Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-7-22-15

Quant Time: Jul 27 01:16:59 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	55597	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	213606	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	121433	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	230239	20.00	ng		0.00
75) Chrysene-d12	14.25	240	210250	20.00	ng		0.09
86) Perylene-d12	15.91	264	186933	20.00	ng		0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	177924	53.89	ng		0.00
7) Phenol-d6	6.54	99	133375	33.82	ng		0.00
23) Nitrobenzene-d5	7.49	82	306803	72.13	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	132248	121.22	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	539224	68.51	ng		0.00
78) Terphenyl-d14	13.08	244	684330	70.08	ng		0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	13505	5.24	ng	#	1
15) Benzyl Alcohol	7.08	79	6686	2.04	ng		88
18) Hexachloroethane	7.42	117	5308	3.35	ng	#	1
19) n-Nitroso-di-n-propylamine	7.49	70	41965	14.75	ng	#	67
22) Acetophenone	7.33	105	26381	4.76	ng	#	46
25) Isophorone	7.49	82	306354	41.07	ng	#	73
31) Naphthalene	8.24	128	68421	6.39	ng		96
32) Benzoic acid	7.86	122	5139	8.89	ng	#	18
33) 4-Chloroaniline	8.24	127	11041	2.35	ng	#	35
37) 2-Methylnaphthalene	9.02	142	68177	8.94	ng		94
49) Dimethylphthalate	9.69	163	17900	2.06	ng	#	97
50) 2,6-Dinitrotoluene	9.97	165	16725	10.79	ng	#	5
56) 2,4-Dinitrotoluene	9.97	165	16725	8.16	ng	#	6
66) 4-Bromophenyl-phenylether	10.76	248	8227	3.79	ng	#	1
71) Anthracene	11.57	178	35284	2.88	ng	#	47

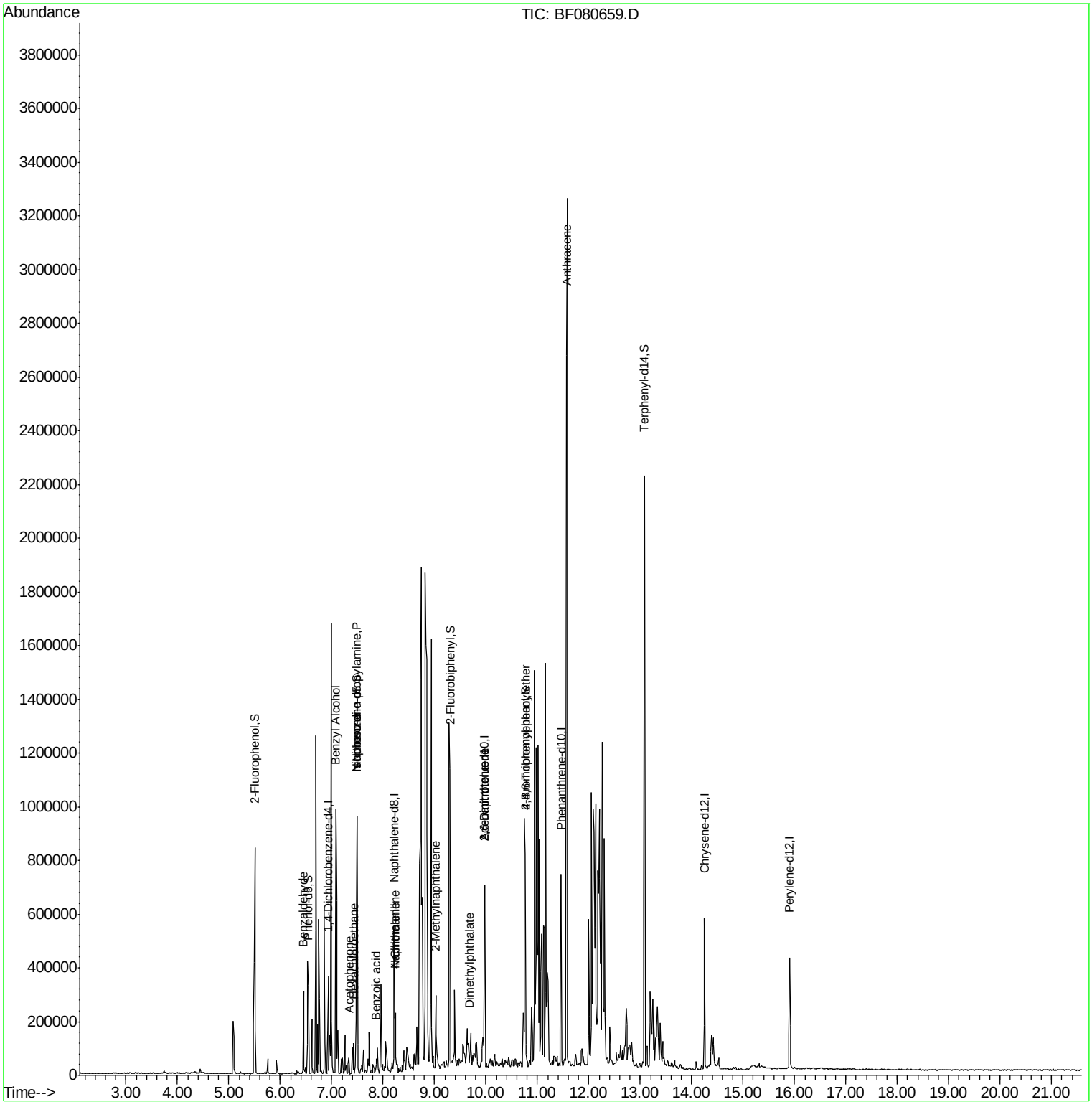
(#) = qualifier out of range (m) = manual integration (+) = signals summed

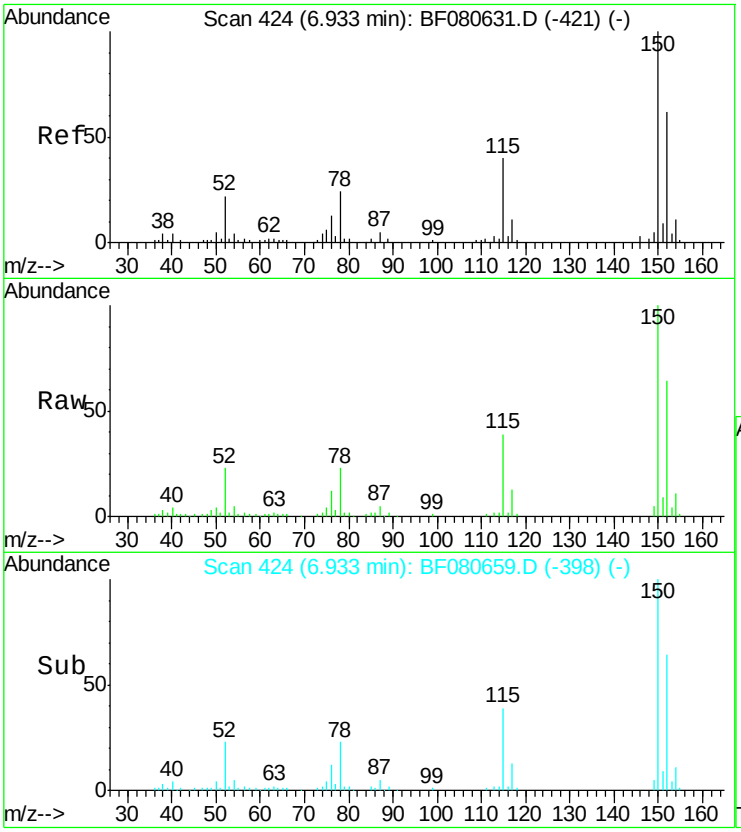
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Quant Time: Jul 27 01:16:59 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



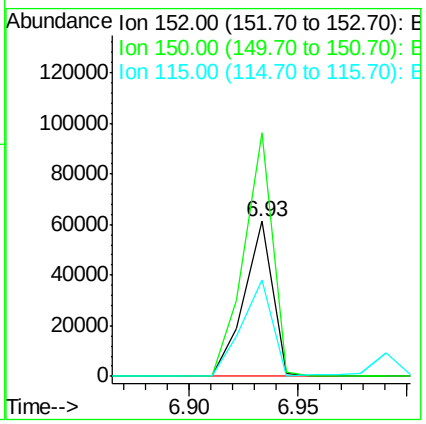


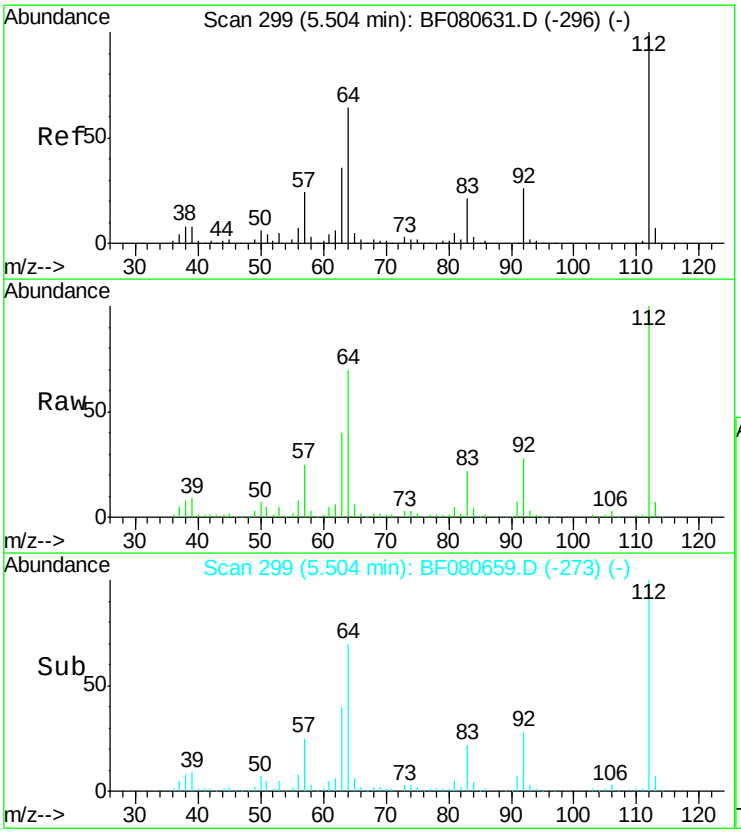
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:152 Resp: 55597

Ion	Ratio	Lower	Upper
152	100		
150	157.2	128.9	193.3
115	62.0	51.0	76.6

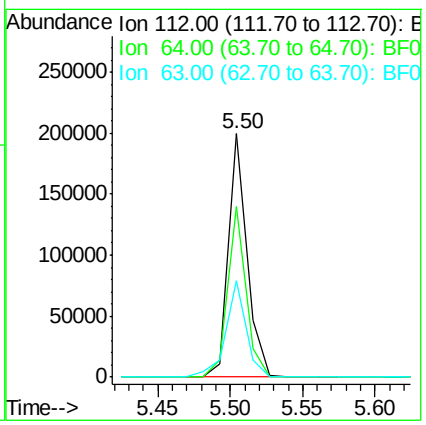


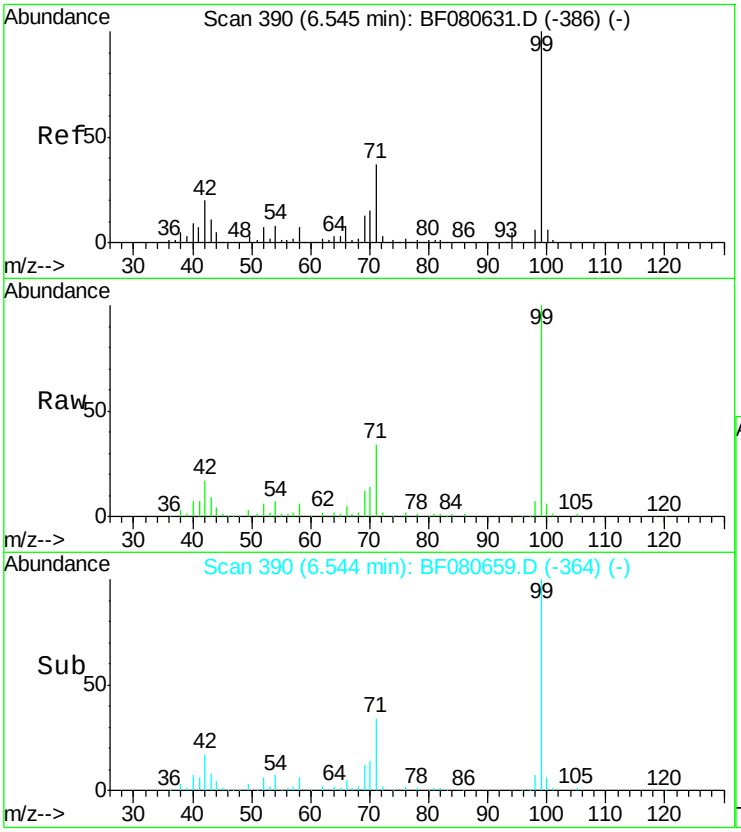


#5
2-Fluorophenol
Concen: 53.89 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:112 Resp: 177924

Ion	Ratio	Lower	Upper
112	100		
64	70.0	51.2	76.8
63	39.8	29.0	43.6



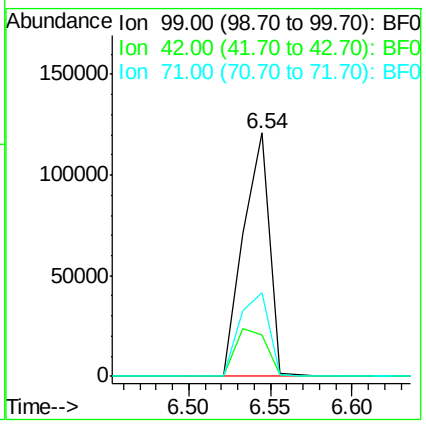


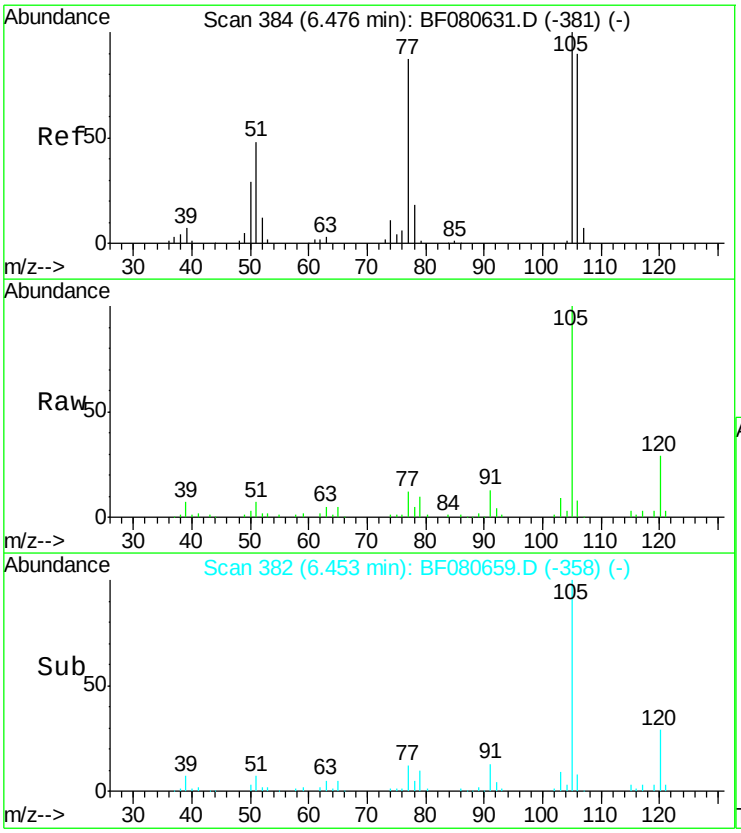
#7
Phenol-d6
Concen: 33.82 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion: 99 Resp: 133375

Ion	Ratio	Lower	Upper
99	100		
42	17.2	16.3	24.5
71	34.3	29.7	44.5

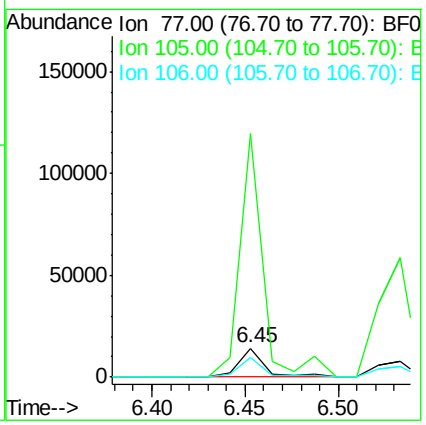


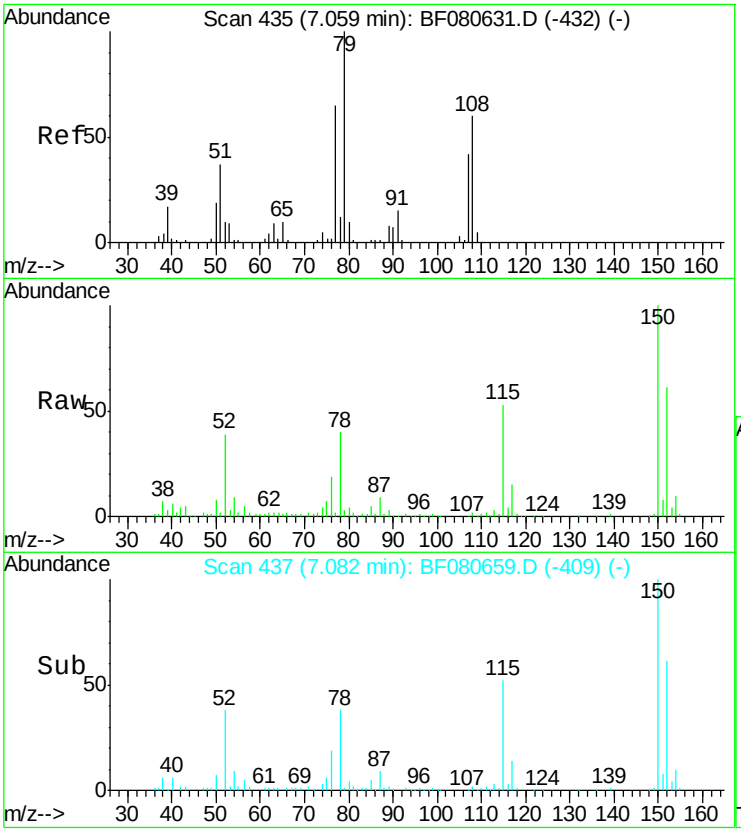


#9
Benzaldehyde
Concen: 5.24 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion: 77 Resp: 13505

Ion	Ratio	Lower	Upper
77	100		
105	837.0	94.7	134.7#
106	66.2	83.4	123.4#



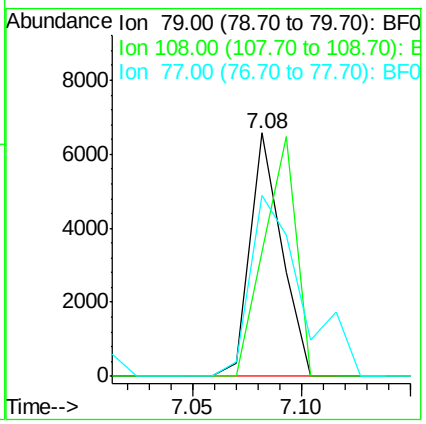


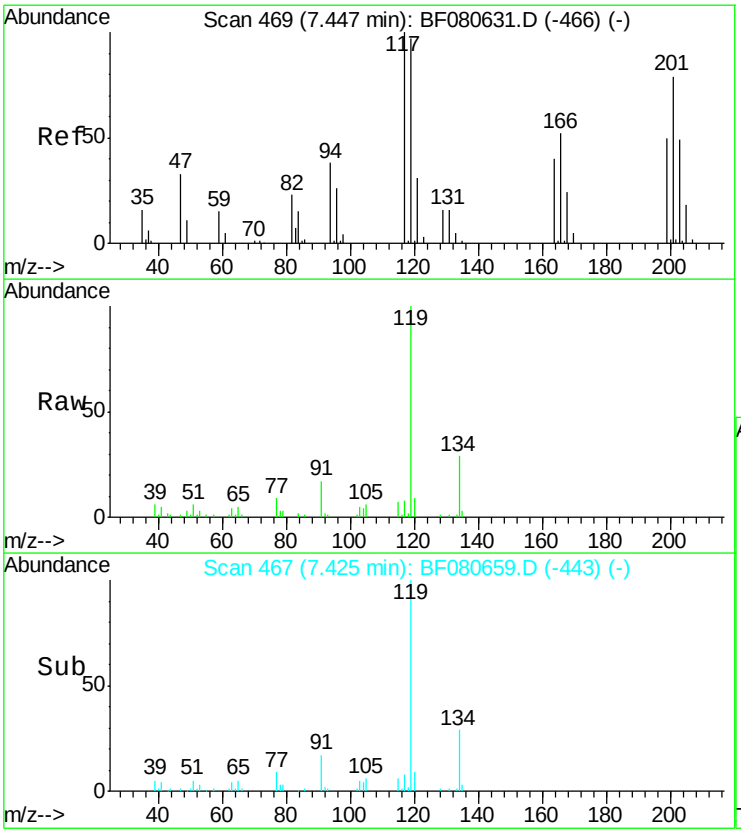
#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.02 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion: 79 Resp: 6686

Ion	Ratio	Lower	Upper
79	100		
108	51.4	47.8	71.8
77	74.0	51.6	77.4

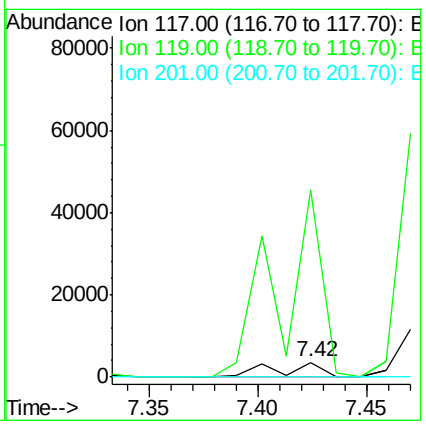


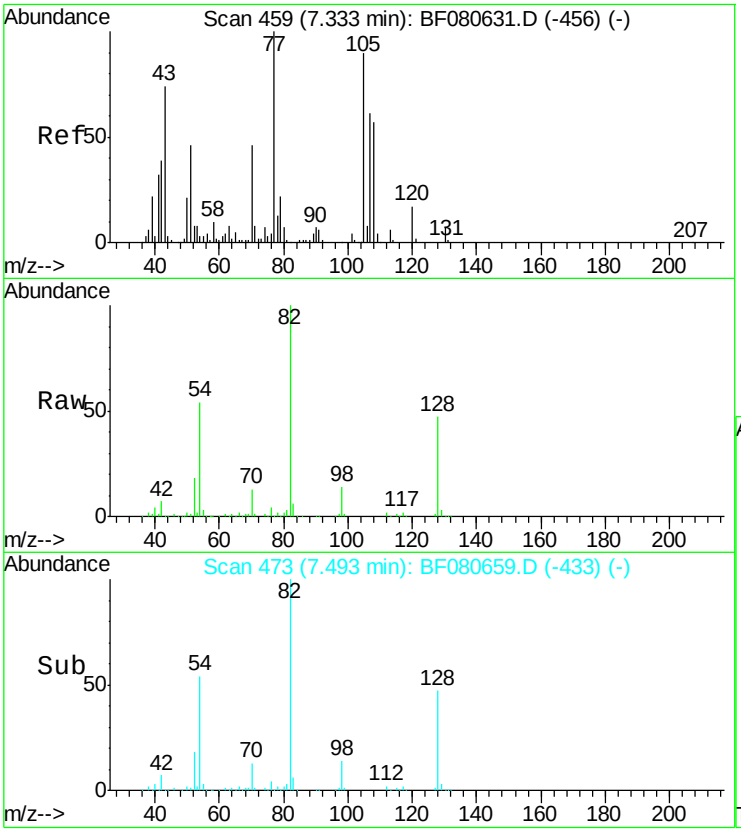


#18
Hexachloroethane
Concen: 3.35 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:117 Resp: 5308

Ion	Ratio	Lower	Upper
117	100		
119	1259.9	77.4	116.2#
201	0.0	62.9	94.3#



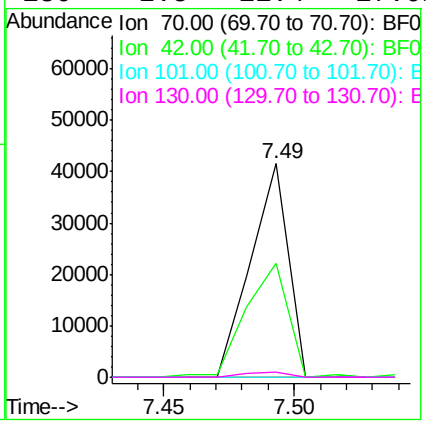


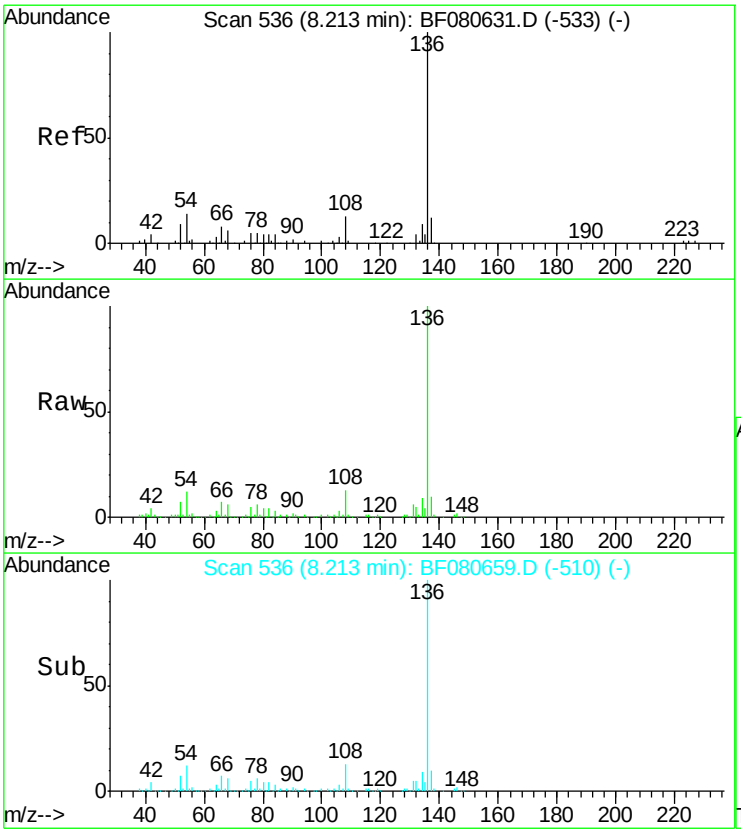
#19
n-Nitroso-di-n-propylamine
Concen: 14.75 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion: 70 Resp: 41965

Ion	Ratio	Lower	Upper
70	100		
42	53.5	67.8	101.8#
101	0.0	6.6	9.8#
130	2.5	11.4	17.0#

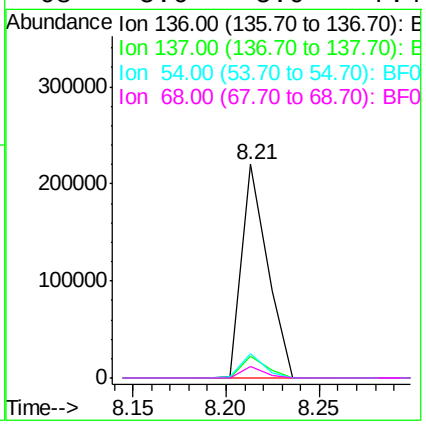


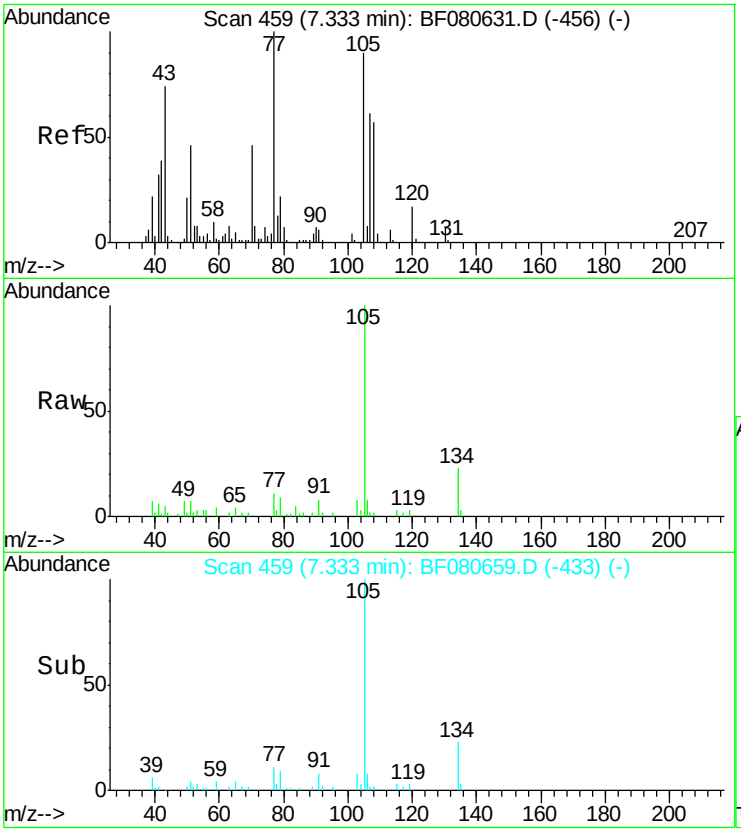


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:136 Resp: 213606

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.3	13.9
54	11.7	11.6	17.4
68	5.6	5.0	7.4



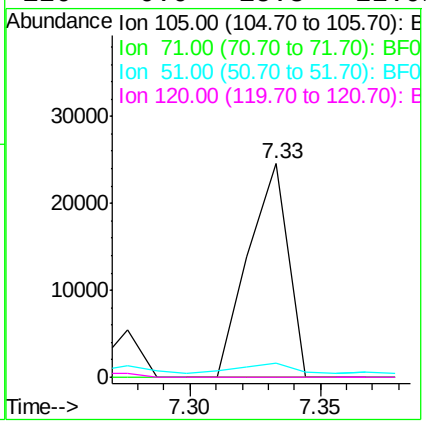


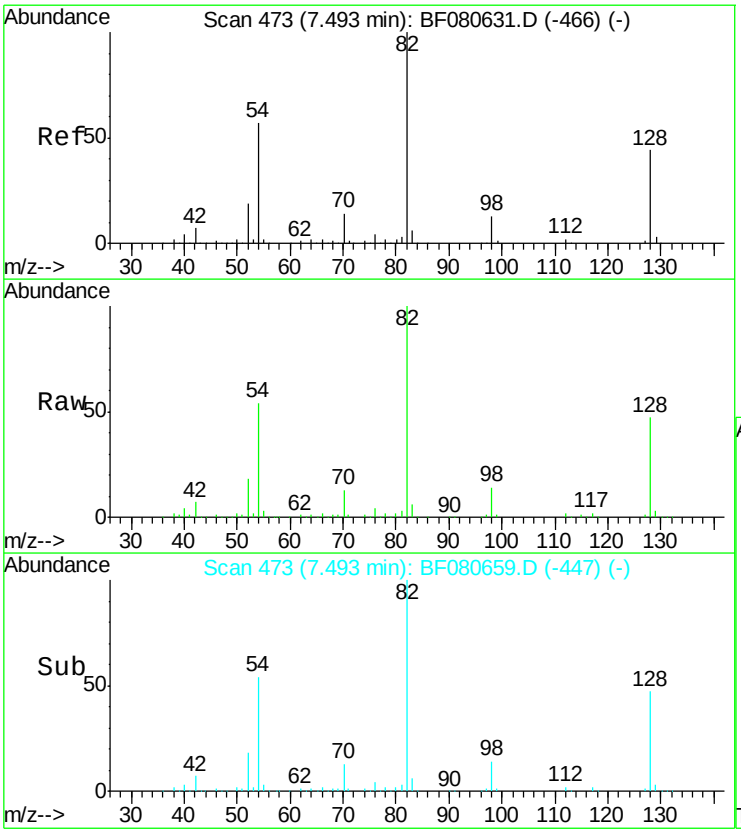
#22
Acetophenone
Concen: 4.76 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:105 Resp: 26381

Ion	Ratio	Lower	Upper
105	100		
71	0.0	7.2	10.8#
51	6.7	40.8	61.2#
120	0.0	15.3	22.9#

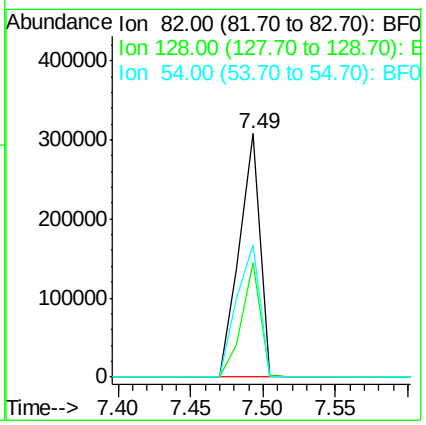


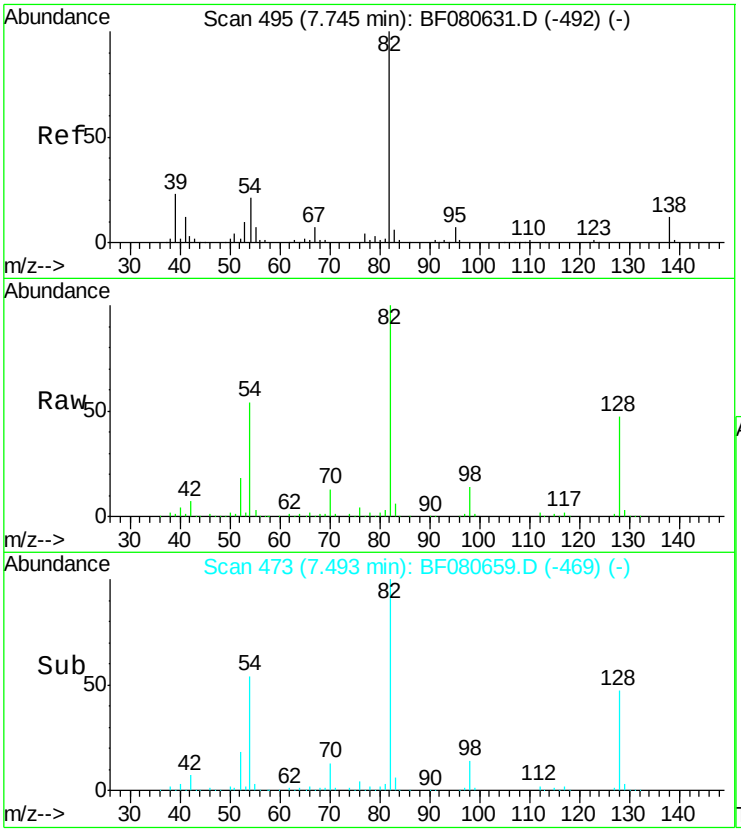


#23
Nitrobenzene-d5
Concen: 72.13 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion: 82 Resp: 306803

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.8	52.2
54	54.5	45.4	68.0



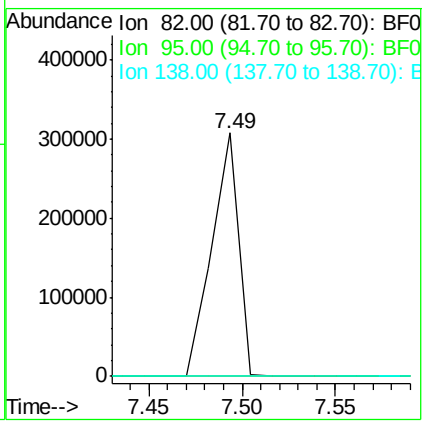


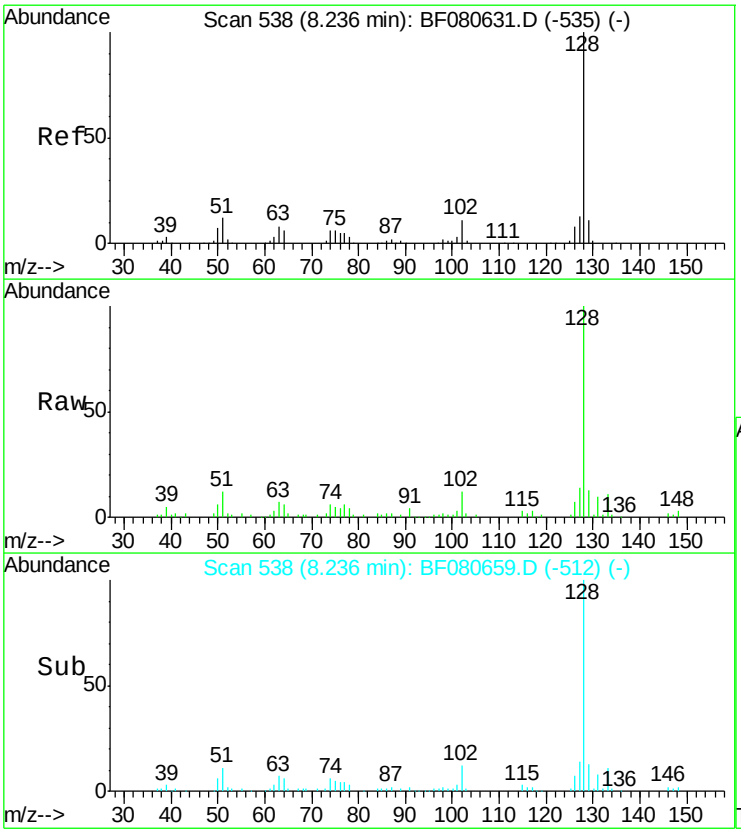
#25
Isophorone
Concen: 41.07 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.25 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion: 82 Resp: 306354

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

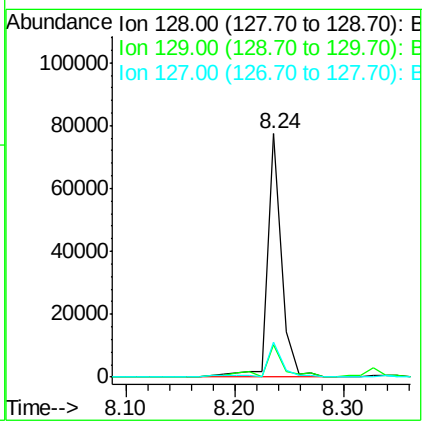


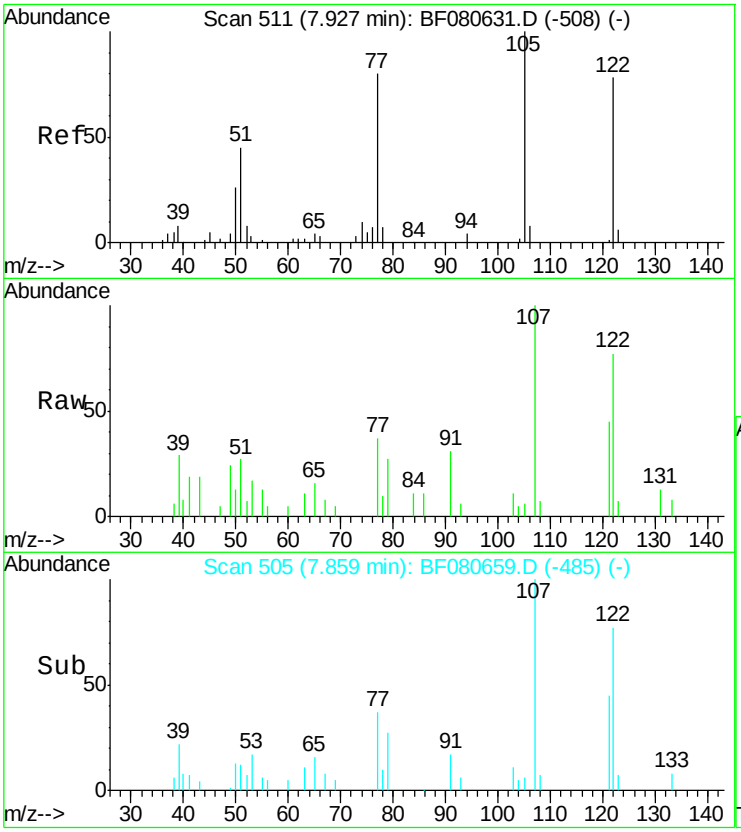


#31
Naphthalene
Concen: 6.39 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:128 Resp: 68421

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.0	13.6
127	14.5	10.6	15.8



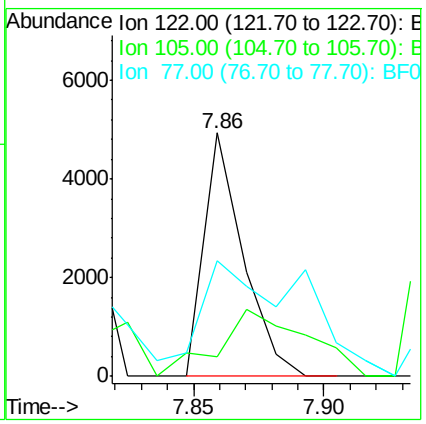


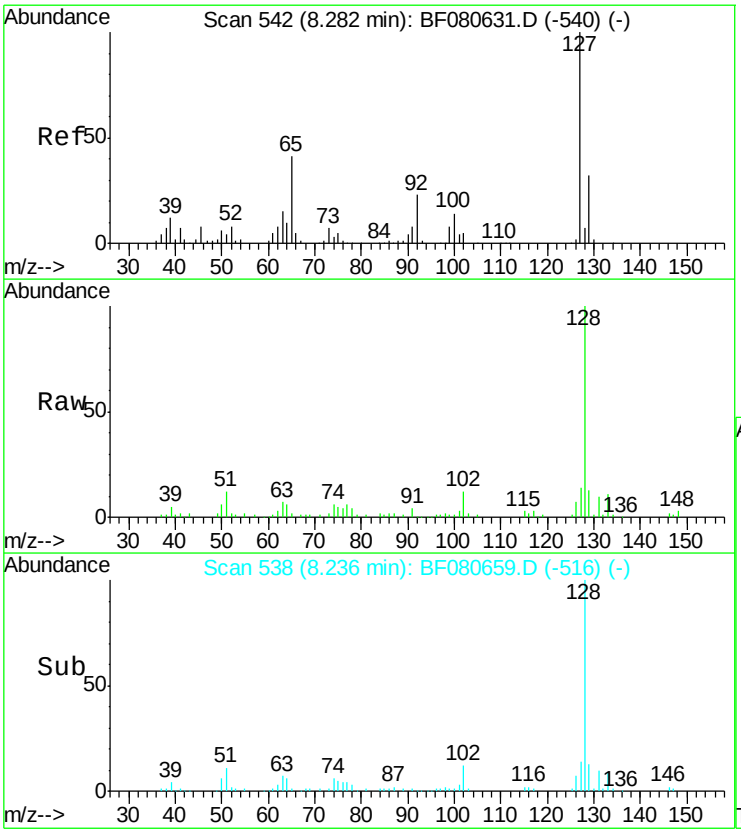
#32
Benzoic acid
Concen: 8.89 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.07 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:122 Resp: 5139

Ion	Ratio	Lower	Upper
122	100		
105	7.8	107.9	147.9#
77	47.5	84.3	124.3#

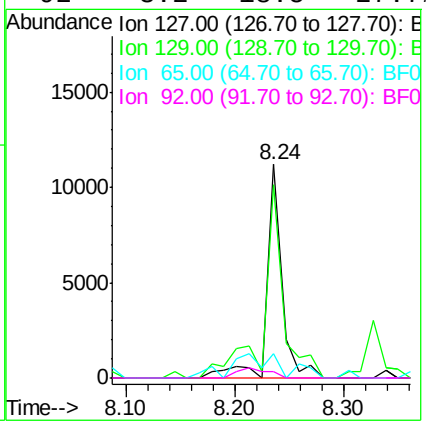


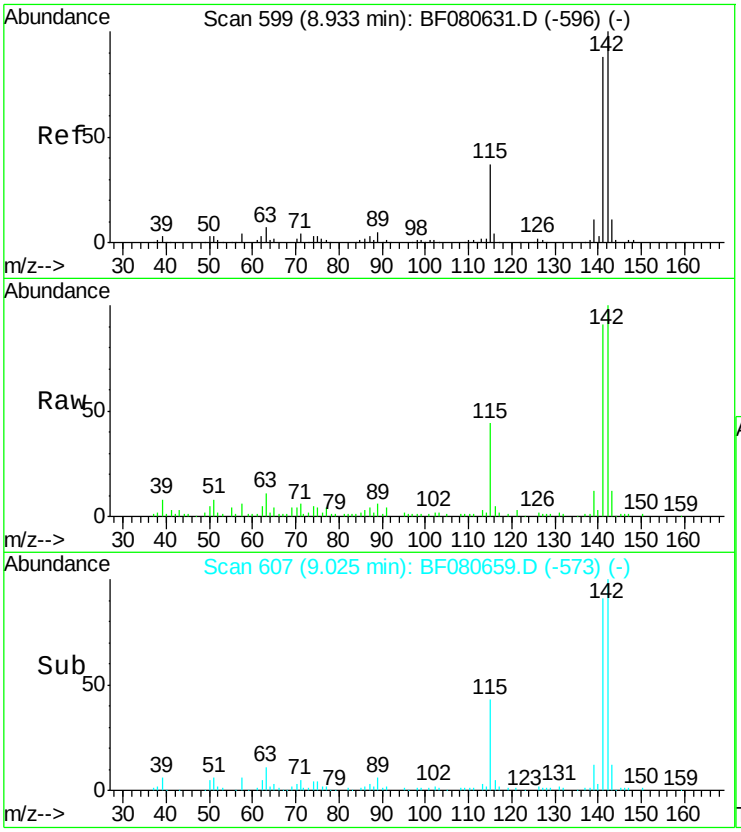


#33
4-Chloroaniline
Concen: 2.35 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:127 Resp: 11041

Ion	Ratio	Lower	Upper
127	100		
129	90.6	25.8	38.6#
65	11.7	32.5	48.7#
92	3.2	18.5	27.7#



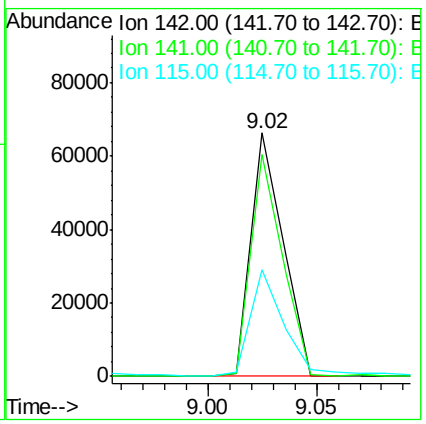


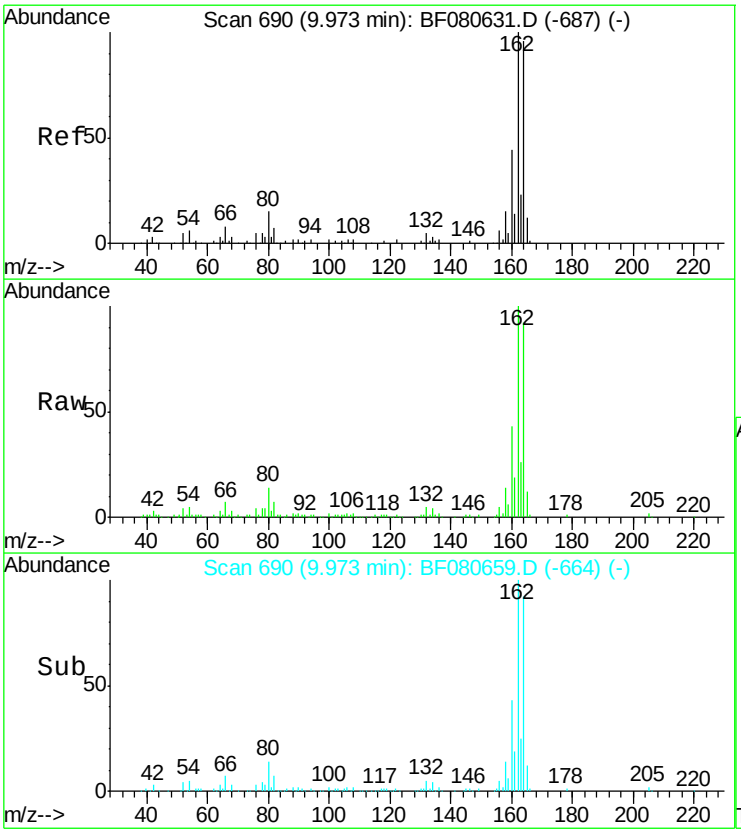
#37
2-Methylnaphthalene
Concen: 8.94 ng
RT: 9.02 min Scan# 607
Delta R.T. 0.09 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:142 Resp: 68177

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.7	106.1
115	43.6	29.3	43.9

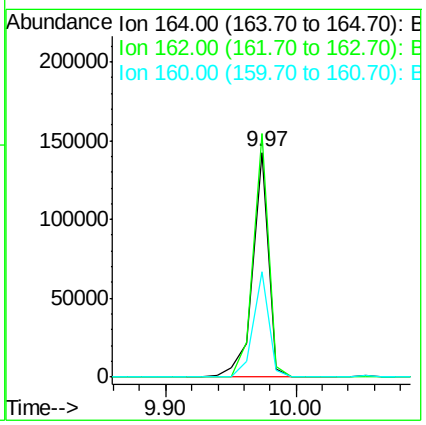


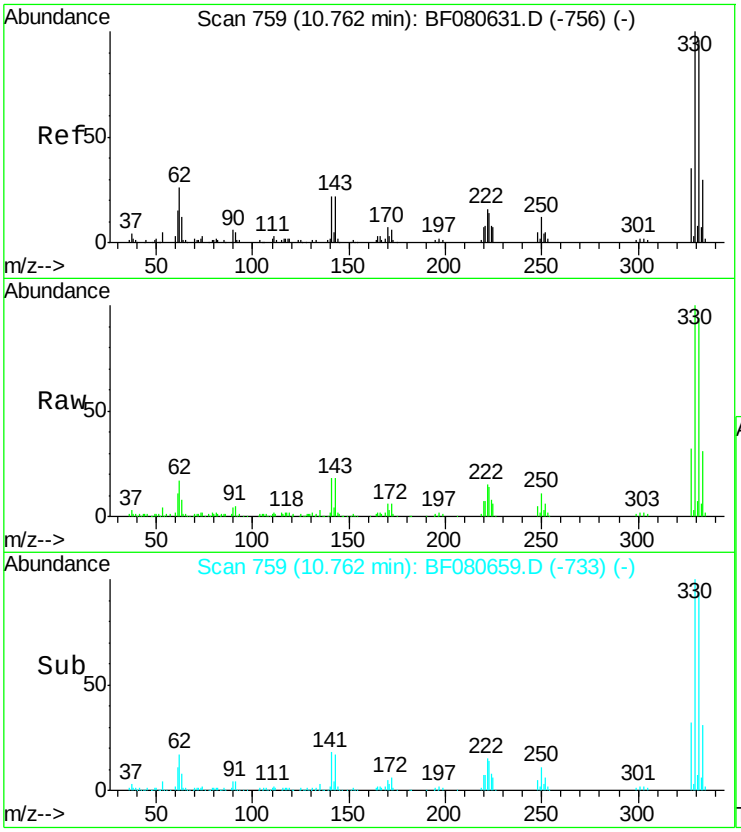


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:164 Resp: 121433

Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.3	124.9
160	46.8	36.9	55.3



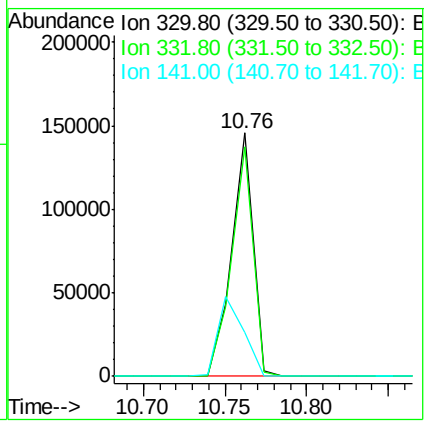


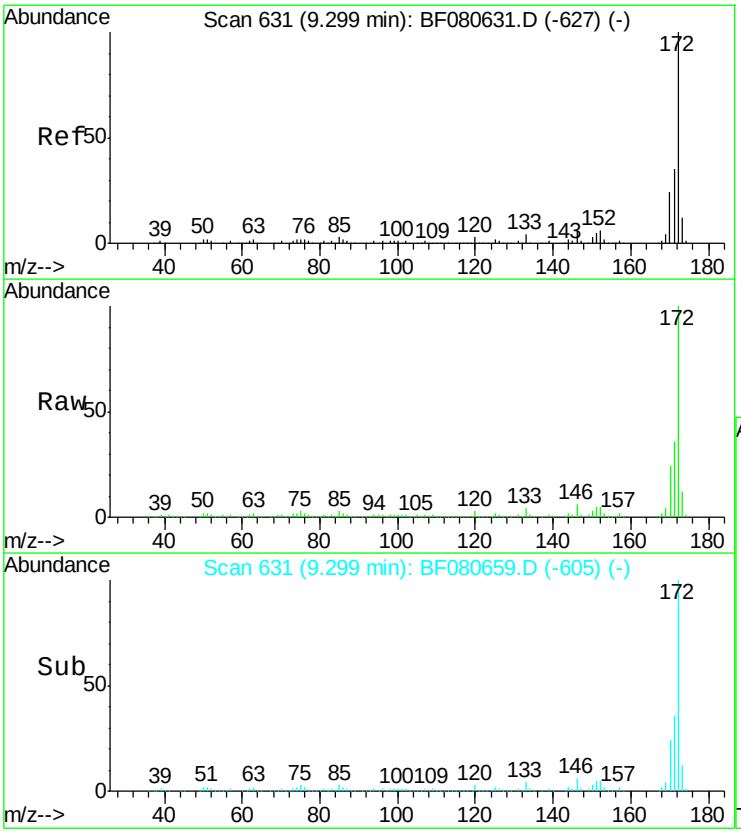
#41
2,4,6-Tribromophenol
Concen: 121.22 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:330 Resp: 132248

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.7	115.1
141	39.8	32.7	49.1

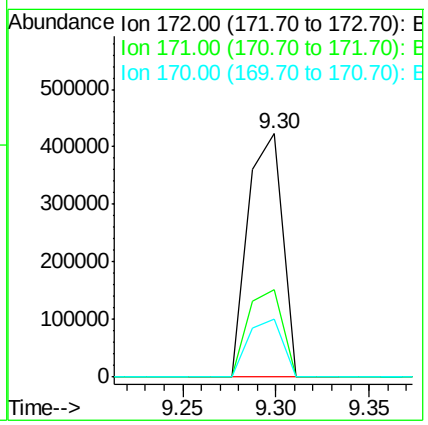


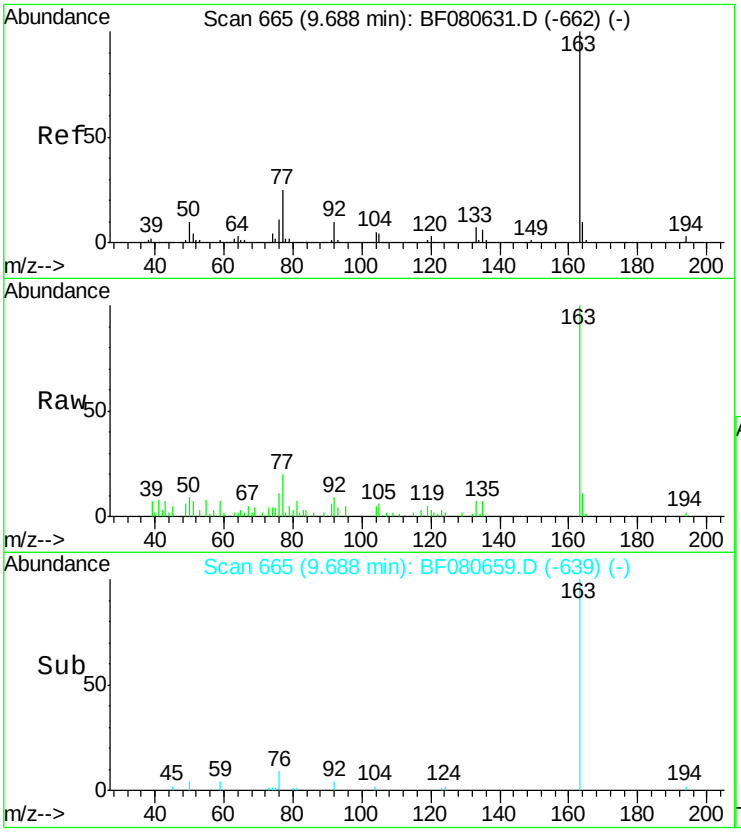


#44
2-Fluorobiphenyl
Concen: 68.51 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:172 Resp: 539224

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.7	41.5
170	23.6	19.0	28.4



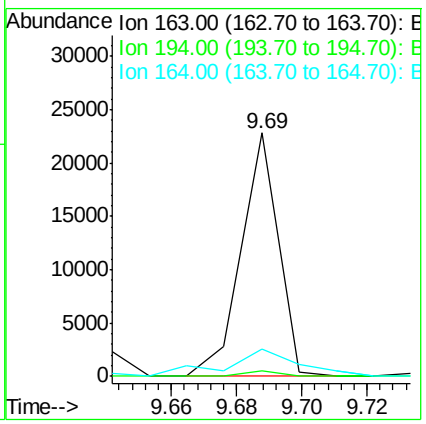


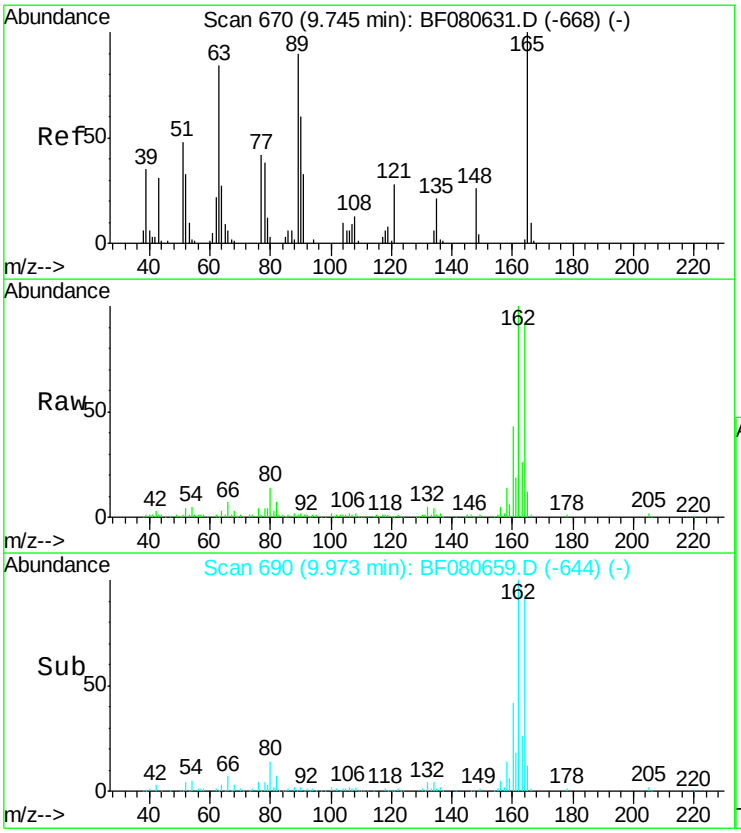
#49
Dimethylphthalate
Concen: 2.06 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:163 Resp: 17900

Ion	Ratio	Lower	Upper
163	100		
194	2.2	2.5	3.7#
164	11.1	8.0	12.0

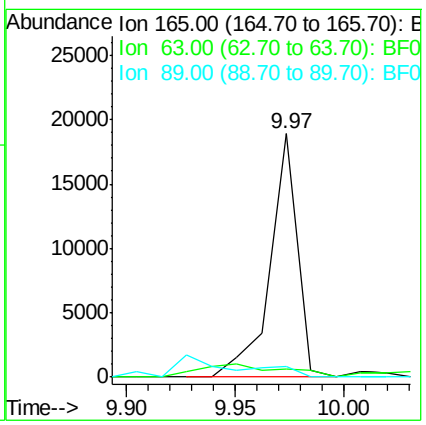


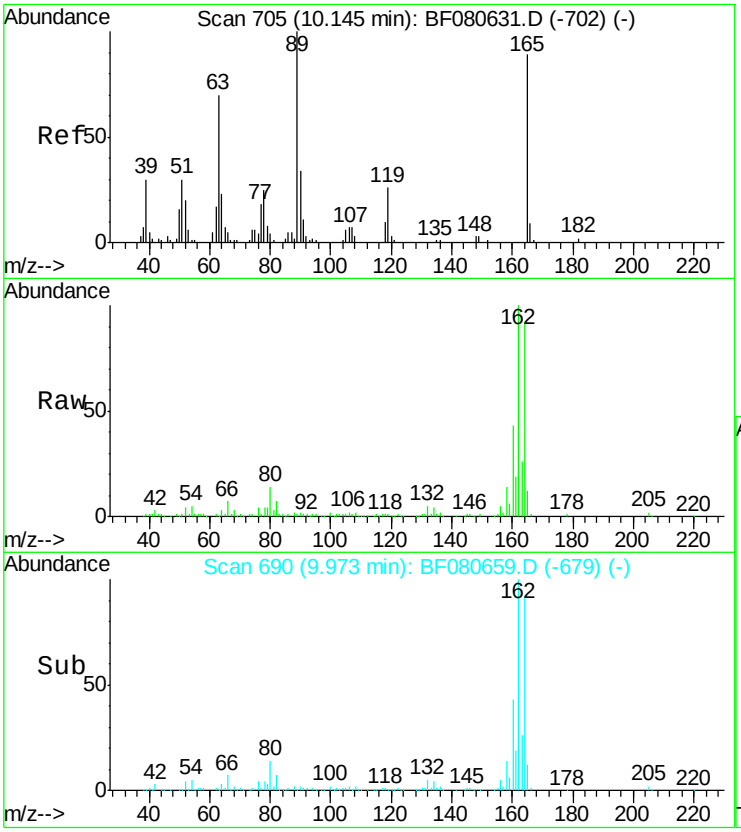


#50
2,6-Dinitrotoluene
Concen: 10.79 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.23 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:165 Resp: 16725

Ion	Ratio	Lower	Upper
165	100		
63	3.5	84.0	126.0#
89	4.3	71.7	107.5#



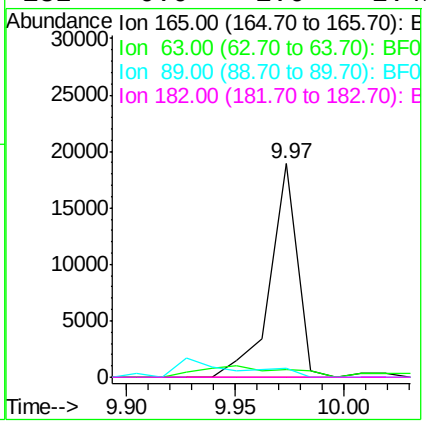


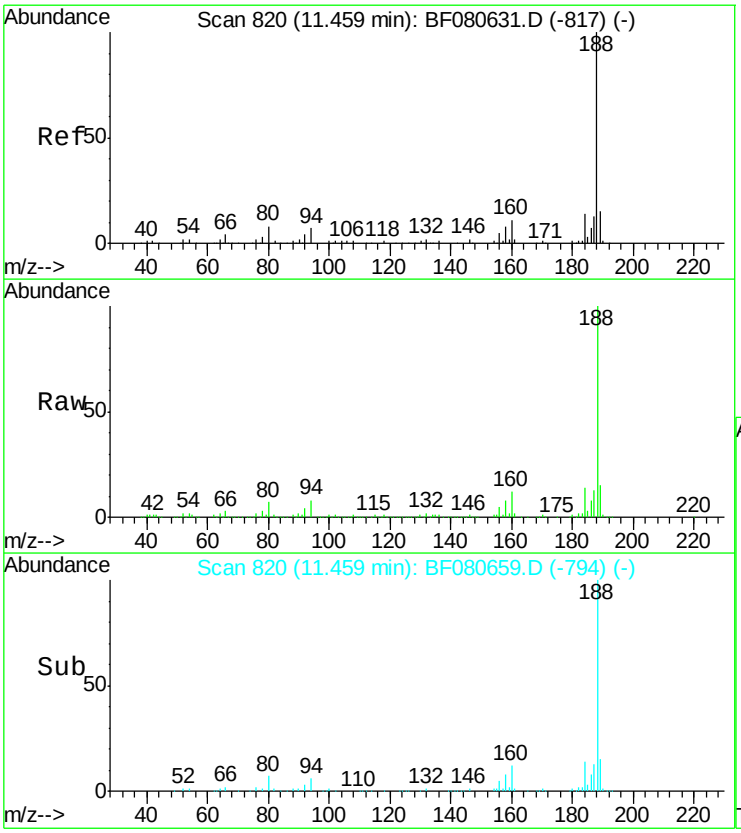
#56
2,4-Dinitrotoluene
Concen: 8.16 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.17 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:165 Resp: 16725

Ion	Ratio	Lower	Upper
165	100		
63	3.5	63.0	94.4#
89	4.3	90.2	135.2#
182	0.0	1.6	2.4#

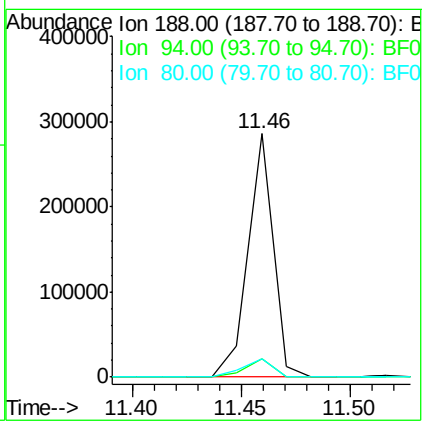


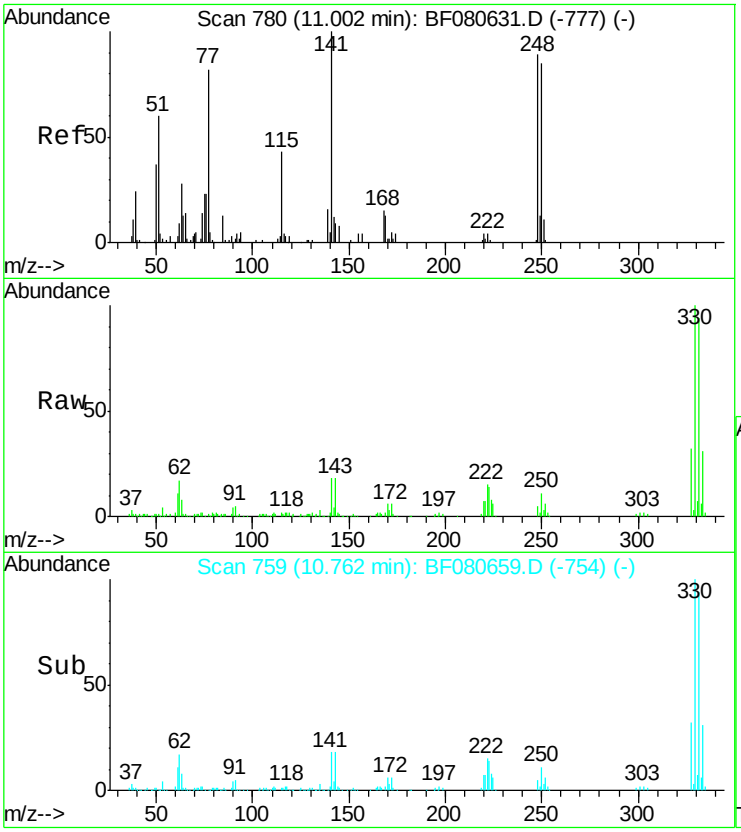


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:188 Resp: 230239

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.6	8.4
80	7.3	6.1	9.1



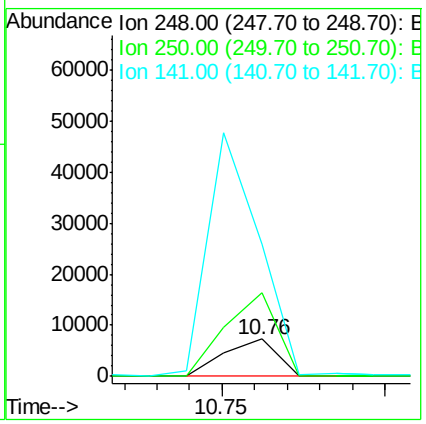


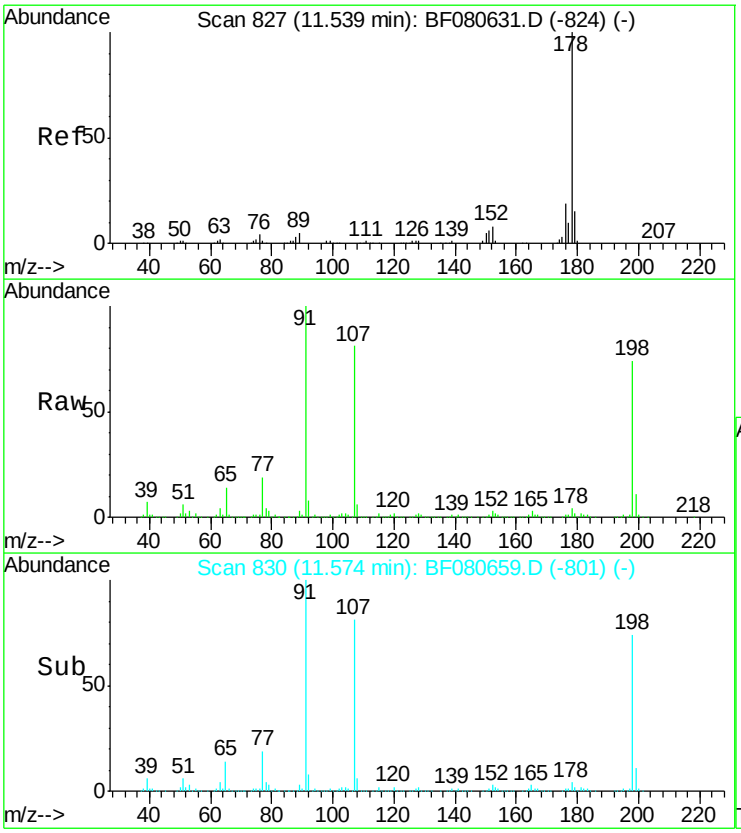
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.24 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:248 Resp: 8227

Ion	Ratio	Lower	Upper
248	100		
250	224.6	76.6	114.8#
141	356.3	90.0	135.0#

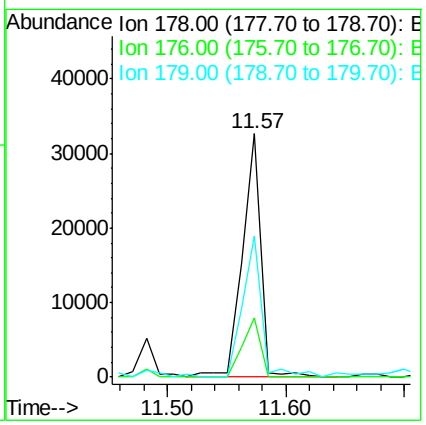


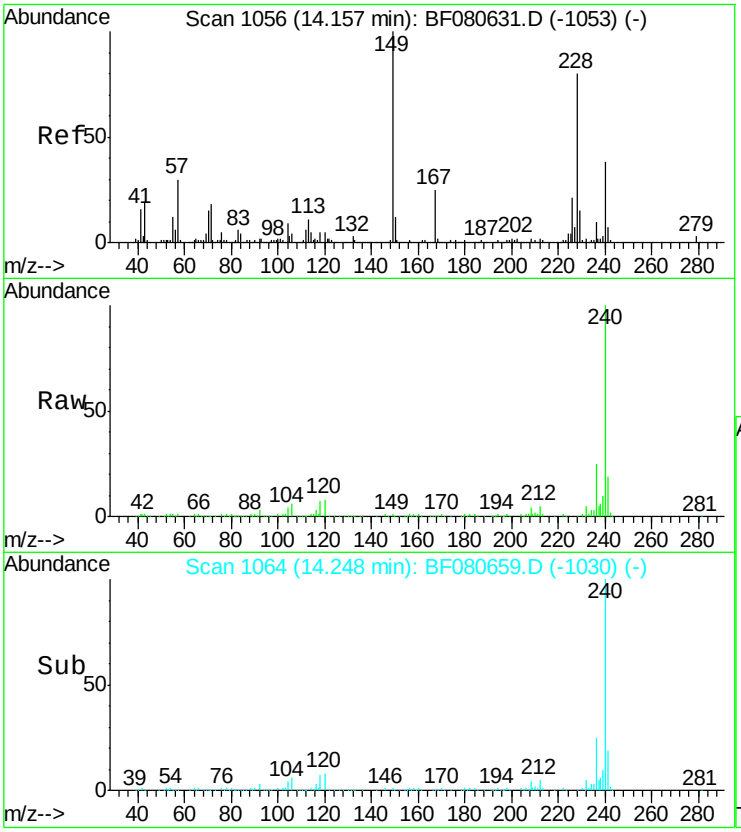


#71
Anthracene
Concen: 2.88 ng
RT: 11.57 min Scan# 830
Delta R.T. 0.03 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:178 Resp: 35284

Ion	Ratio	Lower	Upper
178	100		
176	24.5	15.0	22.6#
179	58.2	12.1	18.1#



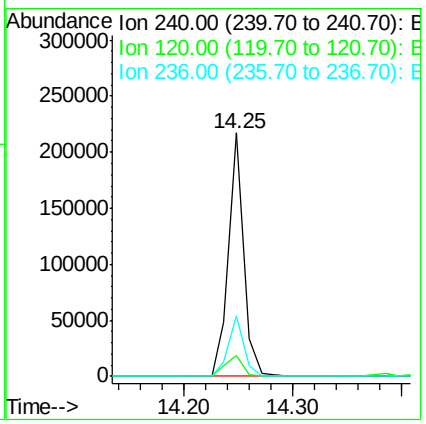


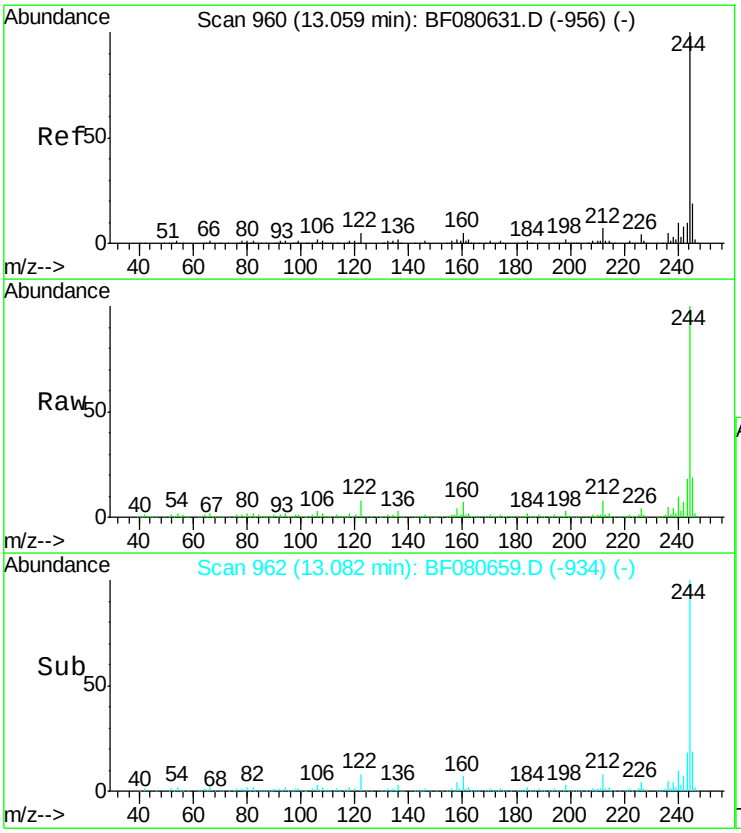
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.25 min Scan# 1064
Delta R.T. 0.09 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:240 Resp: 210250

Ion	Ratio	Lower	Upper
240	100		
120	8.4	10.8	16.2#
236	25.1	20.3	30.5

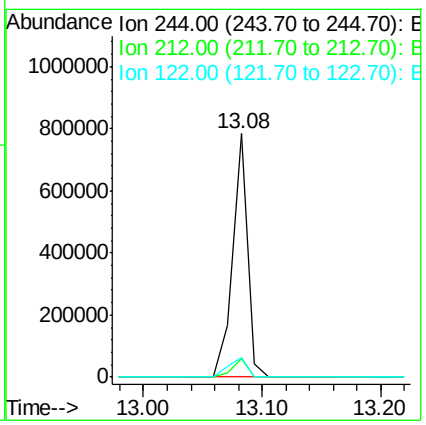


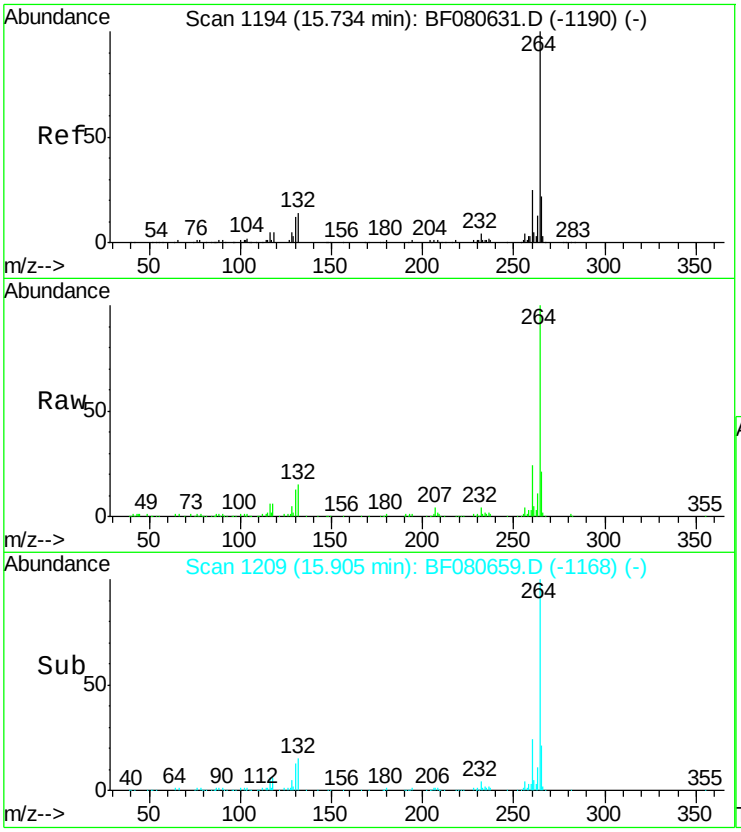


#78
Terphenyl-d14
Concen: 70.08 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.02 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:244 Resp: 684330

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.2	7.8
122	8.3	4.1	6.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1209
Delta R.T. 0.17 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:264 Resp: 186933

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.0	17.4	26.0