Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080601.D
Acq On : 23 Jul 2015 19:44
Operator : TP/UM
Sample : PB84614BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84614BL

Quant Time: Jul 24 00:42:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 19:10:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	44364	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	156609	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	69640	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	129644	20.00	ng	0.00
75) Chrysene-d12	14.23	240	101815	20.00	ng	-0.08
86) Perylene-d12	15.84	264	74780	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	222913	86.79	ng	0.01
7) Phenol-d6	6.56	99	296436	94.41	ng	0.00
23) Nitrobenzene-d5	7.50	82	183331	66.33	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	51622	93.55	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	328137	68.37	ng	0.00
78) Terphenyl-d14	13.08	244	308258	63.36	ng	-0.03
Target Compounds						Qvalue
6) Aniline	6.70	93	219	0.05	ng	# 1
9) Benzaldehyde	6.70	77	7051	3.04	ng	82
11) bis(2-Chloroethyl)ether	6.70	93	219	0.08	ng	# 1
15) Benzyl Alcohol	7.10	79	3844	1.39	ng	# 48
19) n-Nitroso-di-n-propylamine	7.50	70	24825	11.67	ng	# 77
24) Nitrobenzene	7.50	77	682	0.23	ng	# 38
25) Isophorone	7.50	82	166818	32.59	ng	# 66
45) 1,1'-Biphenyl	9.31	154	496	0.09	ng	# 1
47) 2-Nitroaniline	9.31	65	576	0.41	ng	# 1
48) Acenaphthylene	9.85	152	239	0.04	ng	# 61
50) 2,6-Dinitrotoluene	10.00	165	8795	9.18	ng	# 13
56) 2,4-Dinitrotoluene	10.00	165	8792	7.32	ng	# 10
57) Fluorene	10.77	166	2240	0.47	ng	# 87
62) Azobenzene	10.77	77	271	0.05	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.77	198	259	Below Cal		# 1
65) n-Nitrosodiphenylamine	10.77	169	2444	0.57	ng	# 45
66) 4-Bromophenyl-phenylether	10.77	248	4117	3.12	ng	# 1
70) Phenanthrene	11.50	178	264	0.04	ng	# 60
71) Anthracene	11.50	178	264	0.04	ng	# 61
76) Benzidine	12.82	184	303	0.10	ng	# 67
77) Pyrene	13.08	202	707	0.10	ng	# 55
89) Benzo(a)pyrene	15.84	252	217	0.05	ng	# 57

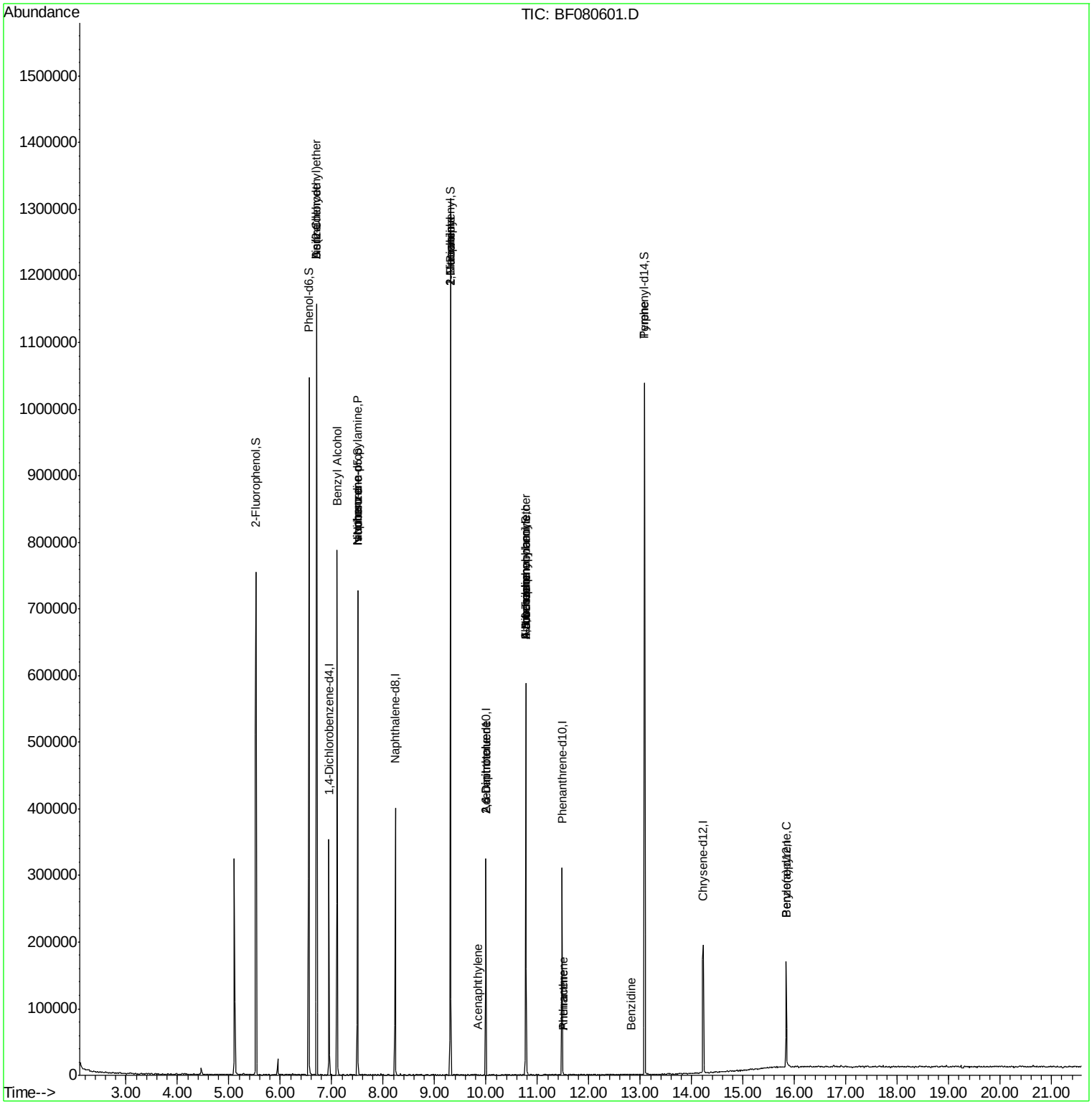
(#) = qualifier out of range (m) = manual integration (+) = signals summed

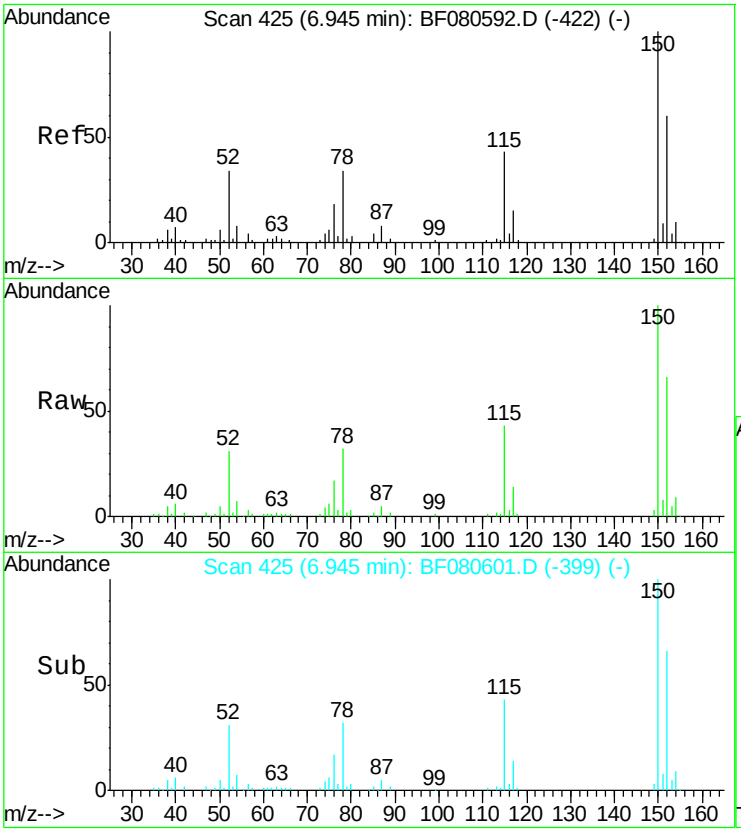
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080601.D
Acq On : 23 Jul 2015 19:44
Operator : TP/UM
Sample : PB84614BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Quant Time: Jul 24 00:42:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 19:10:33 2015
Response via : Initial Calibration



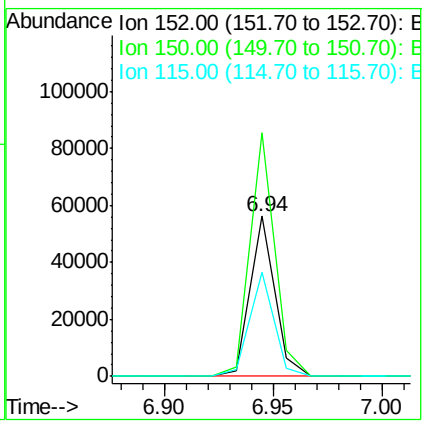


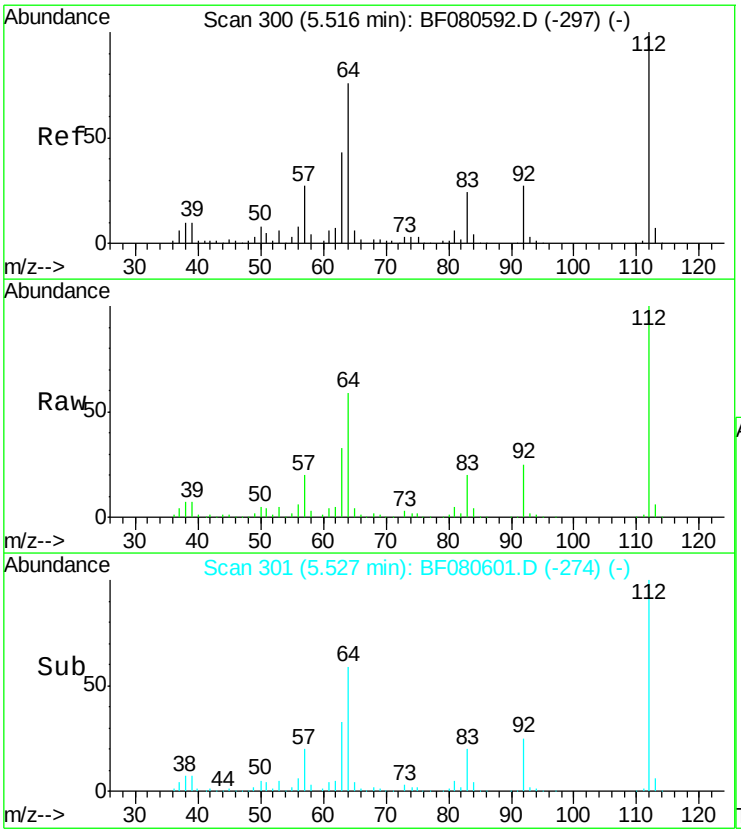
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:152 Resp: 44364

Ion	Ratio	Lower	Upper
152	100		
150	151.9	128.7	193.1
115	64.9	56.8	85.2

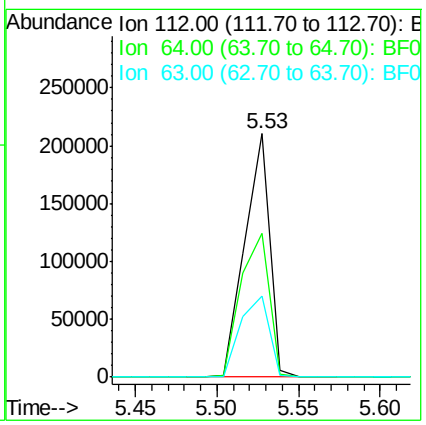


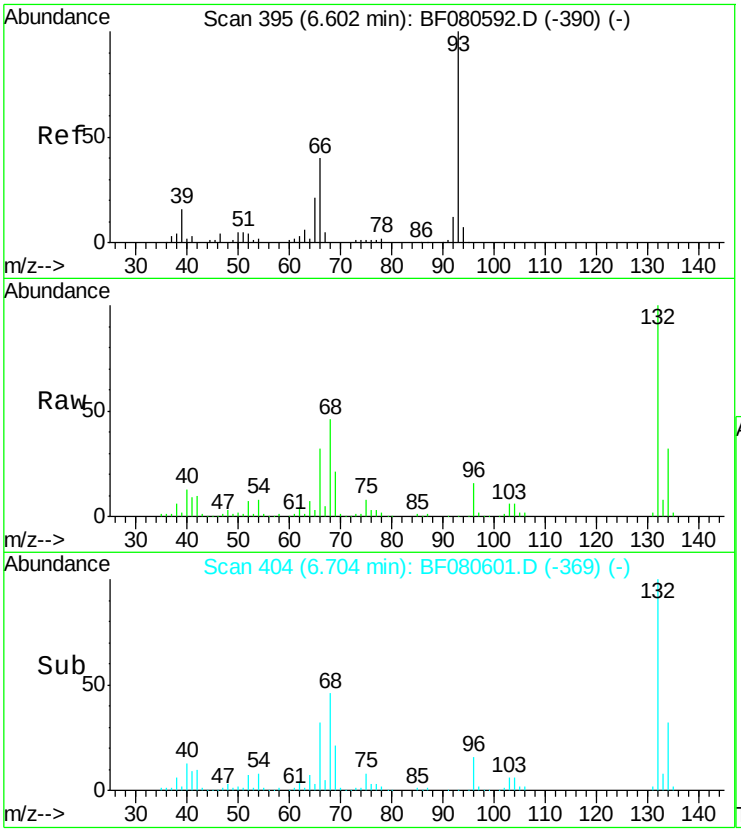


#5
2-Fluorophenol
Concen: 86.79 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:112 Resp: 222913

Ion	Ratio	Lower	Upper
112	100		
64	59.2	60.2	90.2#
63	33.1	34.8	52.2#



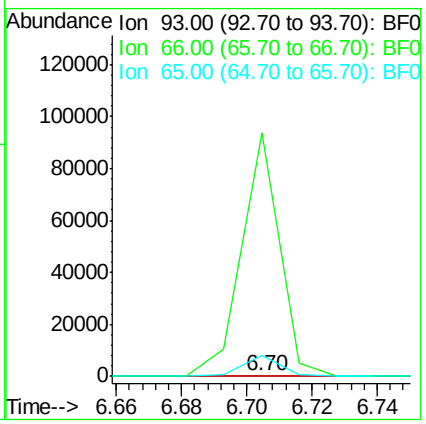


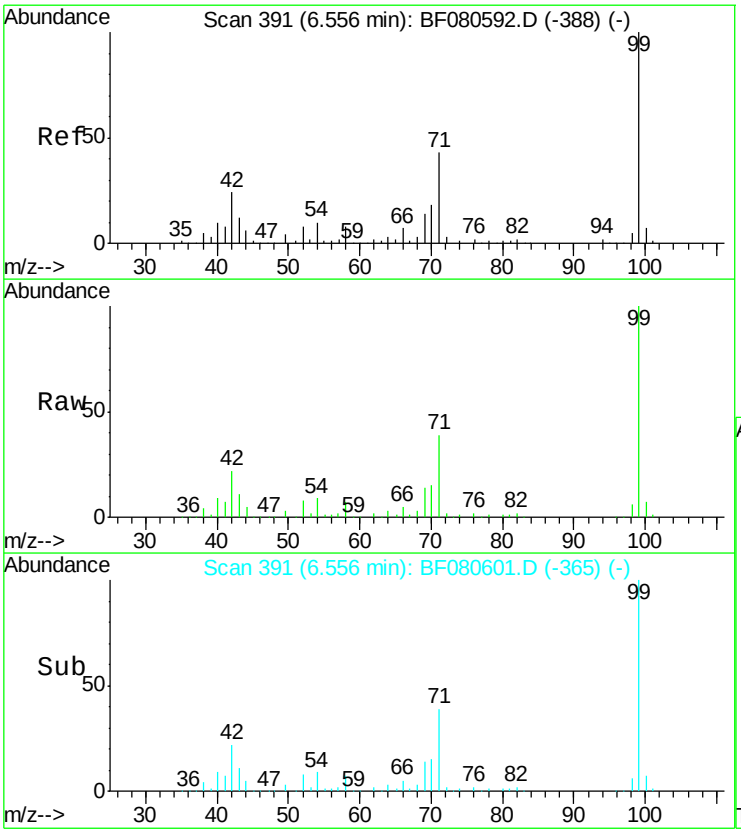
#6
Aniline
Concen: 0.05 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.10 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion: 93 Resp: 219

Ion	Ratio	Lower	Upper
93	100		
66	29297.5	33.1	49.7#
65	2476.9	17.2	25.8#

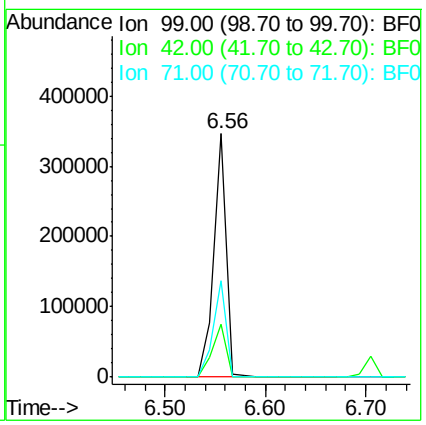


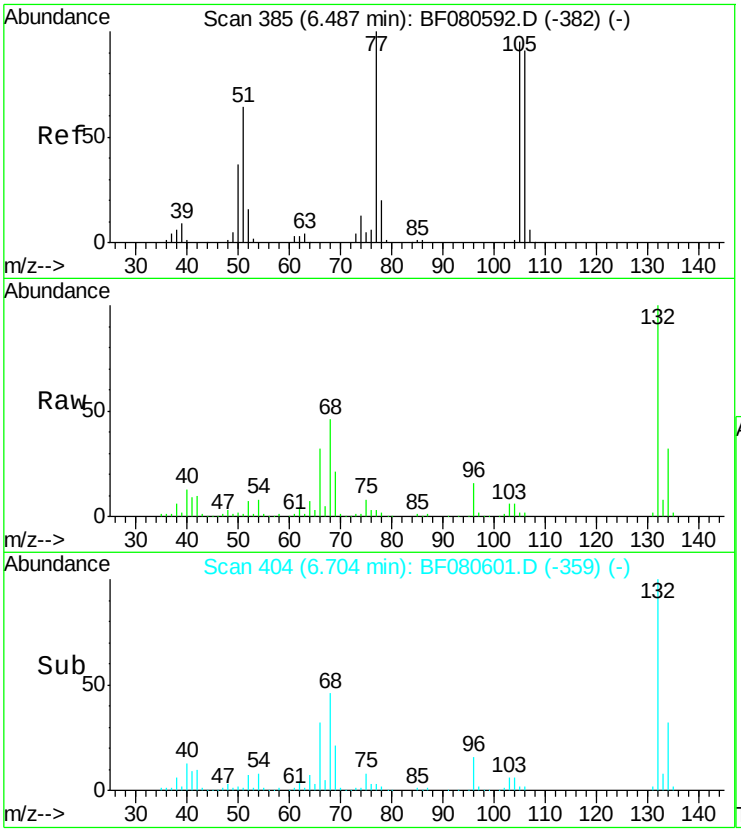


#7
Phenol-d6
Concen: 94.41 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion: 99 Resp: 296436

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.4	26.2
71	39.5	29.0	43.6



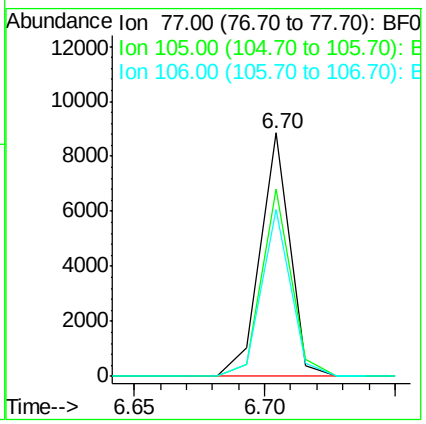


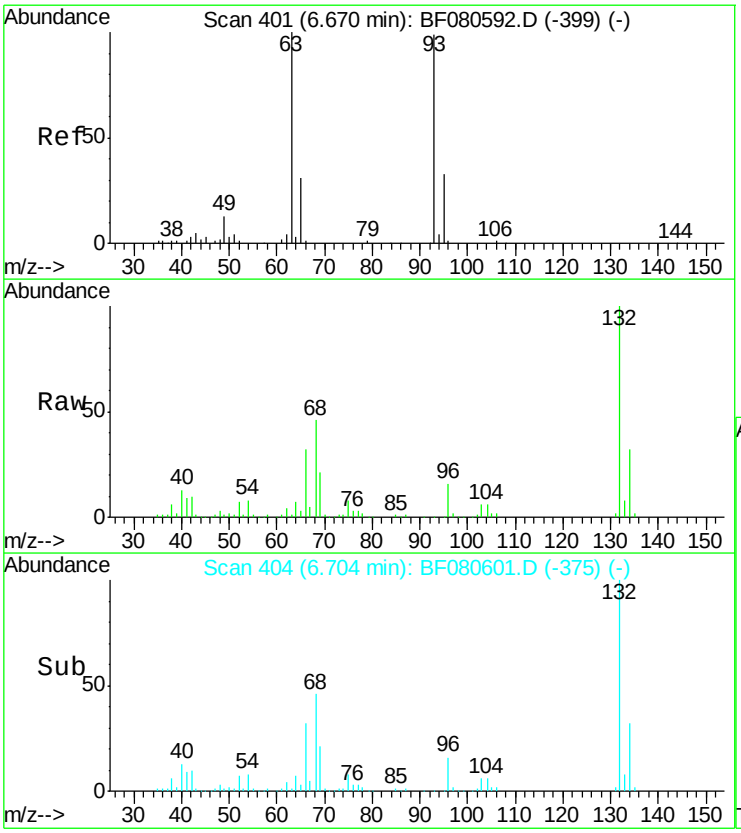
#9
Benzaldehyde
Concen: 3.04 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.22 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion: 77 Resp: 7051

Ion	Ratio	Lower	Upper
77	100		
105	77.0	72.3	112.3
106	68.3	67.5	107.5

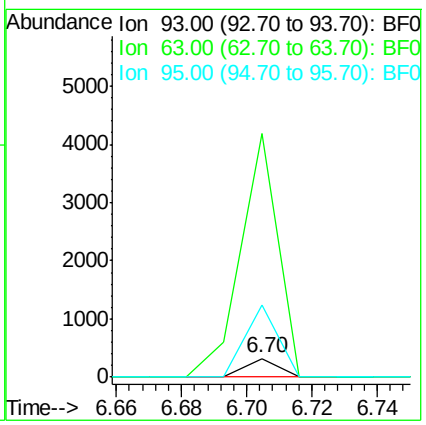


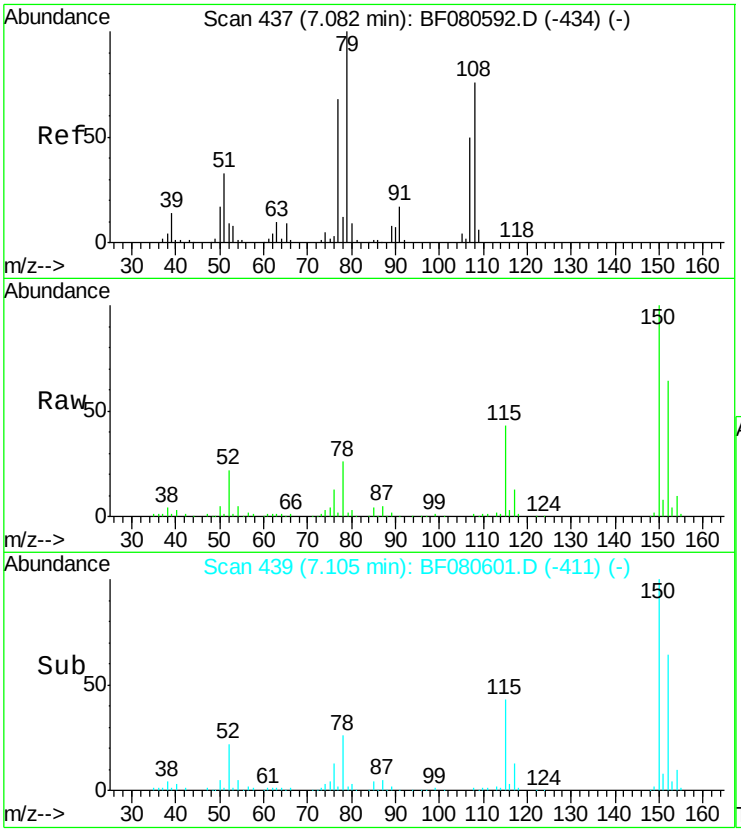


#11
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.03 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion: 93 Resp: 219

Ion	Ratio	Lower	Upper
93	100		
63	1307.8	80.5	120.5#
95	388.1	11.2	51.2#



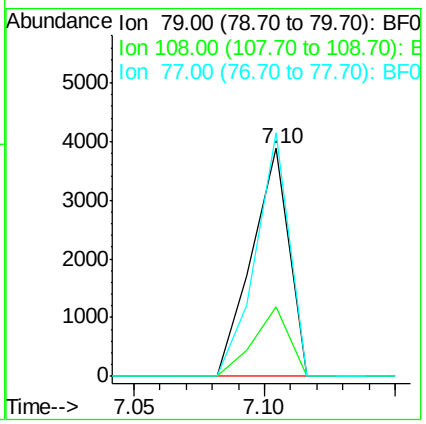


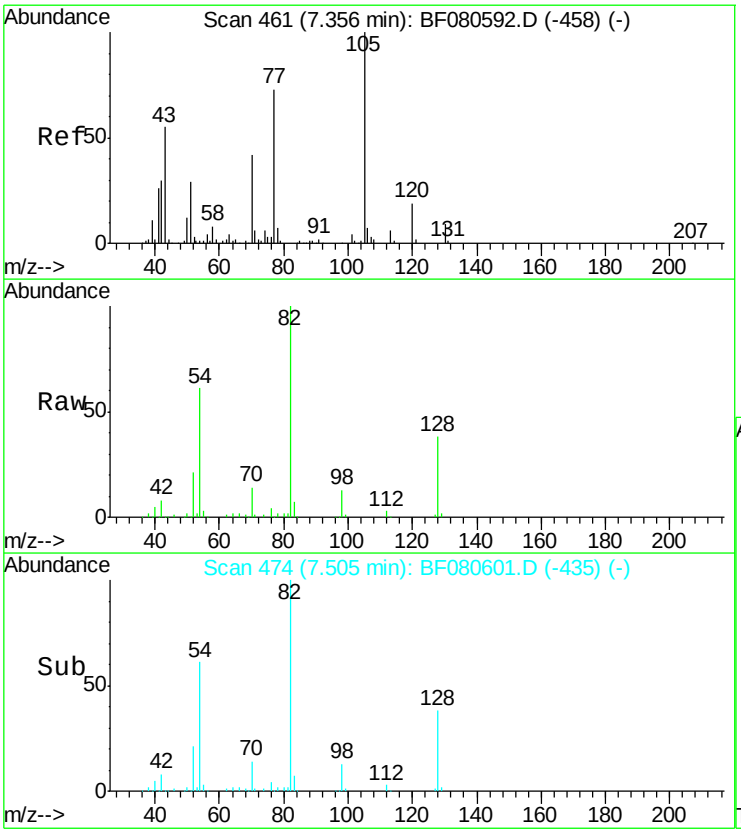
#15
Benzyl Alcohol
Concen: 1.39 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.02 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion: 79 Resp: 3844

Ion	Ratio	Lower	Upper
79	100		
108	30.4	61.5	92.3#
77	106.7	53.6	80.4#

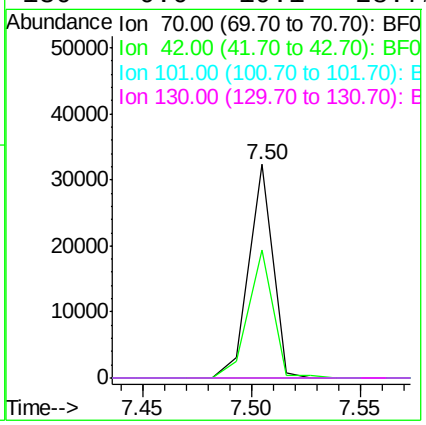


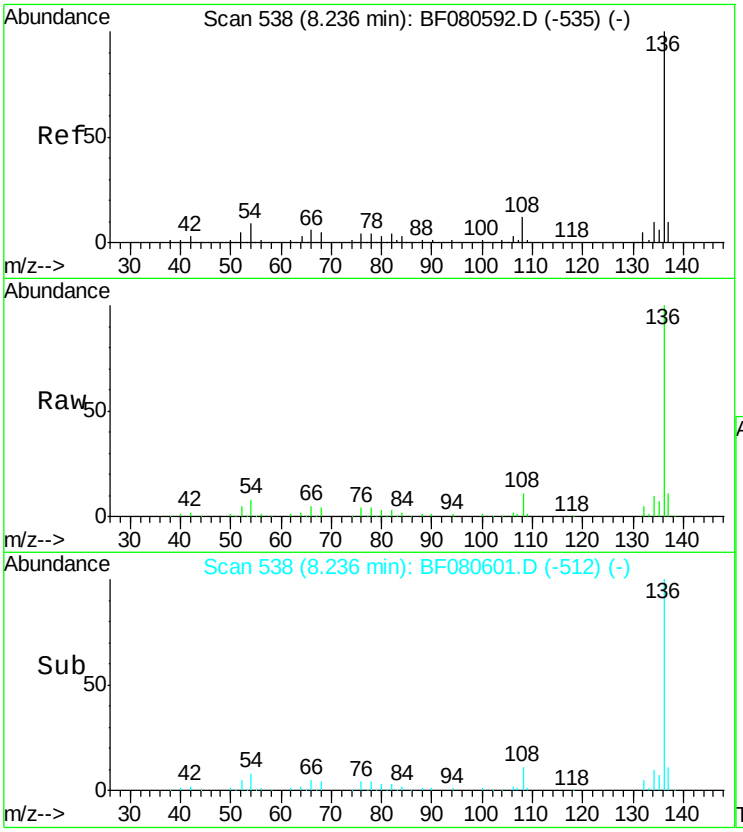


#19
n-Nitroso-di-n-propylamine
Concen: 11.67 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.15 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion: 70 Resp: 24825

Ion	Ratio	Lower	Upper
70	100		
42	60.0	56.6	85.0
101	0.0	9.7	14.5#
130	0.0	19.1	28.7#



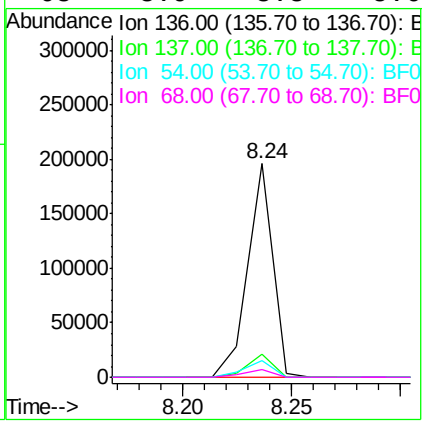


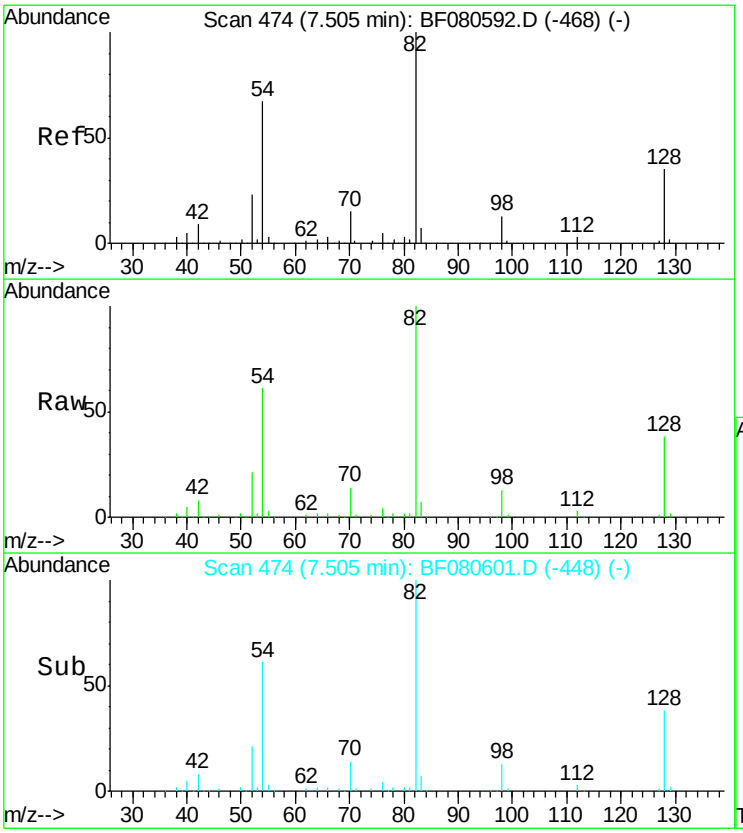
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:136 Resp: 156609

Ion	Ratio	Lower	Upper
136	100		
137	10.6	7.8	11.8
54	7.9	7.2	10.8
68	3.9	3.8	5.6

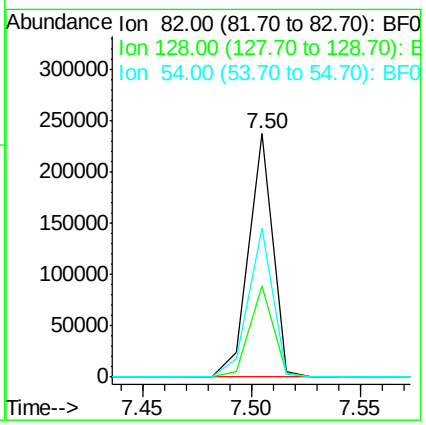


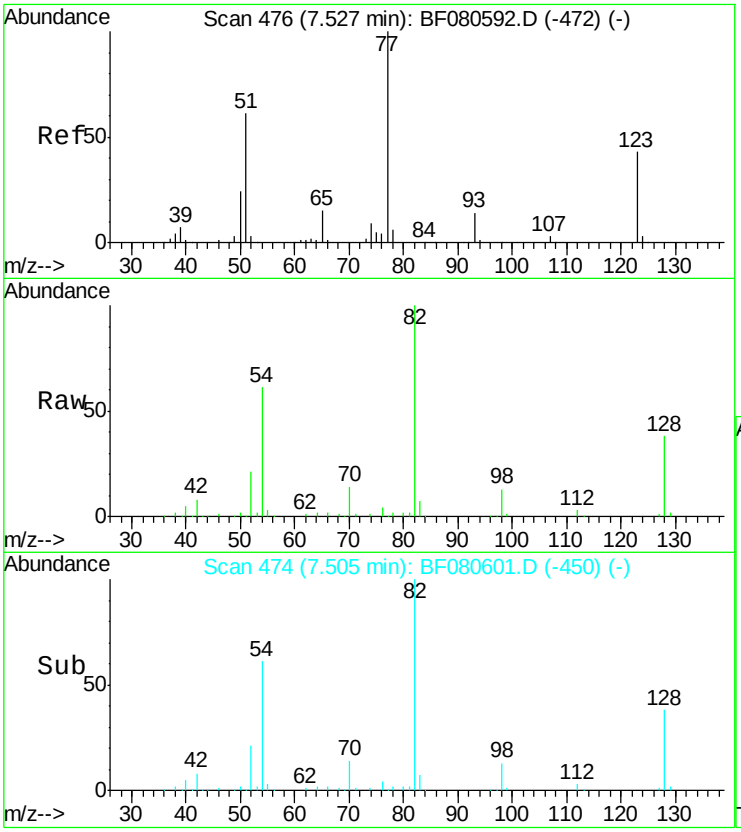


#23
Nitrobenzene-d5
Concen: 66.33 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion: 82 Resp: 183331

Ion	Ratio	Lower	Upper
82	100		
128	37.6	28.9	43.3
54	61.0	54.5	81.7



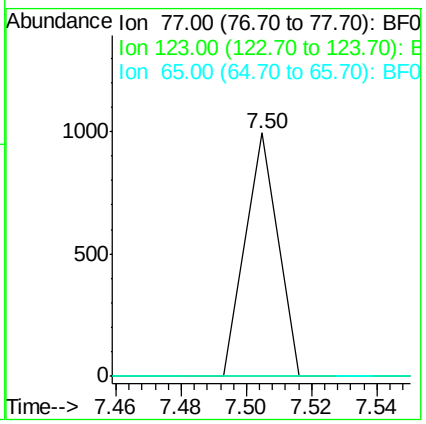


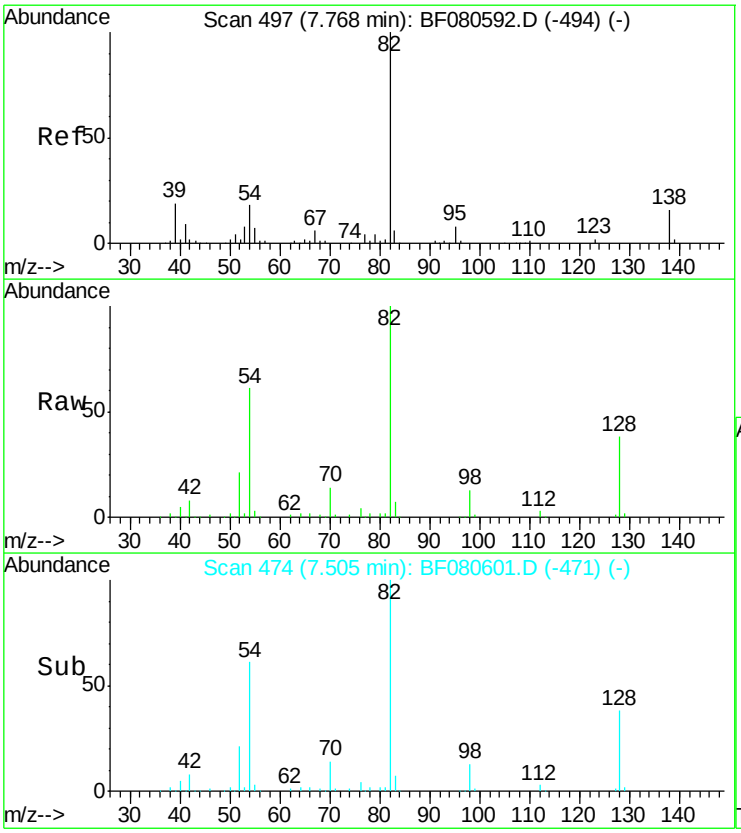
#24
Nitrobenzene
Concen: 0.23 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion: 77 Resp: 682

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

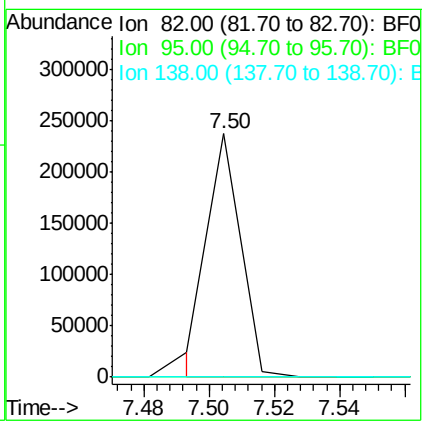


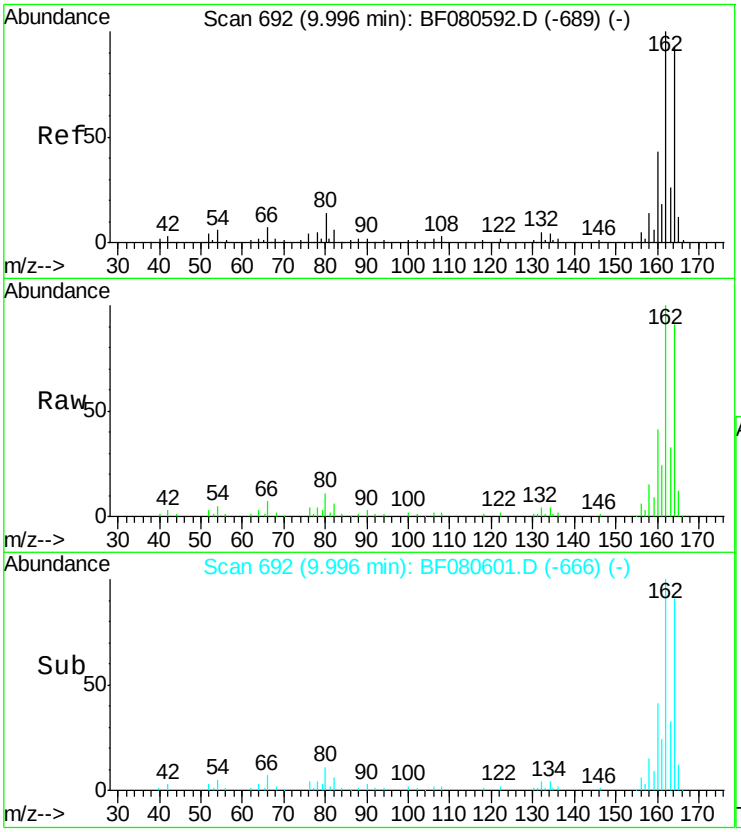


#25
Isophorone
Concen: 32.59 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.26 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion: 82 Resp: 166818

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



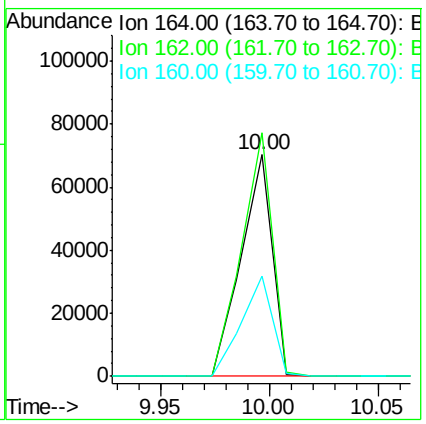


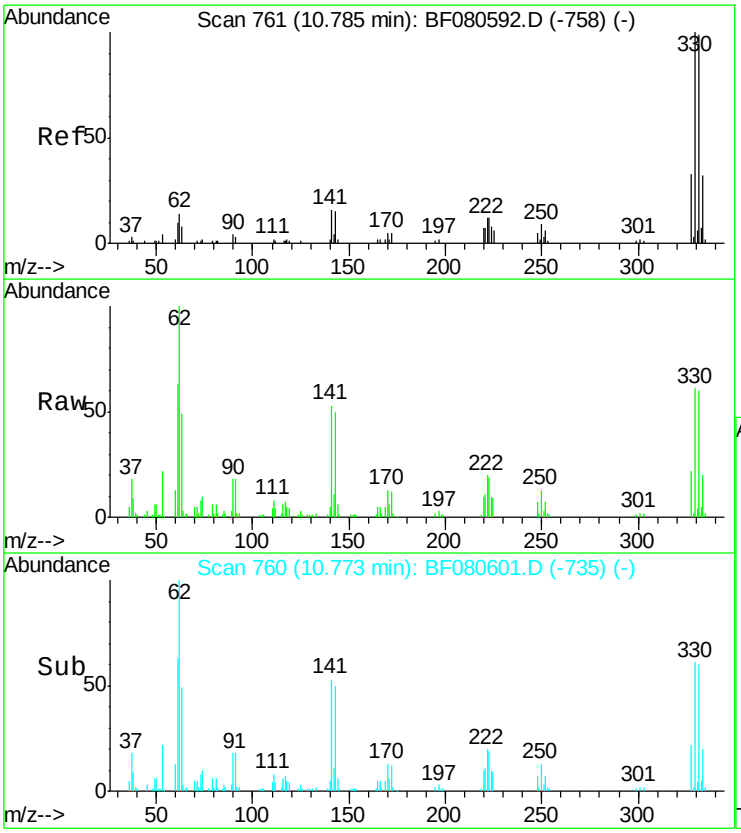
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:164 Resp: 69640

Ion	Ratio	Lower	Upper
164	100		
162	109.9	82.2	123.4
160	45.6	36.1	54.1

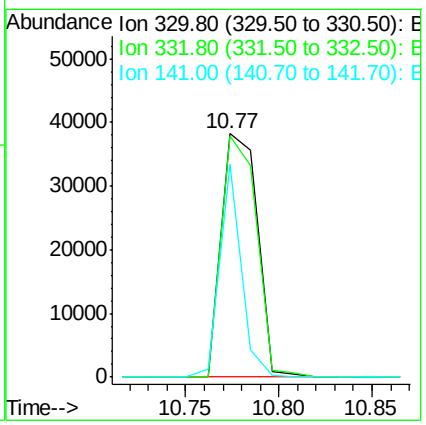


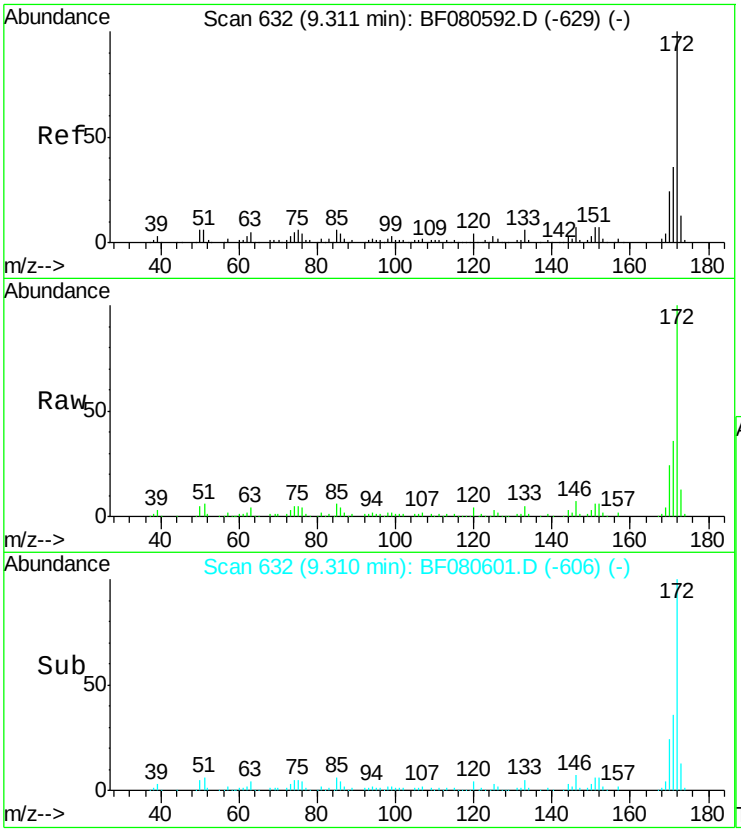


#41
2,4,6-Tribromophenol
Concen: 93.55 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:330 Resp: 51622

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.3	117.5
141	52.3	37.9	56.9



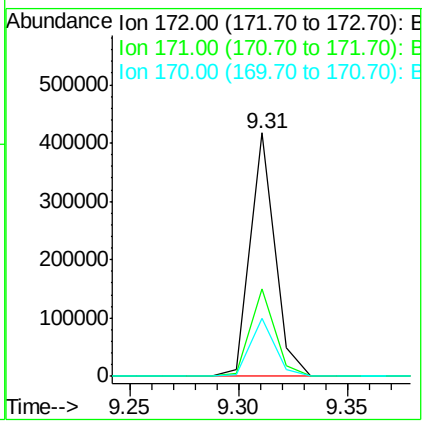


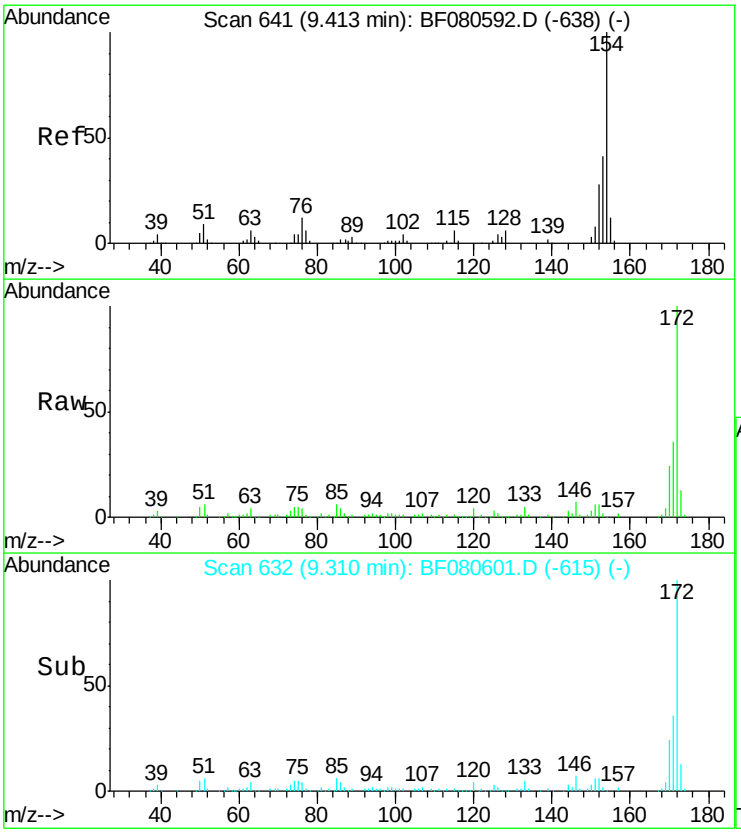
#44
2-Fluorobiphenyl
Concen: 68.37 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:172 Resp: 328137

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.7	41.5
170	23.7	19.1	28.7

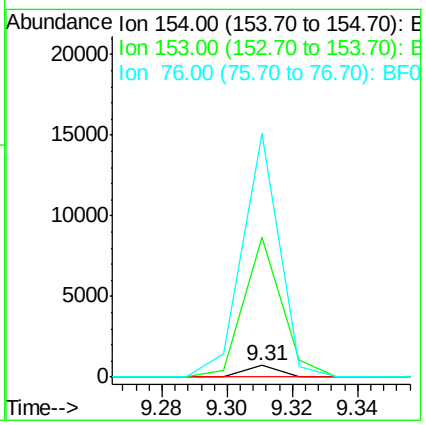


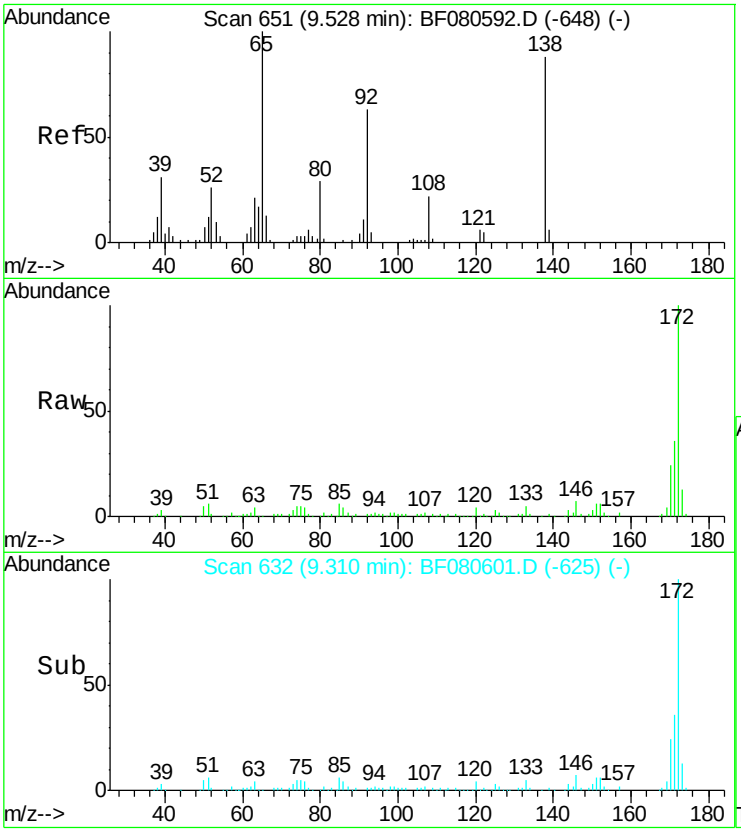


#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.10 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:154 Resp: 496

Ion	Ratio	Lower	Upper
154	100		
153	1199.3	21.8	61.8#
76	2089.3	0.0	32.1#



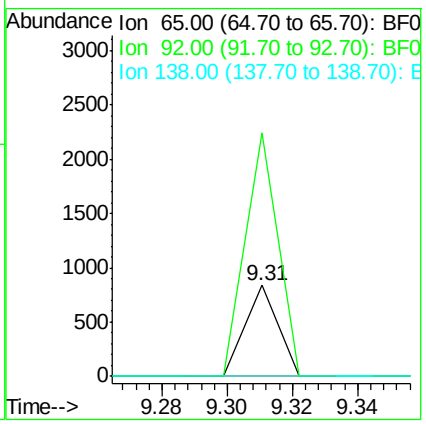


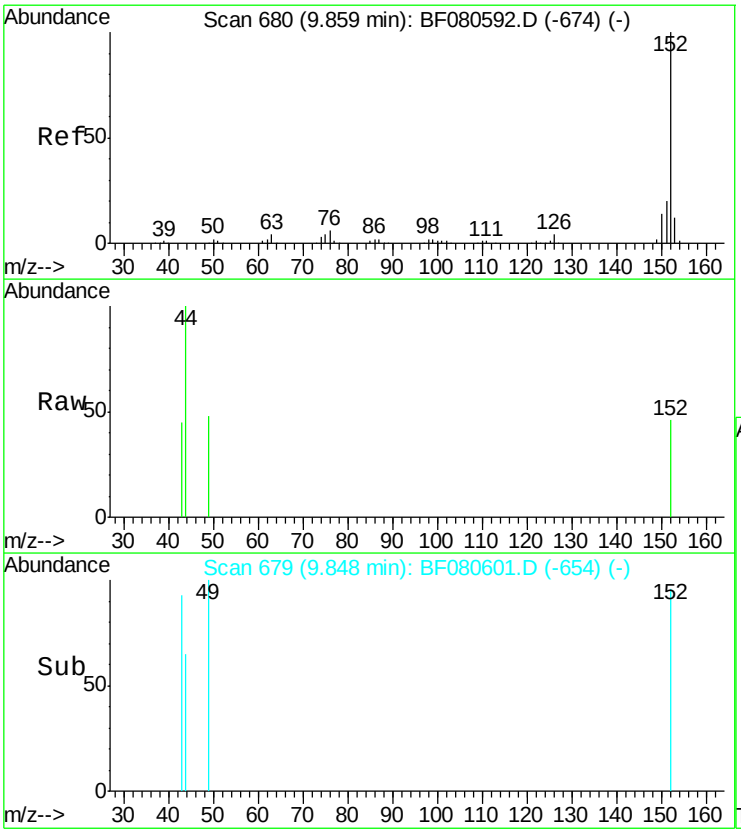
#47
2-Nitroaniline
Concen: 0.41 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.22 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion: 65 Resp: 576

Ion	Ratio	Lower	Upper
65	100		
92	266.9	48.7	73.1#
138	0.0	66.8	100.2#

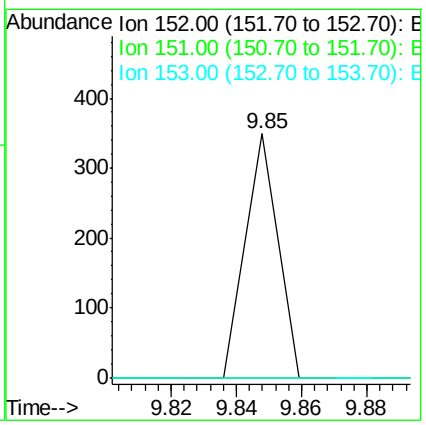


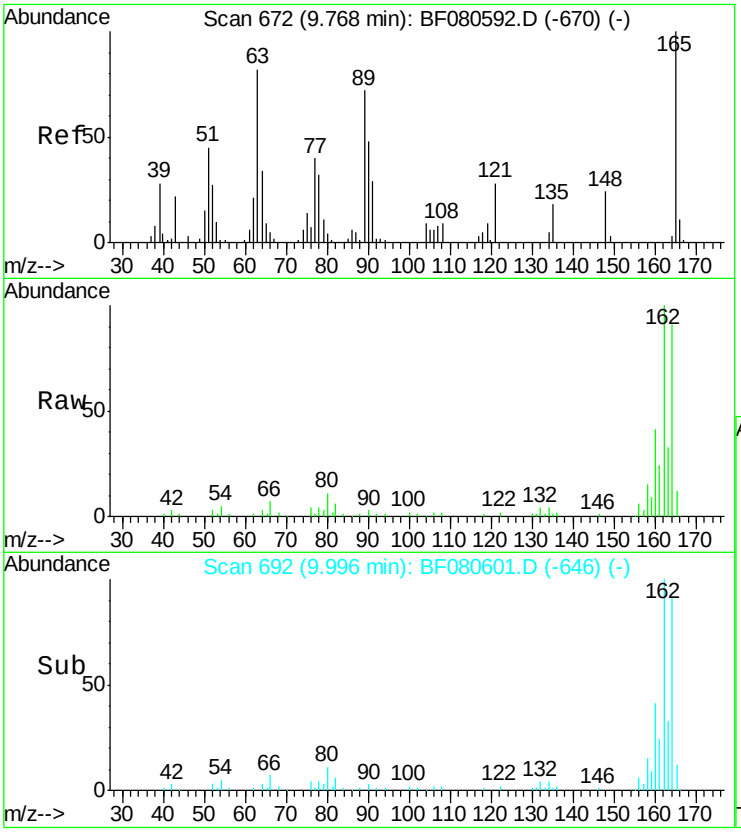


#48
Acenaphthylene
Concen: 0.04 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:152 Resp: 239

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.4	24.6#
153	0.0	9.7	14.5#



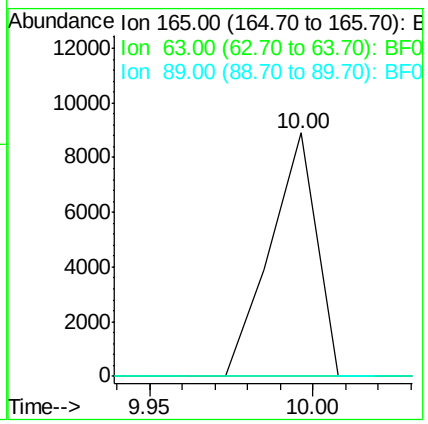


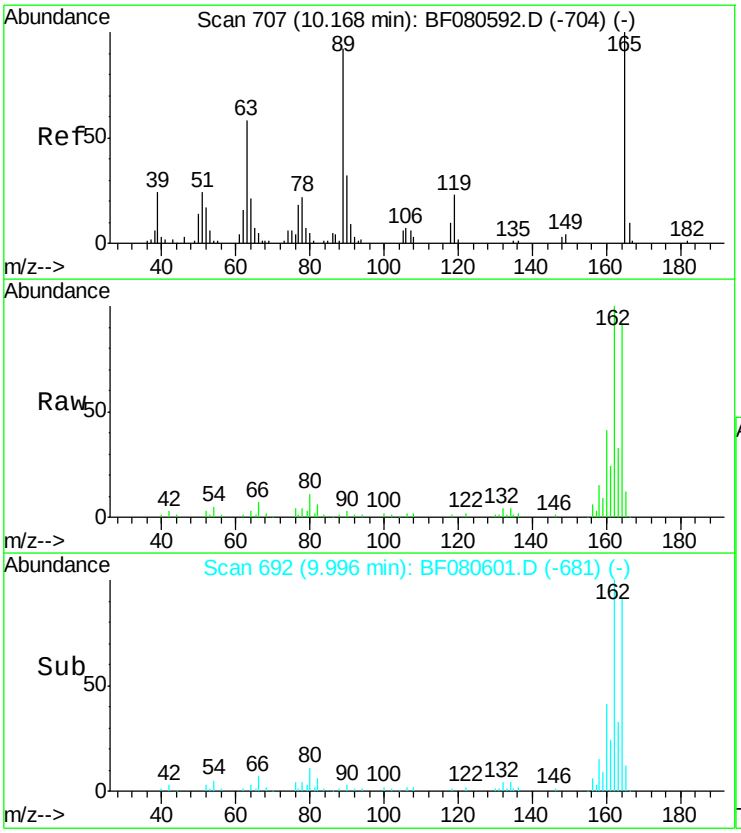
#50
2,6-Dinitrotoluene
Concen: 9.18 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.23 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:165 Resp: 8795

Ion	Ratio	Lower	Upper
165	100		
63	0.0	59.0	88.6#
89	0.0	56.9	85.3#

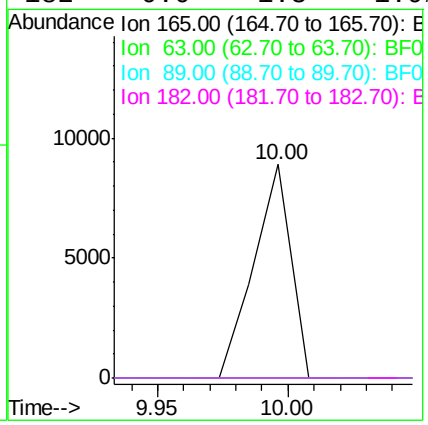


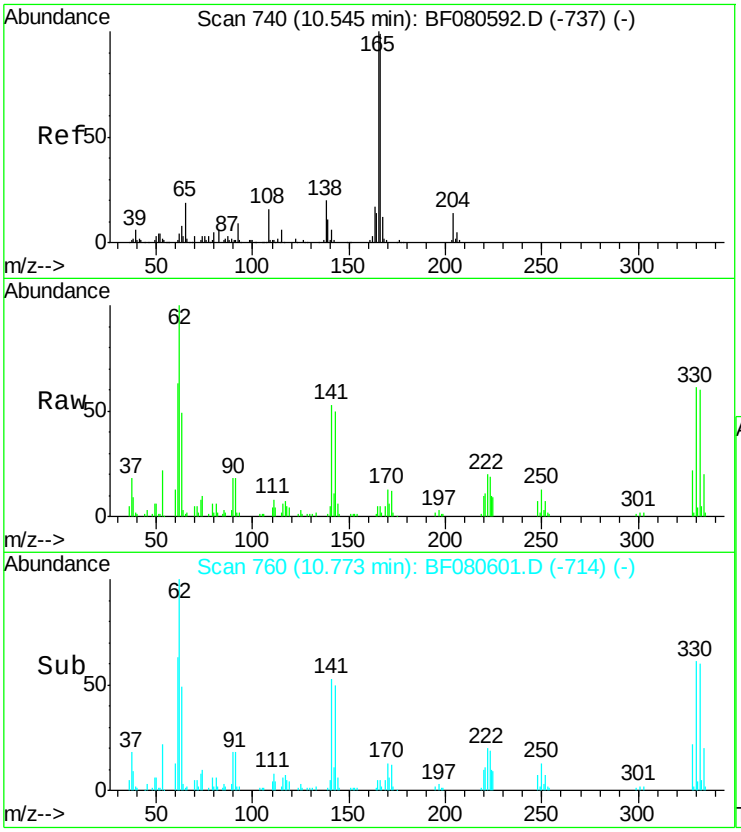


#56
2,4-Dinitrotoluene
Concen: 7.32 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.17 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:165 Resp: 8792

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



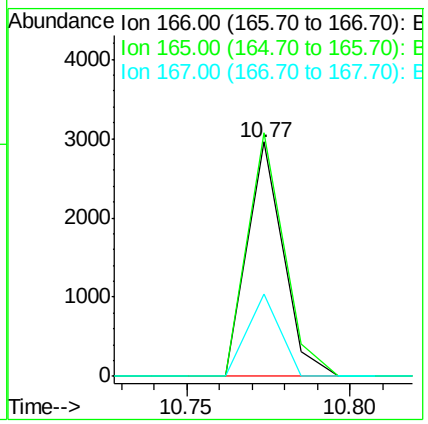


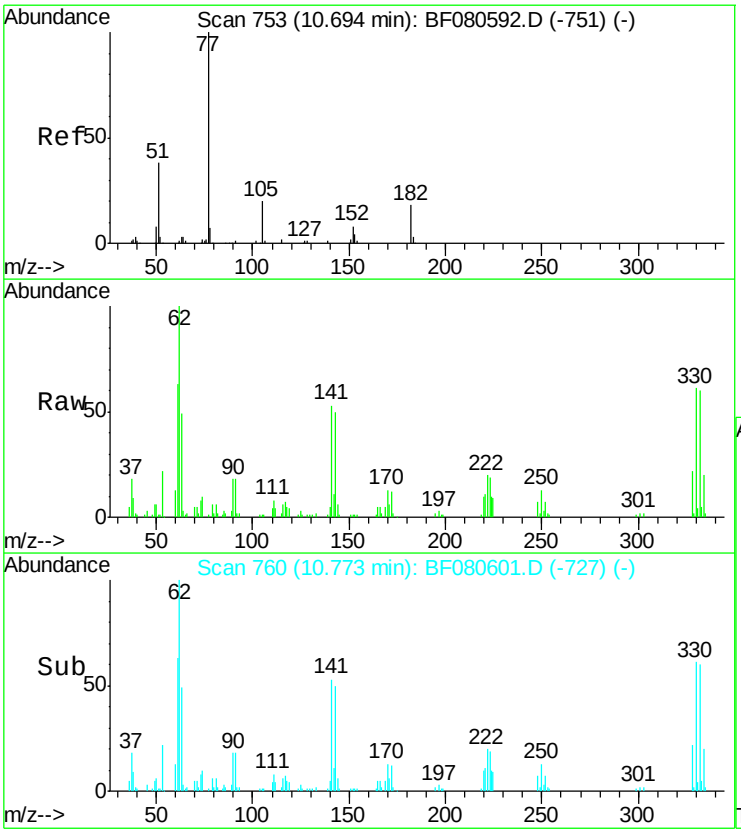
#57
Fluorene
Concen: 0.47 ng
RT: 10.77 min Scan# 760
Delta R.T. 0.23 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:166 Resp: 2240

Ion	Ratio	Lower	Upper
166	100		
165	103.9	77.7	116.5
167	35.3	10.5	15.7#

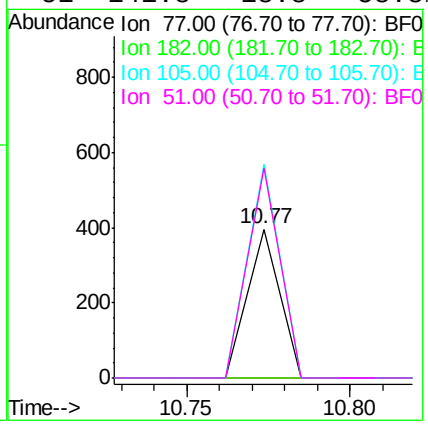


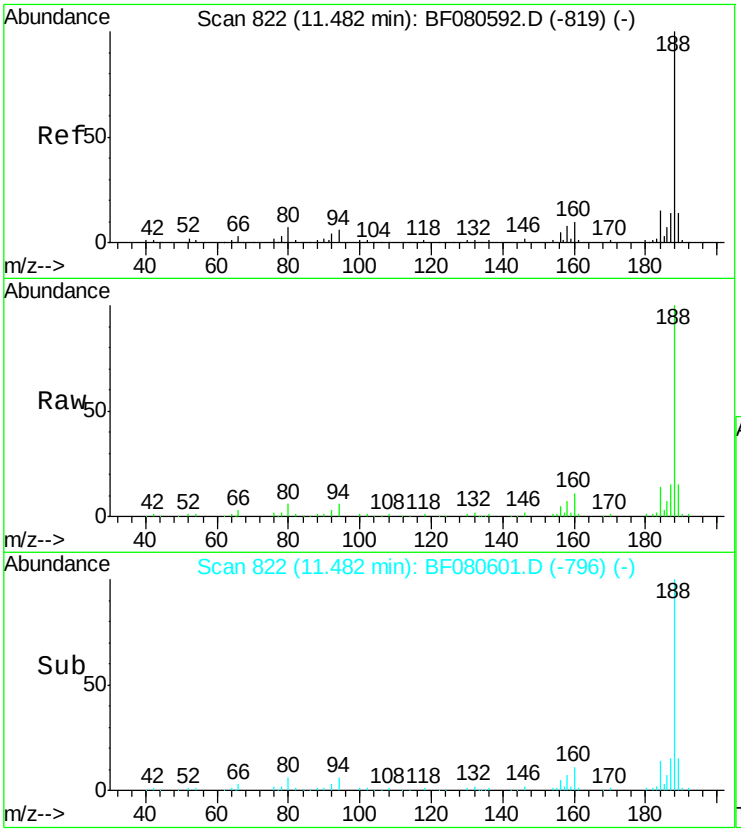


#62
Azobenzene
Concen: 0.05 ng
RT: 10.77 min Scan# 760
Delta R.T. 0.08 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion: 77 Resp: 271

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	37.8
105	143.8	0.1	40.1#
51	141.8	18.8	58.8#



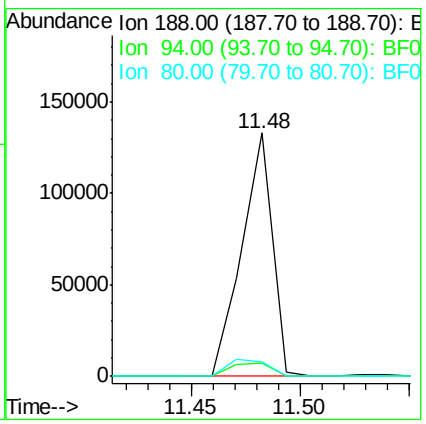


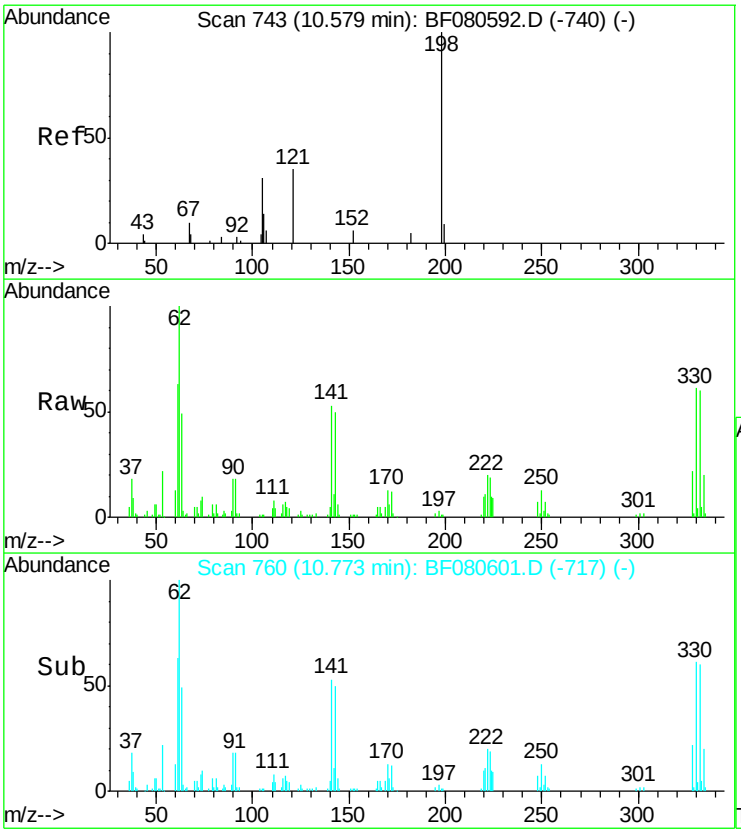
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:188 Resp: 129644

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.1	9.1#
80	6.1	7.0	10.6#

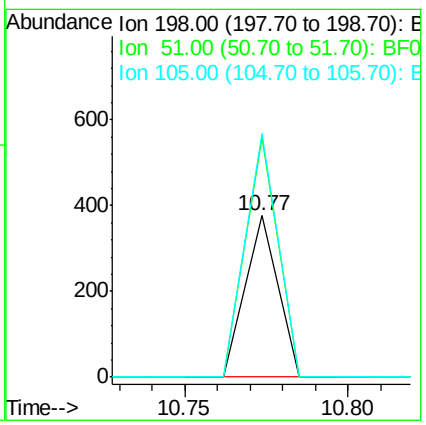


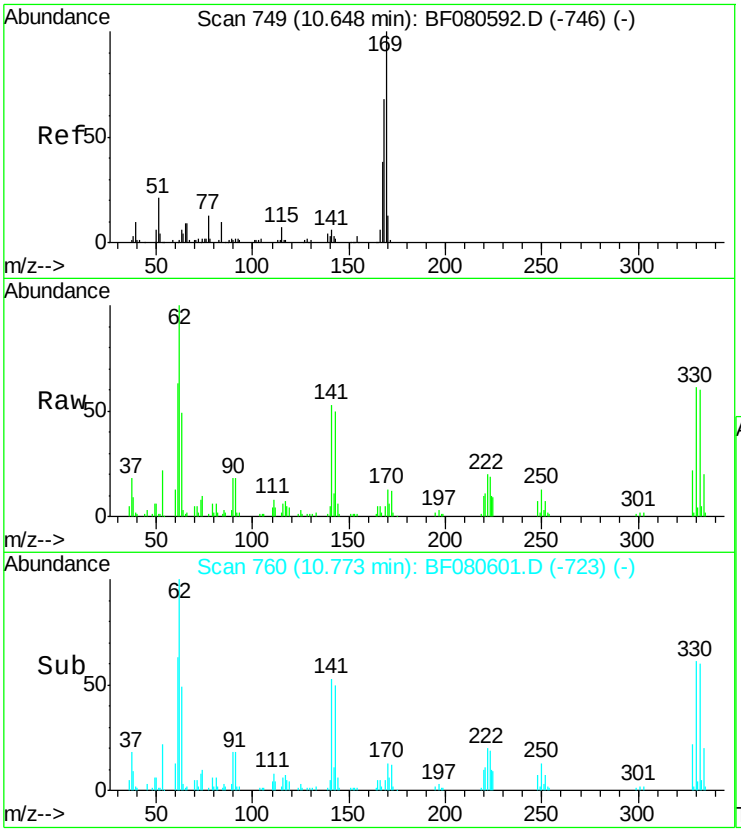


#64
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 10.77 min Scan# 760
Delta R.T. 0.19 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:198 Resp: 259

Ion	Ratio	Lower	Upper
198	100		
51	148.5	32.0	72.0#
105	150.7	16.3	56.3#



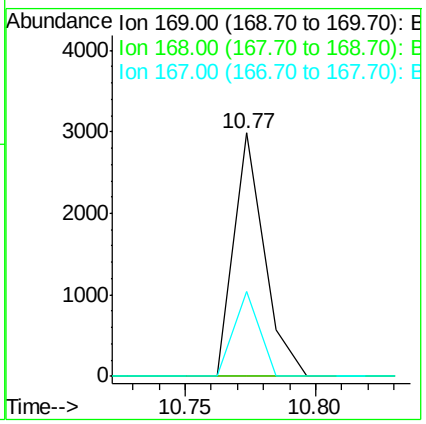


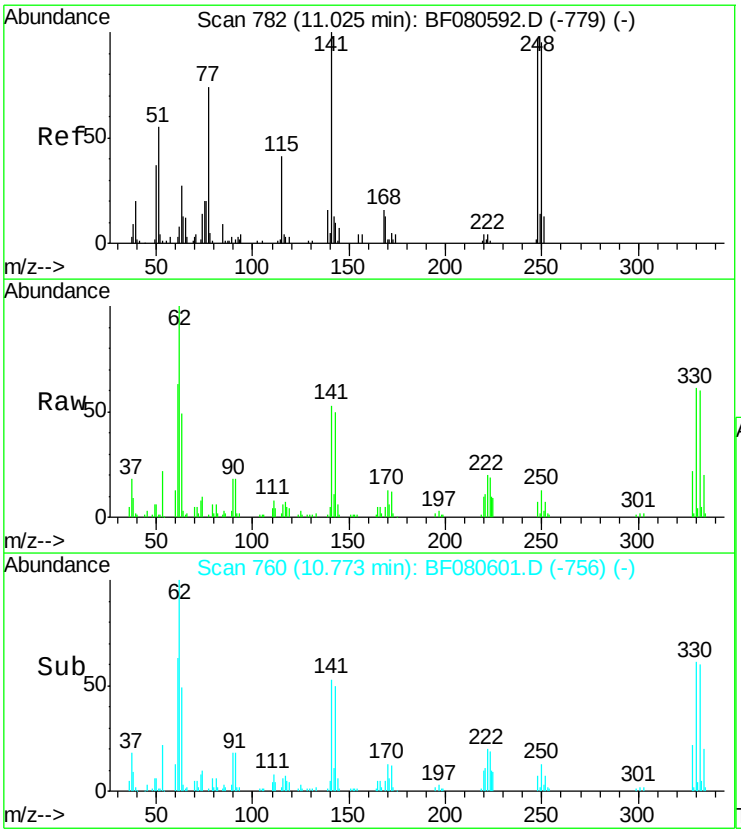
#65
n-Nitrosodiphenylamine
Concen: 0.57 ng
RT: 10.77 min Scan# 760
Delta R.T. 0.13 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:169 Resp: 2444

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.3	79.9#
167	35.0	29.8	44.6

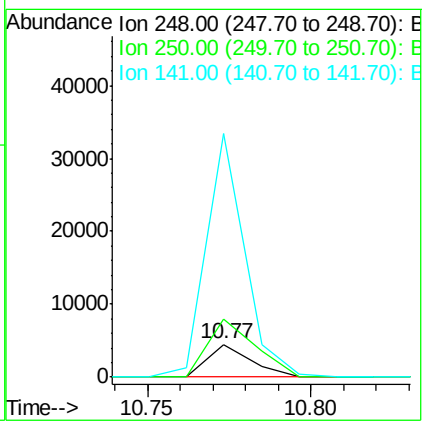


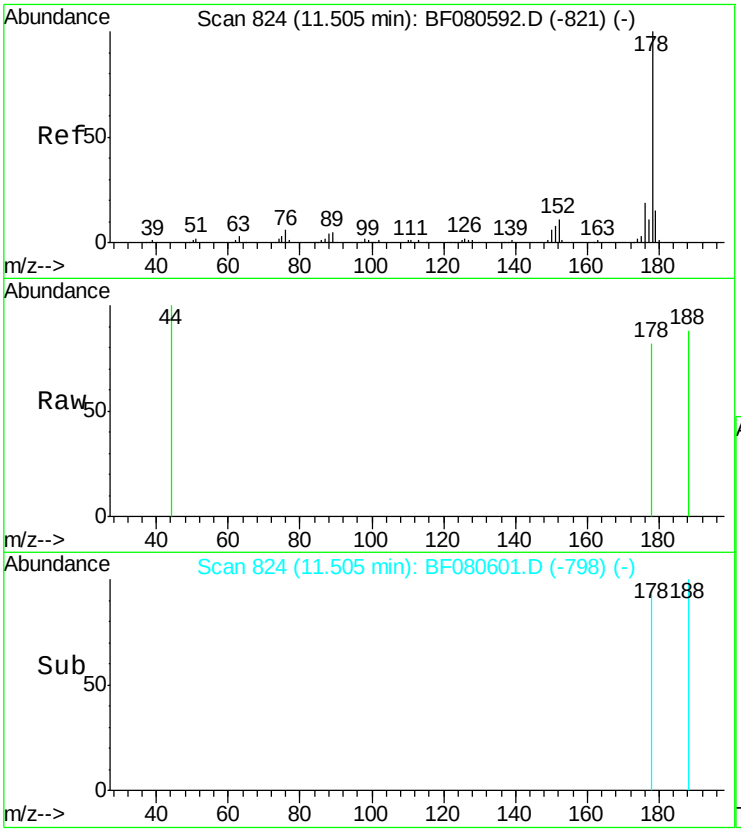


#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.25 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:248 Resp: 4117

Ion	Ratio	Lower	Upper
248	100		
250	175.9	75.4	113.2#
141	742.9	93.4	140.0#



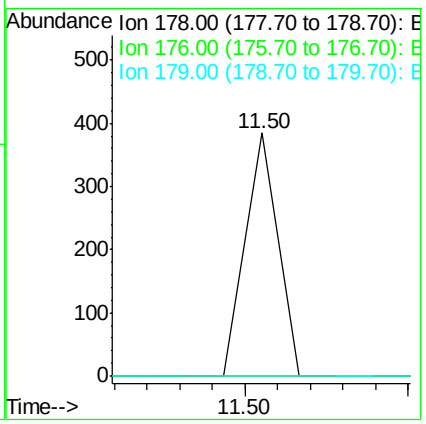


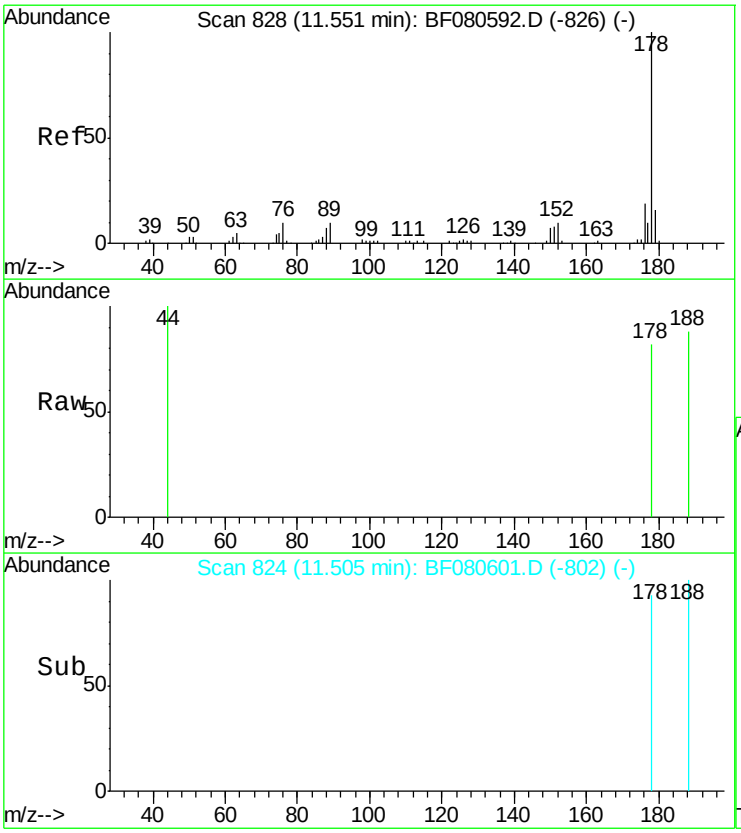
#70
Phenanthrene
Concen: 0.04 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:178 Resp: 264

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.5	18.7#

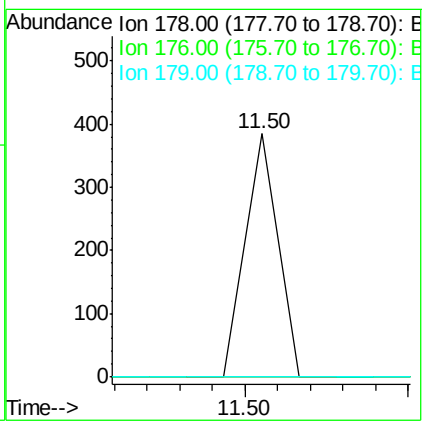


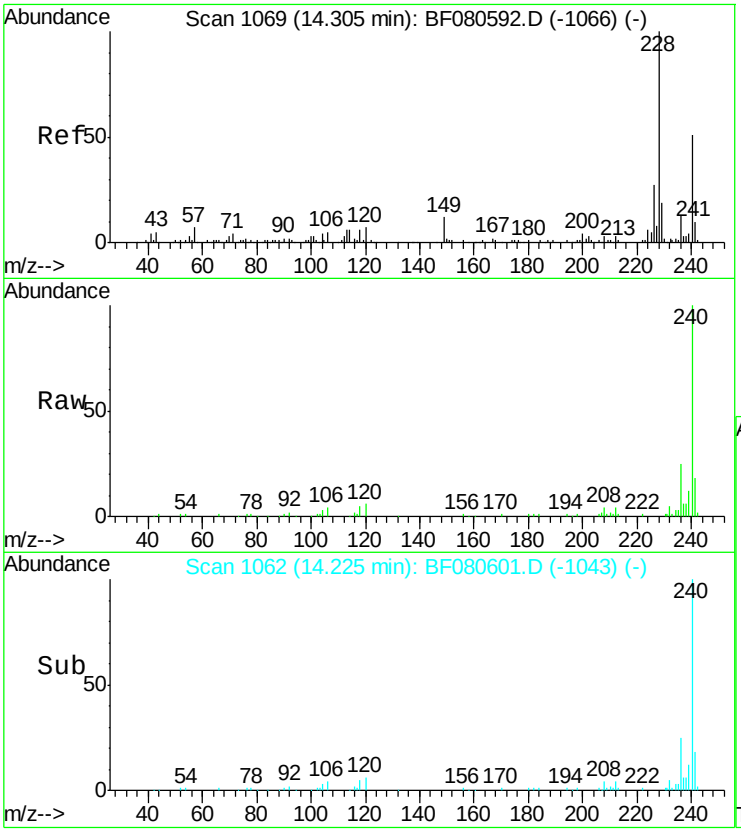


#71
Anthracene
Concen: 0.04 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.05 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:178 Resp: 264

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	0.0	12.0	18.0#



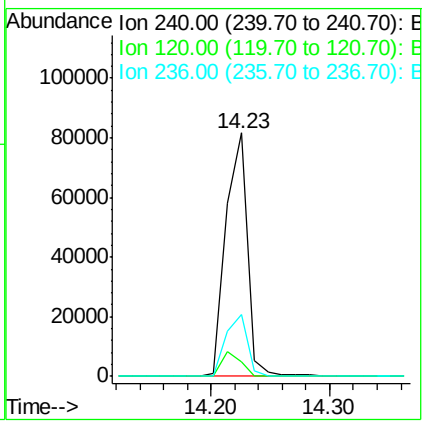


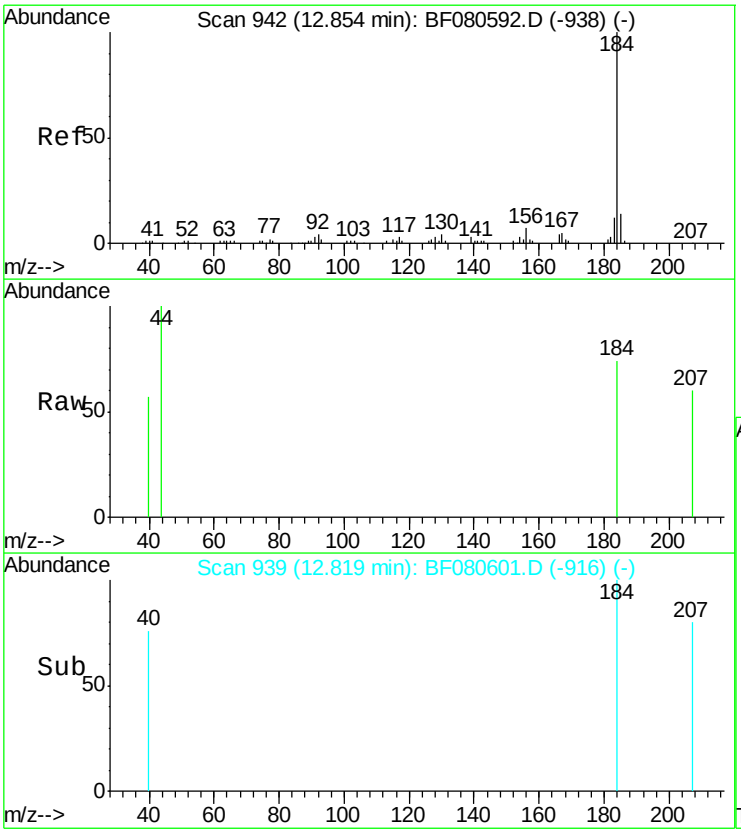
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.23 min Scan# 1062
Delta R.T. -0.08 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:240 Resp: 101815

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.9	14.9#
236	25.5	19.1	28.7

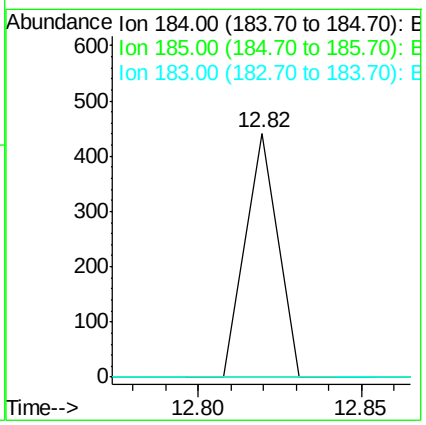


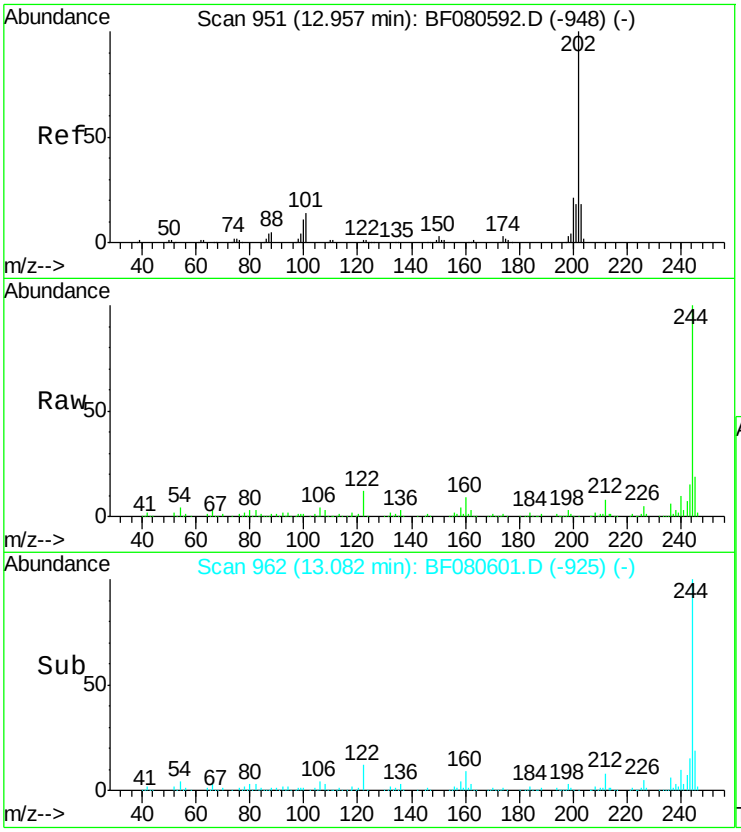


#76
Benzidine
Concen: 0.10 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:184 Resp: 303

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.2	16.8#
183	0.0	9.6	14.4#



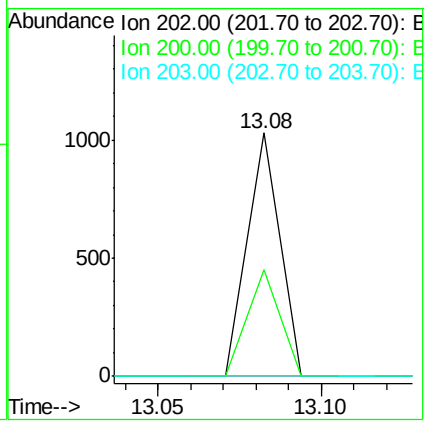


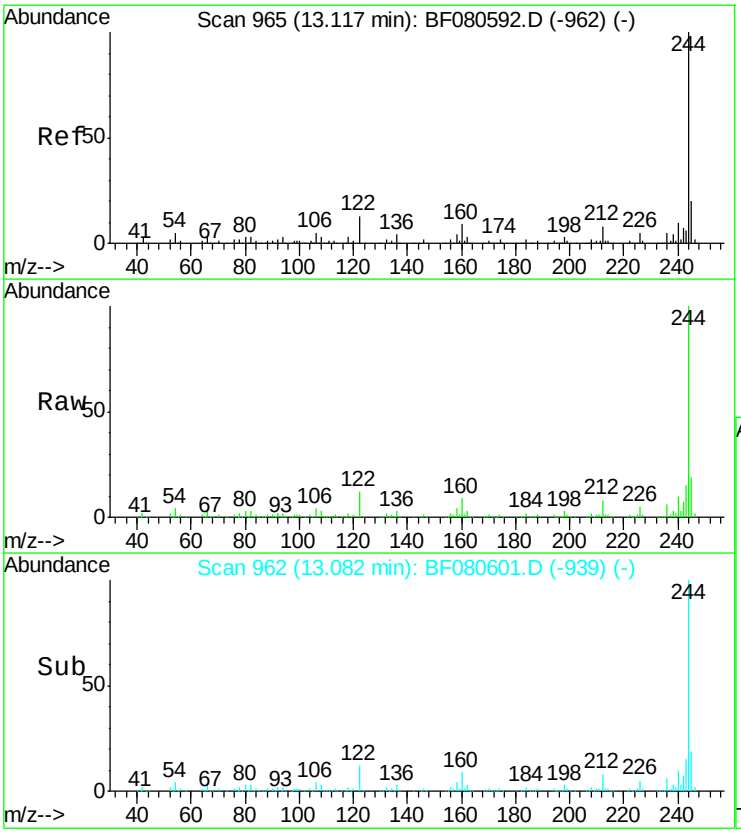
#77
Pyrene
Concen: 0.10 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.13 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:202 Resp: 707

Ion	Ratio	Lower	Upper
202	100		
200	43.6	16.9	25.3#
203	0.0	14.5	21.7#

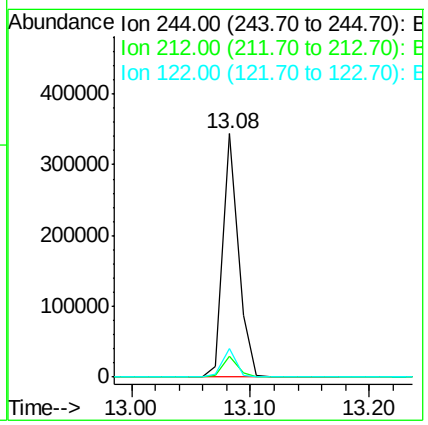


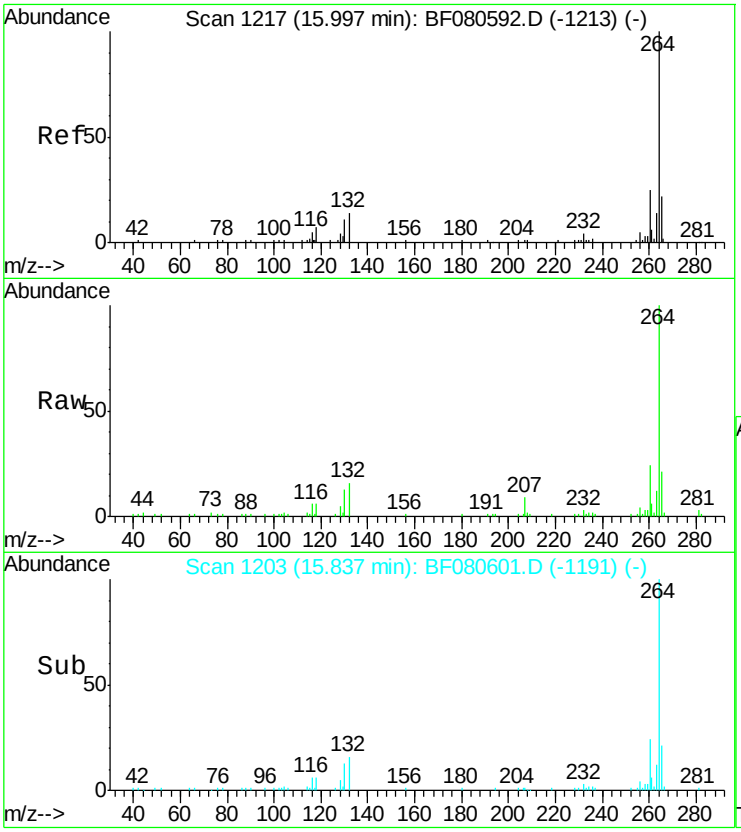


#78
Terphenyl-d14
Concen: 63.36 ng
RT: 13.08 min Scan# 962
Delta R.T. -0.03 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:244 Resp: 308258

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	11.7	8.2	12.2



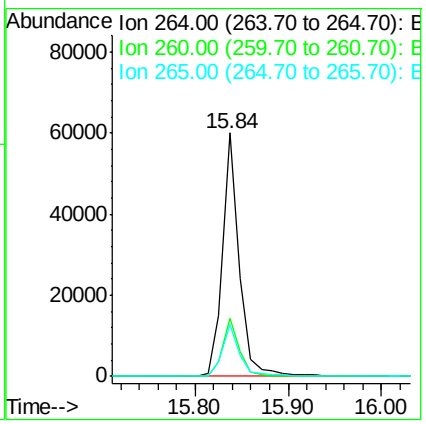


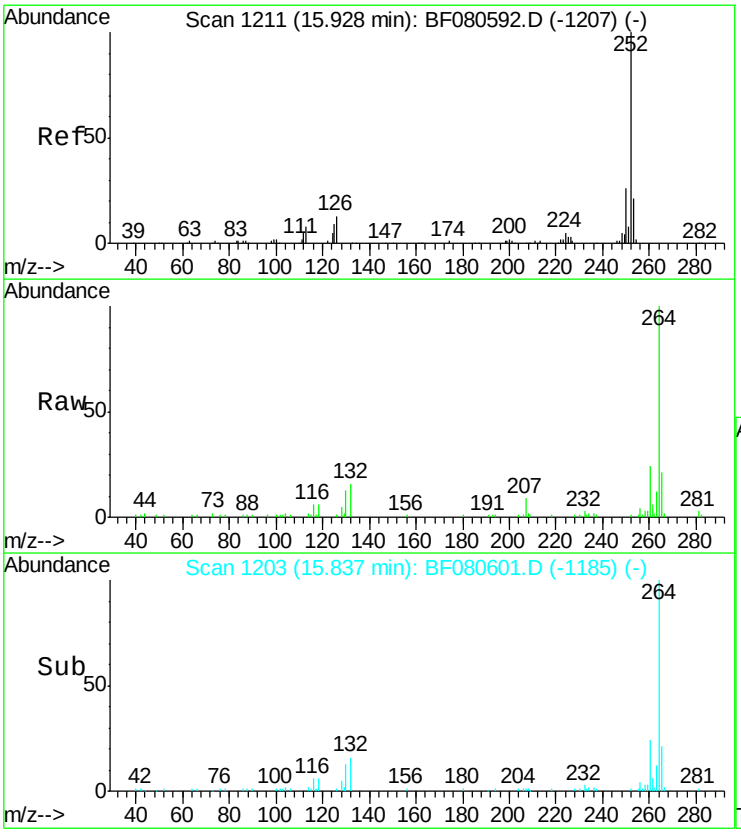
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.84 min Scan# 1203
Delta R.T. -0.16 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB84614BL

Tgt Ion:264 Resp: 74780

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.8	26.8
265	21.4	15.6	23.4





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.84 min Scan# 1203
Delta R.T. -0.09 min
Lab File: BF080601.D
Acq: 23 Jul 2015 19:44

Tgt Ion:252 Resp: 217

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.6#
125	0.0	11.2	16.8#