Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092014.D
Acq On : 22 Jul 2016 20:07
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW-05-5.0-16.0

Quant Time: Jul 23 01:32:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	25219	5.00	ng		0.00
8) Naphthalene-d8	10.99	136	127435	5.00	ng		0.00
15) Acenaphthene-d10	14.86	164	89708	5.00	ng		0.00
24) Phenanthrene-d10	17.59	188	177768	5.00	ng		0.00
31) Chrysene-d12	21.76	240	238418	5.00	ng		0.00
40) Perylene-d12	24.16	264	189926	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.72	112	15072	3.08	ng		0.00
5) Phenol-d6	7.35	99	14960	1.81	ng		-0.02
9) Nitrobenzene-d5	9.37	82	24949	3.25	ng		-0.02
16) 2,4,6-Tribromophenol	16.35	330	17042	5.53	ng		0.00
17) 2-Fluorobiphenyl	13.48	172	75845	3.22	ng		0.00
34) Terphenyl-d14	20.20	244	126114	5.27	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.75	42	391	0.17	ng	#	1
6) bis(2-Chloroethyl)ether	7.66	93	162	0.02	ng	#	1
7) n-Nitroso-di-n-propylamine	8.94	70	851	0.14	ng	#	19
10) Nitrobenzene	9.38	77	1463	0.26	ng	#	1
11) bis(2-Chloroethoxy)methane	10.55	93	2786	0.29	ng	#	1
12) Naphthalene	11.04	128	4058	0.14	ng	#	1
14) 2-Methylnaphthalene	12.61	142	606	0.03	ng	#	1
18) Acenaphthylene	14.59	152	8072	0.06	ng	#	37
19) 2,6-Dinitrotoluene	14.31	165	22696	1.02	ng	#	10
20) Acenaphthene	14.92	154	1856	0.08	ng	#	1
21) 2,4-Dinitrotoluene	15.31	165	15731	0.99	ng	#	1
22) Fluorene	15.90	166	4439	0.16	ng	#	54
23) 4-Chlorophenyl-phenylether	15.91	204	945	0.07	ng	#	1
28) Phenanthrene	17.63	178	1932	0.04	ng	#	74
29) Anthracene	17.72	178	1452	0.03	ng	#	79
30) Fluoranthene	19.63	202	20758	0.11	ng	#	67
32) Benzidine	19.79	184	163	0.20	ng	#	1
33) Pyrene	19.99	202	34193	0.20	ng	#	64
35) Benzo(a)anthracene	21.73	228	5758	0.11	ng	#	77
36) 3,3'-Dichlorobenzidine	21.79	252	60	0.03	ng	#	71
37) Chrysene	21.73	228	5581	0.09	ng	#	86
38) Bis(2-ethylhexyl)phthalate	21.64	149	10344	0.29	ng	#	100
41) Benzo(b)fluoranthene	23.42	252	1983	0.04	ng	#	1
42) Benzo(k)fluoranthene	23.42	252	1983	0.04	ng	#	1

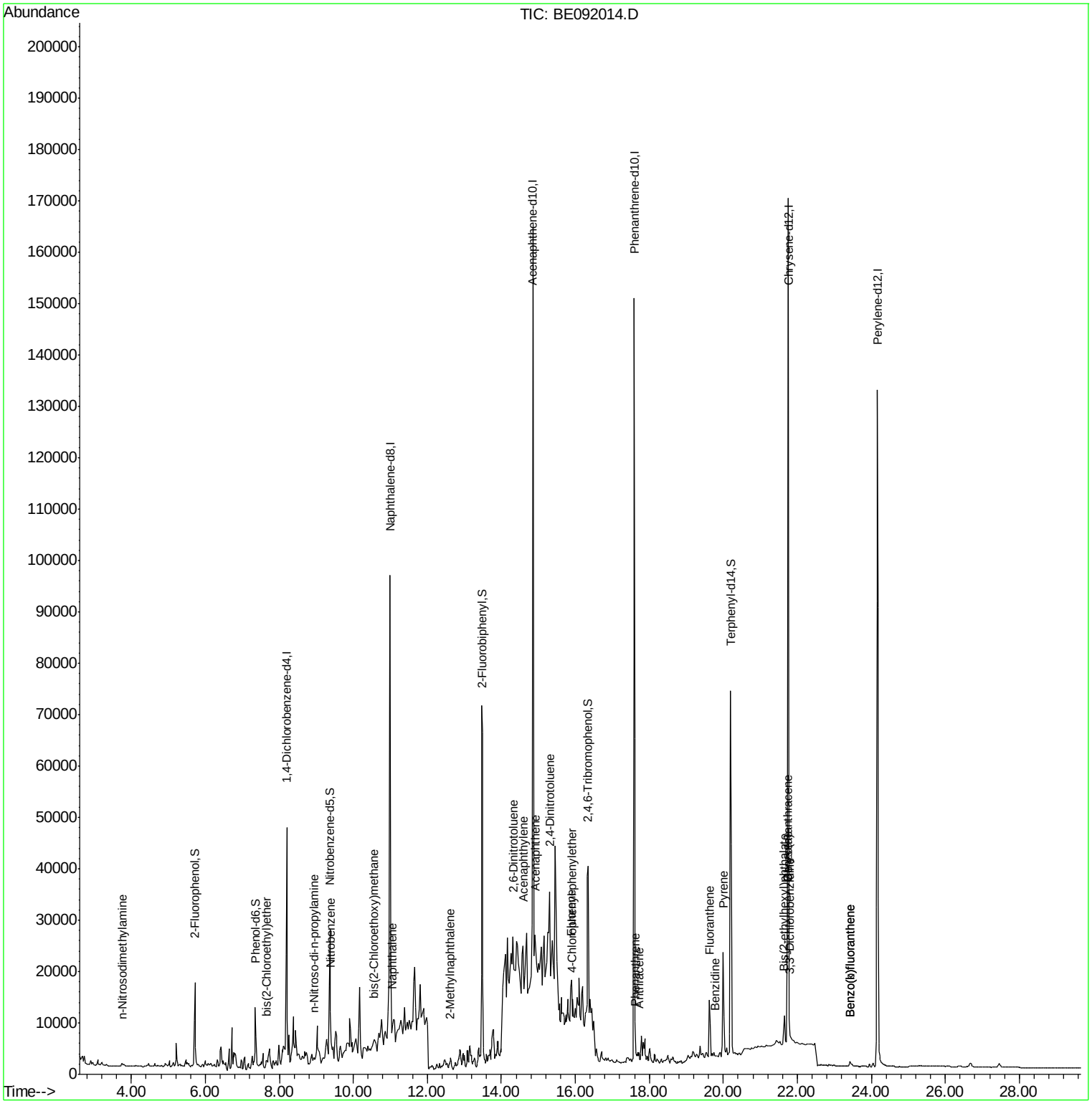
(#) = qualifier out of range (m) = manual integration (+) = signals summed

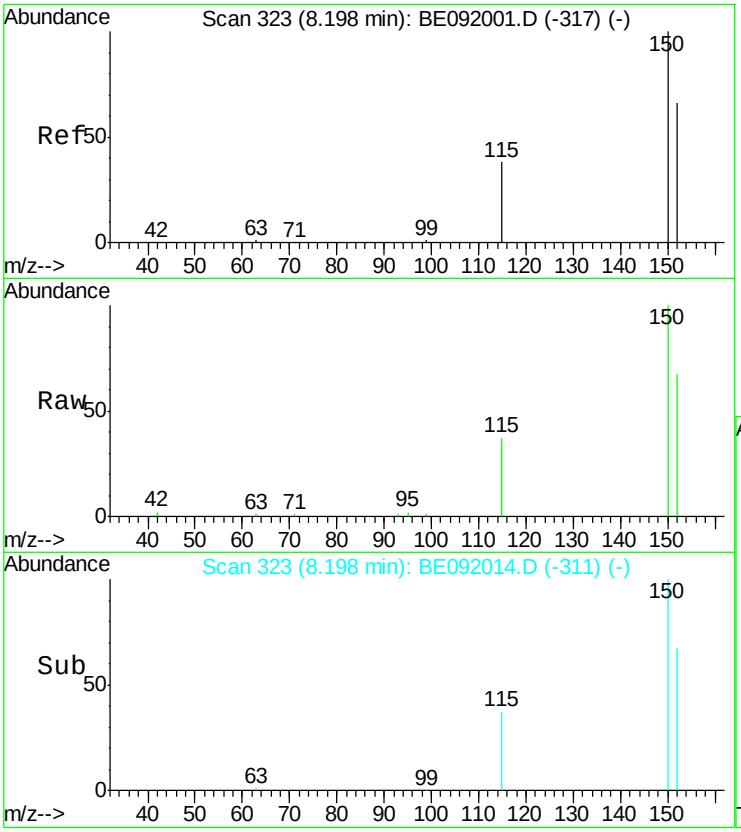
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092014.D
Acq On : 22 Jul 2016 20:07
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Quant Time: Jul 23 01:32:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
Response via : Initial Calibration



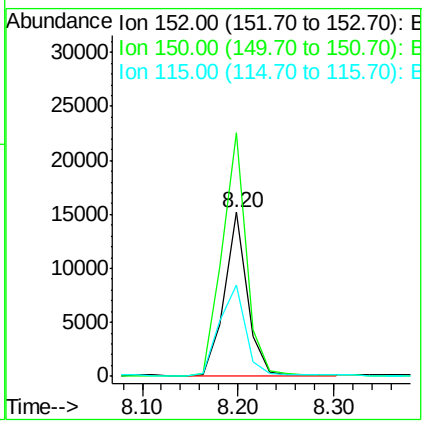


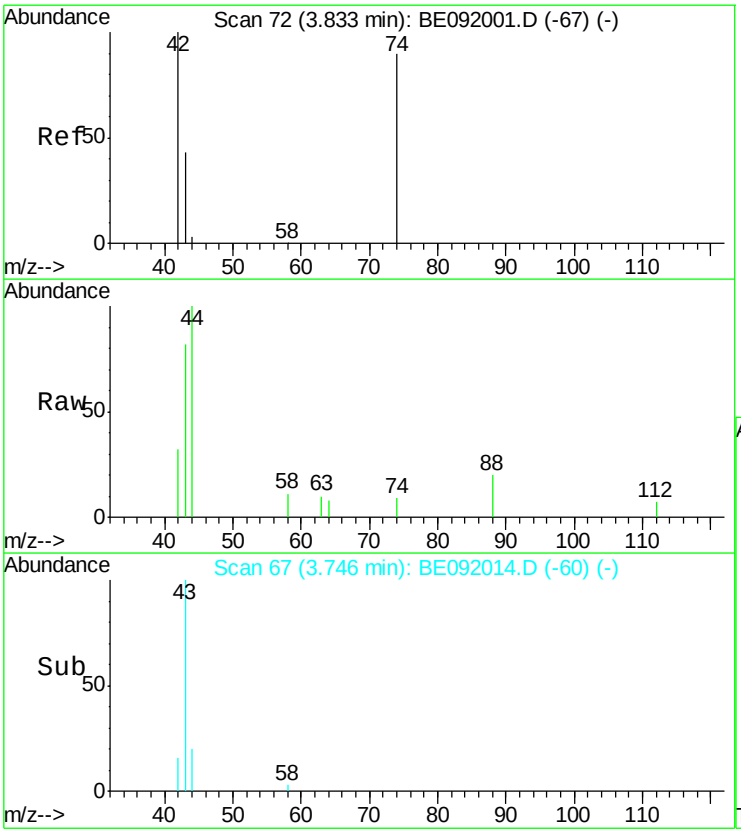
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:152 Resp: 25219

Ion	Ratio	Lower	Upper
152	100		
150	148.4	123.9	185.9
115	55.6	48.3	72.5

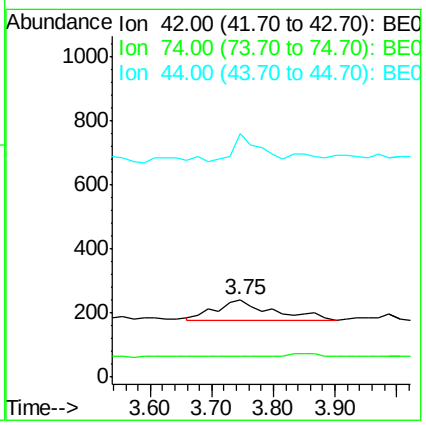


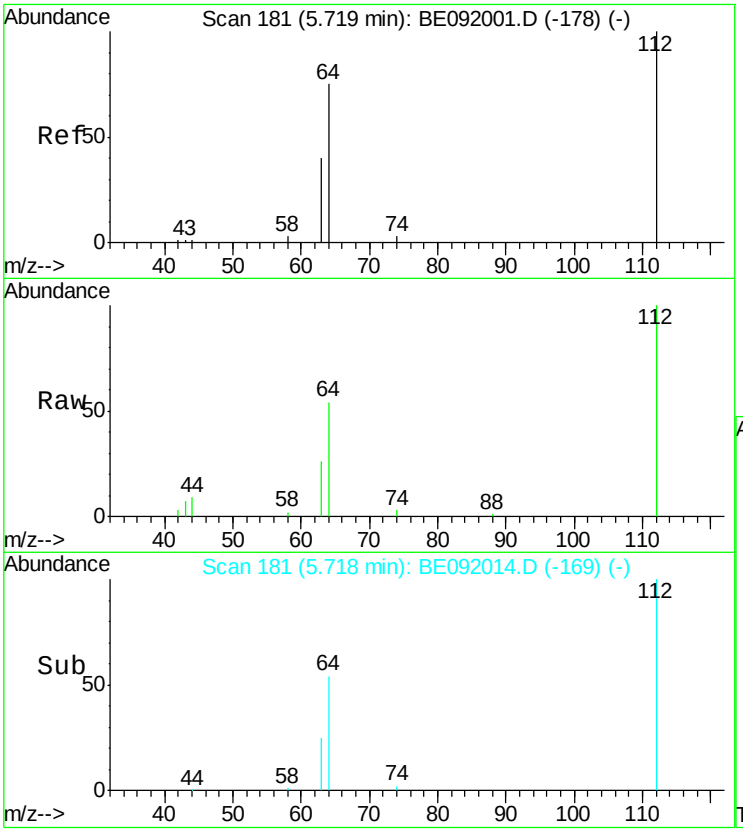


#3
n-Nitrosodimethylamine
Concen: 0.17 ng
RT: 3.75 min Scan# 67
Delta R.T. -0.09 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion: 42 Resp: 391

Ion	Ratio	Lower	Upper
42	100		
74	1.3	93.4	140.0#
44	63.2	5.0	7.6#



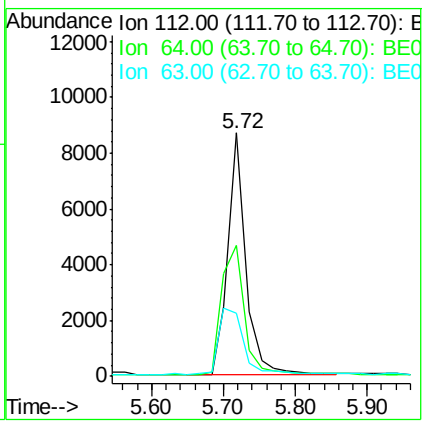


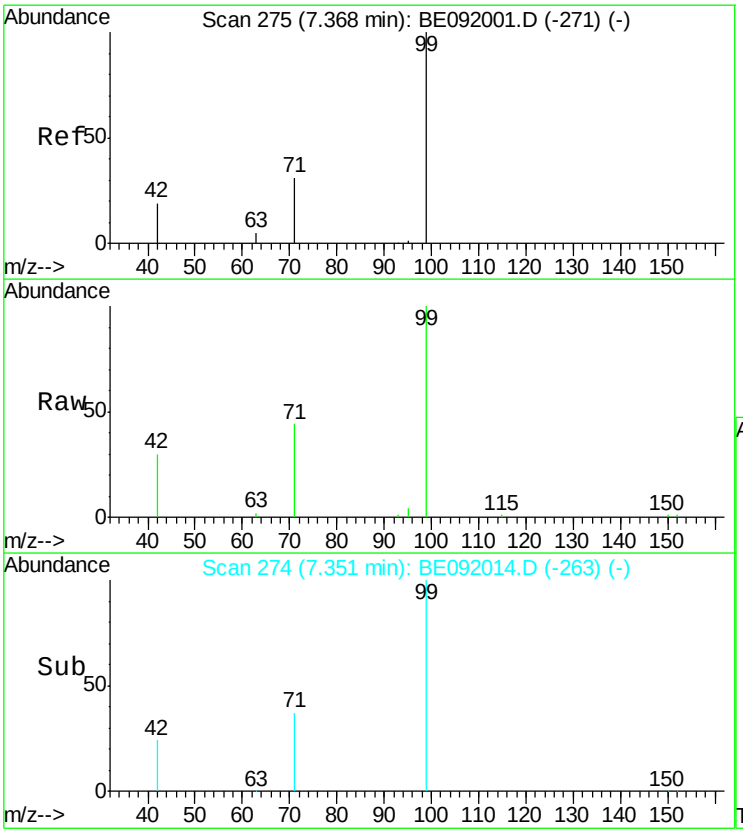
#4
2-Fluorophenol
Concen: 3.08 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:112 Resp: 15072

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.7	80.5
63	38.0	29.5	44.3

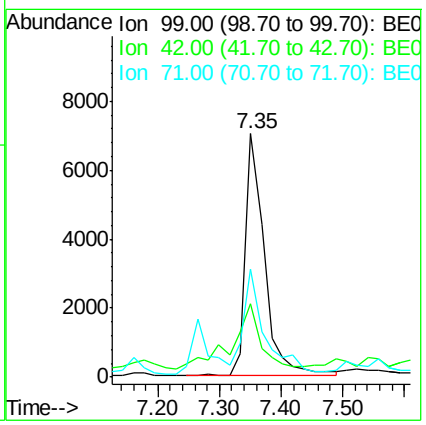


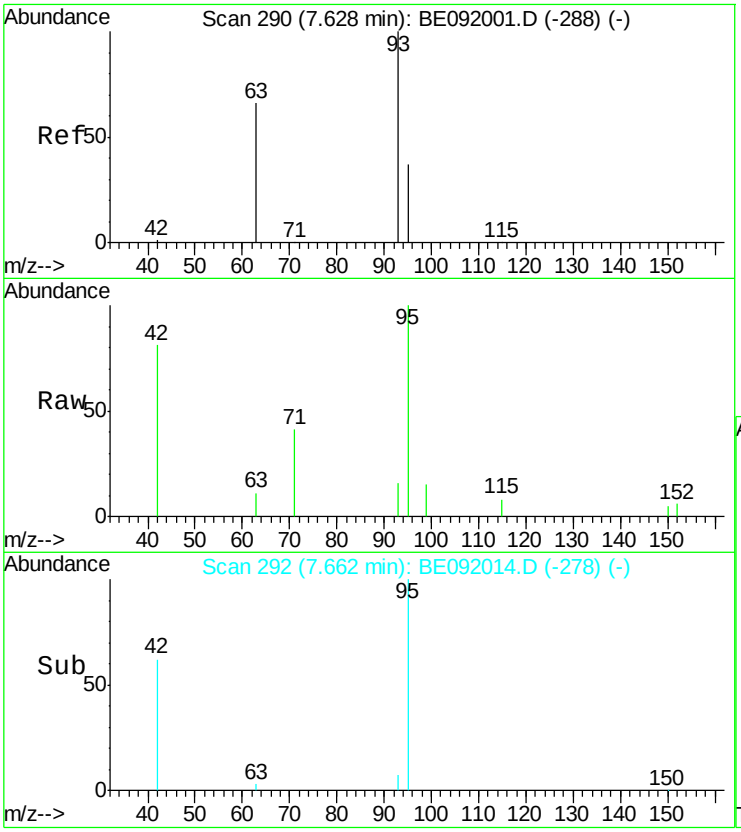


#5
Phenol-d6
Concen: 1.81 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion: 99 Resp: 14960

Ion	Ratio	Lower	Upper
99	100		
42	42.4	19.6	29.4#
71	47.1	28.1	42.1#



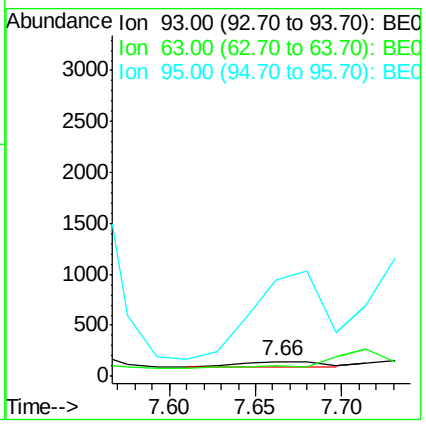


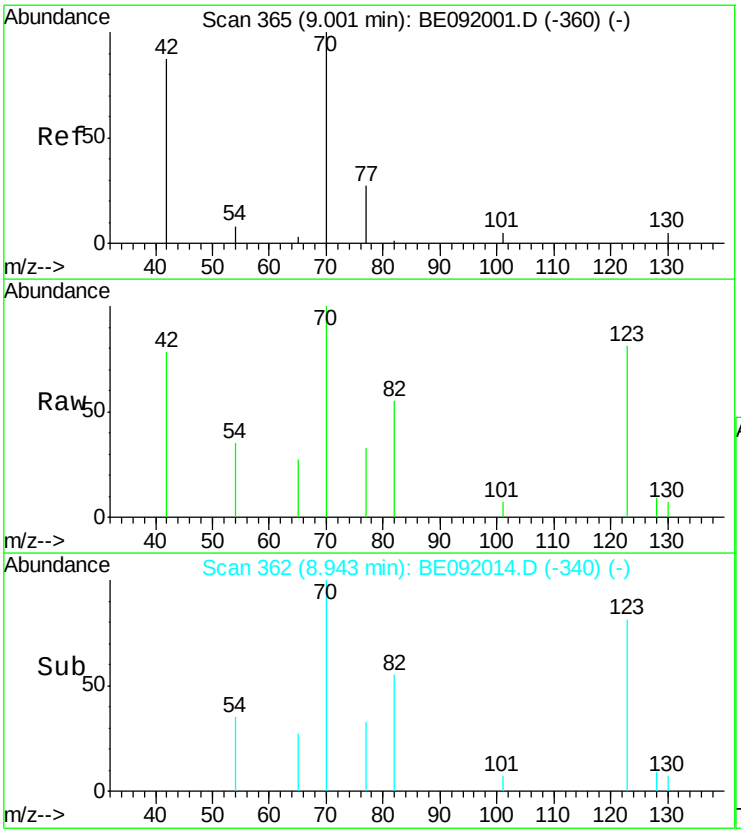
#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.66 min Scan# 292
Delta R.T. 0.03 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion: 93 Resp: 162

Ion	Ratio	Lower	Upper
93	100		
63	0.0	66.2	99.4#
95	1547.5	25.5	38.3#

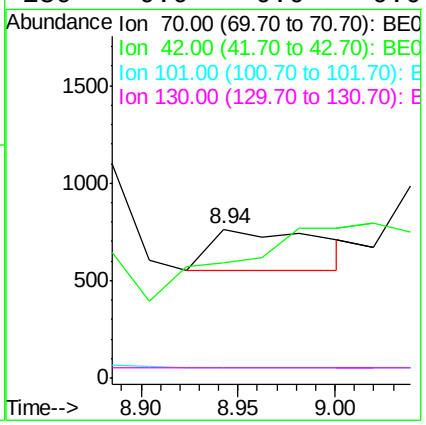


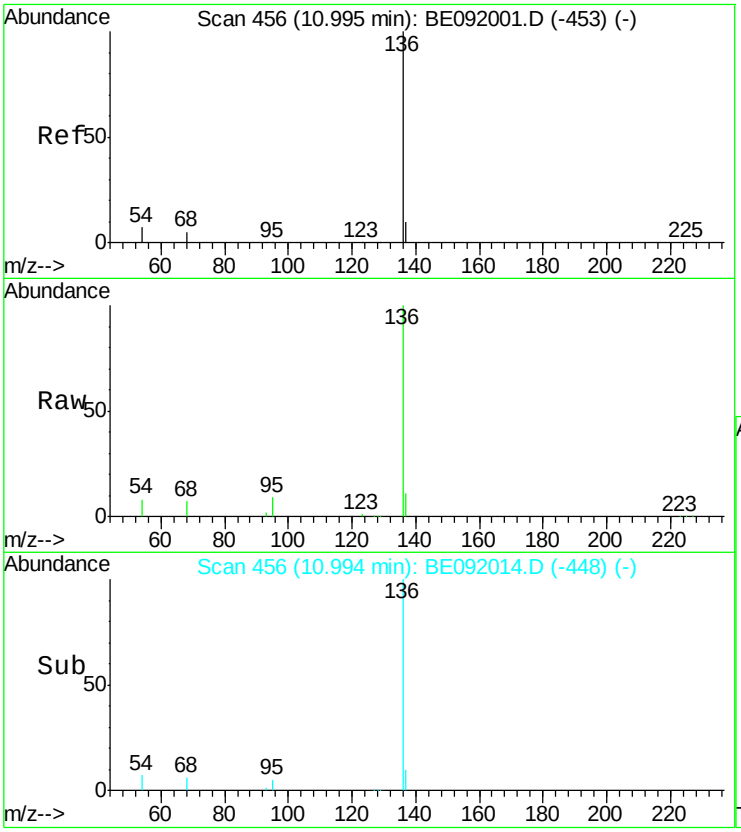


#7
n-Nitroso-di-n-propylamine
Concen: 0.14 ng
RT: 8.94 min Scan# 362
Delta R.T. -0.06 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion: 70 Resp: 851

Ion	Ratio	Lower	Upper
70	100		
42	0.0	58.4	87.6#
101	0.0	6.4	9.6#
130	0.0	0.0	0.0



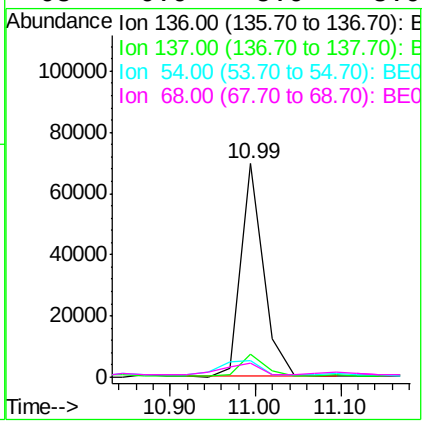


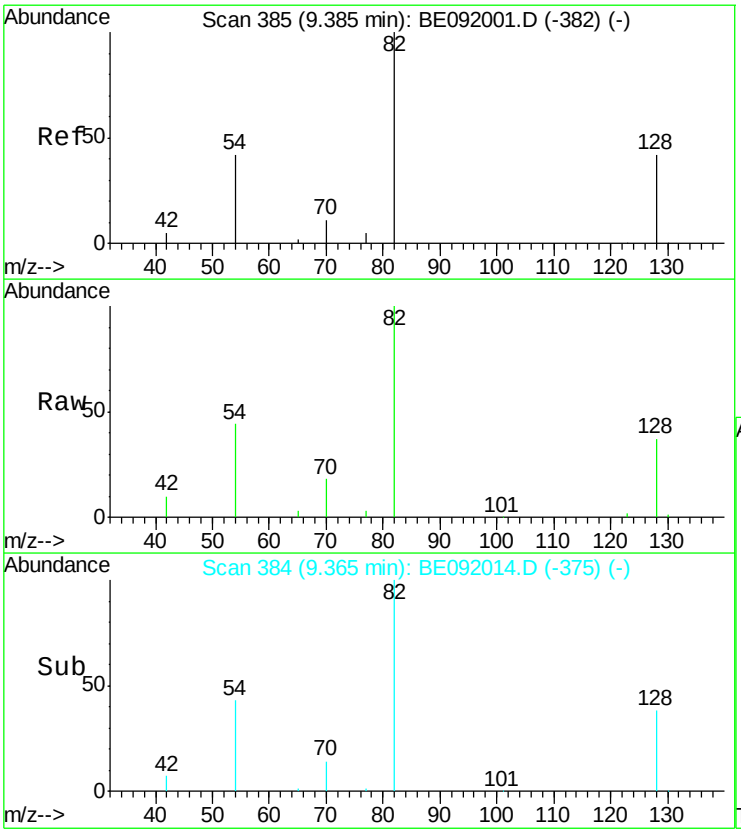
#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 456
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:136 Resp: 127435

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.3	12.5
54	7.8	8.2	12.4#
68	6.9	5.9	8.9

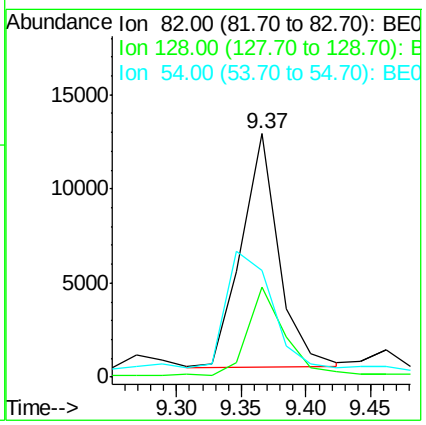


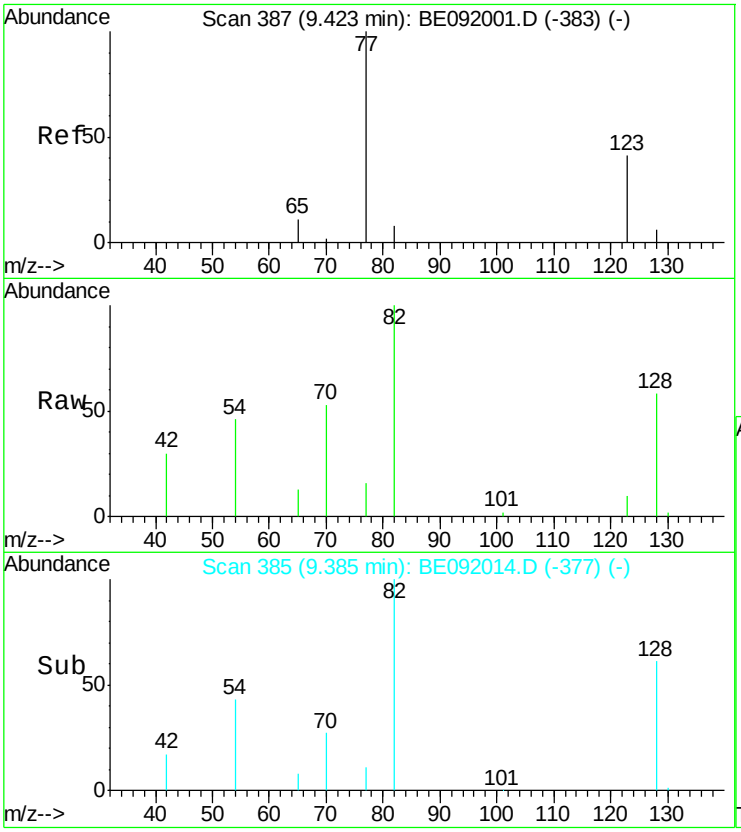


#9
Nitrobenzene-d5
Concen: 3.25 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion: 82 Resp: 24949

Ion	Ratio	Lower	Upper
82	100		
128	37.1	39.5	59.3#
54	43.7	30.3	45.5



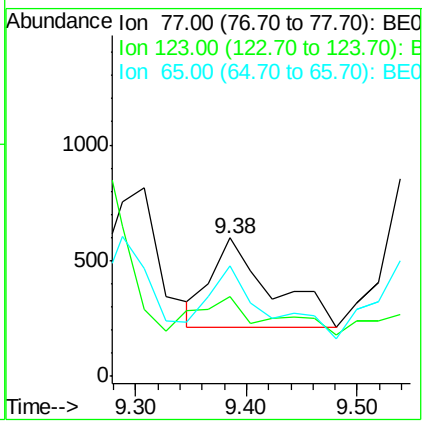


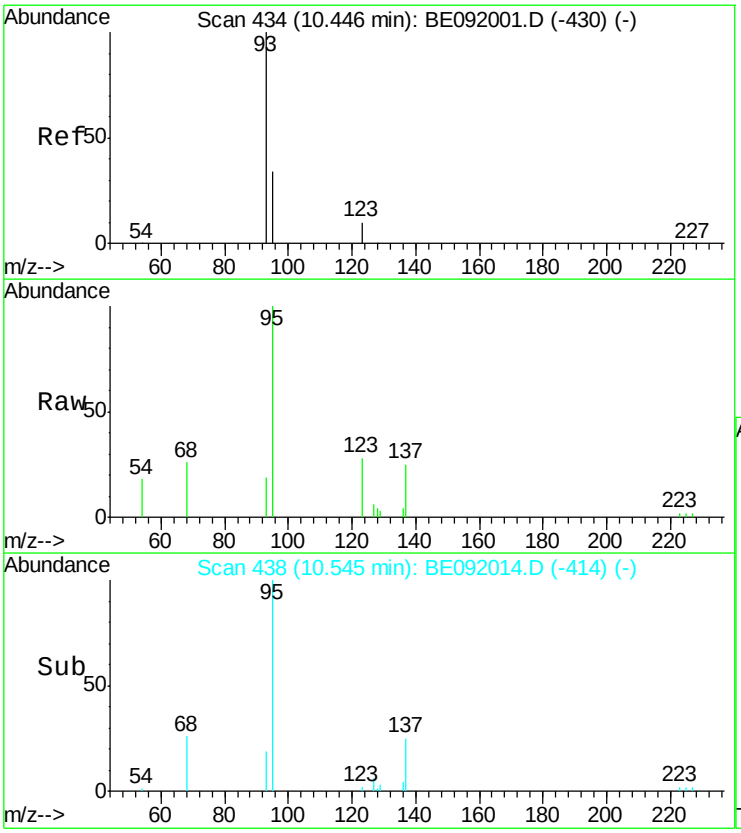
#10
Nitrobenzene
Concen: 0.26 ng
RT: 9.38 min Scan# 385
Delta R.T. -0.04 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion: 77 Resp: 1463

Ion	Ratio	Lower	Upper
77	100		
123	51.5	0.0	0.0#
65	75.3	11.1	16.7#

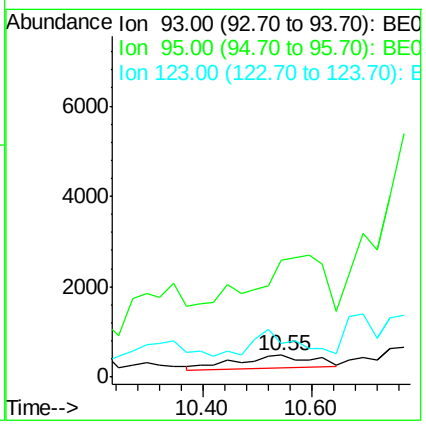


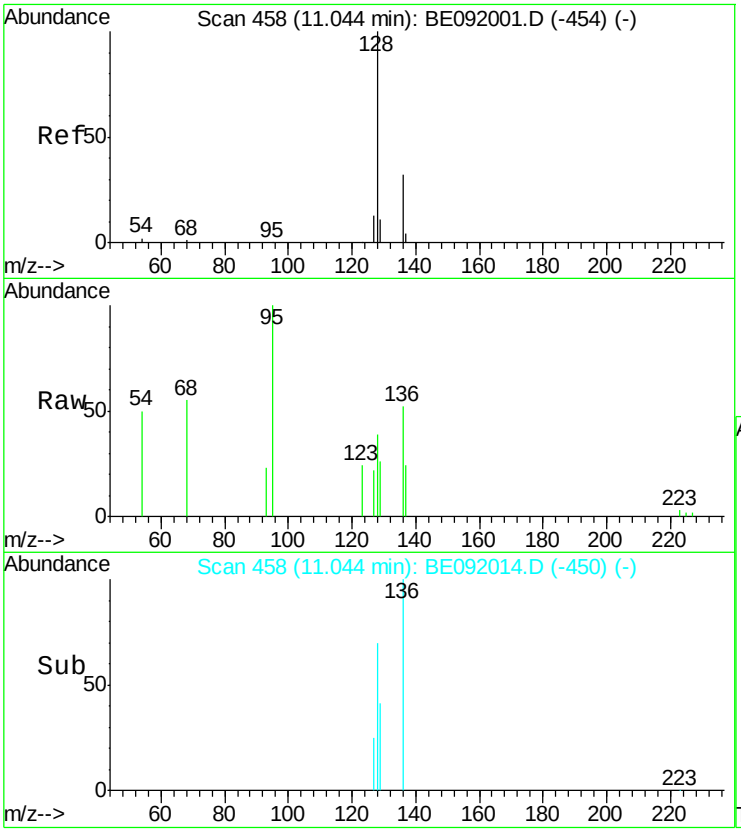


#11
bis(2-Chloroethoxy)methane
Concen: 0.29 ng
RT: 10.55 min Scan# 438
Delta R.T. 0.10 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion: 93 Resp: 2786

Ion	Ratio	Lower	Upper
93	100		
95	0.0	57.6	86.4#
123	0.0	100.2	150.4#



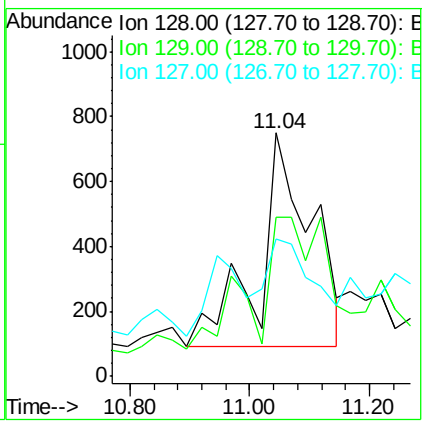


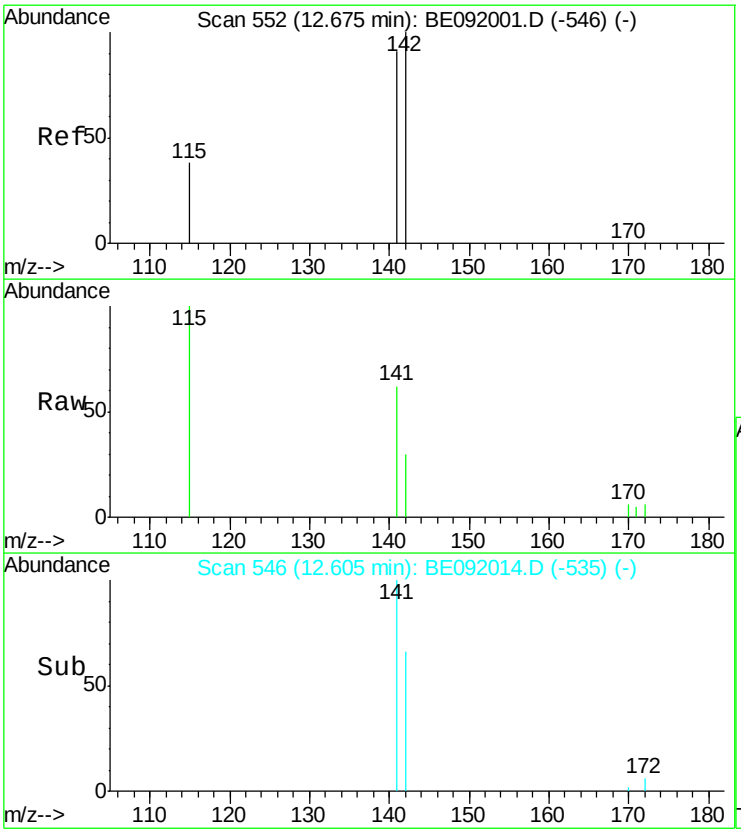
#12
Naphthalene
Concen: 0.14 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:128 Resp: 4058

Ion	Ratio	Lower	Upper
128	100		
129	65.2	10.4	15.6#
127	56.5	10.2	15.2#

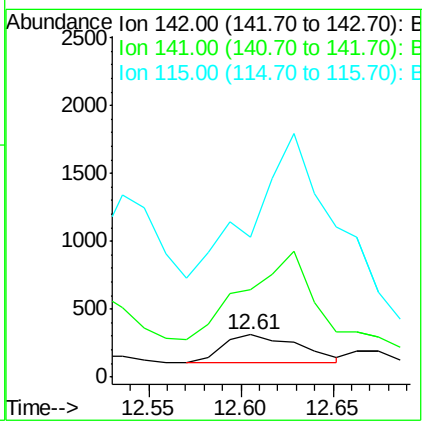


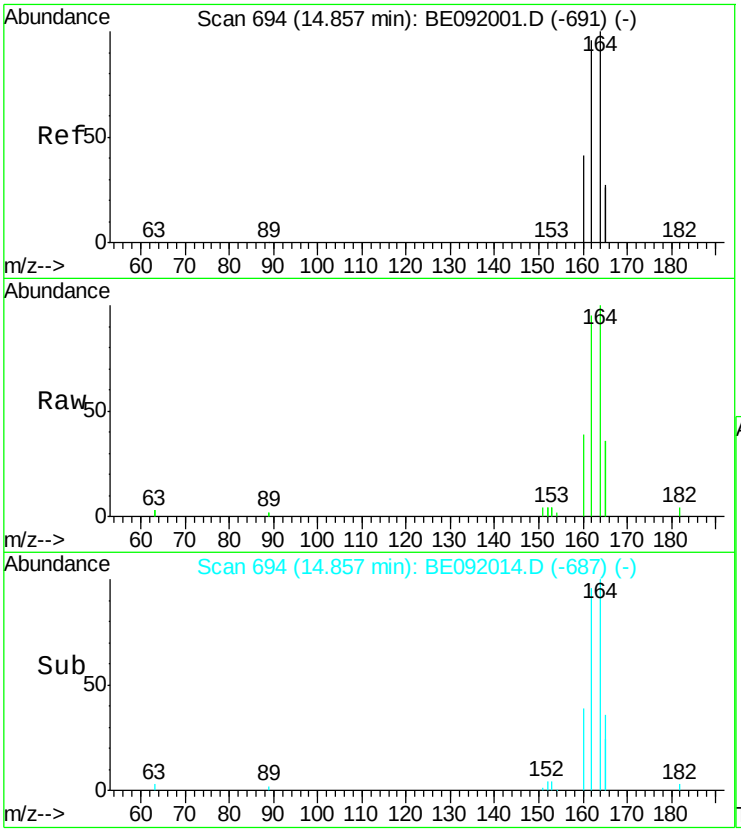


#14
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.61 min Scan# 546
Delta R.T. -0.07 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:142 Resp: 606

Ion	Ratio	Lower	Upper
142	100		
141	207.1	71.9	107.9#
115	331.5	29.9	44.9#



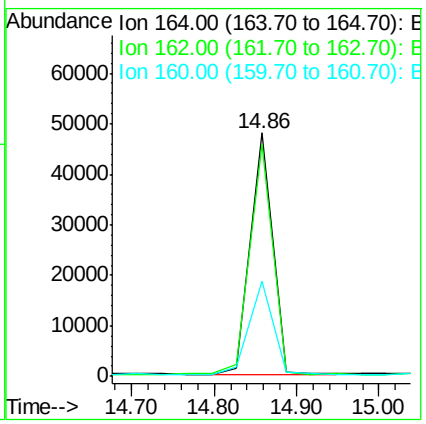


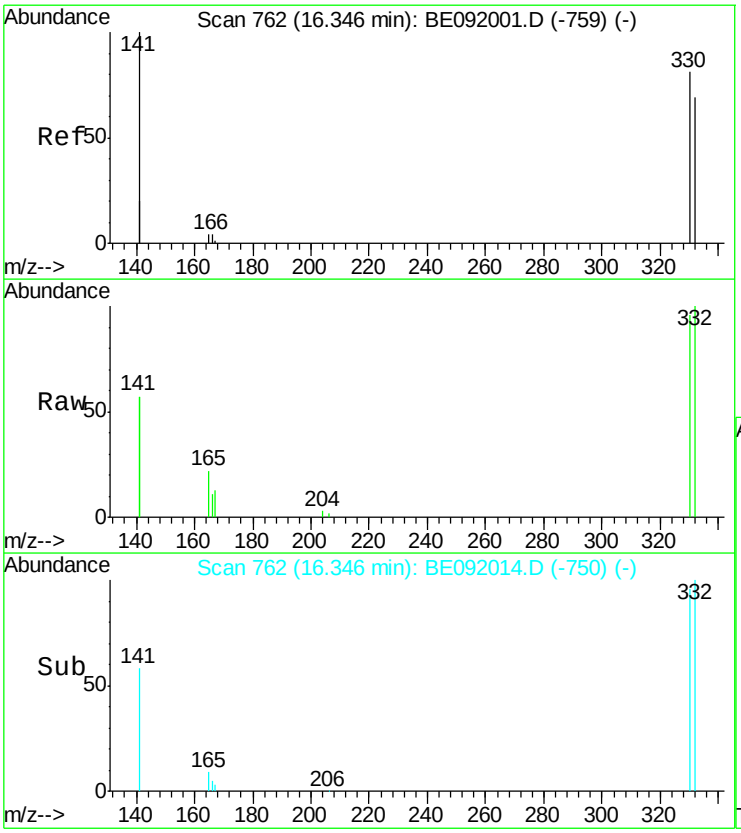
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:164 Resp: 89708

Ion	Ratio	Lower	Upper
164	100		
162	95.4	71.8	107.8
160	39.2	28.0	42.0

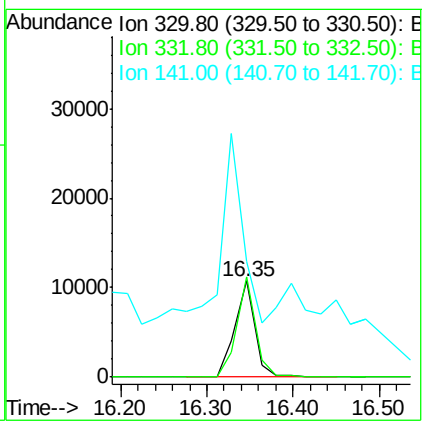


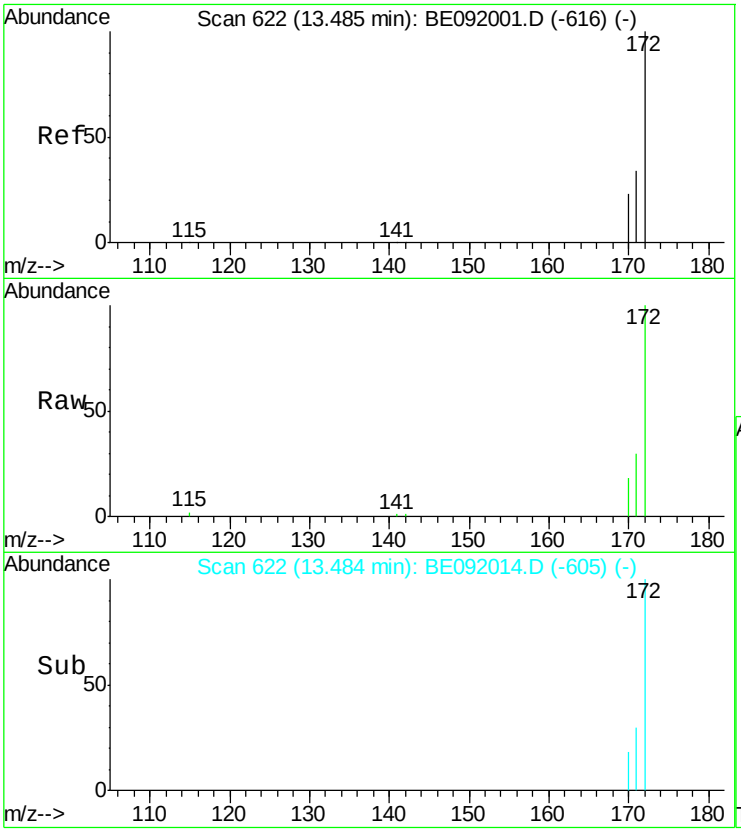


#16
2,4,6-Tribromophenol
Concen: 5.53 ng
RT: 16.35 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:330 Resp: 17042

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	197.2	138.4	207.6



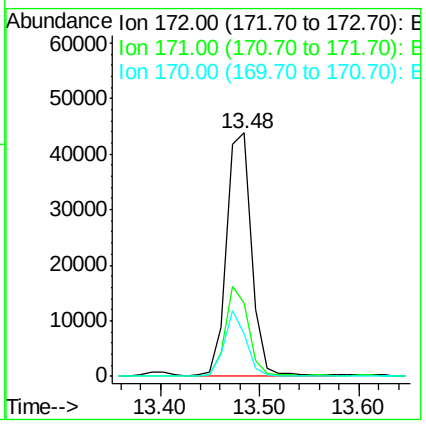


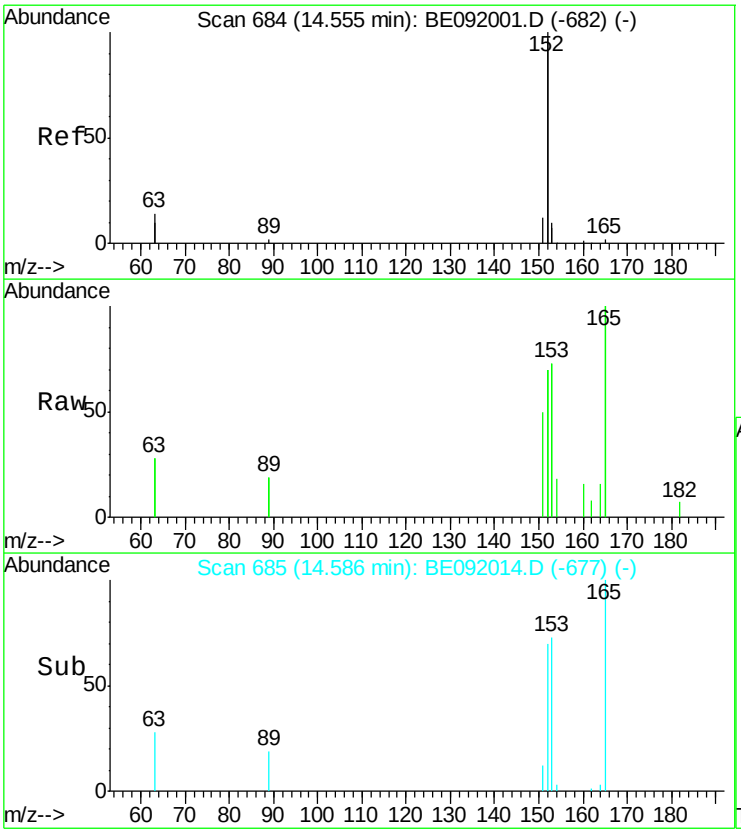
#17
2-Fluorobiphenyl
Concen: 3.22 ng
RT: 13.48 min Scan# 622
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:172 Resp: 75845

Ion	Ratio	Lower	Upper
172	100		
171	30.0	24.3	36.5
170	17.7	14.9	22.3

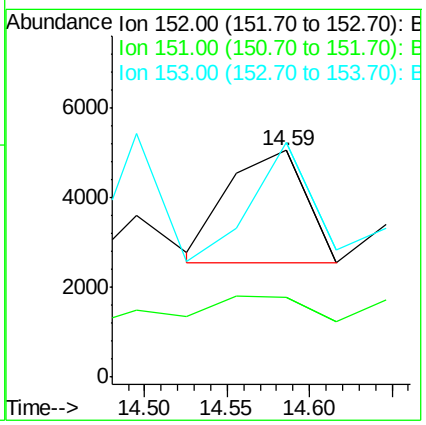


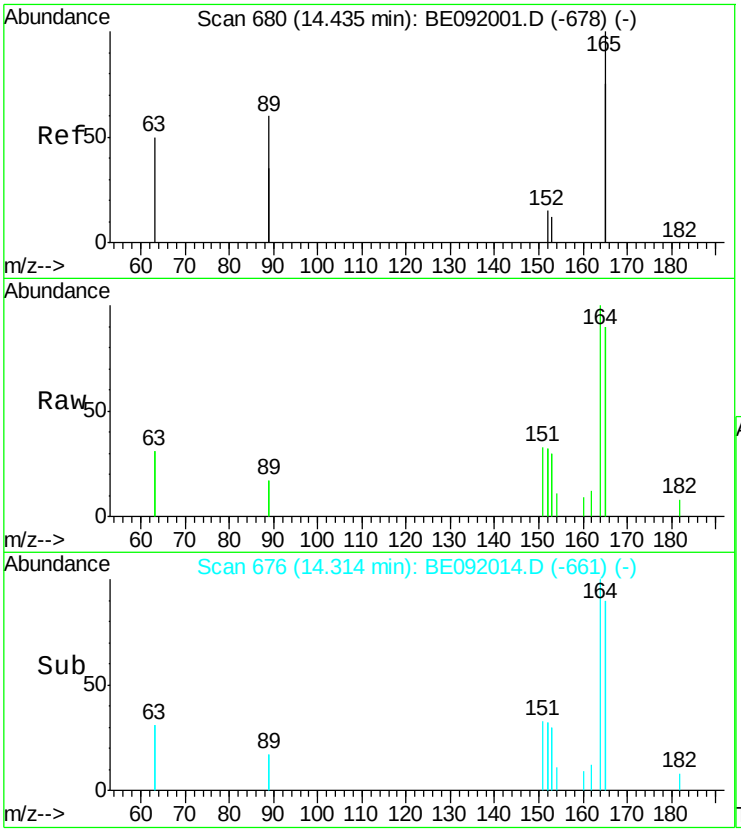


#18
Acenaphthylene
Concen: 0.06 ng
RT: 14.59 min Scan# 685
Delta R.T. 0.03 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:152 Resp: 8072

Ion	Ratio	Lower	Upper
152	100		
151	0.0	19.4	29.2#
153	54.0	14.4	21.6#



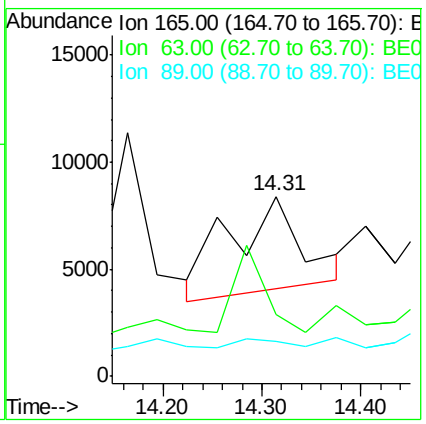


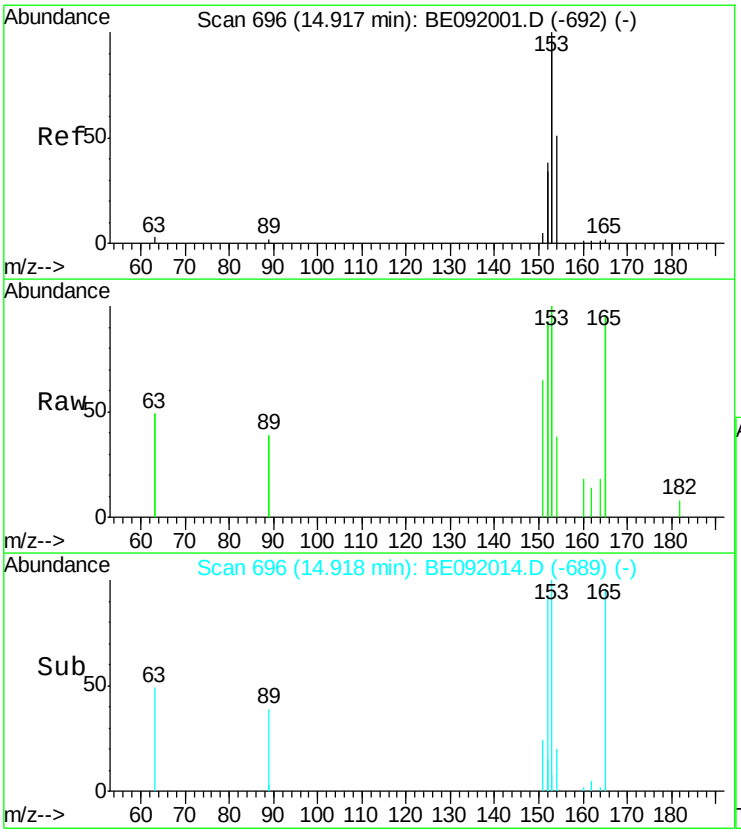
#19
2,6-Dinitrotoluene
Concen: 1.02 ng
RT: 14.31 min Scan# 676
Delta R.T. -0.12 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:165 Resp: 22696

Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	0.0	59.1	88.7#

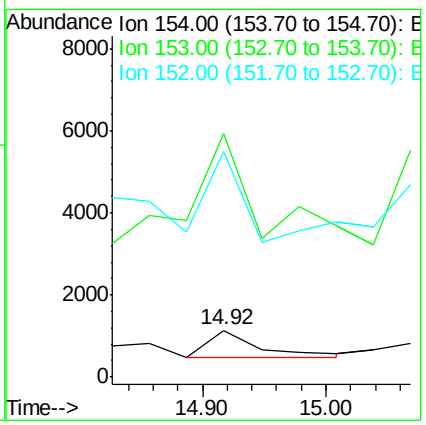


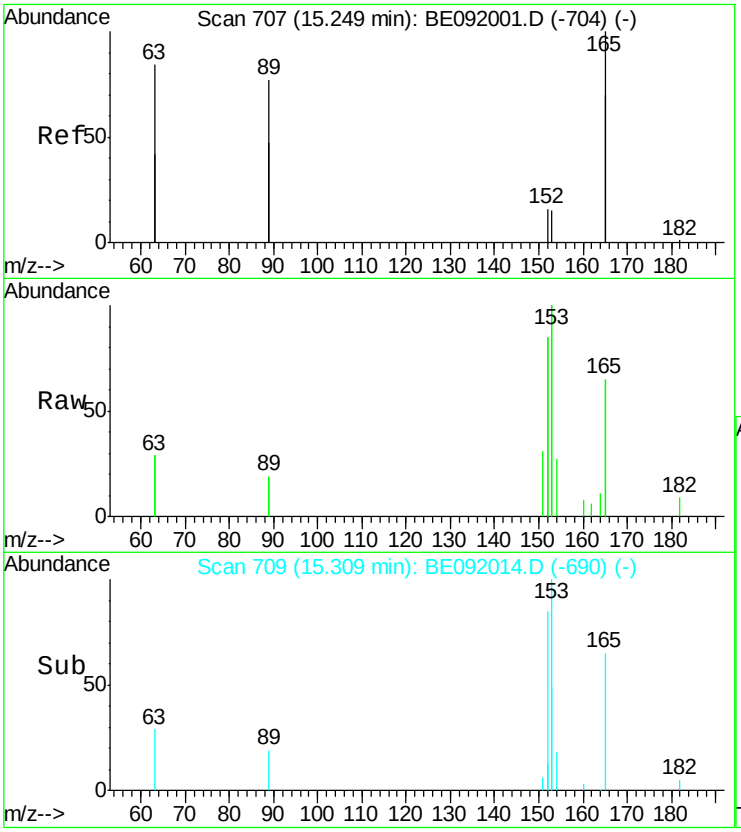


#20
Acenaphthene
Concen: 0.08 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:154 Resp: 1856

Ion	Ratio	Lower	Upper
154	100		
153	1077.3	88.1	132.1#
152	0.0	44.2	66.2#



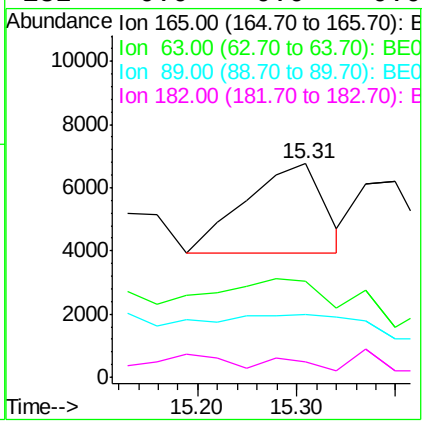


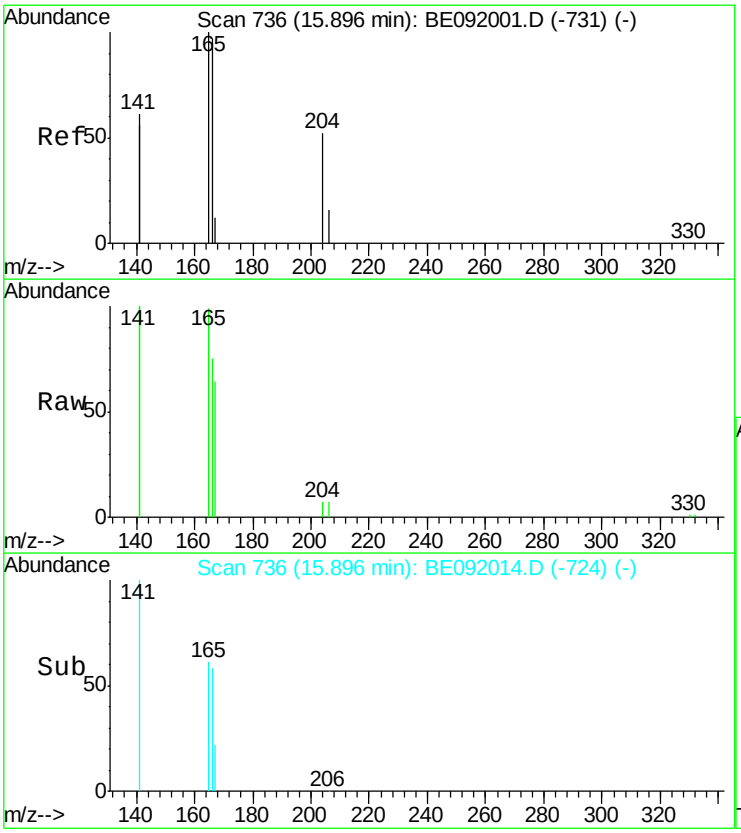
#21
2,4-Dinitrotoluene
Concen: 0.99 ng
RT: 15.31 min Scan# 709
Delta R.T. 0.06 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:165 Resp: 15731

Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	0.0	0.0	0.0

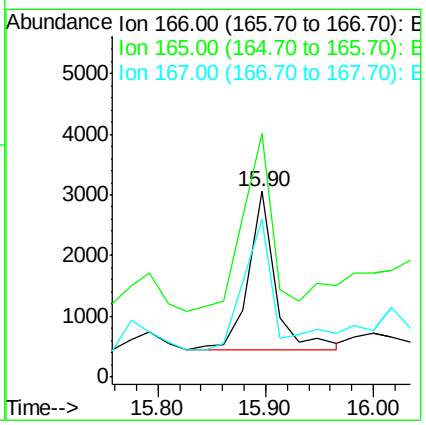


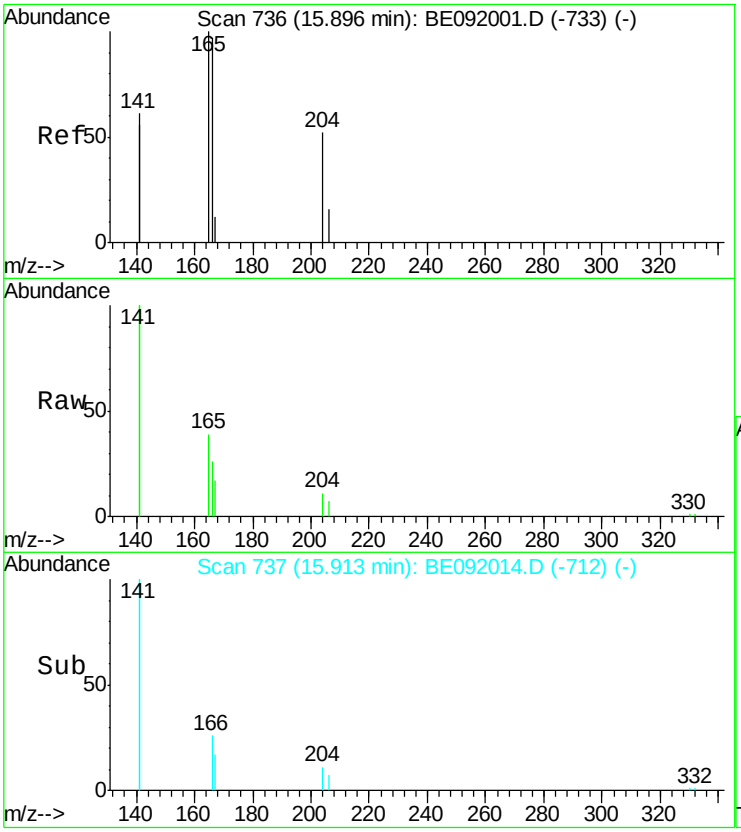


#22
Fluorene
Concen: 0.16 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:166 Resp: 4439

Ion	Ratio	Lower	Upper
166	100		
165	124.0	78.6	117.8#
167	90.0	10.8	16.2#



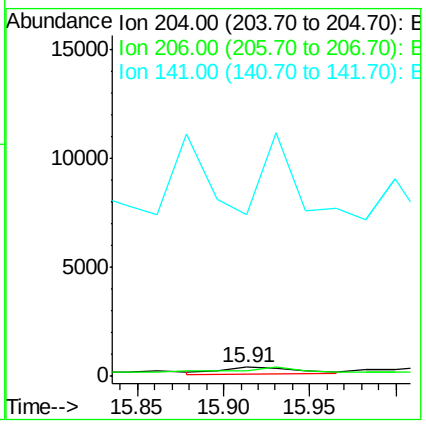


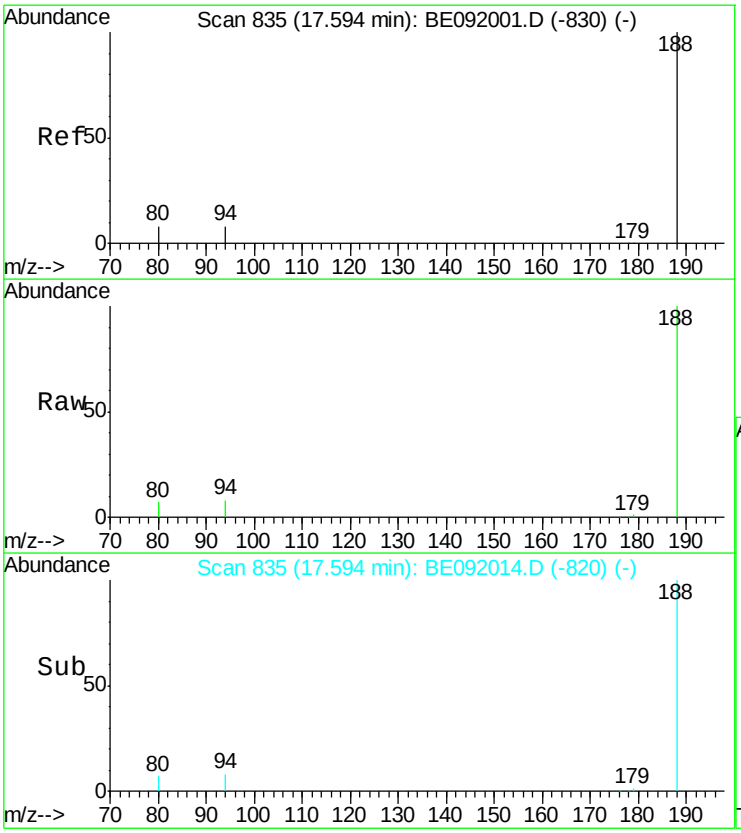
#23
4-Chlorophenyl-phenylether
Concen: 0.07 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:204 Resp: 945

Ion	Ratio	Lower	Upper
204	100		
206	71.3	27.8	41.6#
141	0.0	197.6	296.4#

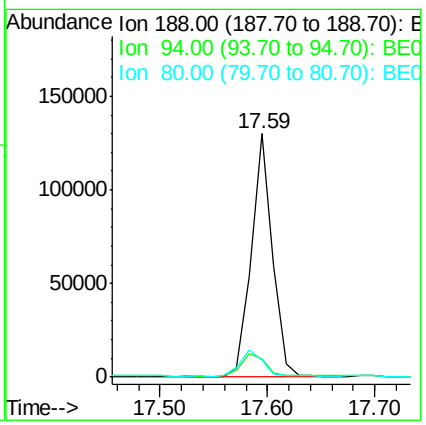


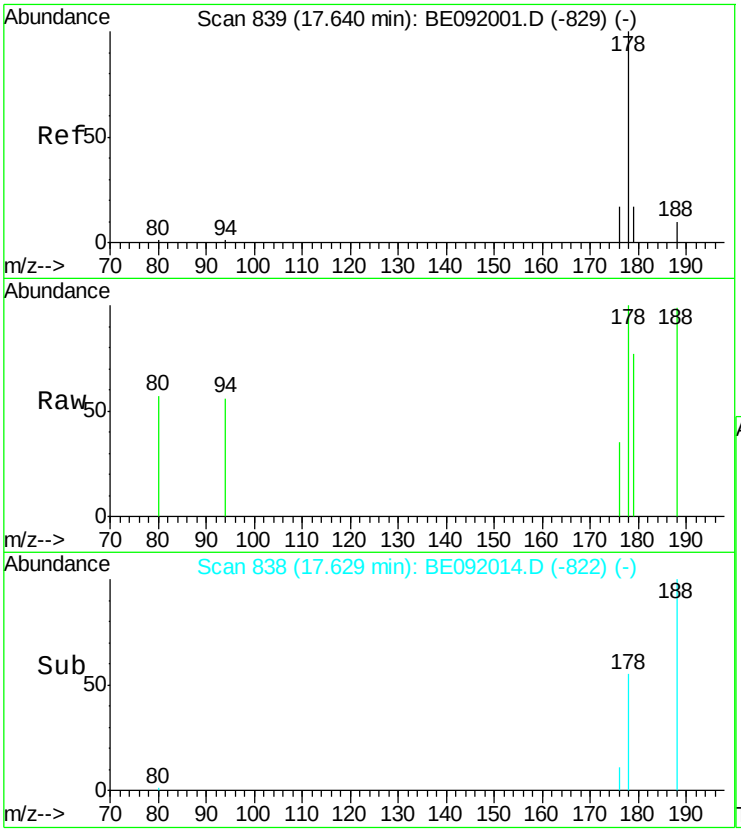


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:188 Resp: 177768

Ion	Ratio	Lower	Upper
188	100		
94	7.8	4.1	6.1#
80	7.0	3.4	5.2#



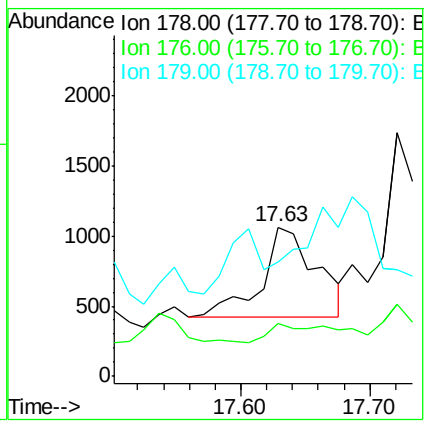


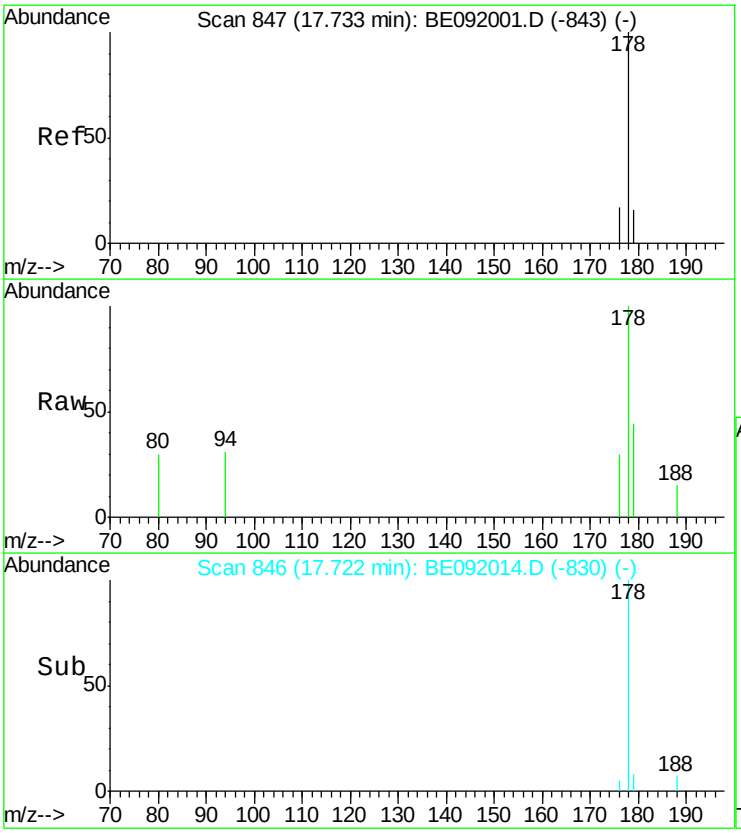
#28
Phenanthrene
Concen: 0.04 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:178 Resp: 1932

Ion	Ratio	Lower	Upper
178	100		
176	11.7	15.4	23.2#
179	0.0	12.9	19.3#

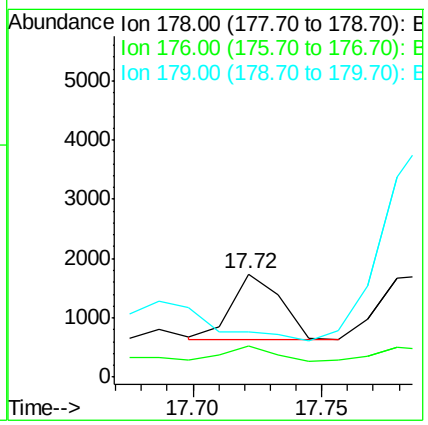


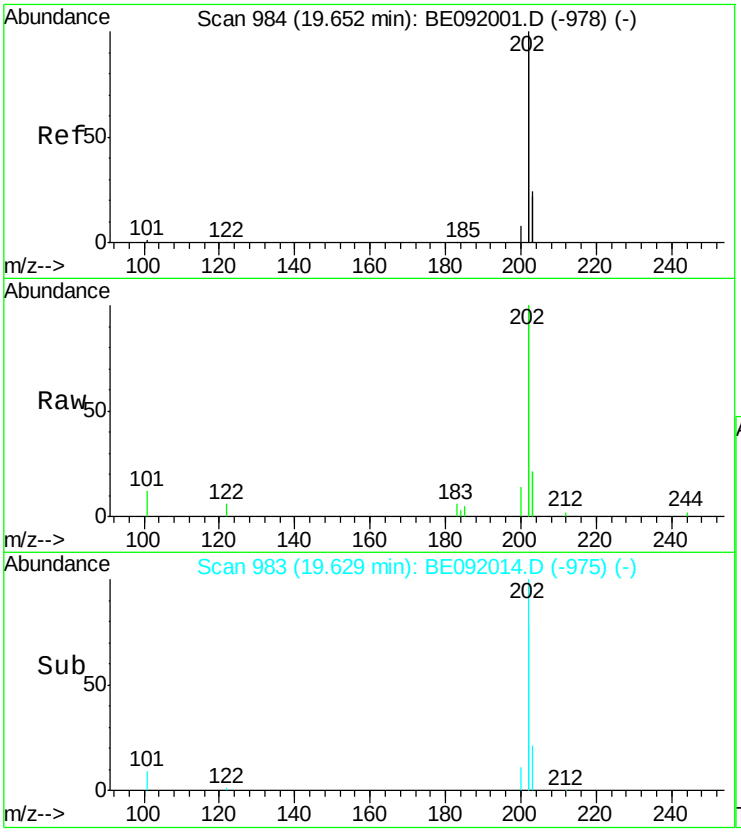


#29
Anthracene
Concen: 0.03 ng
RT: 17.72 min Scan# 846
Delta R.T. -0.01 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:178 Resp: 1452

Ion	Ratio	Lower	Upper
178	100		
176	22.6	15.1	22.7
179	0.0	12.1	18.1#



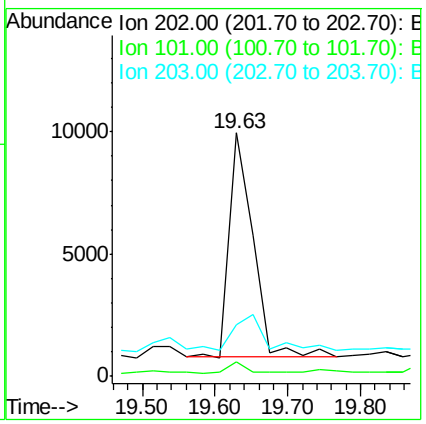


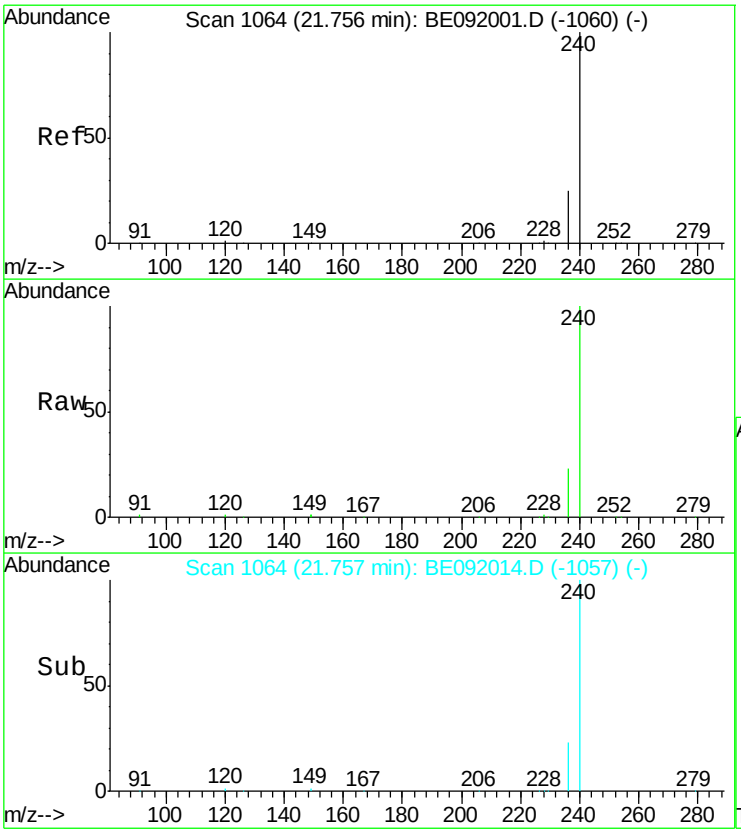
#30
Fluoranthene
Concen: 0.11 ng
RT: 19.63 min Scan# 983
Delta R.T. -0.02 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:202 Resp: 20758

Ion	Ratio	Lower	Upper
202	100		
101	3.8	9.4	14.0#
203	0.0	14.3	21.5#

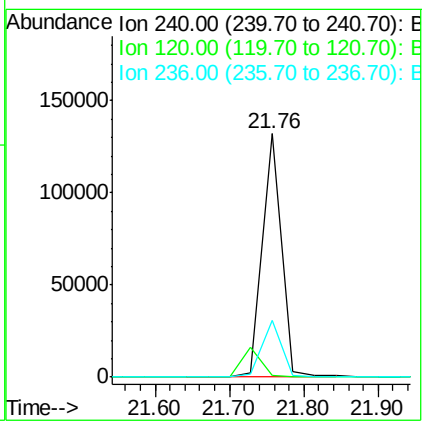


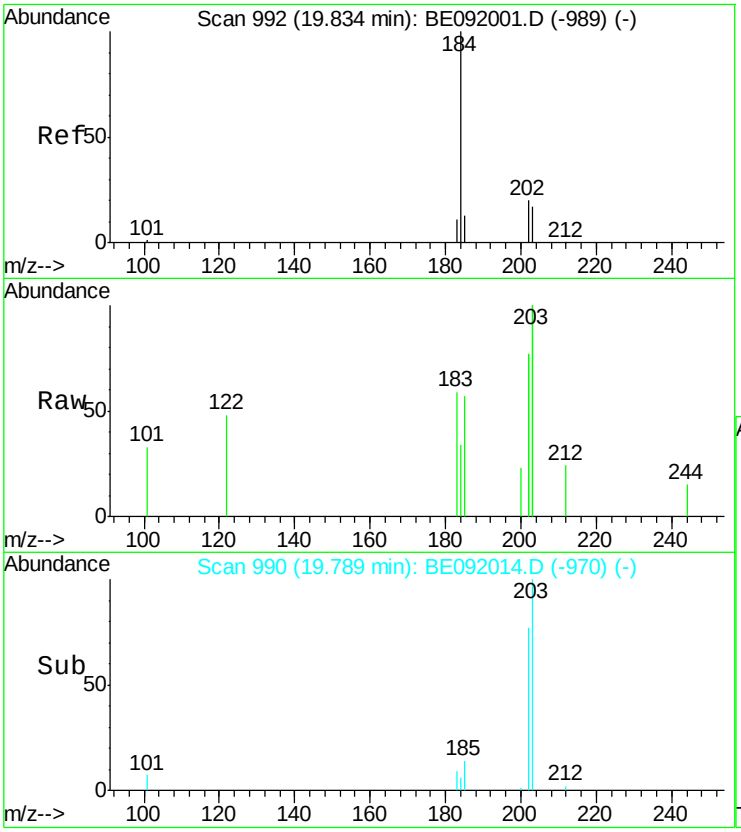


#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:240 Resp: 238418

Ion	Ratio	Lower	Upper
240	100		
120	0.9	1.2	1.8#
236	23.1	19.8	29.8



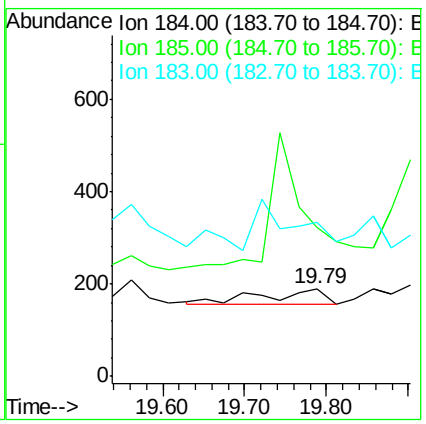


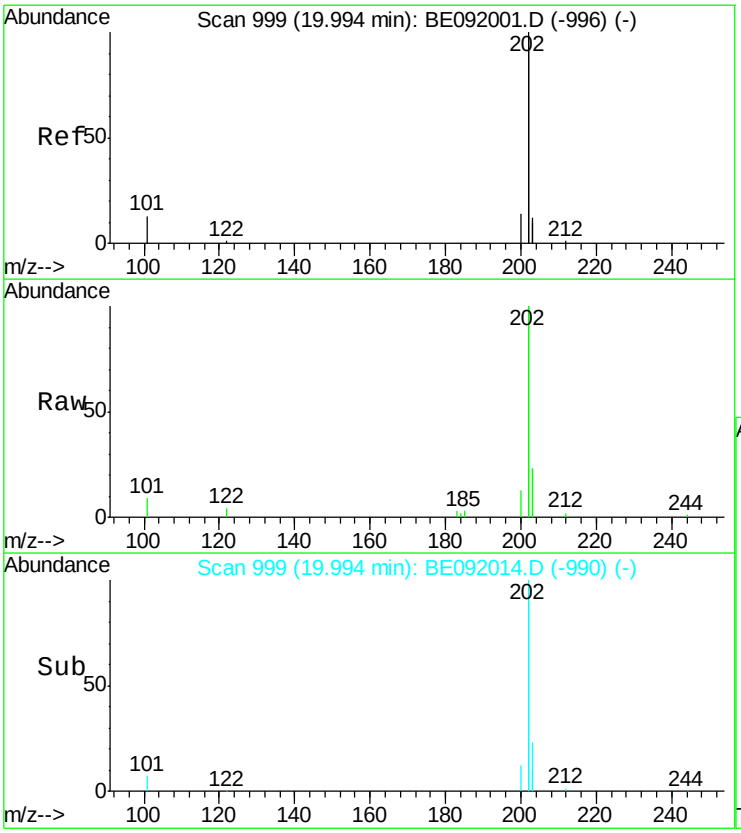
#32
Benzidine
Concen: 0.20 ng
RT: 19.79 min Scan# 990
Delta R.T. -0.05 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:184 Resp: 163

Ion	Ratio	Lower	Upper
184	100		
185	169.5	11.4	17.2#
183	175.3	11.8	17.6#

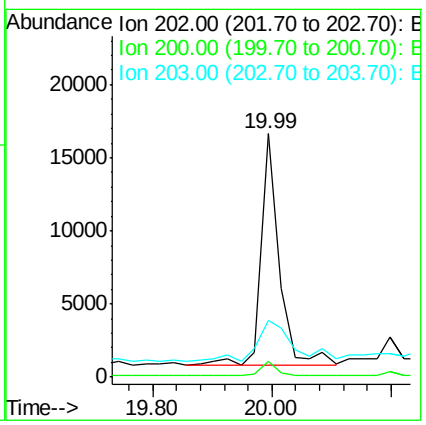


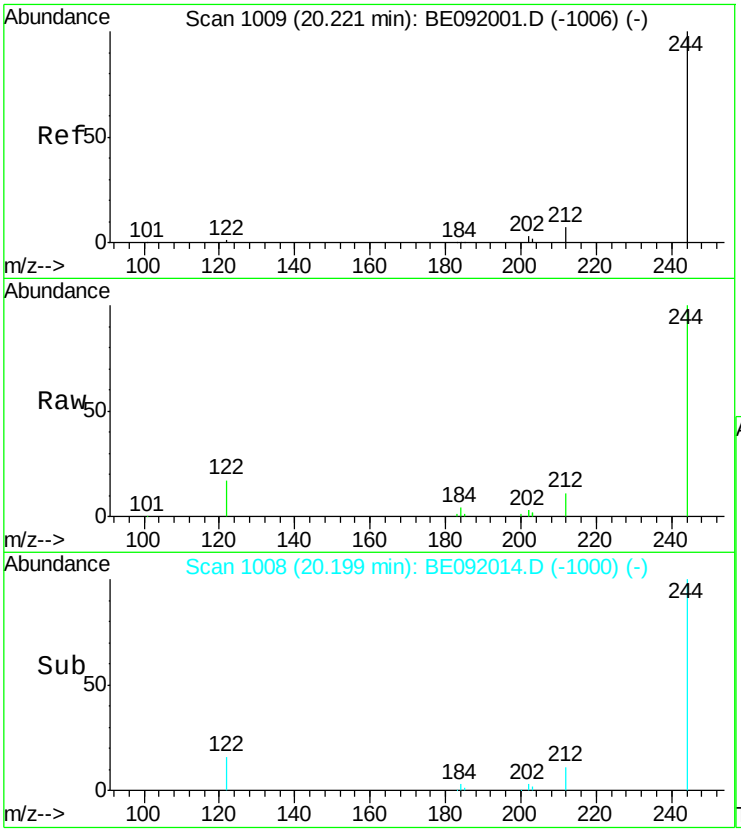


#33
Pyrene
Concen: 0.20 ng
RT: 19.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:202 Resp: 34193

Ion	Ratio	Lower	Upper
202	100		
200	5.4	16.9	25.3#
203	34.5	14.1	21.1#



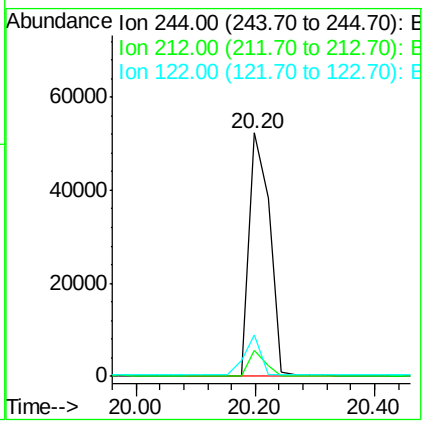


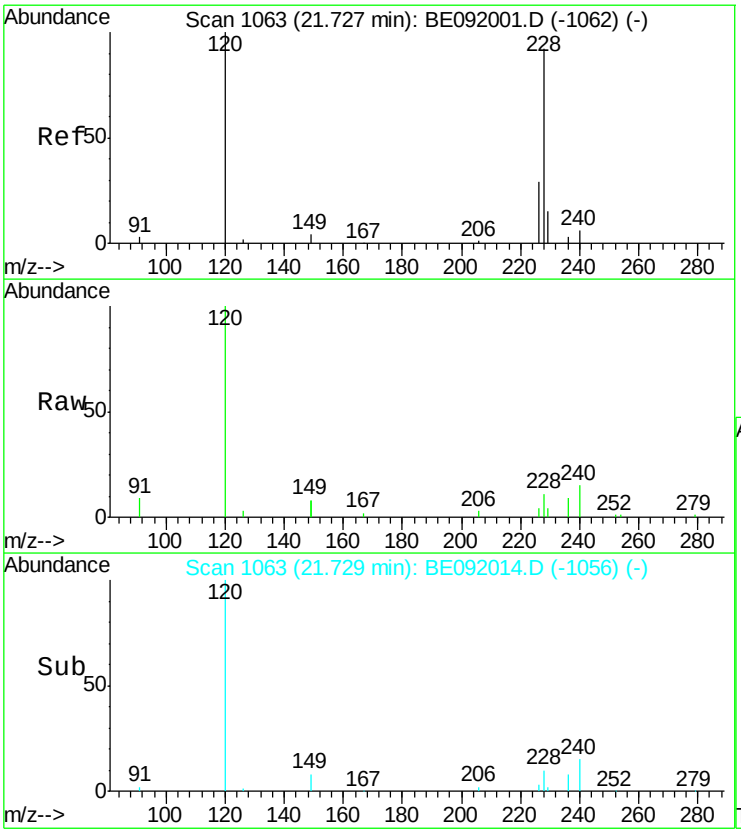
#34
Terphenyl-d14
Concen: 5.27 ng
RT: 20.20 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:244 Resp: 126114

Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.5	9.7#
122	17.0	2.9	4.3#

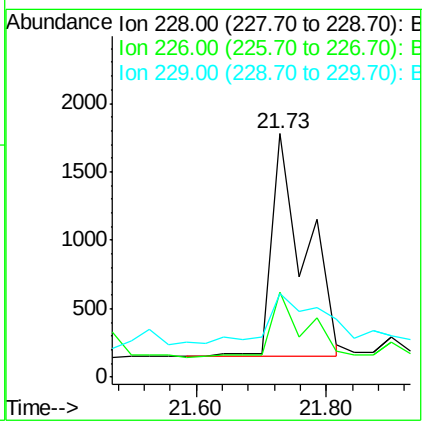


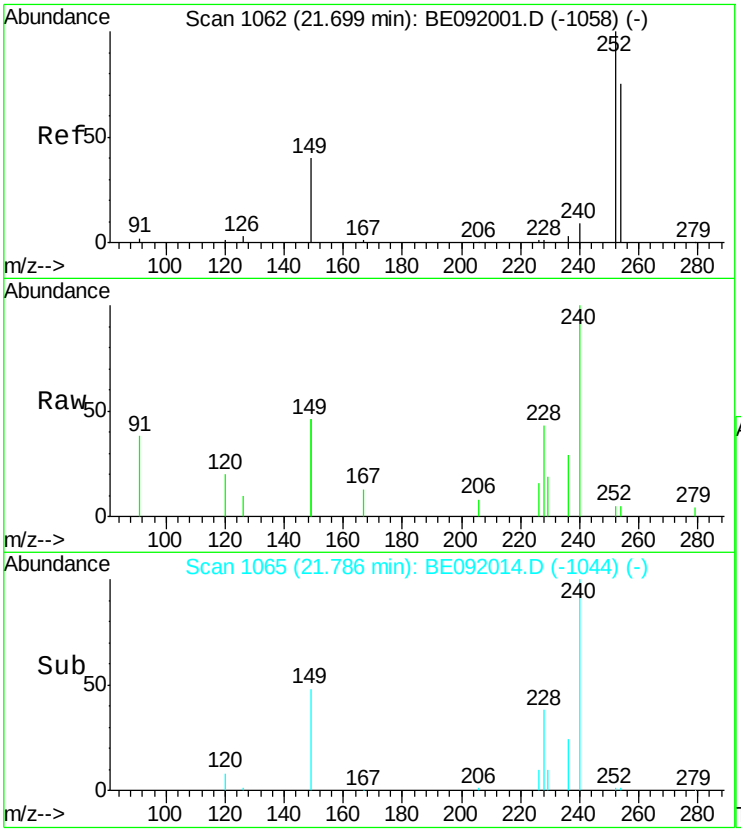


#35
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.73 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:228 Resp: 5758

Ion	Ratio	Lower	Upper
228	100		
226	34.8	21.0	31.4#
229	34.5	15.8	23.8#



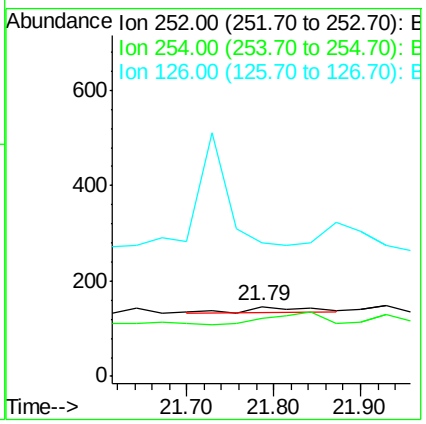


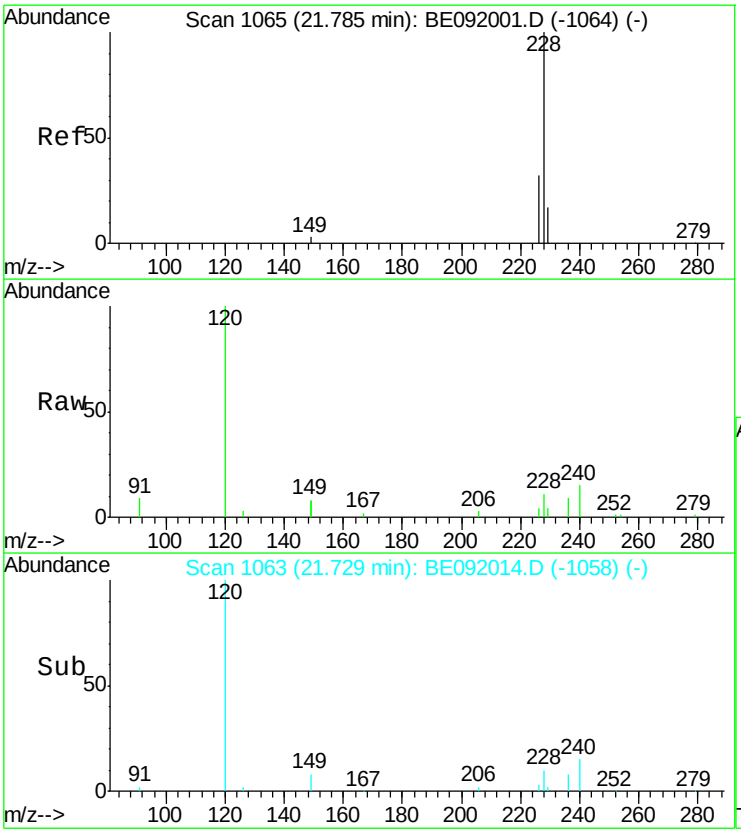
#36
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 21.79 min Scan# 1065
Delta R.T. 0.09 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:252 Resp: 60

Ion	Ratio	Lower	Upper
252	100		
254	83.0	61.5	92.3
126	189.8	2.5	3.7#

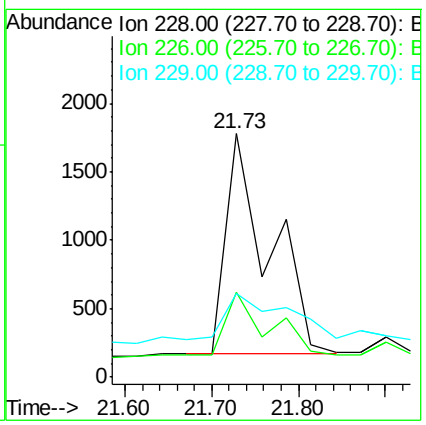


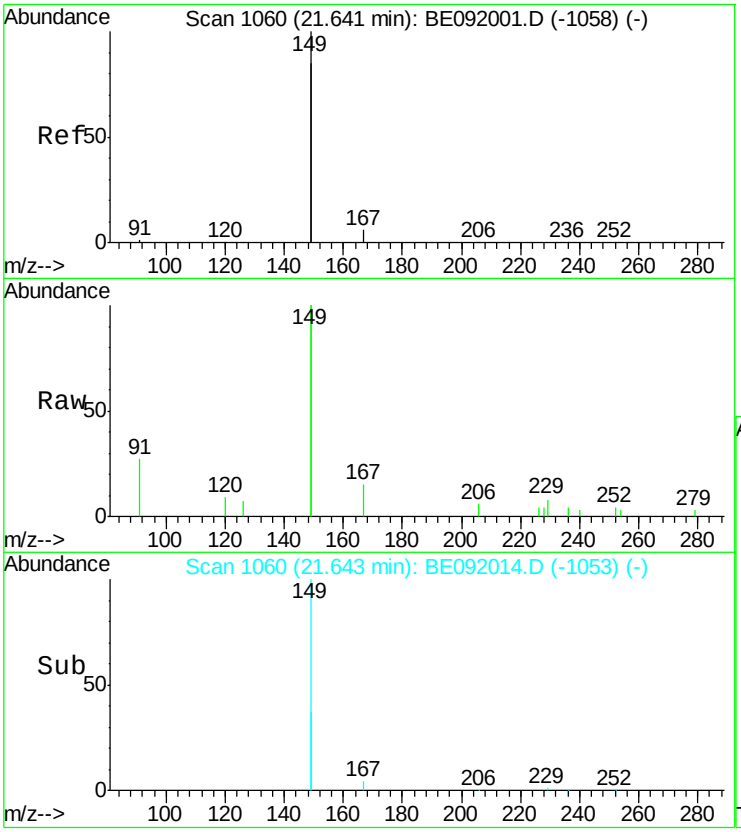


#37
Chrysene
Concen: 0.09 ng
RT: 21.73 min Scan# 1063
Delta R.T. -0.06 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:228 Resp: 5581

Ion	Ratio	Lower	Upper
228	100		
226	34.8	27.0	40.6
229	34.5	13.8	20.8#



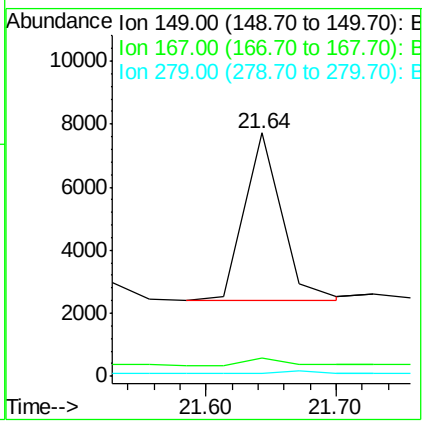


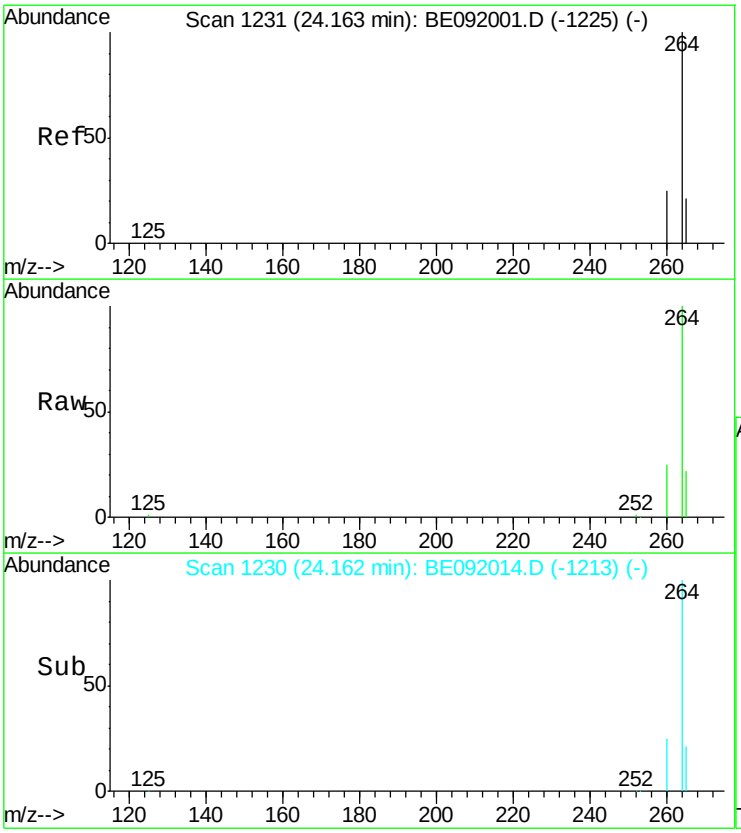
#38
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.64 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:149 Resp: 10344

Ion	Ratio	Lower	Upper
149	100		
167	4.6	0.0	0.0#
279	0.0	0.0	0.0

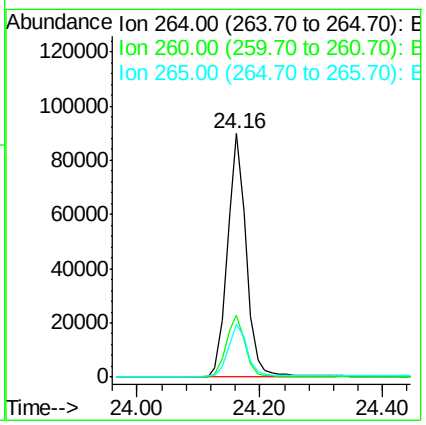


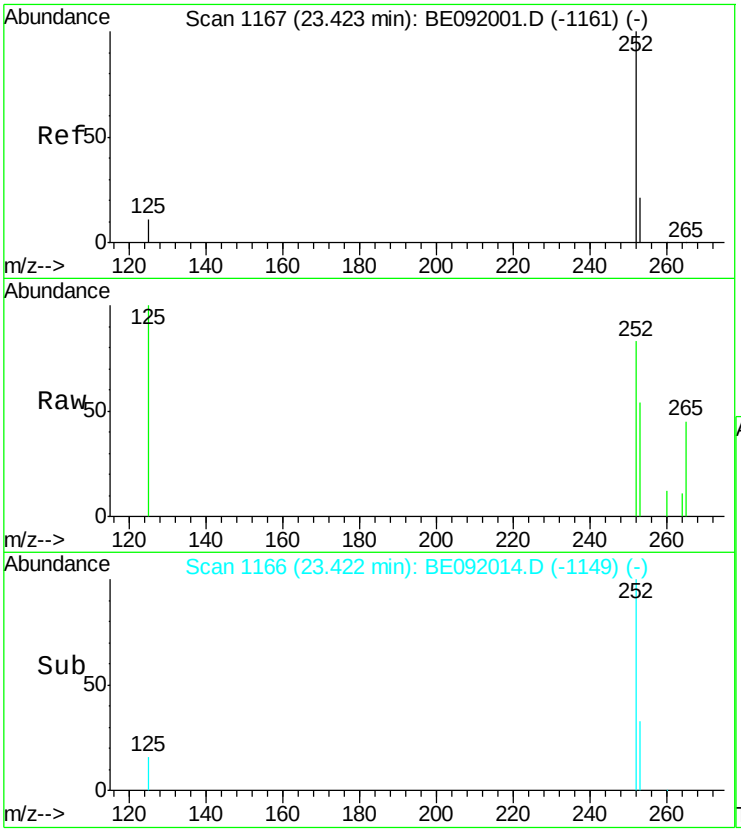


#40
Perylene-d12
Concen: 5.00 ng
RT: 24.16 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:264 Resp: 189926

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.3	30.5
265	21.7	17.6	26.4



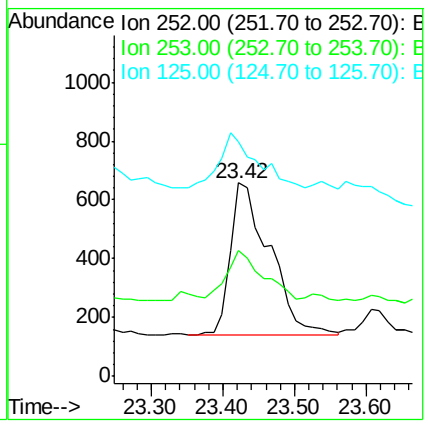


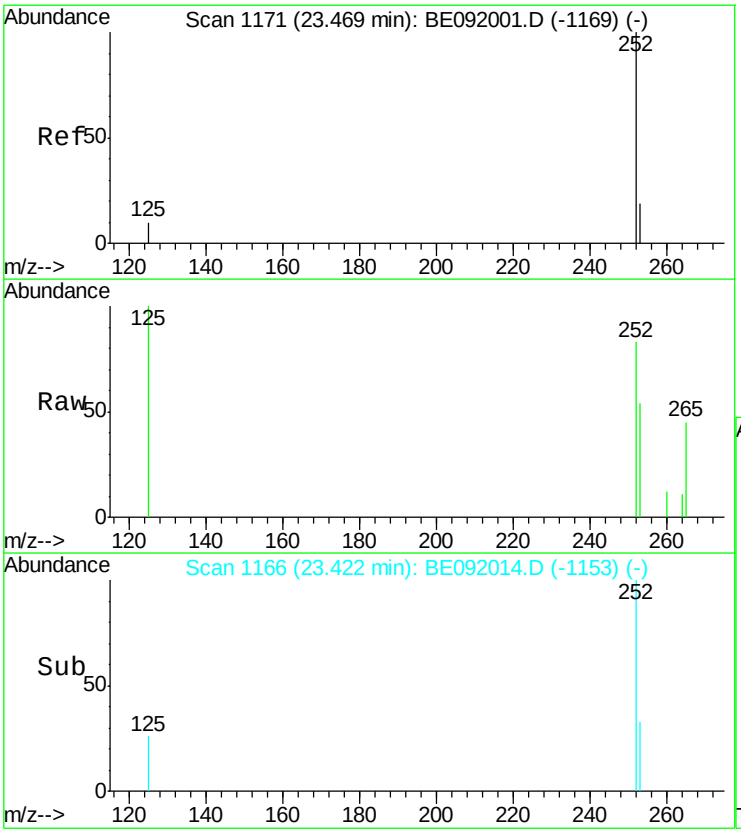
#41
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 23.42 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion:252 Resp: 1983

Ion	Ratio	Lower	Upper
252	100		
253	65.3	17.8	26.6#
125	121.1	9.4	14.2#





#42
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 23.42 min Scan# 1166
Delta R.T. -0.05 min
Lab File: BE092014.D
Acq: 22 Jul 2016 20:07

Tgt Ion:252 Resp: 1983

Ion	Ratio	Lower	Upper
252	100		
253	65.3	19.4	29.2#
125	121.1	8.3	12.5#