Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
Data File : BF080850.D
Acq On : 4 Aug 2015 21:21
Operator : TP/UM
Sample : PB84692BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 05 02:07:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	65854	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	251726	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	115268	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	211557	20.00	ng	0.00
75) Chrysene-d12	13.96	240	134899	20.00	ng	0.00
86) Perylene-d12	15.37	264	104255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	470402	108.11	ng	0.01
7) Phenol-d6	6.45	99	551862	97.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	363800	68.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	110499	99.41	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	634922	74.17	ng	0.00
78) Terphenyl-d14	12.92	244	480535	64.47	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.59	93	571	0.07	ng	# 1
9) Benzaldehyde	6.45	77	468	0.12	ng	# 3
10) Phenol	6.59	94	612	0.09	ng	# 1
11) bis(2-Chloroethyl)ether	6.59	93	571	0.11	ng	# 1
15) Benzyl Alcohol	6.98	79	6434	1.73	ng	# 48
19) n-Nitroso-di-n-propylamine	7.38	70	47578	12.95	ng	# 77
24) Nitrobenzene	7.38	77	933	0.17	ng	# 36
25) Isophorone	7.38	82	327218	34.57	ng	# 67
45) 1,1'-Biphenyl	9.18	154	1124	0.11	ng	# 1
47) 2-Nitroaniline	9.18	65	1129	0.38	ng	# 9
50) 2,6-Dinitrotoluene	9.86	165	14469	8.23	ng	# 11
51) Acenaphthene	9.86	154	314	0.04	ng	# 4
56) 2,4-Dinitrotoluene	9.86	165	14469	6.52	ng	# 13
57) Fluorene	10.64	166	4572	0.55	ng	# 78
62) Azobenzene	10.64	77	499	0.05	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	3614	0.45	ng	# 41
66) 4-Bromophenyl-phenylether	10.64	248	7195	3.07	ng	# 1
77) Pyrene	12.92	202	1539	0.13	ng	# 55
80) Benzo(a)anthracene	13.96	228	232	0.03	ng	# 52
82) Chrysene	13.96	228	232	0.03	ng	# 50
89) Benzo(a)pyrene	15.37	252	249	0.04	ng	# 59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
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Acq On : 4 Aug 2015 21:21
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BNA_F
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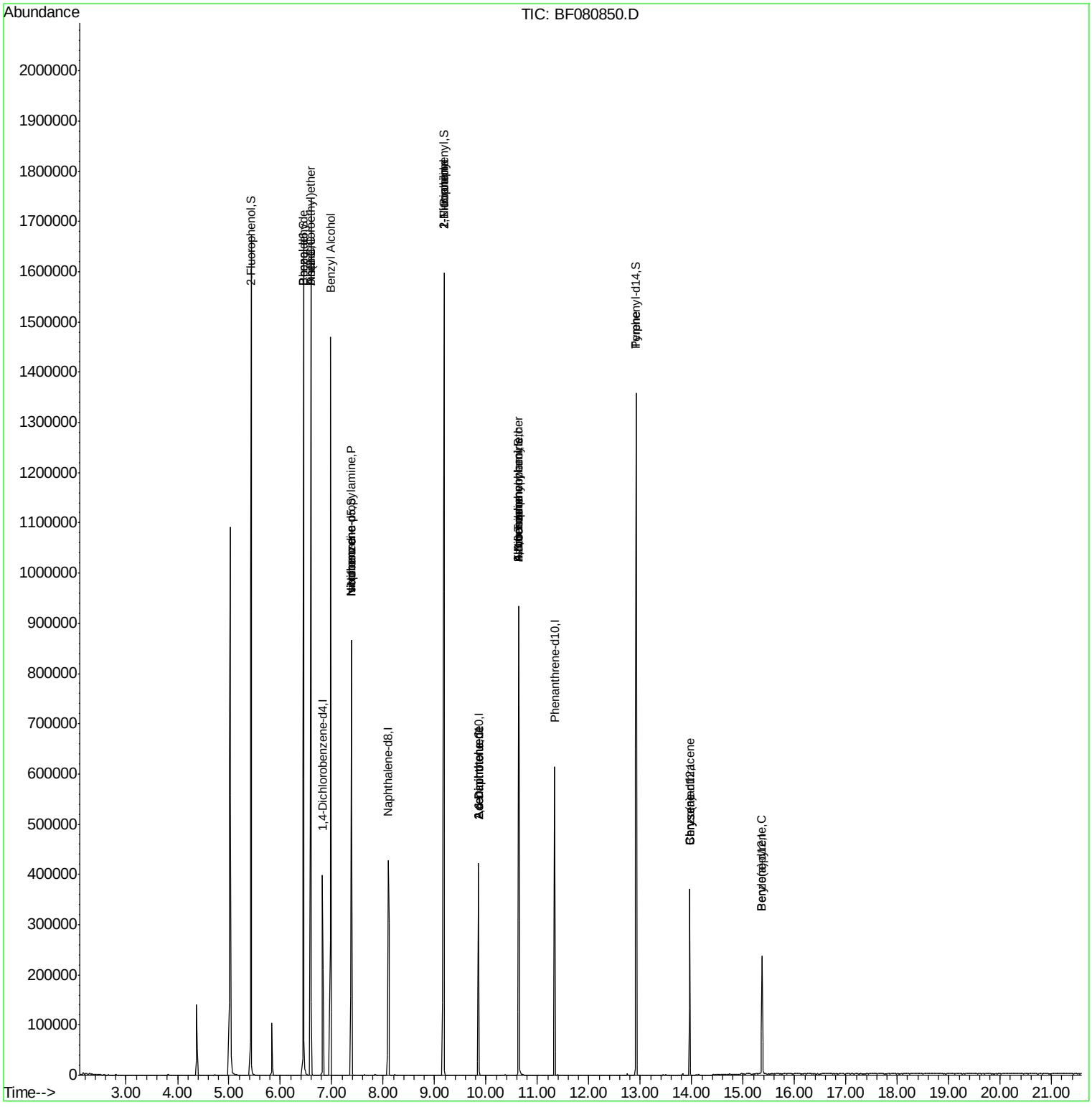
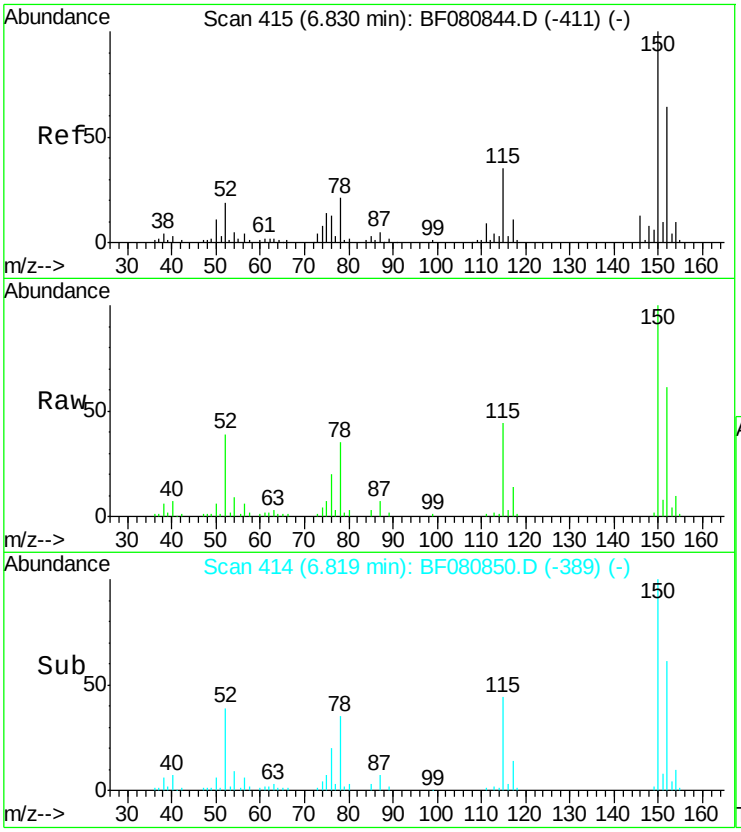
Response via : Initial Calibration

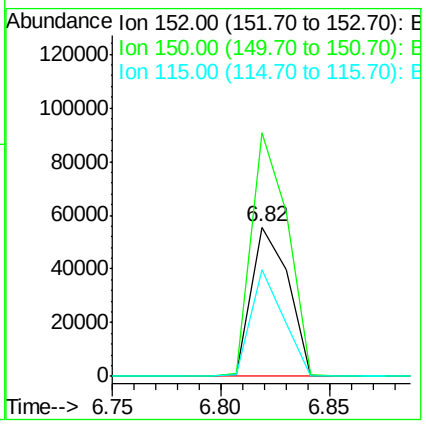




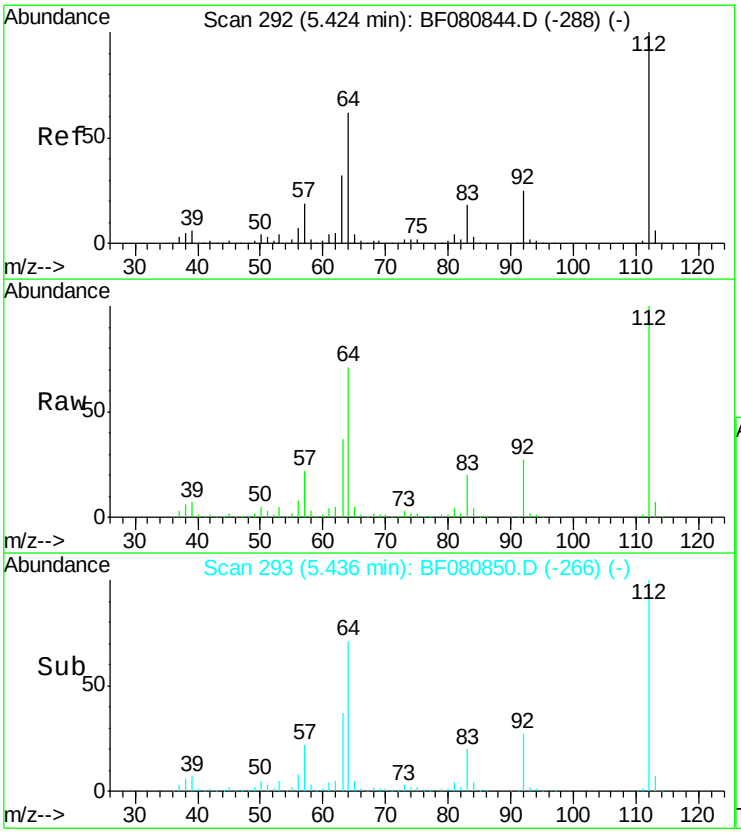
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:152 Resp: 65854

Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	187.0
115	71.2	44.2	66.4#



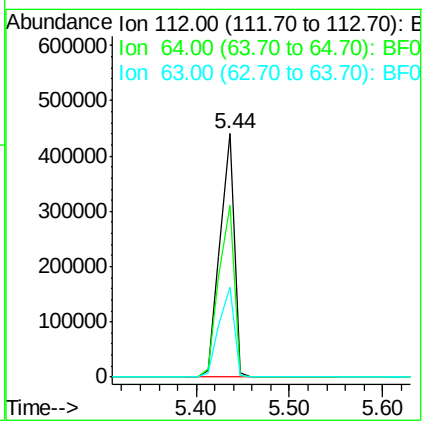
Instrument :
BNA_F
ClientSampleId :

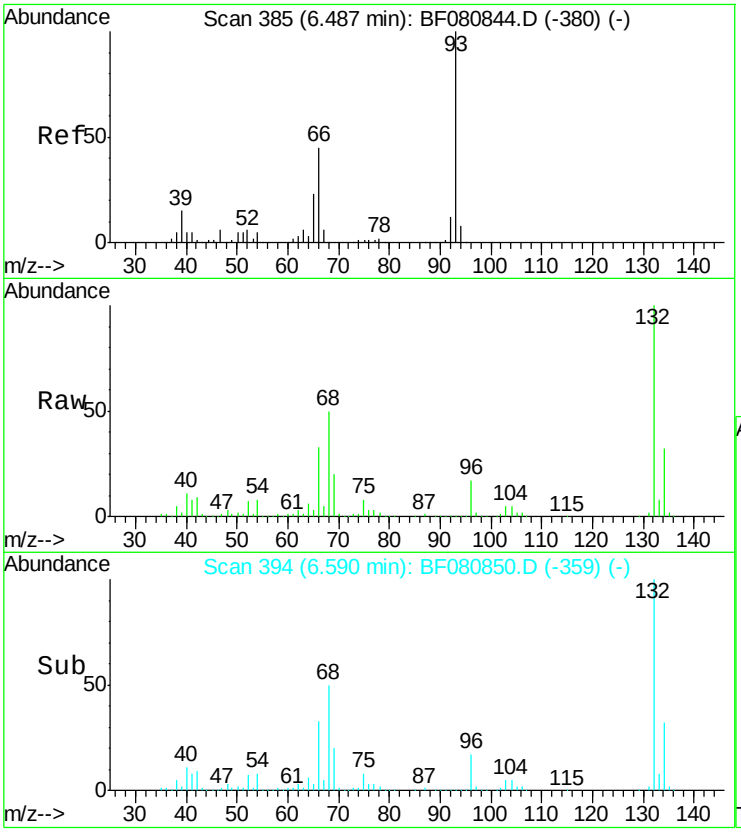


#5
2-Fluorophenol
Concen: 108.11 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:112 Resp: 470402

Ion	Ratio	Lower	Upper
112	100		
64	70.5	49.5	74.3
63	36.8	25.3	37.9



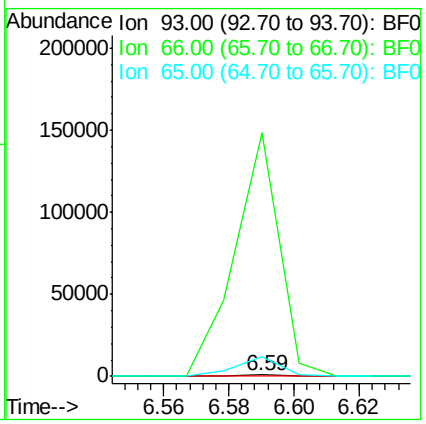


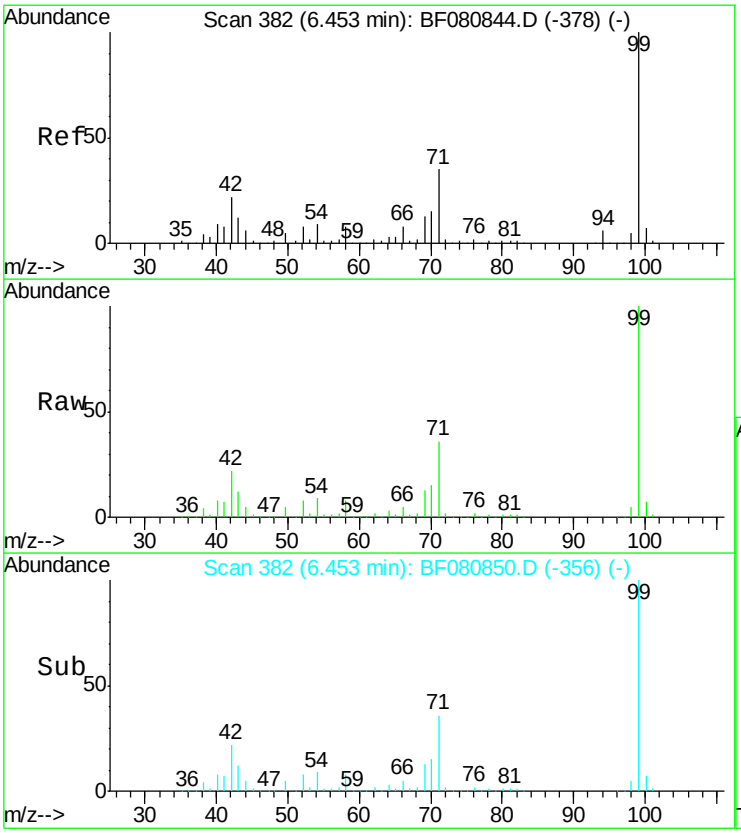
#6
Aniline
Concen: 0.07 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.10 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 571

Ion	Ratio	Lower	Upper
93	100		
66	17817.0	35.8	53.6#
65	1452.2	18.2	27.2#

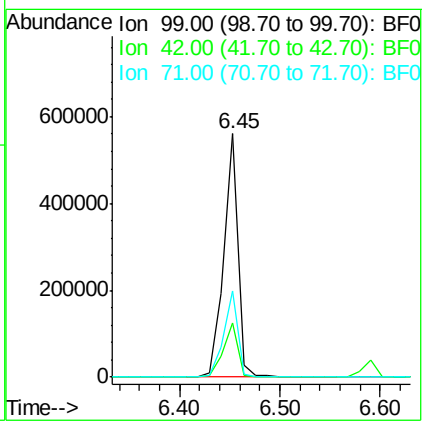


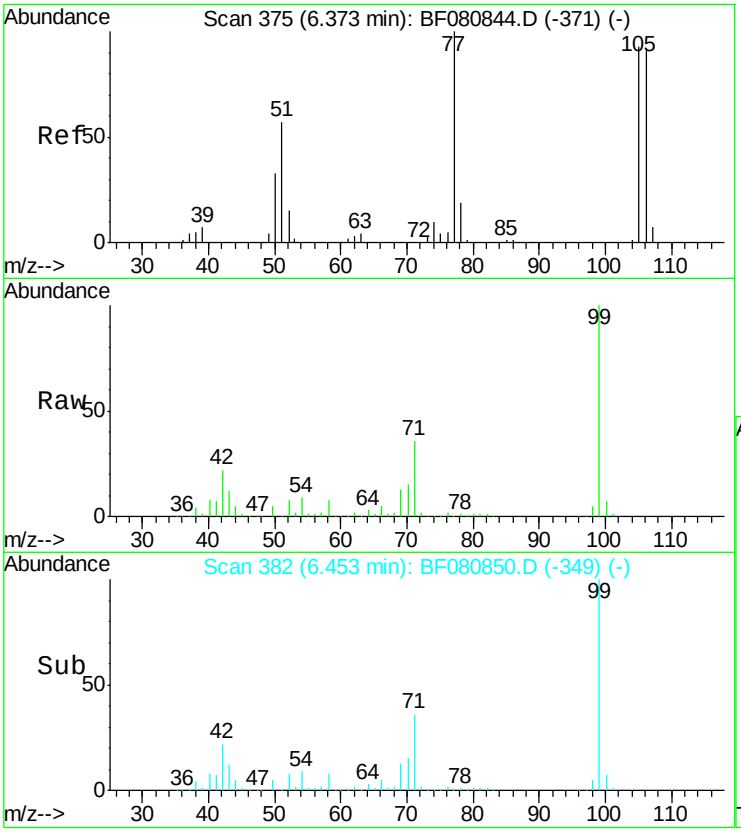


#7
Phenol-d6
Concen: 97.02 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion: 99 Resp: 551862

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.9	26.9
71	35.5	28.2	42.4



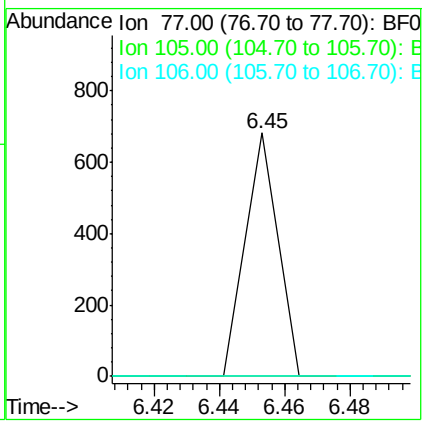


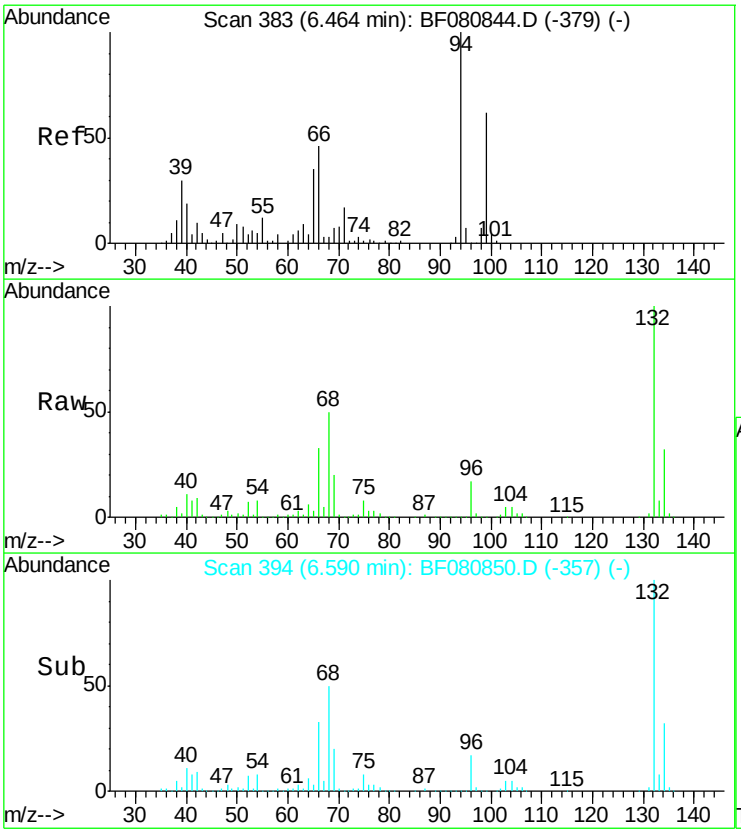
#9
Benzaldehyde
Concen: 0.12 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.08 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 468

Ion	Ratio	Lower	Upper
77	100		
105	0.0	73.5	113.5#
106	0.0	70.8	110.8#

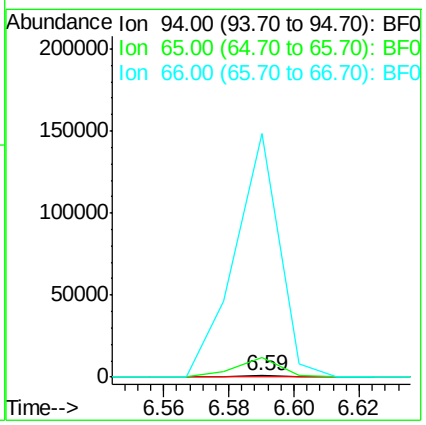


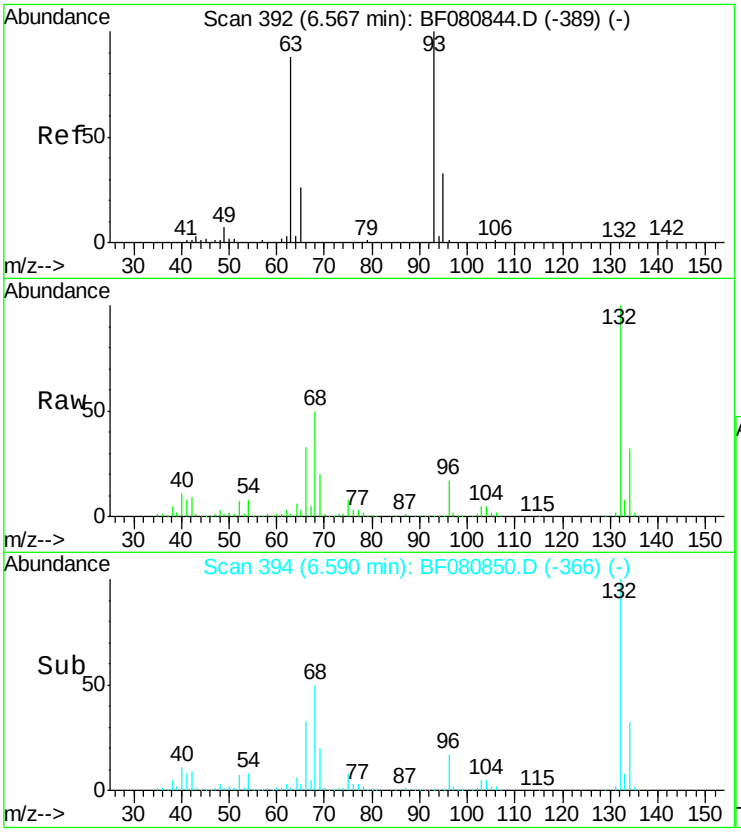


#10
Phenol
Concen: 0.09 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.13 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion: 94 Resp: 612

Ion	Ratio	Lower	Upper
94	100		
65	1354.6	15.2	55.2#
66	16619.9	25.9	65.9#



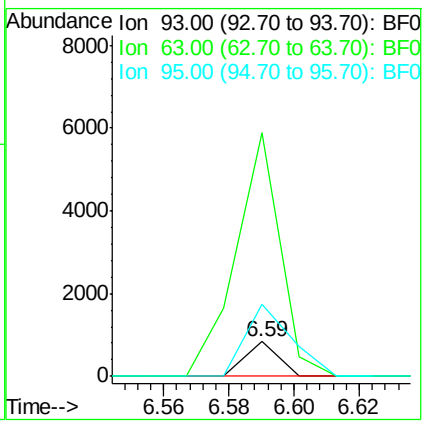


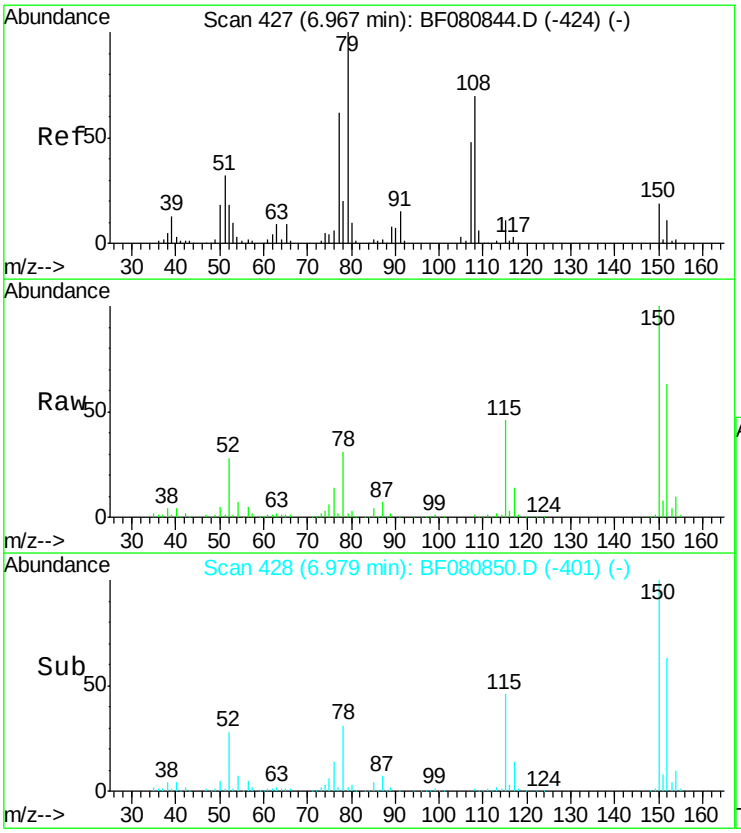
#11
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.02 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 571

Ion	Ratio	Lower	Upper
93	100		
63	706.7	67.6	107.6#
95	207.9	12.9	52.9#

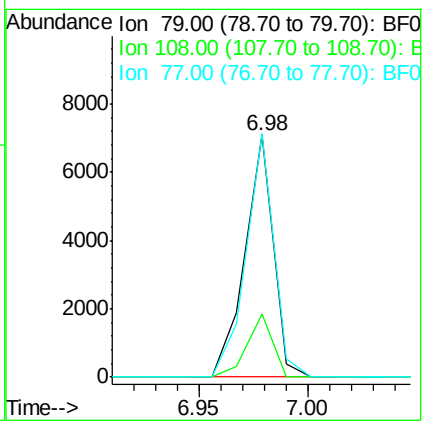


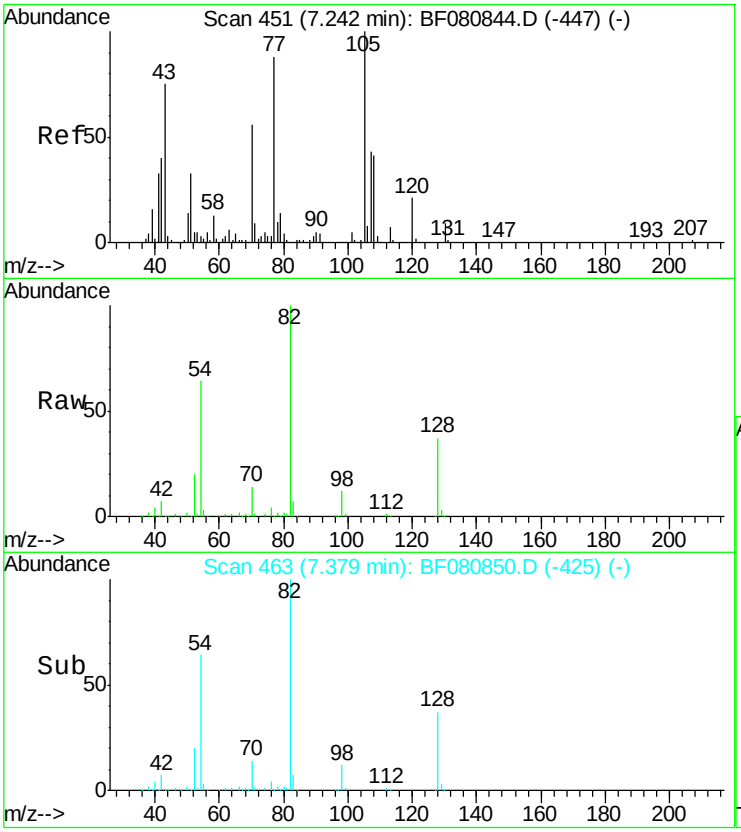


#15
Benzyl Alcohol
Concen: 1.73 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion: 79 Resp: 6434

Ion	Ratio	Lower	Upper
79	100		
108	26.3	55.9	83.9#
77	100.6	49.4	74.2#



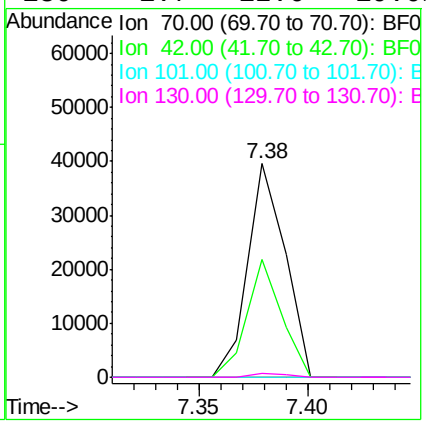


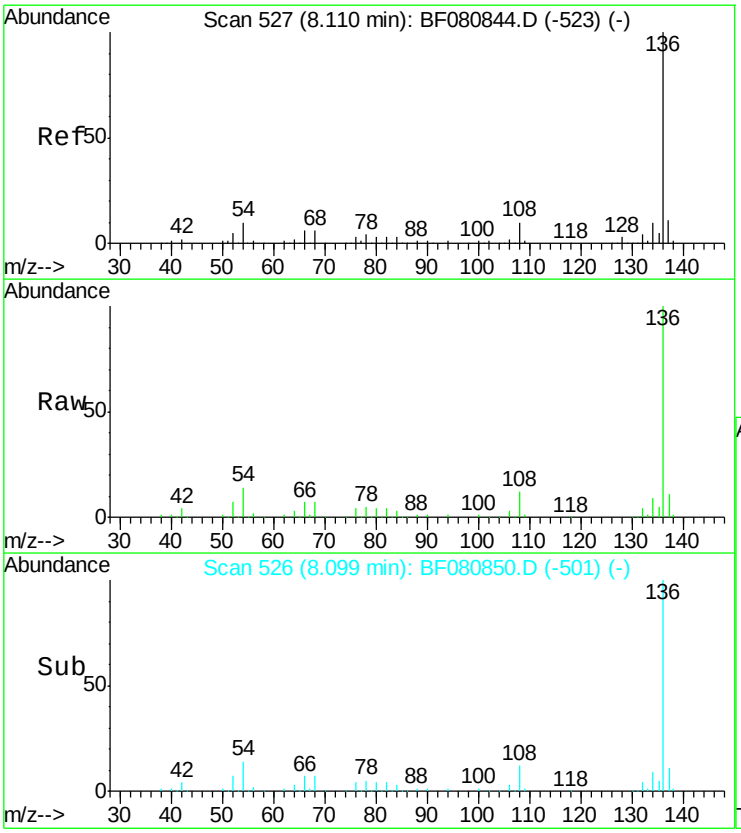
#19
n-Nitroso-di-n-propylamine
Concen: 12.95 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 47578

Ion	Ratio	Lower	Upper
70	100		
42	55.0	57.8	86.8#
101	0.0	6.7	10.1#
130	1.7	12.6	19.0#

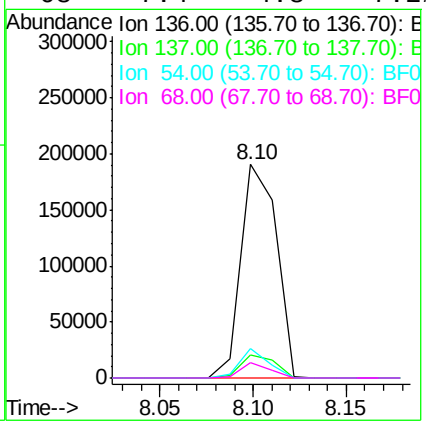


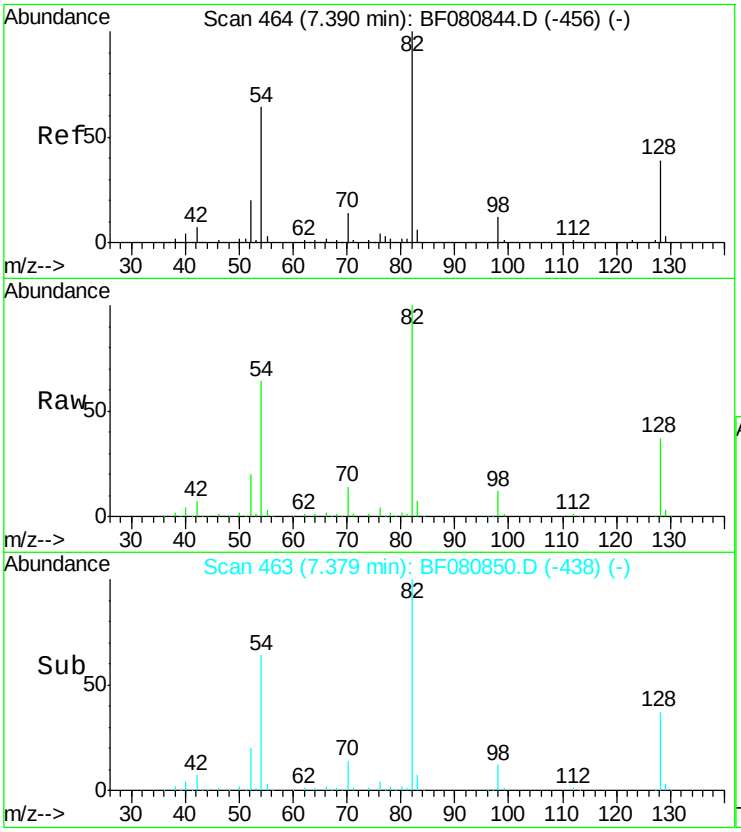


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:136 Resp: 251726

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	13.8	8.3	12.5#
68	7.4	4.8	7.2#



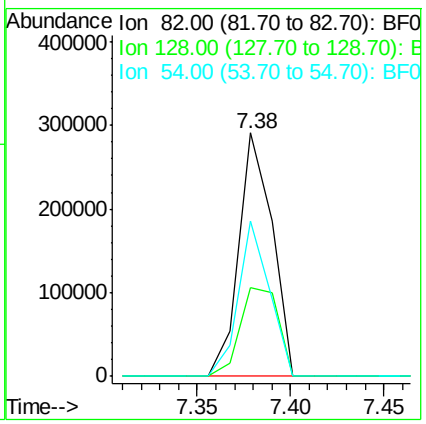


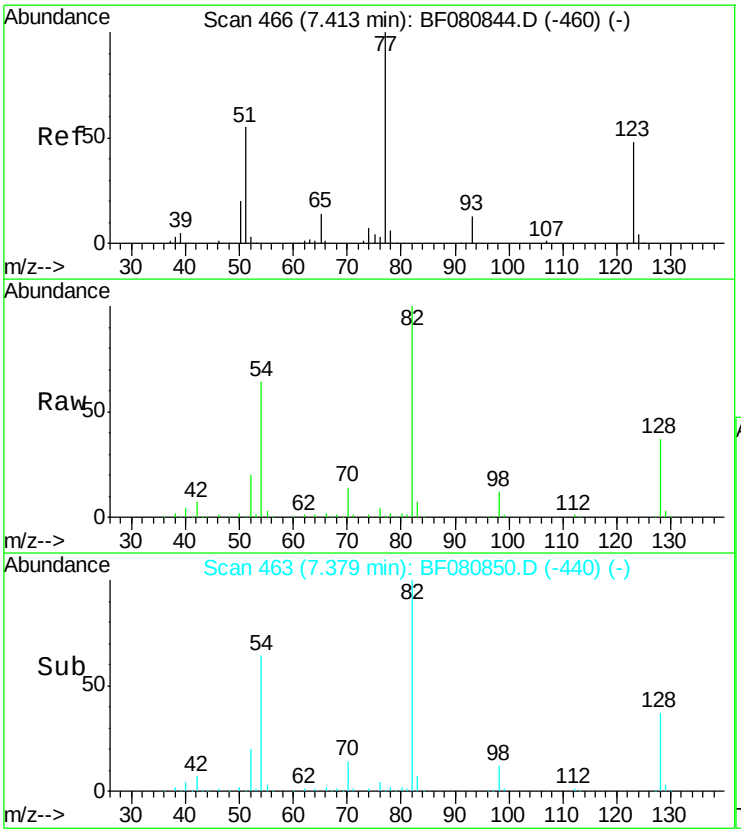
#23
Nitrobenzene-d5
Concen: 68.11 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 363800

Ion	Ratio	Lower	Upper
82	100		
128	36.5	31.0	46.4
54	63.8	51.0	76.6

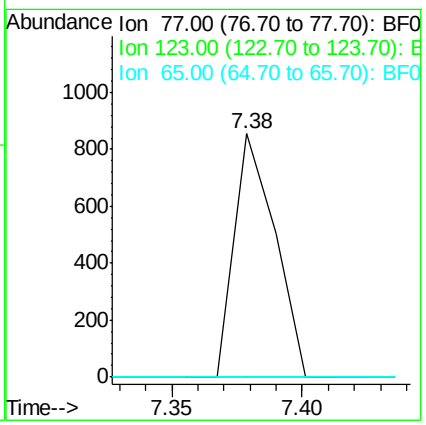


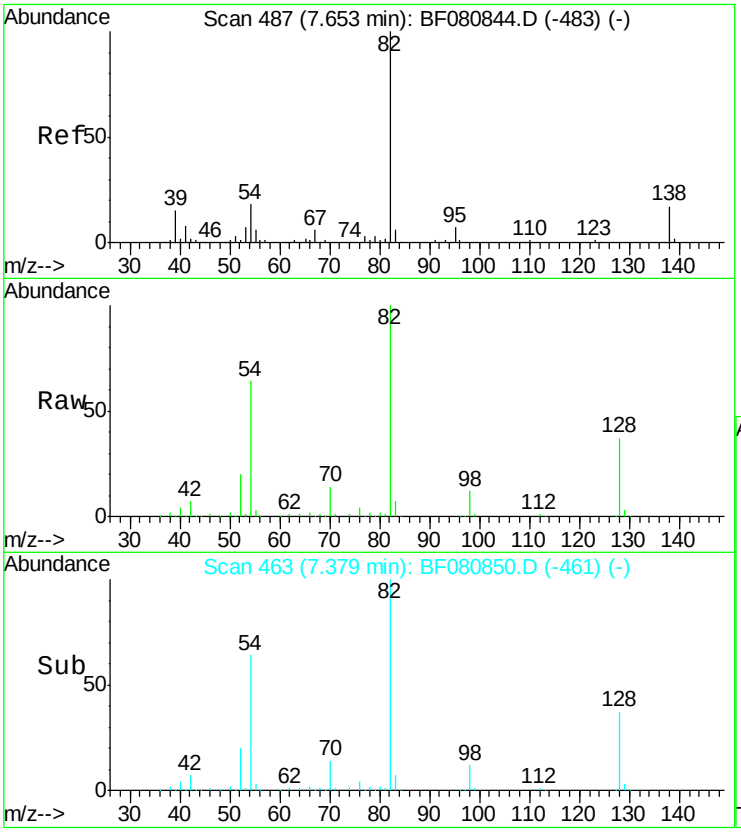


#24
Nitrobenzene
Concen: 0.17 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion: 77 Resp: 933

Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.7	59.5#
65	0.0	11.0	16.6#



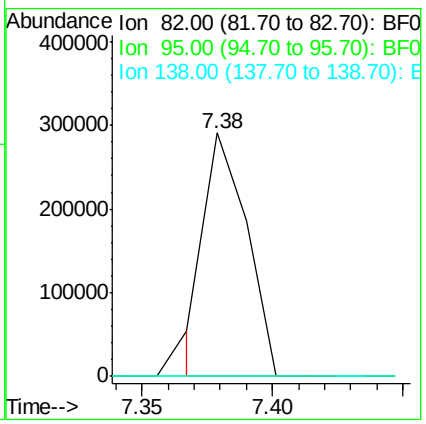


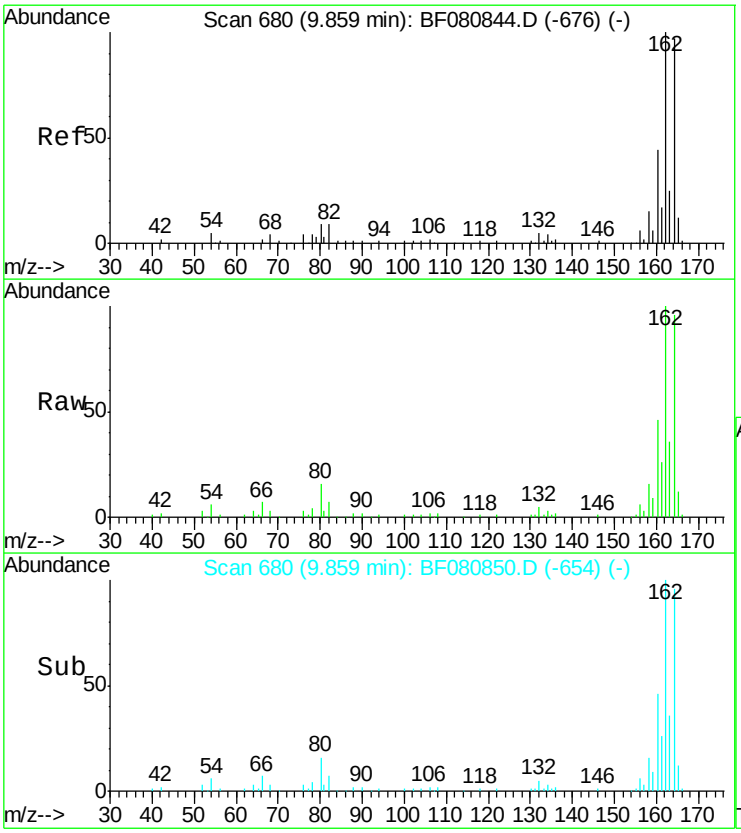
#25
Isophorone
Concen: 34.57 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.27 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 327218

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.3	19.9#

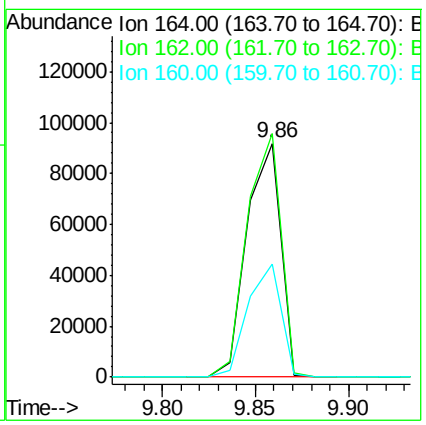


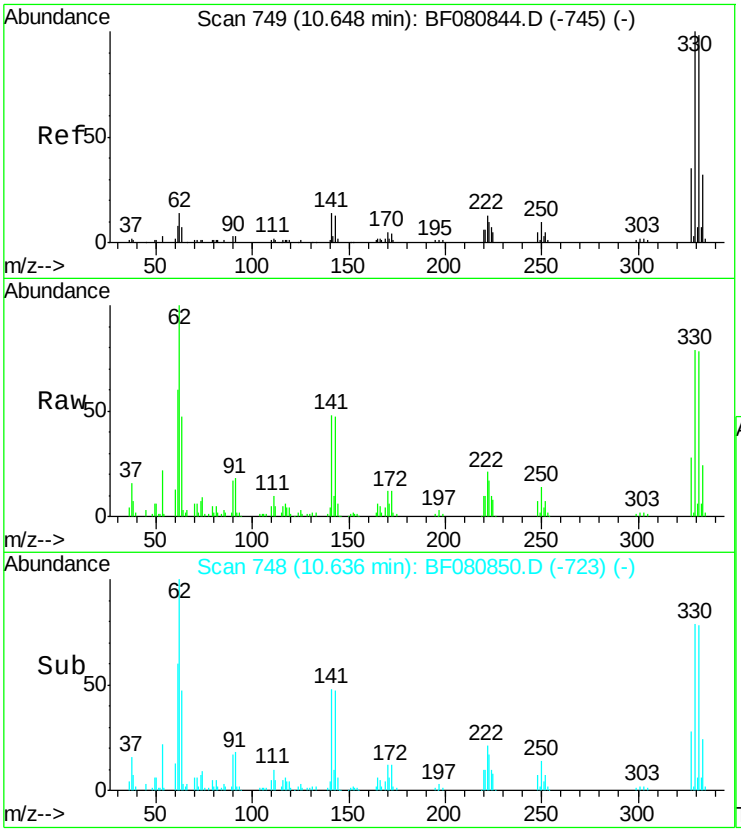


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:164 Resp: 115268

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.9	124.3
160	48.2	36.6	54.8



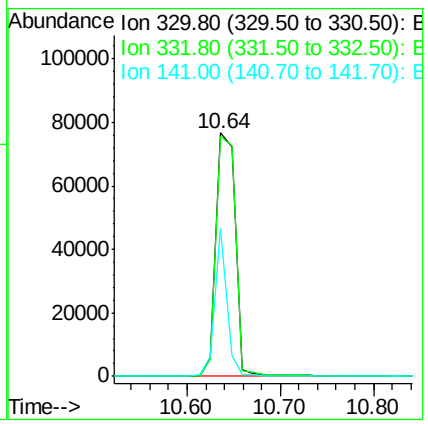


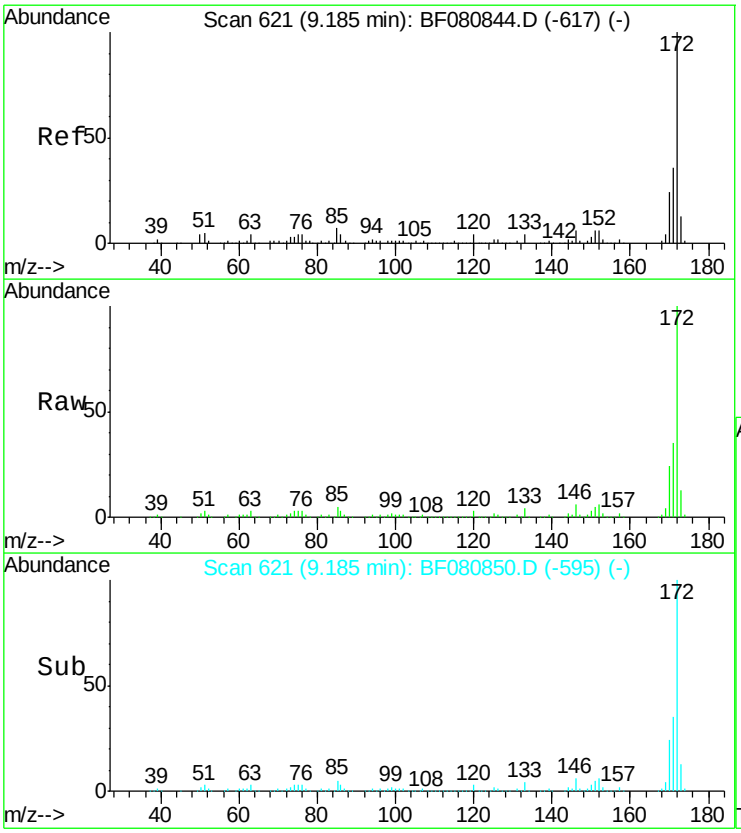
#41
2,4,6-Tribromophenol
Concen: 99.41 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 110499

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.8	116.8
141	37.8	28.4	42.6

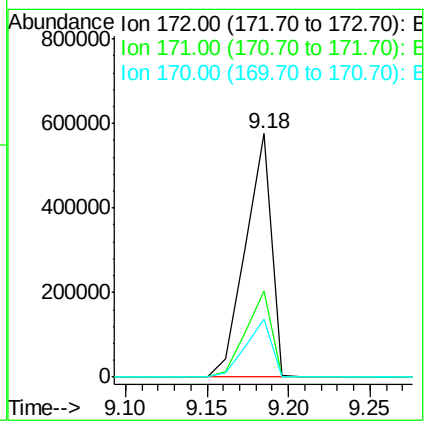


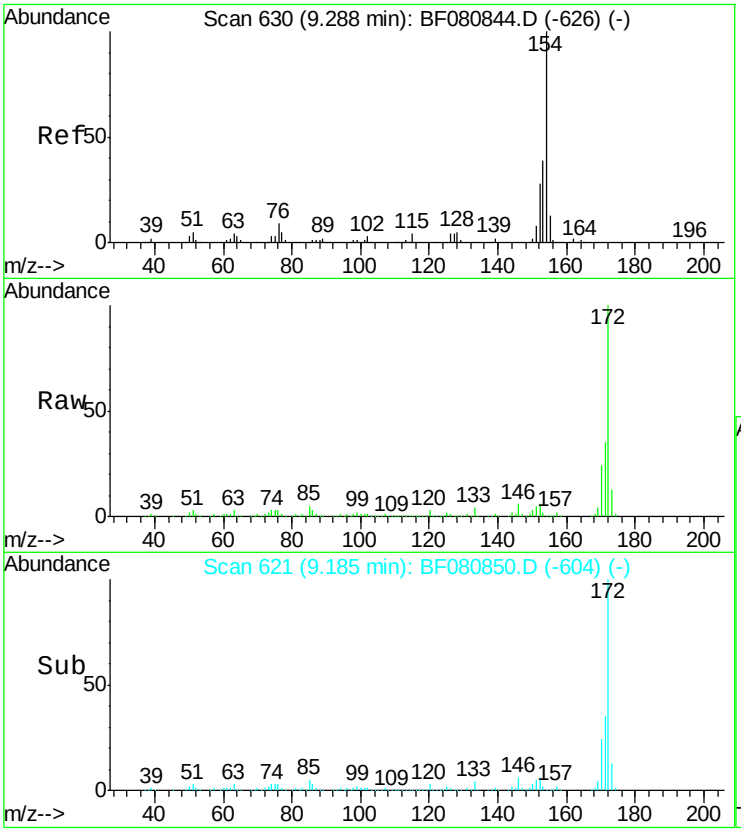


#44
2-Fluorobiphenyl
Concen: 74.17 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:172 Resp: 634922

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.9	19.4	29.2



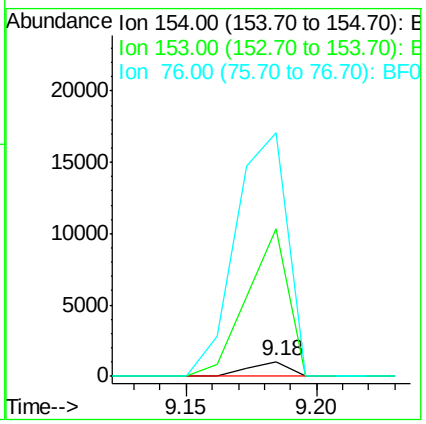


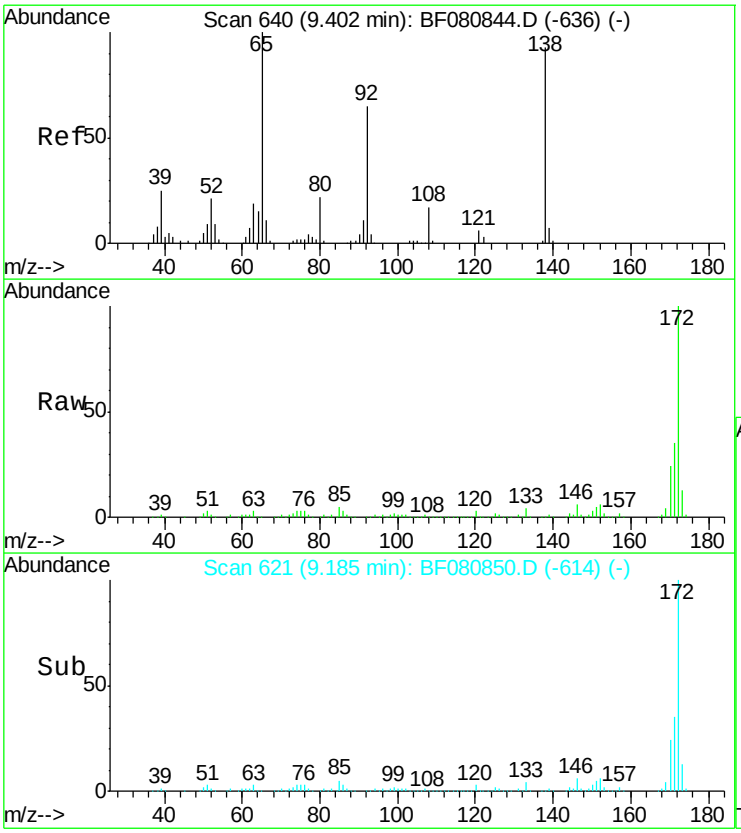
#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.10 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1124

Ion	Ratio	Lower	Upper
154	100		
153	984.6	19.2	59.2#
76	1627.5	0.0	29.3#

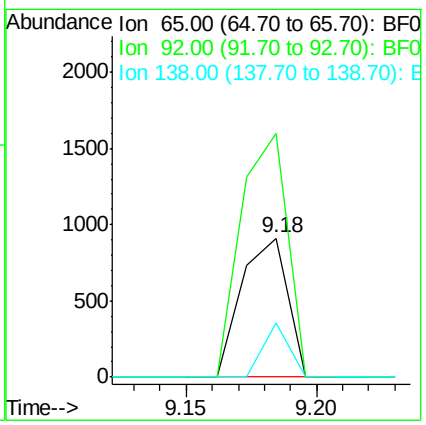


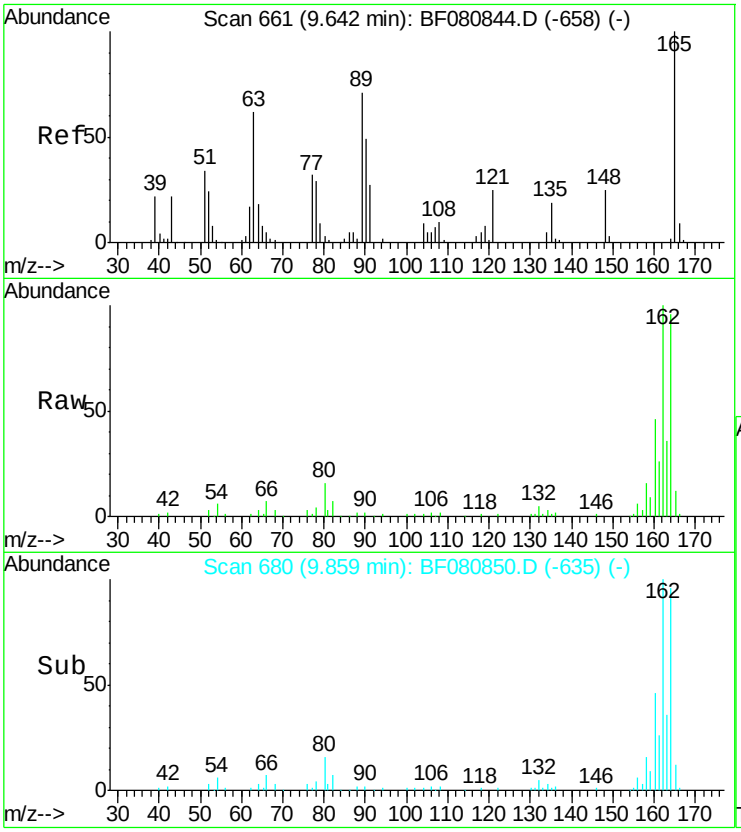


#47
2-Nitroaniline
Concen: 0.38 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.22 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion: 65 Resp: 1129

Ion	Ratio	Lower	Upper
65	100		
92	175.4	51.7	77.5#
138	39.3	74.2	111.2#



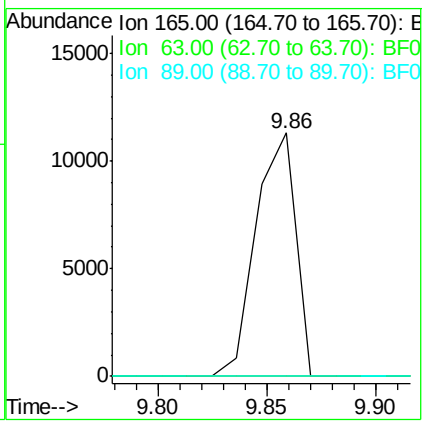


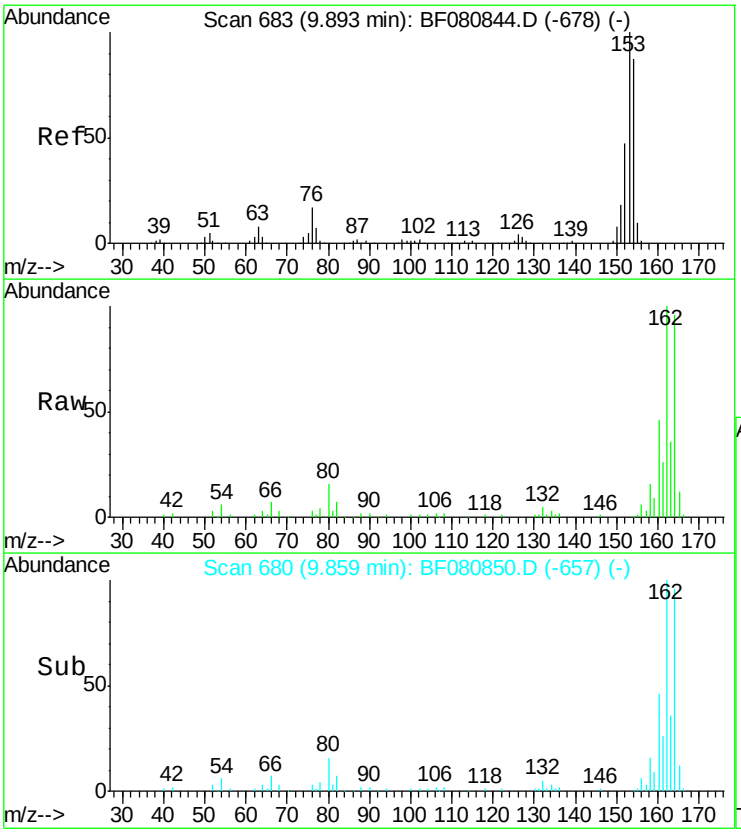
#50
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.22 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14469

Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.0	97.6#
89	0.0	56.6	85.0#

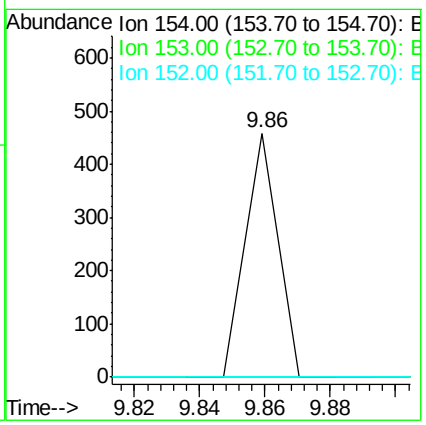


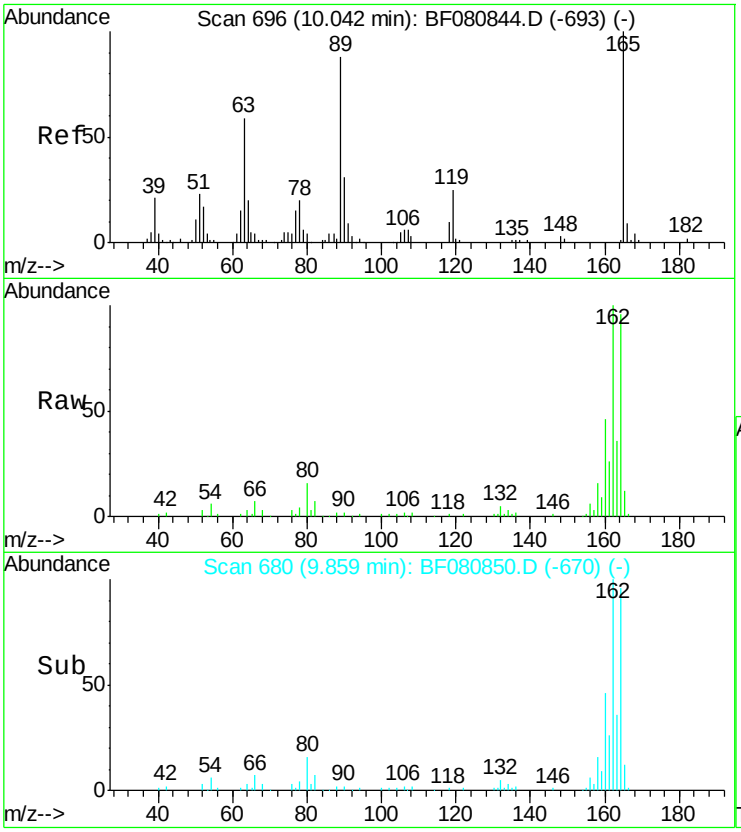


#51
Acenaphthene
Concen: 0.04 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:154 Resp: 314

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.8	137.6#
152	0.0	43.2	64.8#



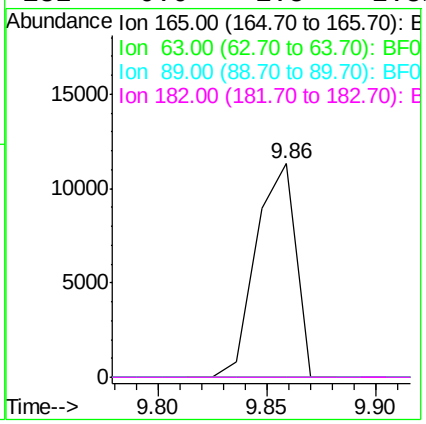


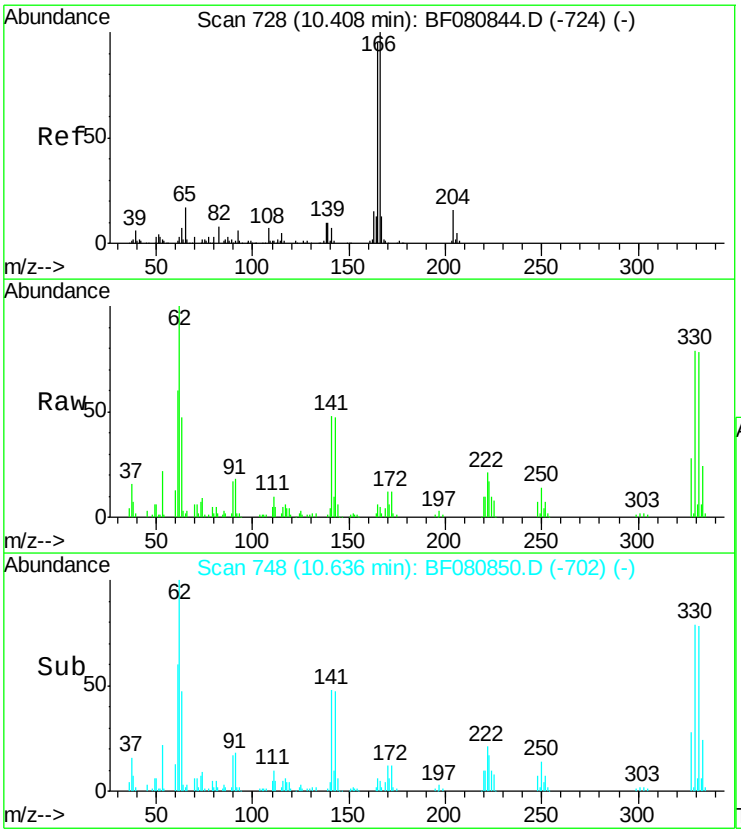
#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.18 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14469

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.2	70.8#
89	0.0	70.2	105.2#
182	0.0	1.5	2.3#

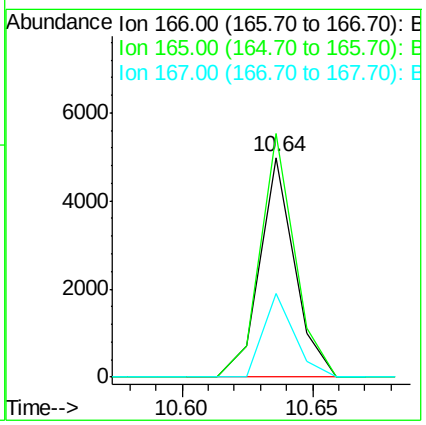


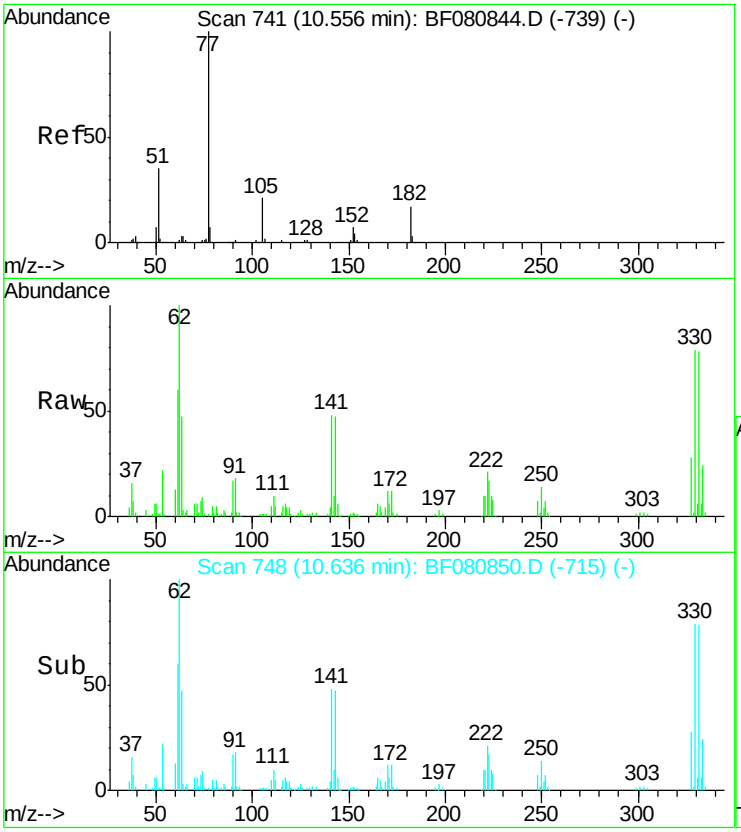


#57
Fluorene
Concen: 0.55 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.23 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:166 Resp: 4572

Ion	Ratio	Lower	Upper
166	100		
165	111.0	76.2	114.2
167	38.0	10.4	15.6#



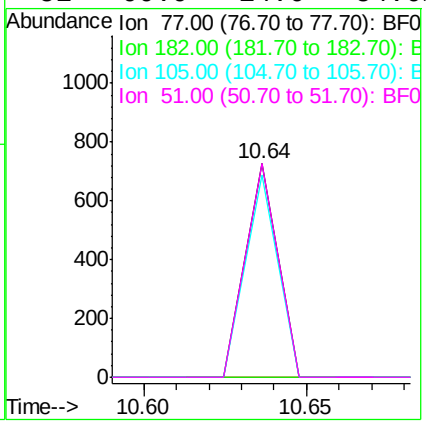


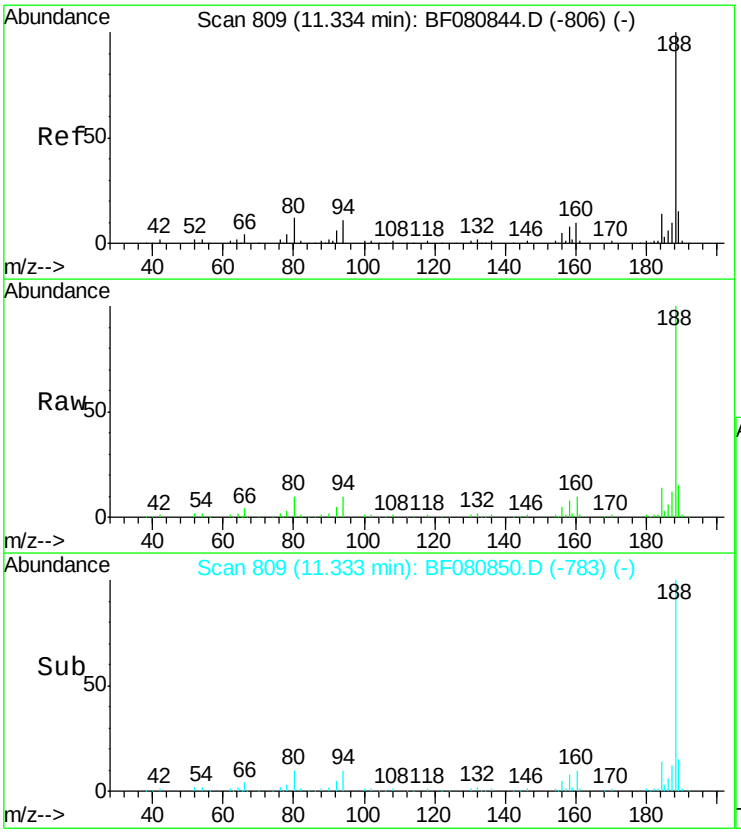
#62
Azobenzene
Concen: 0.05 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.08 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 499

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	37.0
105	94.6	1.3	41.3#
51	99.9	14.6	54.6#

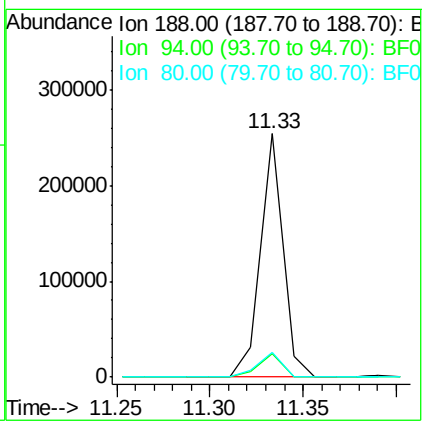


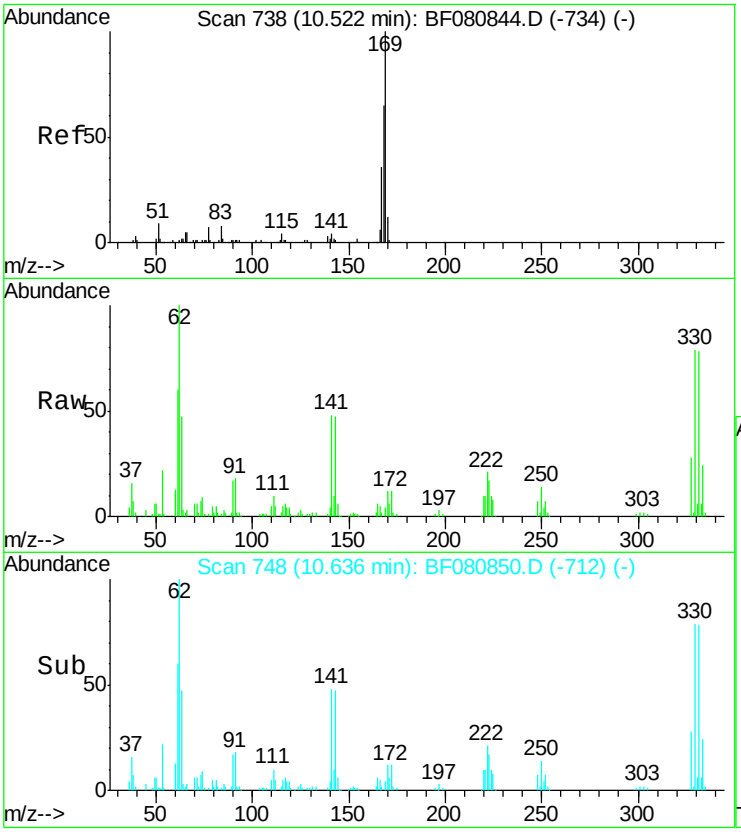


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:188 Resp: 211557

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	12.8
80	10.4	9.3	13.9



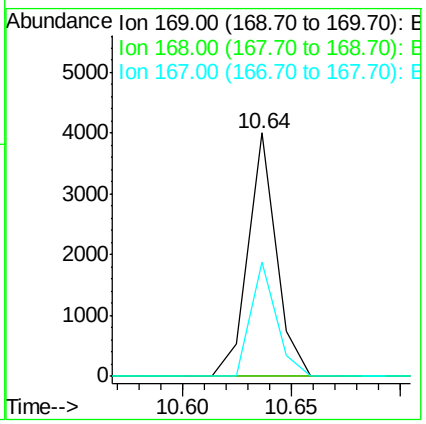


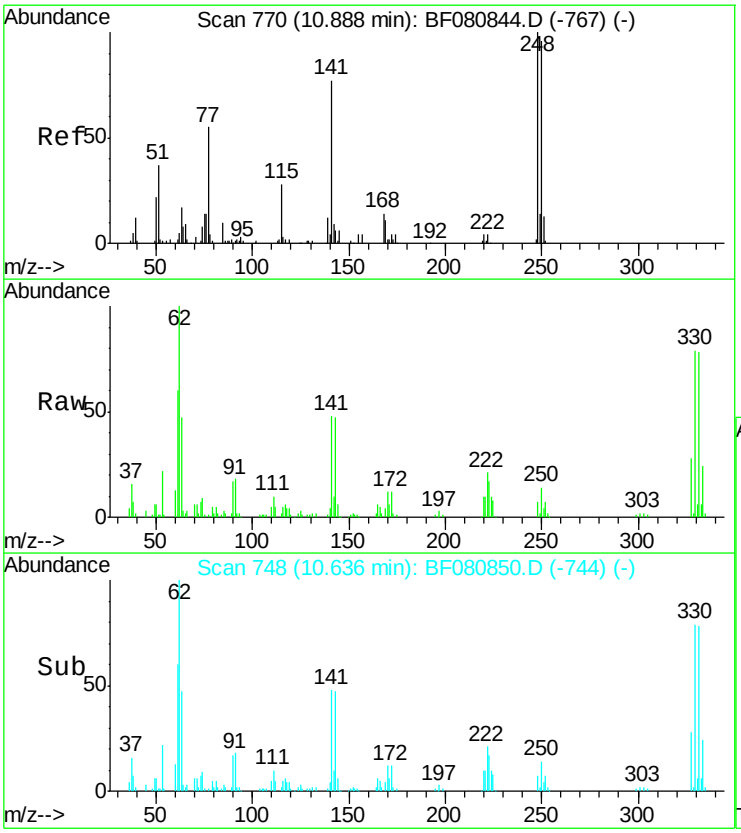
#65
n-Nitrosodiphenylamine
Concen: 0.45 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.11 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 3614

Ion	Ratio	Lower	Upper
169	100		
168	0.0	52.2	78.4#
167	47.2	29.2	43.8#

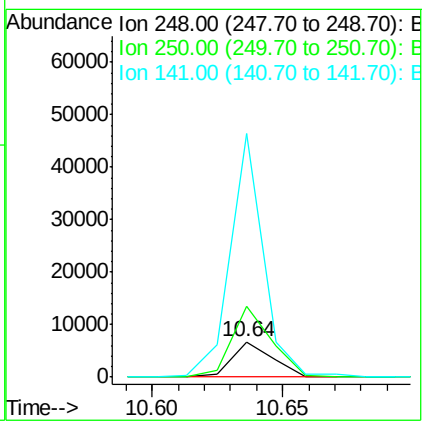


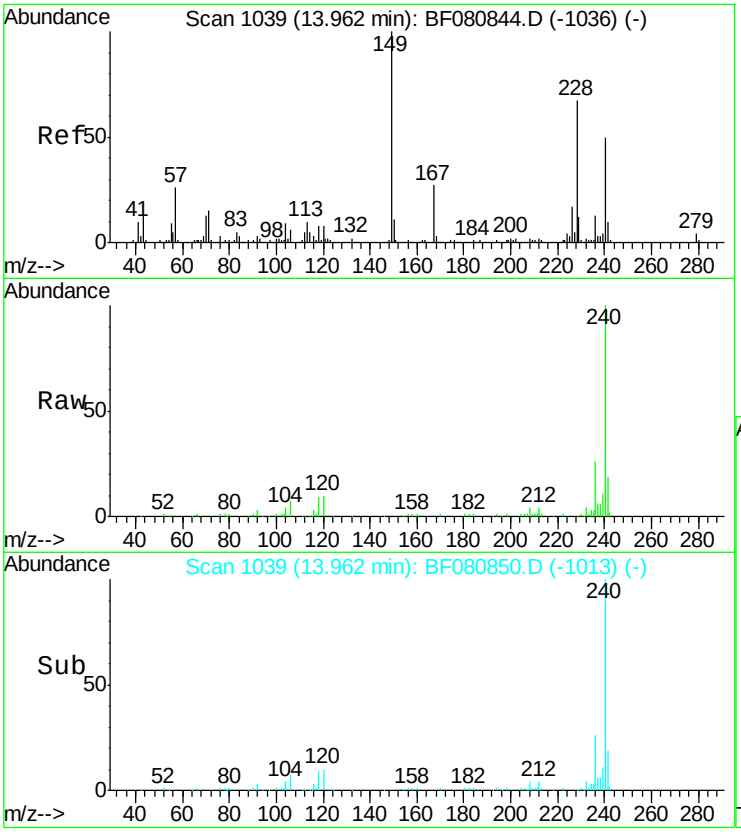


#66
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:248 Resp: 7195

Ion	Ratio	Lower	Upper
248	100		
250	202.4	77.2	115.8#
141	696.3	61.4	92.0#



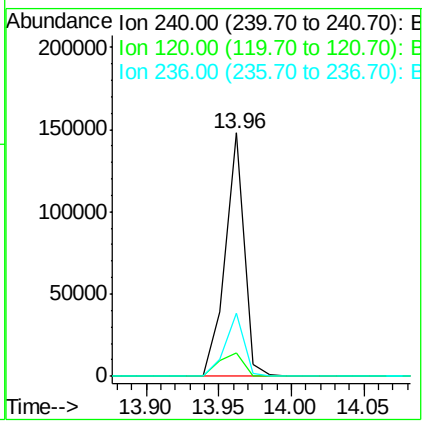


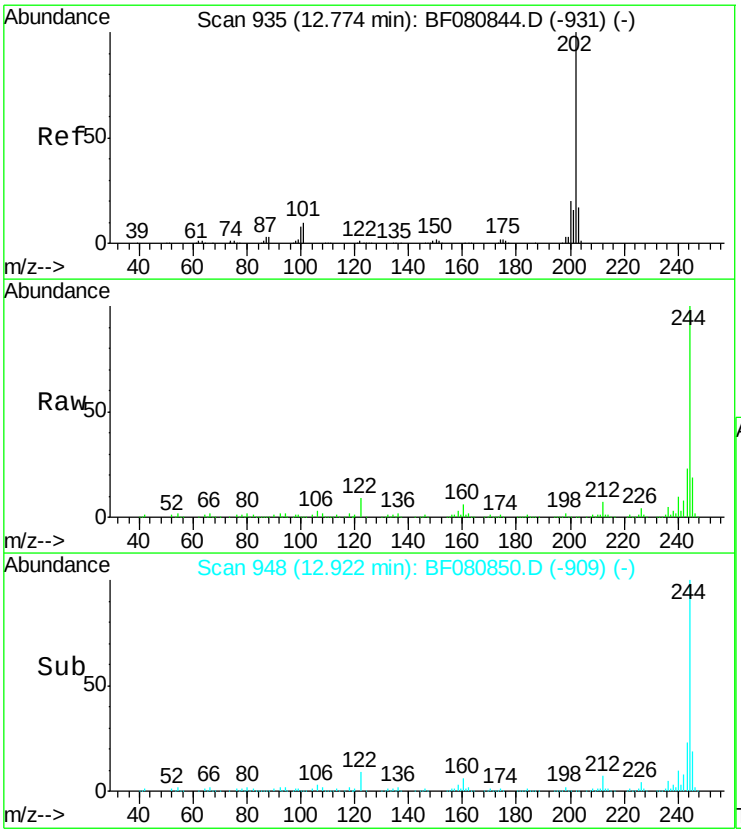
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 134899

Ion	Ratio	Lower	Upper
240	100		
120	9.9	13.0	19.6#
236	25.7	20.7	31.1

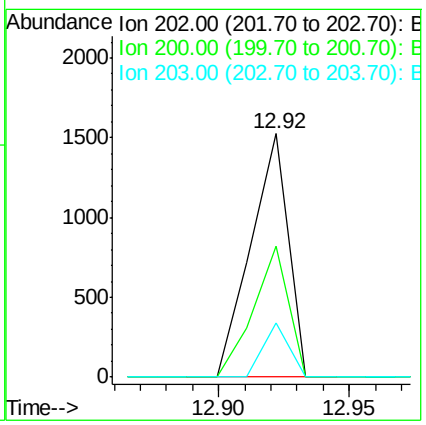


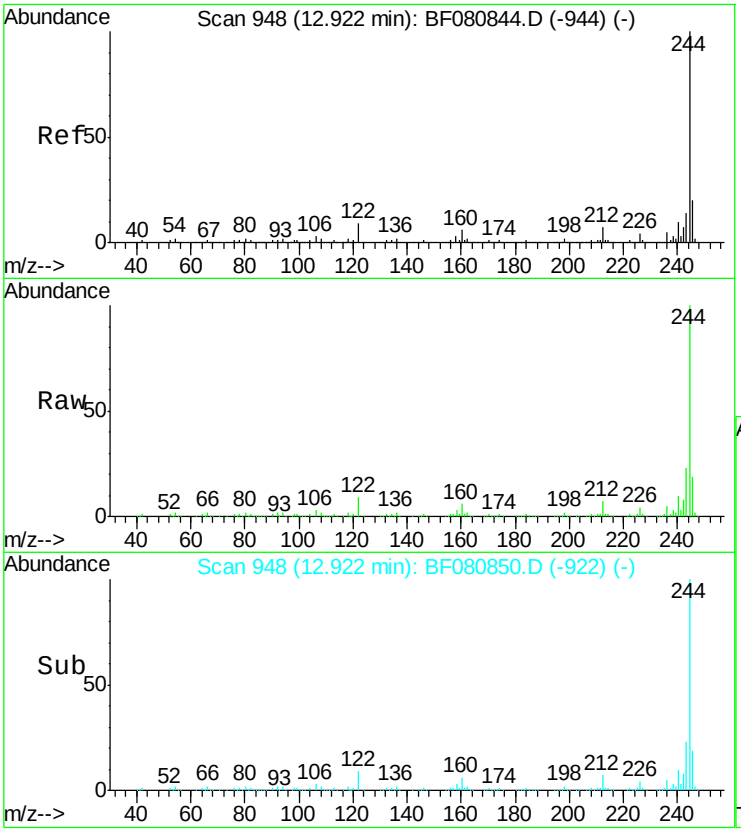


#77
Pyrene
Concen: 0.13 ng
RT: 12.92 min Scan# 948
Delta R.T. 0.15 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:202 Resp: 1539

Ion	Ratio	Lower	Upper
202	100		
200	54.0	16.1	24.1#
203	22.3	13.6	20.4#



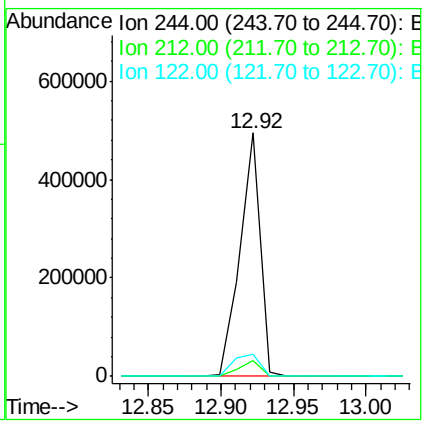


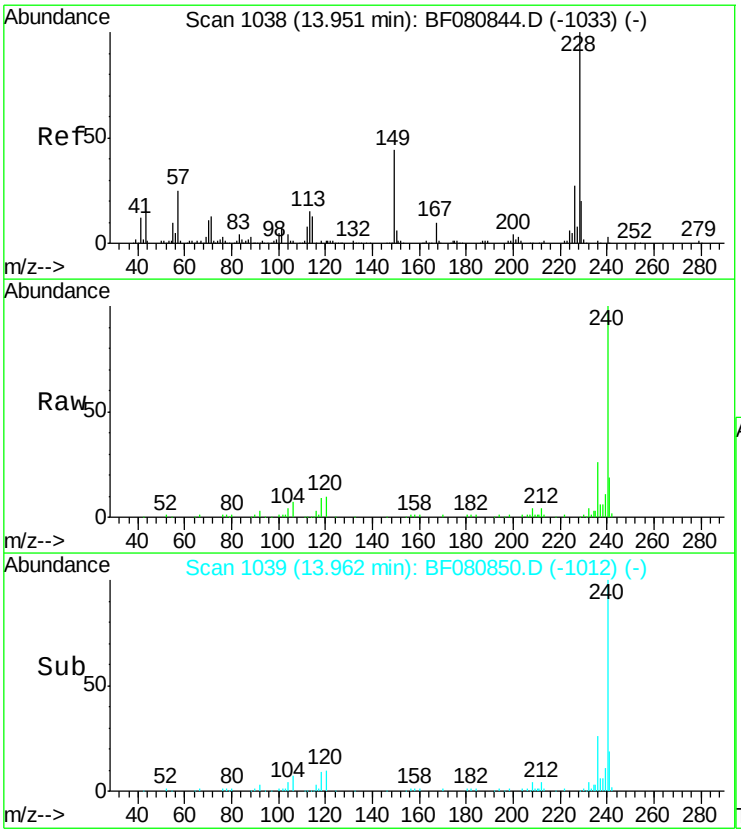
#78
Terphenyl-d14
Concen: 64.47 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 480535

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	9.1	7.1	10.7

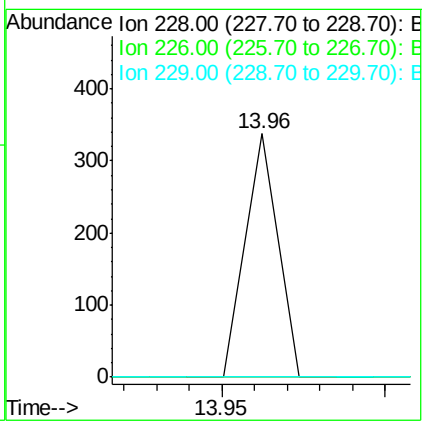


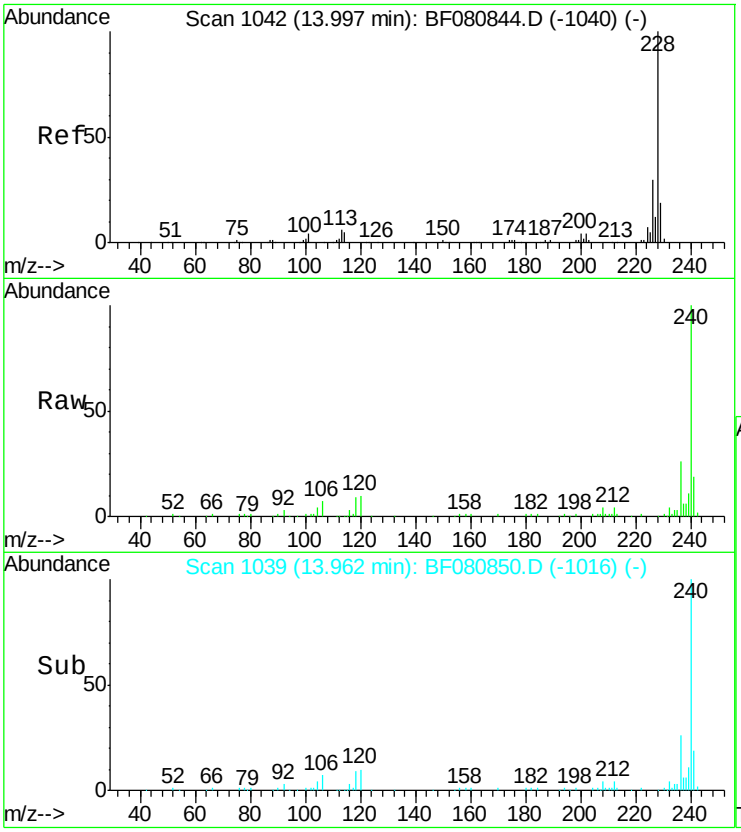


#80
Benzo(a)anthracene
Concen: 0.03 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:228 Resp: 232

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.5	32.3#
229	0.0	16.2	24.2#



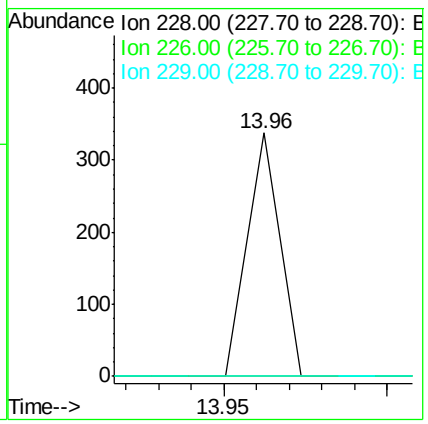


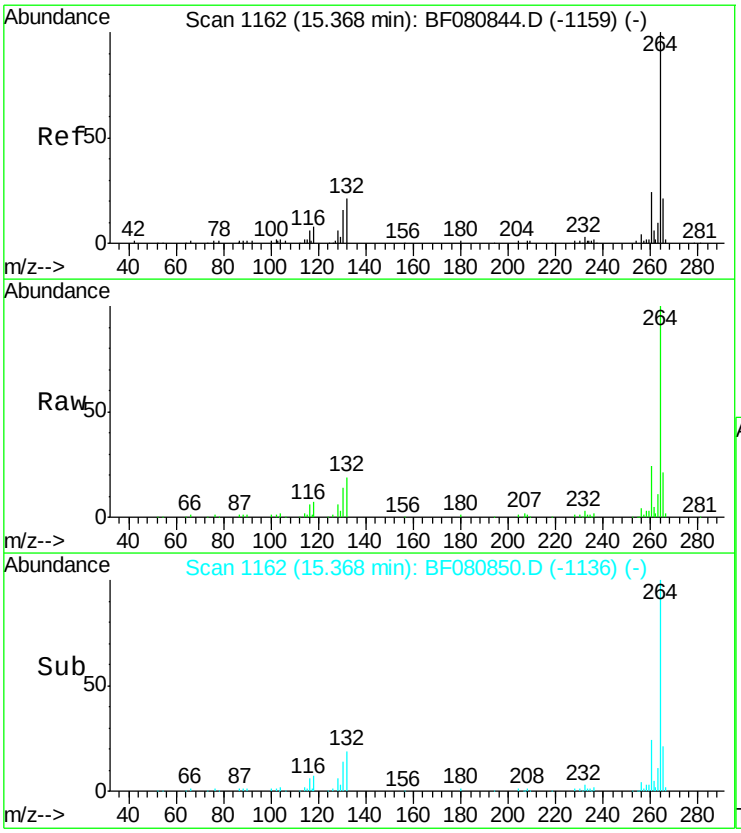
#82
Chrysene
Concen: 0.03 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 232

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.6	35.4#
229	0.0	15.1	22.7#

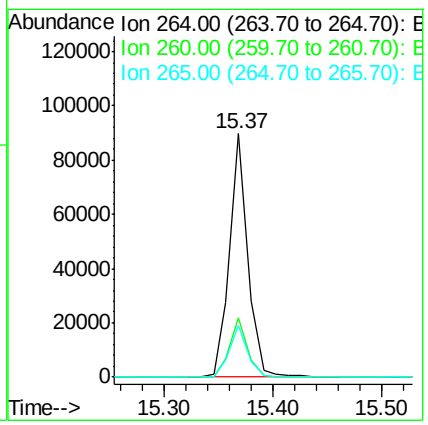


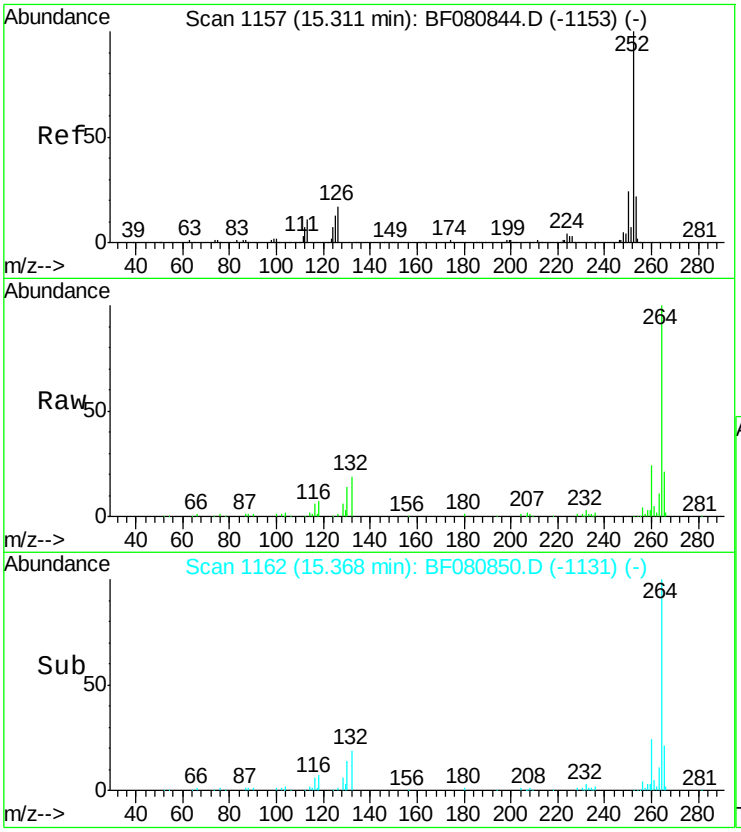


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:264 Resp: 104255

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	21.1	16.8	25.2





#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.06 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 249

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	0.0	10.6	16.0#