Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080931.D
Acq On : 7 Aug 2015 17:23
Operator : TP/UM
Sample : G3083-14DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 08 01:59:49 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	75783	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	290764	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	159431	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	316124	20.00	ng		0.00
75) Chrysene-d12	13.95	240	260803	20.00	ng		-0.01
86) Perylene-d12	15.36	264	226886	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	7.37	82	73978	12.03	ng		-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.17	172	127001	11.21	ng		0.00
78) Terphenyl-d14	12.90	244	181917	14.41	ng		-0.01
Target Compounds							Qvalue
12) 1,3-Dichlorobenzene	6.98	146	21576	3.79	ng		99
13) 1,4-Dichlorobenzene	6.98	146	21577	3.65	ng		98
14) 1,2-Dichlorobenzene	6.98	146	21577	4.03	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	45772	4.04	ng		97
18) Hexachloroethane	7.32	117	18717	8.25	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	21448	4.62	ng	#	90
24) Nitrobenzene	7.39	77	100272	15.84	ng	#	81
25) Isophorone	7.63	82	66853	5.66	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	145941	20.56	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	70306	15.70	ng		93
31) Naphthalene	8.11	128	160766	10.03	ng		99
33) 4-Chloroaniline	8.11	127	20691	3.18	ng	#	31
34) Hexachlorobutadiene	8.24	225	17738	6.66	ng		98
40) Hexachlorocyclopentadiene	8.96	237	23012	8.58	ng		98
48) Acenaphthylene	9.70	152	313329	16.89	ng		99
49) Dimethylphthalate	9.56	163	178999	13.52	ng		100
50) 2,6-Dinitrotoluene	9.63	165	23697	8.66	ng	#	63
51) Acenaphthene	9.88	154	175690	15.47	ng		99
54) Dibenzofuran	10.04	168	148197	9.65	ng		96
55) 4-Nitrophenol	10.04	139	55857	22.12	ng	#	15
56) 2,4-Dinitrotoluene	9.85	165	20158	5.51	ng	#	8
57) Fluorene	10.38	166	97384	8.20	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	113608	19.62	ng		93
65) n-Nitrosodiphenylamine	10.50	169	105005	9.56	ng		99
70) Phenanthrene	11.40	178	351714	19.65	ng		99
71) Anthracene	11.40	178	351714	19.85	ng		98
73) Di-n-butylphthalate	11.89	149	141178	6.54	ng	#	97
74) Fluoranthene	12.75	202	152072	7.86	ng		94
77) Pyrene	12.75	202	152284	7.90	ng		99
79) Butylbenzylphthalate	13.38	149	187203	20.16	ng	#	62
80) Benzo(a)anthracene	13.94	228	259181	15.73	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	29103	4.86	ng	#	96
82) Chrysene	13.99	228	396656	25.15	ng		99
84) Di-n-octyl phthalate	14.56	149	536281	24.48	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080931.D
Acq On : 7 Aug 2015 17:23
Operator : TP/UM
Sample : G3083-14DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 08 01:59:49 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)
85) Indeno(1,2,3-cd)pyrene	16.71	276	208654	13.90	ng		95
87) Benzo(b)fluoranthene	14.98	252	402172	25.49	ng	#	96
88) Benzo(k)fluoranthene	14.98	252	402172	29.14	ng		99
89) Benzo(a)pyrene	15.30	252	314699	23.21	ng	#	96
90) Dibenzo(a,h)anthracene	16.73	278	277543	23.14	ng		98

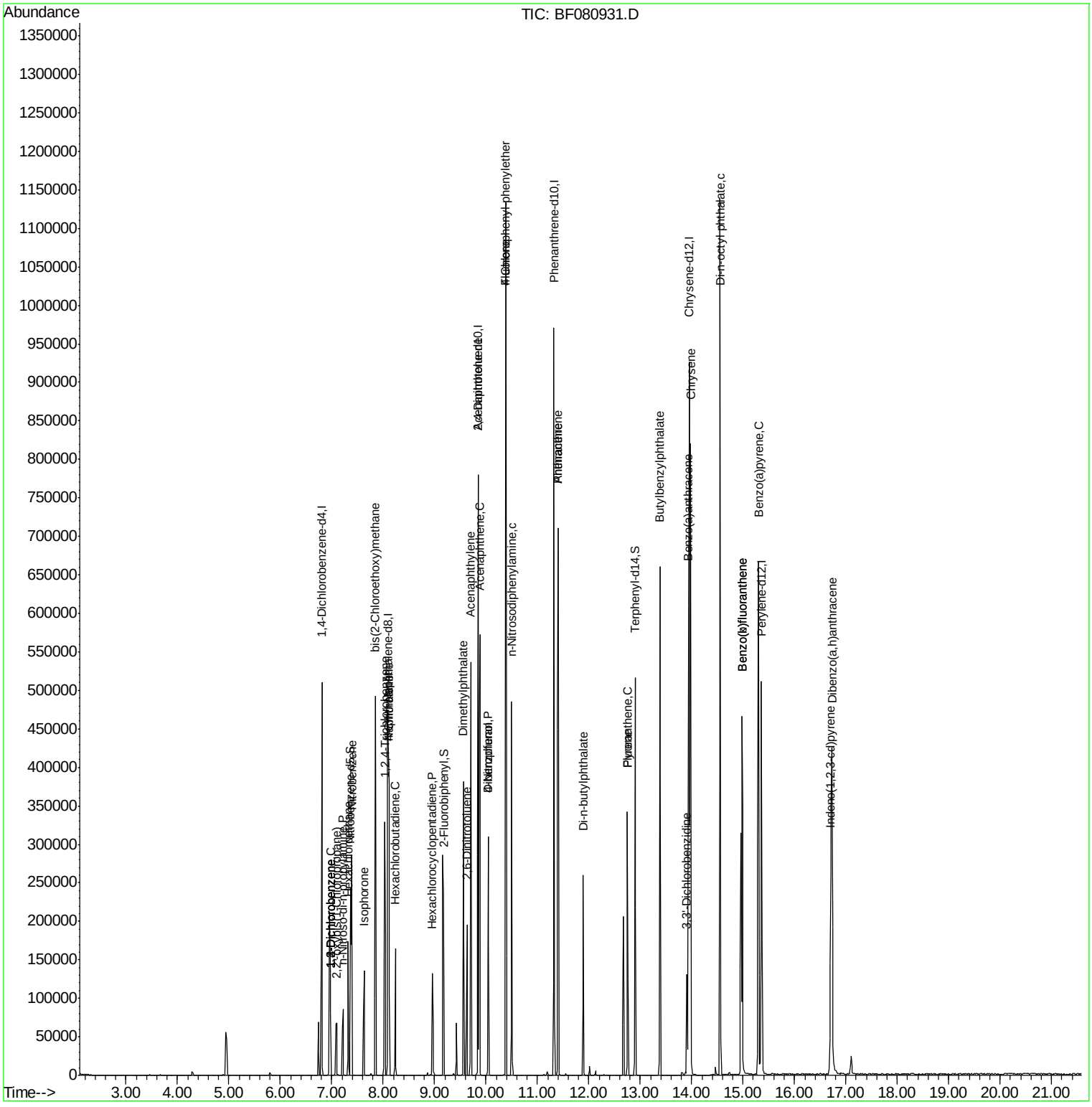
(#) = qualifier out of range (m) = manual integration (+) = signals summed

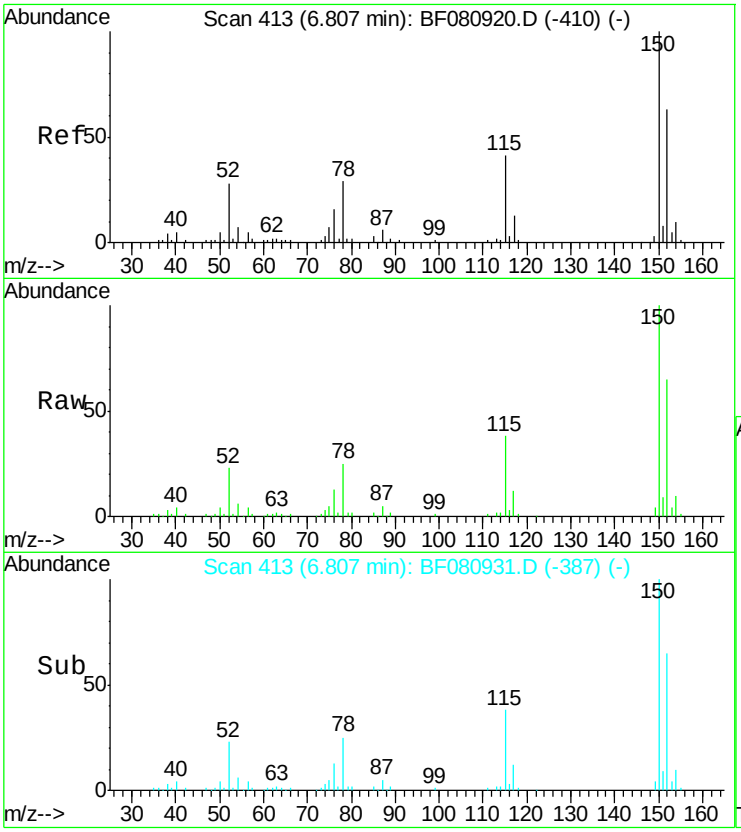
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080931.D
Acq On : 7 Aug 2015 17:23
Operator : TP/UM
Sample : G3083-14DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 08 01:59:49 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

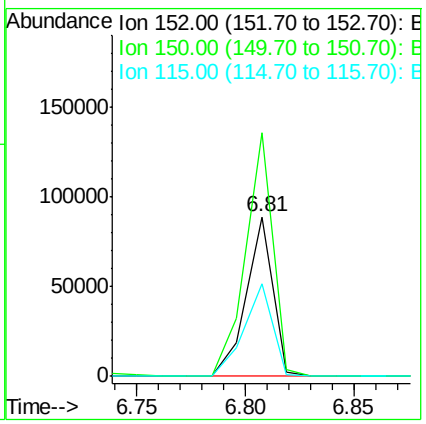




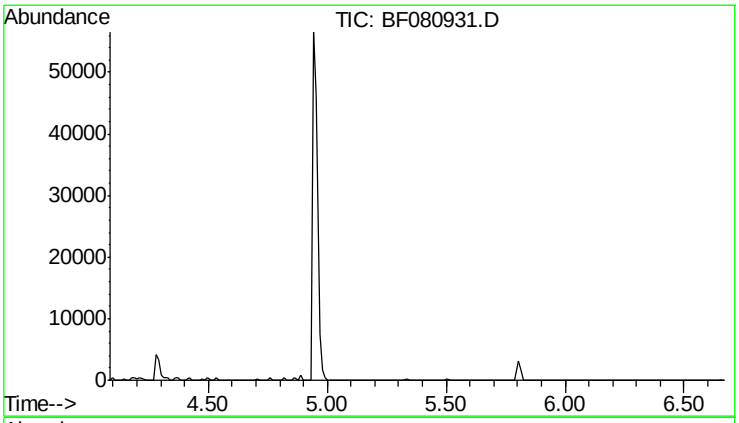
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:152 Resp: 75783

Ion	Ratio	Lower	Upper
152	100		
150	152.8	127.4	191.2
115	58.1	52.6	78.8



Instrument :
BNA_F
ClientSampleId :

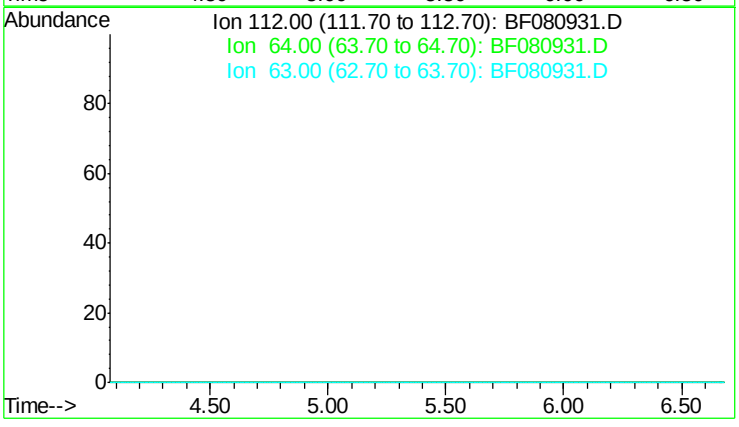


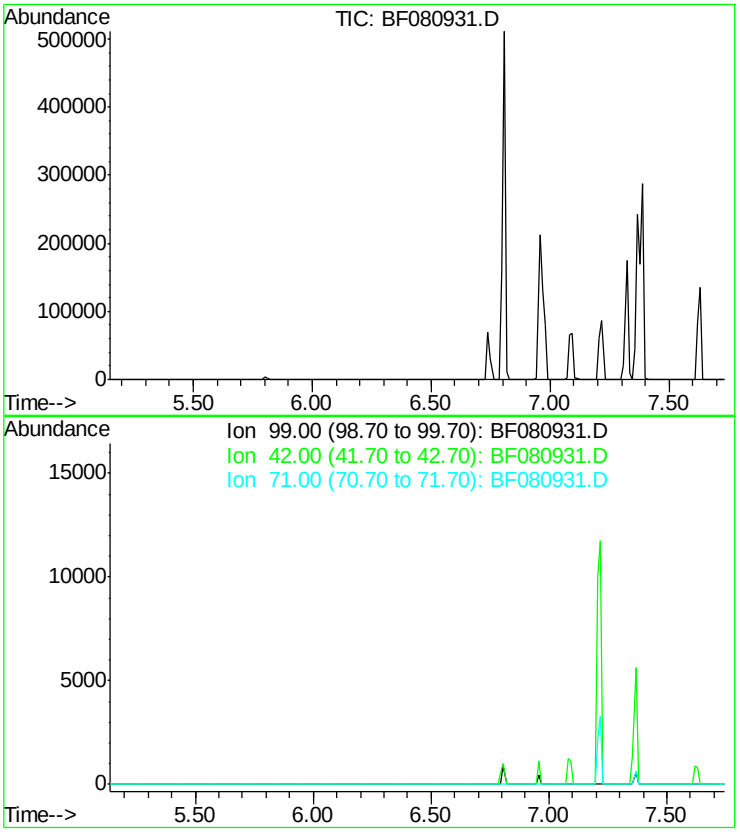
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.38 min

Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	82.6
63	43.3





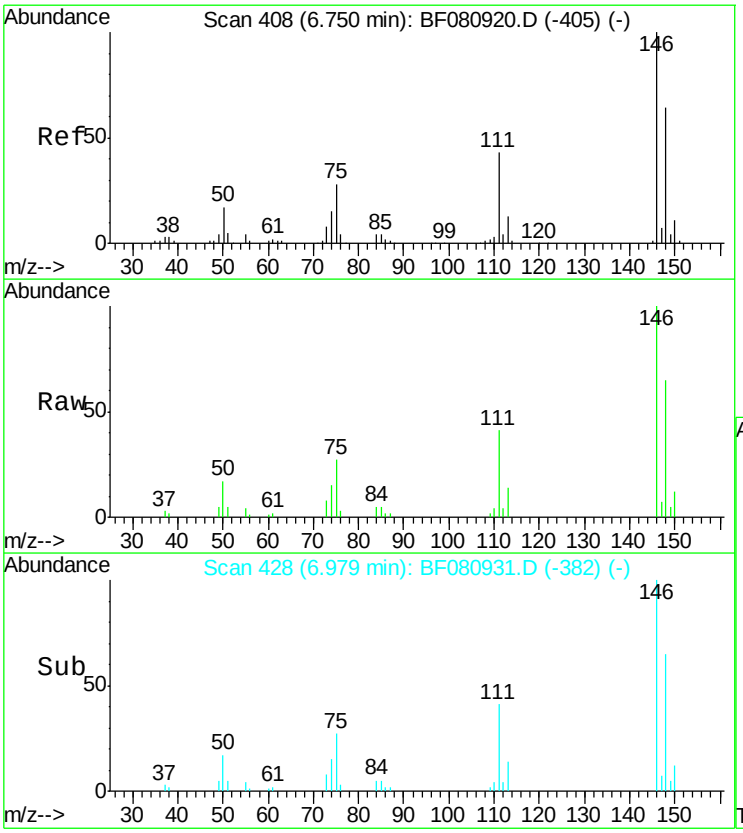
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.44 min

Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.0
71	32.3

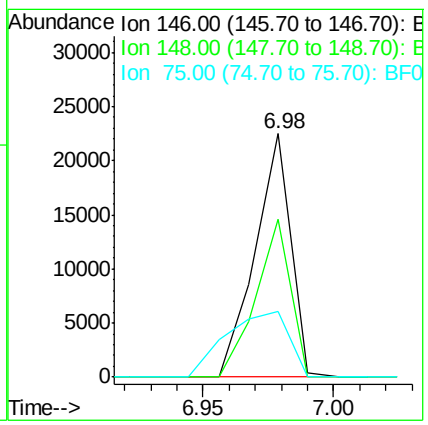
Instrument :
BNA_F
ClientSampleId :

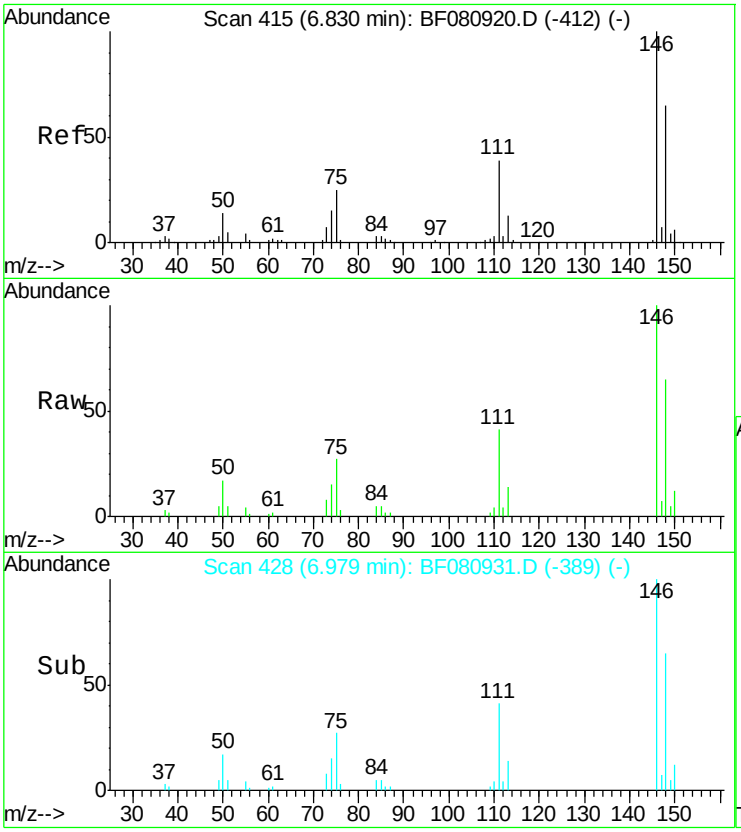


#12
1,3-Dichlorobenzene
Concen: 3.79 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.23 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:146 Resp: 21576

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
75	27.2	22.2	33.4



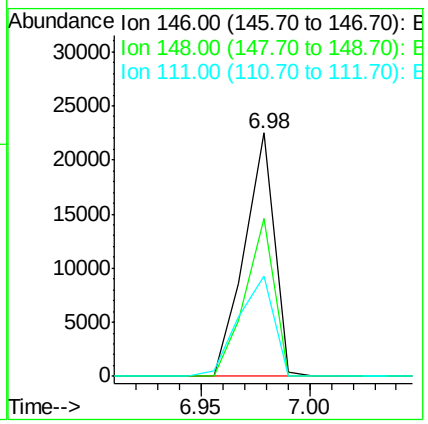


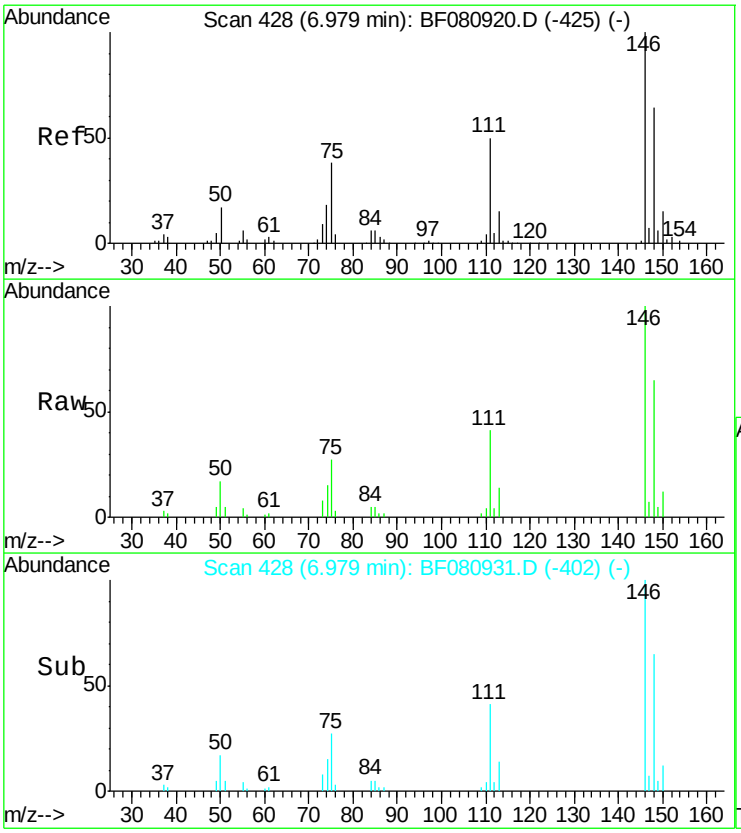
#13
1,4-Dichlorobenzene
Concen: 3.65 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.15 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 21577

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.4
111	41.2	31.5	47.3

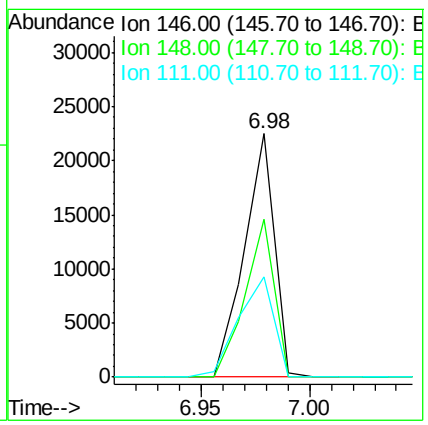


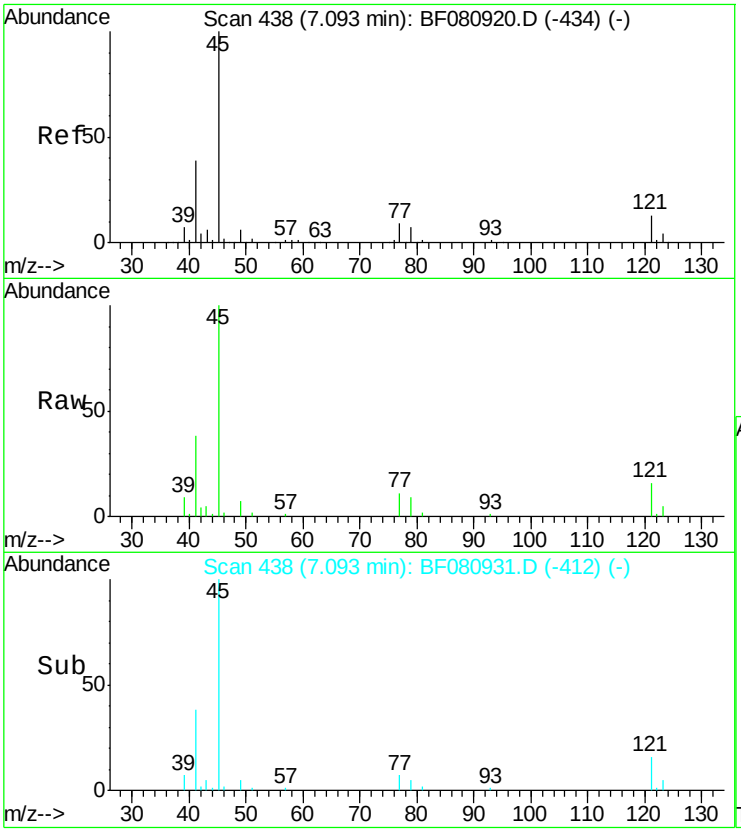


#14
1,2-Dichlorobenzene
Concen: 4.03 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:146 Resp: 21577

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	41.2	40.0	60.0



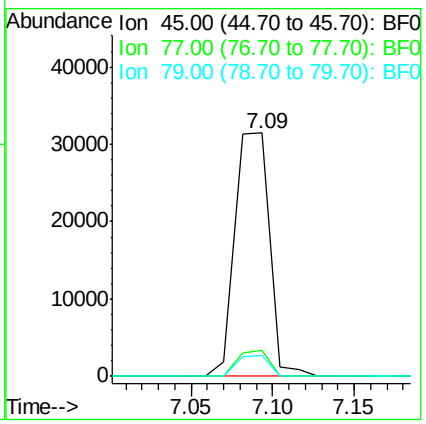


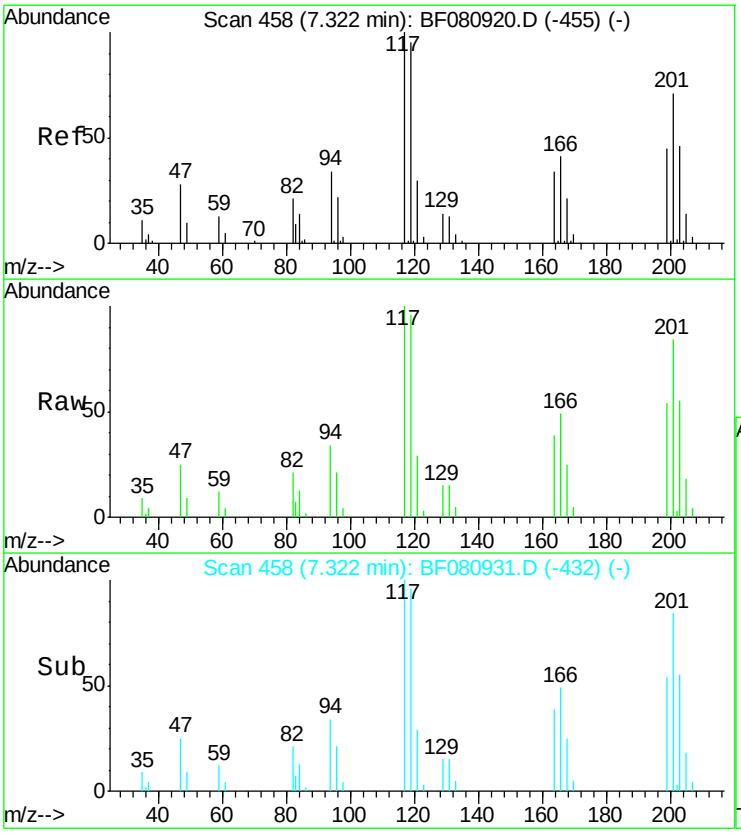
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.04 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 45772

Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	29.6
79	8.5	0.0	27.7

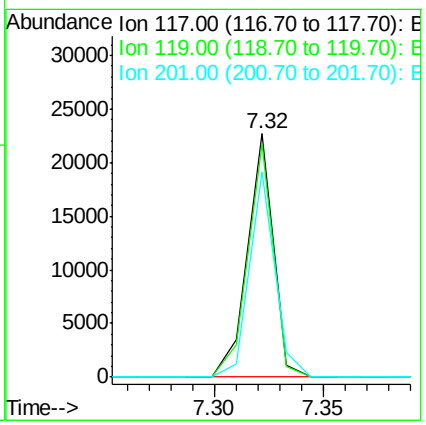


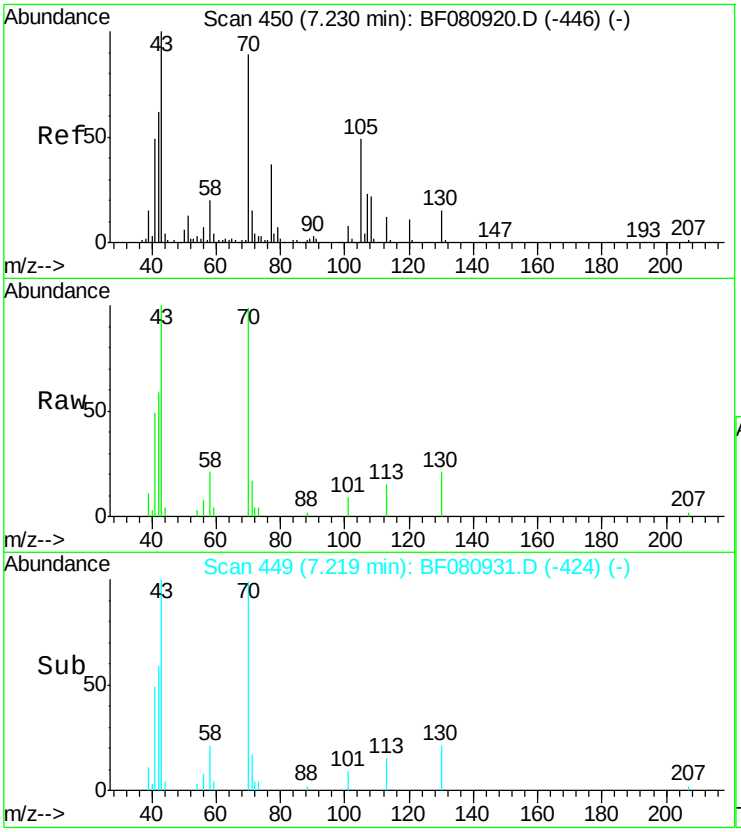


#18
Hexachloroethane
Concen: 8.25 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:117 Resp: 18717

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.3	114.5
201	84.4	57.0	85.6



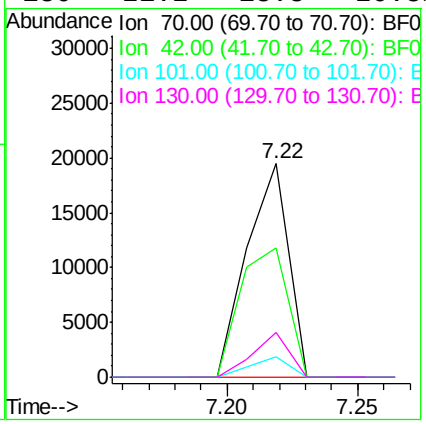


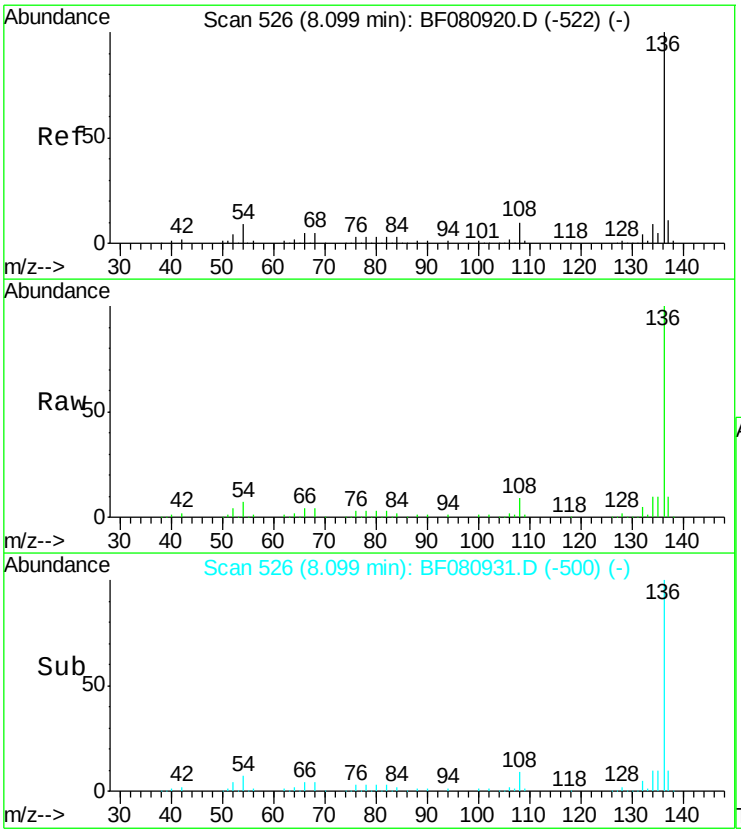
#19
n-Nitroso-di-n-propylamine
Concen: 4.62 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 21448

Ion	Ratio	Lower	Upper
70	100		
42	60.3	55.7	83.5
101	9.4	7.0	10.6
130	21.2	13.8	20.8#

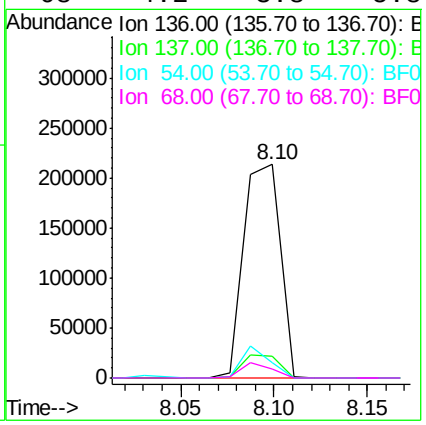


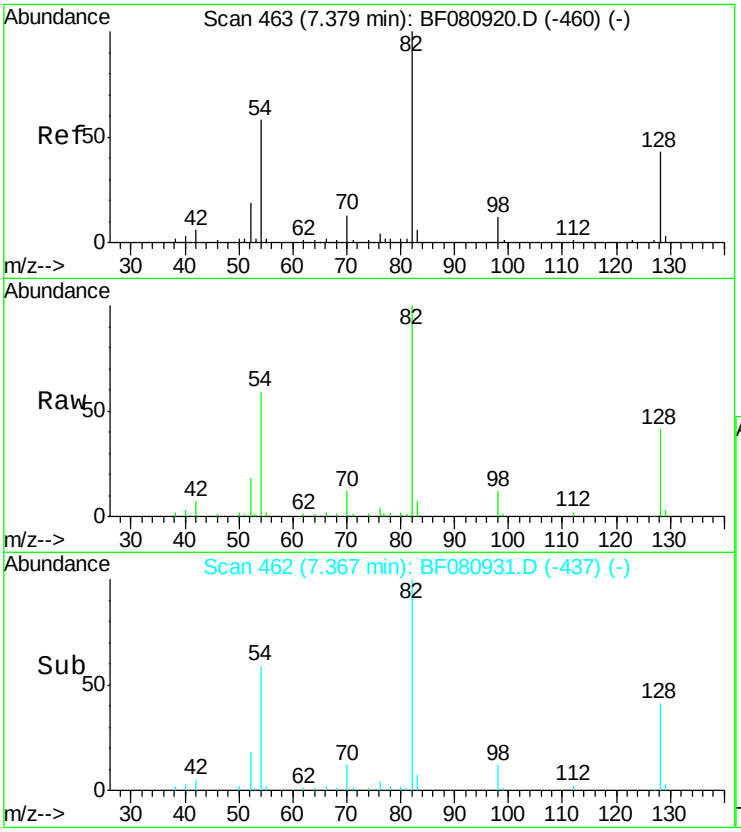


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:136 Resp: 290764

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	7.1	7.1	10.7#
68	4.2	3.8	5.8



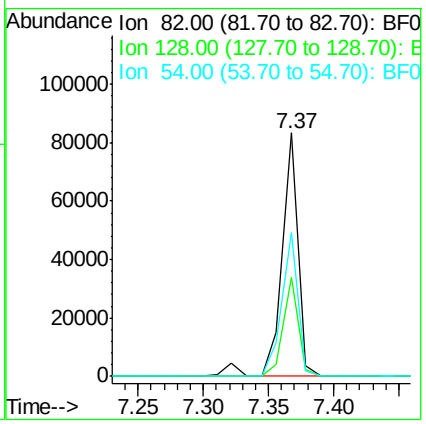


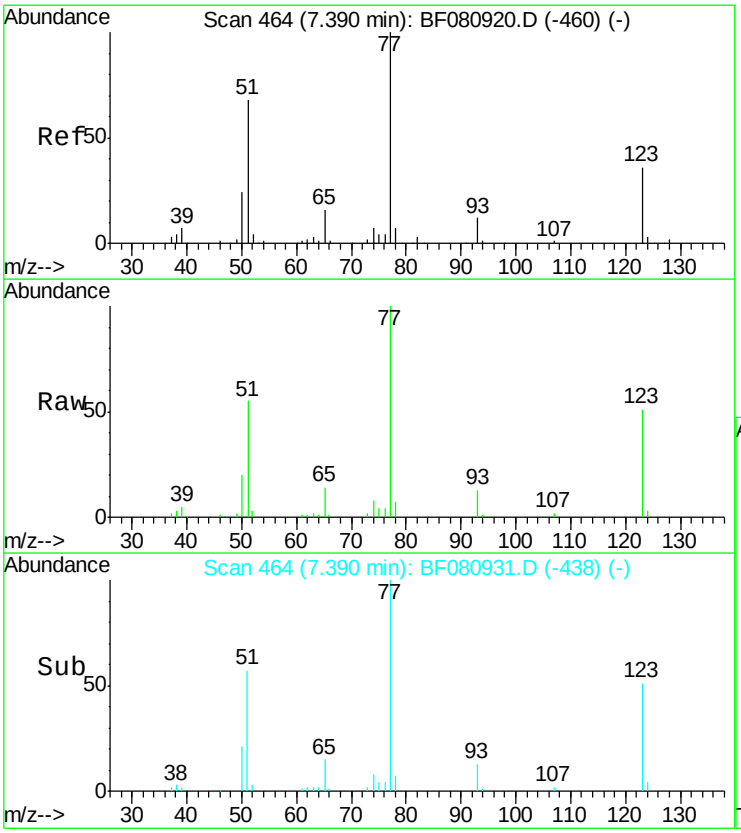
#23
Nitrobenzene-d5
Concen: 12.03 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 73978

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.1	51.1
54	59.1	46.5	69.7

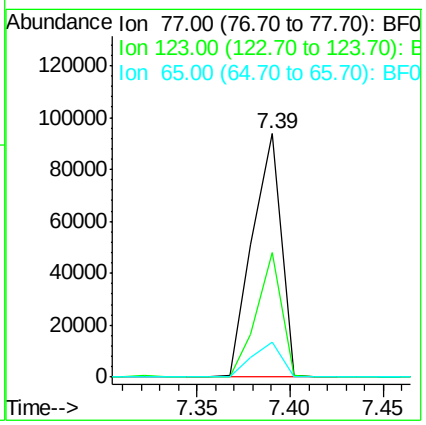


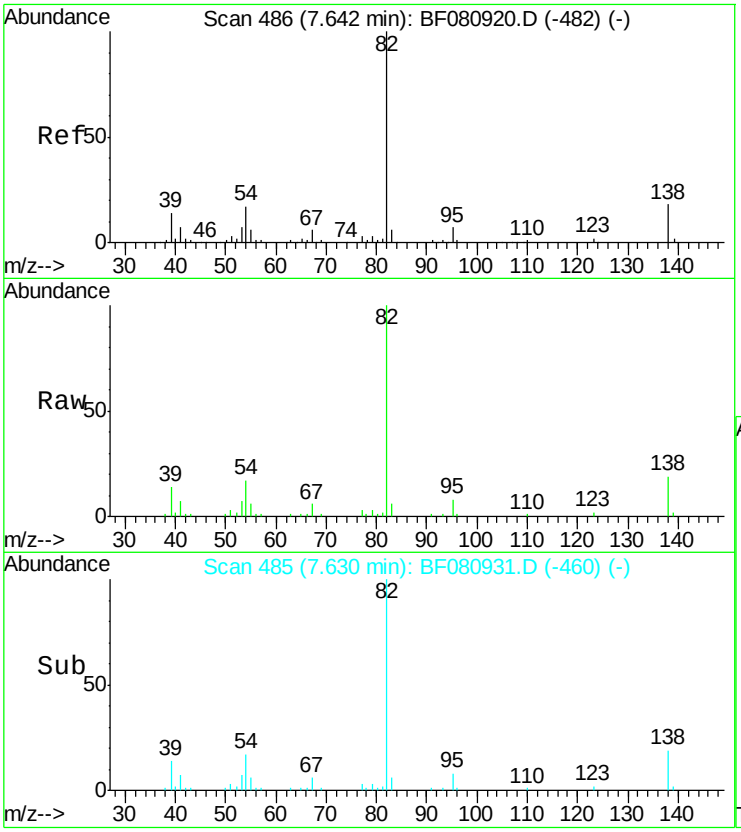


#24
Nitrobenzene
Concen: 15.84 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion: 77 Resp: 100272

Ion	Ratio	Lower	Upper
77	100		
123	51.0	28.7	43.1#
65	14.2	12.5	18.7



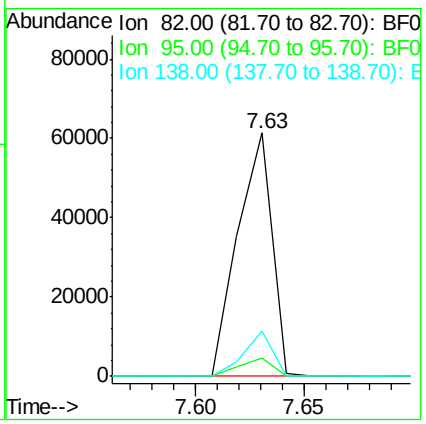


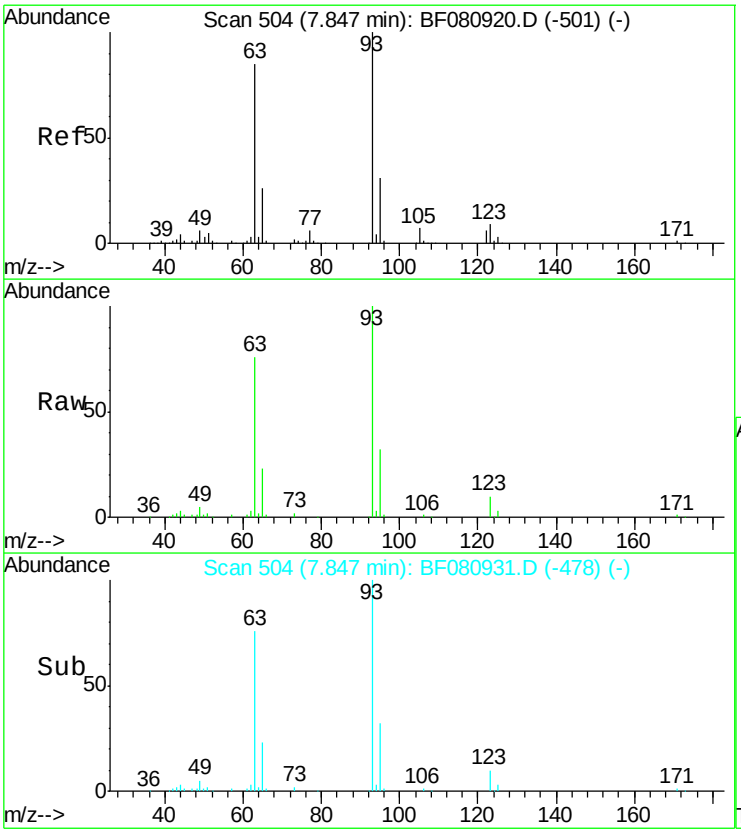
#25
Isophorone
Concen: 5.66 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 66853

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.6
138	18.8	14.1	21.1

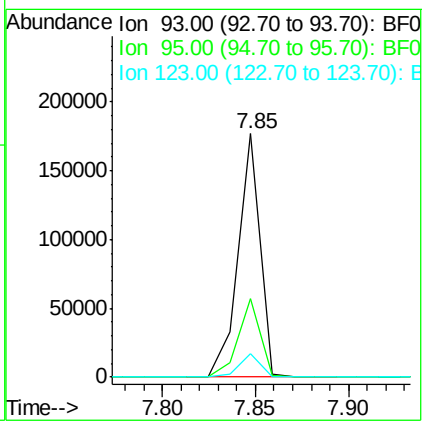


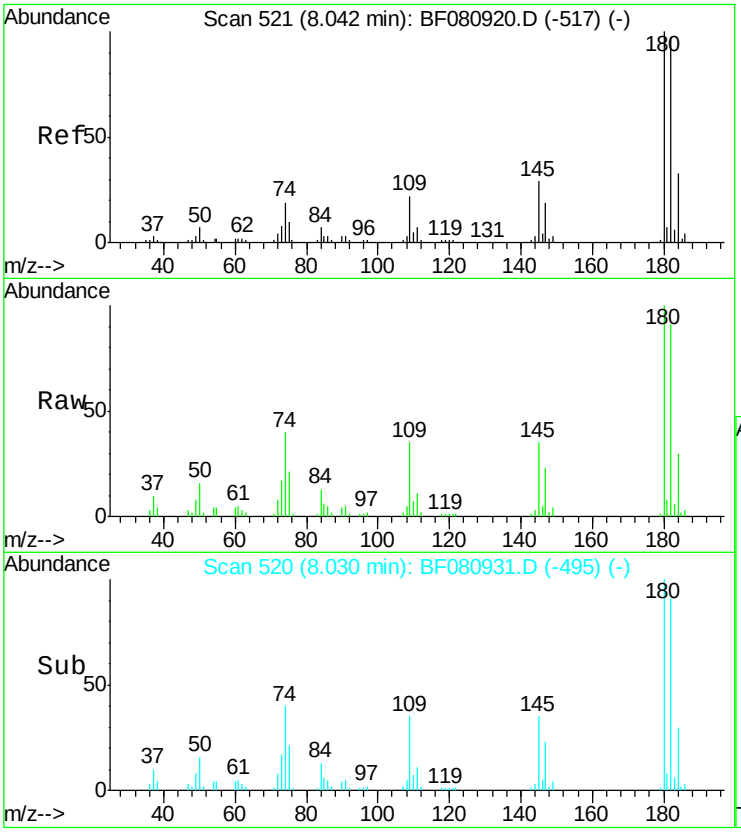


#28
bis(2-Chloroethoxy)methane
Concen: 20.56 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion: 93 Resp: 145941

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.0	37.4
123	9.7	7.4	11.0



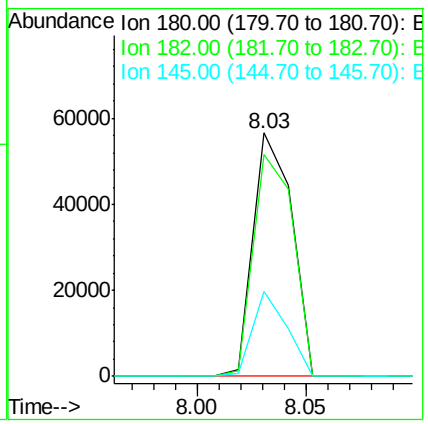


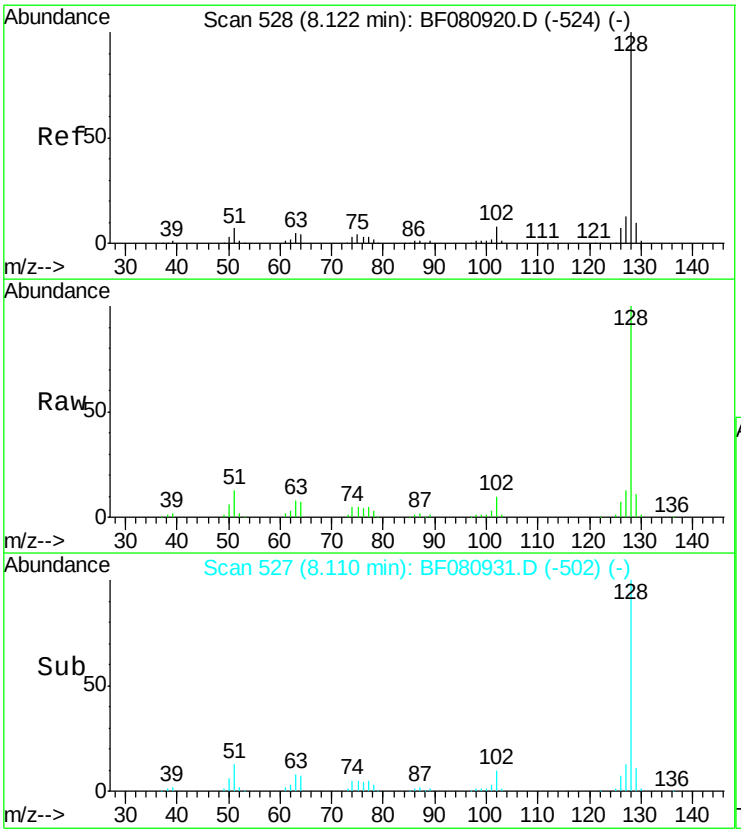
#30
1,2,4-Trichlorobenzene
Concen: 15.70 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:180 Resp: 70306

Ion	Ratio	Lower	Upper
180	100		
182	91.1	77.4	116.0
145	34.7	23.2	34.8

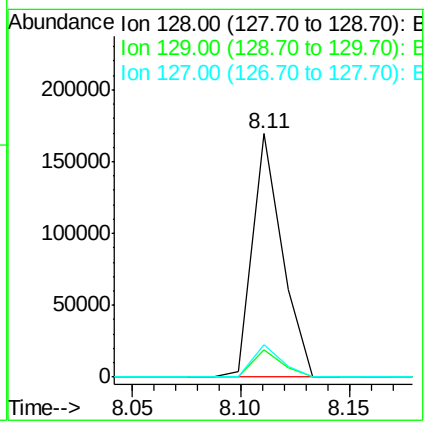


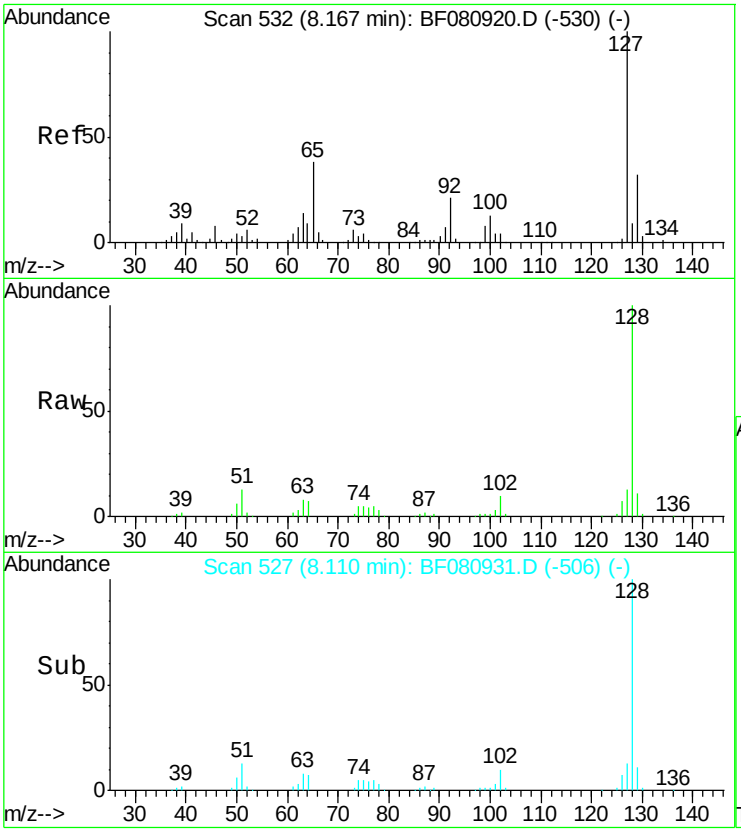


#31
Naphthalene
Concen: 10.03 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:128 Resp: 160766

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.4	12.6
127	13.1	10.5	15.7



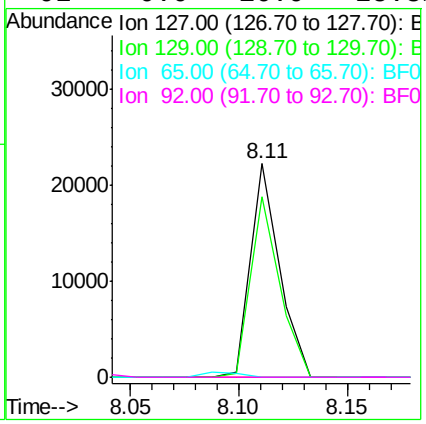


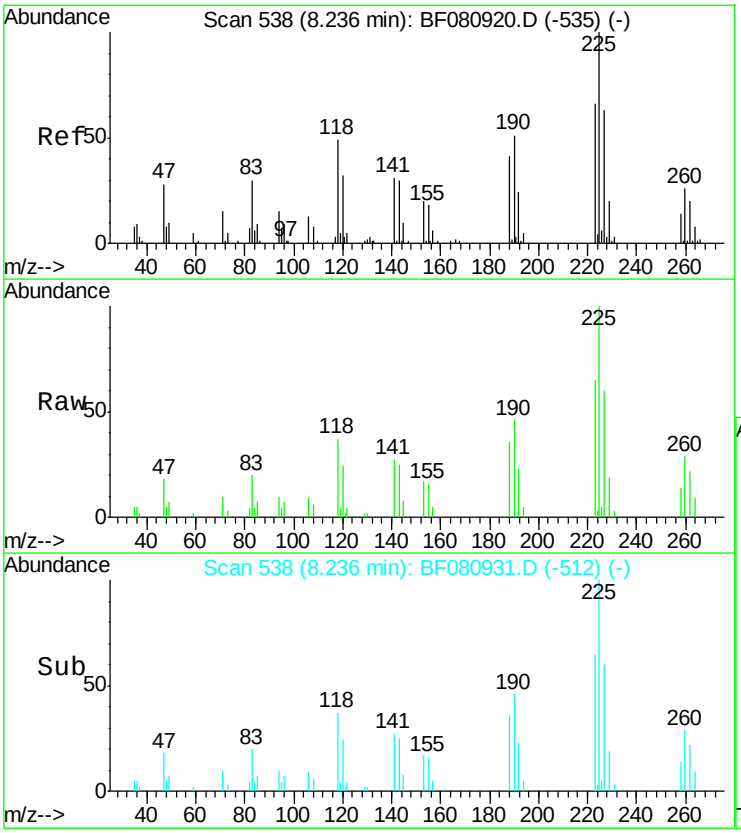
#33
4-Chloroaniline
Concen: 3.18 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 20691

Ion	Ratio	Lower	Upper
127	100		
129	84.5	25.9	38.9#
65	0.0	30.6	45.8#
92	0.0	16.9	25.3#

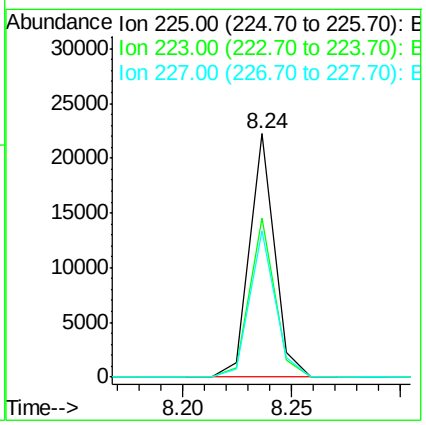


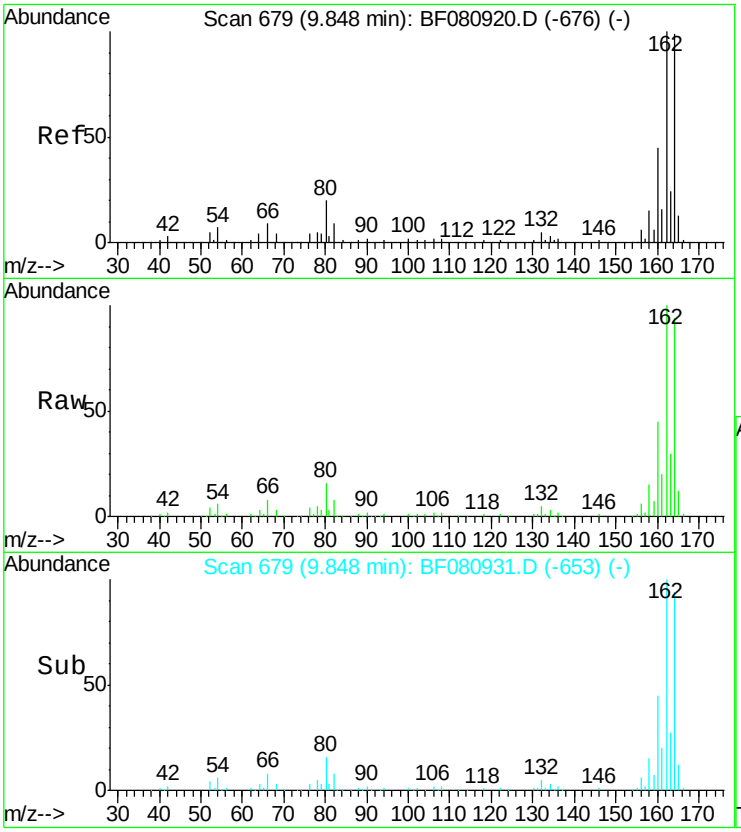


#34
Hexachlorobutadiene
Concen: 6.66 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:225 Resp: 17738

Ion	Ratio	Lower	Upper
225	100		
223	65.4	52.5	78.7
227	60.3	50.3	75.5



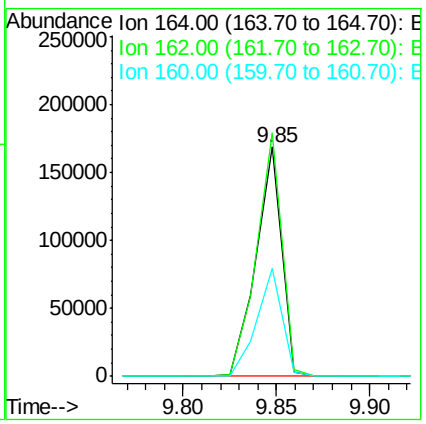


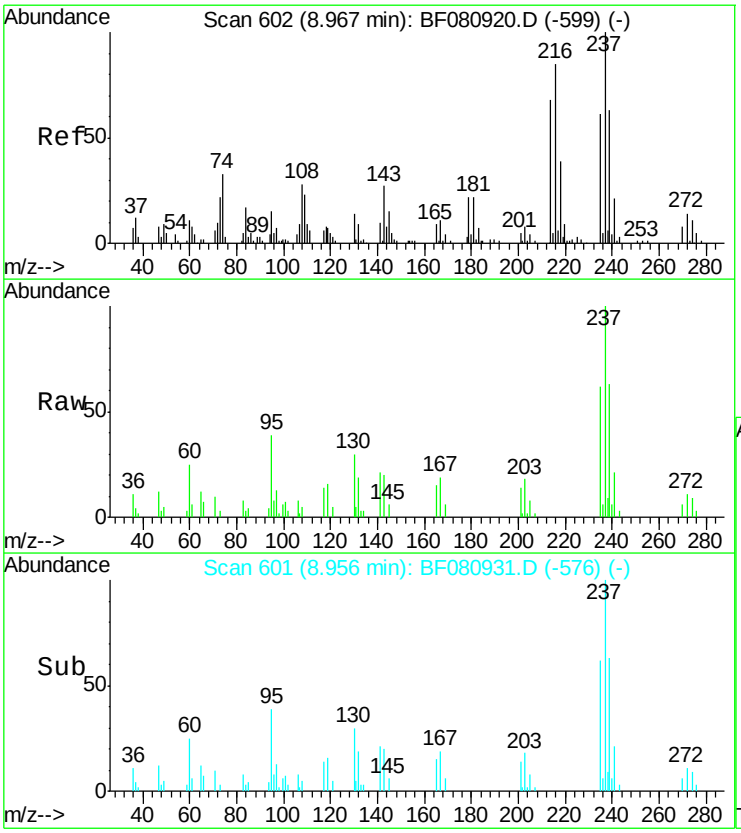
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 159431

Ion	Ratio	Lower	Upper
164	100		
162	106.2	80.5	120.7
160	47.3	36.6	54.8

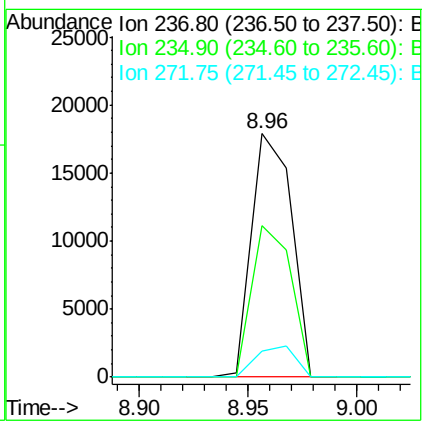


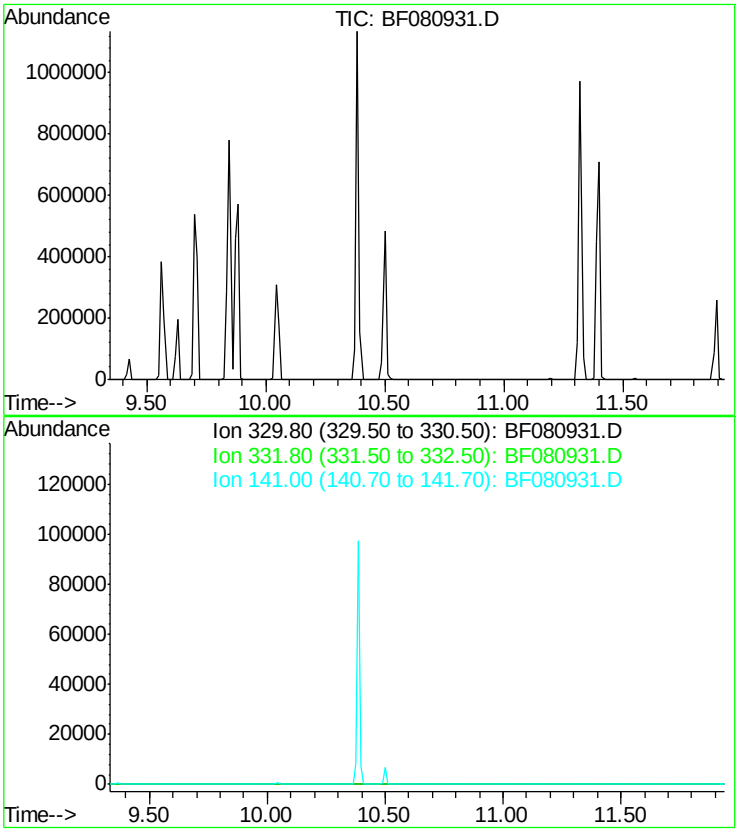


#40
Hexachlorocyclopentadiene
Concen: 8.58 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:237 Resp: 23012

Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.3	81.3
272	10.7	0.0	33.6





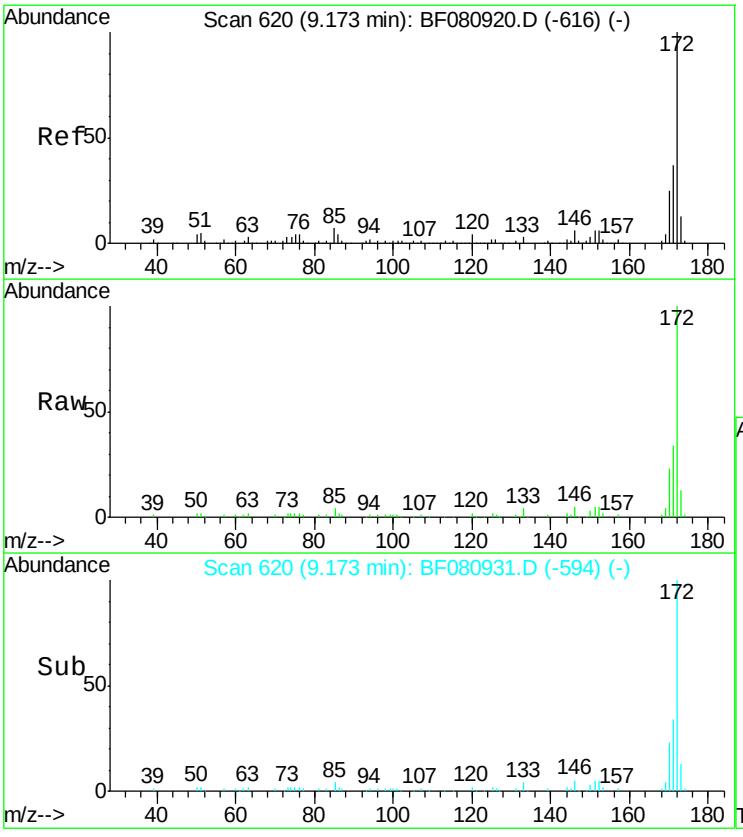
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.64 min

Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.3
141	34.8

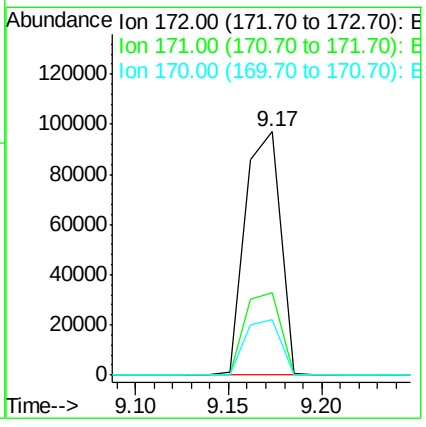
Instrument :
BNA_F
ClientSampleId :

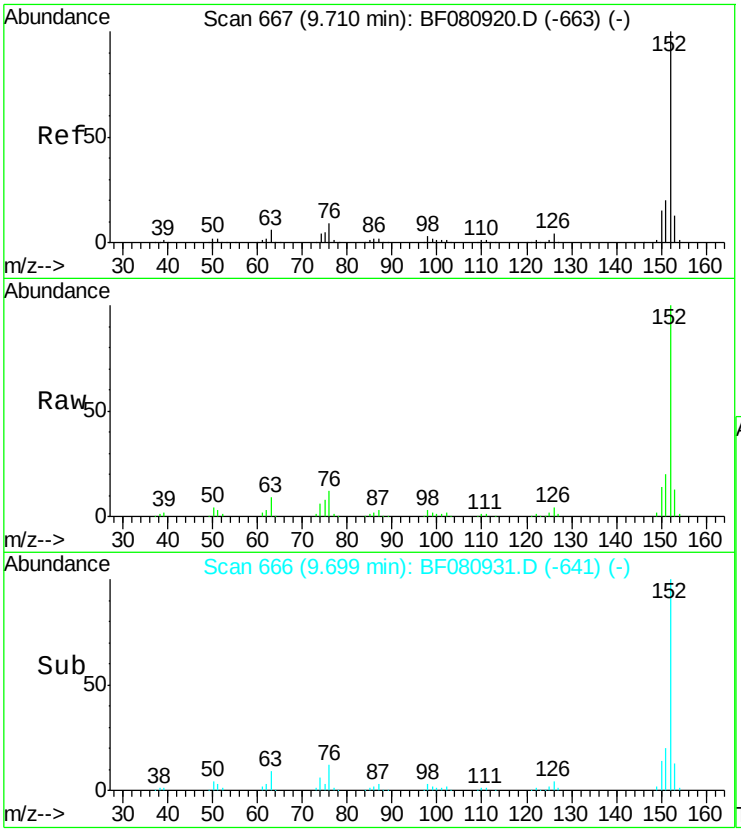


#44
2-Fluorobiphenyl
Concen: 11.21 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:172 Resp: 127001

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.4	44.0
170	23.0	19.7	29.5



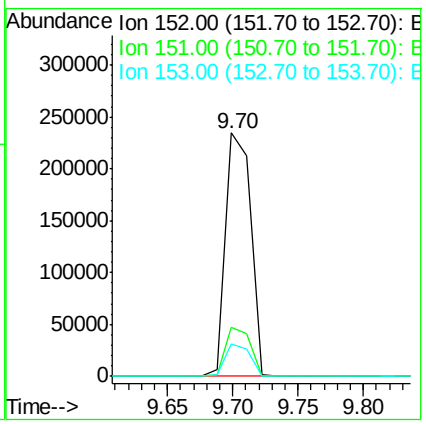


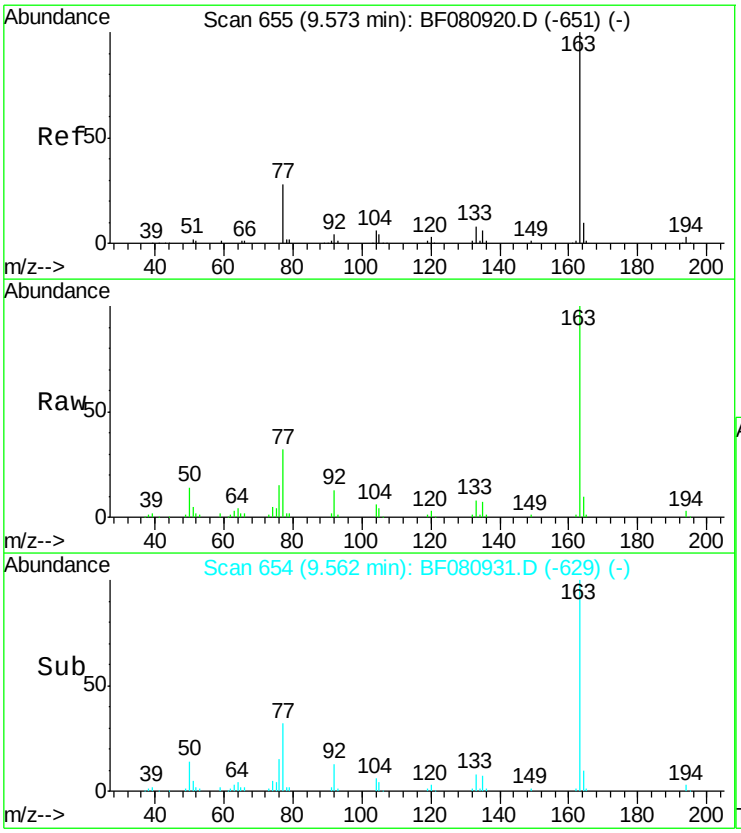
#48
Acenaphthylene
Concen: 16.89 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 313329

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.4	10.5	15.7

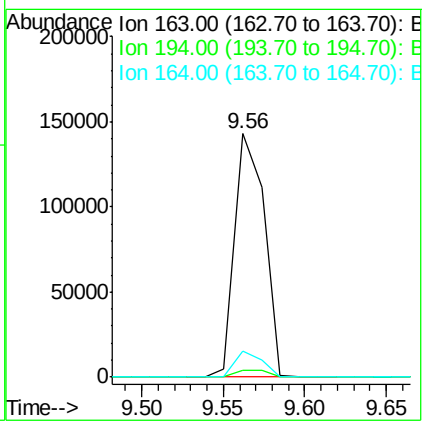


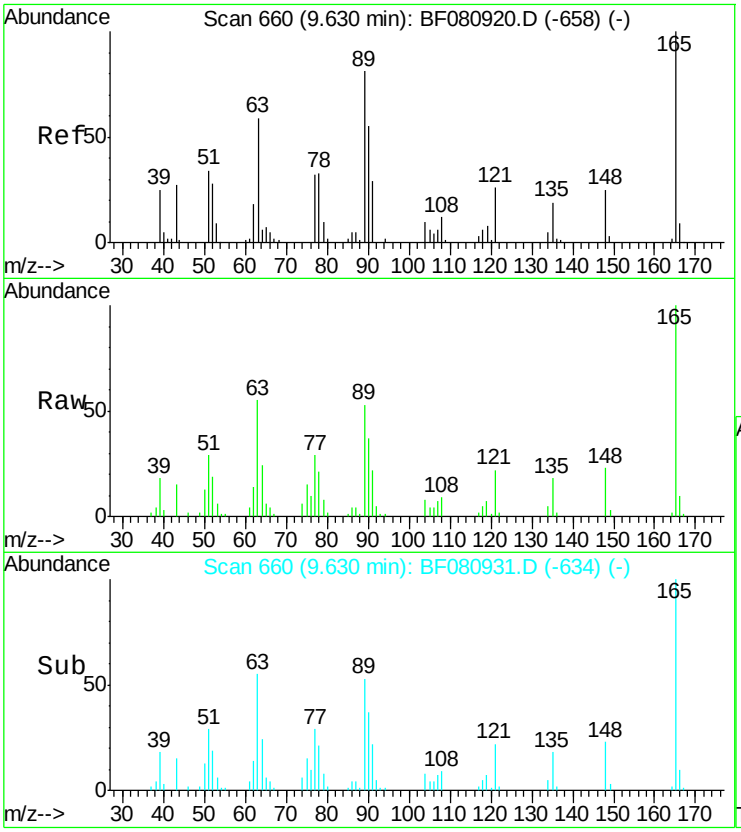


#49
Dimethylphthalate
Concen: 13.52 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:163 Resp: 178999

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.4	3.6
164	10.4	8.2	12.4



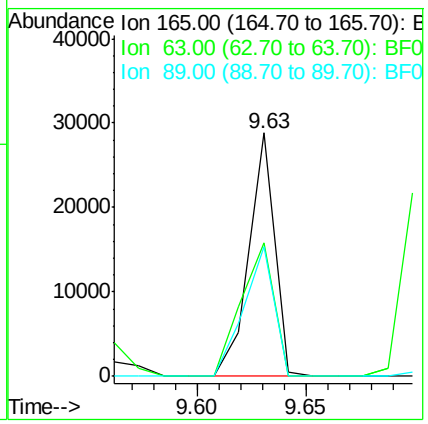


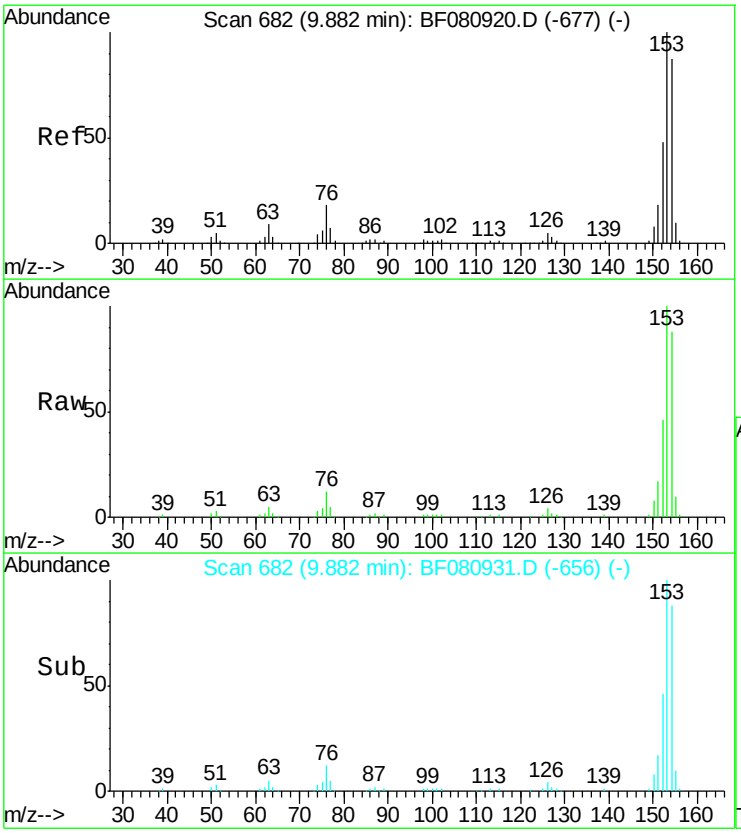
#50
2,6-Dinitrotoluene
Concen: 8.66 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23697

Ion	Ratio	Lower	Upper
165	100		
63	54.9	77.6	116.4#
89	53.4	64.5	96.7#

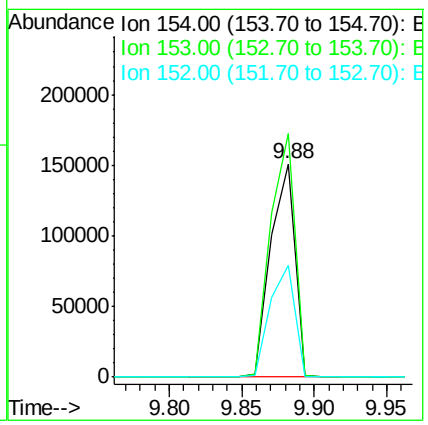


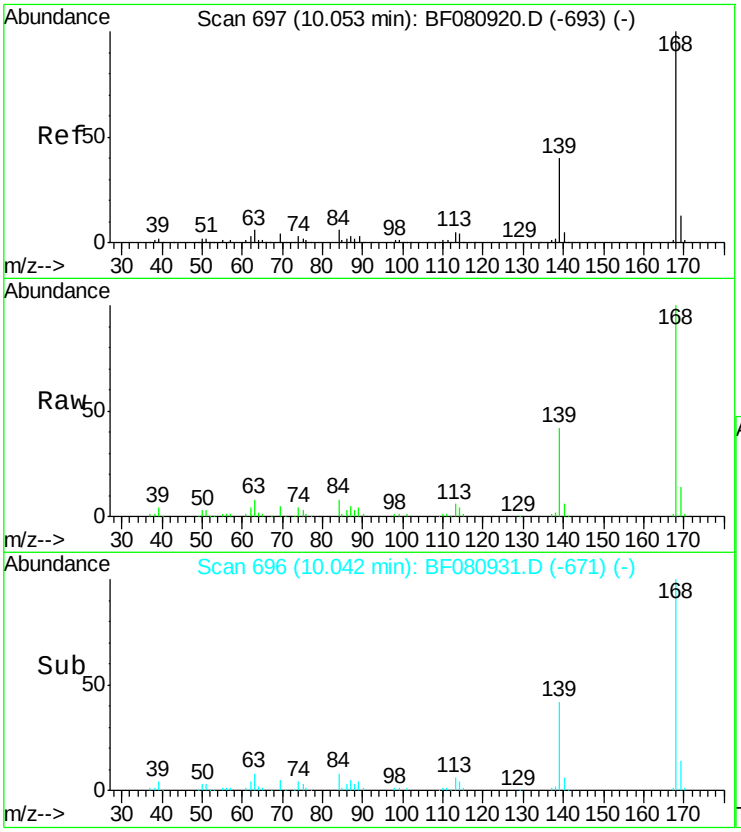


#51
Acenaphthene
Concen: 15.47 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:154 Resp: 175690

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.4	137.2
152	52.7	44.2	66.4



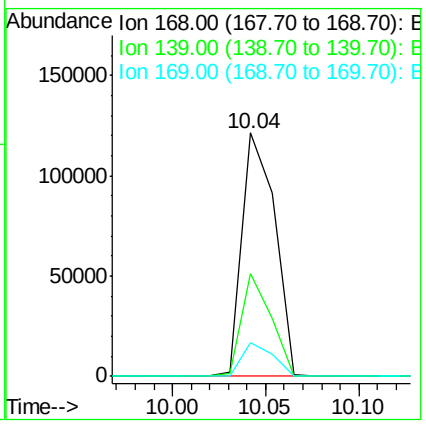


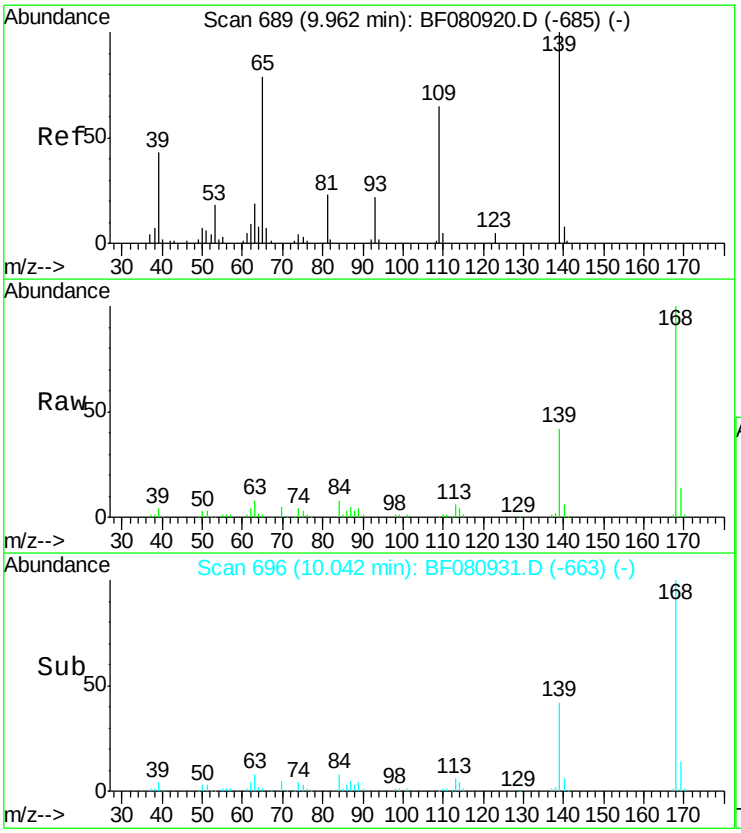
#54
Dibenzofuran
Concen: 9.65 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 148197

Ion	Ratio	Lower	Upper
168	100		
139	42.5	31.9	47.9
169	14.1	10.6	15.8

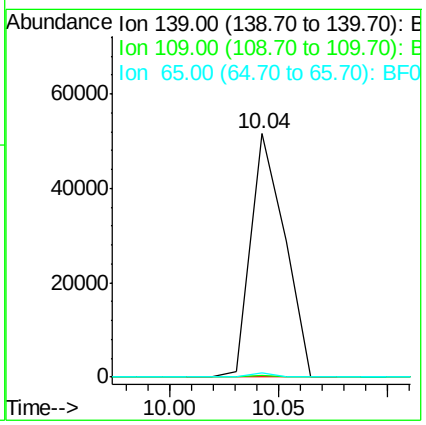


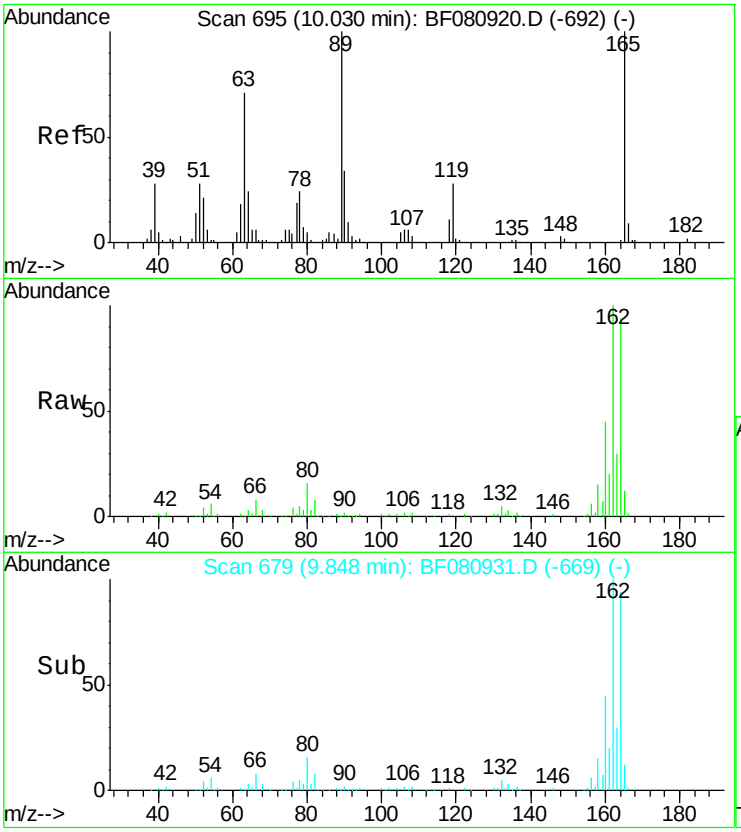


#55
4-Nitrophenol
Concen: 22.12 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.08 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:139 Resp: 55857

Ion	Ratio	Lower	Upper
139	100		
109	0.8	44.7	84.7#
65	1.8	59.5	99.5#



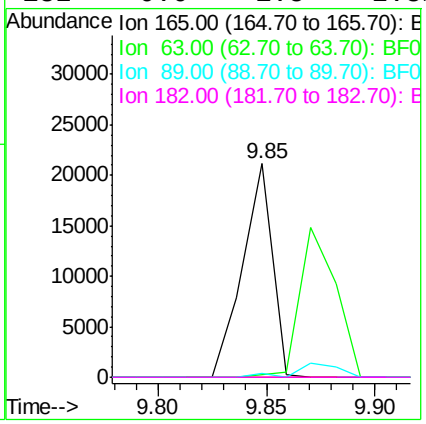


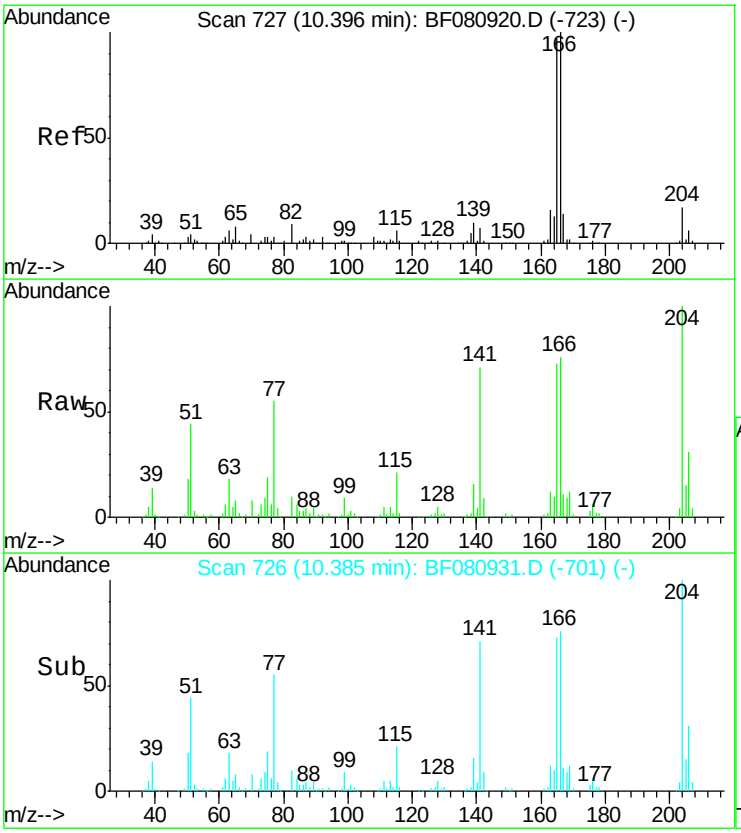
#56
2,4-Dinitrotoluene
Concen: 5.51 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.18 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20158

Ion	Ratio	Lower	Upper
165	100		
63	1.5	56.7	85.1#
89	1.7	80.4	120.6#
182	0.0	1.5	2.3#

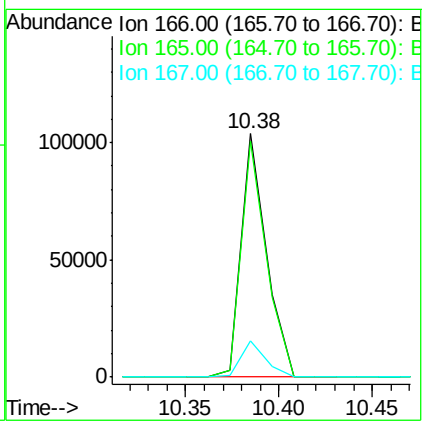


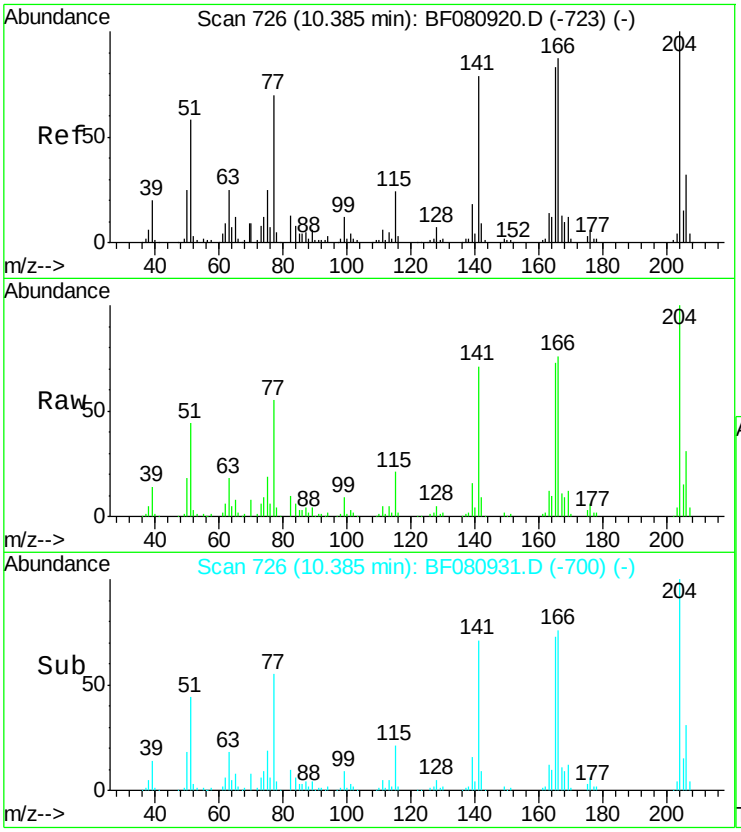


#57
Fluorene
Concen: 8.20 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:166 Resp: 97384

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.2	115.8
167	14.9	10.8	16.2



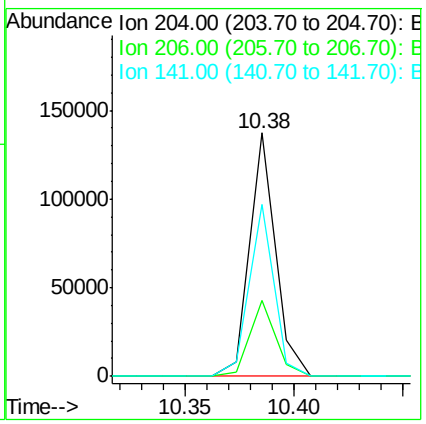


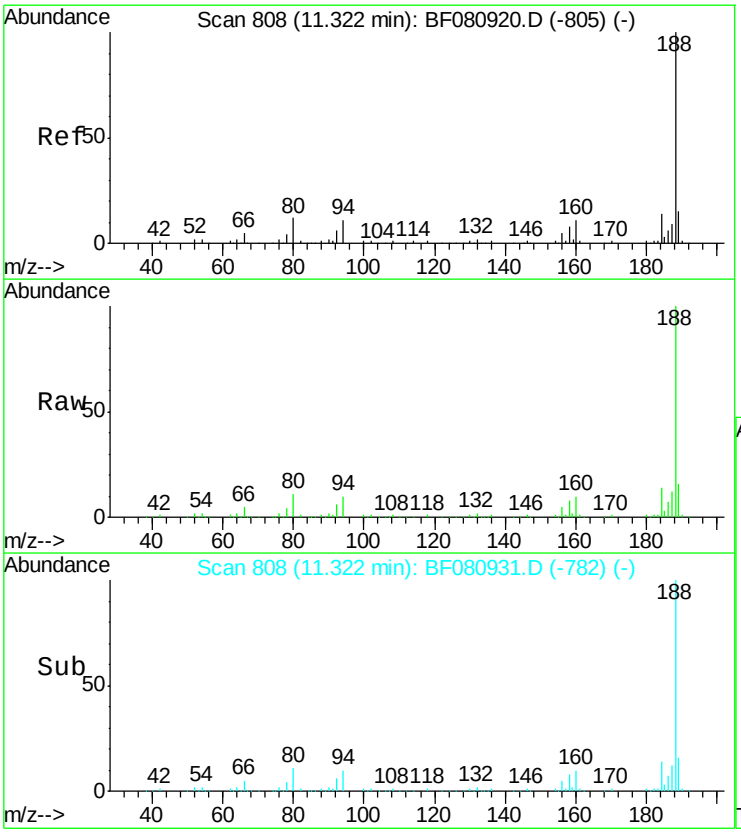
#60
4-Chlorophenyl-phenylether
Concen: 19.62 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 113608

Ion	Ratio	Lower	Upper
204	100		
206	31.3	25.5	38.3
141	70.8	63.4	95.0

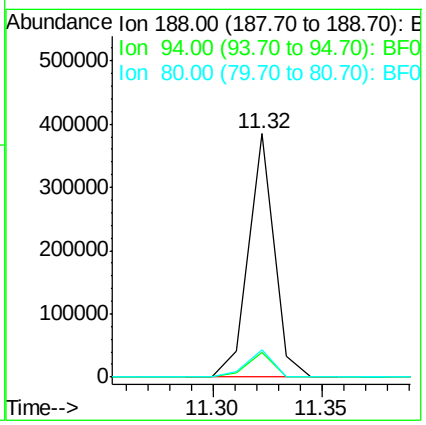


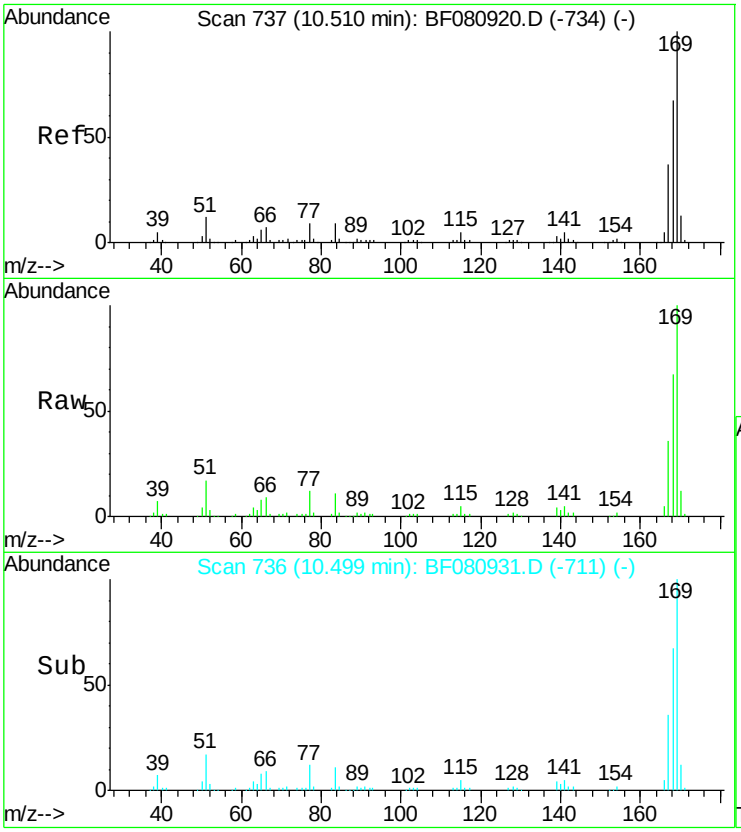


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:188 Resp: 316124

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.8	13.2
80	11.5	9.5	14.3



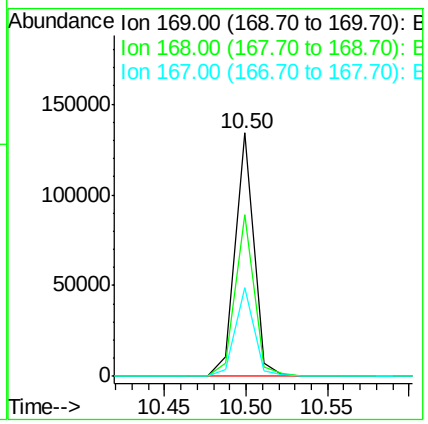


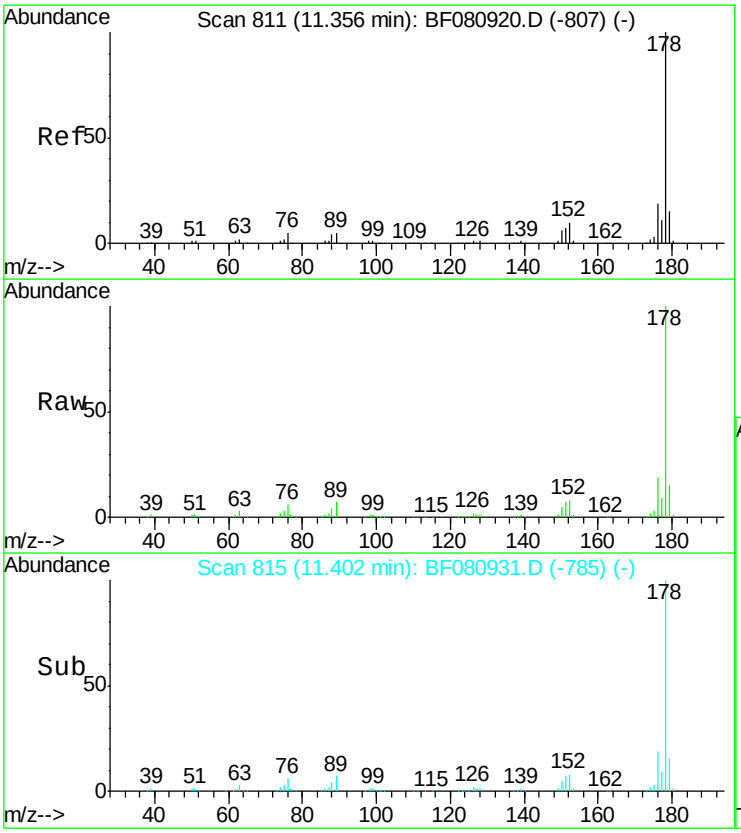
#65
n-Nitrosodiphenylamine
Concen: 9.56 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 105005

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.7	80.5
167	36.2	29.3	43.9

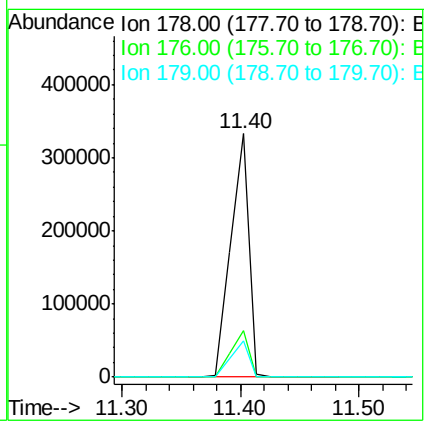


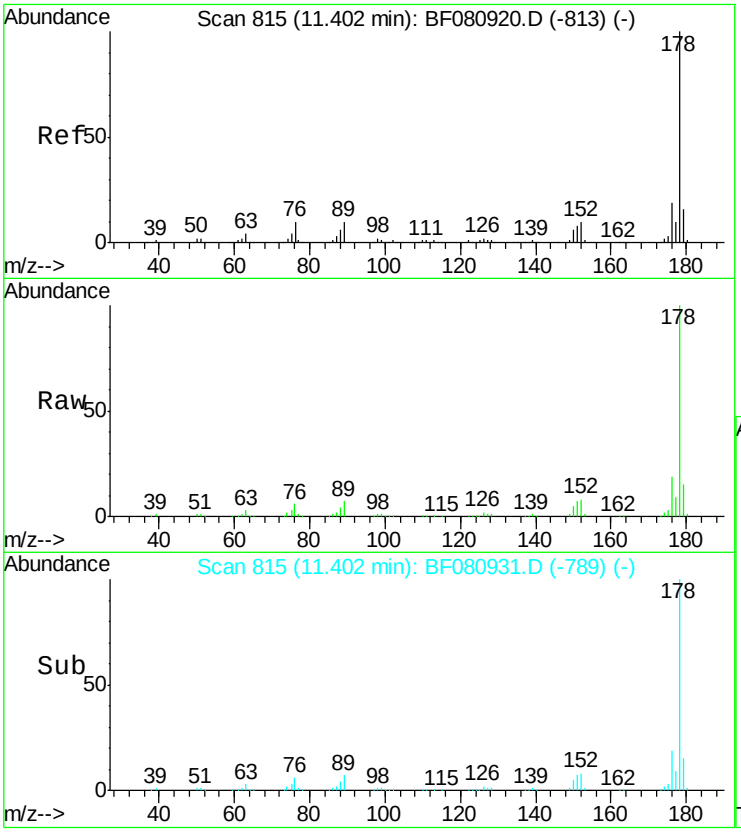


#70
Phenanthrene
Concen: 19.65 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.05 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:178 Resp: 351714

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	14.8	11.9	17.9



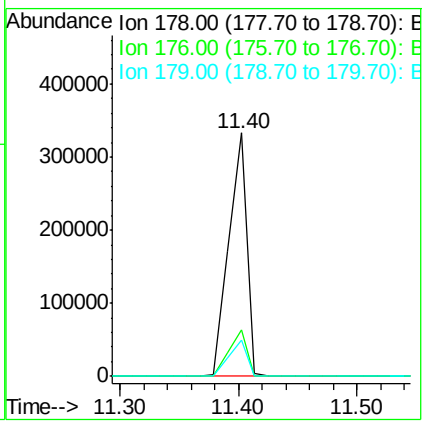


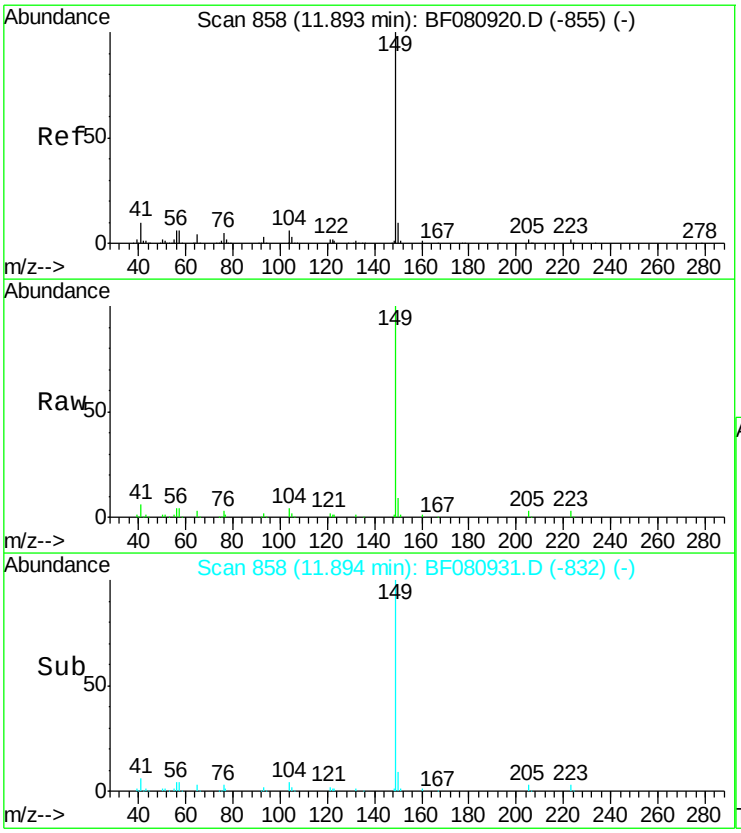
#71
Anthracene
Concen: 19.85 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 351714

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	14.8	12.6	18.8

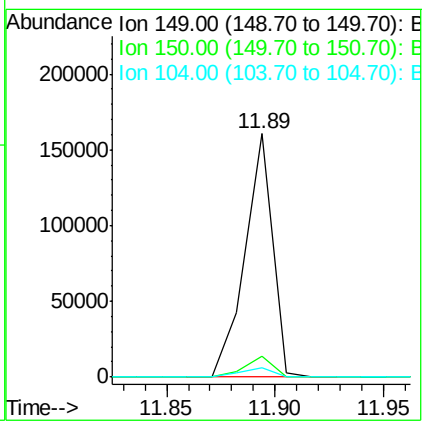


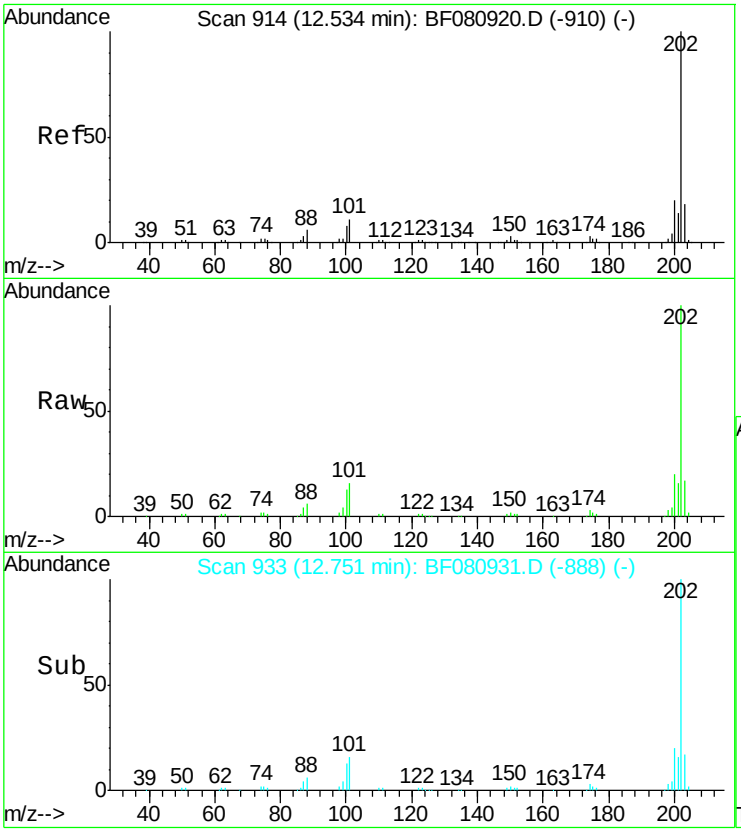


#73
Di-n-butylphthalate
Concen: 6.54 ng
RT: 11.89 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:149 Resp: 141178

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.6	11.4
104	4.0	4.4	6.6#



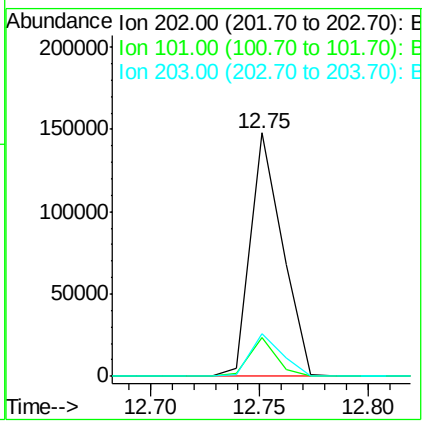


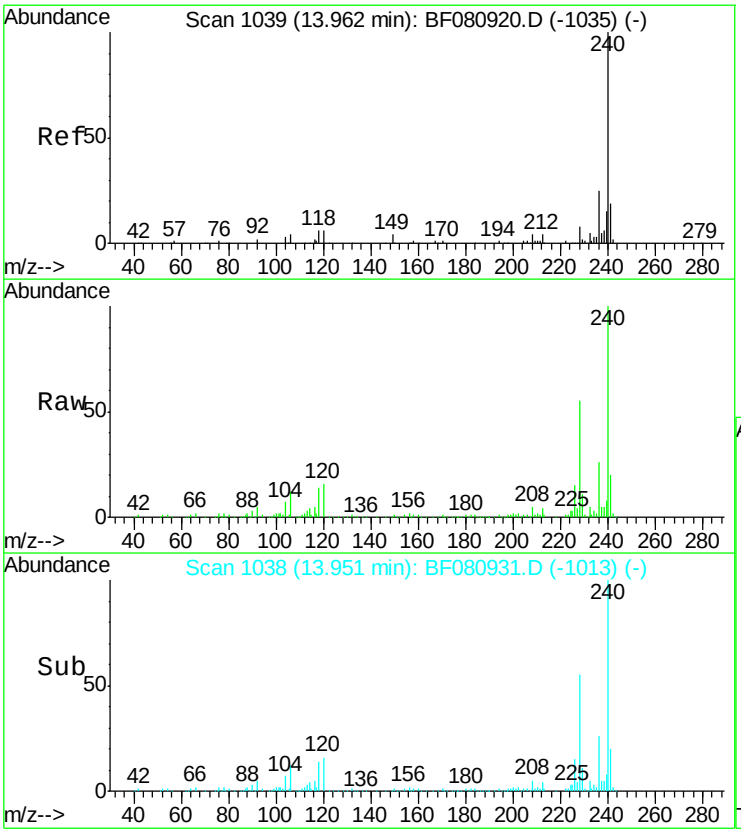
#74
Fluoranthene
Concen: 7.86 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.22 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 152072

Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	30.5
203	17.4	0.0	37.7

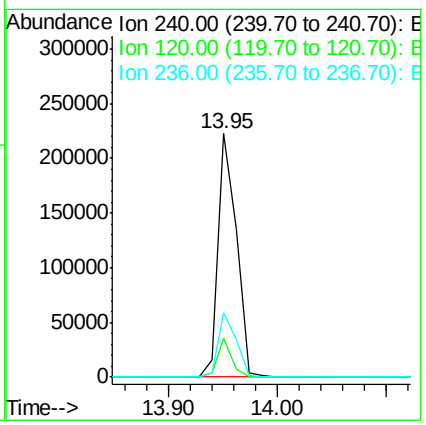


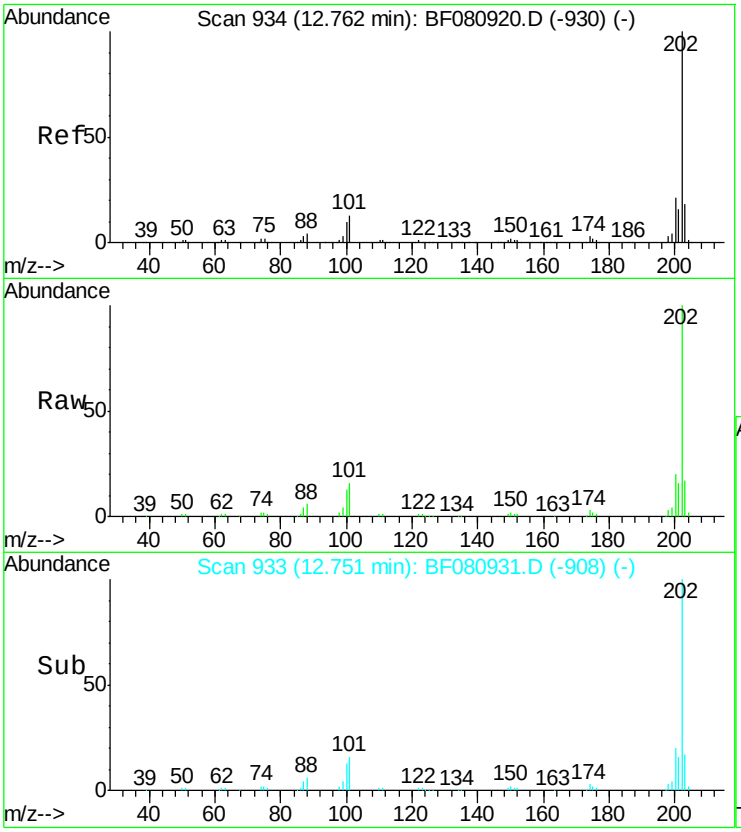


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:240 Resp: 260803

Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.2	7.8#
236	26.3	20.2	30.4



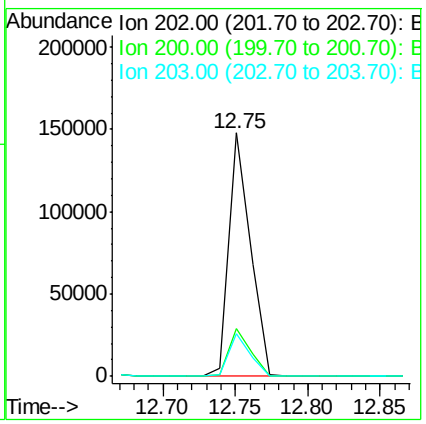


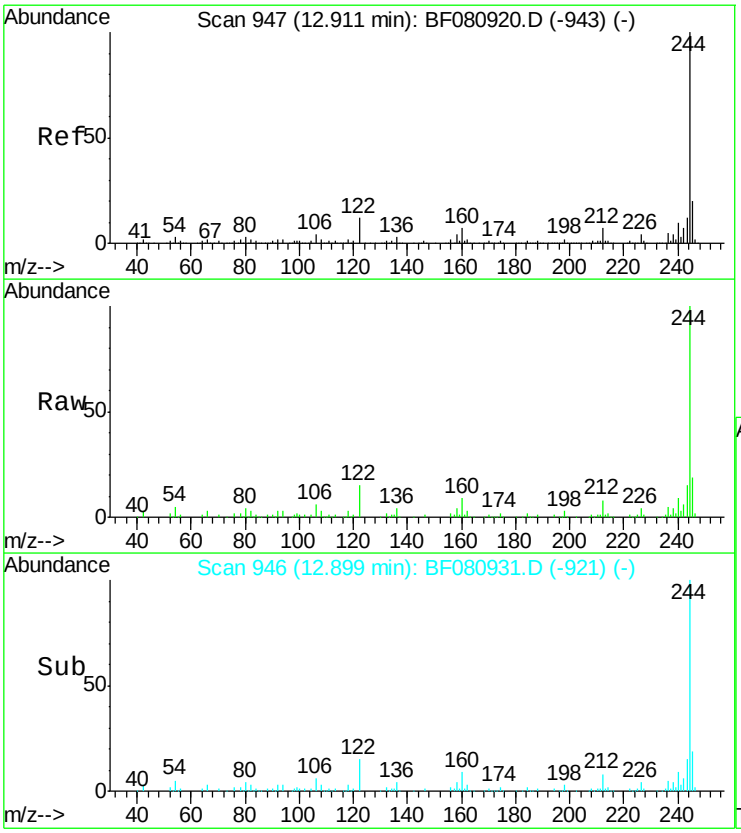
#77
Pyrene
Concen: 7.90 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 152284

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.6	24.8
203	17.4	14.2	21.2

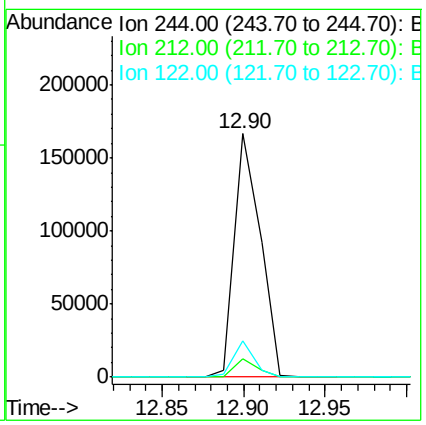


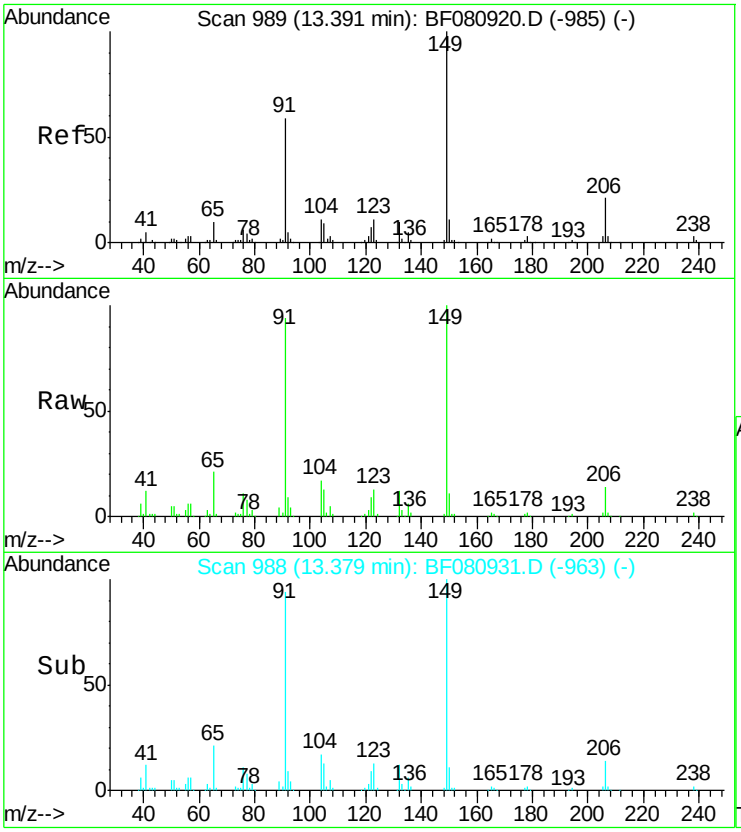


#78
Terphenyl-d14
Concen: 14.41 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:244 Resp: 181917

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	14.8	9.4	14.2#



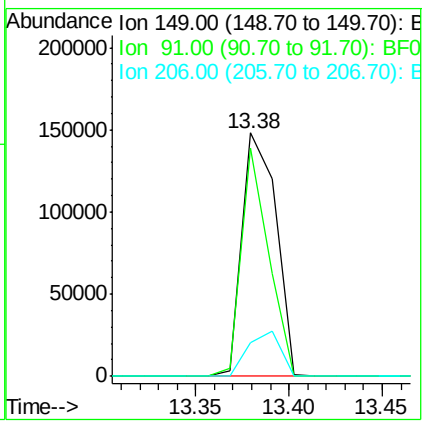


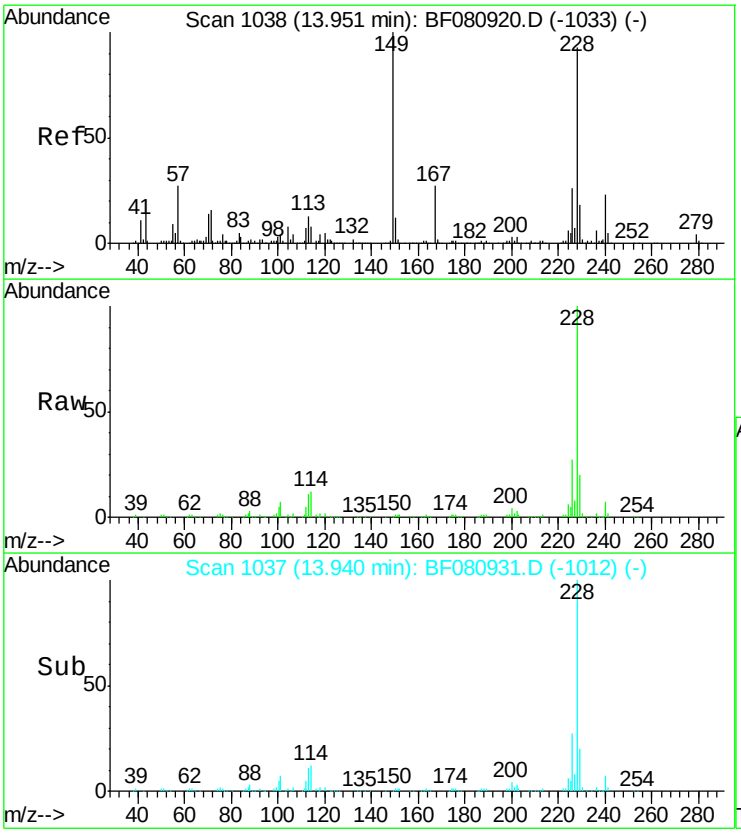
#79
Butylbenzylphthalate
Concen: 20.16 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 187203

Ion	Ratio	Lower	Upper
149	100		
91	94.0	47.2	70.8#
206	13.9	16.5	24.7#

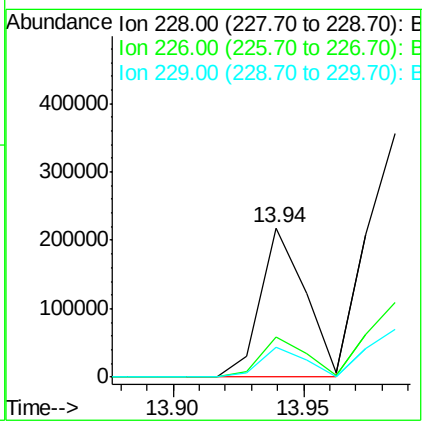


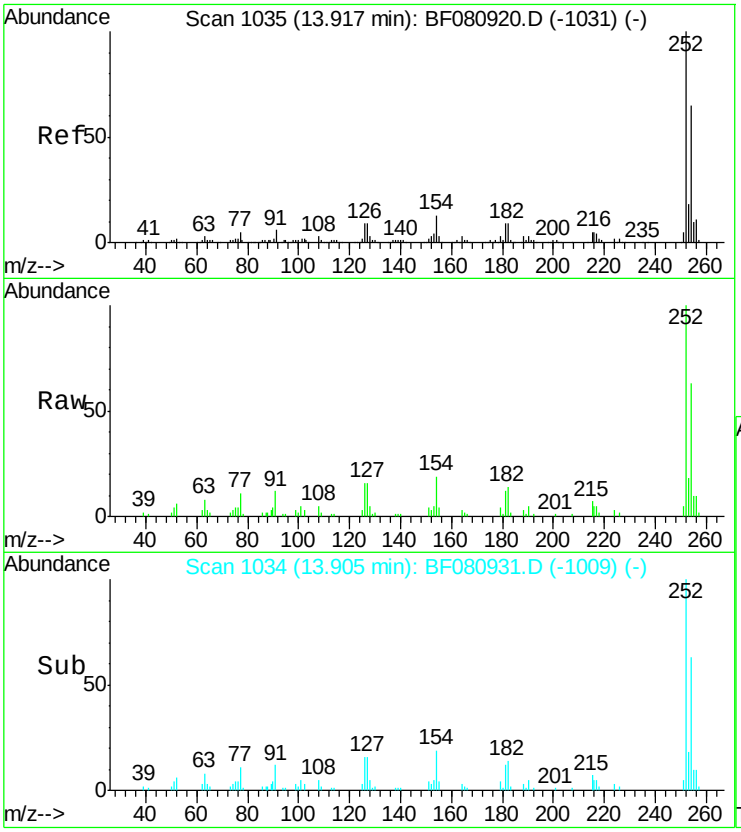


#80
Benzo(a)anthracene
Concen: 15.73 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:228 Resp: 259181

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	19.9	15.8	23.6



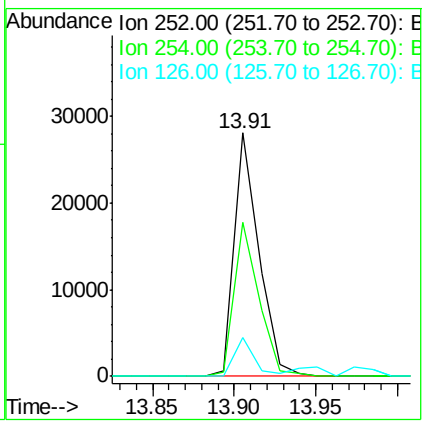


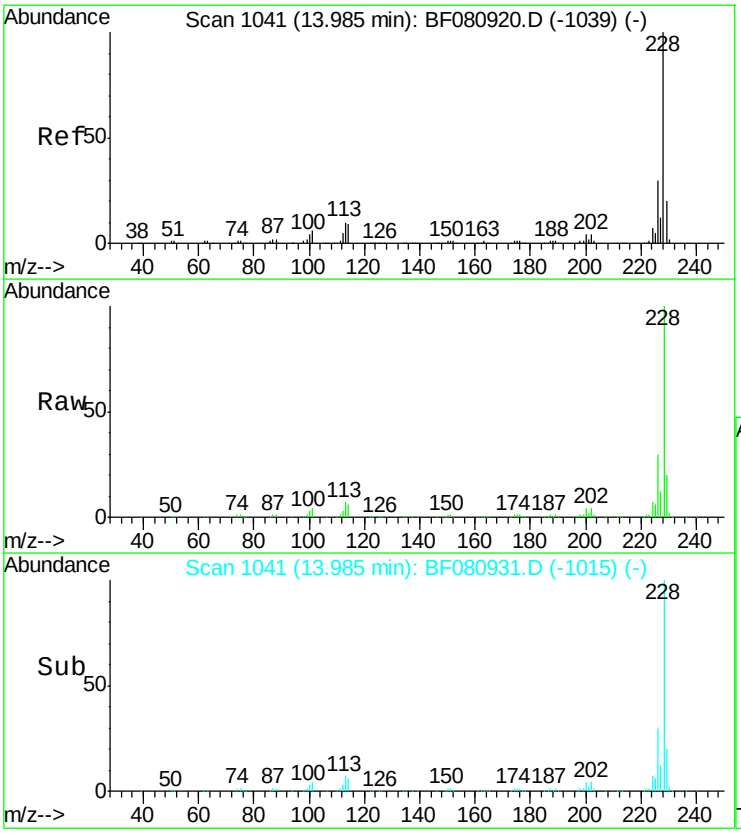
#81
3,3'-Dichlorobenzidine
Concen: 4.86 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 29103

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.7	77.5
126	15.7	7.1	10.7#

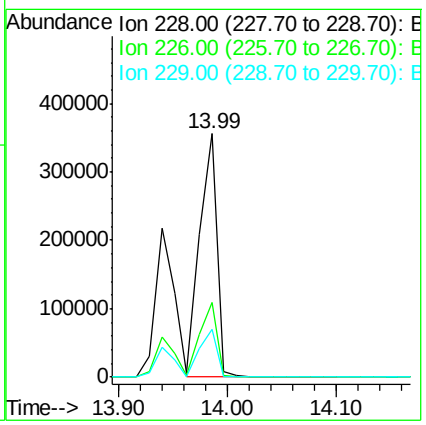


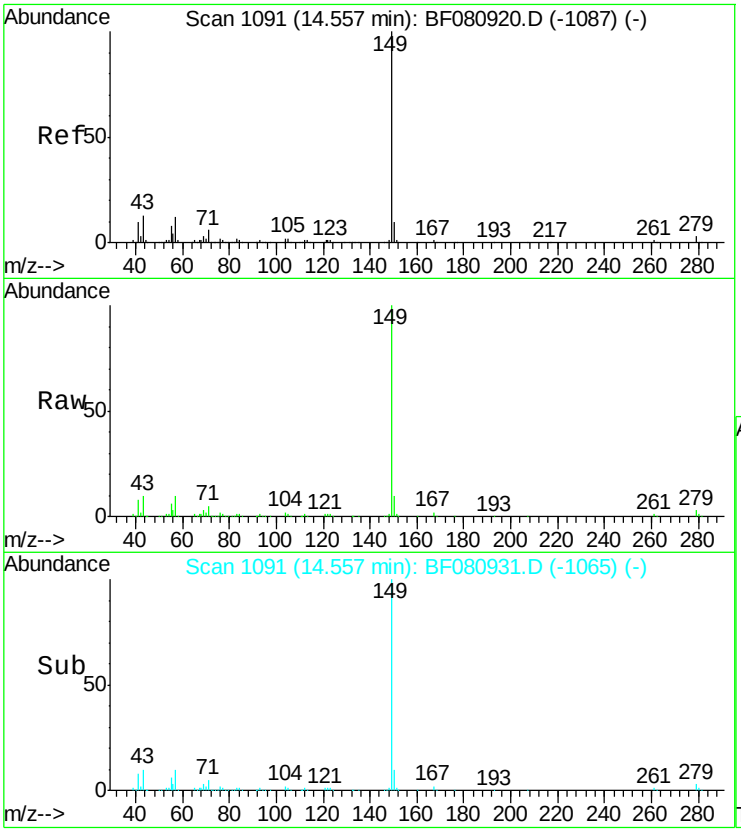


#82
Chrysene
Concen: 25.15 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:228 Resp: 396656

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	19.6	15.8	23.6



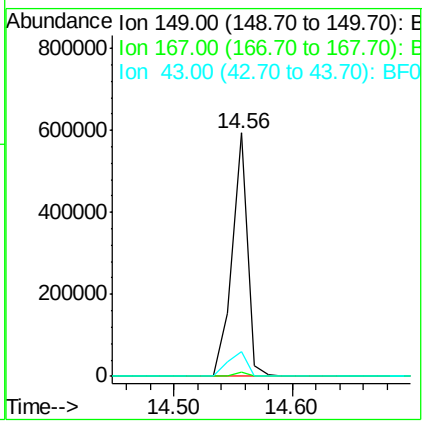


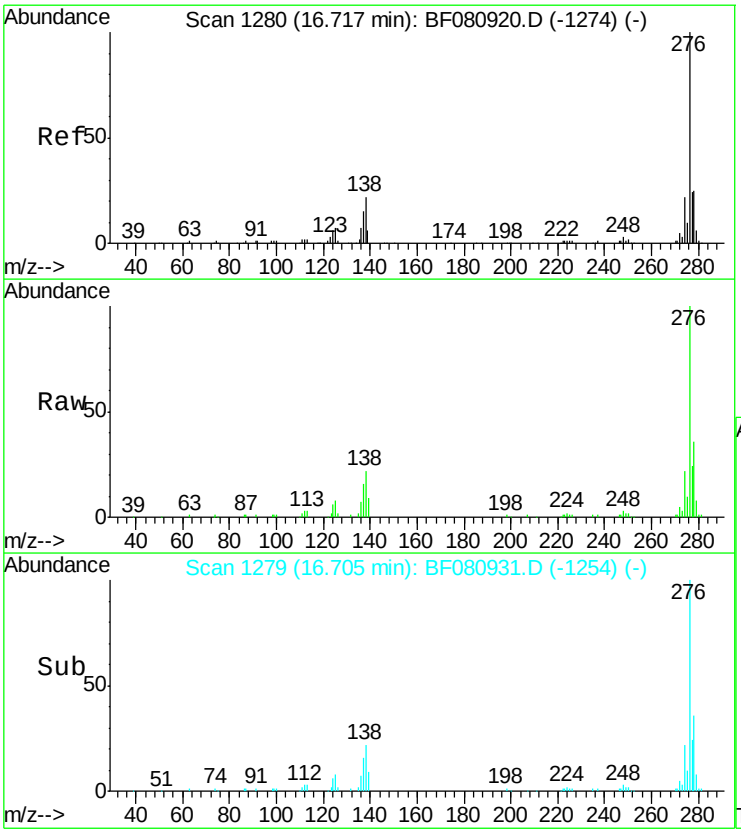
#84
Di-n-octyl phthalate
Concen: 24.48 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 536281

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.6	11.0	16.4

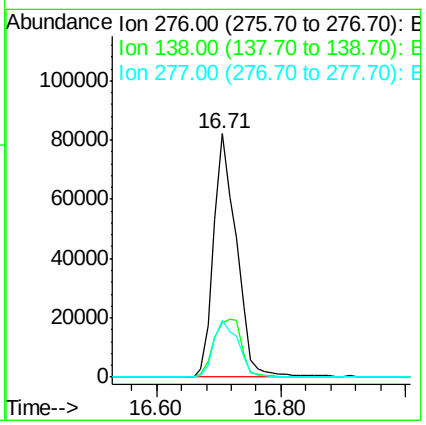


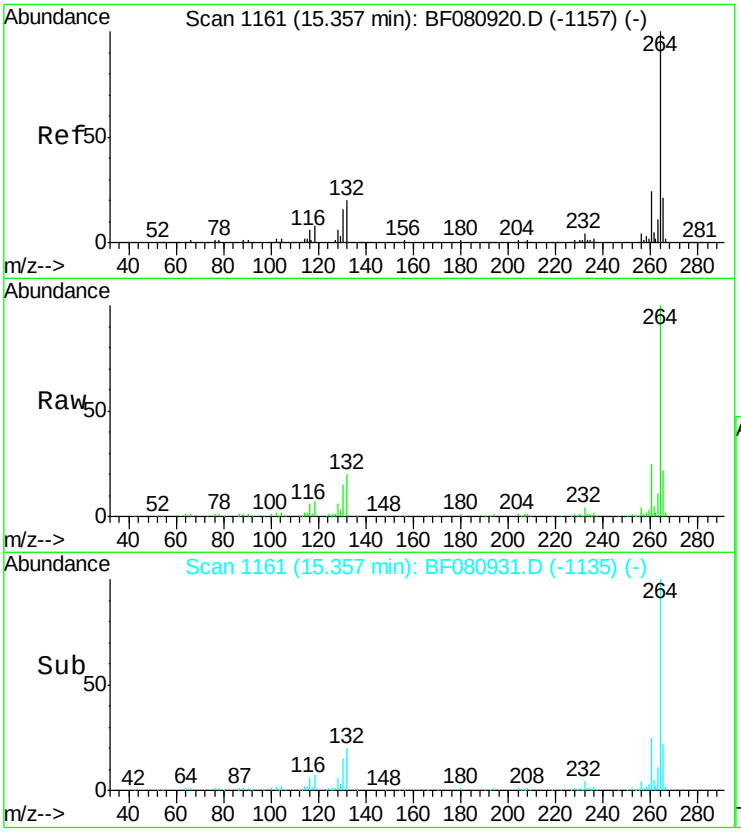


#85
Indeno(1,2,3-cd)pyrene
Concen: 13.90 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:276 Resp: 208654

Ion	Ratio	Lower	Upper
276	100		
138	29.0	19.9	29.9
277	25.1	19.7	29.5



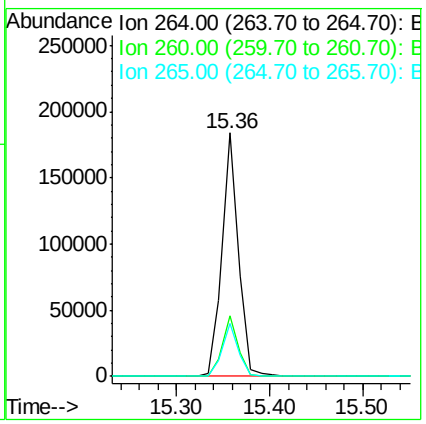


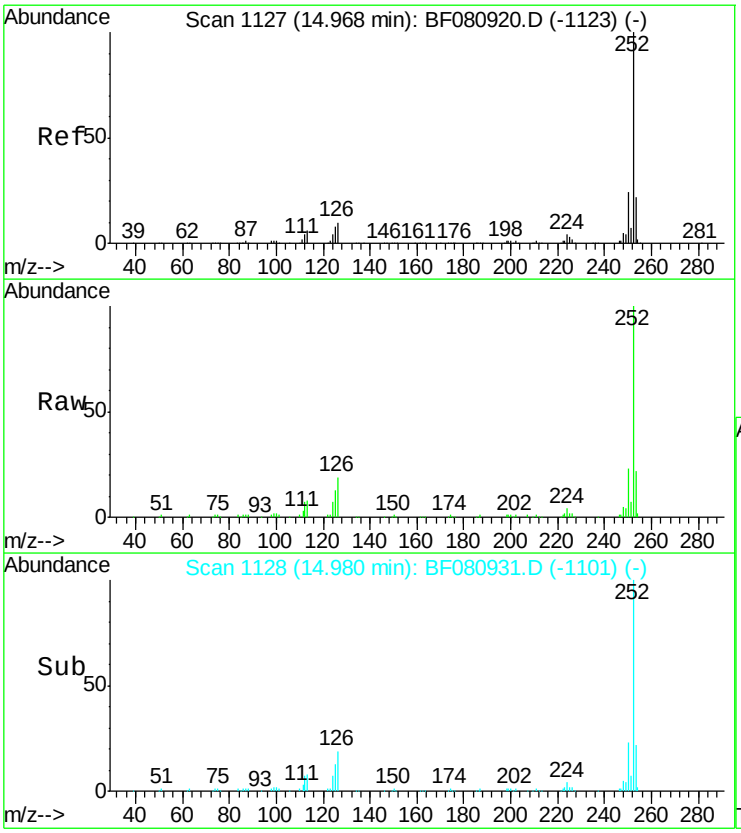
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 226886

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	21.8	17.0	25.4

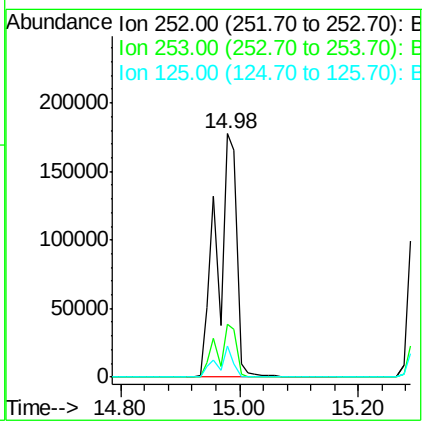


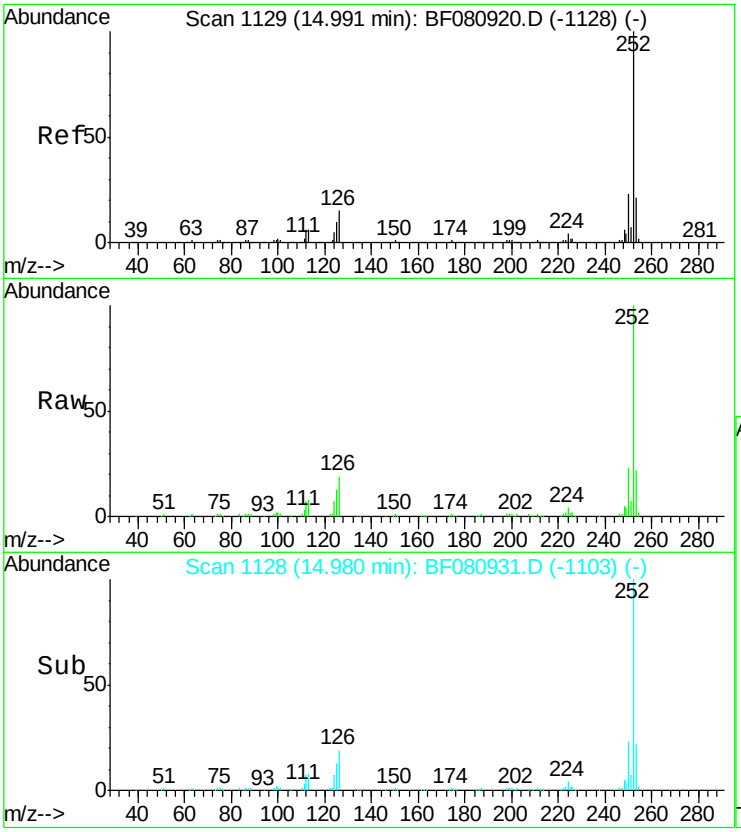


#87
Benzo(b)fluoranthene
Concen: 25.49 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:252 Resp: 402172

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	12.8	6.1	9.1#



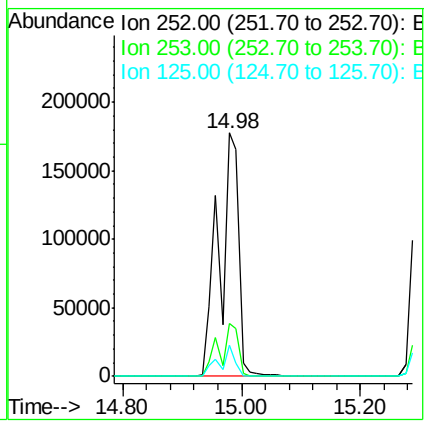


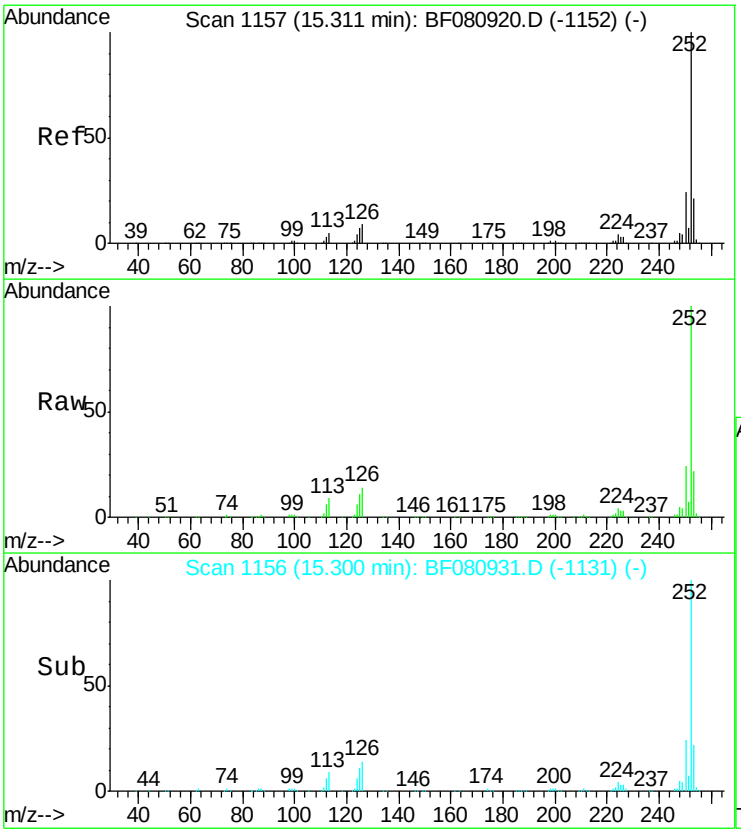
#88
Benzo(k)fluoranthene
Concen: 29.14 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 402172

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	12.8	9.0	13.6

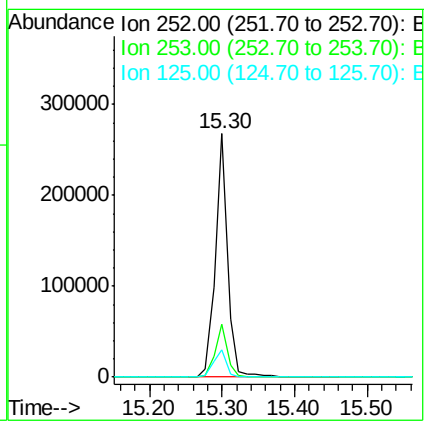


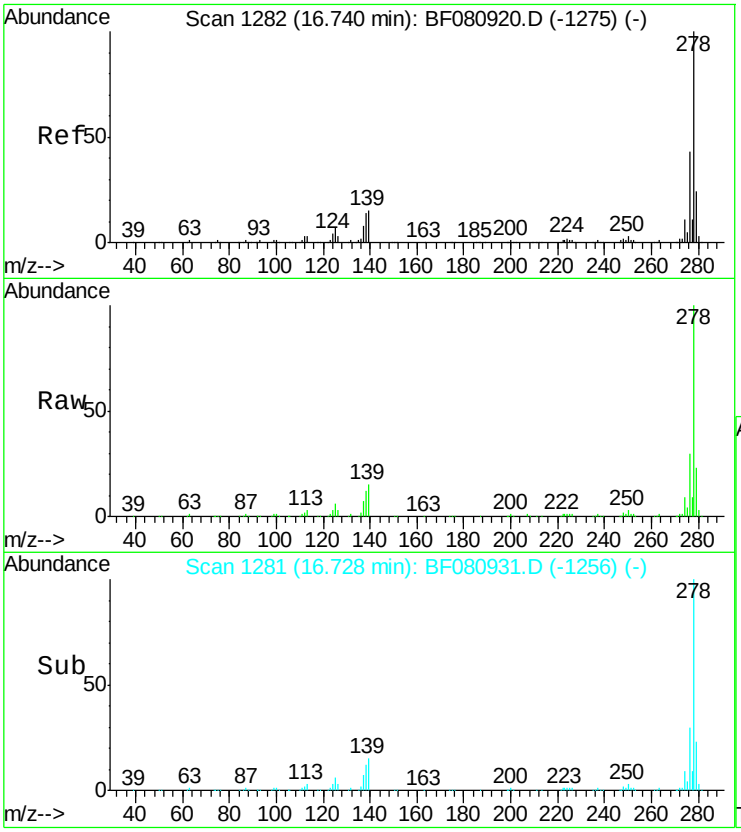


#89
Benzo(a)pyrene
Concen: 23.21 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:252 Resp: 314699

Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.9	25.3
125	11.1	5.8	8.8#





#90
Dibenzo(a,h)anthracene
Concen: 23.14 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 277543

Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.9	17.9
279	22.6	19.0	28.6