Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
Data File : BF080479.D
Acq On : 15 Jul 2015 8:10
Operator : TP/UM
Sample : PB84497BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84497BL

Quant Time: Jul 15 08:44:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	20348	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	87703	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	43114	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	97912	20.00	ng	0.00
75) Chrysene-d12	14.56	240	103641	20.00	ng	0.08
86) Perylene-d12	16.32	264	108755	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	136780	109.87	ng	0.00
7) Phenol-d6	6.76	99	182527	119.81	ng	-0.01
23) Nitrobenzene-d5	7.69	82	107523	67.11	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	37956	93.14	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	216505	68.80	ng	0.00
78) Terphenyl-d14	13.32	244	291490	67.79	ng	0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.90	77	3509	3.77	ng	# 70
15) Benzyl Alcohol	7.28	79	1616	1.48	ng	# 42
19) n-Nitroso-di-n-propylamine	7.69	70	13560	13.14	ng	# 80
24) Nitrobenzene	7.69	77	261	0.15	ng	# 41
25) Isophorone	7.69	82	107521	36.35	ng	# 71
45) 1,1'-Biphenyl	9.48	154	413	0.11	ng	# 1
50) 2,6-Dinitrotoluene	10.17	165	5461	7.43	ng	# 20
56) 2,4-Dinitrotoluene	10.17	165	5461	6.56	ng	# 38
65) n-Nitrosodiphenylamine	10.96	169	1241	0.39	ng	# 30
66) 4-Bromophenyl-phenylether	10.97	248	2717	2.78	ng	# 1
76) Benzidine	13.32	184	3772	1.23	ng	97
77) Pyrene	13.32	202	935	0.15	ng	# 45
80) Benzo(a)anthracene	14.56	228	211	0.03	ng	# 52
82) Chrysene	14.56	228	211	0.04	ng	# 51

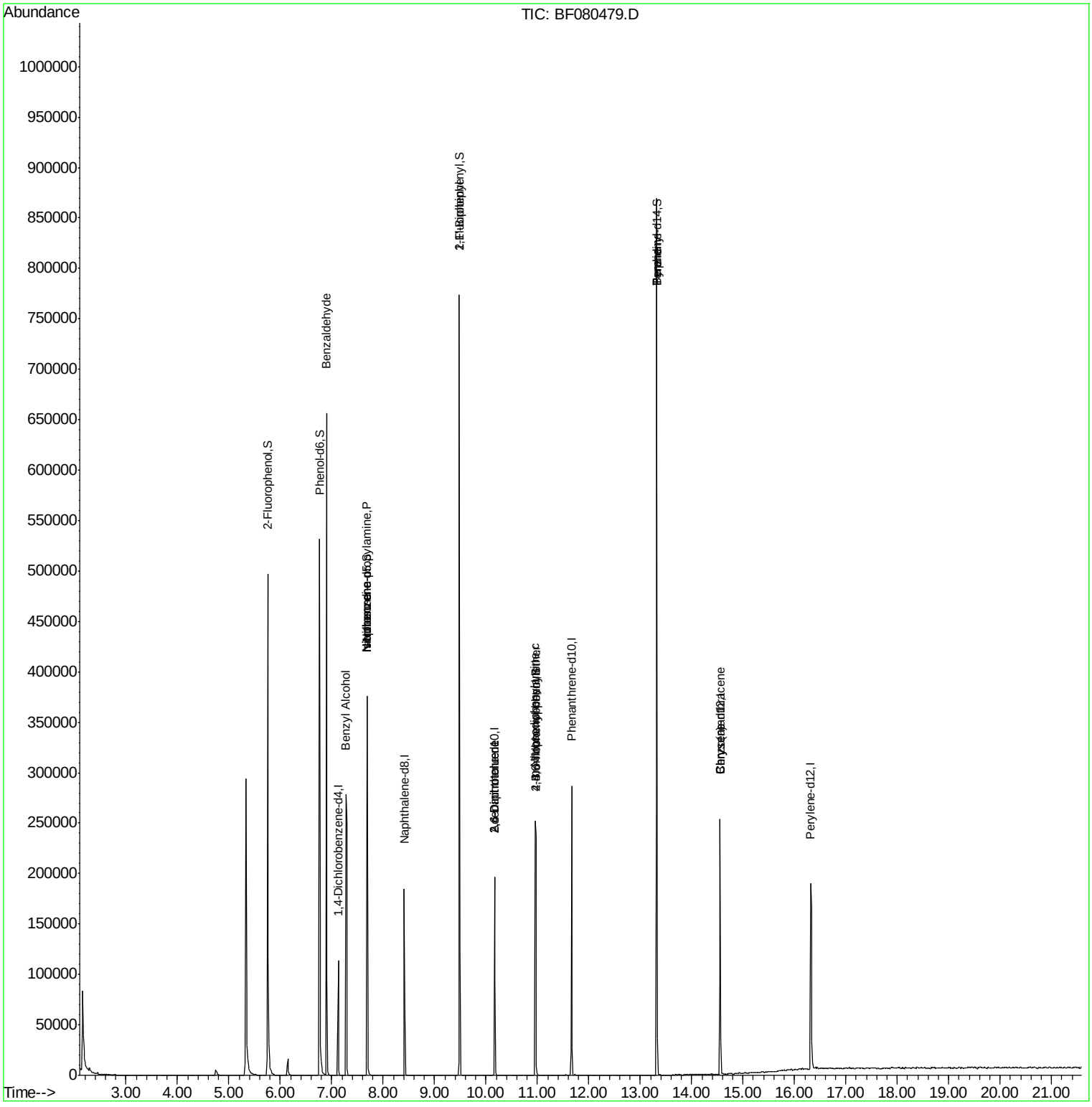
(#) = qualifier out of range (m) = manual integration (+) = signals summed

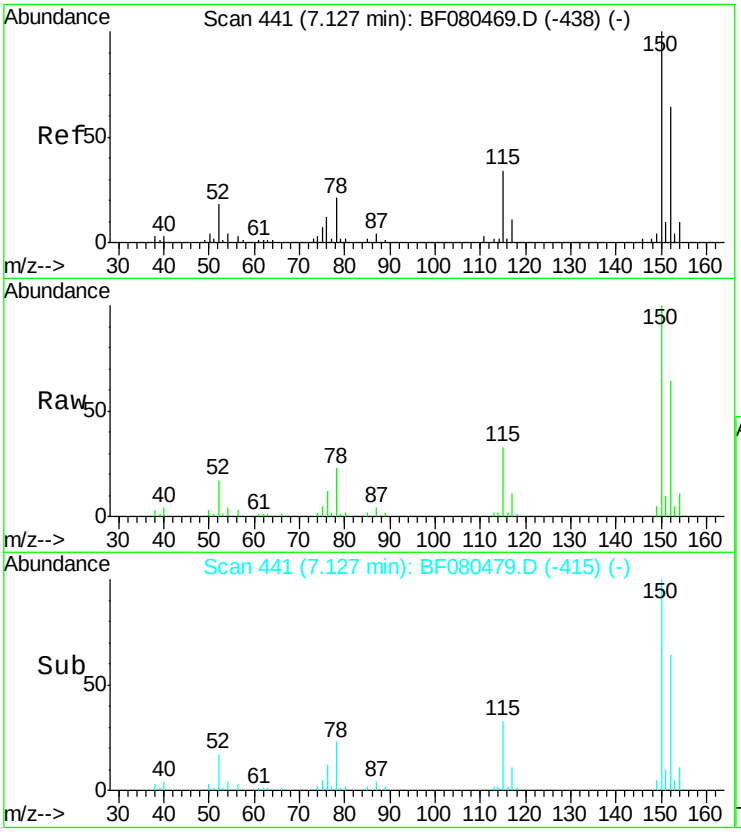
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
Data File : BF080479.D
Acq On : 15 Jul 2015 8:10
Operator : TP/UM
Sample : PB84497BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Quant Time: Jul 15 08:44:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration



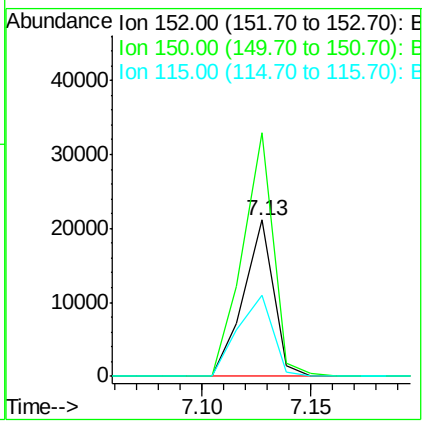


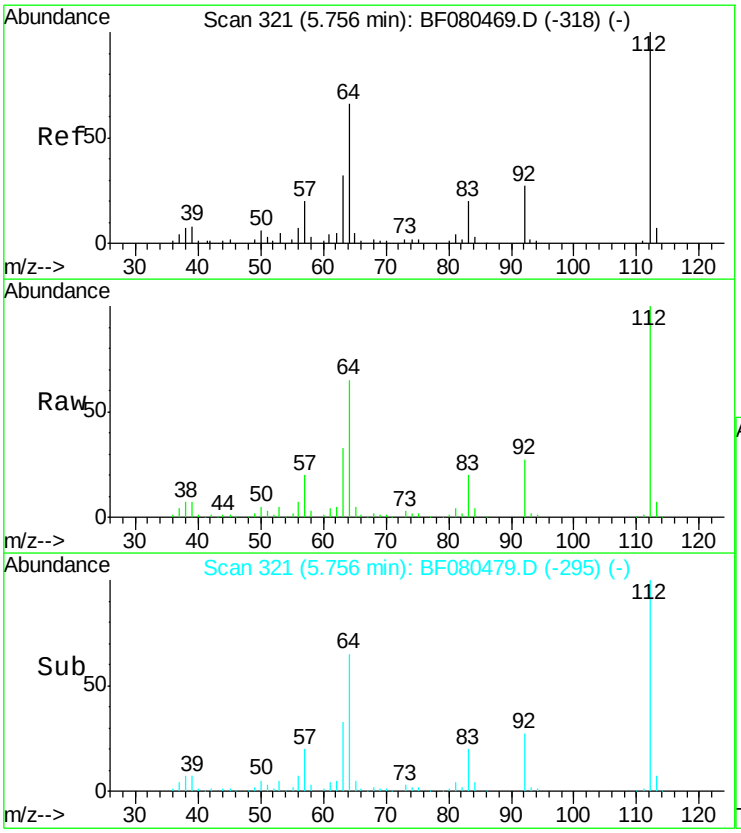
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion:152 Resp: 20348

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.5	188.3
115	51.7	42.9	64.3

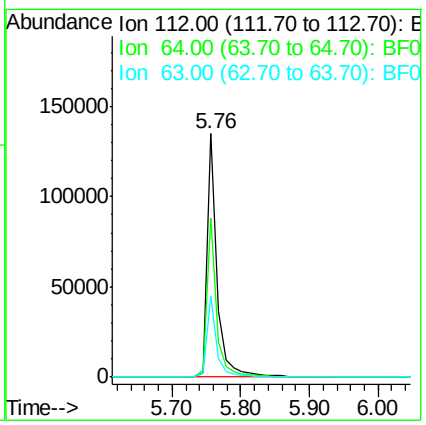


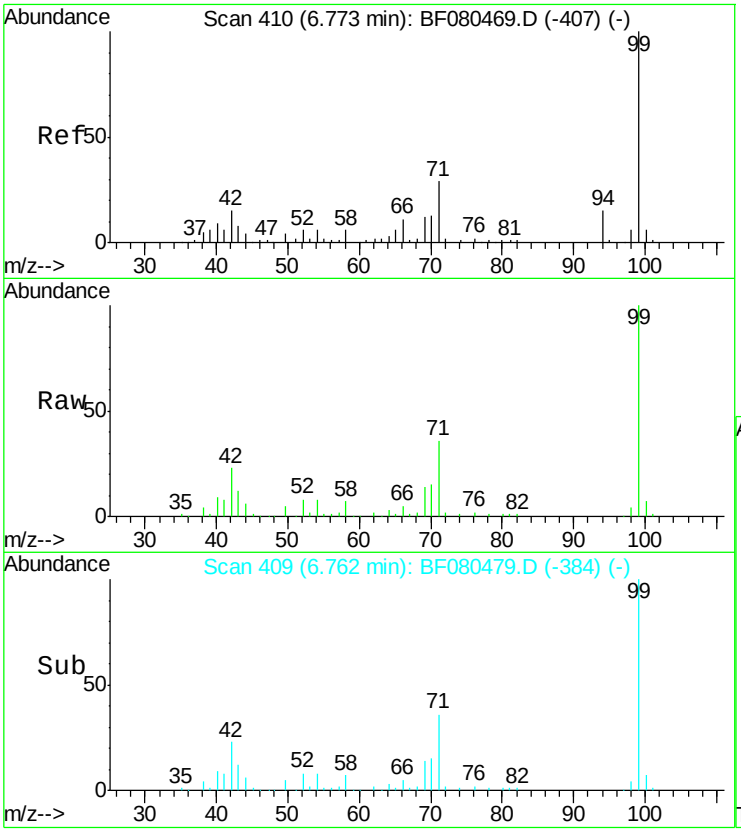


#5
2-Fluorophenol
Concen: 109.87 ng
RT: 5.76 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion:112 Resp: 136780

Ion	Ratio	Lower	Upper
112	100		
64	65.4	52.6	79.0
63	33.1	25.9	38.9



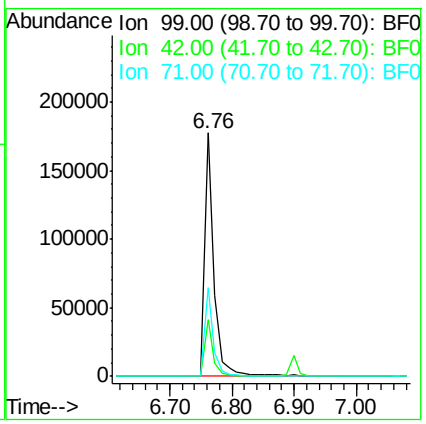


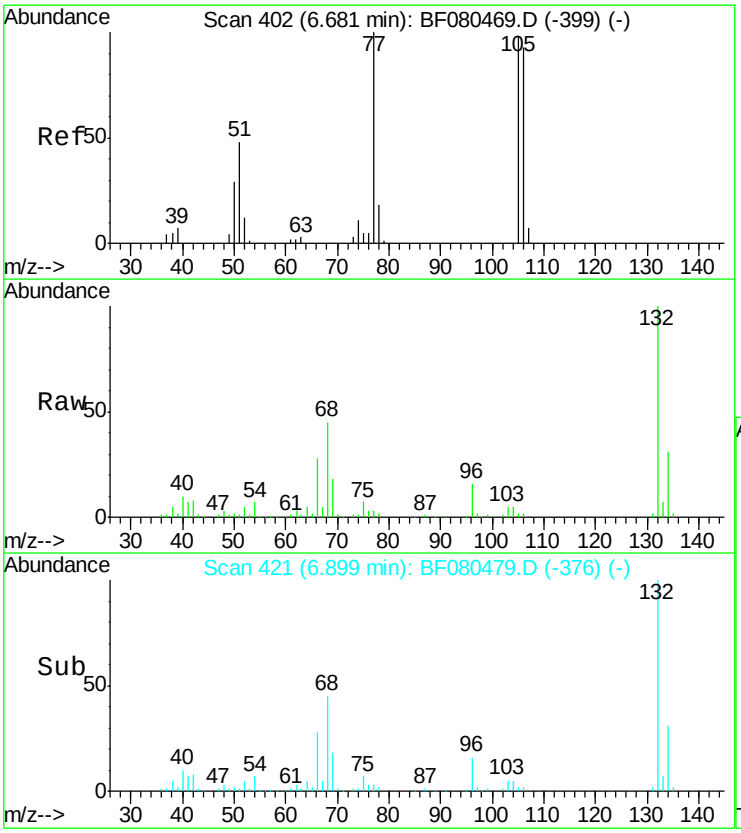
#7
Phenol-d6
Concen: 119.81 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion: 99 Resp: 182527

Ion	Ratio	Lower	Upper
99	100		
42	23.1	12.4	18.6#
71	36.2	22.9	34.3#

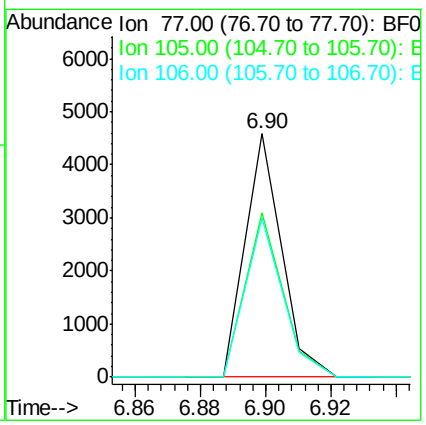


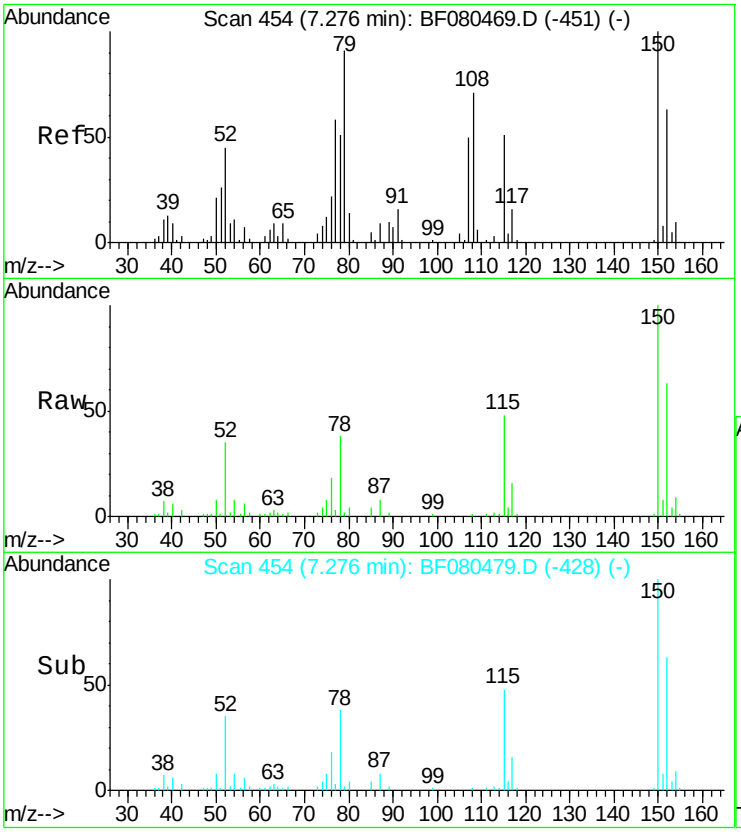


#9
Benzaldehyde
Concen: 3.77 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.22 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion: 77 Resp: 3509

Ion	Ratio	Lower	Upper
77	100		
105	67.3	77.7	117.7#
106	65.1	72.6	112.6#



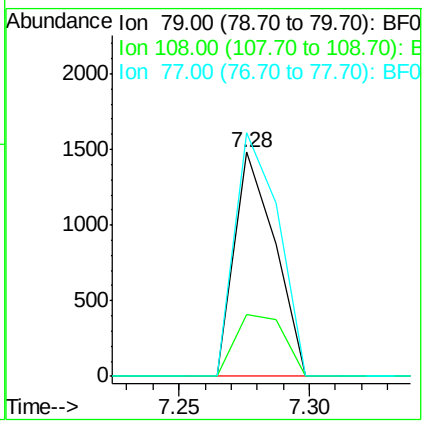


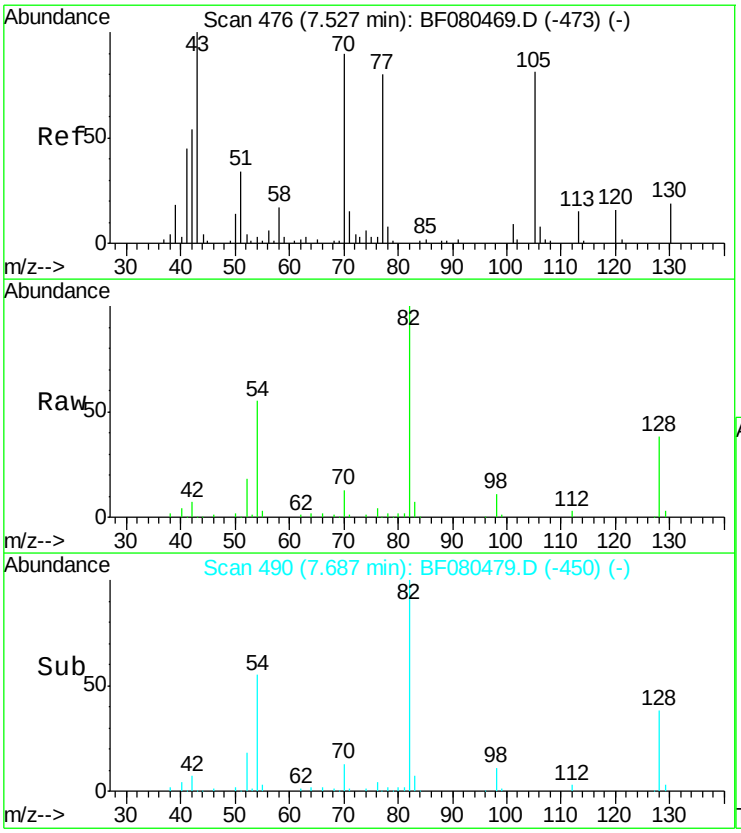
#15
Benzyl Alcohol
Concen: 1.48 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion: 79 Resp: 1616

Ion	Ratio	Lower	Upper
79	100		
108	27.9	63.0	94.4#
77	108.6	51.1	76.7#

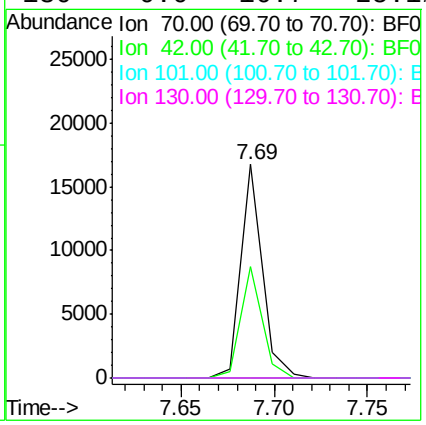


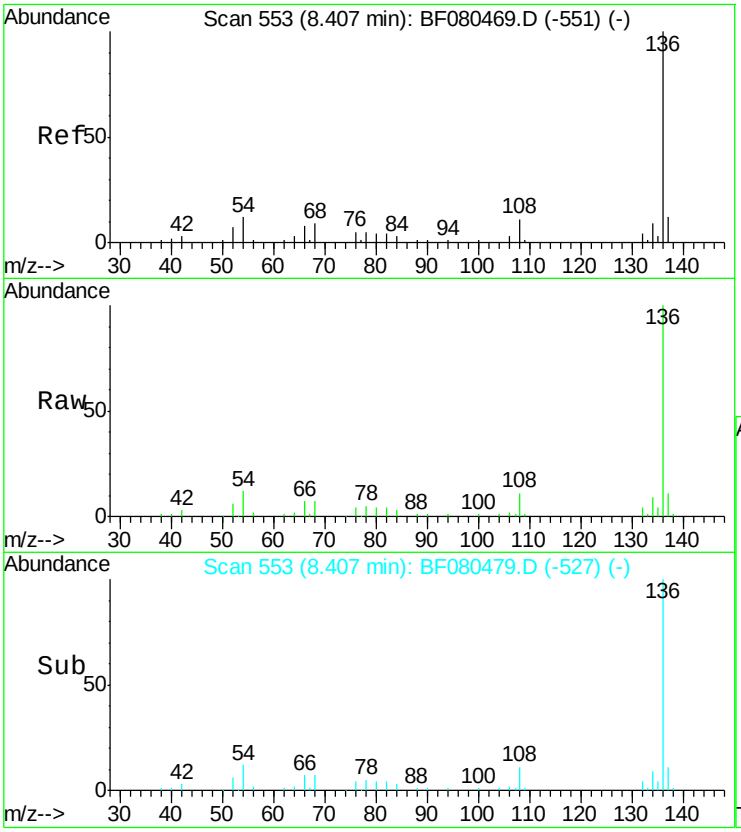


#19
n-Nitroso-di-n-propylamine
Concen: 13.14 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.16 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion: 70 Resp: 13560

Ion	Ratio	Lower	Upper
70	100		
42	52.3	48.0	72.0
101	0.0	7.8	11.6#
130	0.0	16.7	25.1#



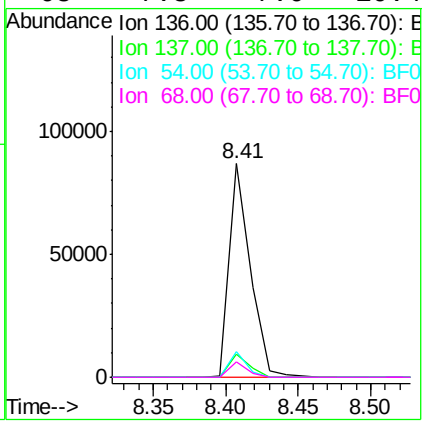


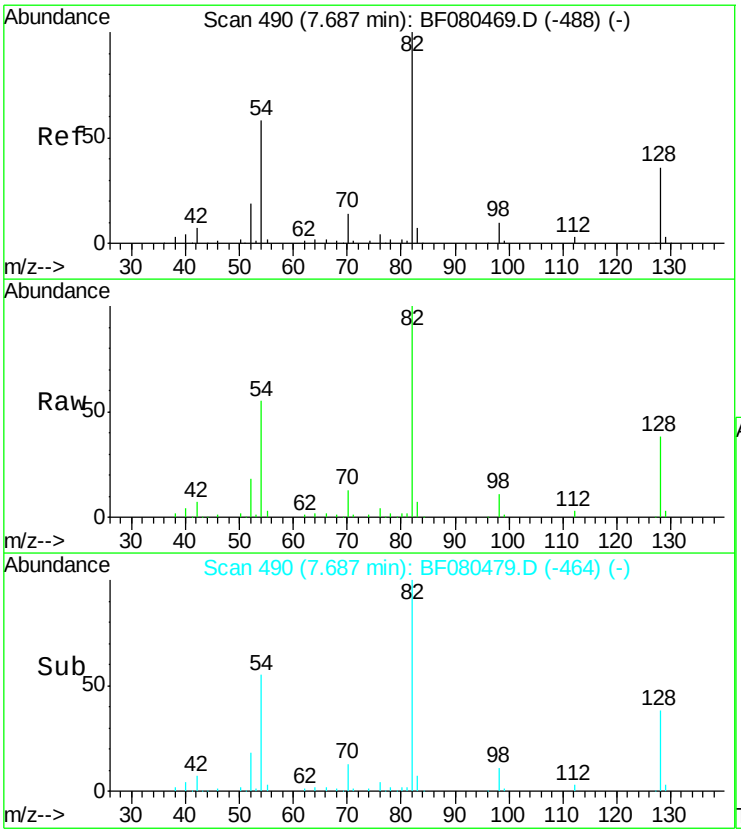
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion:136 Resp: 87703

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.5	14.3
54	11.8	9.8	14.8
68	7.3	7.0	10.4

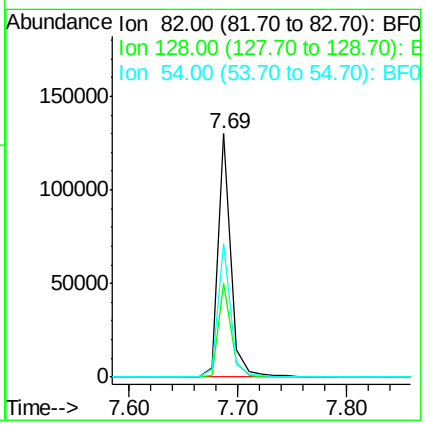


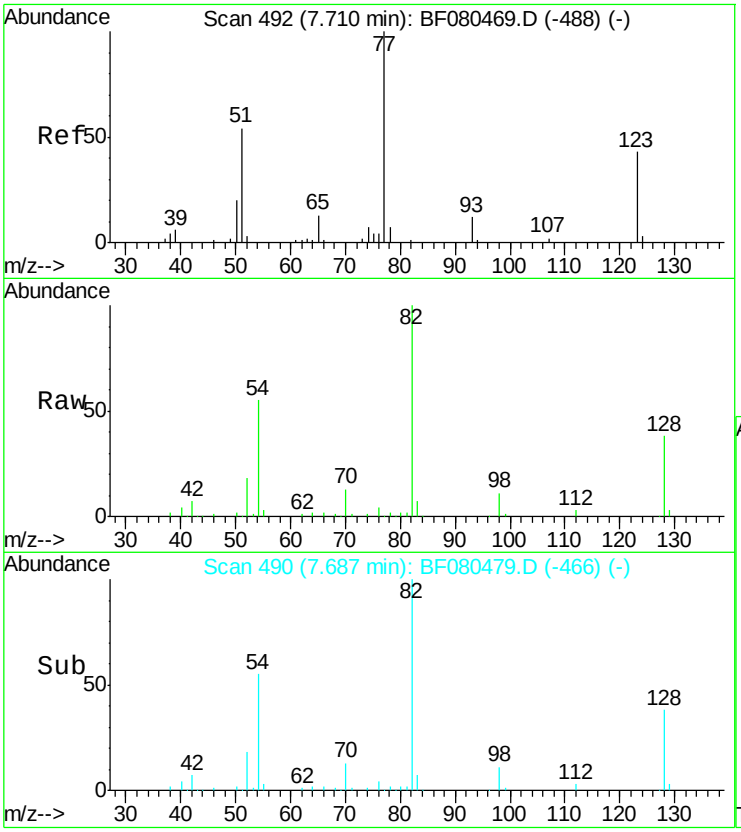


#23
Nitrobenzene-d5
Concen: 67.11 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion: 82 Resp: 107523

Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.0	43.4
54	55.0	46.4	69.6



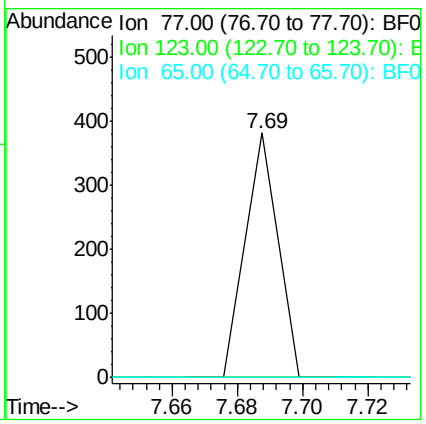


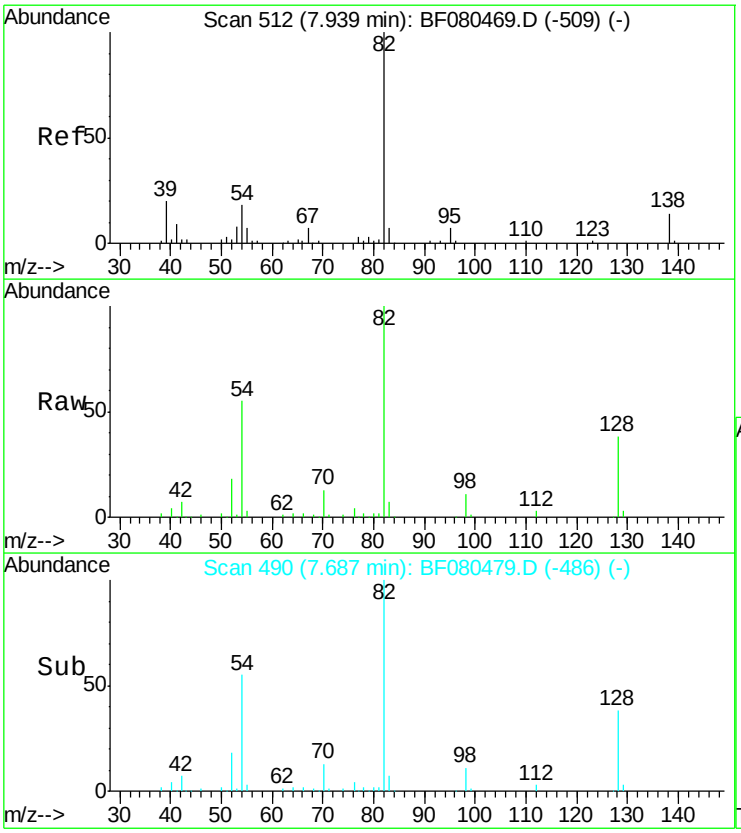
#24
Nitrobenzene
Concen: 0.15 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion: 77 Resp: 261

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.6	51.8#
65	0.0	10.2	15.2#

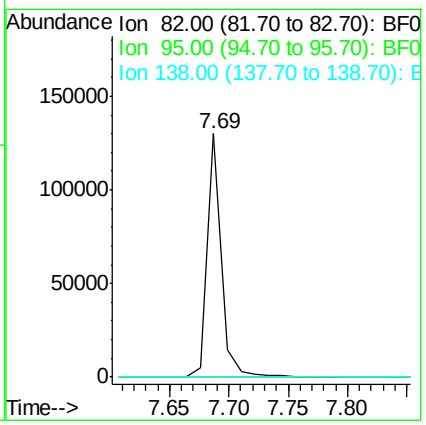


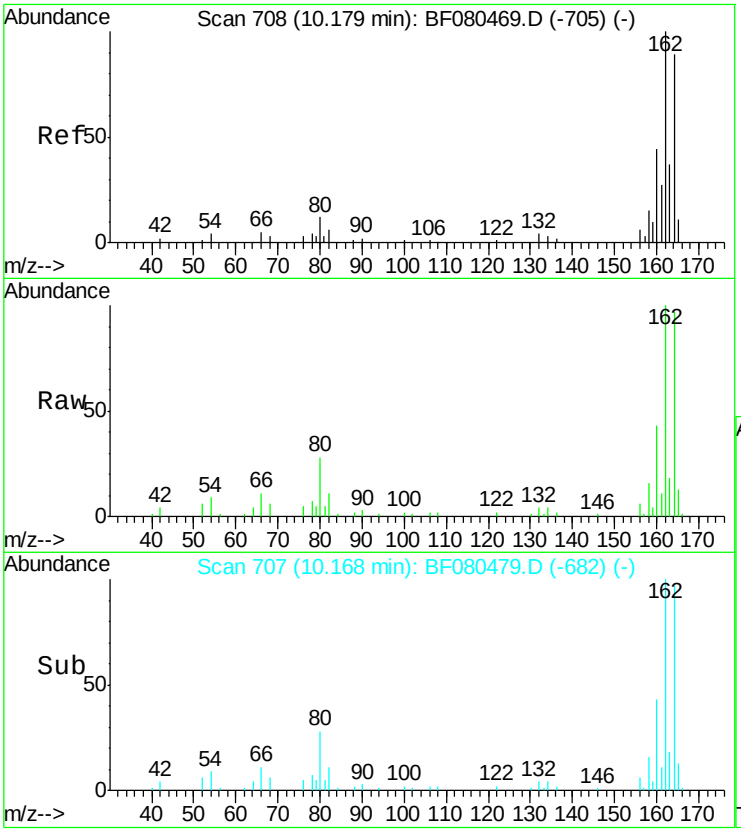


#25
Isophorone
Concen: 36.35 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.25 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion: 82 Resp: 107521

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	10.8	16.2#



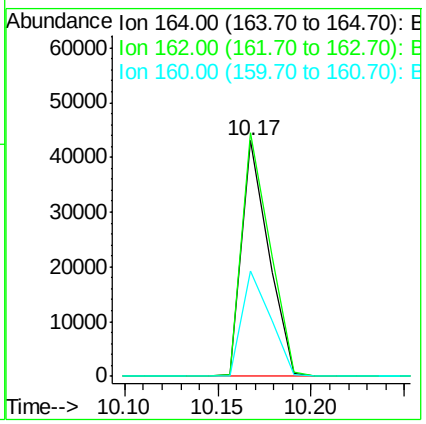


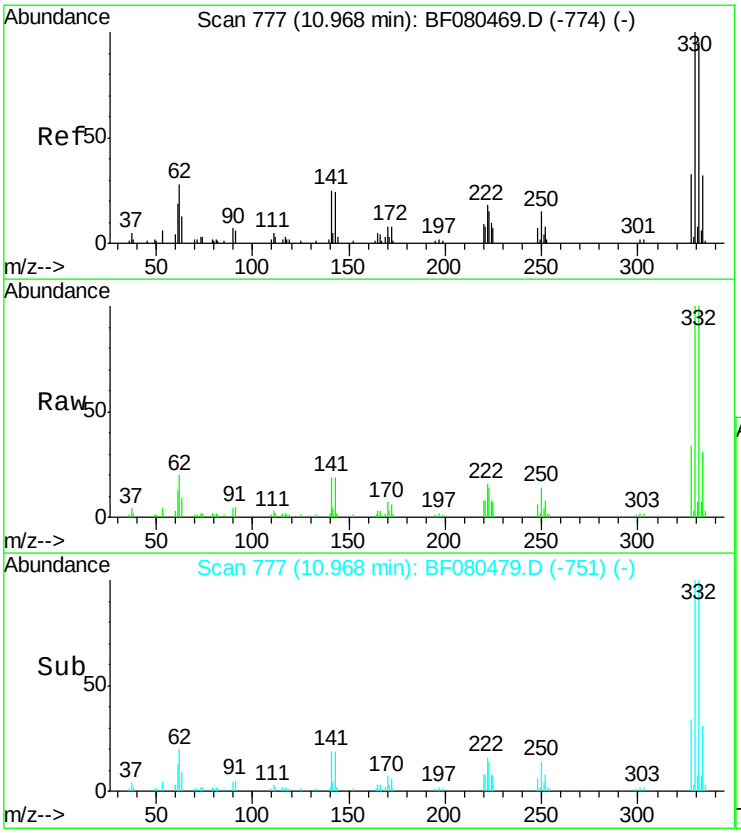
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion:164 Resp: 43114

Ion	Ratio	Lower	Upper
164	100		
162	103.3	89.8	134.8
160	44.6	39.5	59.3

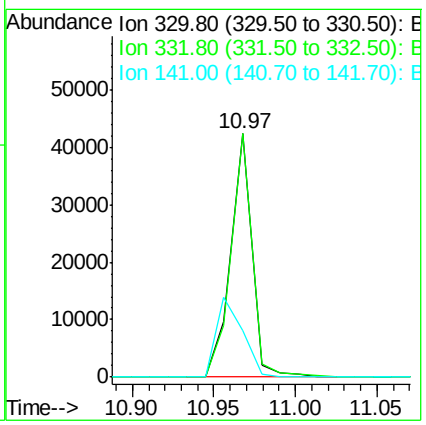


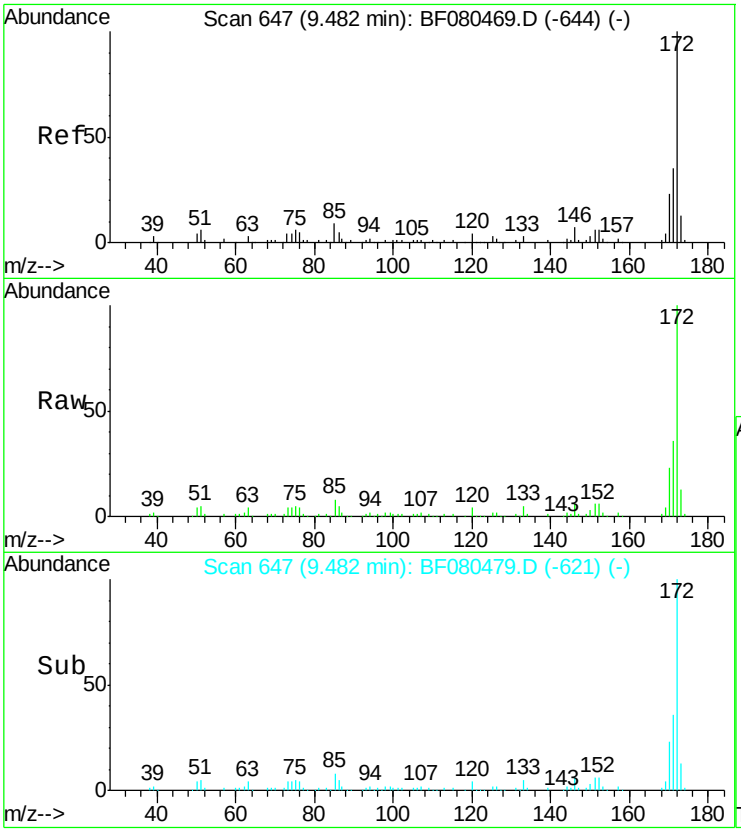


#41
2,4,6-Tribromophenol
Concen: 93.14 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion:330 Resp: 37956

Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.2	114.4
141	40.7	29.8	44.6



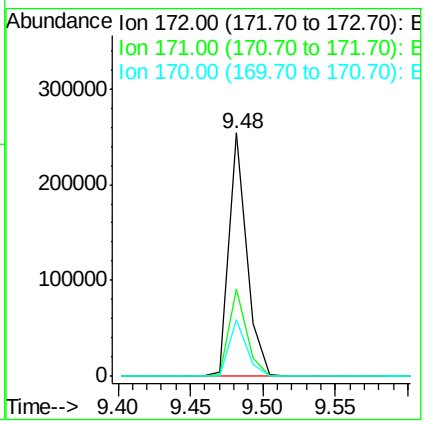


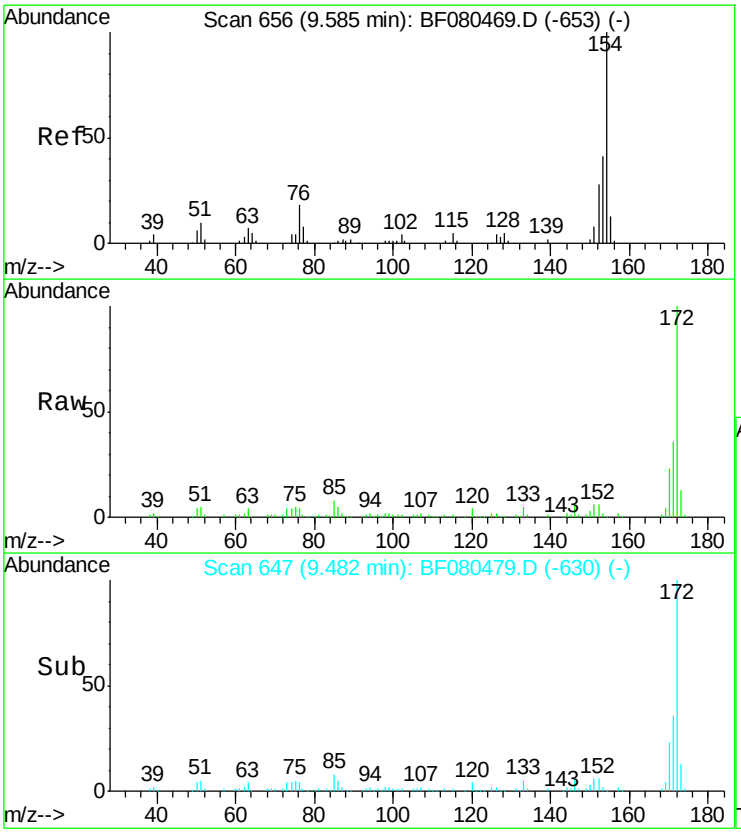
#44
2-Fluorobiphenyl
Concen: 68.80 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion:172 Resp: 216505

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.9	41.9
170	23.2	18.5	27.7

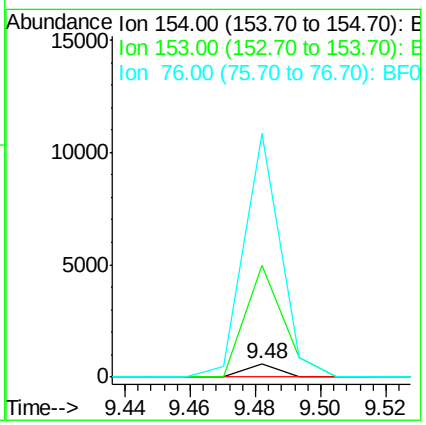


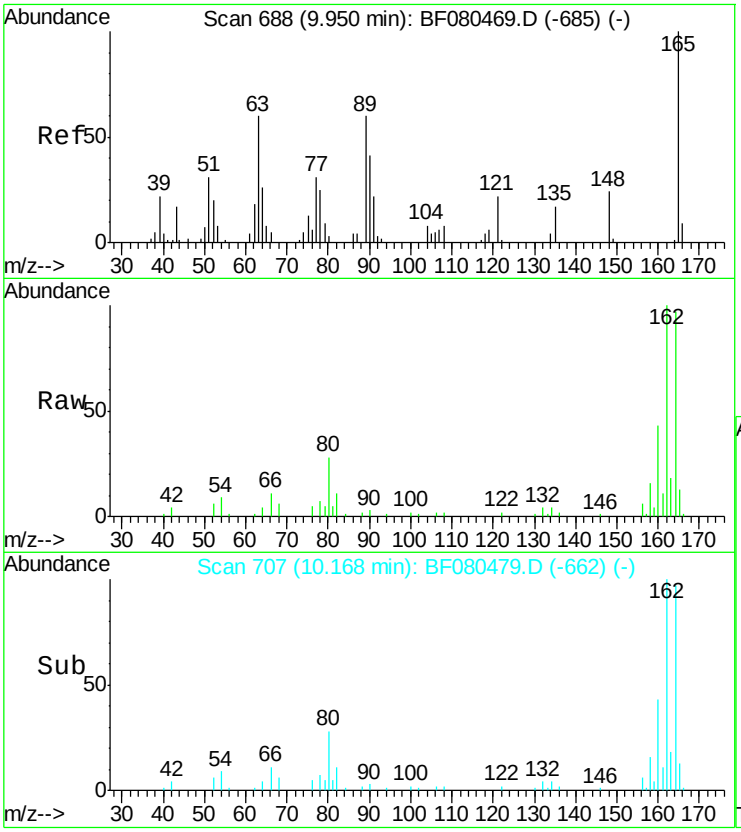


#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.10 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion:154 Resp: 413

Ion	Ratio	Lower	Upper
154	100		
153	823.1	20.8	60.8#
76	1800.0	0.0	37.7#



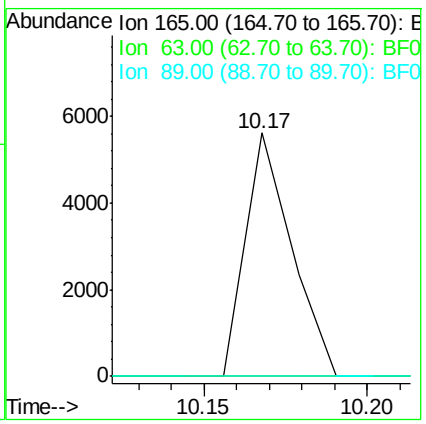


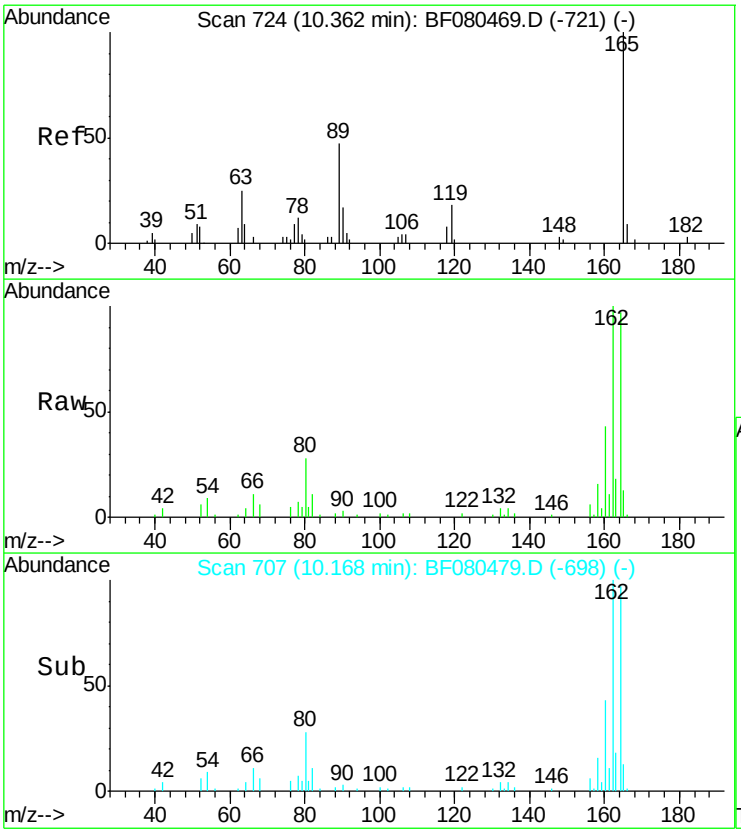
#50
2,6-Dinitrotoluene
Concen: 7.43 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.22 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion:165 Resp: 5461

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.6	74.4#
89	0.0	47.6	71.4#

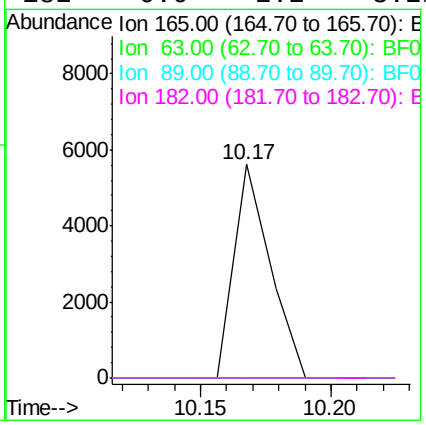


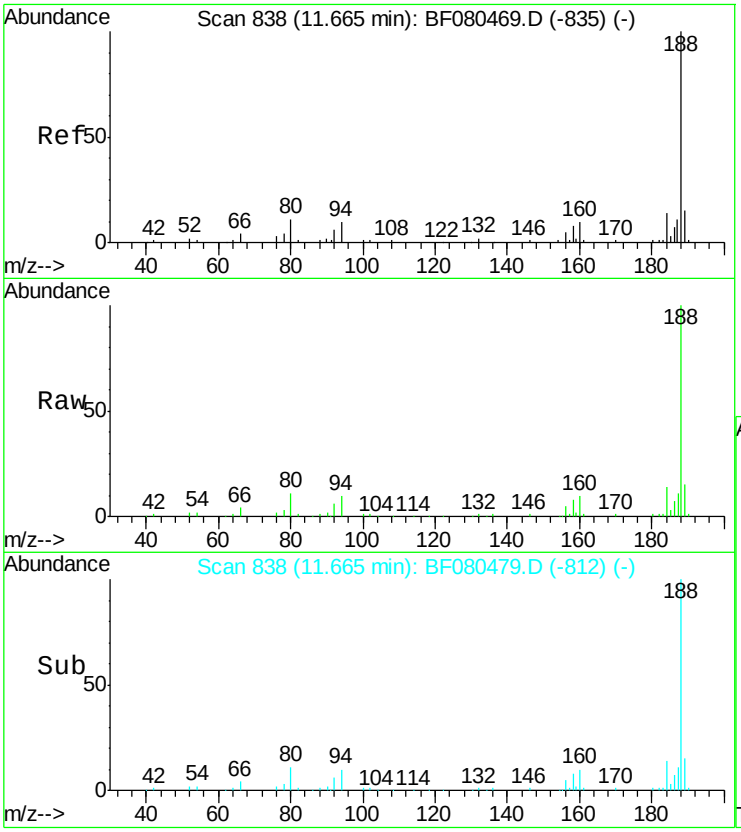


#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion:165 Resp: 5461

Ion	Ratio	Lower	Upper
165	100		
63	0.0	21.7	32.5#
89	0.0	37.4	56.2#
182	0.0	2.2	3.2#



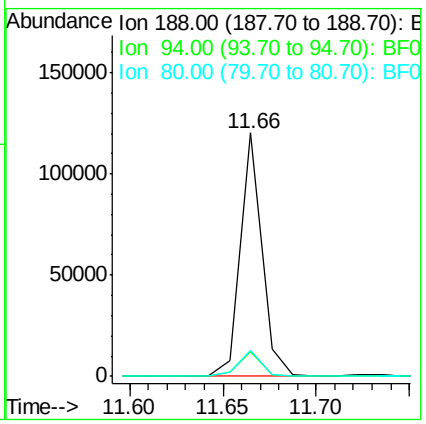


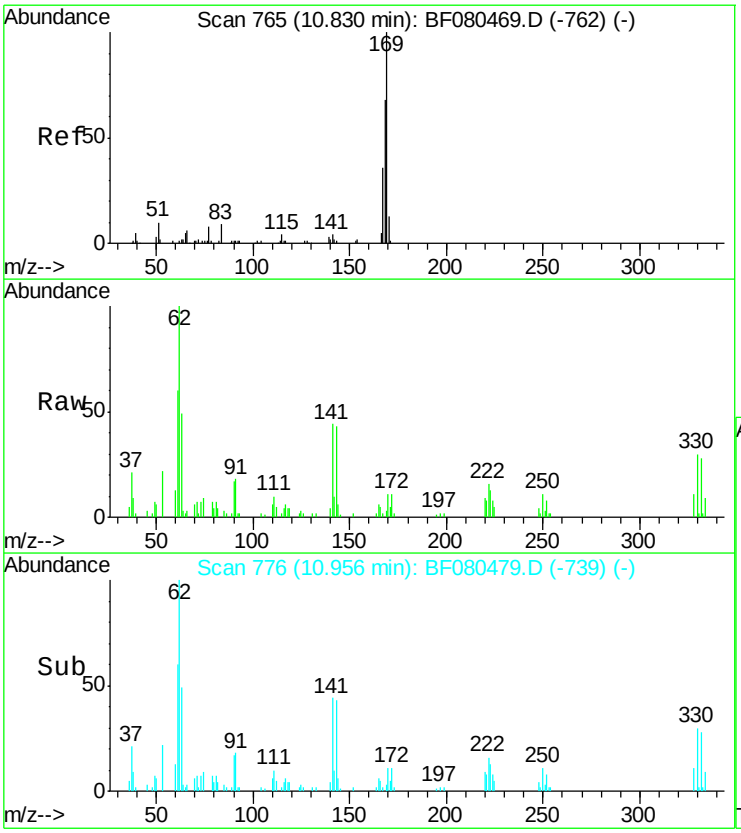
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion:188 Resp: 97912

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.7	11.5
80	10.9	8.8	13.2

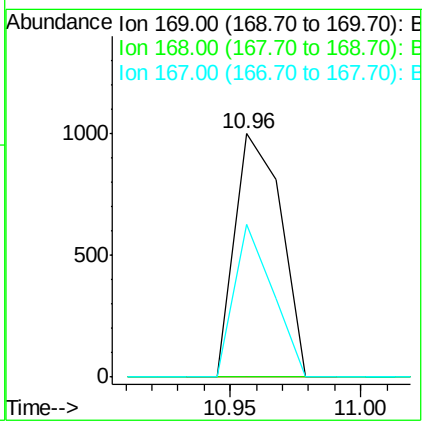


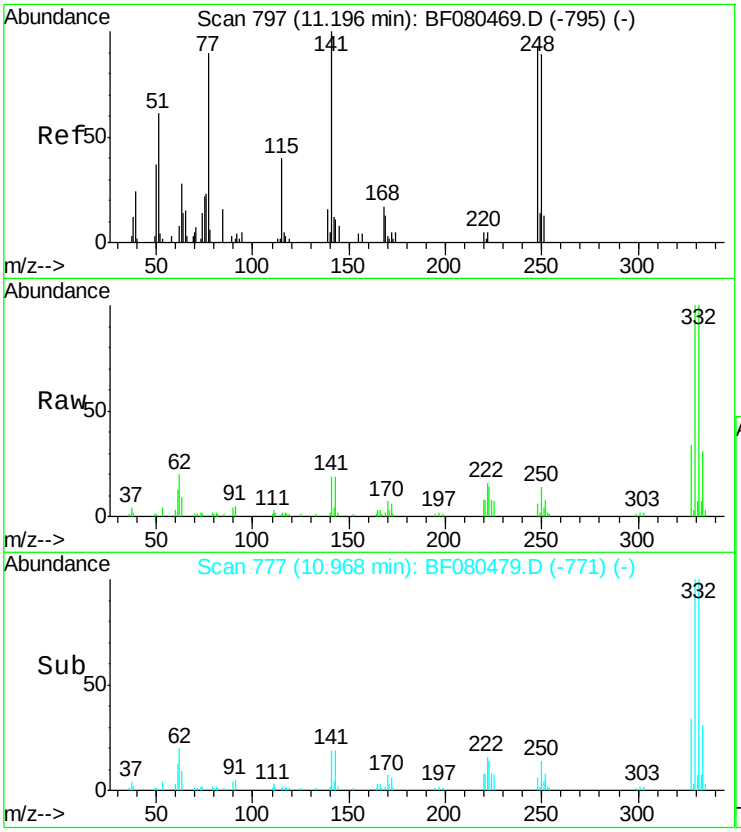


#65
n-Nitrosodiphenylamine
Concen: 0.39 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.13 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion:169 Resp: 1241

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.1	81.1#
167	62.8	29.0	43.6#



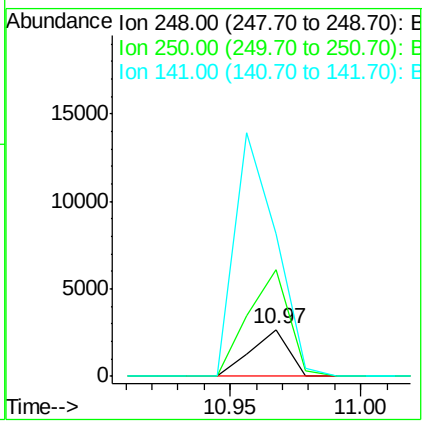


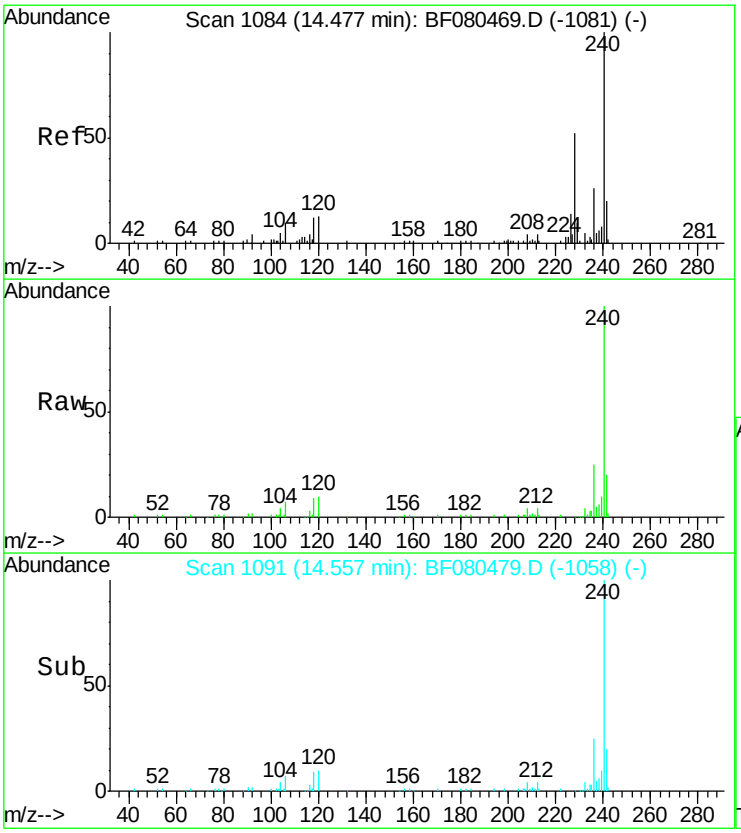
#66
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.23 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion:248 Resp: 2717

Ion	Ratio	Lower	Upper
248	100		
250	227.1	76.8	115.2#
141	301.6	86.3	129.5#

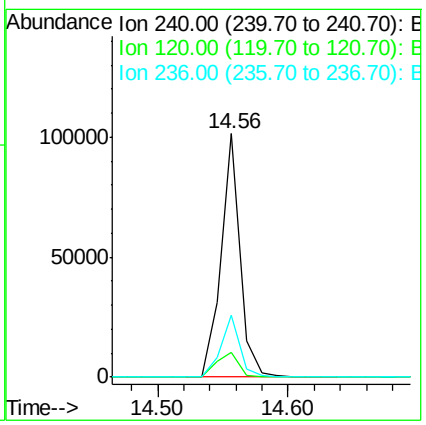


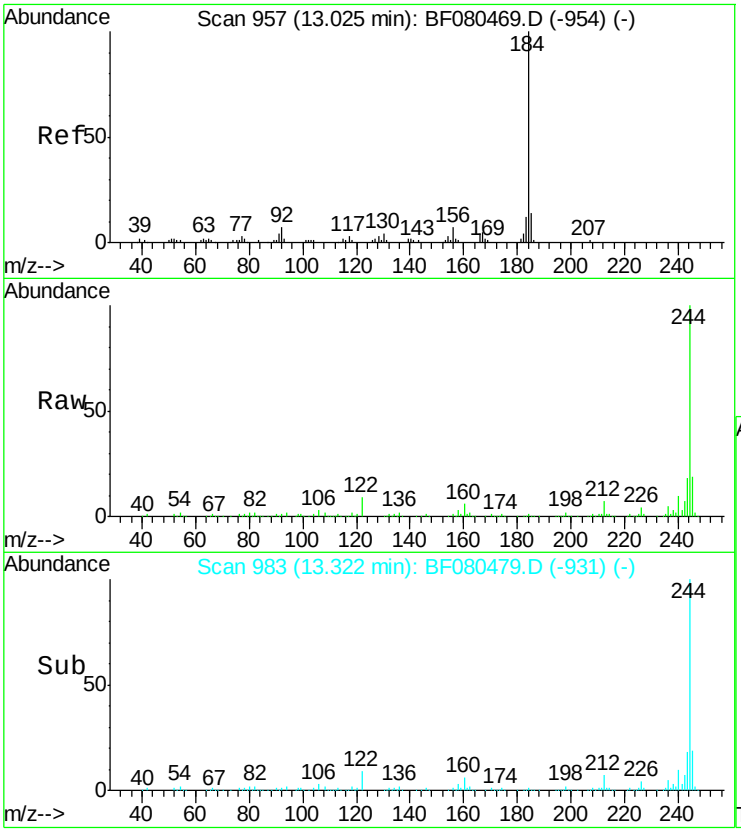


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.08 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion:240 Resp: 103641

Ion	Ratio	Lower	Upper
240	100		
120	9.9	10.2	15.4#
236	25.4	20.6	30.8



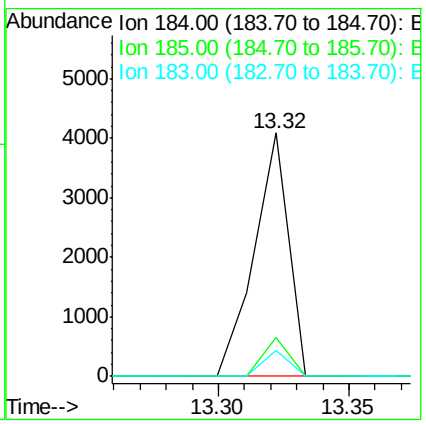


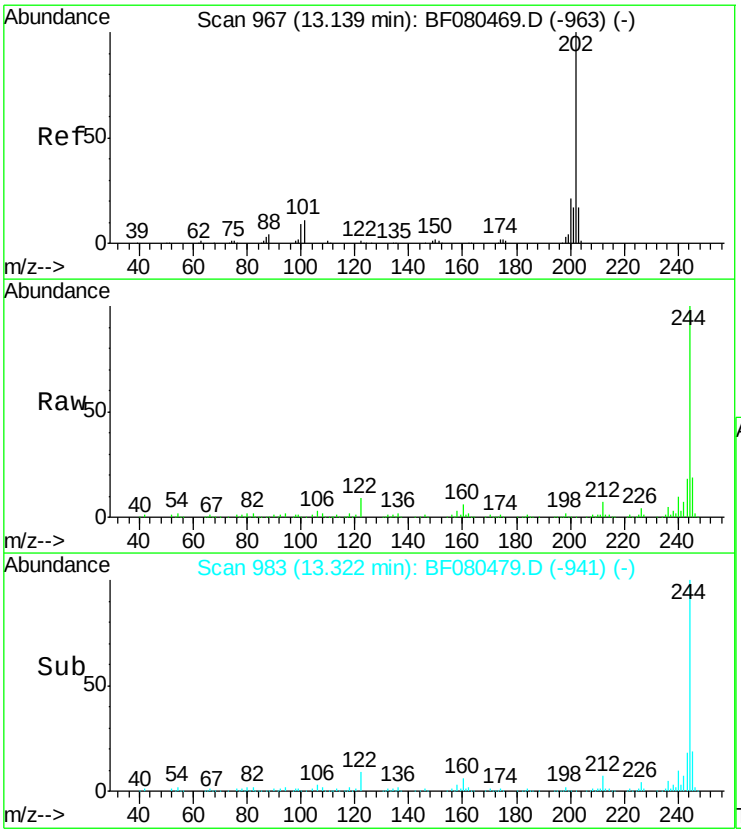
#76
Benzidine
Concen: 1.23 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.30 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion:184 Resp: 3772

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.2	16.8
183	10.8	9.3	13.9

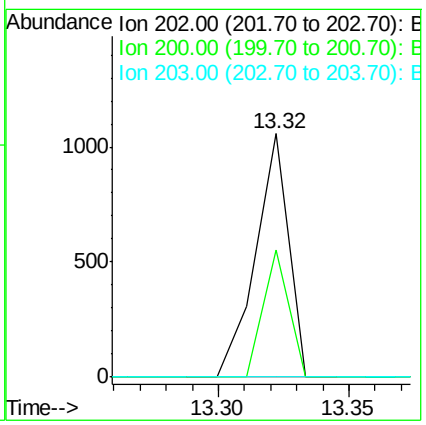


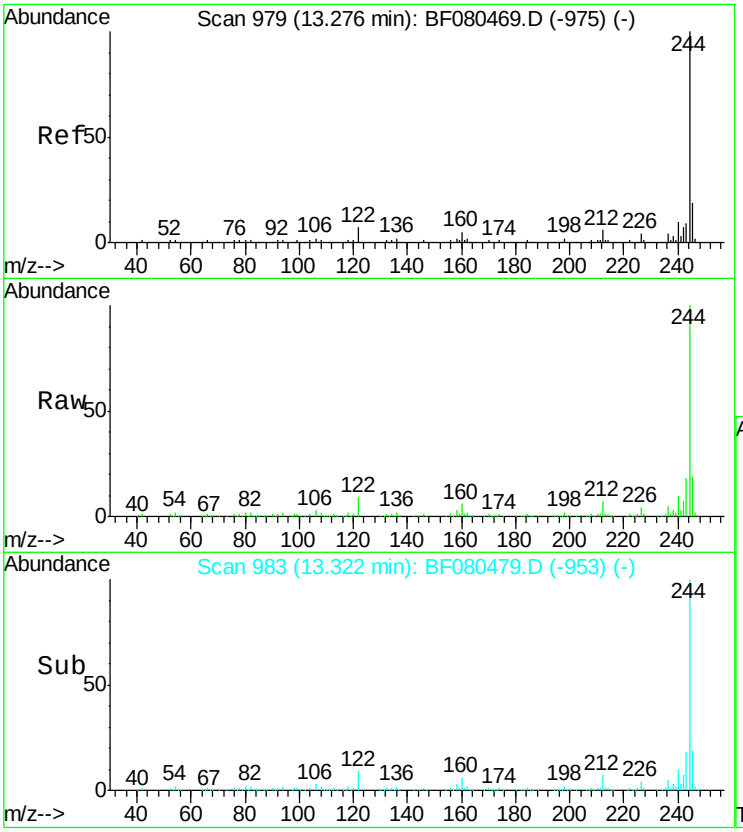


#77
Pyrene
Concen: 0.15 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.18 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion:202 Resp: 935

Ion	Ratio	Lower	Upper
202	100		
200	52.5	16.6	24.8#
203	0.0	13.8	20.6#



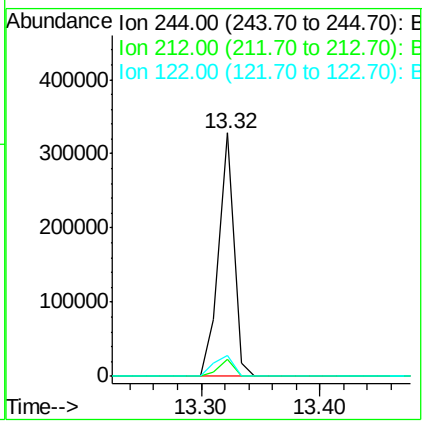


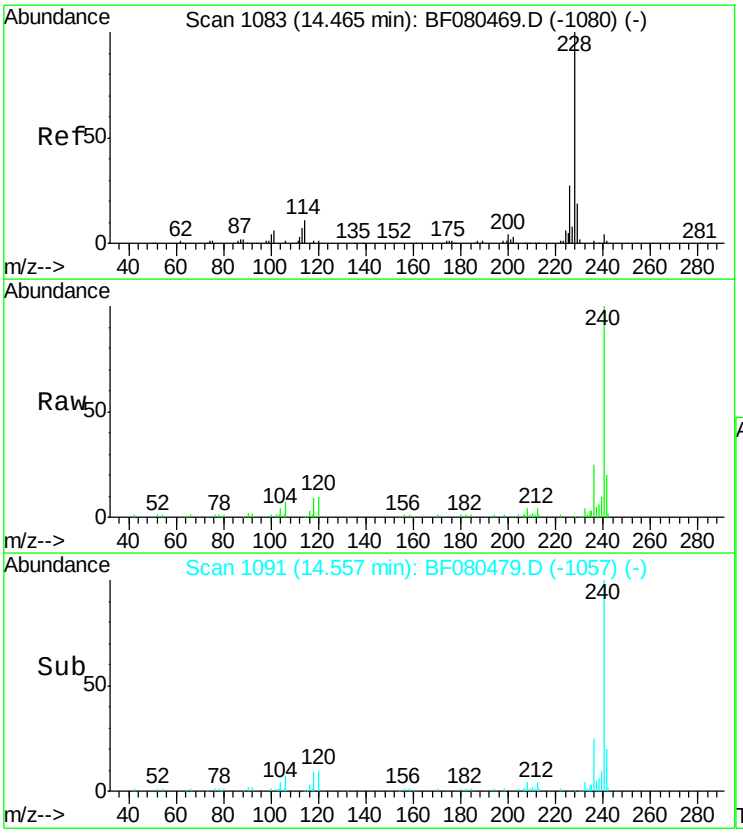
#78
Terphenyl-d14
Concen: 67.79 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.05 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion:244 Resp: 291490

Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	8.7	5.2	7.8#

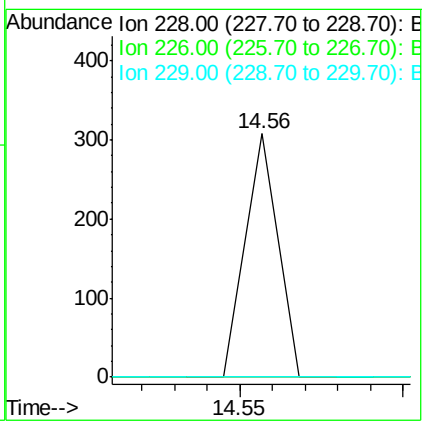


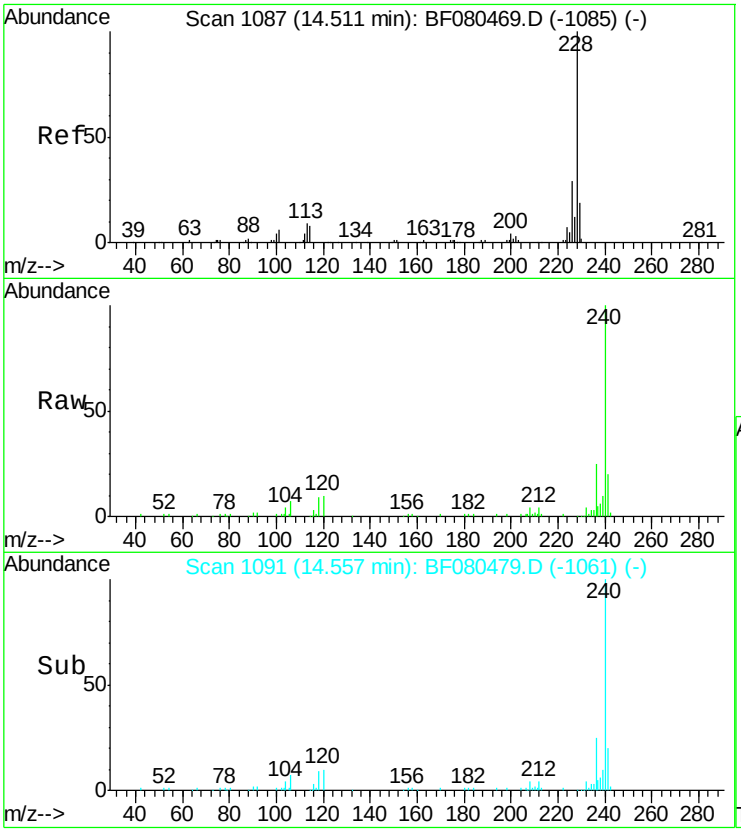


#80
Benzo(a)anthracene
Concen: 0.03 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.09 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion:228 Resp: 211

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.8	32.8#
229	0.0	15.3	22.9#



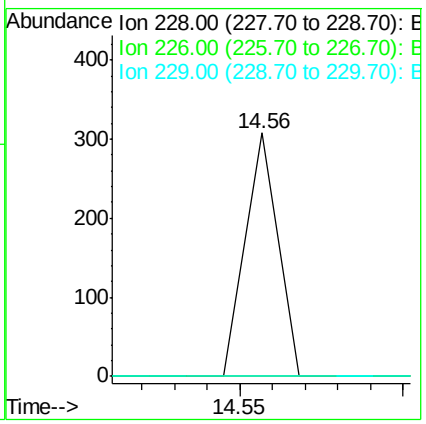


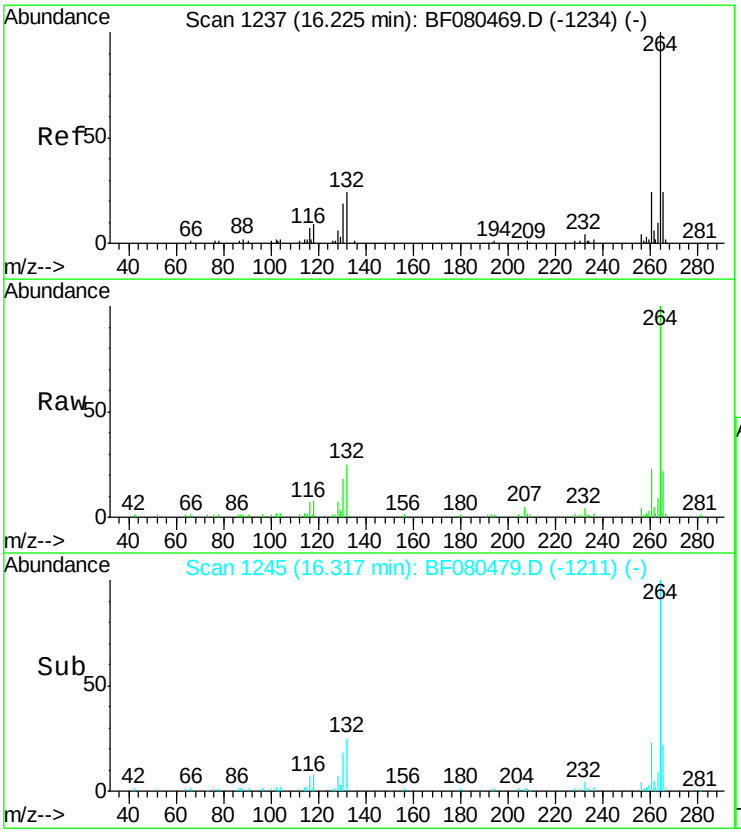
#82
Chrysene
Concen: 0.04 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.05 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Instrument :
BNA_F
ClientSampleId :
PB84497BL

Tgt Ion:228 Resp: 211

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.1	34.7#
229	0.0	15.3	22.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.32 min Scan# 1245
Delta R.T. 0.09 min
Lab File: BF080479.D
Acq: 15 Jul 2015 8:10

Tgt Ion:264 Resp: 108755

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.7	18.9	28.3