Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080645.D
Acq On : 25 Jul 2015 00:43
Operator : TP/UM
Sample : G3079-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3-7-22-15

Quant Time: Jul 25 05:15:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	49243	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	175589	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	94683	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	171401	20.00	ng	0.00
75) Chrysene-d12	14.18	240	138332	20.00	ng	0.02
86) Perylene-d12	15.78	264	105726	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	102020	34.88	ng	0.00
7) Phenol-d6	6.53	99	73520	21.05	ng	-0.01
23) Nitrobenzene-d5	7.49	82	152528	43.63	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	55704	65.48	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	286127	46.63	ng	-0.01
78) Terphenyl-d14	13.06	244	323881	50.41	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	5049	2.21	ng	# 65
19) n-Nitroso-di-n-propylamine	7.49	70	20894	8.29	ng	# 63
25) Isophorone	7.49	82	152254	24.83	ng	# 73
50) 2,6-Dinitrotoluene	9.97	165	12287	10.16	ng	# 1
56) 2,4-Dinitrotoluene	9.97	165	12288	7.69	ng	# 2
66) 4-Bromophenyl-phenylether	10.76	248	3461	2.14	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
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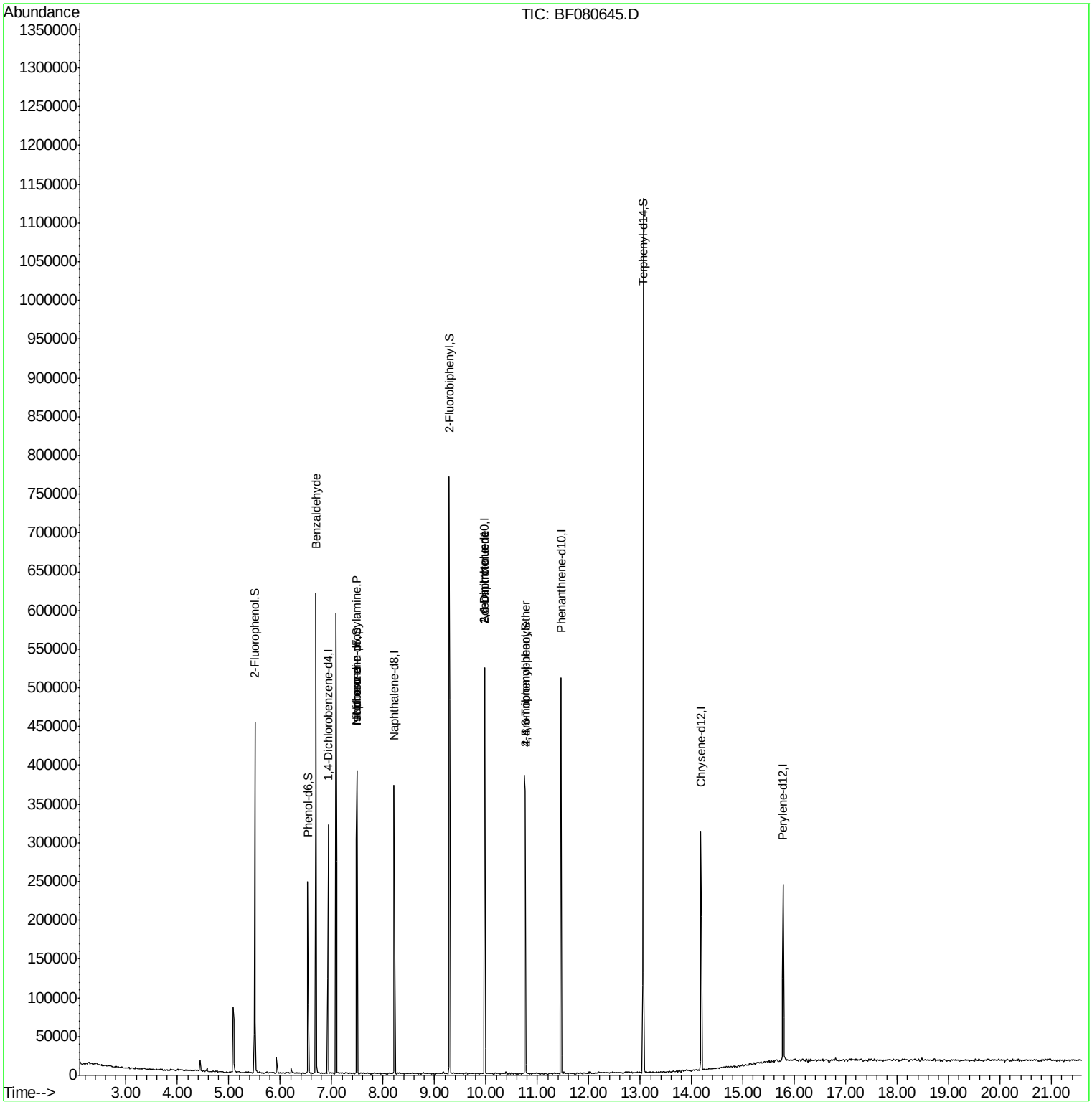
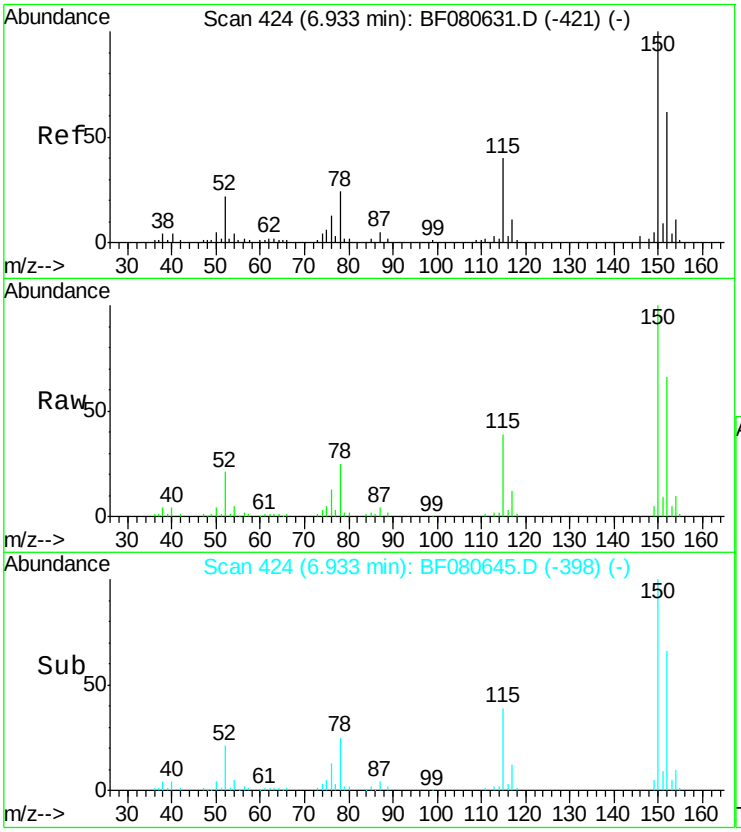


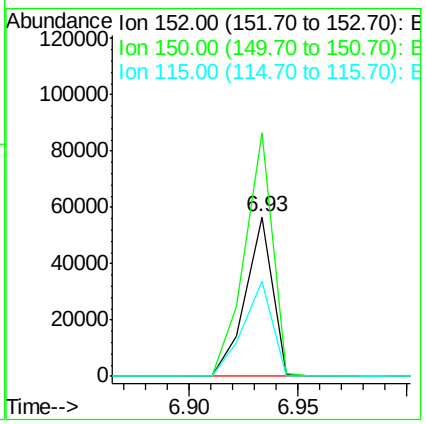


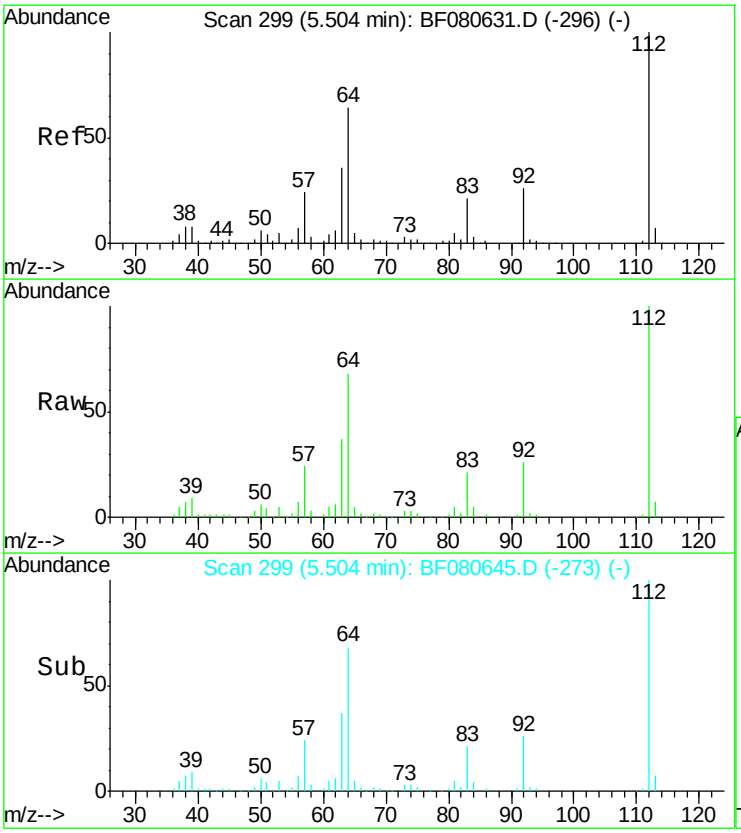
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion:152 Resp: 49243

Ion	Ratio	Lower	Upper
152	100		
150	152.4	128.9	193.3
115	59.2	51.0	76.6

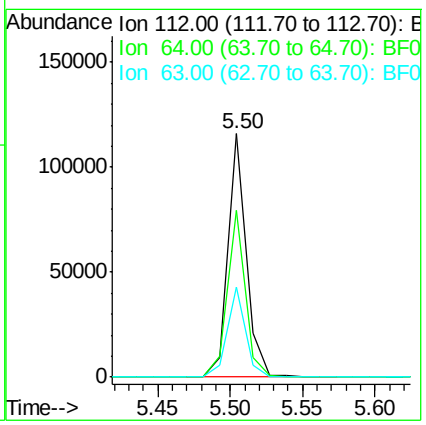


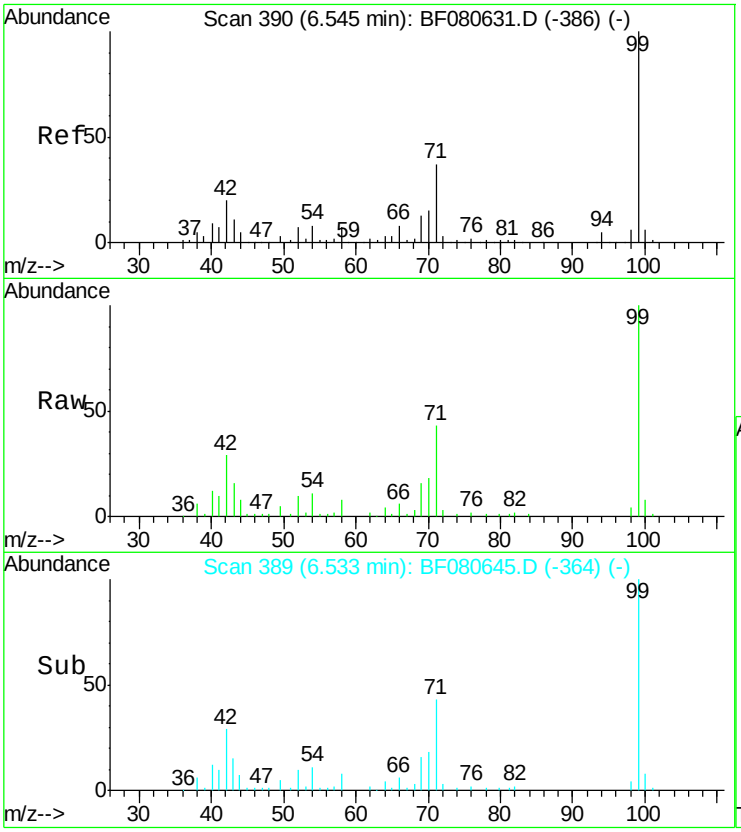


#5
2-Fluorophenol
Concen: 34.88 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.00 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion:112 Resp: 102020

Ion	Ratio	Lower	Upper
112	100		
64	68.5	51.2	76.8
63	37.0	29.0	43.6



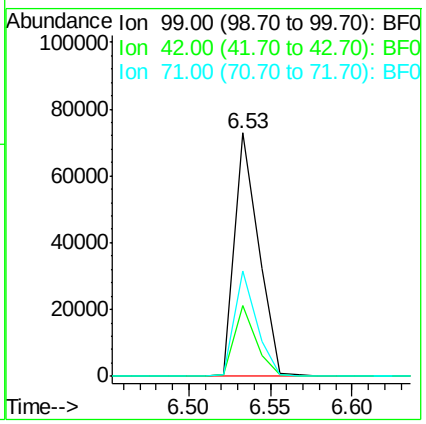


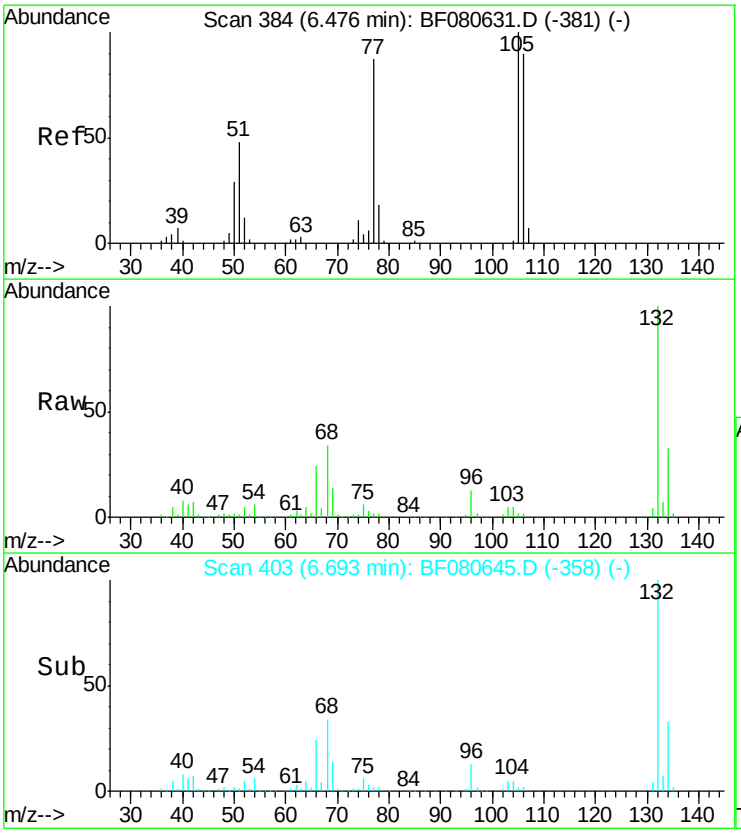
#7
Phenol-d6
Concen: 21.05 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion: 99 Resp: 73520

Ion	Ratio	Lower	Upper
99	100		
42	29.3	16.3	24.5#
71	43.3	29.7	44.5

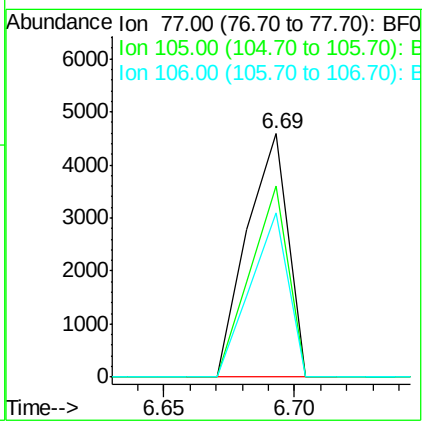


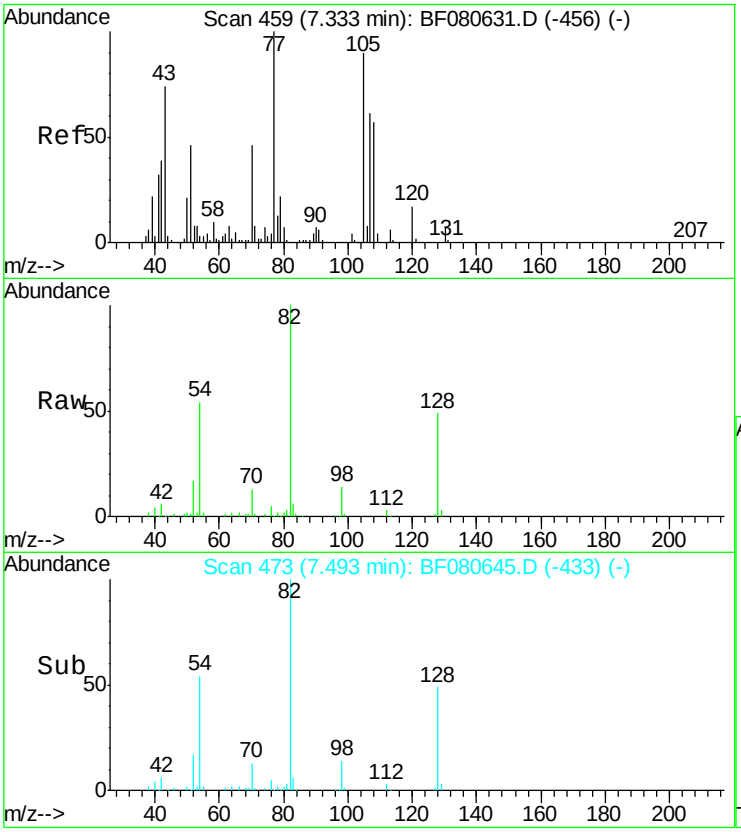


#9
Benzaldehyde
Concen: 2.21 ng
RT: 6.69 min Scan# 403
Delta R.T. 0.22 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion: 77 Resp: 5049

Ion	Ratio	Lower	Upper
77	100		
105	78.3	94.7	134.7#
106	67.2	83.4	123.4#



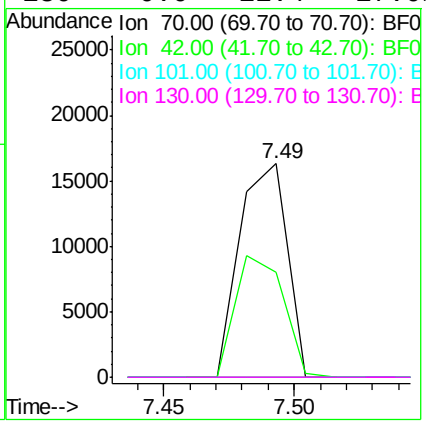


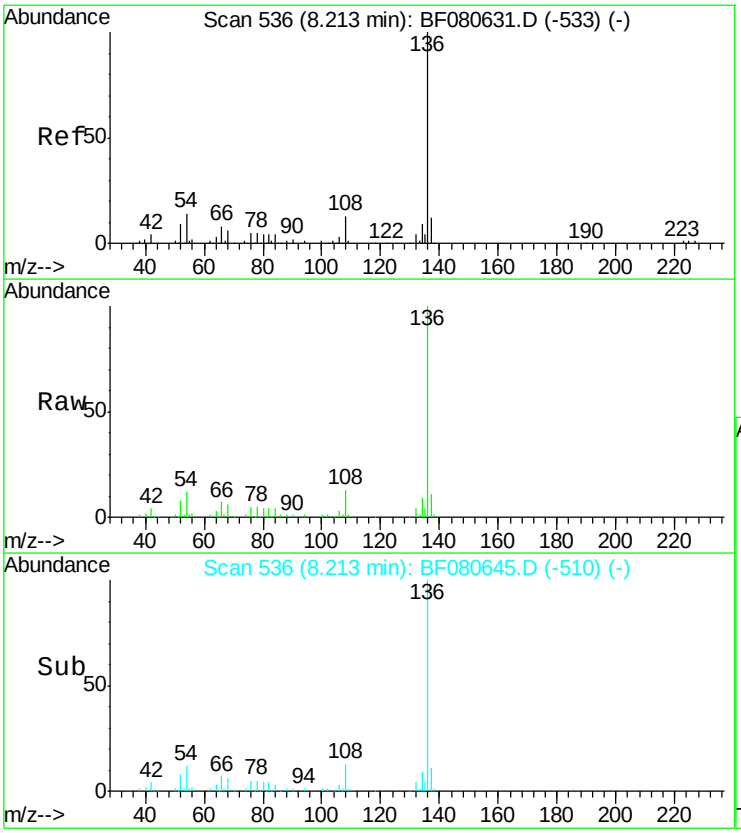
#19
n-Nitroso-di-n-propylamine
Concen: 8.29 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion: 70 Resp: 20894

Ion	Ratio	Lower	Upper
70	100		
42	49.3	67.8	101.8#
101	0.0	6.6	9.8#
130	0.0	11.4	17.0#

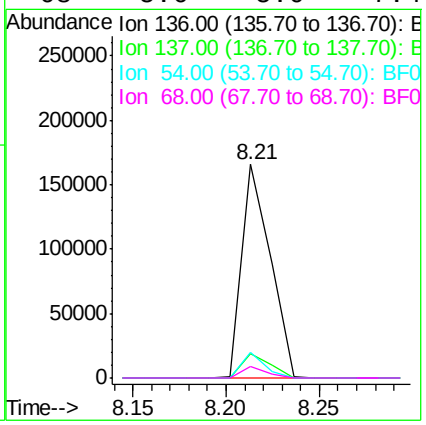


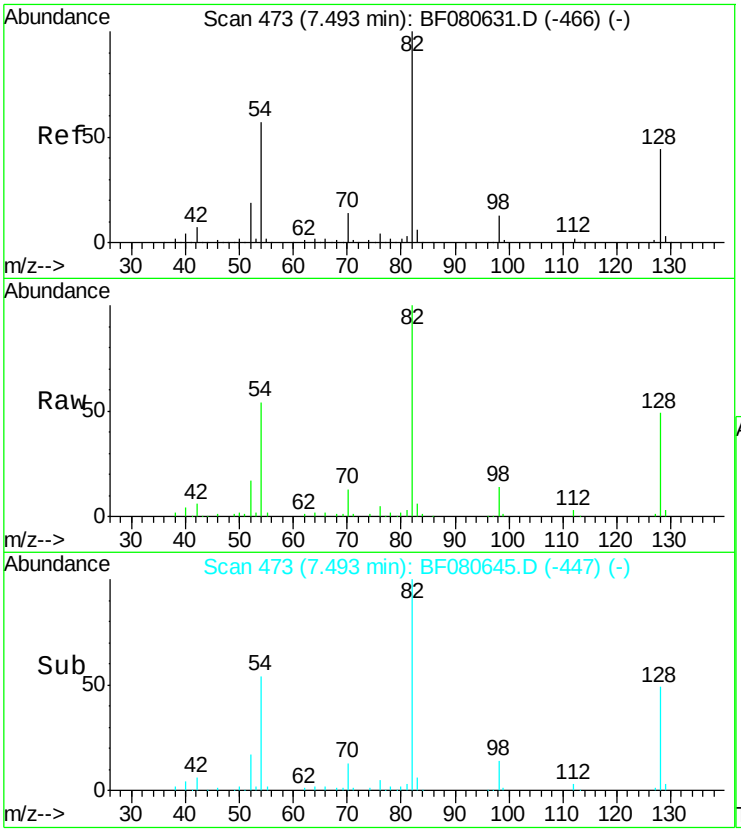


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion:136 Resp: 175589

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	11.9	11.6	17.4
68	5.6	5.0	7.4



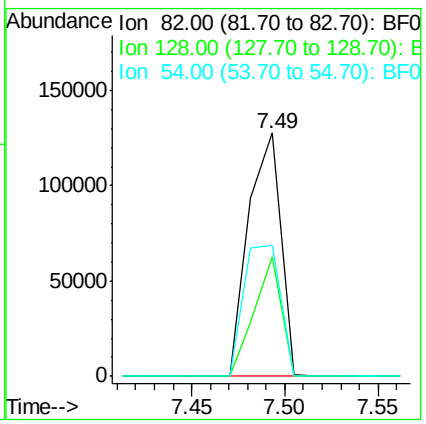


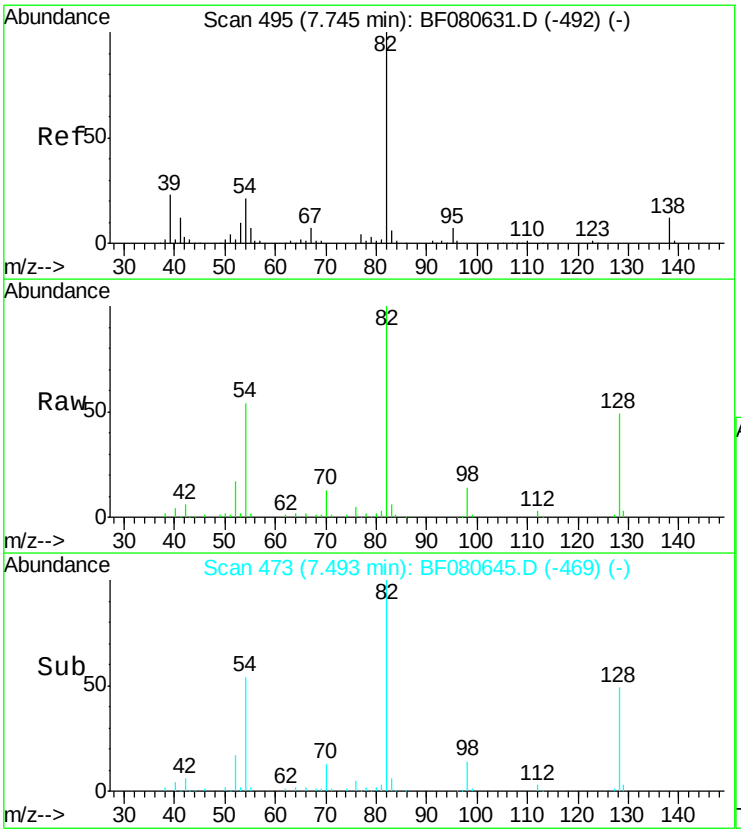
#23
Nitrobenzene-d5
Concen: 43.63 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion: 82 Resp: 152528

Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.8	52.2
54	53.7	45.4	68.0

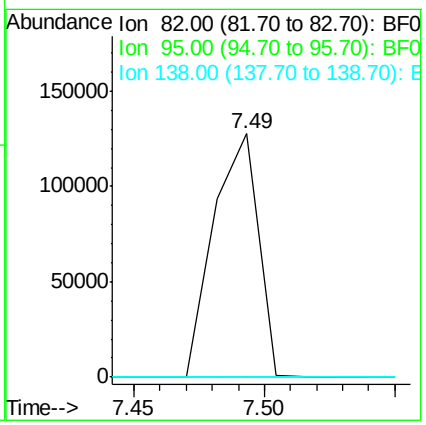


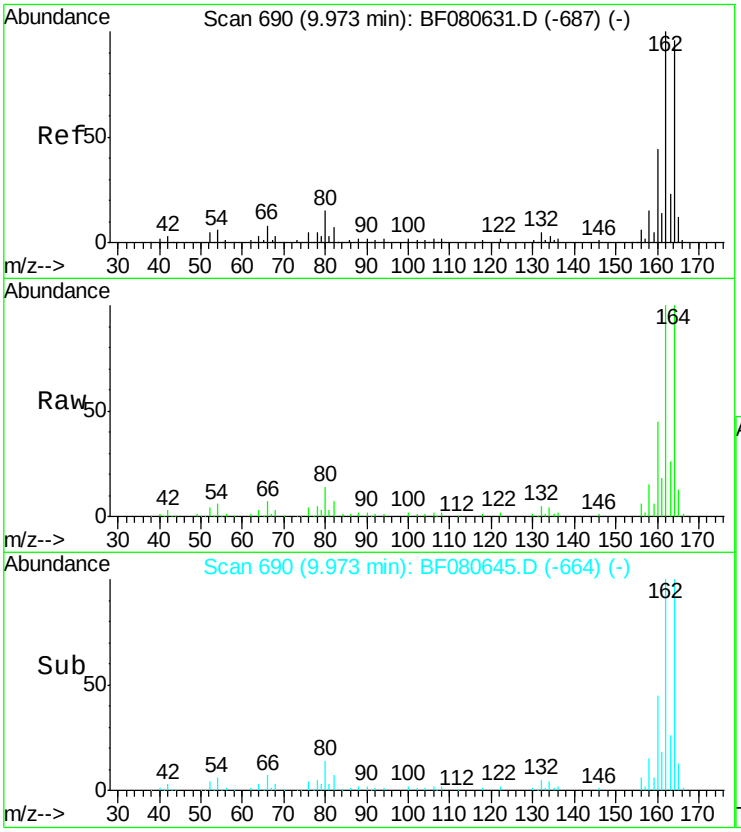


#25
Isophorone
Concen: 24.83 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.25 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion: 82 Resp: 152254

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	9.7	14.5#



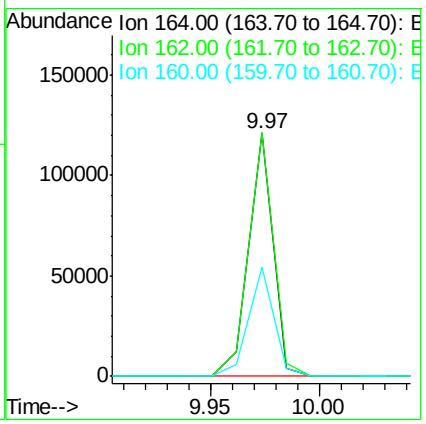


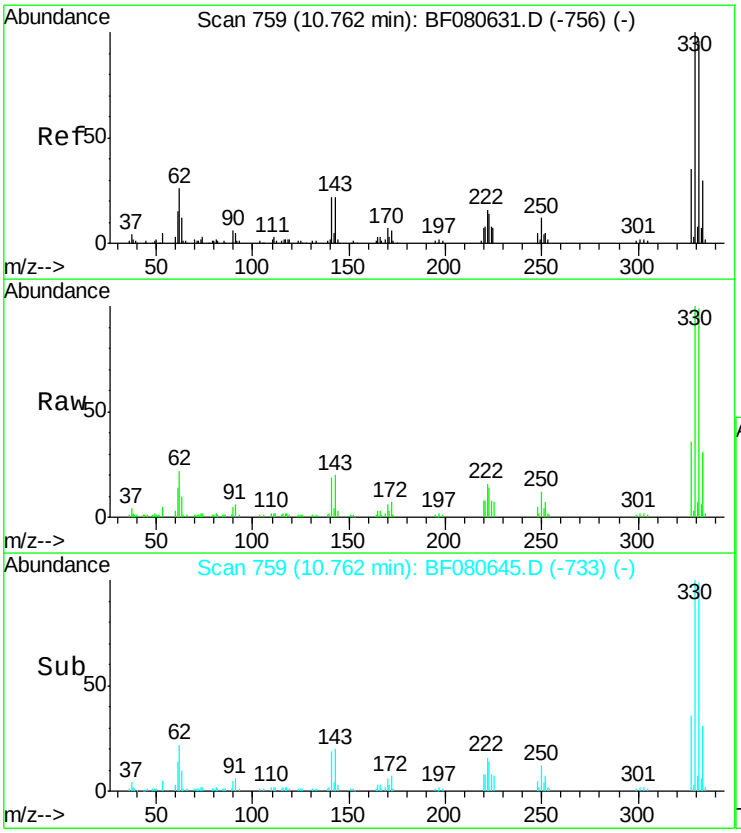
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion:164 Resp: 94683

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.3	124.9
160	45.0	36.9	55.3

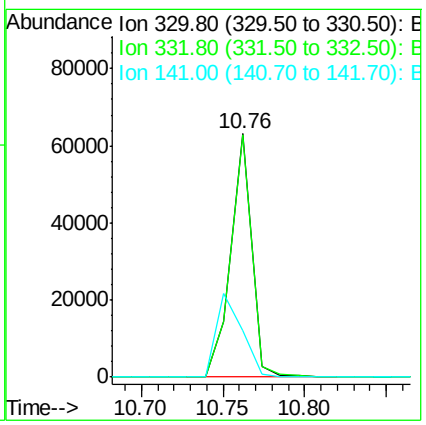


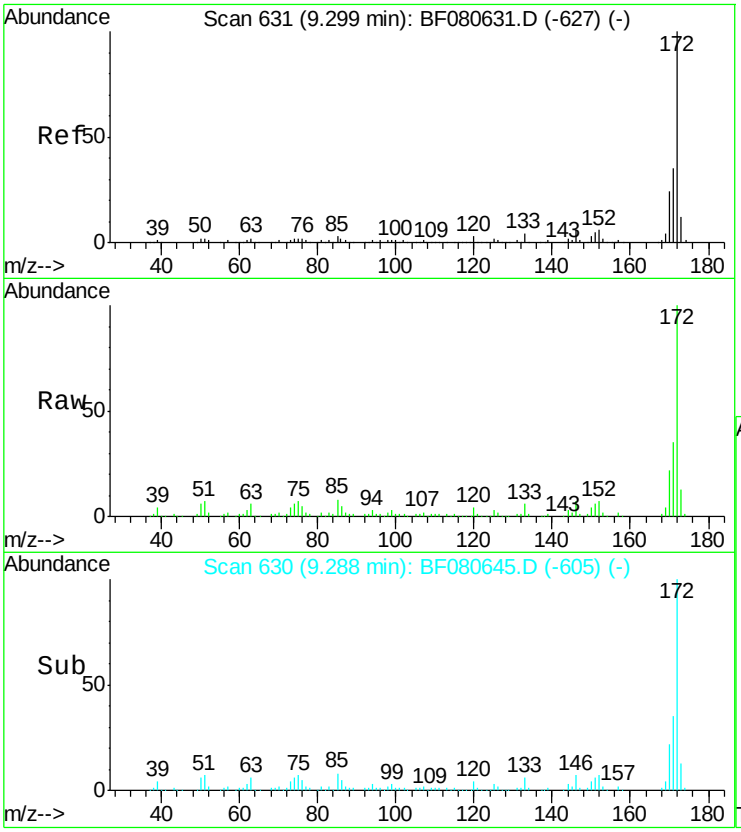


#41
2,4,6-Tribromophenol
Concen: 65.48 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion:330 Resp: 55704

Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.7	115.1
141	42.7	32.7	49.1



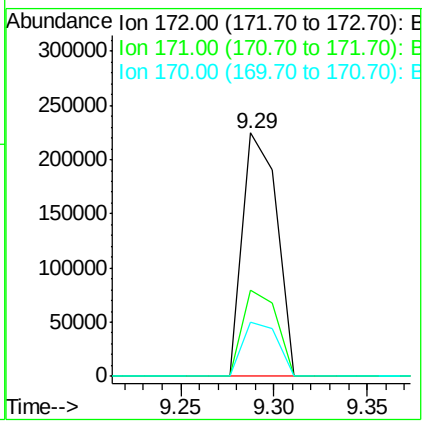


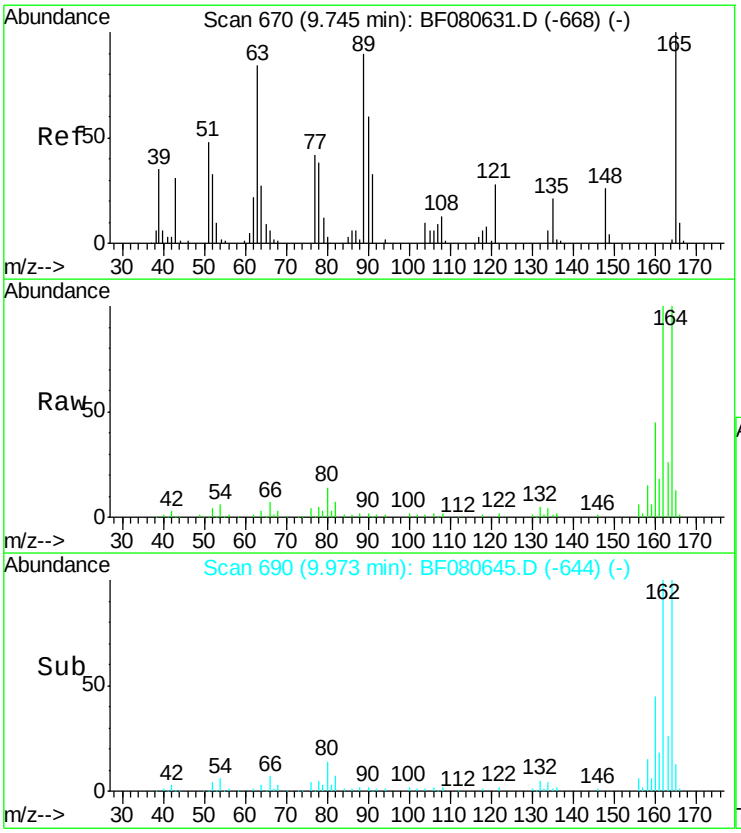
#44
2-Fluorobiphenyl
Concen: 46.63 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion:172 Resp: 286127

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.7	41.5
170	22.2	19.0	28.4

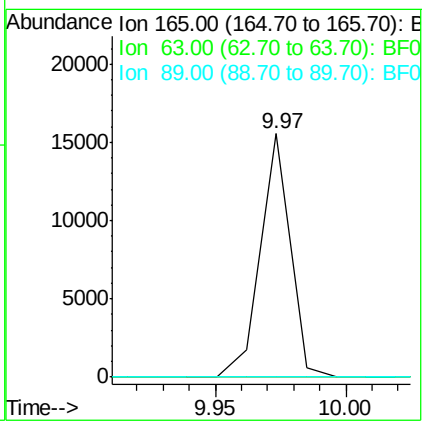


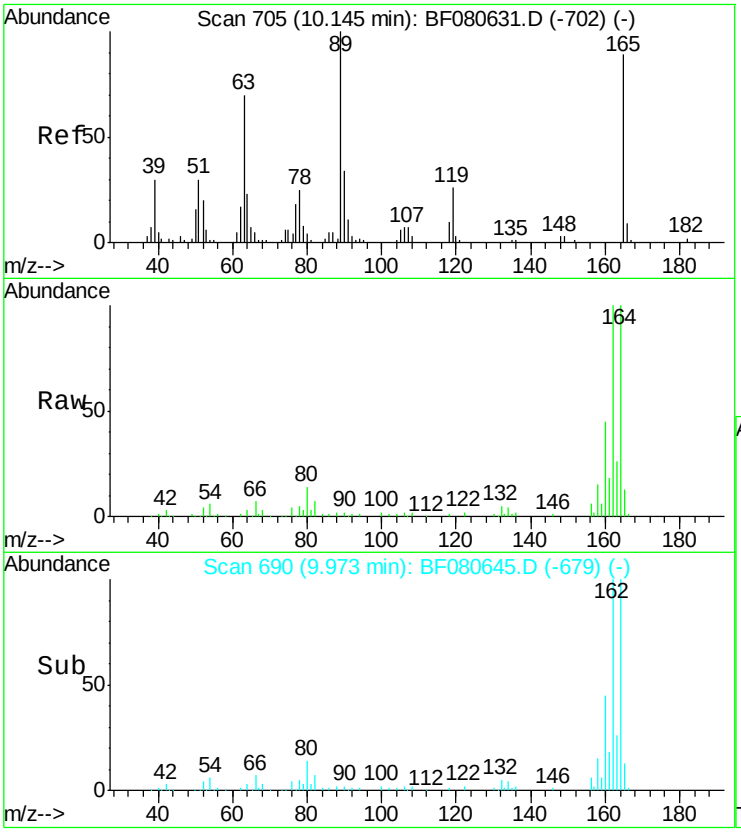


#50
2,6-Dinitrotoluene
Concen: 10.16 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.23 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion:165 Resp: 12287

Ion	Ratio	Lower	Upper
165	100		
63	0.0	84.0	126.0#
89	0.0	71.7	107.5#



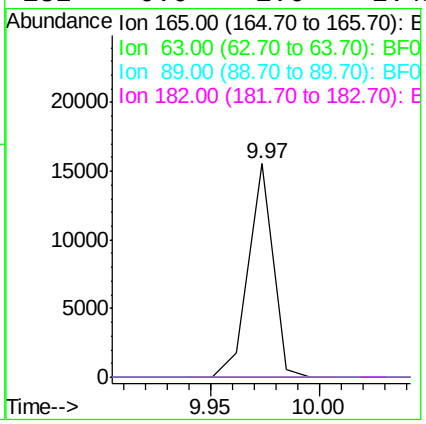


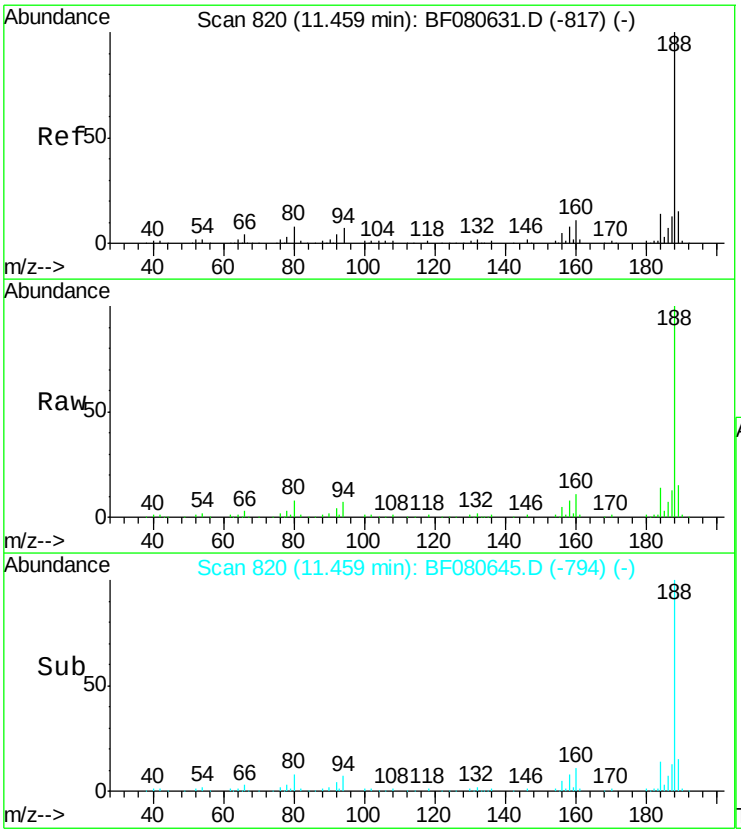
#56
2,4-Dinitrotoluene
Concen: 7.69 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.17 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion:165 Resp: 12288

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.0	94.4#
89	0.0	90.2	135.2#
182	0.0	1.6	2.4#

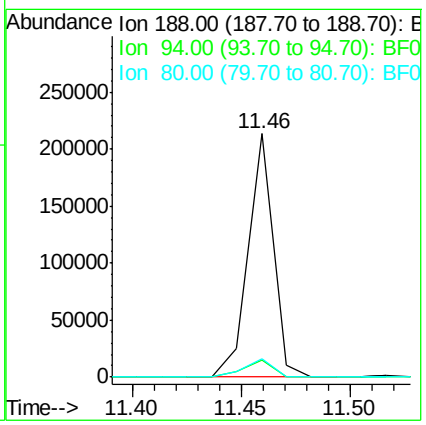


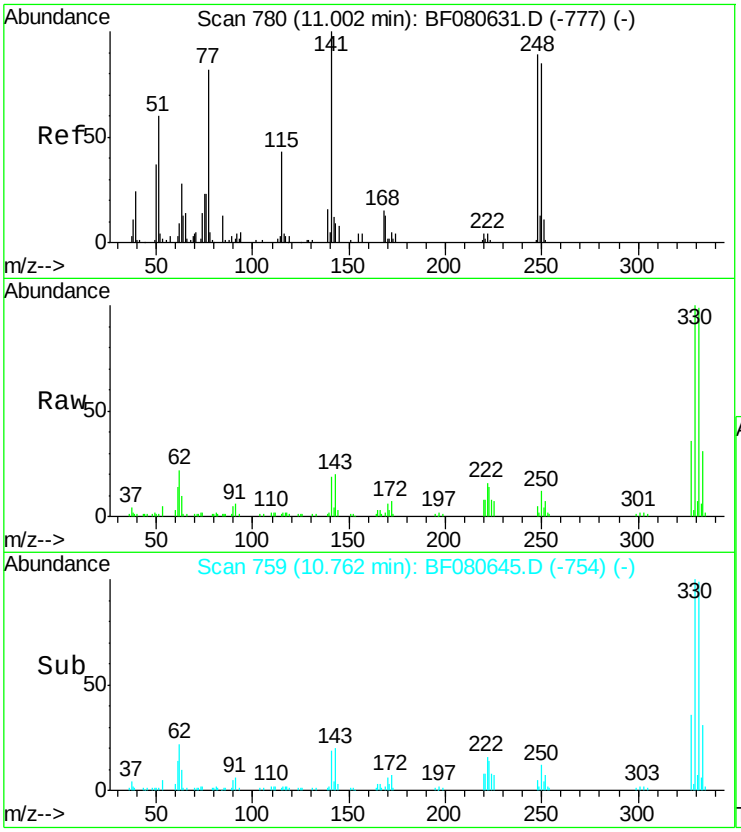


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion:188 Resp: 171401

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.6	8.4
80	7.8	6.1	9.1



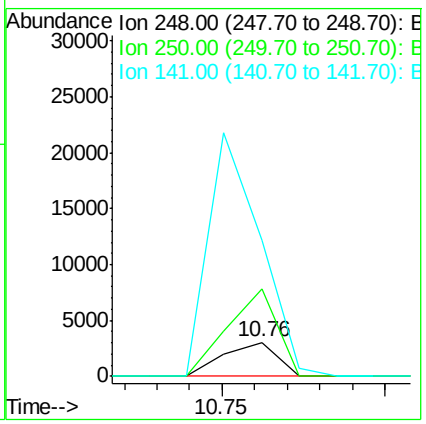


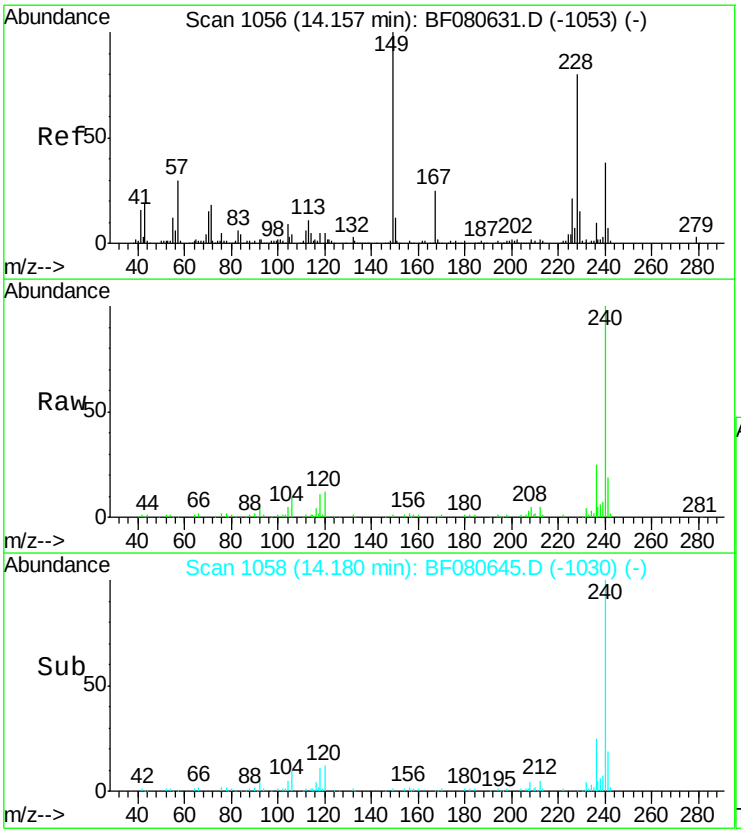
#66
4-Bromophenyl-phenylether
Concen: 2.14 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.24 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion:248 Resp: 3461

Ion	Ratio	Lower	Upper
248	100		
250	256.0	76.6	114.8#
141	398.7	90.0	135.0#

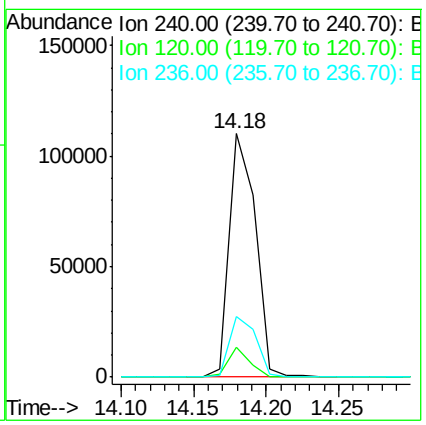


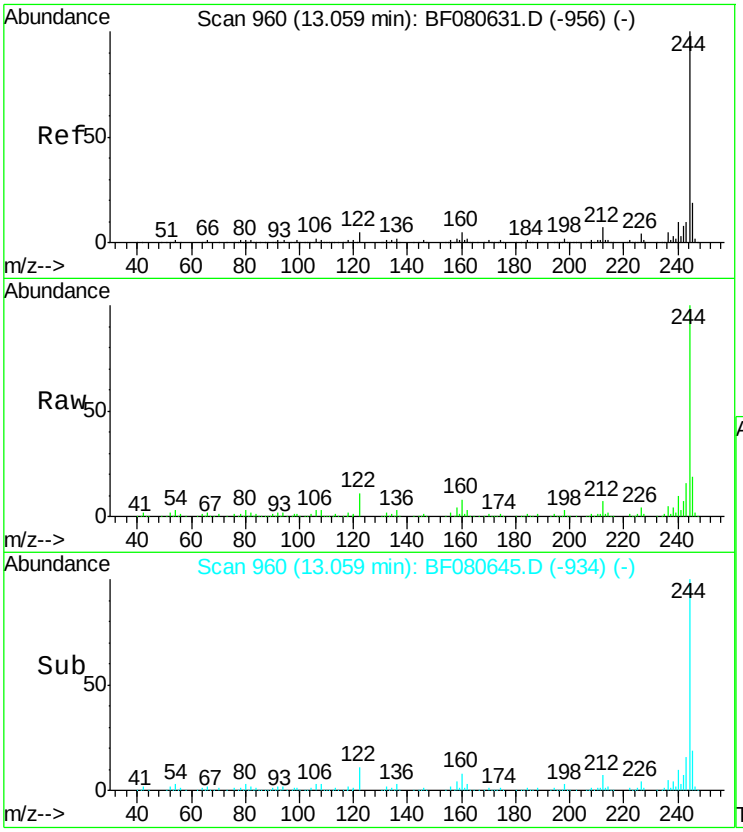


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1058
Delta R.T. 0.02 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion:240 Resp: 138332

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.8	16.2
236	24.7	20.3	30.5



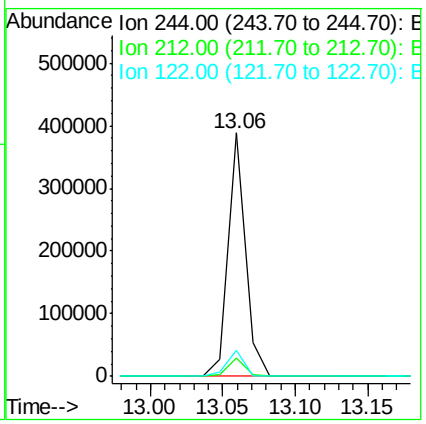


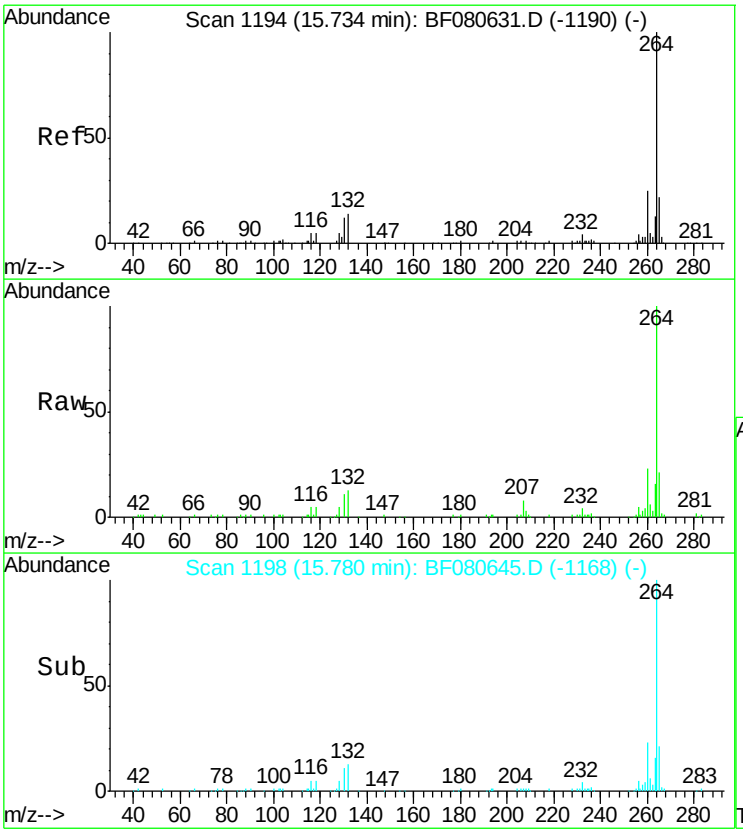
#78
Terphenyl-d14
Concen: 50.41 ng
RT: 13.06 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Instrument :
BNA_F
ClientSampleId :
MW-3-7-22-15

Tgt Ion:244 Resp: 323881

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.2	7.8
122	10.7	4.1	6.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1198
Delta R.T. 0.05 min
Lab File: BF080645.D
Acq: 25 Jul 2015 00:43

Tgt Ion:264 Resp: 105726

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.1	30.1
265	20.8	17.4	26.0