Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080928.D
Acq On : 7 Aug 2015 15:50
Operator : TP/UM
Sample : G3083-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 08 01:58:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	48594	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	184714	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	92685	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	197226	20.00	ng		0.00
75) Chrysene-d12	13.96	240	178837	20.00	ng		0.00
86) Perylene-d12	15.37	264	161081	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.43	99	878	0.22	ng		-0.01
23) Nitrobenzene-d5	7.38	82	327503	83.87	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.17	172	596973	90.67	ng		0.00
78) Terphenyl-d14	12.91	244	720853	83.26	ng		0.00
Target Compounds							Qvalue
12) 1,3-Dichlorobenzene	6.75	146	79730	21.83	ng		97
13) 1,4-Dichlorobenzene	6.75	146	79730	21.01	ng		99
14) 1,2-Dichlorobenzene	6.98	146	105156	30.65	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	214173	29.49	ng		99
18) Hexachloroethane	7.32	117	82245	56.56	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	105311	35.35	ng		97
24) Nitrobenzene	7.40	77	485078	120.65	ng	#	84
25) Isophorone	7.63	82	333589	44.42	ng		95
26) 2-Nitrophenol	7.63	139	4952	2.93	ng	#	51
28) bis(2-Chloroethoxy)methane	7.85	93	576106	127.79	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	322027	113.20	ng		96
31) Naphthalene	8.12	128	758070	74.46	ng		99
33) 4-Chloroaniline	8.12	127	100054	24.18	ng	#	31
34) Hexachlorobutadiene	8.24	225	73797	43.60	ng		99
40) Hexachlorocyclopentadiene	8.97	237	119337	76.54	ng		98
48) Acenaphthylene	9.71	152	1164911	108.04	ng		99
49) Dimethylphthalate	9.57	163	805204	104.58	ng		99
50) 2,6-Dinitrotoluene	9.64	165	113823	71.56	ng		87
51) Acenaphthene	9.88	154	642378	97.29	ng		98
54) Dibenzofuran	10.05	168	662842	74.24	ng		99
55) 4-Nitrophenol	10.05	139	274291	186.87	ng	#	15
56) 2,4-Dinitrotoluene	9.85	165	12182	5.72	ng	#	8
57) Fluorene	10.40	166	405930	58.77	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	468291	139.14	ng	#	86
61) 4-Nitroaniline	10.40	138	6961	3.45	ng	#	46
62) Azobenzene	10.50	77	49334	5.51	ng	#	1
65) n-Nitrosodiphenylamine	10.51	169	420996	61.44	ng		100
70) Phenanthrene	11.41	178	1491803	133.58	ng		99
71) Anthracene	11.41	178	1491803	134.93	ng		100
73) Di-n-butylphthalate	11.89	149	597469	44.39	ng		100
74) Fluoranthene	12.76	202	647676	53.65	ng		96
76) Benzidine	12.66	184	2473	2.48	ng	#	82
77) Pyrene	12.76	202	649455	49.16	ng		100
79) Butylbenzylphthalate	13.39	149	788097	123.74	ng	#	72

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080928.D
Acq On : 7 Aug 2015 15:50
Operator : TP/UM
Sample : G3083-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 08 01:58:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Benzo(a)anthracene	13.95	228	1139258	100.85	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	170229	41.43	ng		99
82) Chrysene	14.00	228	1535675	141.97	ng		98
84) Di-n-octyl phthalate	14.57	149	2131511	141.86	ng		98
85) Indeno(1,2,3-cd)pyrene	16.74	276	1029347	100.00	ng	#	74
87) Benzo(b)fluoranthene	15.01	252	1932588	172.54	ng	#	98
88) Benzo(k)fluoranthene	15.01	252	1933416	197.31	ng	#	94
89) Benzo(a)pyrene	15.33	252	1494275	155.22	ng		97
90) Dibenzo(a,h)anthracene	16.79	278	1336081	156.91	ng	#	96
91) Benzo(g,h,i)perylene	17.12	276	117944	14.24	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
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Acq On : 7 Aug 2015 15:50
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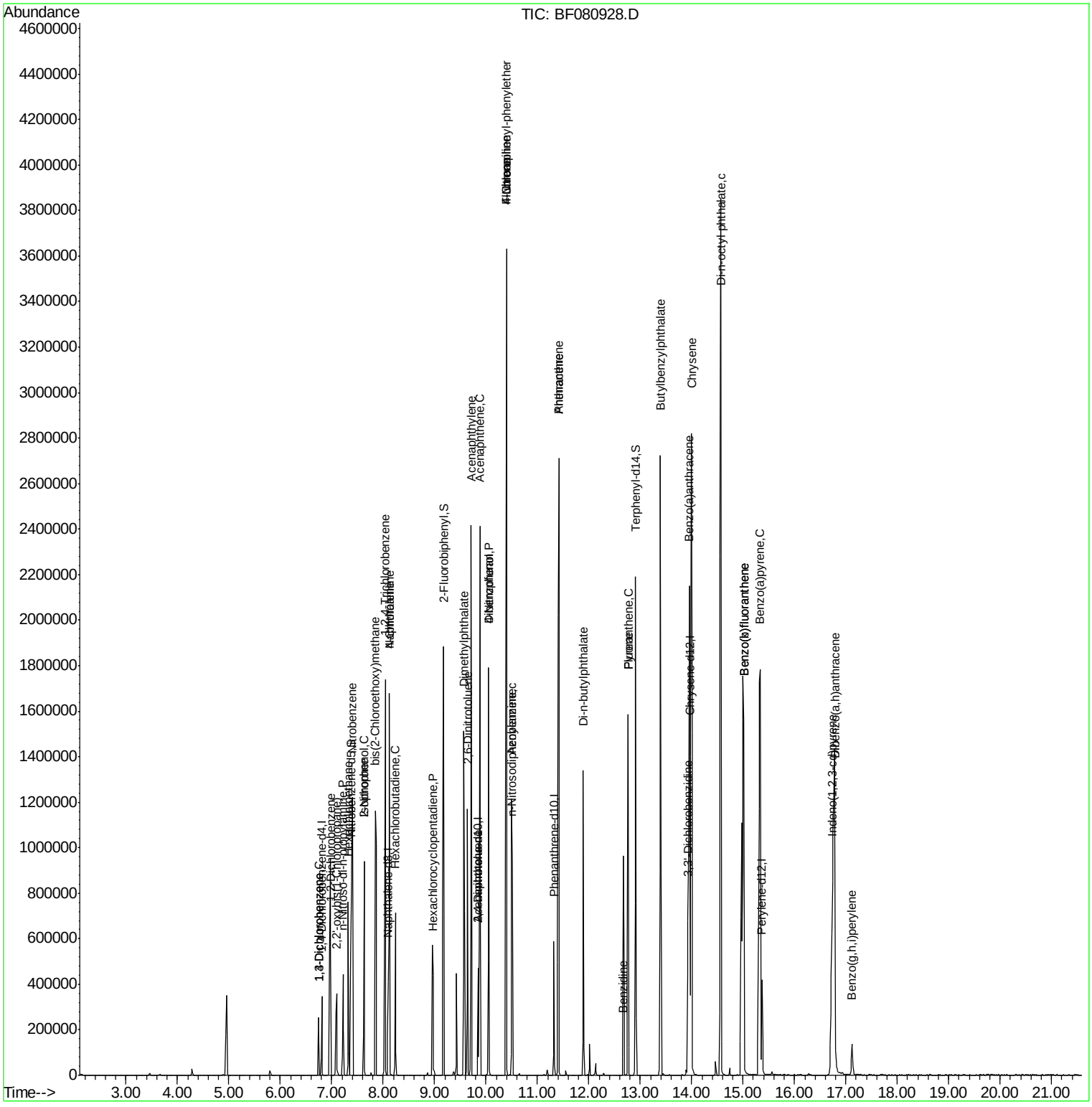
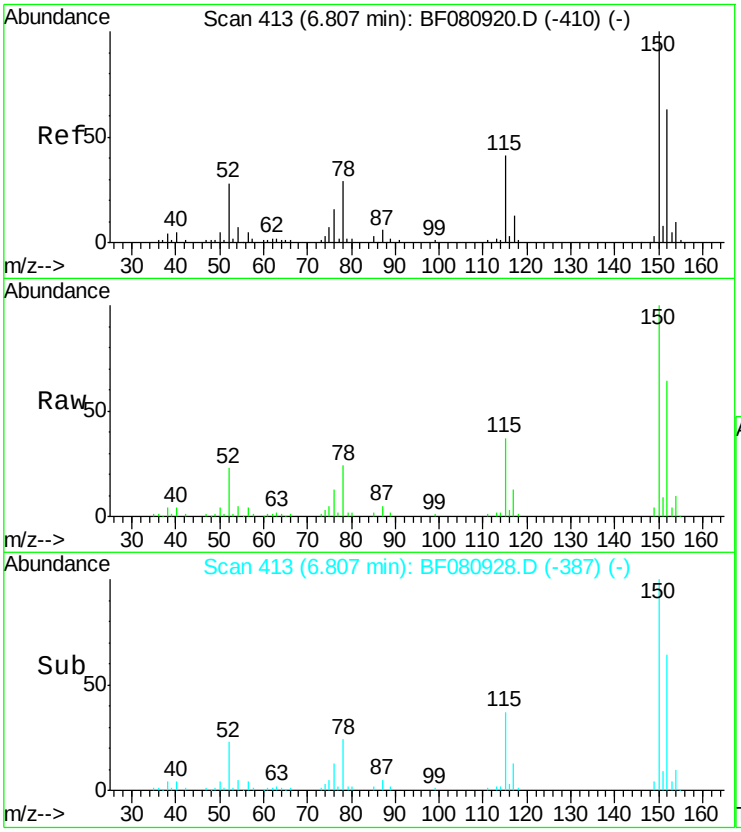
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

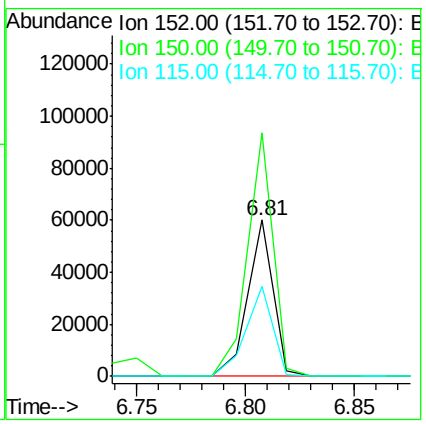




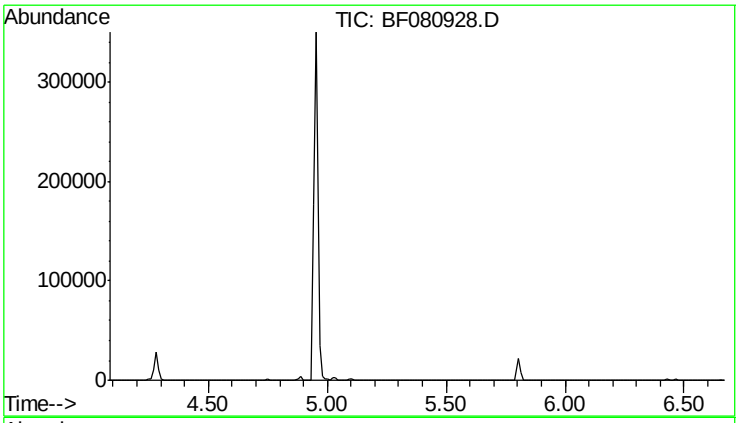
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:152 Resp: 48594

Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.4	191.2
115	58.0	52.6	78.8



Instrument :
BNA_F
ClientSampleId :

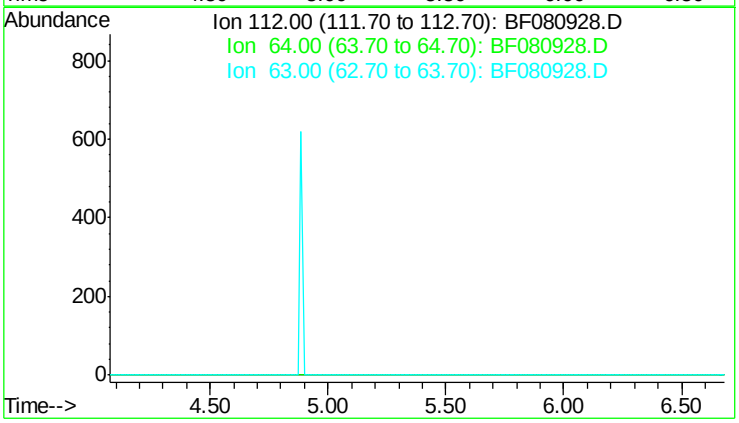


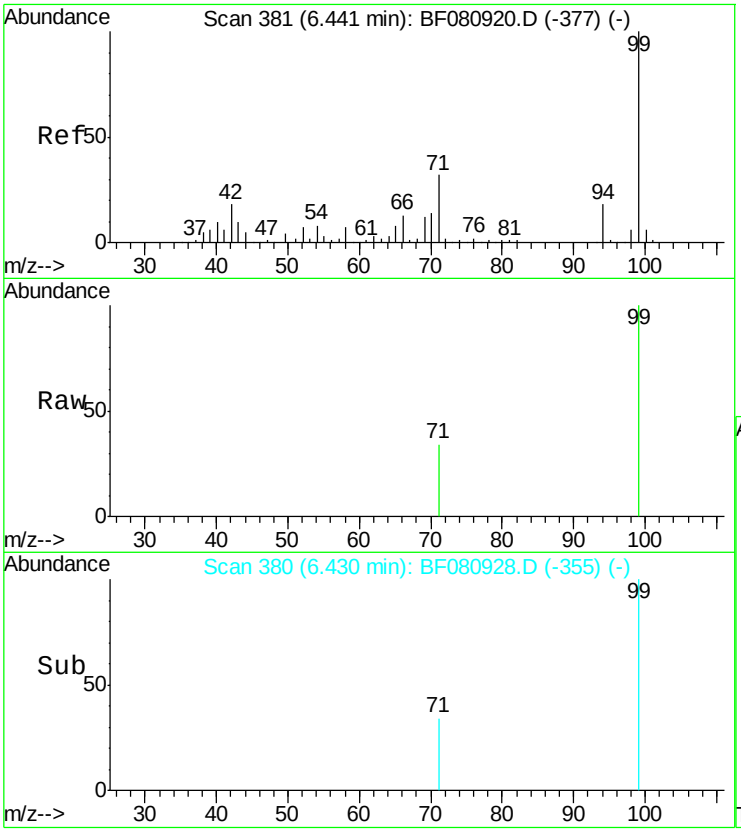
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.38 min

Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	82.6
63	43.3



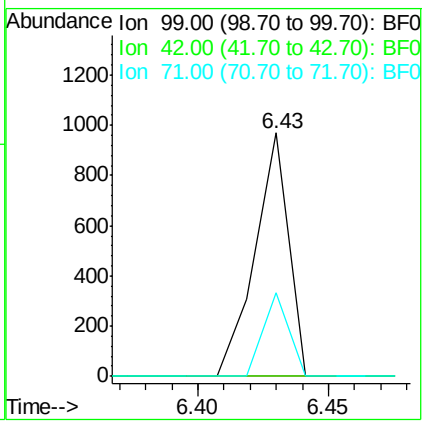


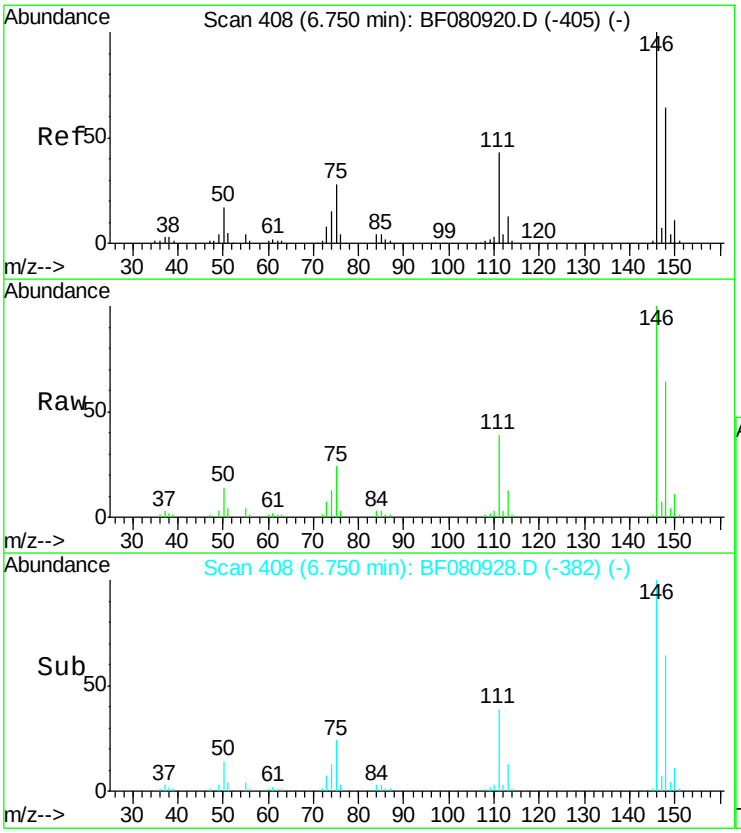
#7
Phenol-d6
Concen: 0.22 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 878

Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.4	21.6#
71	34.3	25.8	38.8

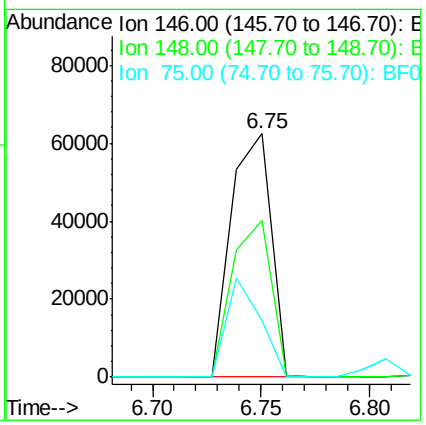


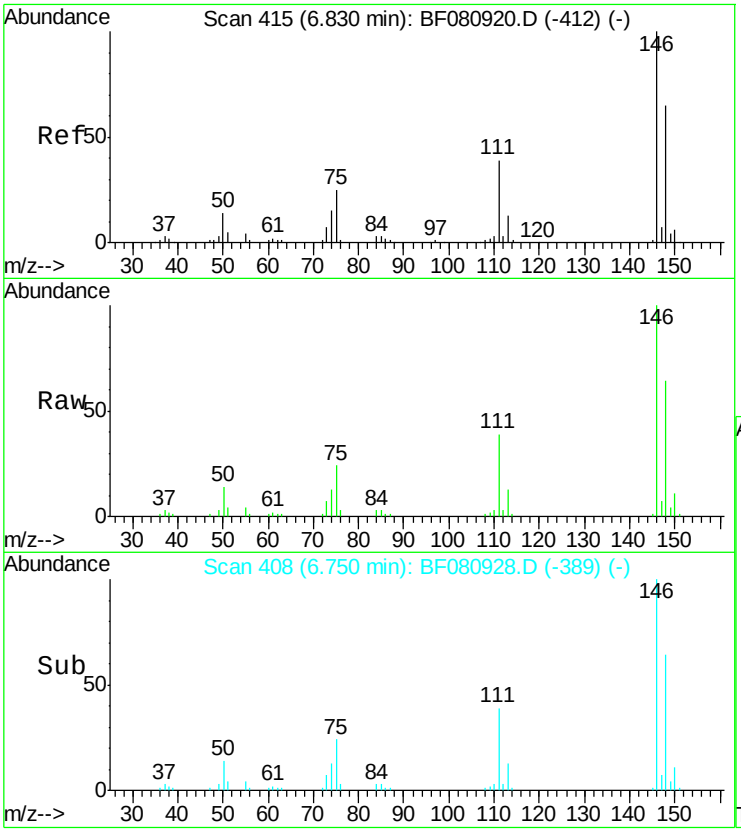


#12
1,3-Dichlorobenzene
Concen: 21.83 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:146 Resp: 79730

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	23.6	22.2	33.4



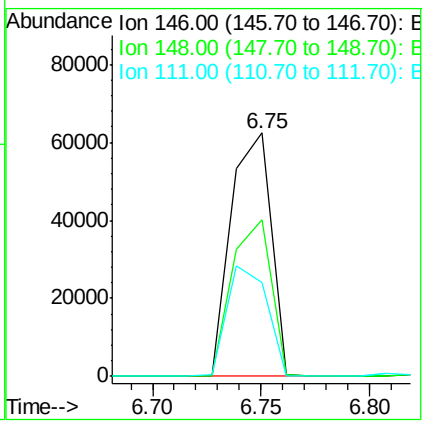


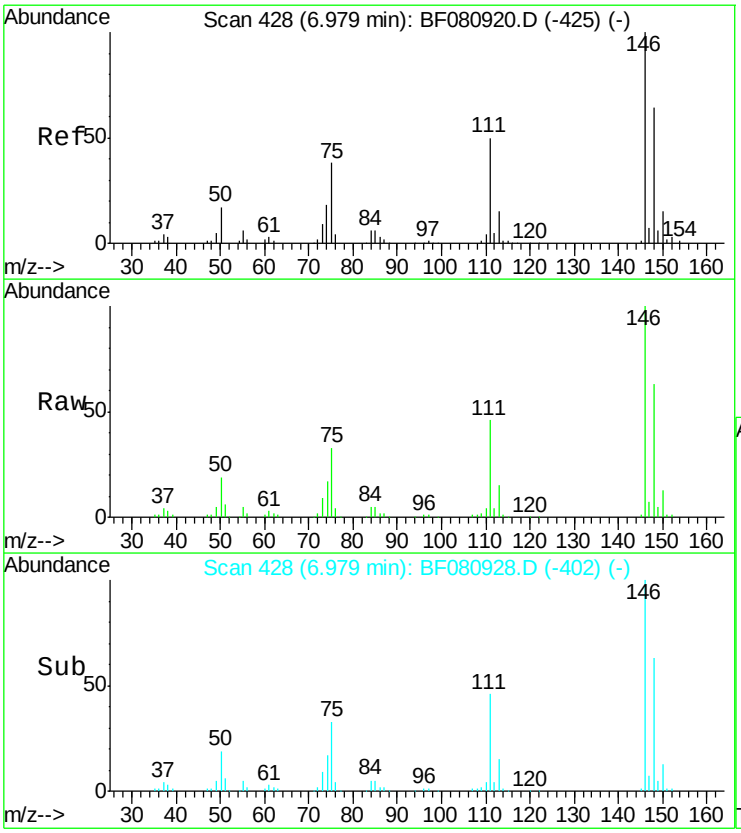
#13
1,4-Dichlorobenzene
Concen: 21.01 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.08 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 79730

Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.4
111	38.8	31.5	47.3

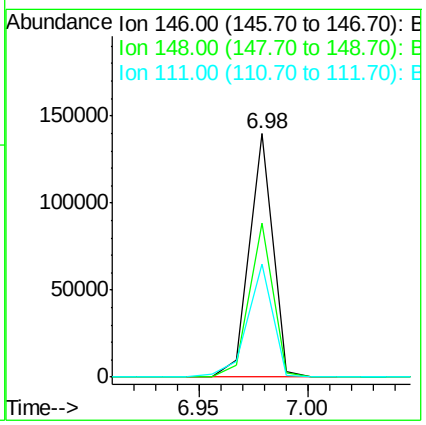


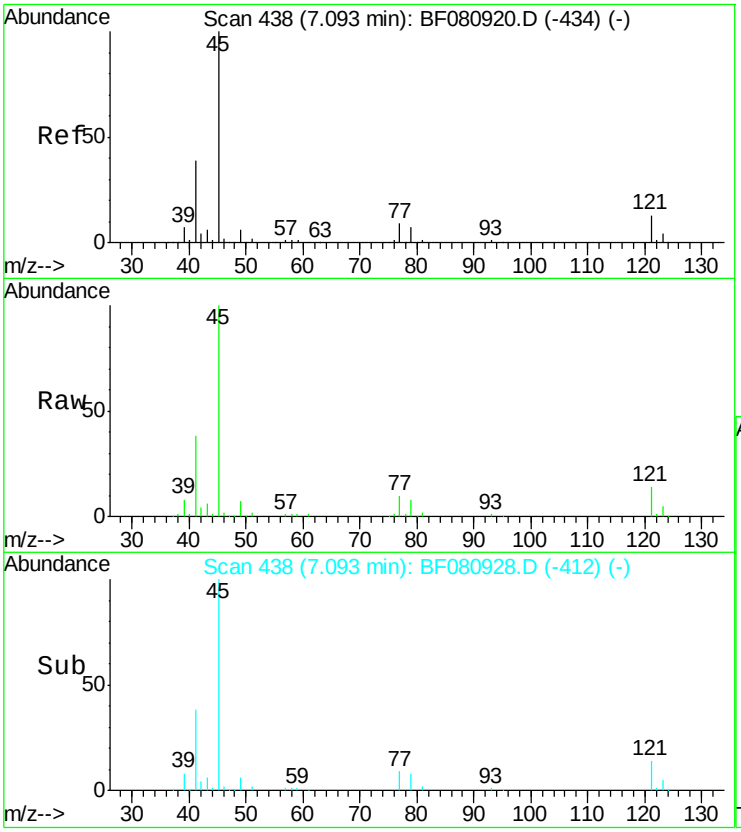


#14
1,2-Dichlorobenzene
Concen: 30.65 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:146 Resp: 105156

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	46.3	40.0	60.0



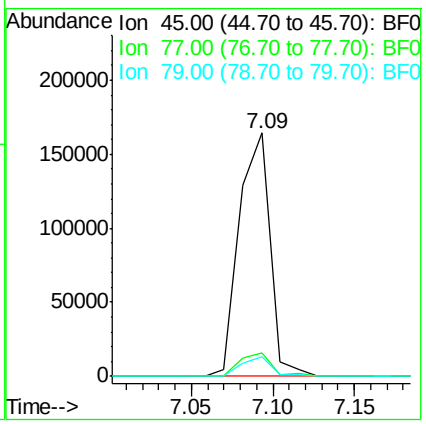


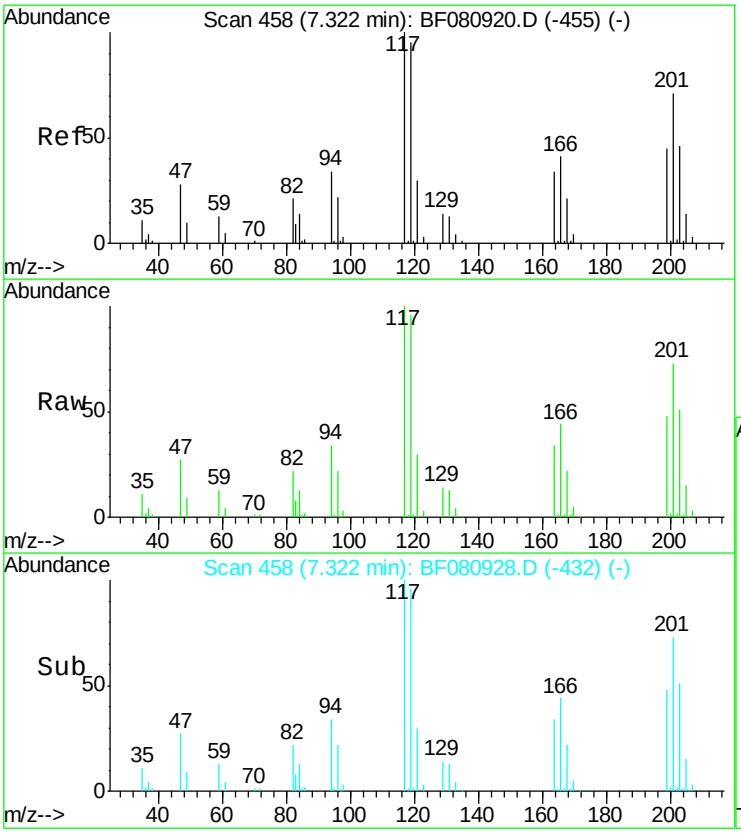
#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.49 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 214173

Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	29.6
79	8.3	0.0	27.7

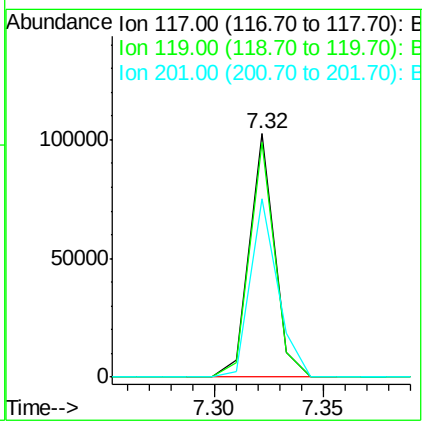


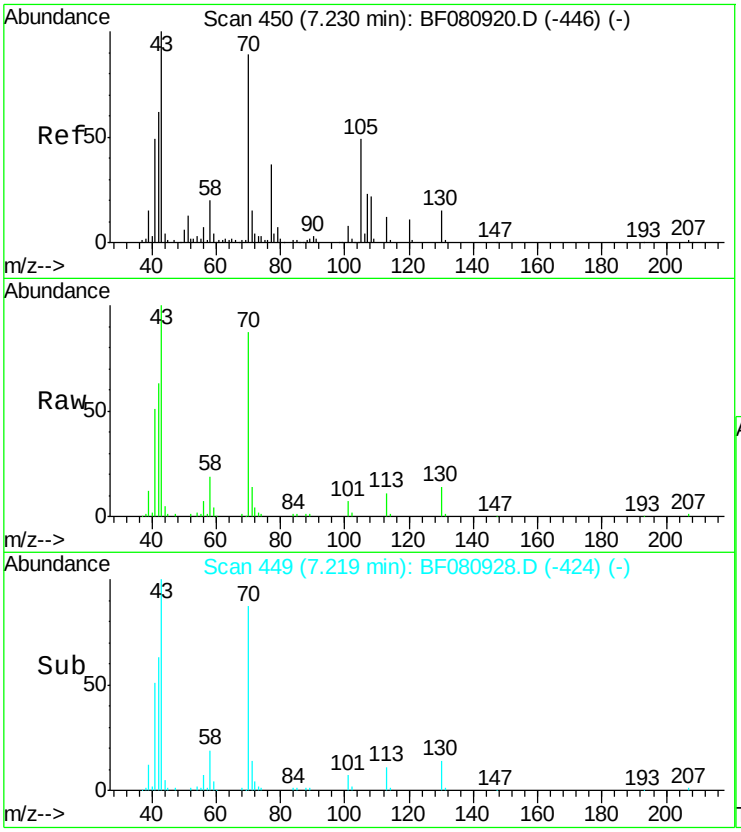


#18
Hexachloroethane
Concen: 56.56 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:117 Resp: 82245

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.3	114.5
201	73.3	57.0	85.6



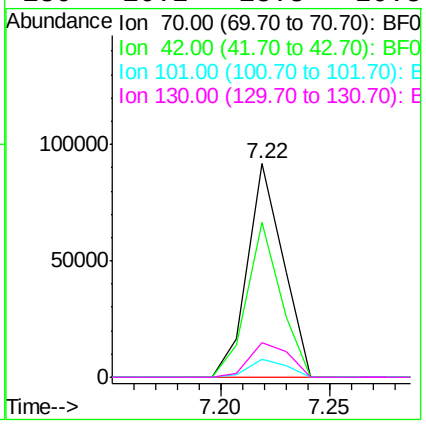


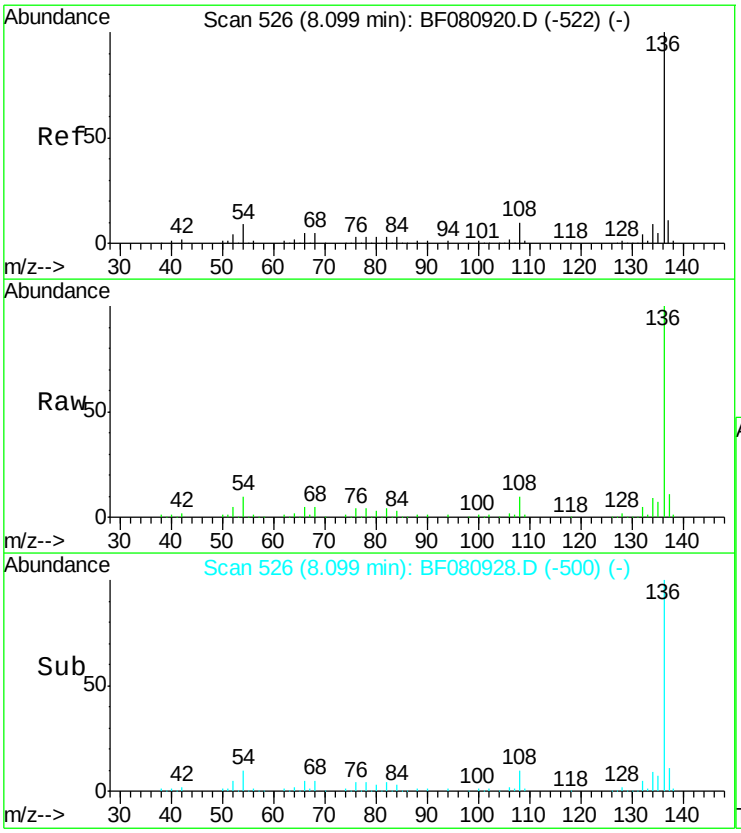
#19
n-Nitroso-di-n-propylamine
Concen: 35.35 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 105311

Ion	Ratio	Lower	Upper
70	100		
42	72.5	55.7	83.5
101	8.3	7.0	10.6
130	16.2	13.8	20.8

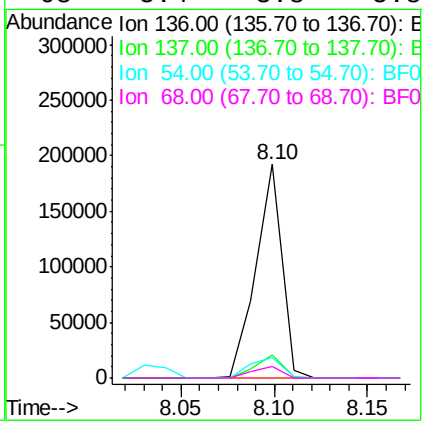


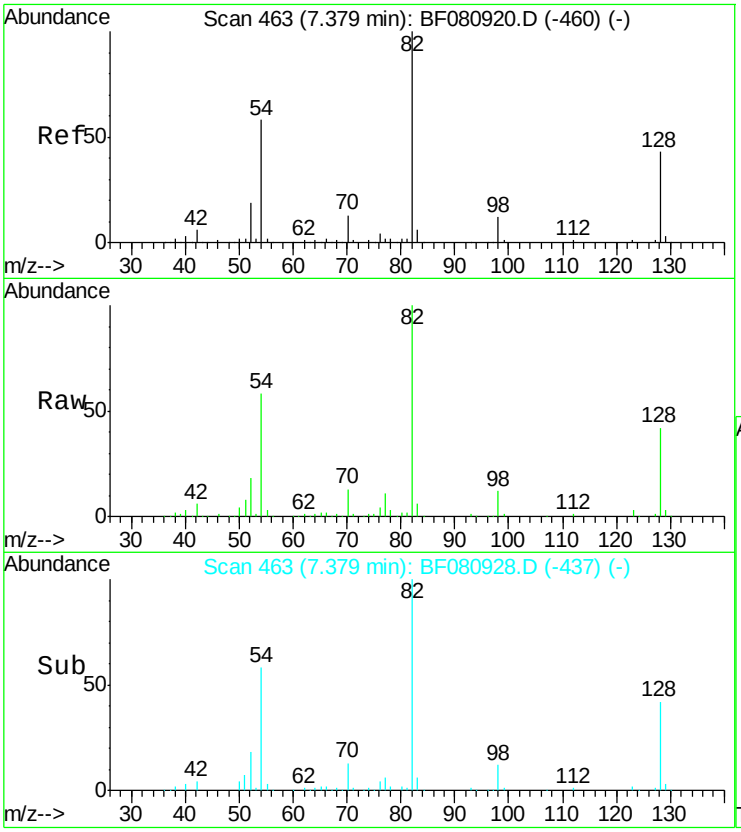


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:136 Resp: 184714

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.9	7.1	10.7
68	5.4	3.8	5.8



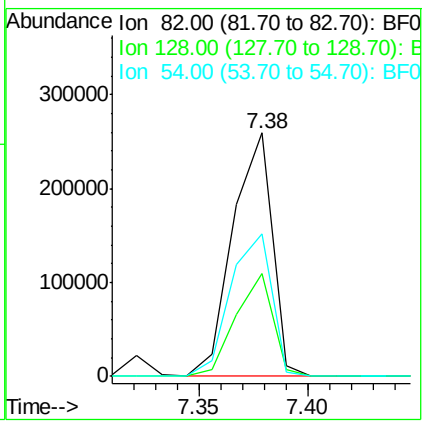


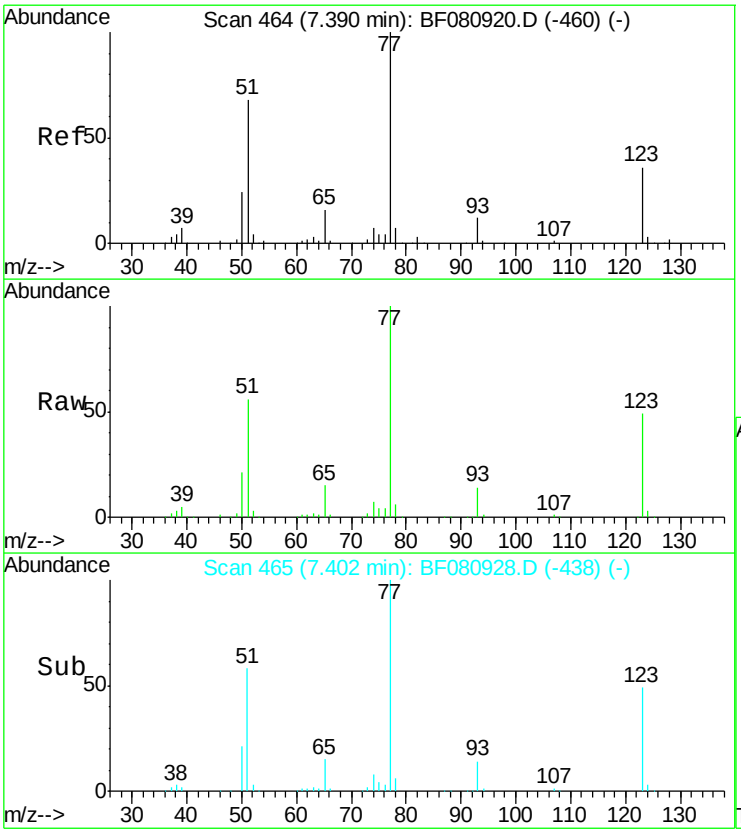
#23
Nitrobenzene-d5
Concen: 83.87 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 327503

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.1	51.1
54	58.4	46.5	69.7

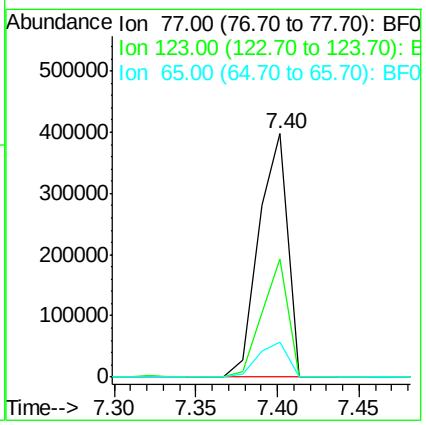


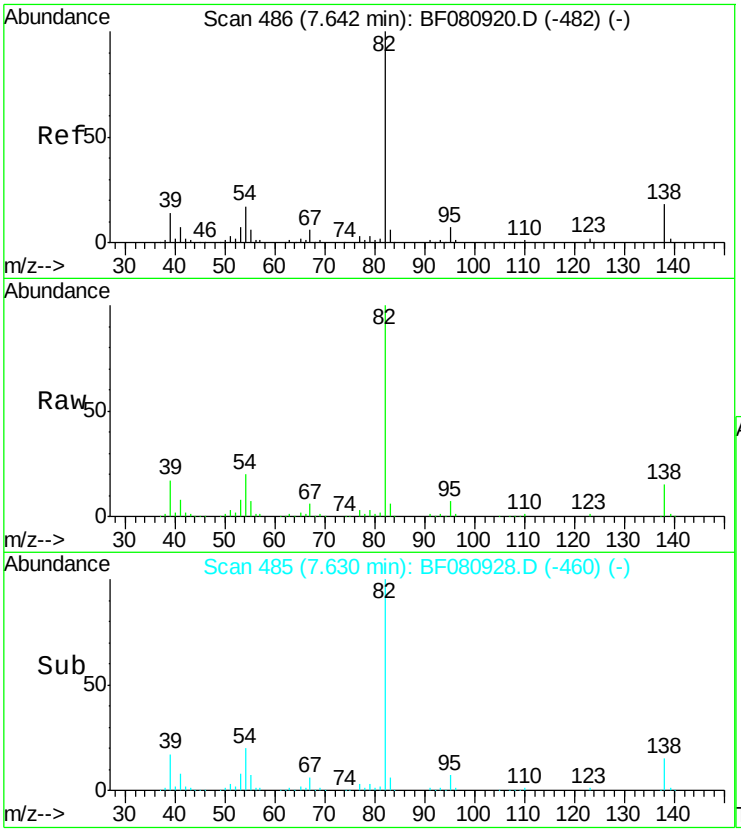


#24
Nitrobenzene
Concen: 120.65 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion: 77 Resp: 485078

Ion	Ratio	Lower	Upper
77	100		
123	48.7	28.7	43.1#
65	14.6	12.5	18.7

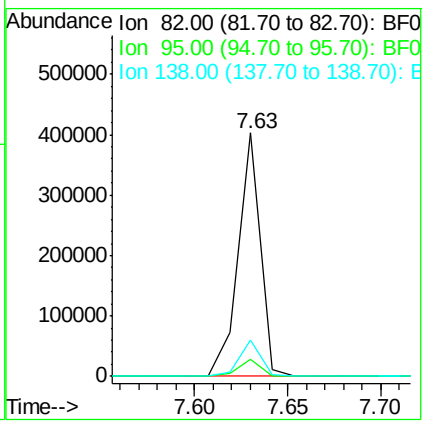




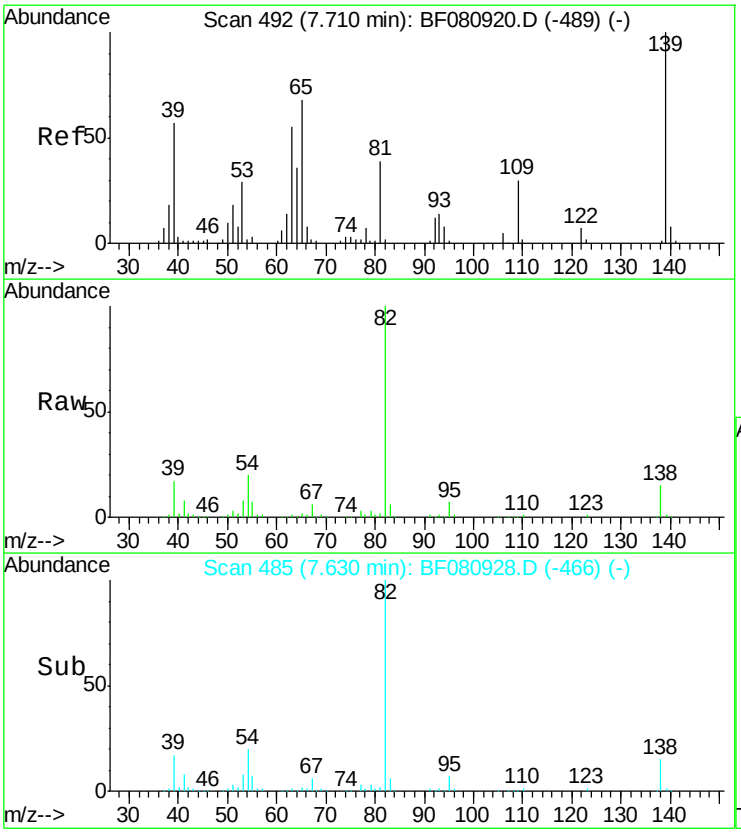
#25
Isophorone
Concen: 44.42 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion: 82 Resp: 333589

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	14.9	14.1	21.1



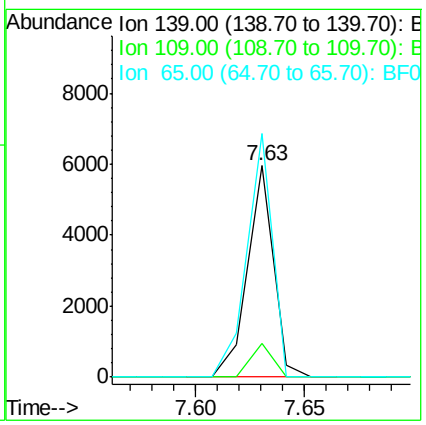
Instrument :
BNA_F
ClientSampleId :

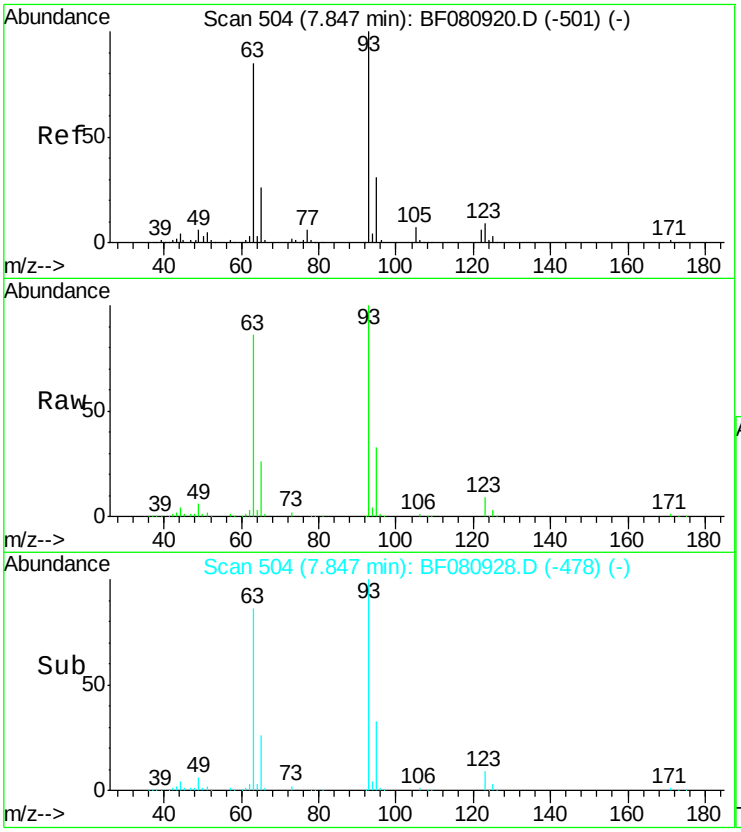


#26
2-Nitrophenol
Concen: 2.93 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.08 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:139 Resp: 4952

Ion	Ratio	Lower	Upper
139	100		
109	16.0	24.1	36.1#
65	115.2	54.0	81.0#



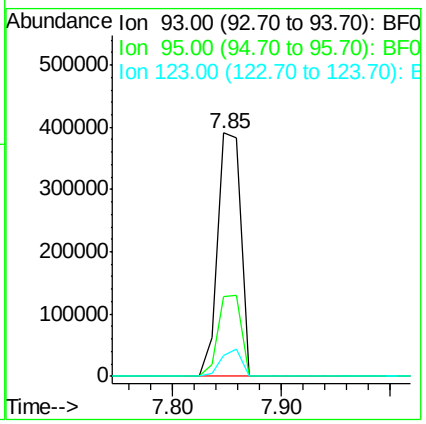


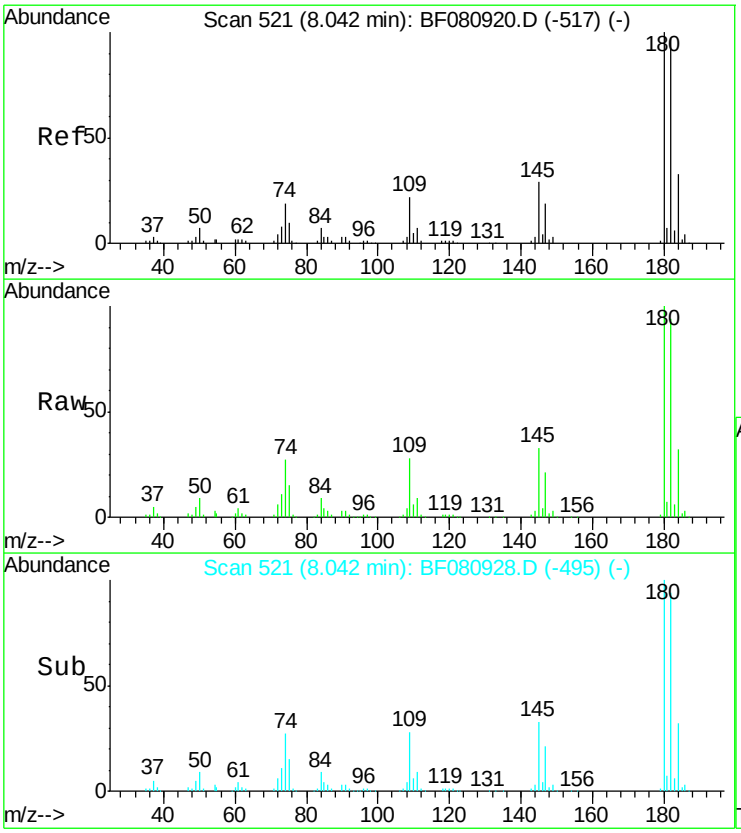
#28
bis(2-Chloroethoxy)methane
Concen: 127.79 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 576106

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.0	37.4
123	8.8	7.4	11.0

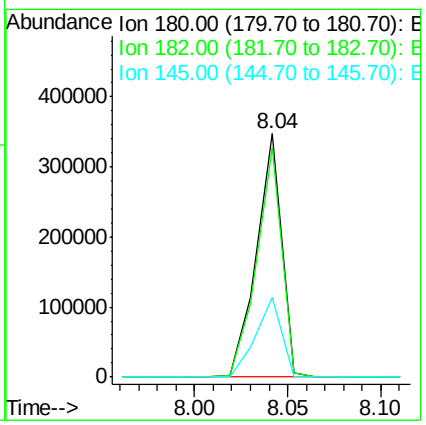


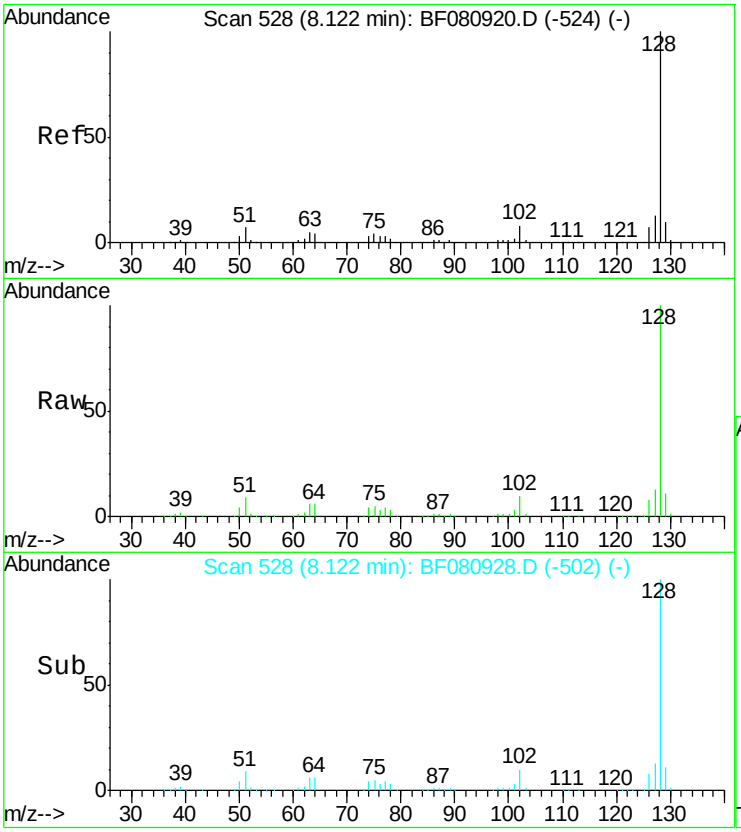


#30
1,2,4-Trichlorobenzene
Concen: 113.20 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:180 Resp: 322027

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.4	116.0
145	32.9	23.2	34.8



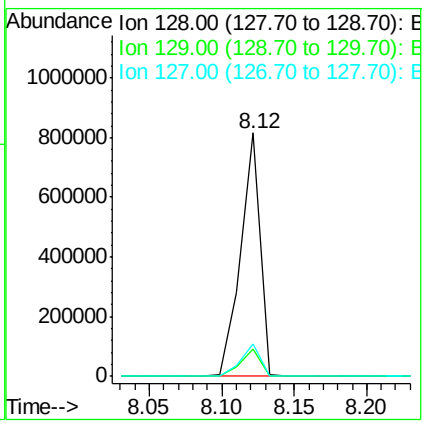


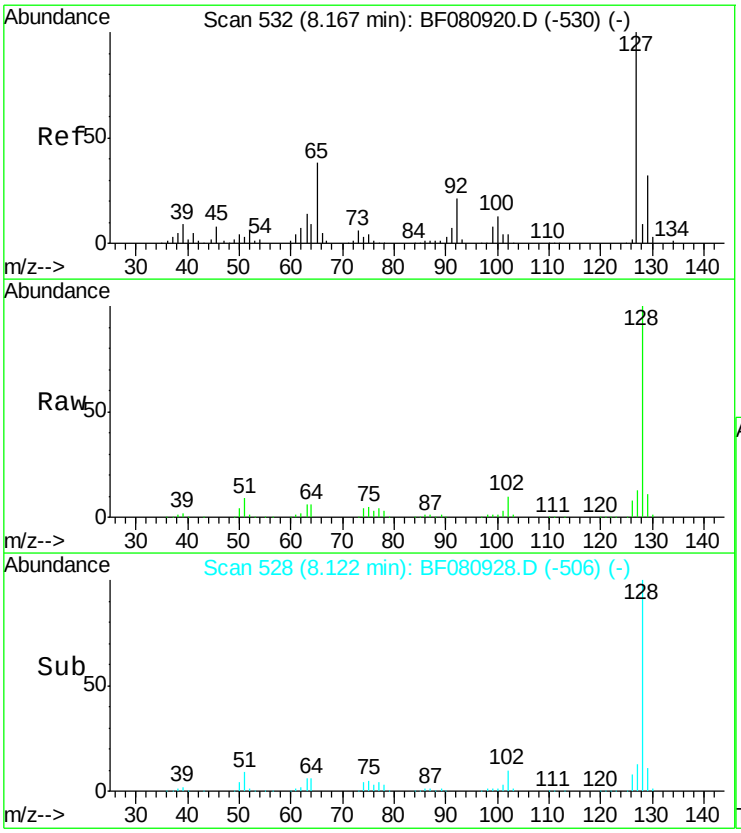
#31
Naphthalene
Concen: 74.46 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 758070

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	13.3	10.5	15.7

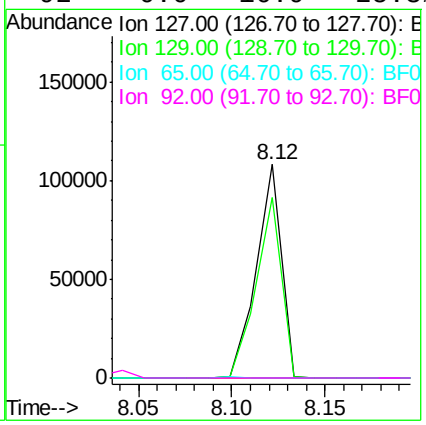


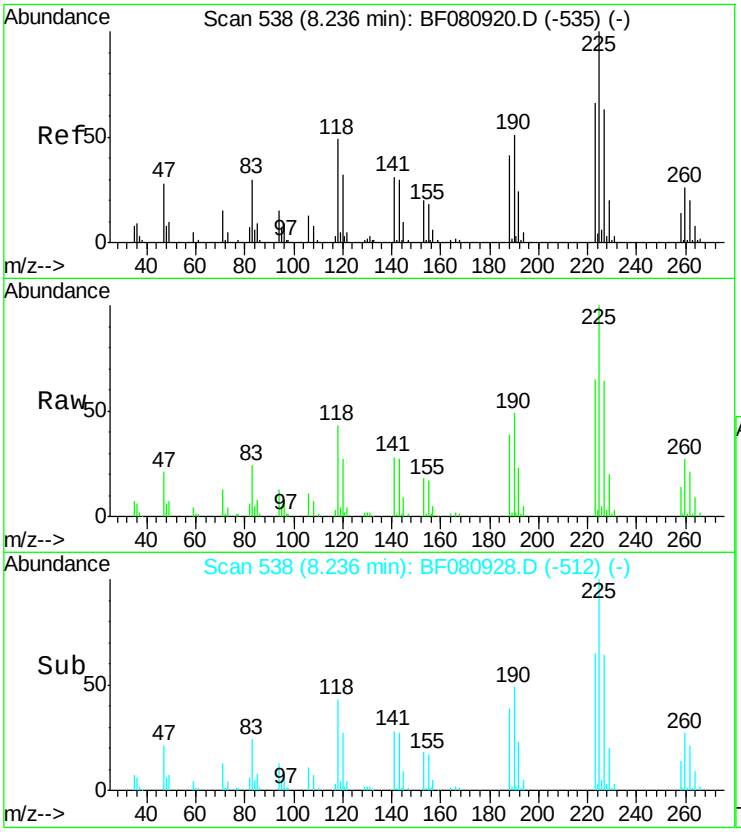


#33
4-Chloroaniline
Concen: 24.18 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:127 Resp: 100054

Ion	Ratio	Lower	Upper
127	100		
129	84.2	25.9	38.9#
65	0.0	30.6	45.8#
92	0.0	16.9	25.3#



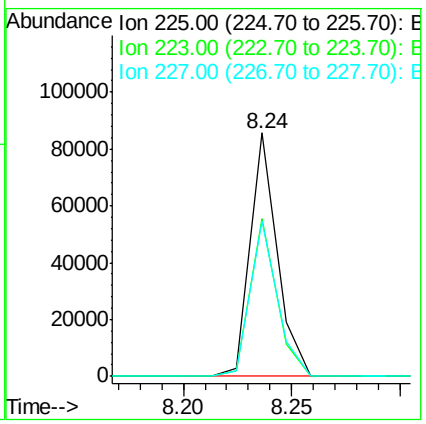


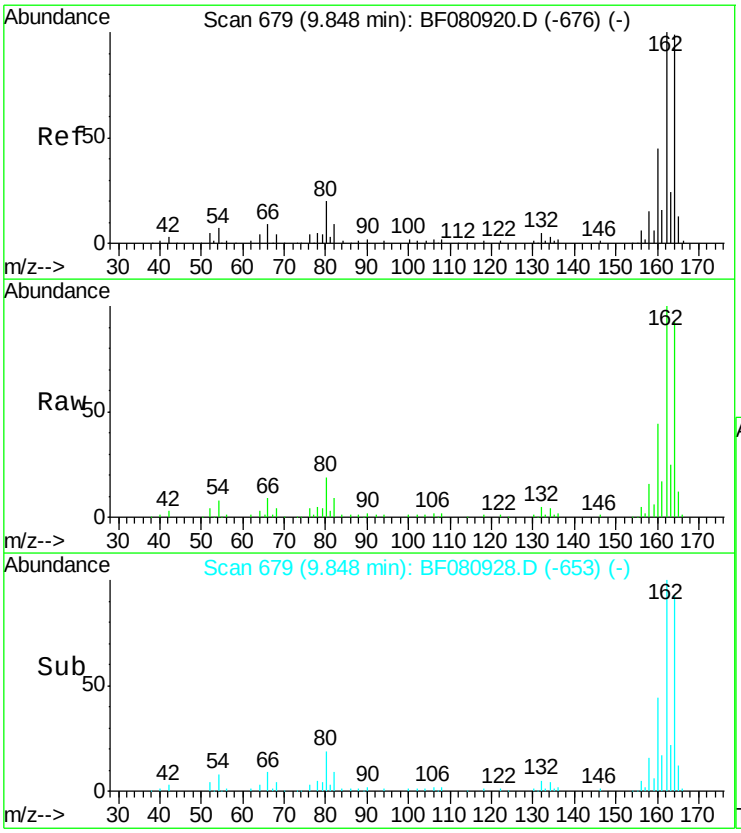
#34
Hexachlorobutadiene
Concen: 43.60 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:225 Resp: 73797

Ion	Ratio	Lower	Upper
225	100		
223	64.6	52.5	78.7
227	63.7	50.3	75.5

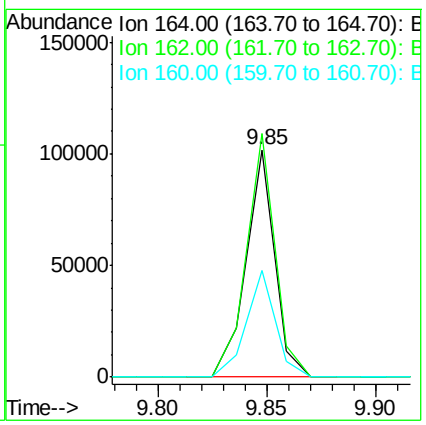


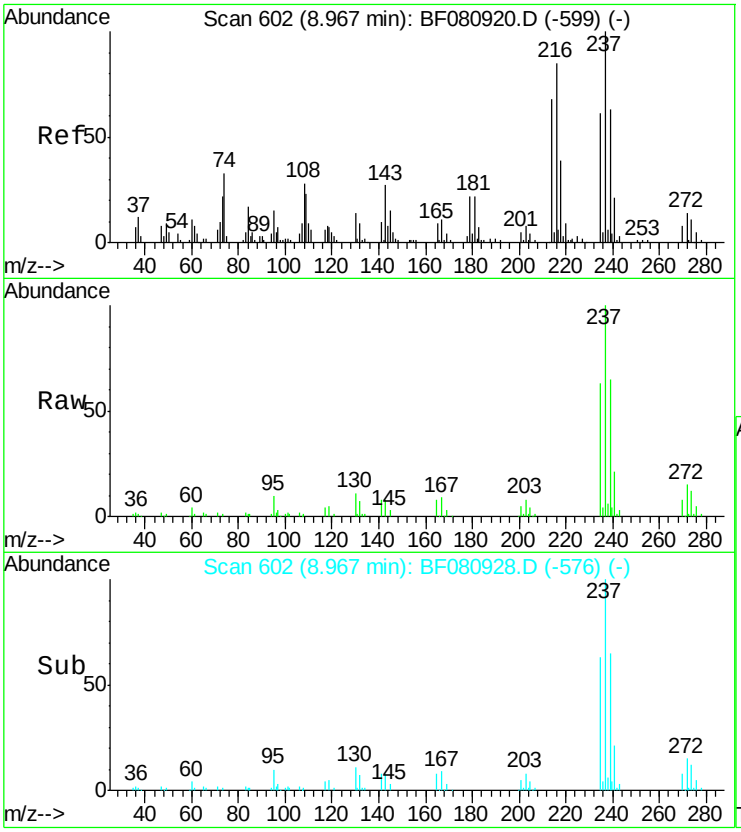


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:164 Resp: 92685

Ion	Ratio	Lower	Upper
164	100		
162	107.2	80.5	120.7
160	47.2	36.6	54.8



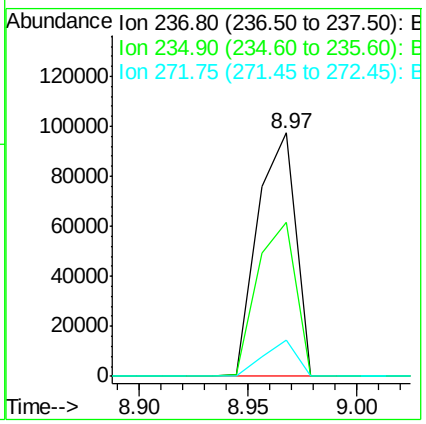


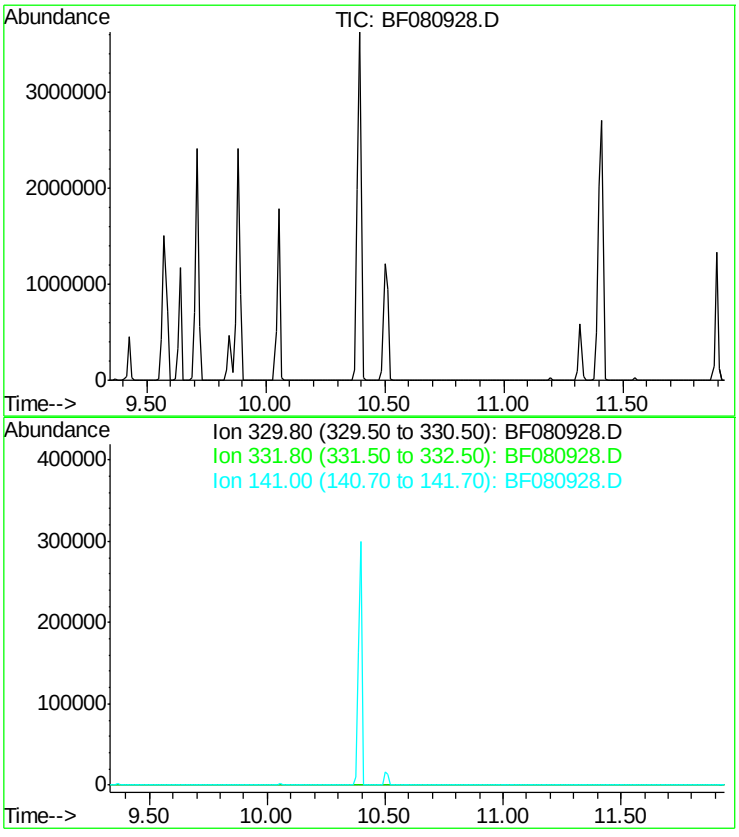
#40
Hexachlorocyclopentadiene
Concen: 76.54 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:237 Resp: 119337

Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.3	81.3
272	14.8	0.0	33.6



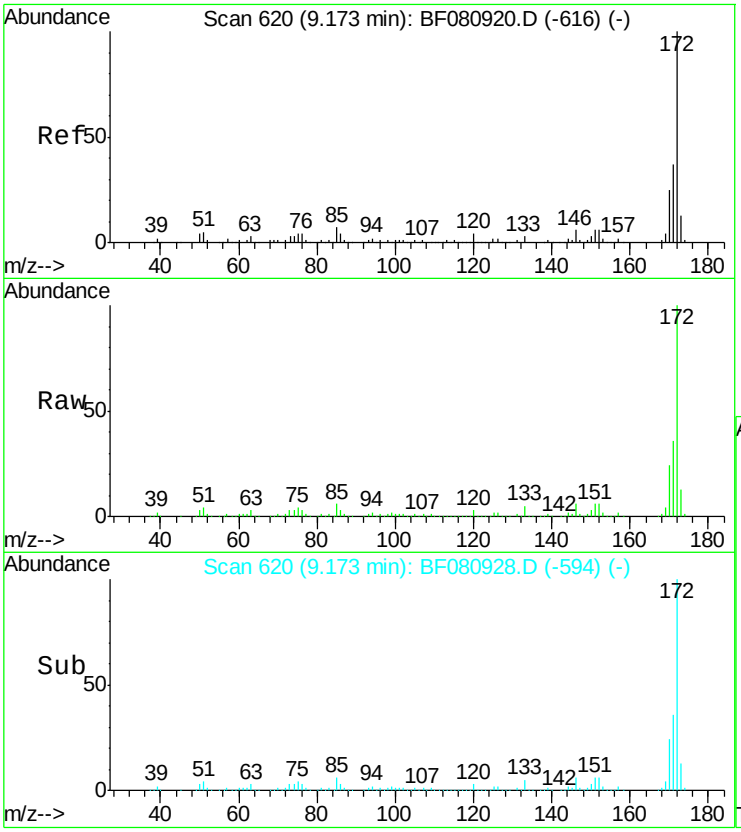


#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.64 min

Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.3
141	34.8

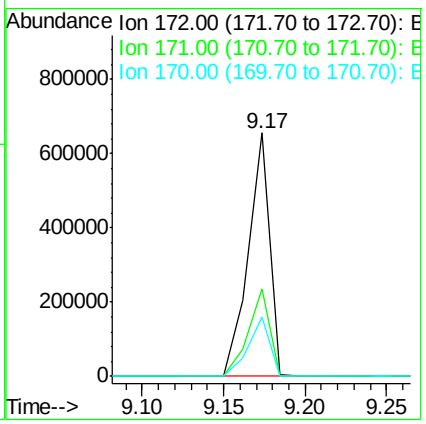


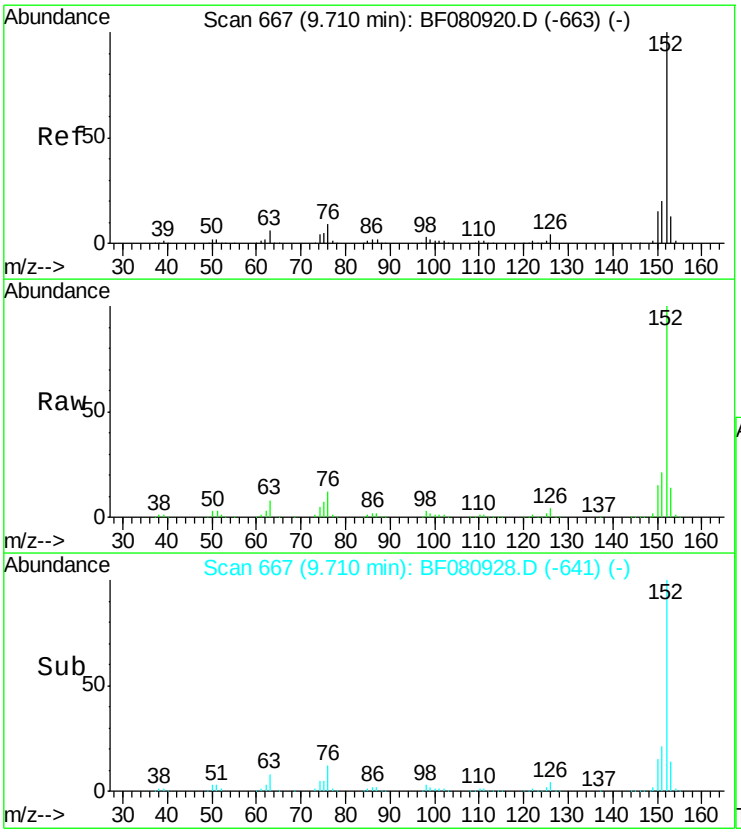
#44
2-Fluorobiphenyl
Concen: 90.67 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 596973

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.2	19.7	29.5

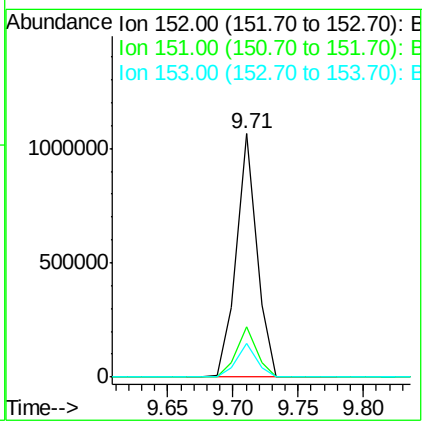


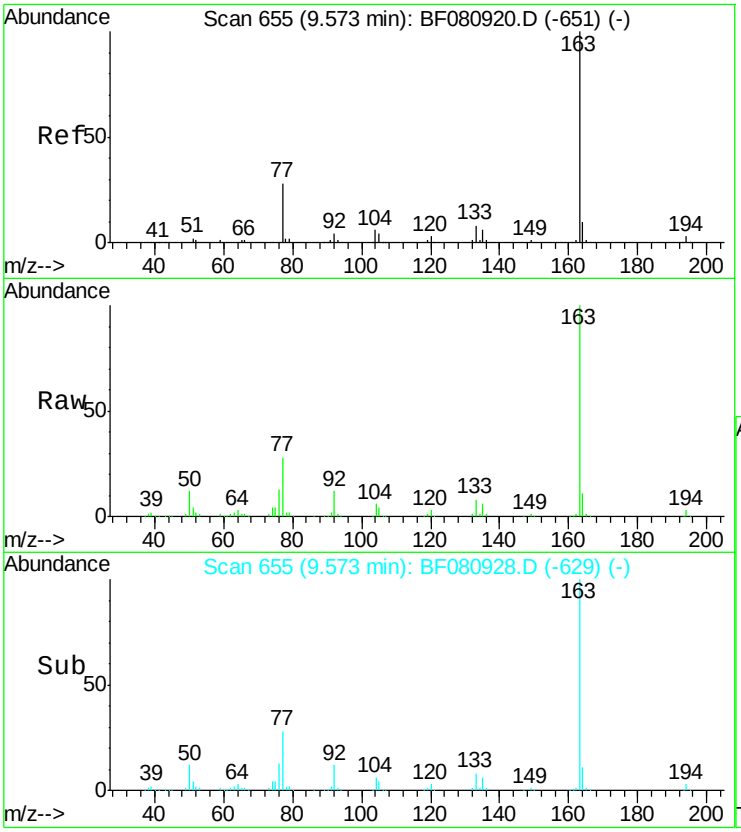


#48
Acenaphthylene
Concen: 108.04 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:152 Resp: 1164911

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.0	10.5	15.7



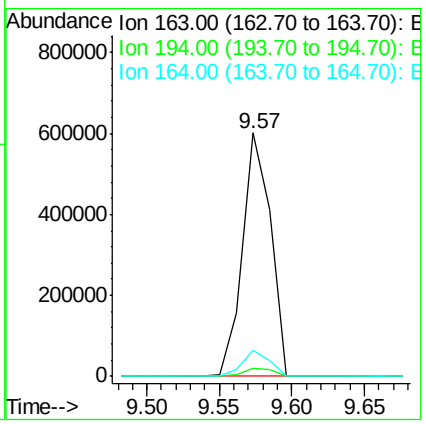


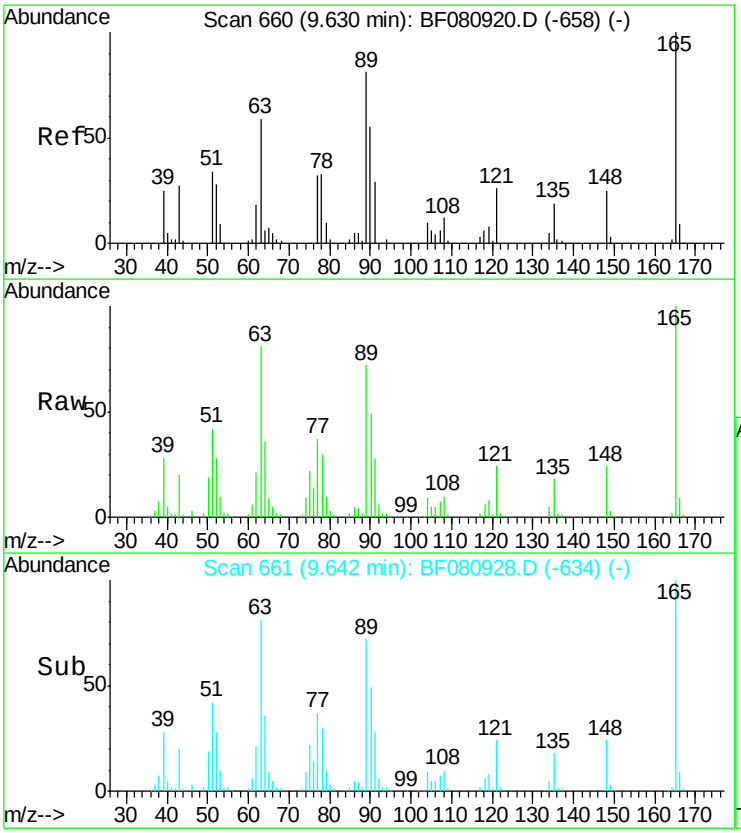
#49
Dimethylphthalate
Concen: 104.58 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 805204

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.4	3.6
164	10.5	8.2	12.4

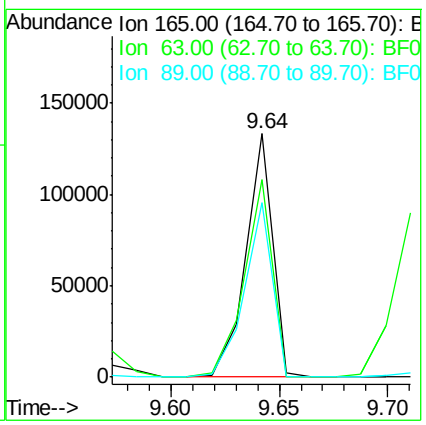


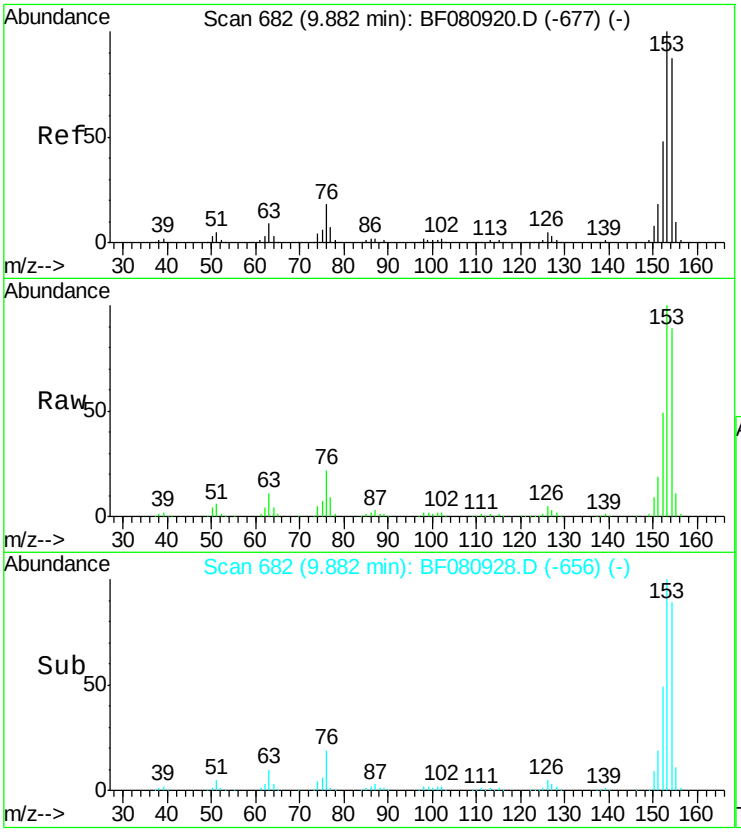


#50
2,6-Dinitrotoluene
Concen: 71.56 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:165 Resp: 113823

Ion	Ratio	Lower	Upper
165	100		
63	80.9	77.6	116.4
89	71.9	64.5	96.7



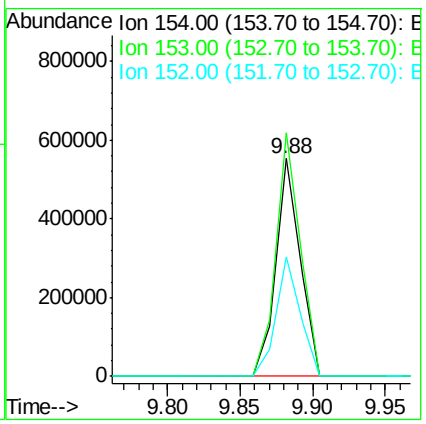


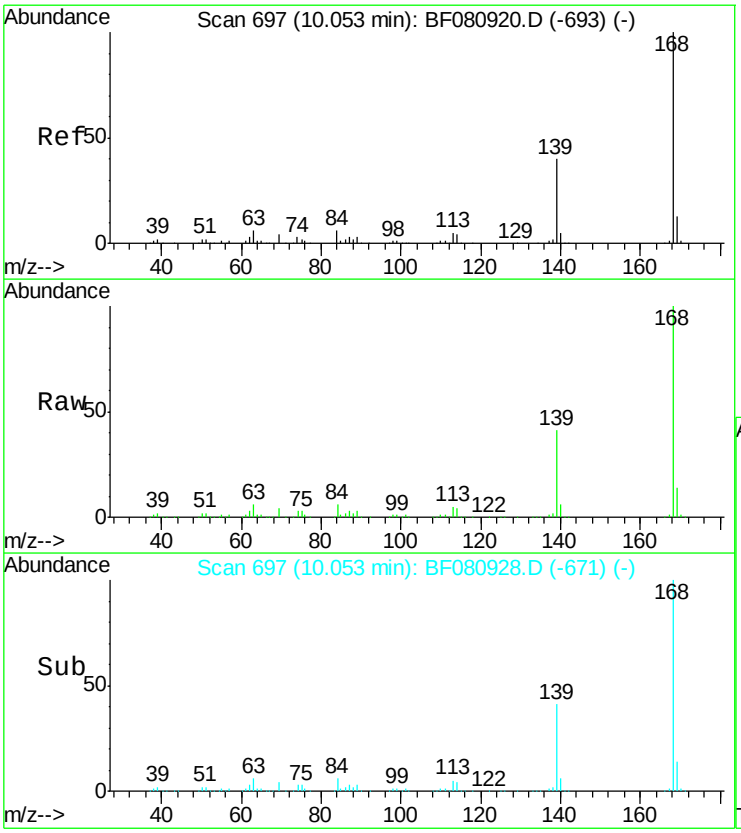
#51
Acenaphthene
Concen: 97.29 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 642378

Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.4	137.2
152	54.9	44.2	66.4

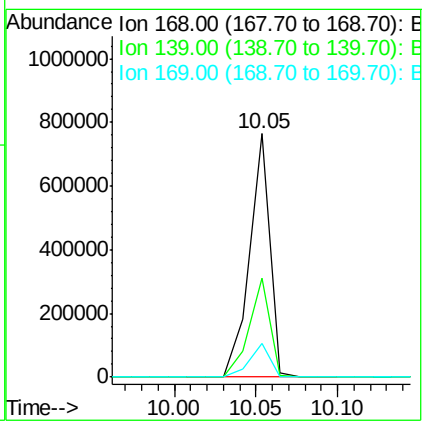


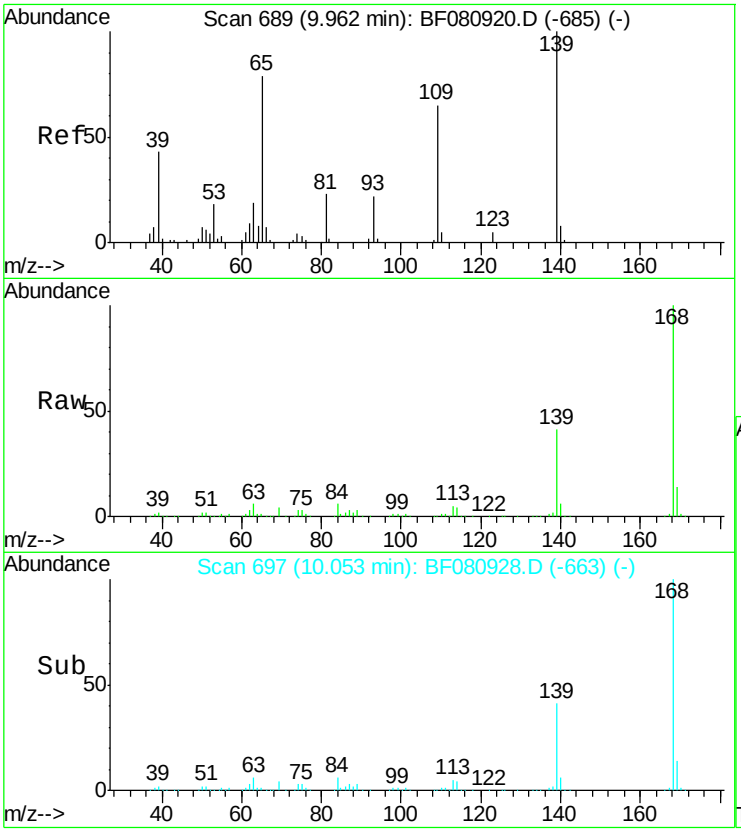


#54
Dibenzofuran
Concen: 74.24 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:168 Resp: 662842

Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.9	47.9
169	13.7	10.6	15.8



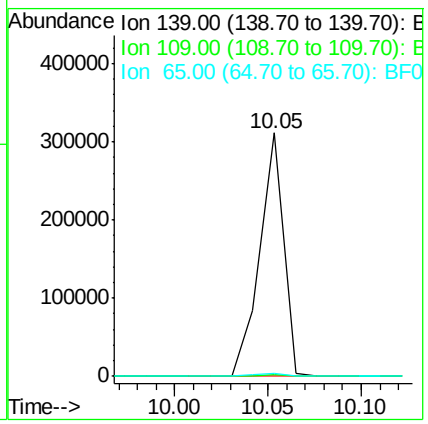


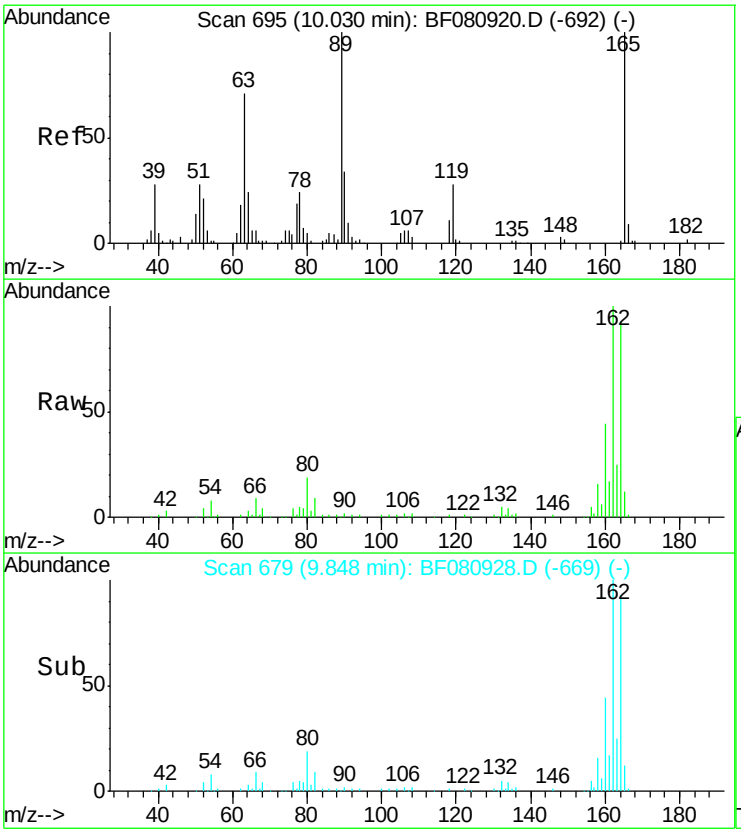
#55
4-Nitrophenol
Concen: 186.87 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.09 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 274291

Ion	Ratio	Lower	Upper
139	100		
109	0.8	44.7	84.7#
65	1.5	59.5	99.5#

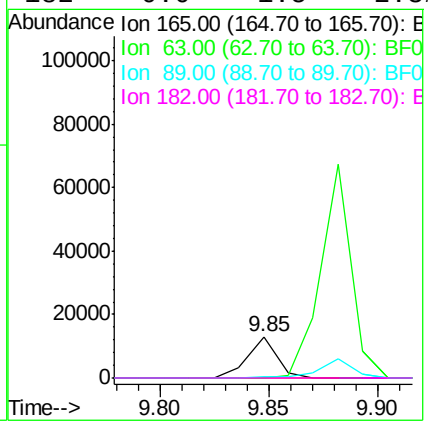


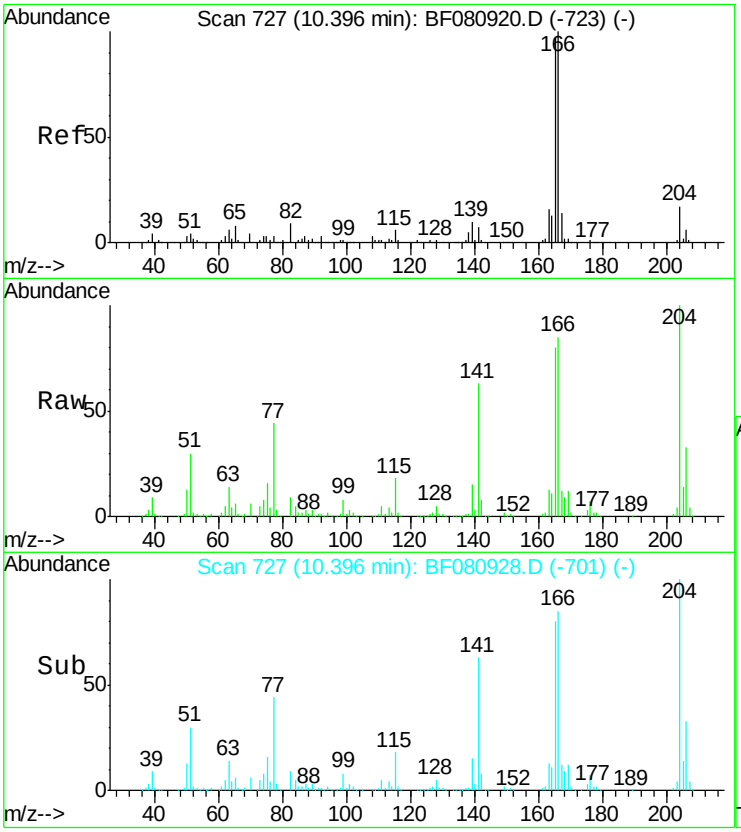


#56
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.18 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:165 Resp: 12182

Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.7	85.1#
89	2.6	80.4	120.6#
182	0.0	1.5	2.3#



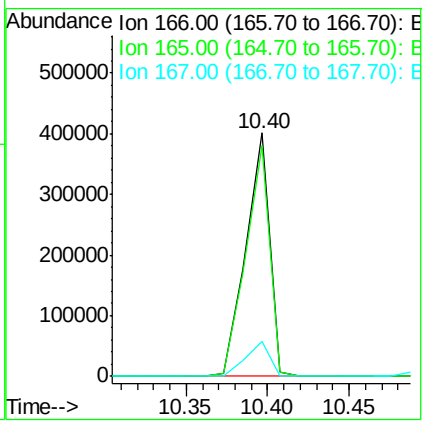


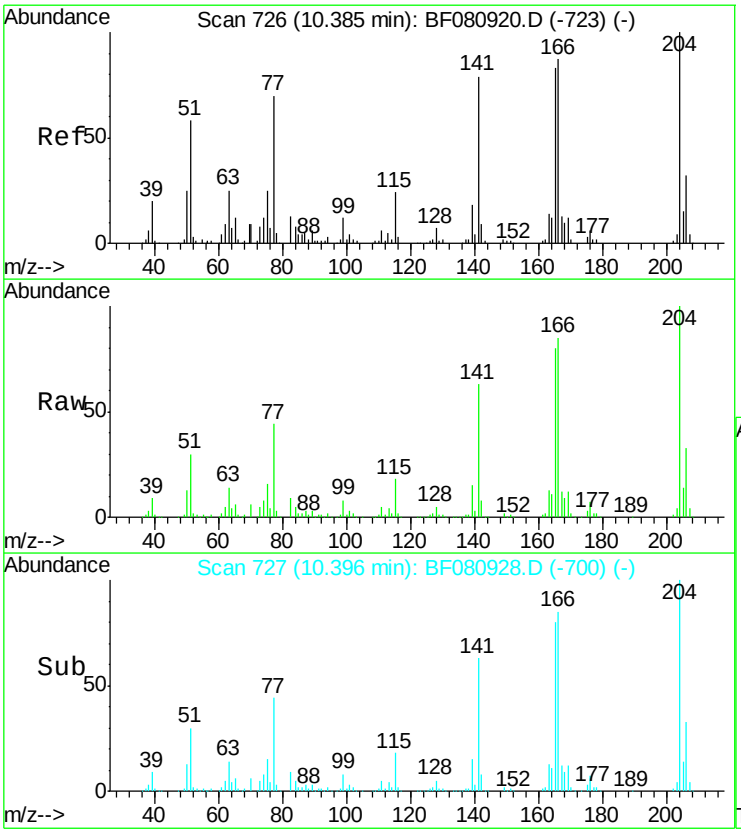
#57
Fluorene
Concen: 58.77 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 405930

Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.2	115.8
167	14.2	10.8	16.2

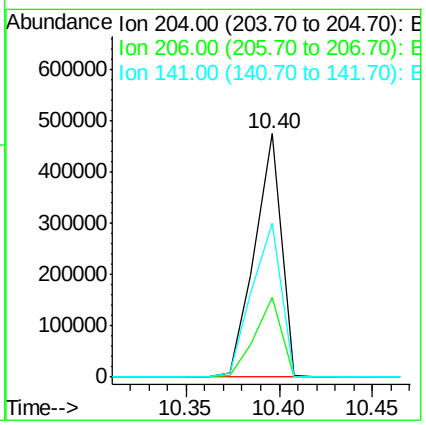


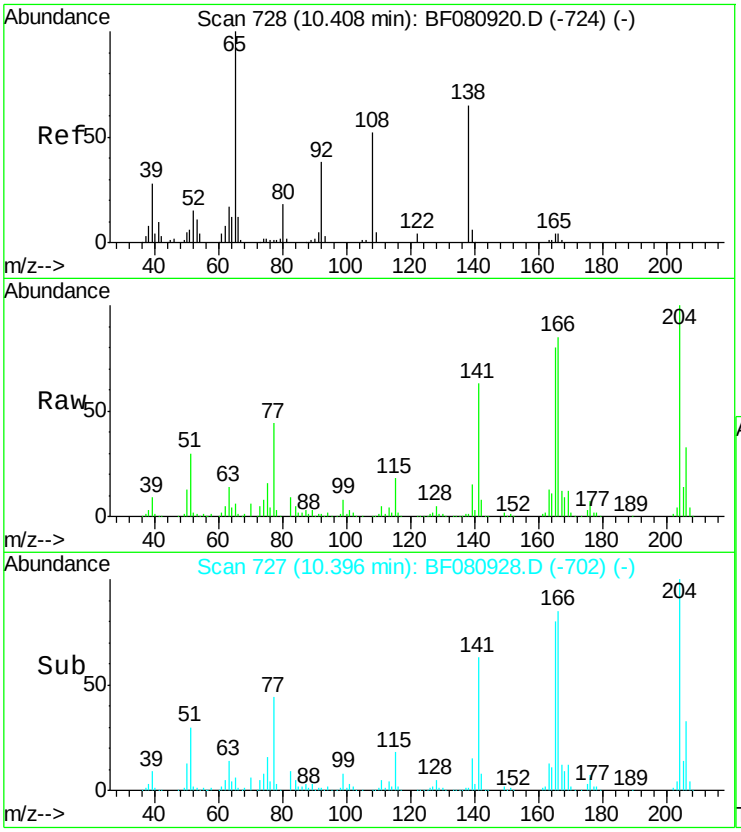


#60
4-Chlorophenyl-phenylether
Concen: 139.14 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:204 Resp: 468291

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.5	38.3
141	63.1	63.4	95.0#

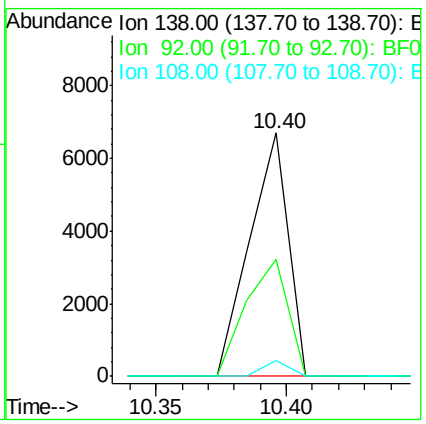




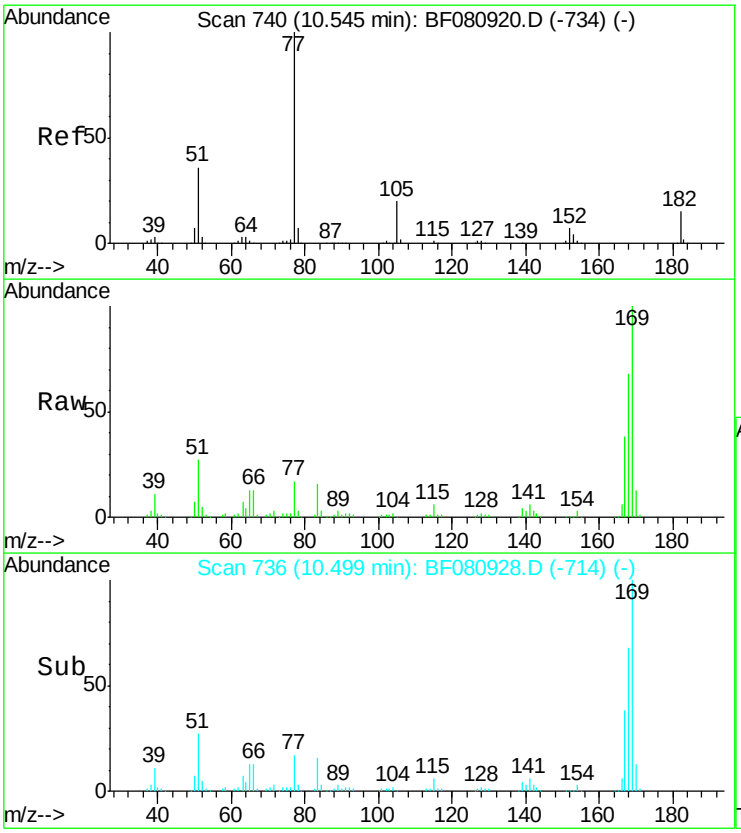
#61
4-Nitroaniline
Concen: 3.45 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:138 Resp: 6961

Ion	Ratio	Lower	Upper
138	100		
92	47.8	38.1	78.1
108	6.3	59.9	99.9#



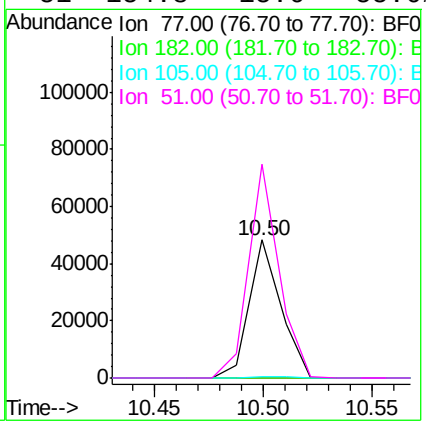
Instrument :
BNA_F
ClientSampleId :

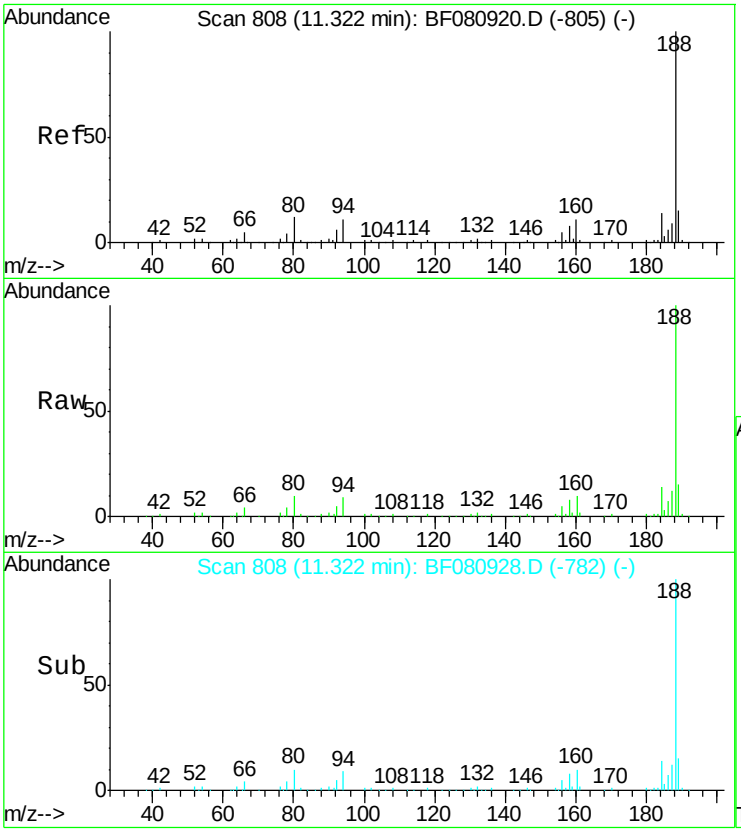


#62
Azobenzene
Concen: 5.51 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.05 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion: 77 Resp: 49334

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	35.5
105	1.0	0.5	40.5
51	154.8	15.6	55.6#



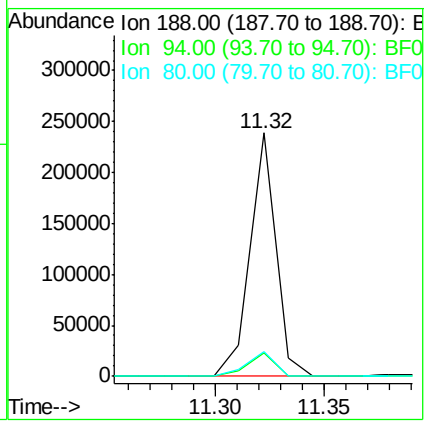


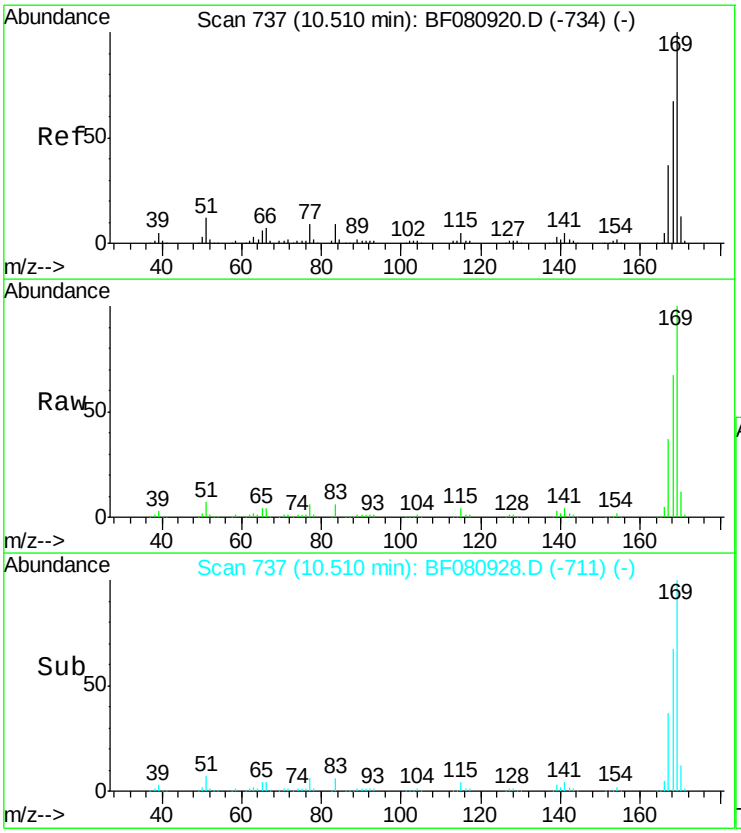
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 197226

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.8	13.2
80	10.4	9.5	14.3

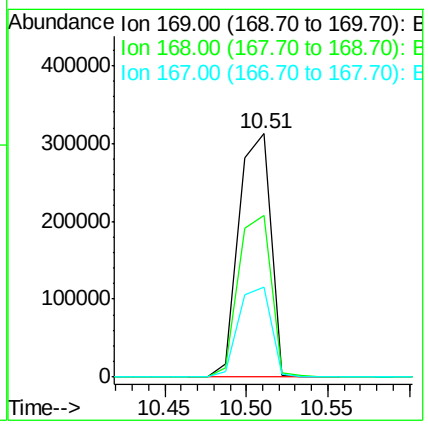


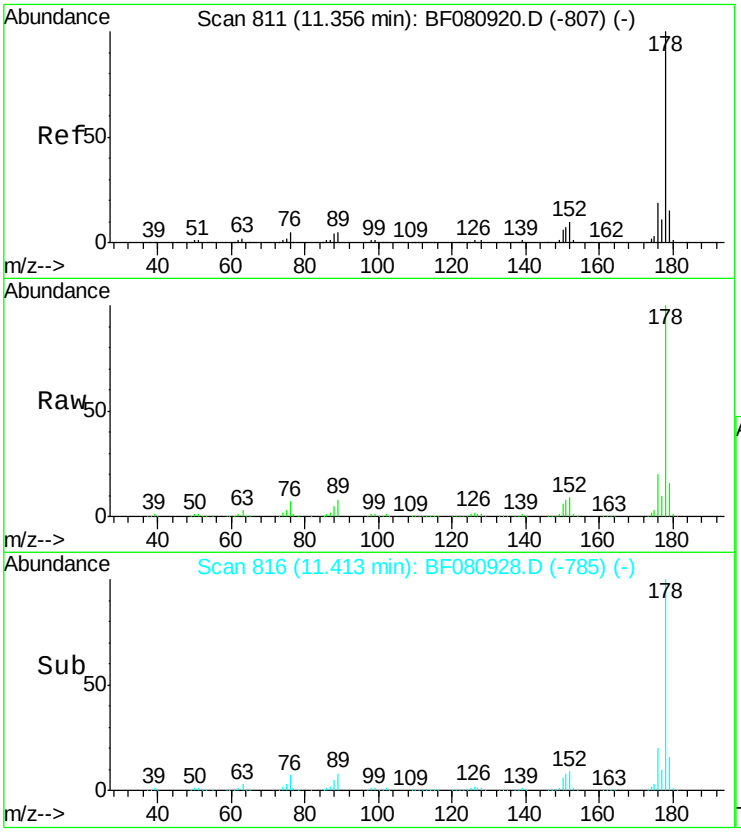


#65
n-Nitrosodiphenylamine
Concen: 61.44 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:169 Resp: 420996

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.7	80.5
167	36.8	29.3	43.9

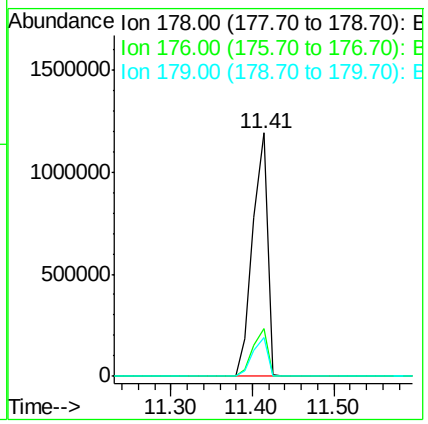




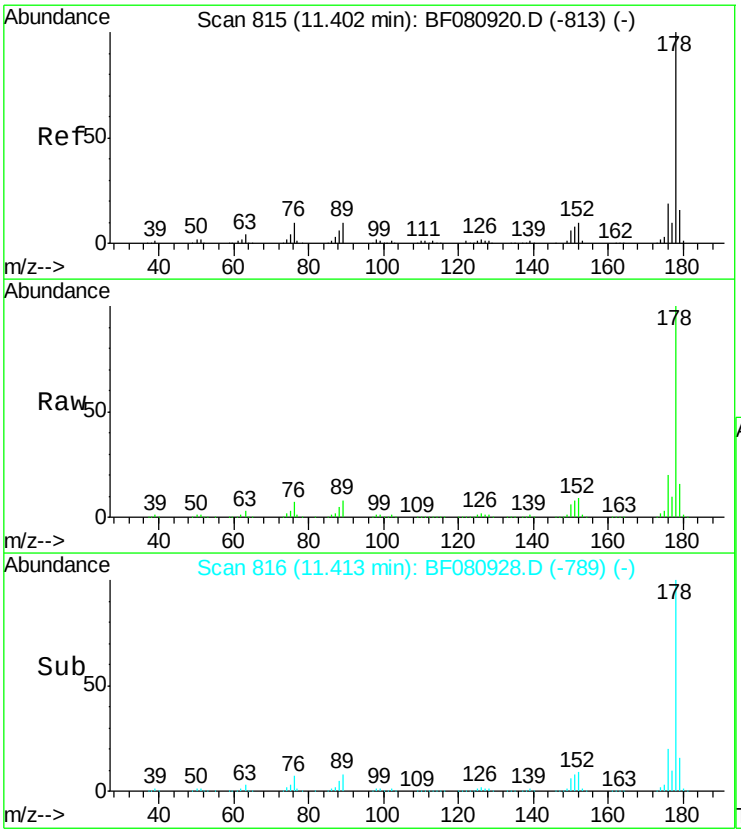
#70
Phenanthrene
Concen: 133.58 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.06 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:178 Resp: 1491803

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.7	11.9	17.9



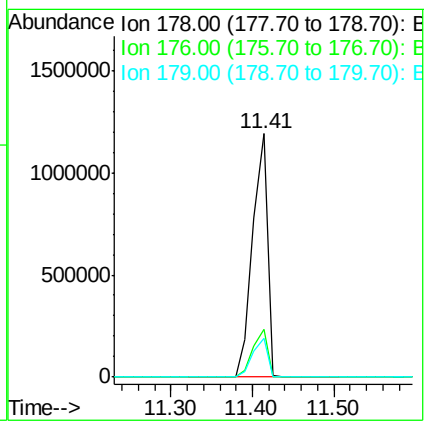
Instrument :
BNA_F
ClientSampleId :

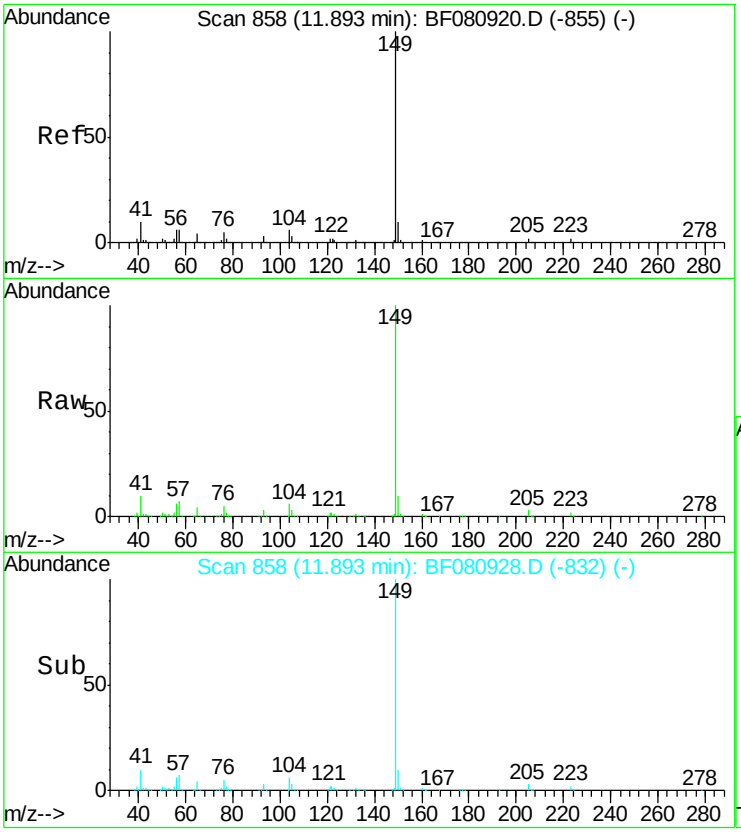


#71
Anthracene
Concen: 134.93 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:178 Resp: 1491803

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.7	12.6	18.8



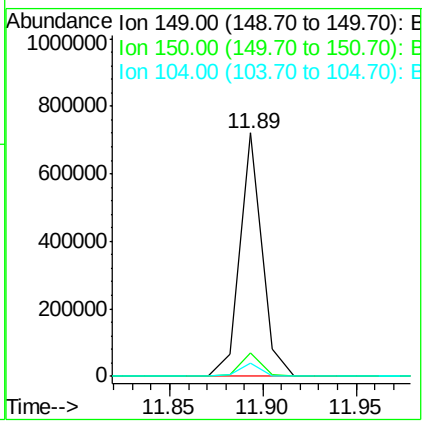


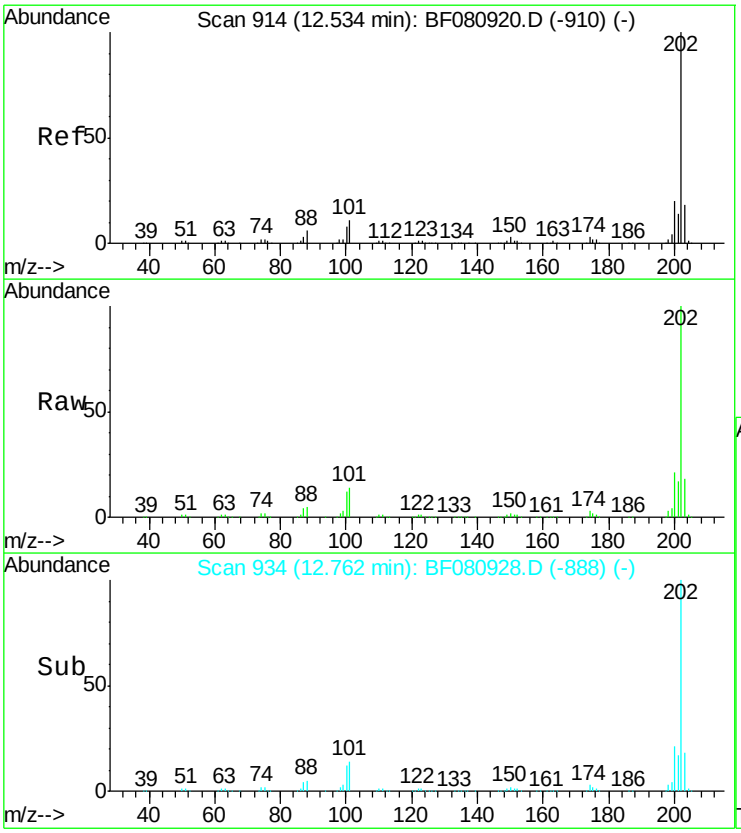
#73
Di-n-butylphthalate
Concen: 44.39 ng
RT: 11.89 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 597469

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.6	4.4	6.6

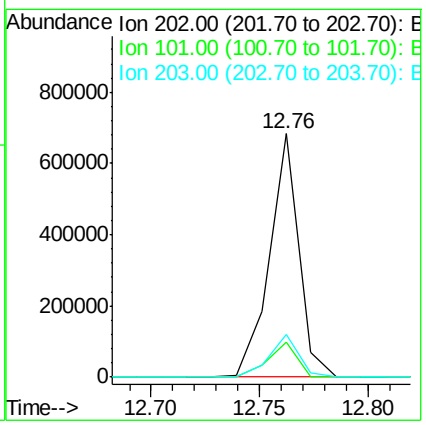


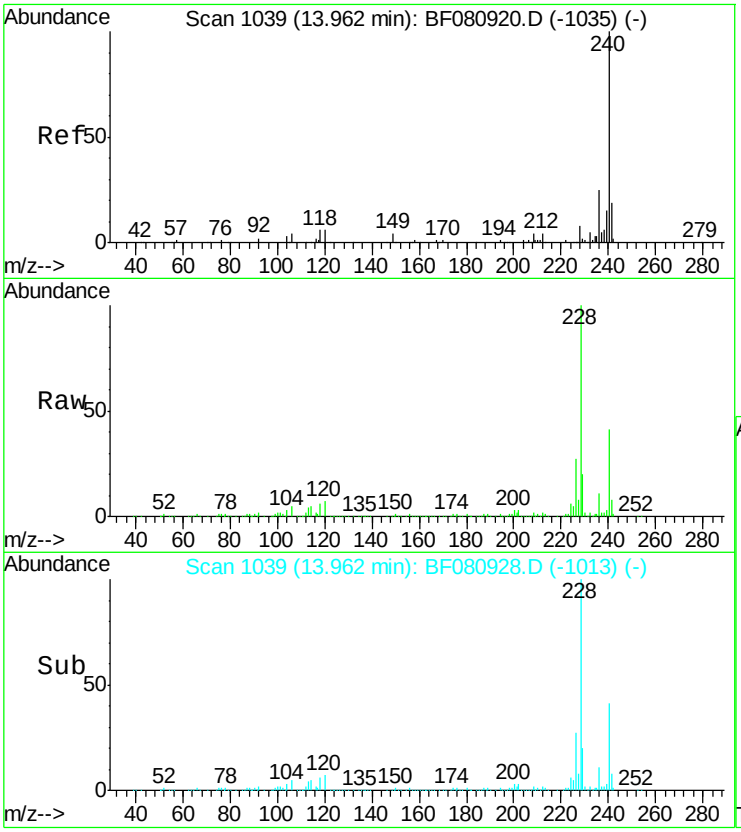


#74
Fluoranthene
Concen: 53.65 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.23 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:202 Resp: 647676

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	30.5
203	17.7	0.0	37.7



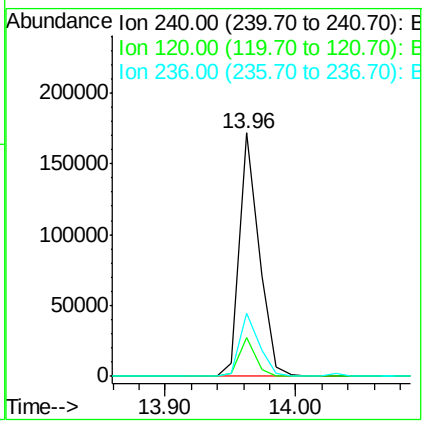


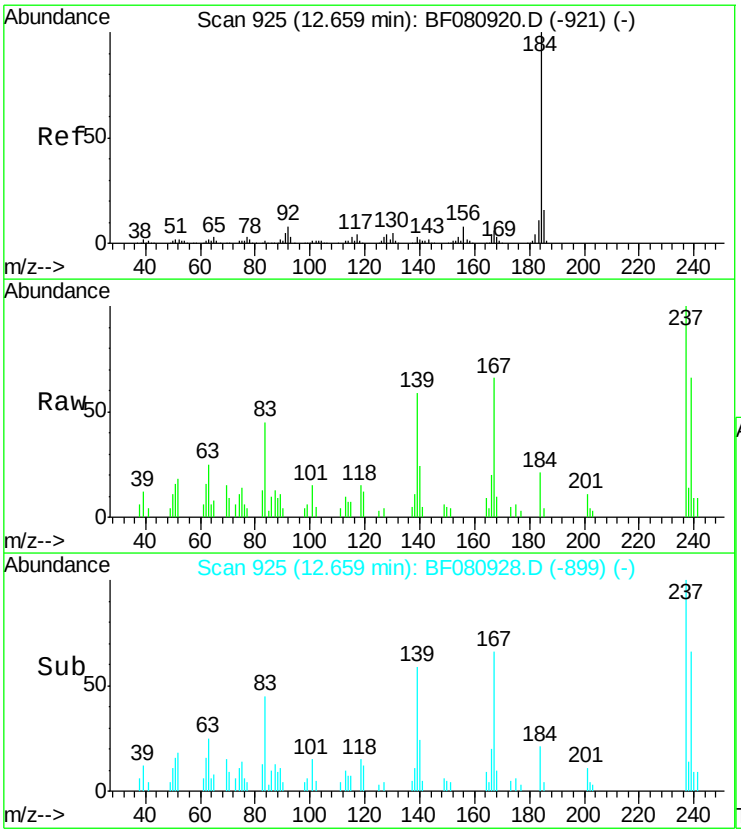
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 178837

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.2	7.8#
236	25.7	20.2	30.4

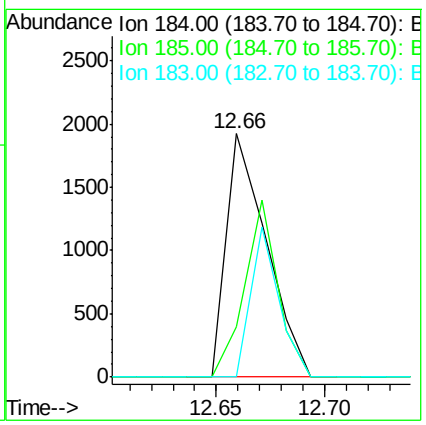


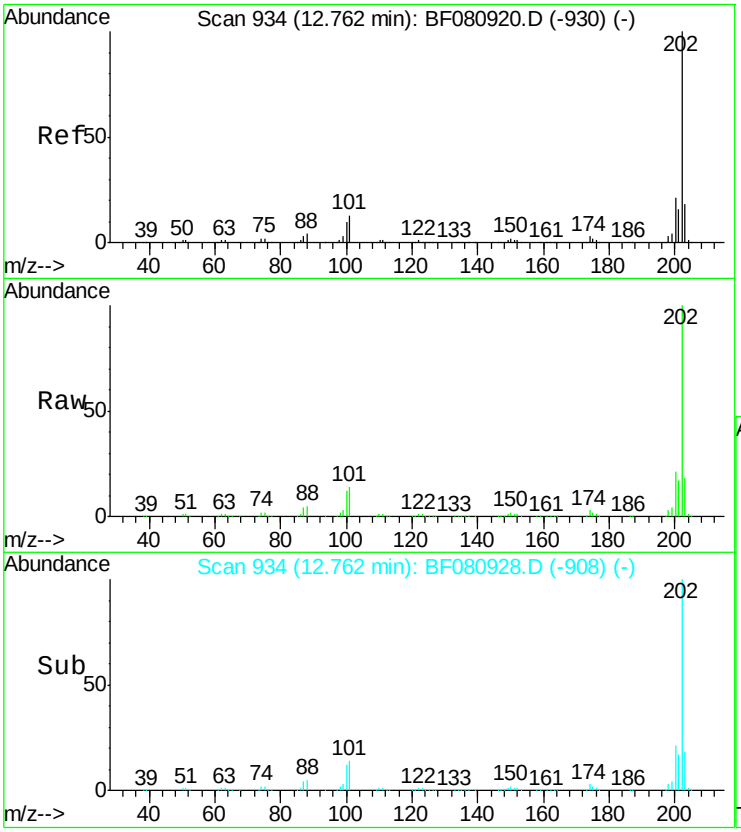


#76
Benzidine
Concen: 2.48 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:184 Resp: 2473

Ion	Ratio	Lower	Upper
184	100		
185	20.5	13.0	19.4#
183	0.0	8.7	13.1#

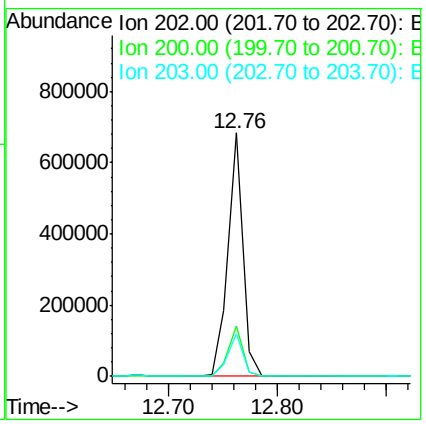




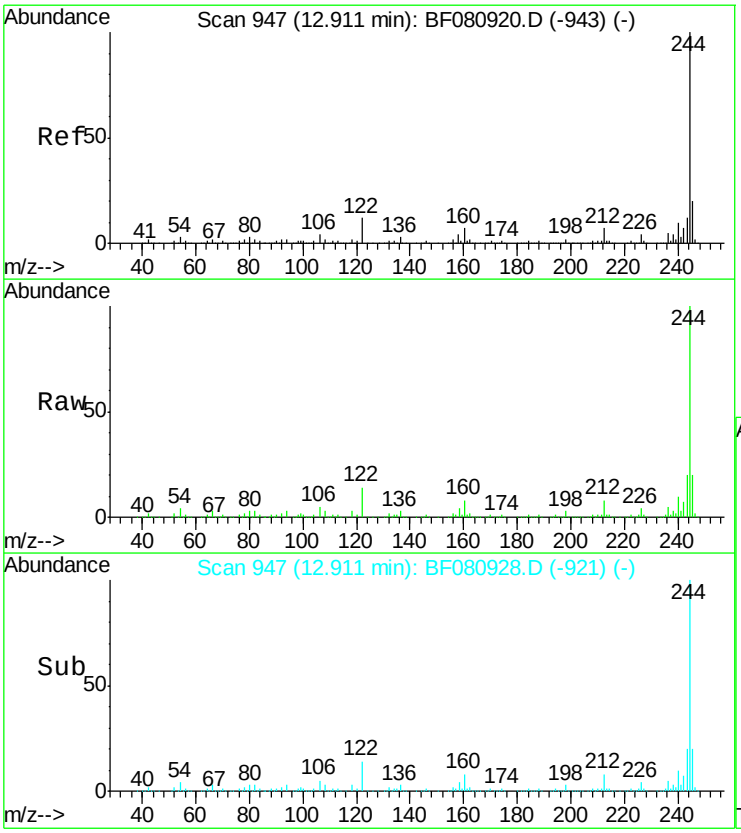
#77
Pyrene
Concen: 49.16 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:202 Resp: 649455

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.7	14.2	21.2



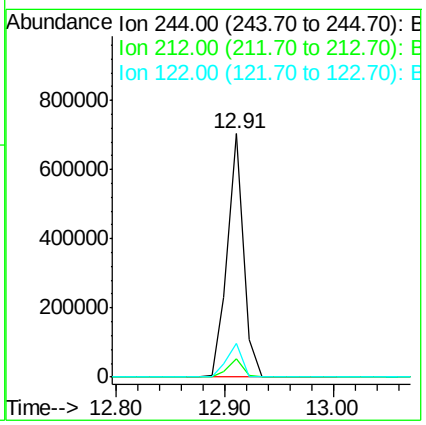
Instrument :
BNA_F
ClientSampleId :

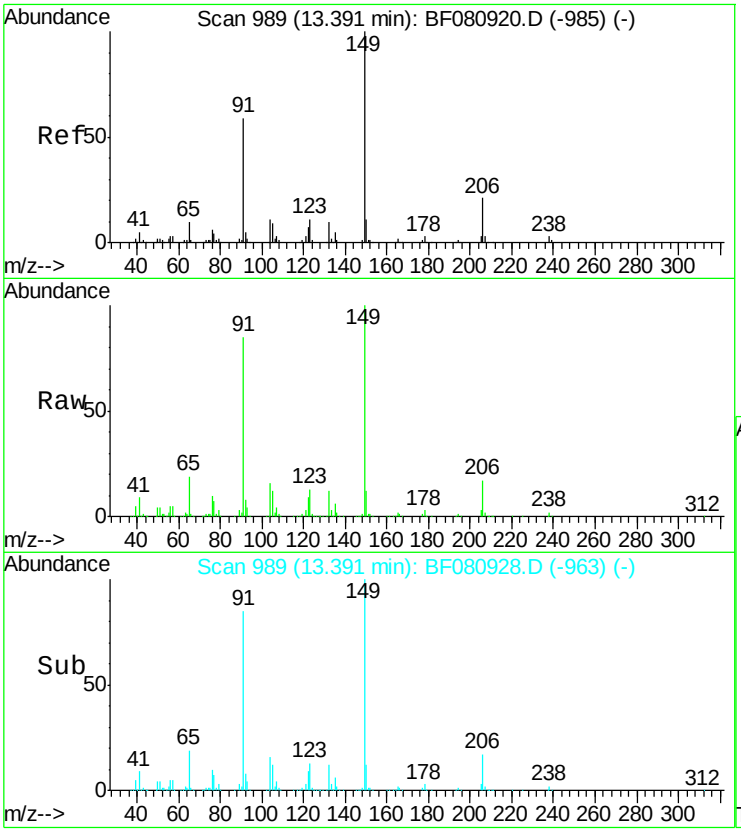


#78
Terphenyl-d14
Concen: 83.26 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:244 Resp: 720853

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	13.8	9.4	14.2



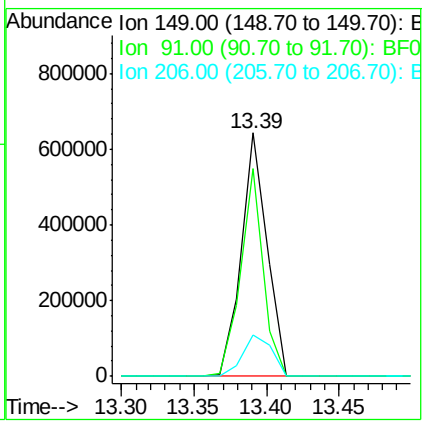


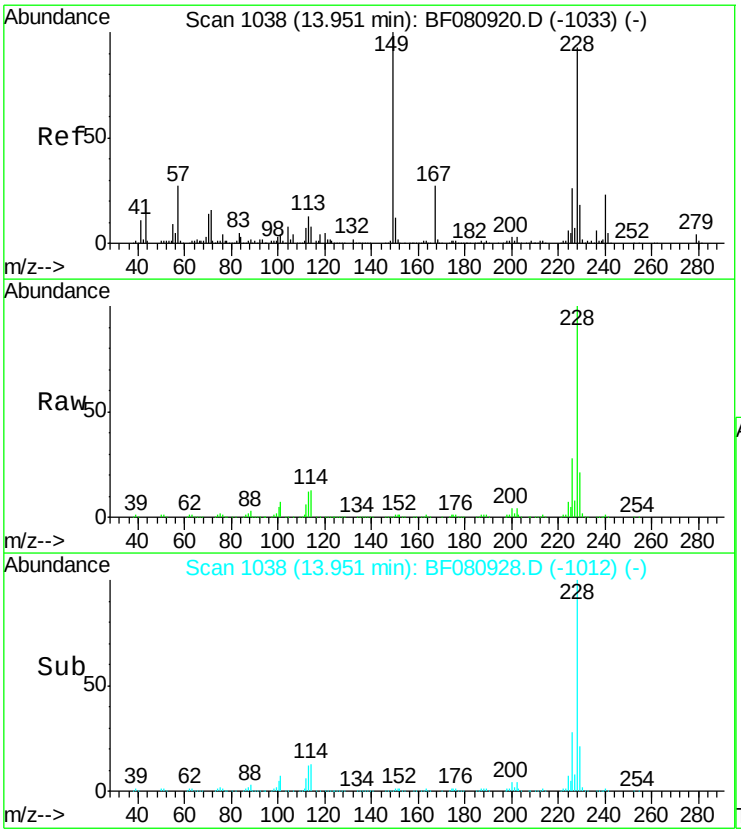
#79
Butylbenzylphthalate
Concen: 123.74 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 788097

Ion	Ratio	Lower	Upper
149	100		
91	85.2	47.2	70.8#
206	16.8	16.5	24.7

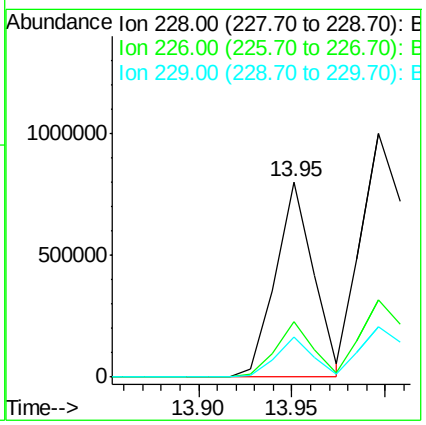


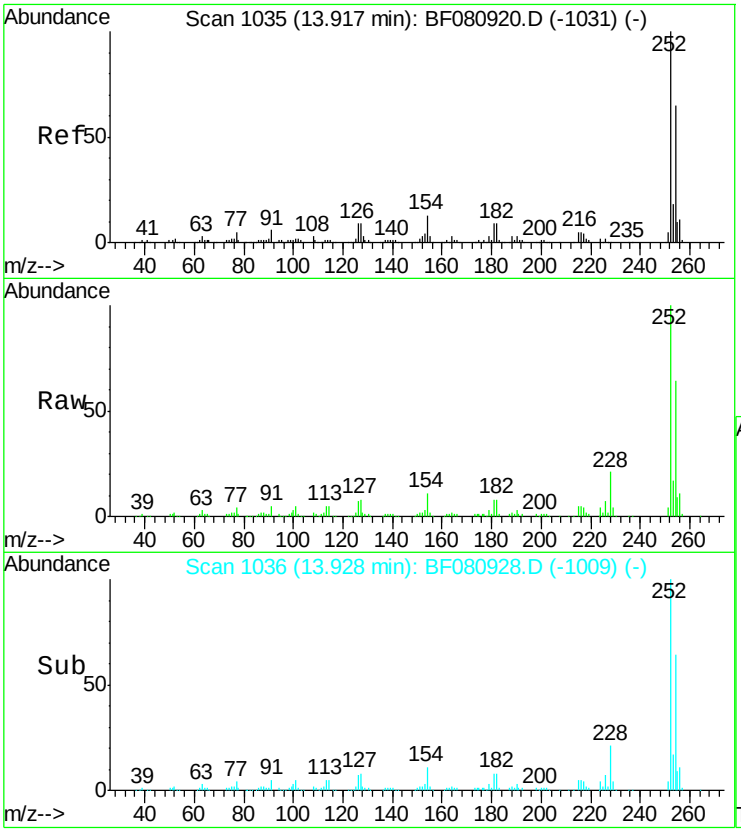


#80
Benzo(a)anthracene
Concen: 100.85 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:228 Resp: 1139258

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.6	15.8	23.6



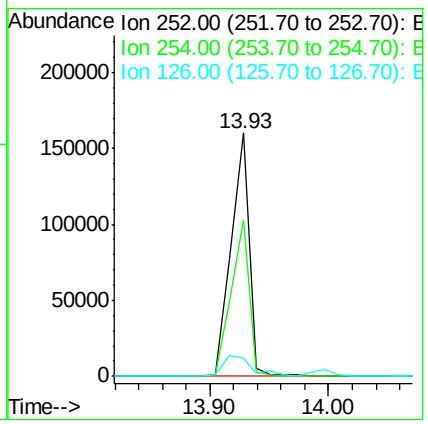


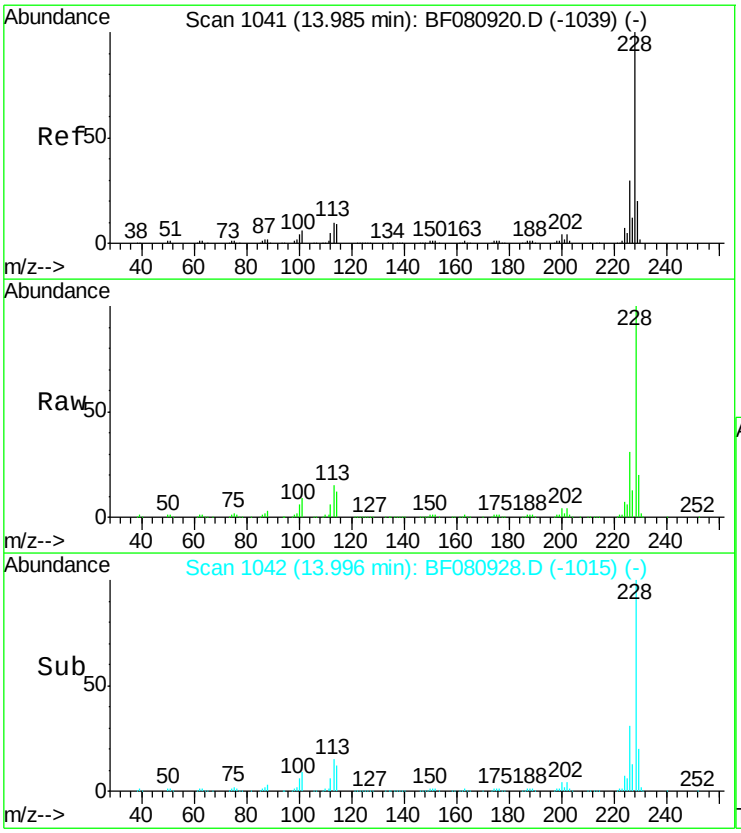
#81
3,3'-Dichlorobenzidine
Concen: 41.43 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 170229

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	7.4	7.1	10.7

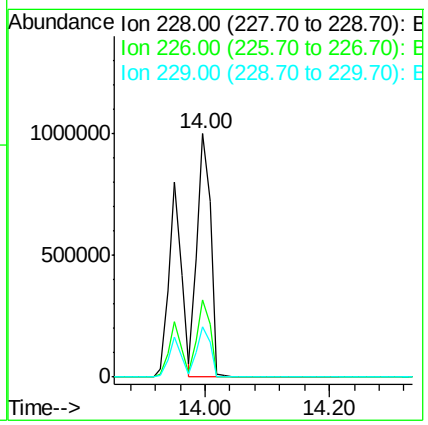


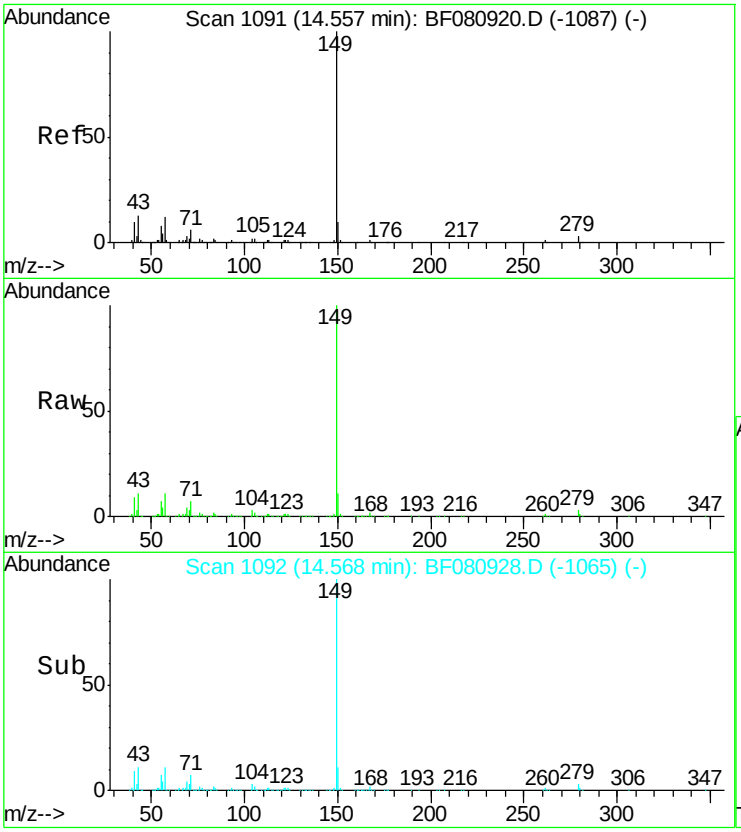


#82
Chrysene
Concen: 141.97 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:228 Resp: 1535675

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.9	35.9
229	20.5	15.8	23.6



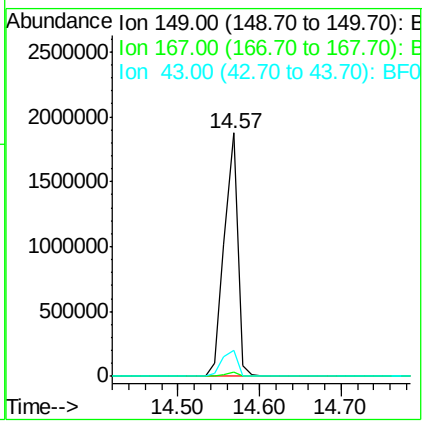


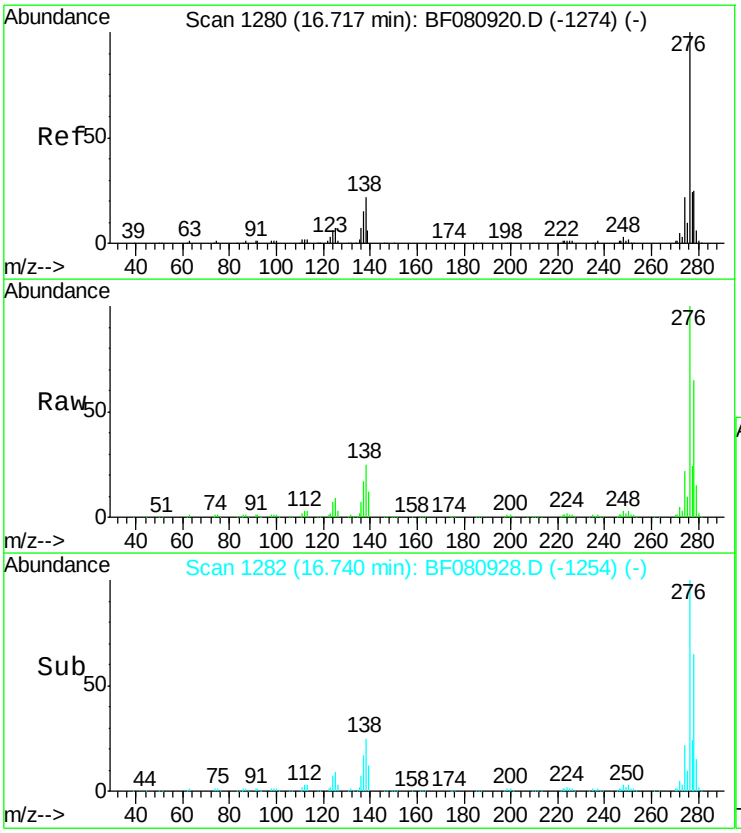
#84
Di-n-octyl phthalate
Concen: 141.86 ng
RT: 14.57 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2131511

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.7	11.0	16.4

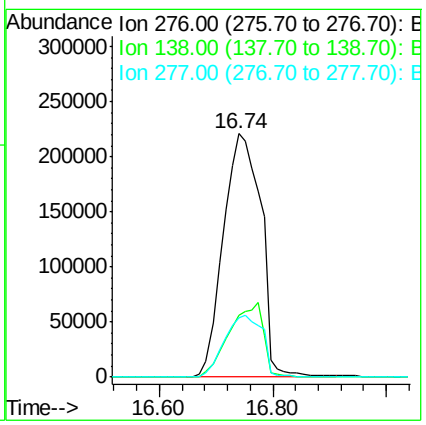


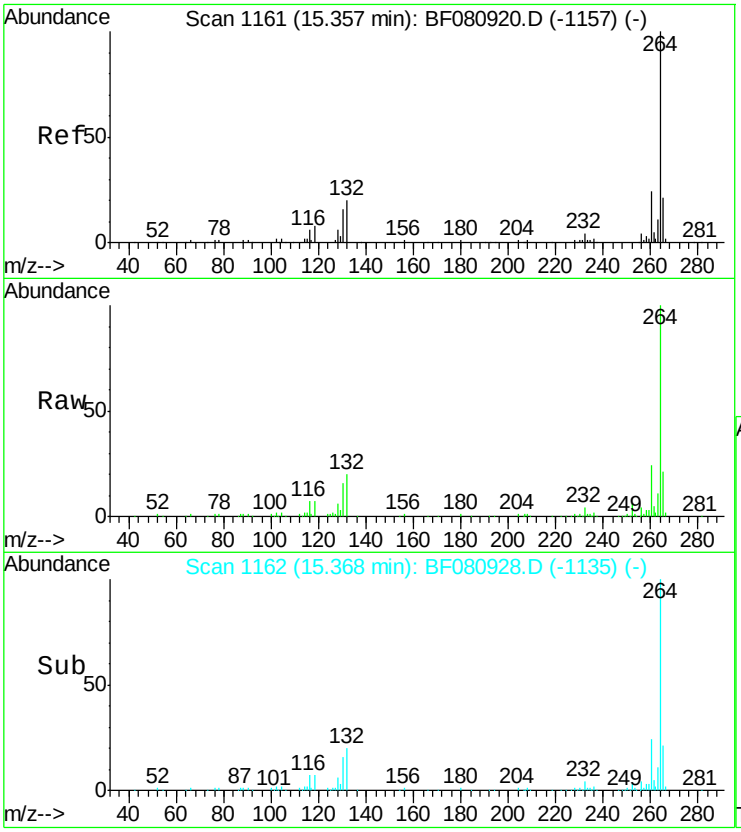


#85
Indeno(1,2,3-cd)pyrene
Concen: 100.00 ng
RT: 16.74 min Scan# 1282
Delta R.T. 0.02 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:276 Resp: 1029347

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.9	29.9#
277	25.9	19.7	29.5



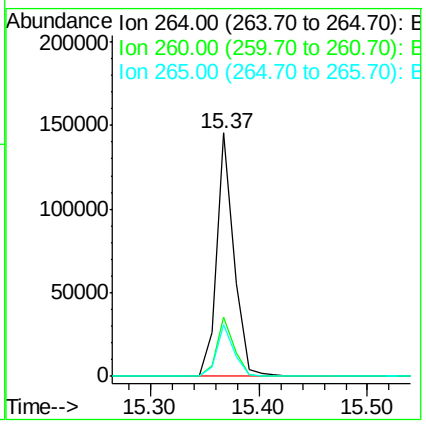


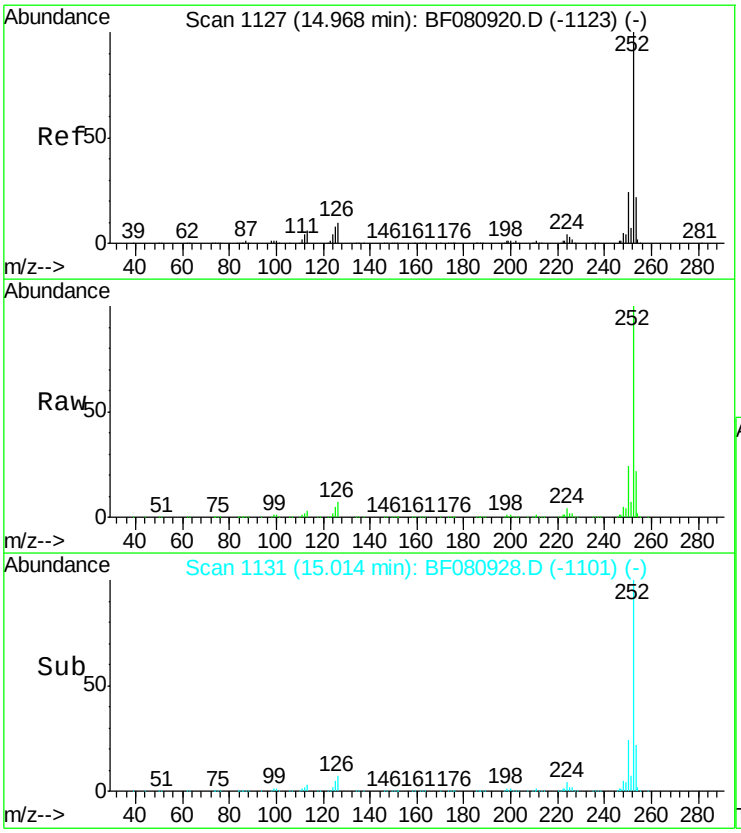
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 161081

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.4	17.0	25.4

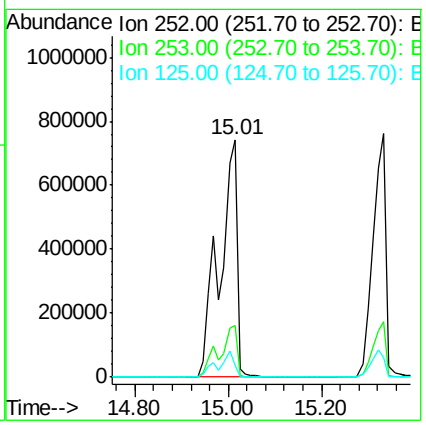


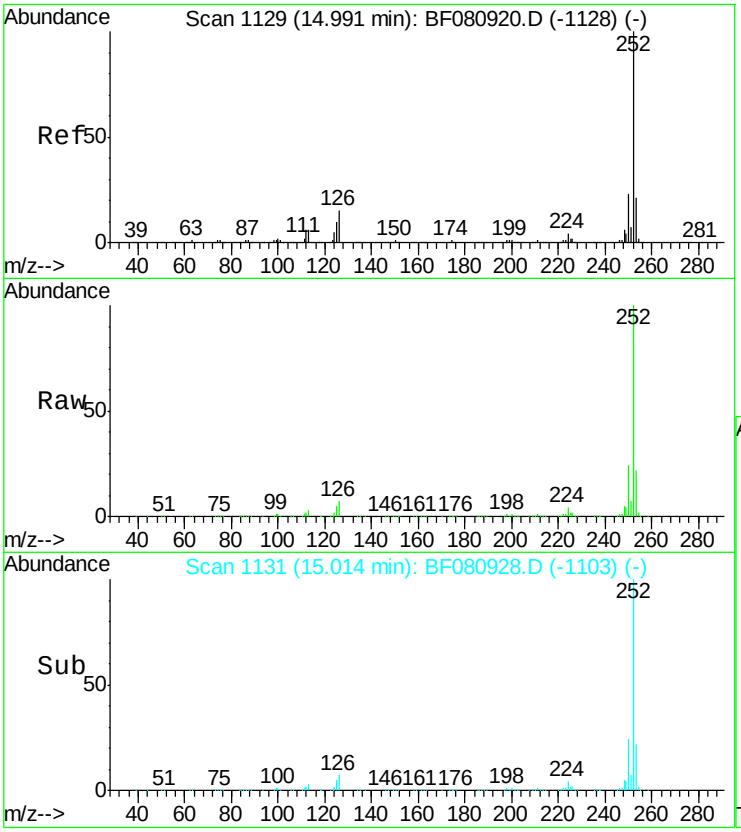


#87
Benzo(b)fluoranthene
Concen: 172.54 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.05 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:252 Resp: 1932588

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	4.8	6.1	9.1#



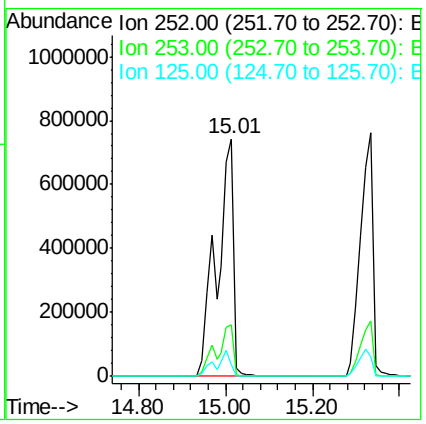


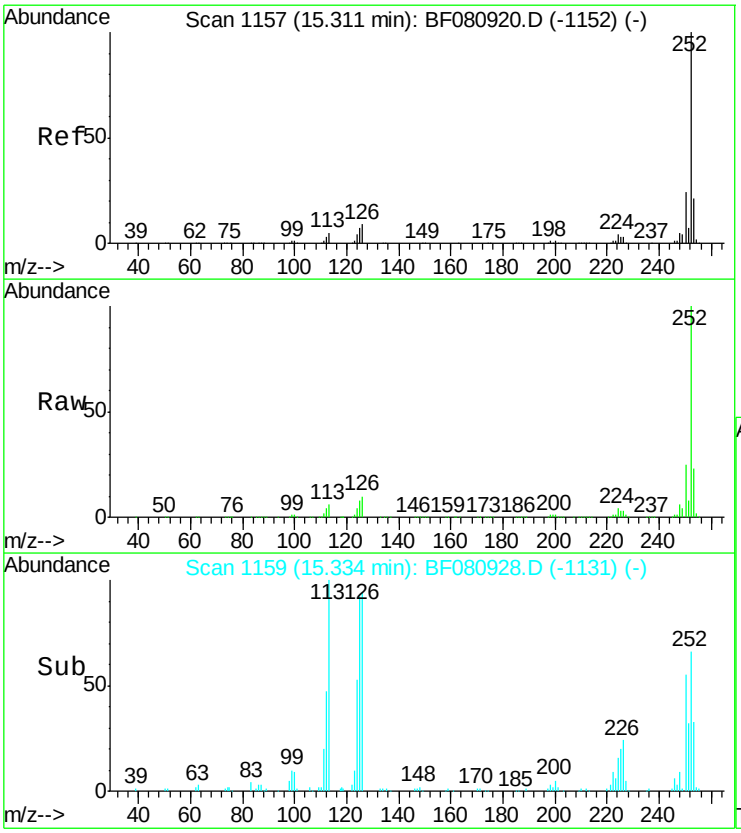
#88
Benzo(k)fluoranthene
Concen: 197.31 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.02 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1933416

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	4.8	9.0	13.6#

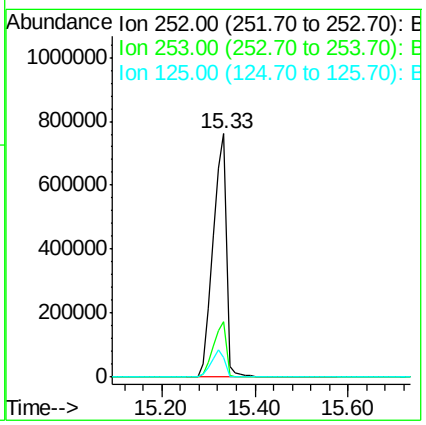


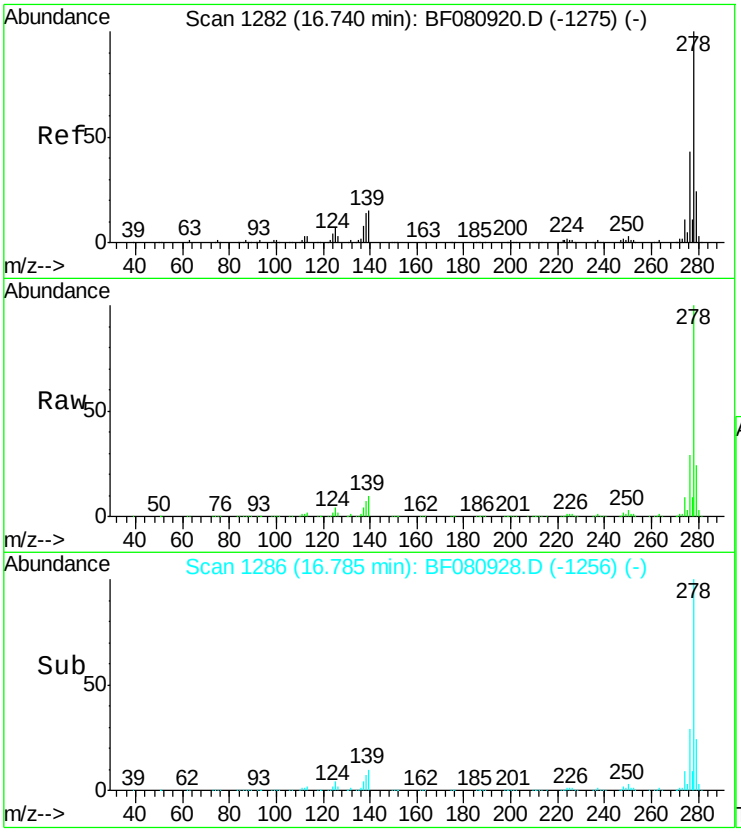


#89
Benzo(a)pyrene
Concen: 155.22 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.02 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:252 Resp: 1494275

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.9	25.3
125	8.1	5.8	8.8



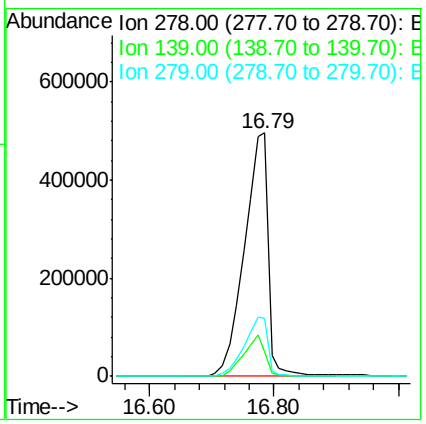


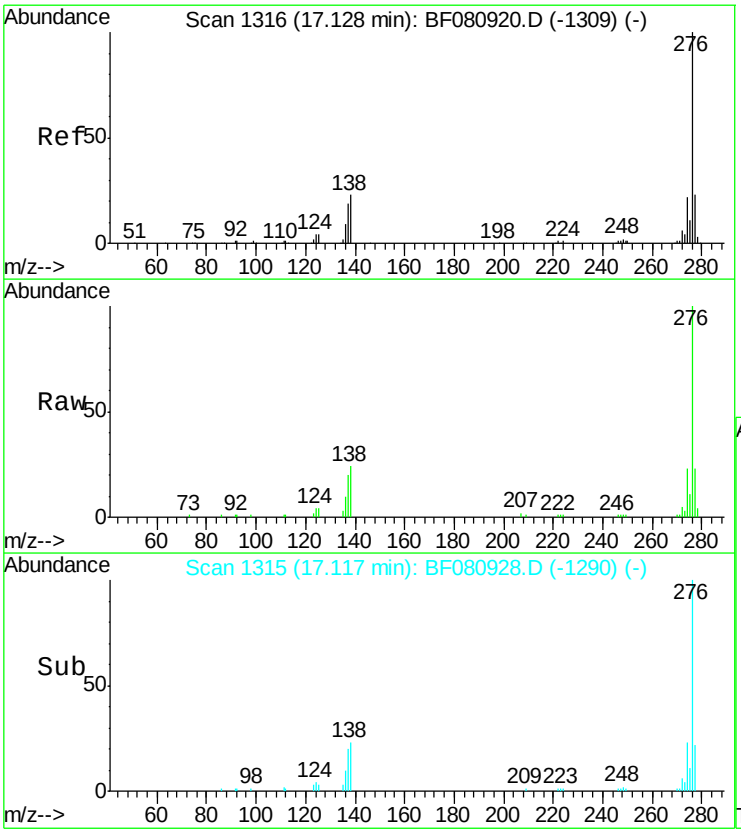
#90
Dibenzo(a,h)anthracene
Concen: 156.91 ng
RT: 16.79 min Scan# 1286
Delta R.T. 0.05 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 1336081

Ion	Ratio	Lower	Upper
278	100		
139	10.2	11.9	17.9#
279	23.8	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 14.24 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF080928.D
Acq: 7 Aug 2015 15:50

Tgt Ion:276 Resp: 117944

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	28.0
138	23.9	18.4	27.6