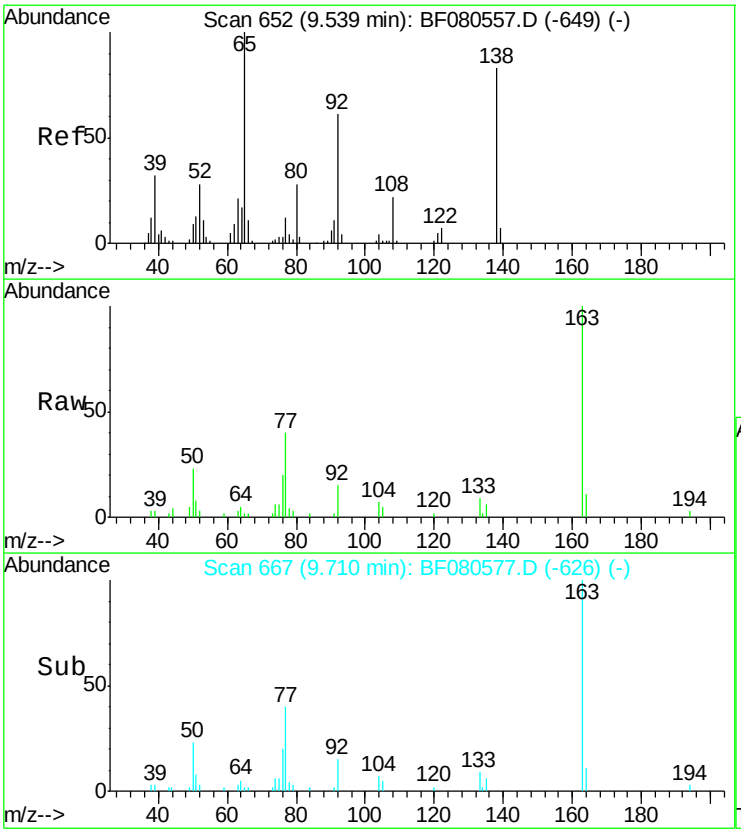
#44
2-Fluorobiphenyl
Concen: 13.90 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion:172 Resp: 373237

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.7	41.5
170	23.9	19.1	28.7

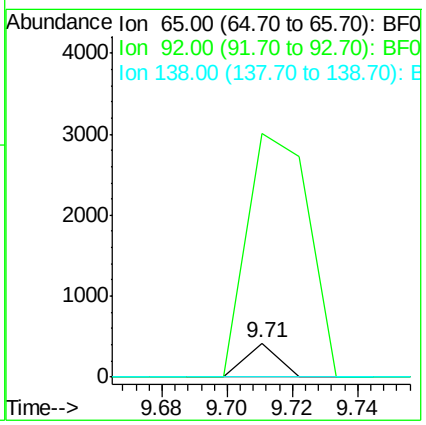


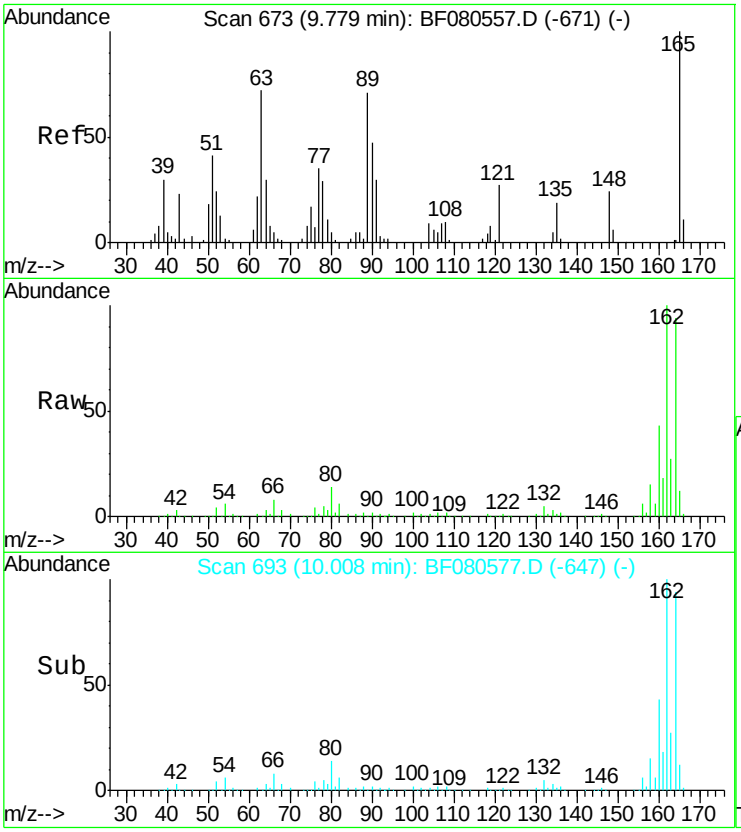


#47
2-Nitroaniline
Concen: 2.52 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.17 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion: 65 Resp: 291

Ion	Ratio	Lower	Upper
65	100		
92	709.2	48.7	73.1#
138	0.0	66.8	100.2#



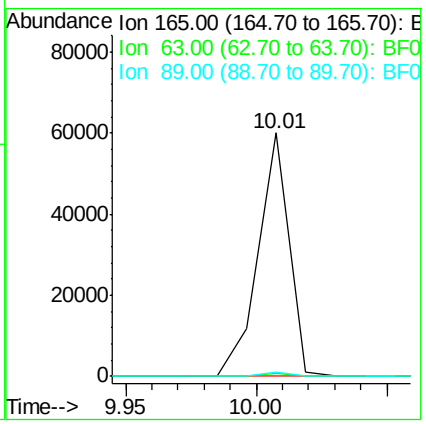


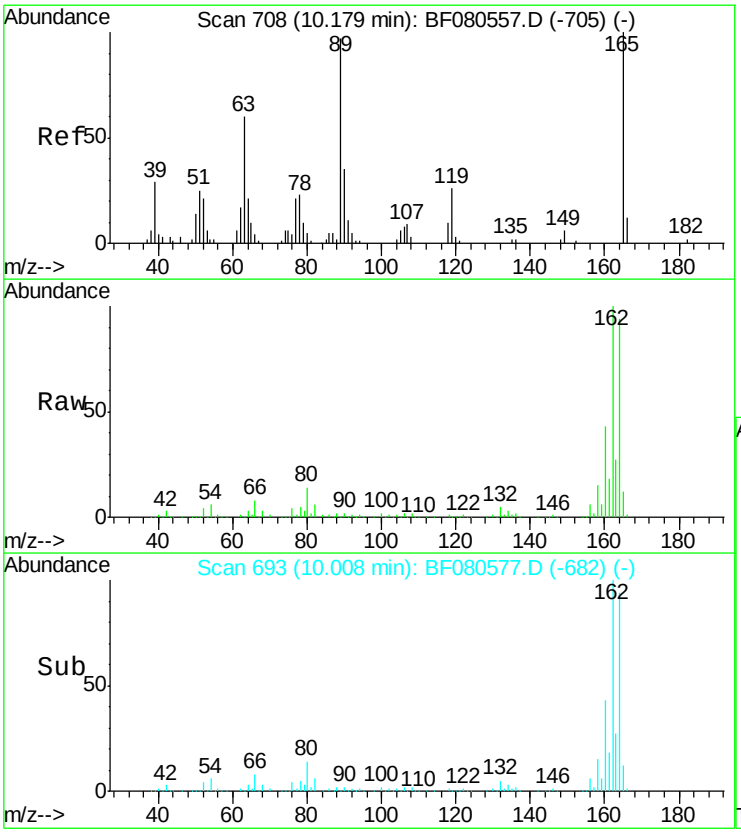
#50
2,6-Dinitrotoluene
Concen: 13.94 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.23 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion:165 Resp: 50092

Ion	Ratio	Lower	Upper
165	100		
63	1.4	59.0	88.6#
89	2.0	56.9	85.3#

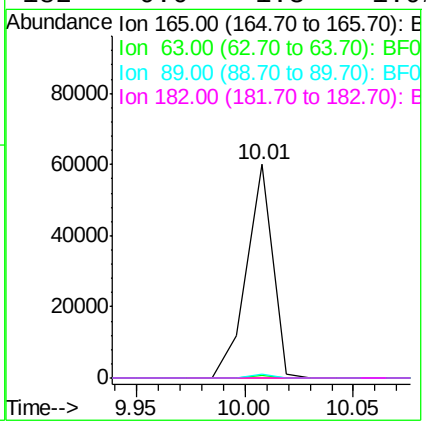


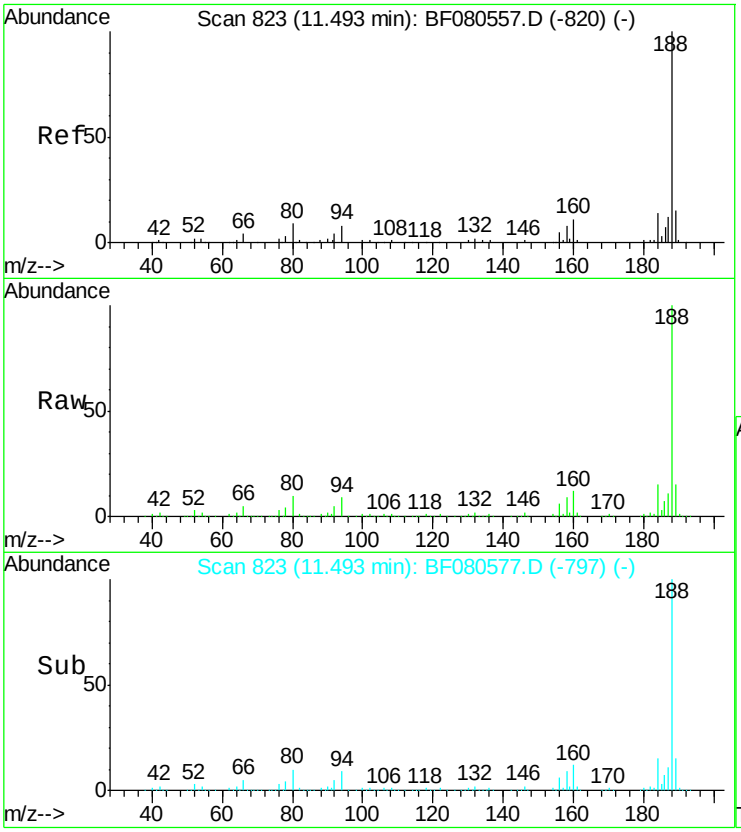


#56
2,4-Dinitrotoluene
Concen: 16.48 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.17 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion:165 Resp: 50095

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.1	72.1#
89	2.0	77.4	116.0#
182	0.0	1.3	1.9#



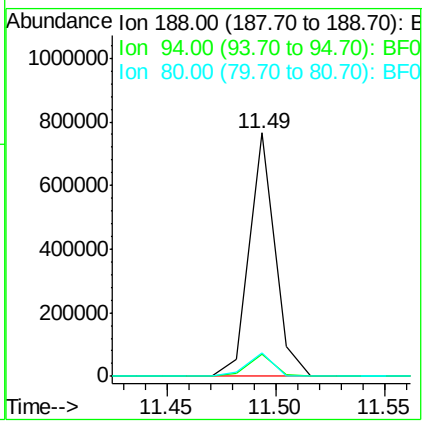


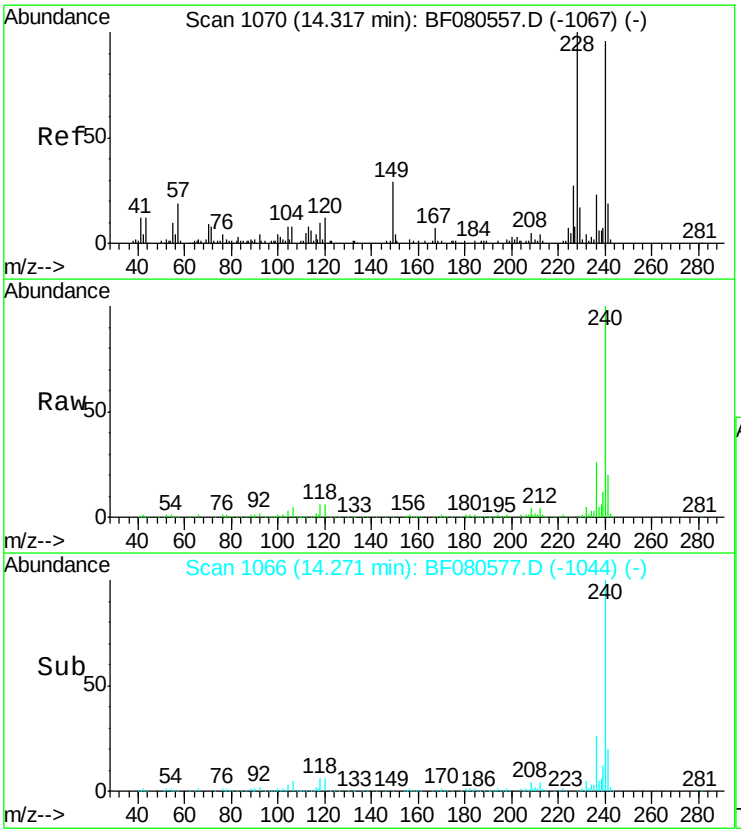
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion:188 Resp: 629151

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.1	9.1
80	9.9	7.0	10.6

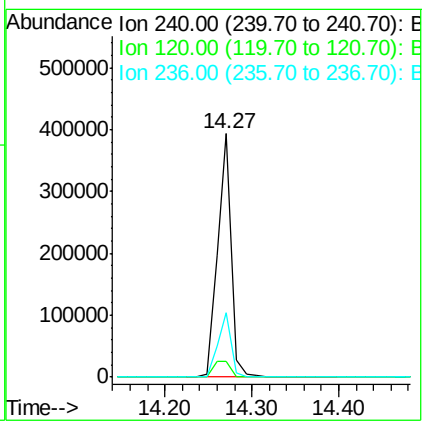


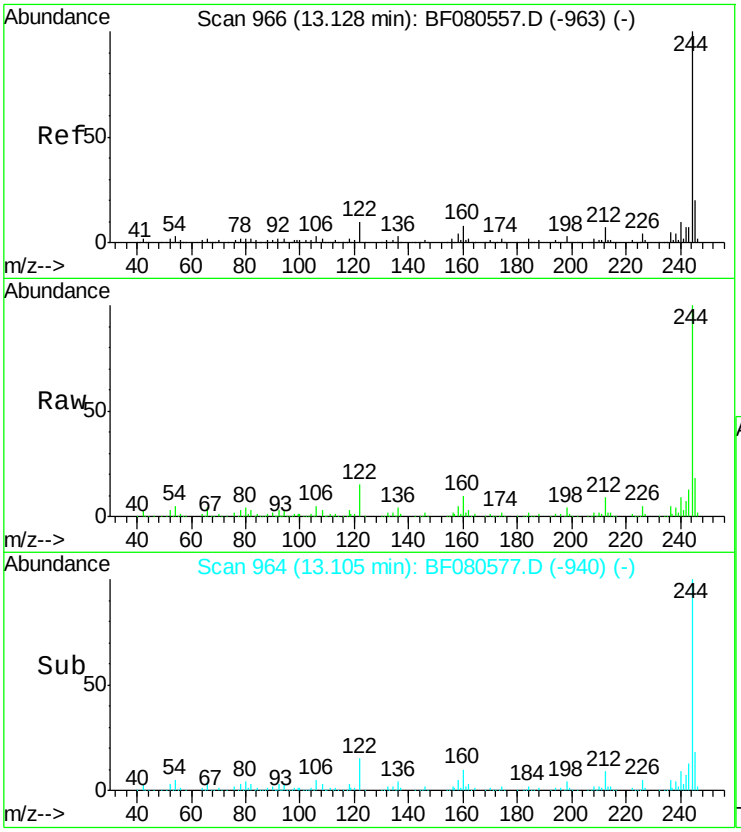


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.27 min Scan# 1066
Delta R.T. -0.05 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion:240 Resp: 434289

Ion	Ratio	Lower	Upper
240	100		
120	6.3	9.9	14.9#
236	26.3	19.1	28.7



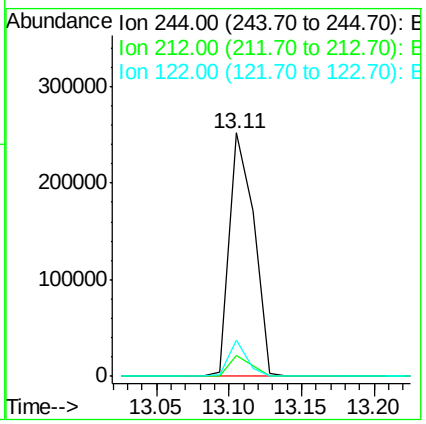


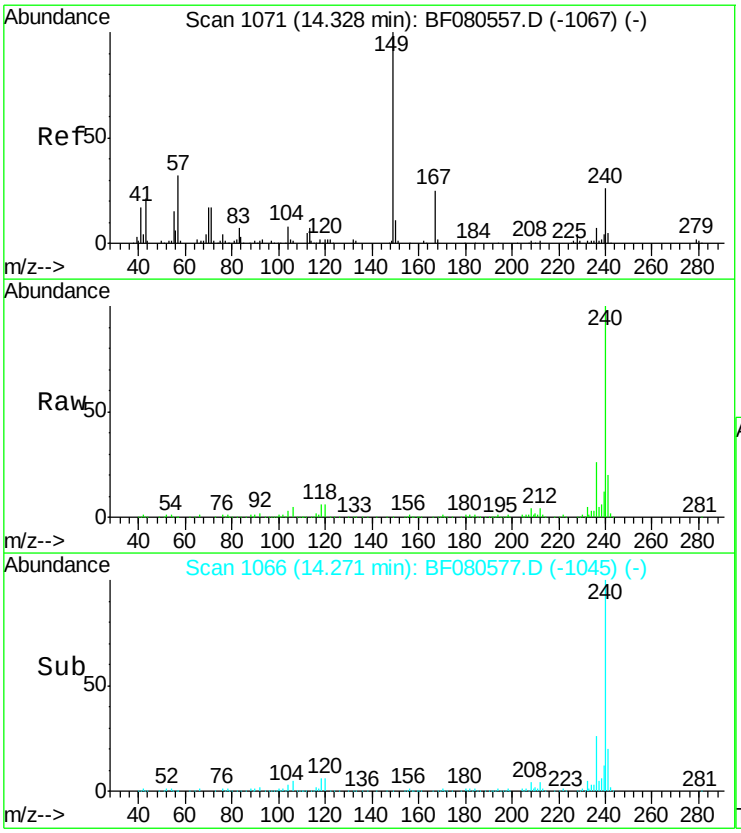
#78
Terphenyl-d14
Concen: 13.97 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion:244 Resp: 295899

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.0	9.0
122	14.9	8.2	12.2#

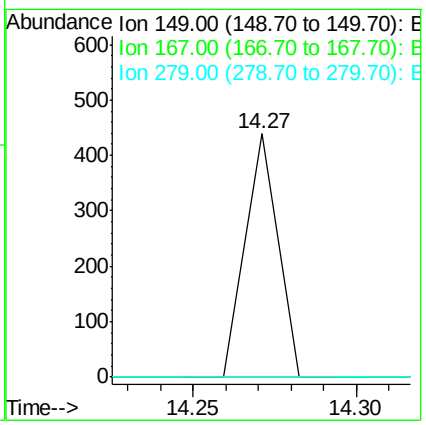


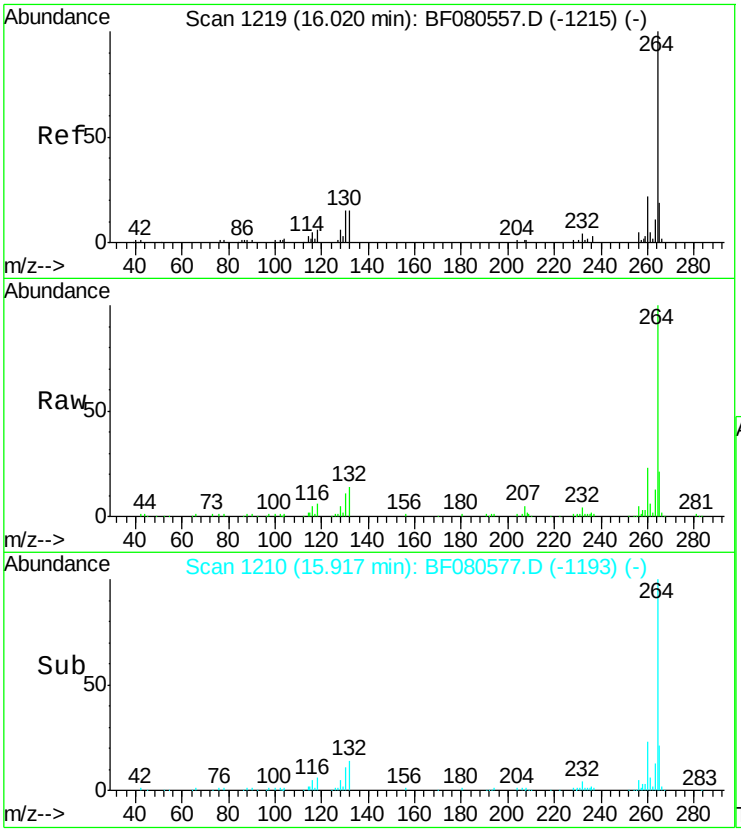


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.10 ng
RT: 14.27 min Scan# 1066
Delta R.T. -0.06 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Tgt Ion:149 Resp: 301

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.2	30.2#
279	0.0	2.0	3.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1210
Delta R.T. -0.10 min
Lab File: BF080577.D
Acq: 23 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SB-01-12.0-12.5

Tgt Ion:264 Resp: 132461

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.8	26.8
265	20.8	15.6	23.4