Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092011.D
Acq On : 22 Jul 2016 18:10
Operator : UM/SJ
Sample : H4120-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW-02-6.5-17.0

Quant Time: Jul 23 01:31:37 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	22704	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	109176	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	71670	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	168898	5.00	ng	0.00
31) Chrysene-d12	21.76	240	259090	5.00	ng	0.00
40) Perylene-d12	24.16	264	176404	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	10723	2.44	ng	0.00
5) Phenol-d6	7.35	99	9836	1.36	ng	-0.02
9) Nitrobenzene-d5	9.37	82	17418	2.65	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	10345	4.25	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	50976	2.70	ng	0.00
34) Terphenyl-d14	20.22	244	83864	3.22	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.75	42	272	0.15	ng	# 1
10) Nitrobenzene	9.37	77	93	0.14	ng	# 63
11) bis(2-Chloroethoxy)methane	10.05	93	544	0.07	ng	# 1
19) 2,6-Dinitrotoluene	14.32	165	6325	0.47	ng	# 10
21) 2,4-Dinitrotoluene	14.86	165	40343	2.18	ng	# 1
23) 4-Chlorophenyl-phenylether	15.55	204	483	0.04	ng	# 1
32) Benzidine	19.88	184	178	0.20	ng	# 1
36) 3,3'-Dichlorobenzidine	21.78	252	48	0.02	ng	# 80
38) Bis(2-ethylhexyl)phthalate	21.64	149	11059	0.29	ng	# 100

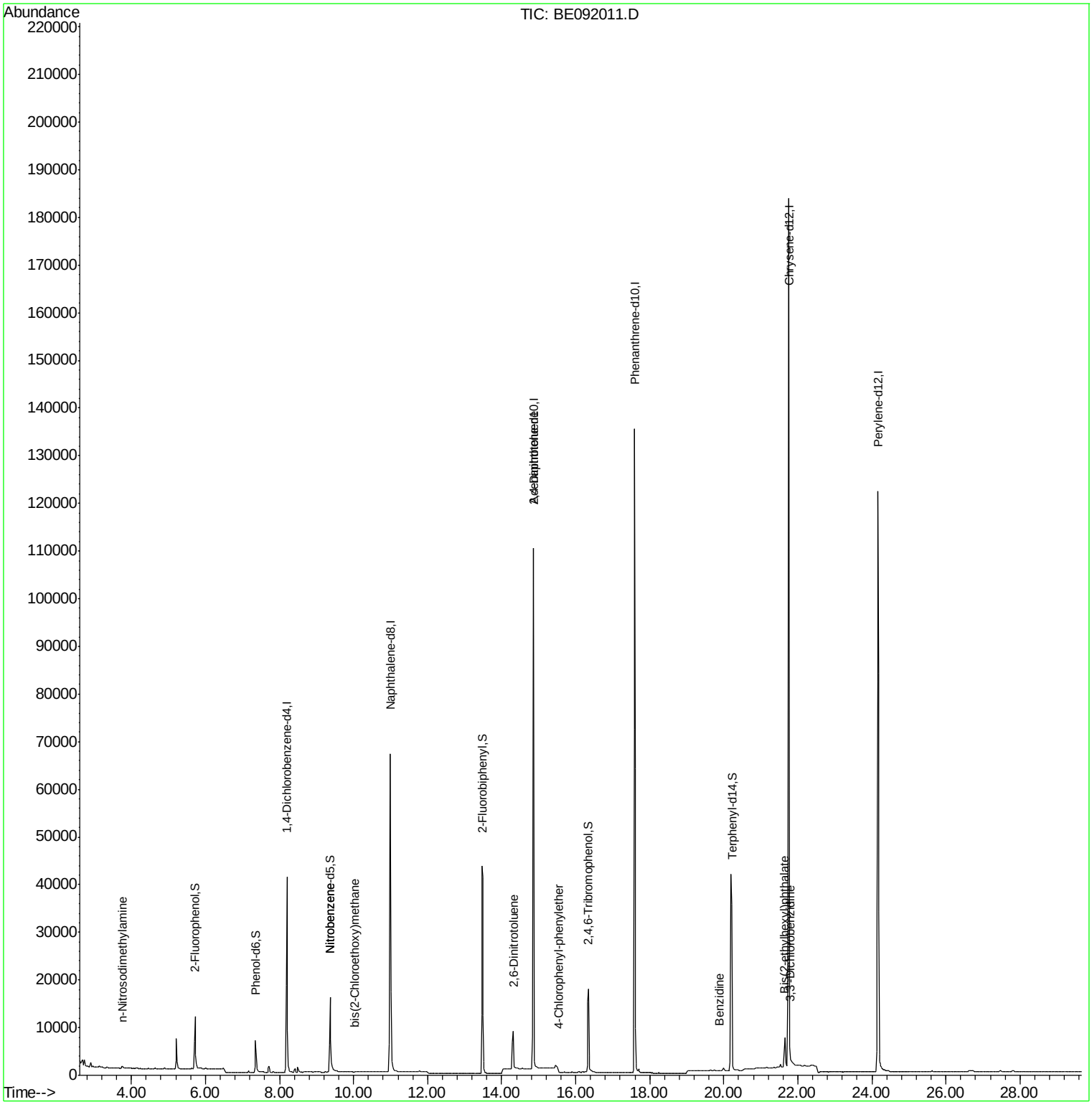
(#) = qualifier out of range (m) = manual integration (+) = signals summed

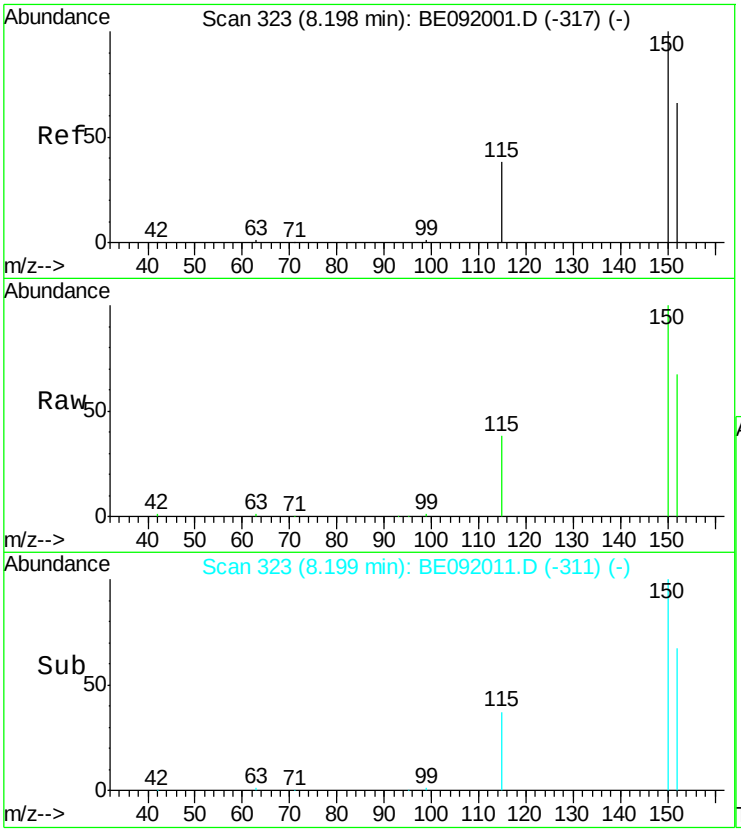
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092011.D
Acq On : 22 Jul 2016 18:10
Operator : UM/SJ
Sample : H4120-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Quant Time: Jul 23 01:31:37 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



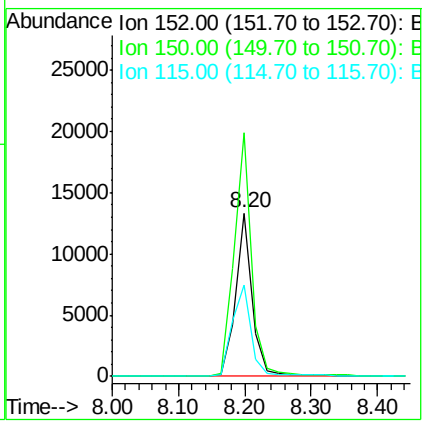


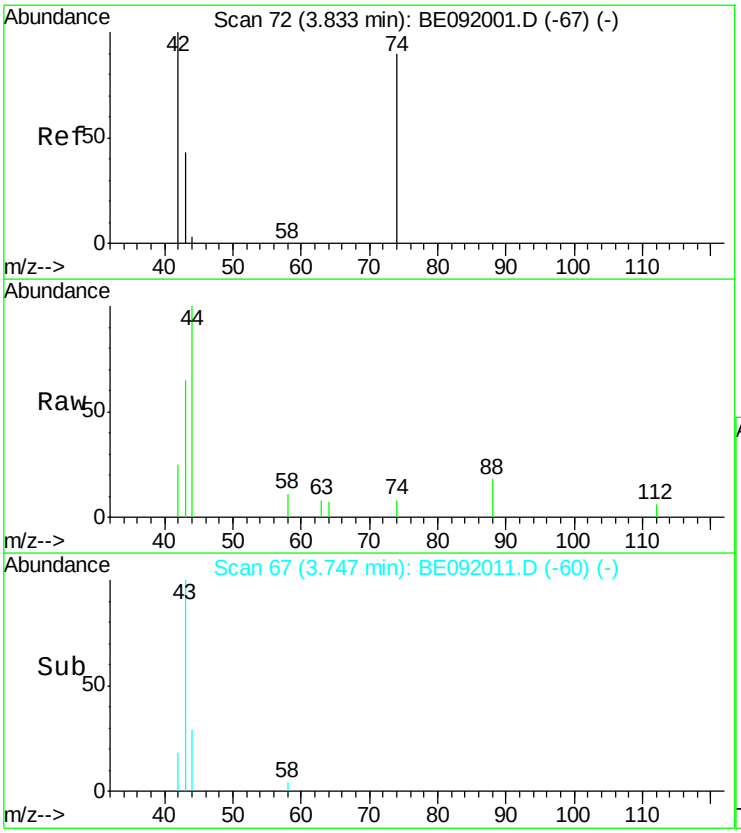
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:152 Resp: 22704

Ion	Ratio	Lower	Upper
152	100		
150	149.1	123.9	185.9
115	56.2	48.3	72.5

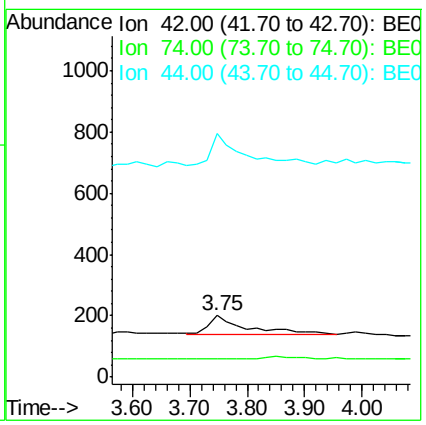


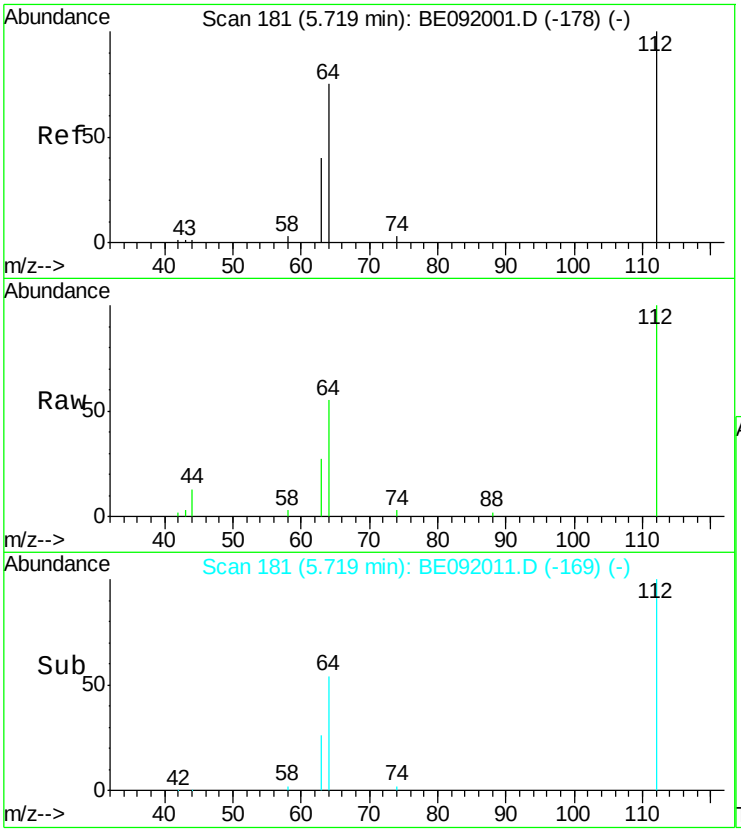


#3
n-Nitrosodimethylamine
Concen: 0.15 ng
RT: 3.75 min Scan# 67
Delta R.T. -0.09 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion: 42 Resp: 272

Ion	Ratio	Lower	Upper
42	100		
74	1.8	93.4	140.0#
44	139.7	5.0	7.6#



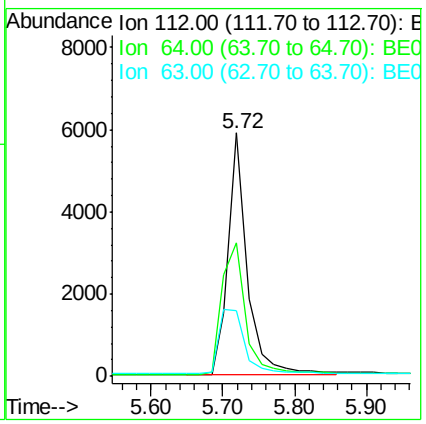


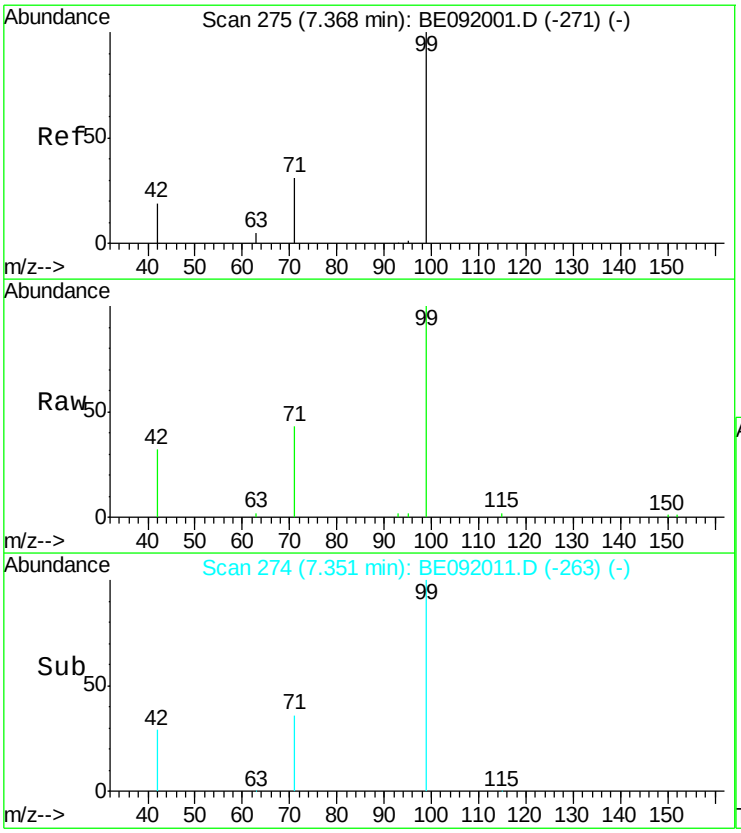
#4
2-Fluorophenol
Concen: 2.44 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:112 Resp: 10723

Ion	Ratio	Lower	Upper
112	100		
64	67.9	53.7	80.5
63	37.2	29.5	44.3

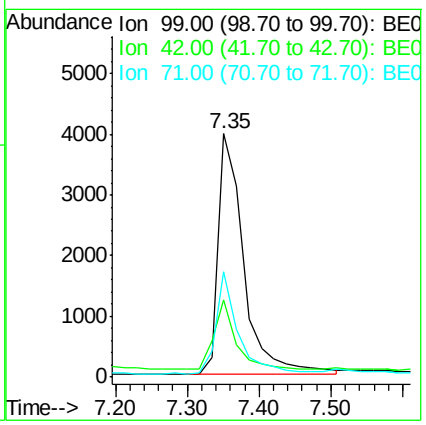


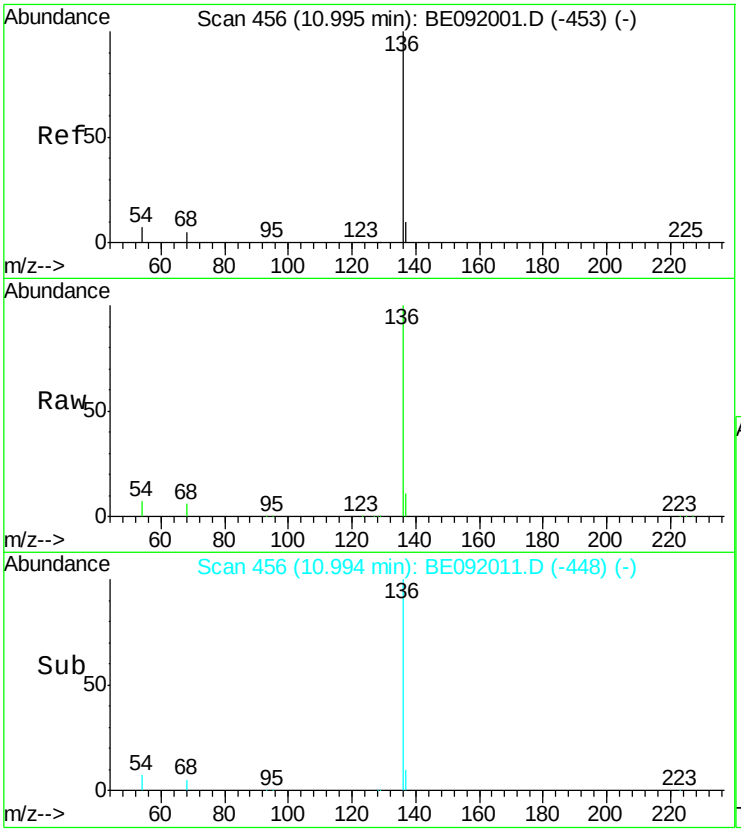


#5
Phenol-d6
Concen: 1.36 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion: 99 Resp: 9836

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.6	29.4
71	37.0	28.1	42.1



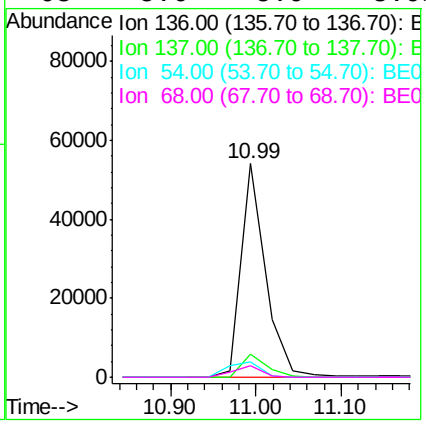


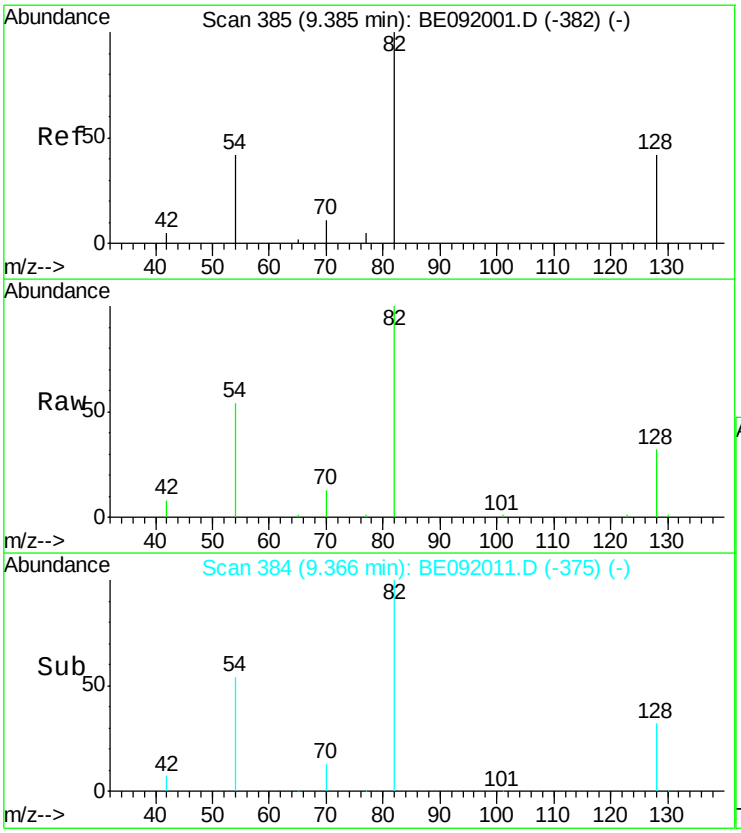
#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 456
Delta R.T. -0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:136 Resp: 109176

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	7.5	8.2	12.4#
68	5.6	5.9	8.9#

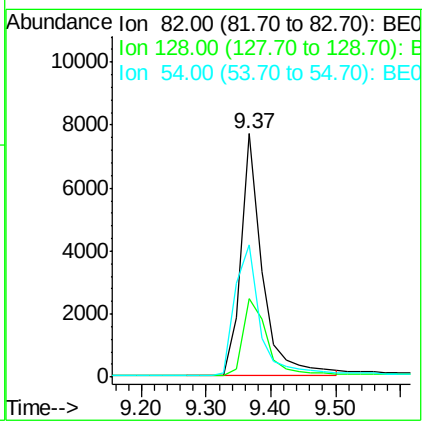


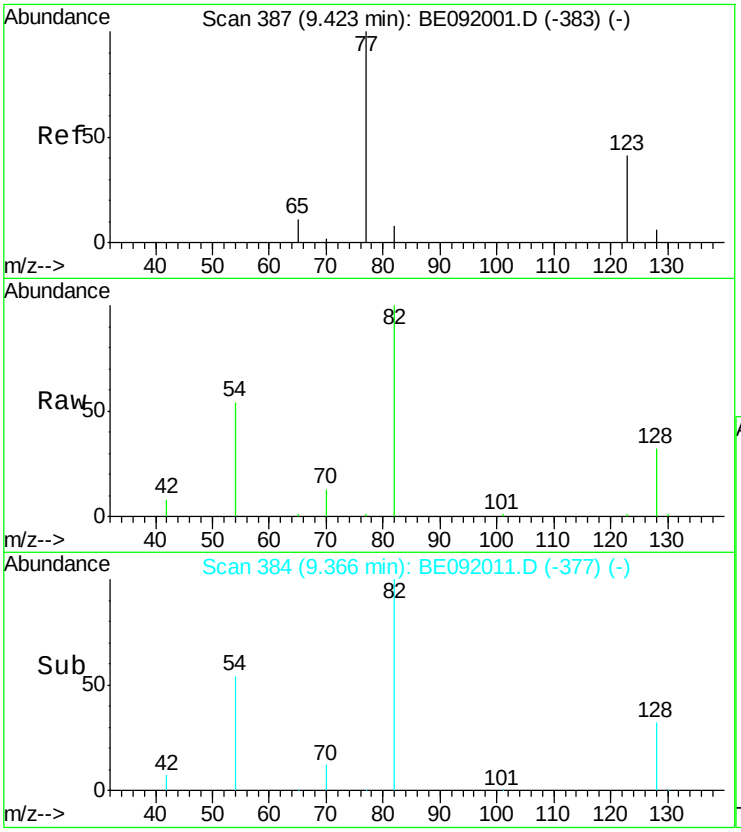


#9
Nitrobenzene-d5
Concen: 2.65 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion: 82 Resp: 17418

Ion	Ratio	Lower	Upper
82	100		
128	32.2	39.5	59.3#
54	54.3	30.3	45.5#



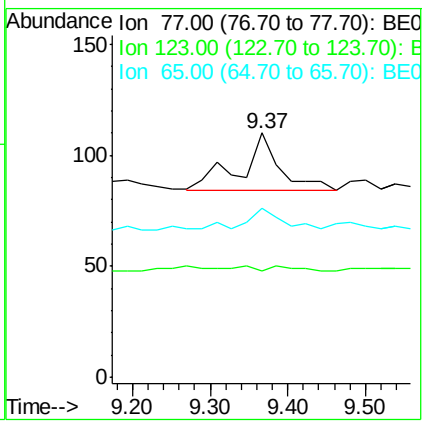


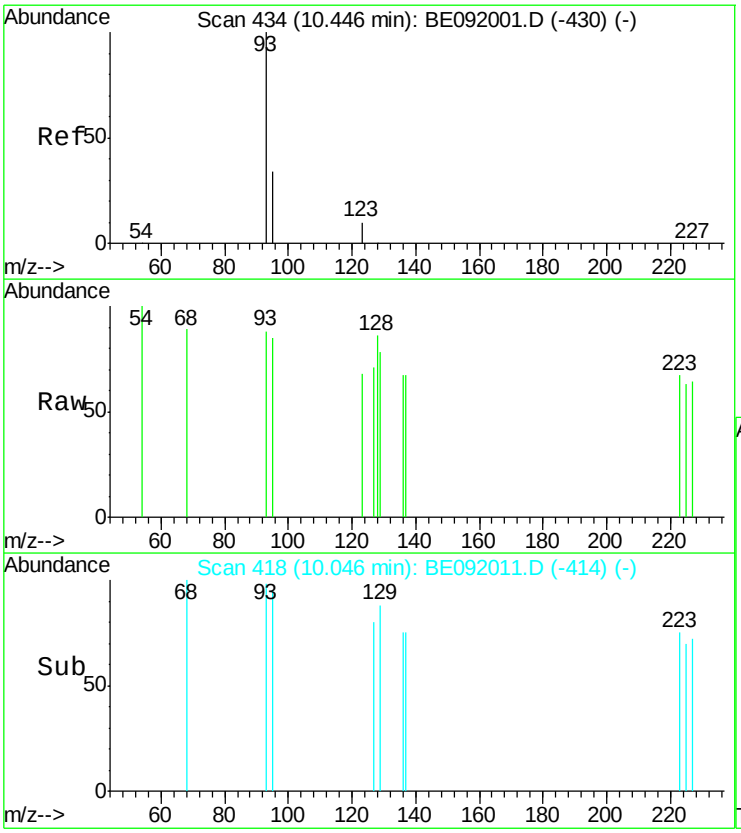
#10
Nitrobenzene
Concen: 0.14 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.06 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion: 77 Resp: 93

Ion	Ratio	Lower	Upper
77	100		
123	5.4	0.0	0.0#
65	29.0	11.1	16.7#

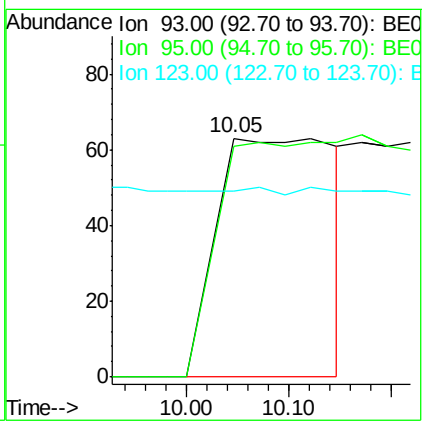


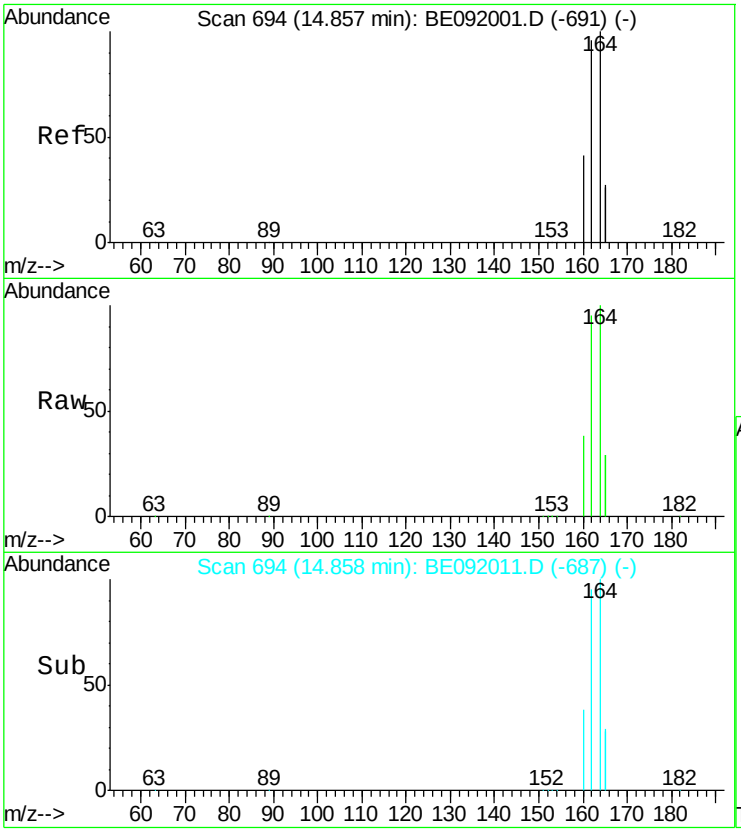


#11
bis(2-Chloroethoxy)methane
Concen: 0.07 ng
RT: 10.05 min Scan# 418
Delta R.T. -0.40 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion: 93 Resp: 544

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



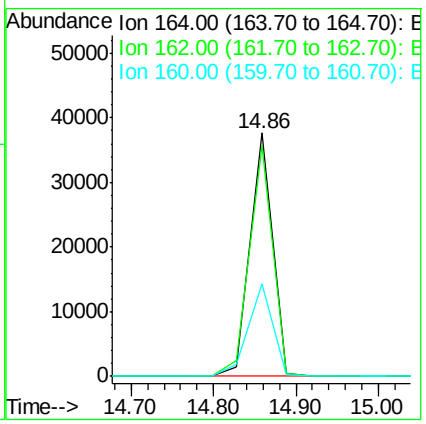


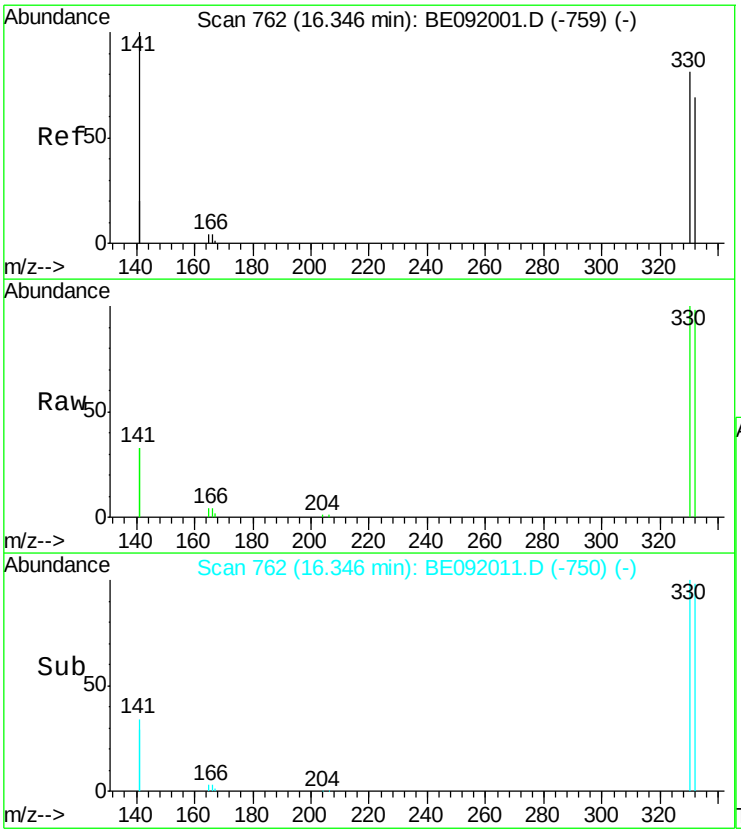
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:164 Resp: 71670

Ion	Ratio	Lower	Upper
164	100		
162	94.6	71.8	107.8
160	38.2	28.0	42.0

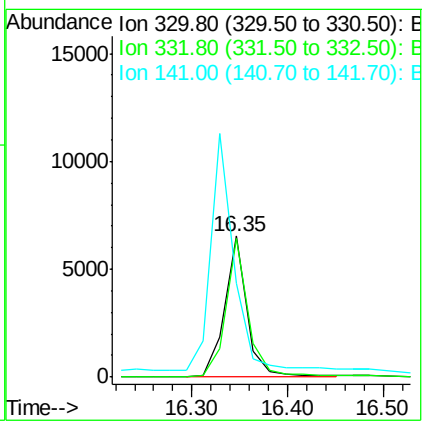


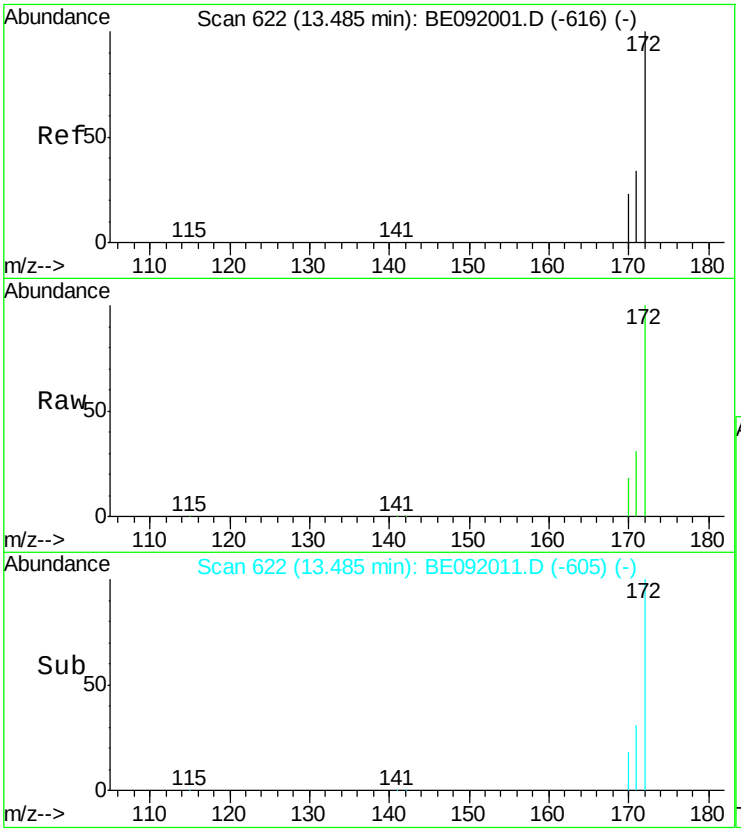


#16
2,4,6-Tribromophenol
Concen: 4.25 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion:330 Resp: 10345

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	176.7	138.4	207.6



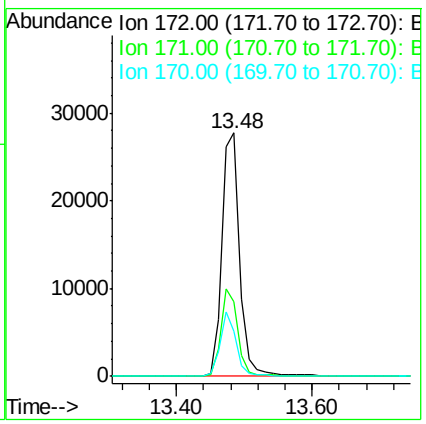


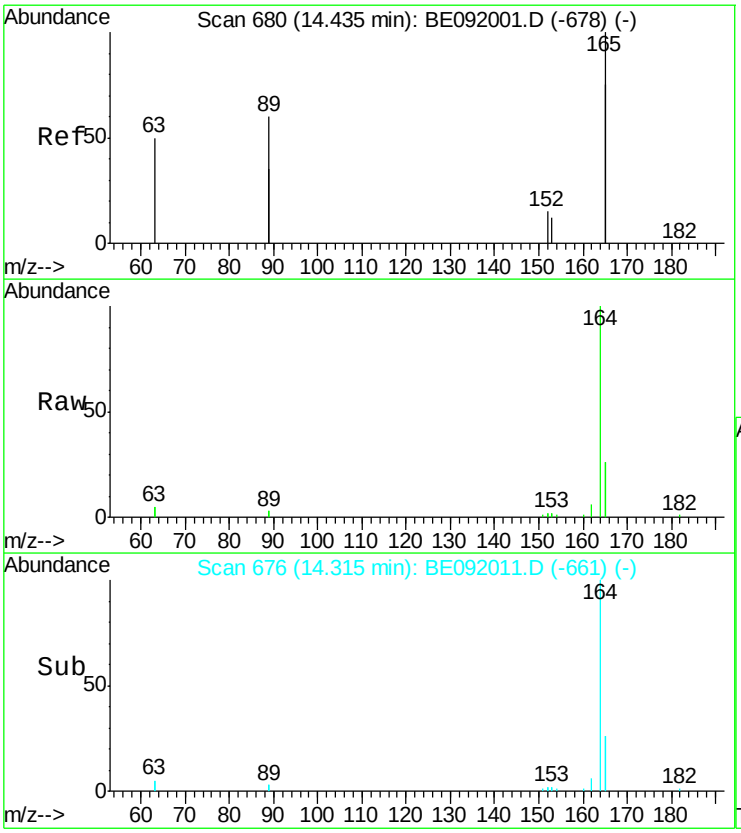
#17
2-Fluorobiphenyl
Concen: 2.70 ng
RT: 13.48 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:172 Resp: 50976

Ion	Ratio	Lower	Upper
172	100		
171	30.7	24.3	36.5
170	18.4	14.9	22.3

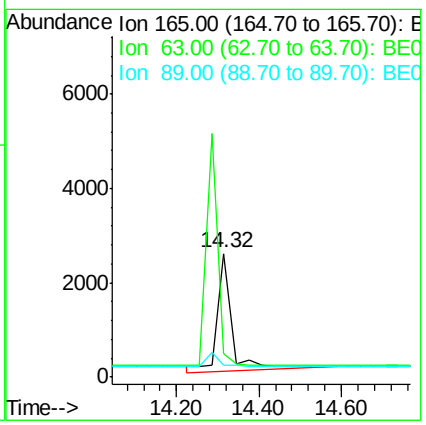


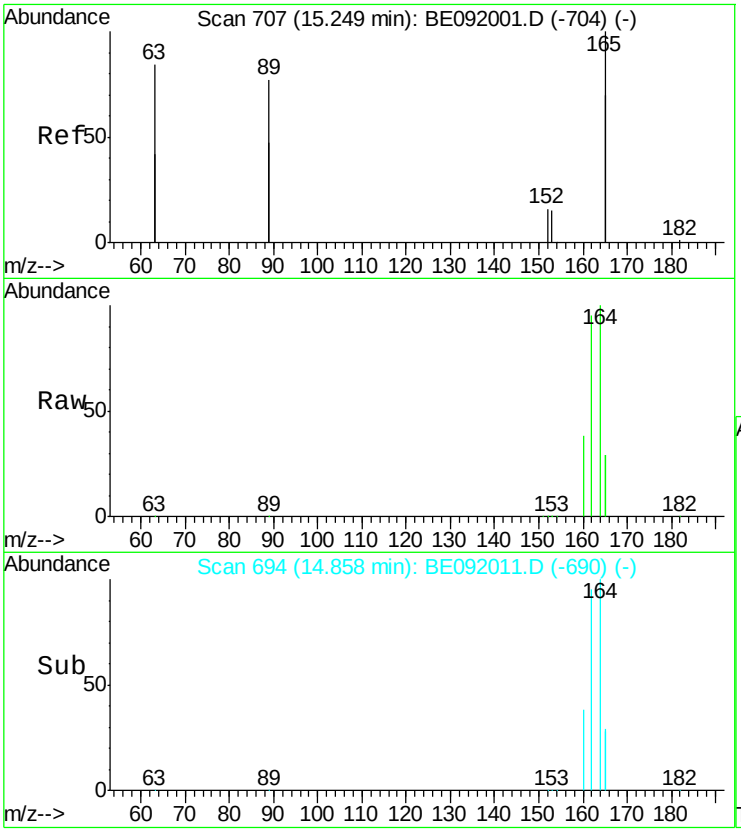


#19
2,6-Dinitrotoluene
Concen: 0.47 ng
RT: 14.32 min Scan# 676
Delta R.T. -0.12 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion:165 Resp: 6325

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



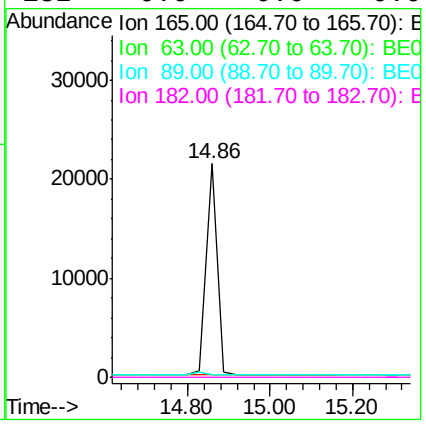


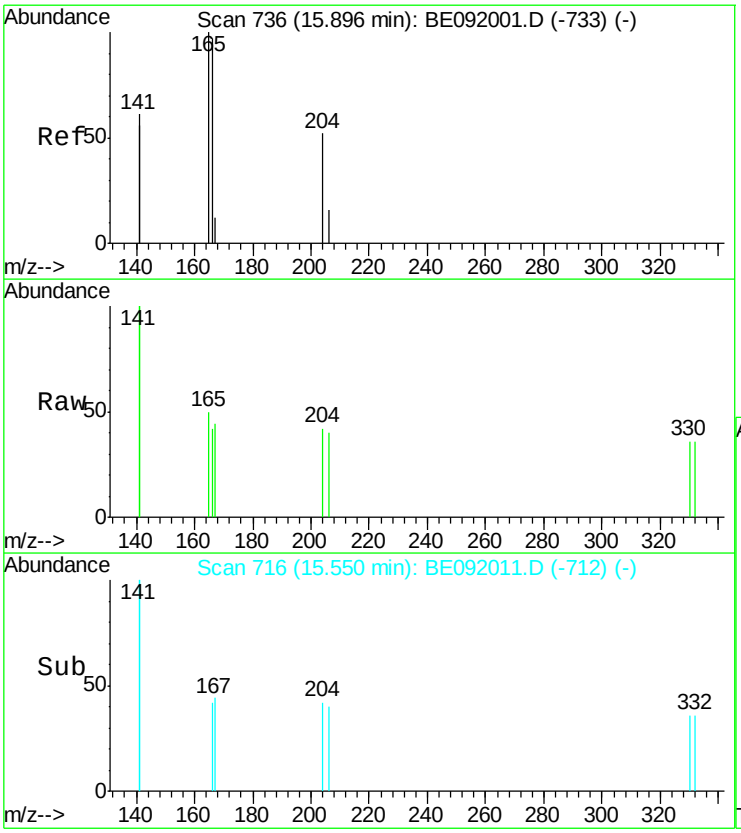
#21
2,4-Dinitrotoluene
Concen: 2.18 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.39 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:165 Resp: 40343

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

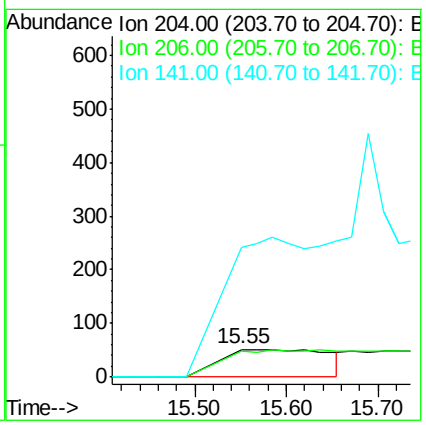


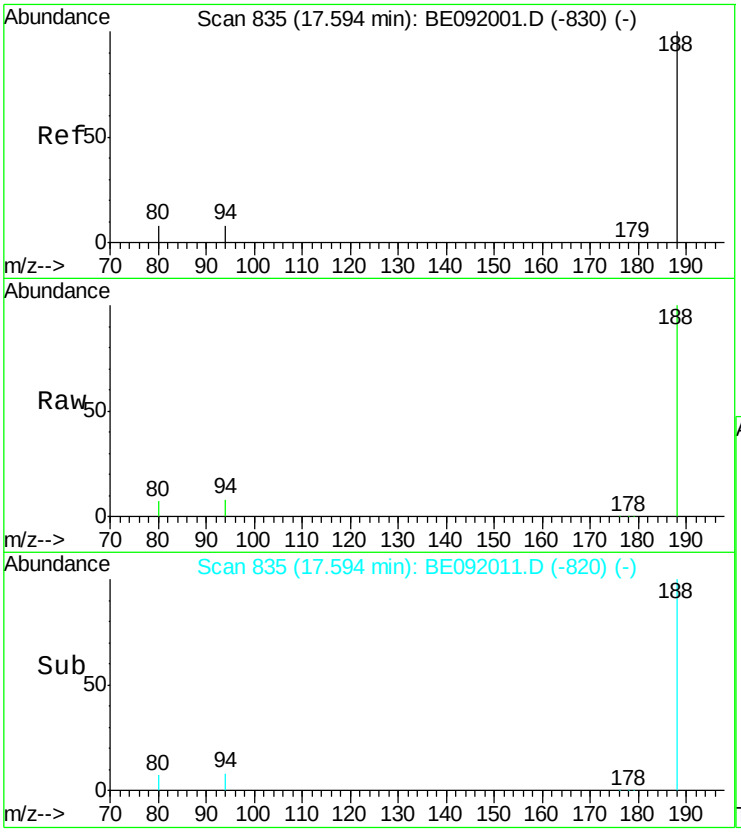


#23
4-Chlorophenyl-phenylether
Concen: 0.04 ng
RT: 15.55 min Scan# 716
Delta R.T. -0.35 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion:204 Resp: 483

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



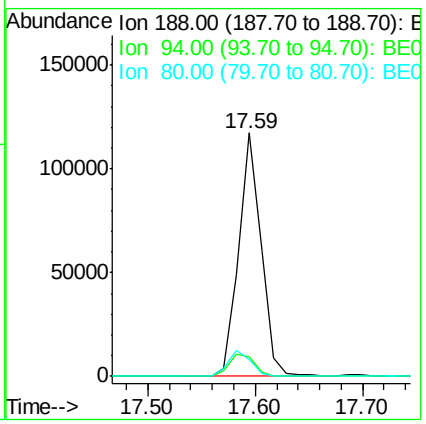


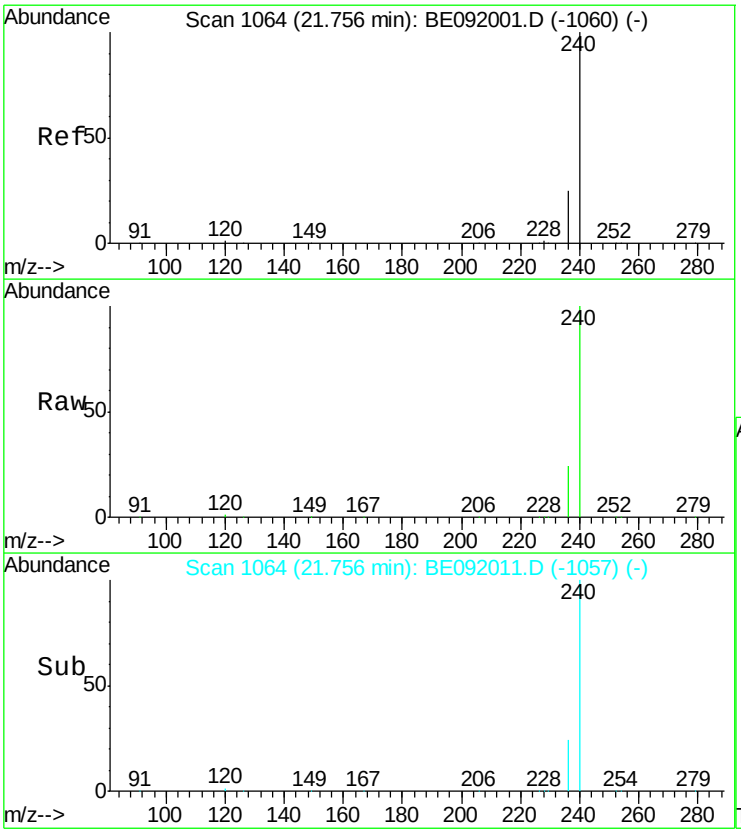
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:188 Resp: 168898

Ion	Ratio	Lower	Upper
188	100		
94	8.0	4.1	6.1#
80	7.3	3.4	5.2#

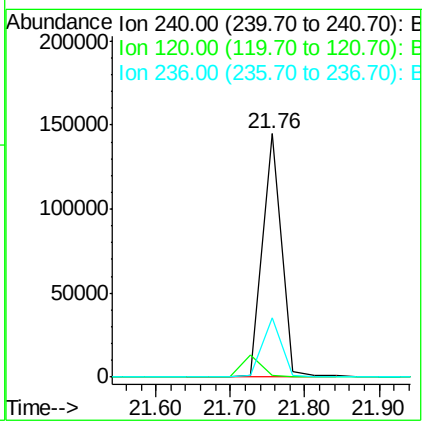


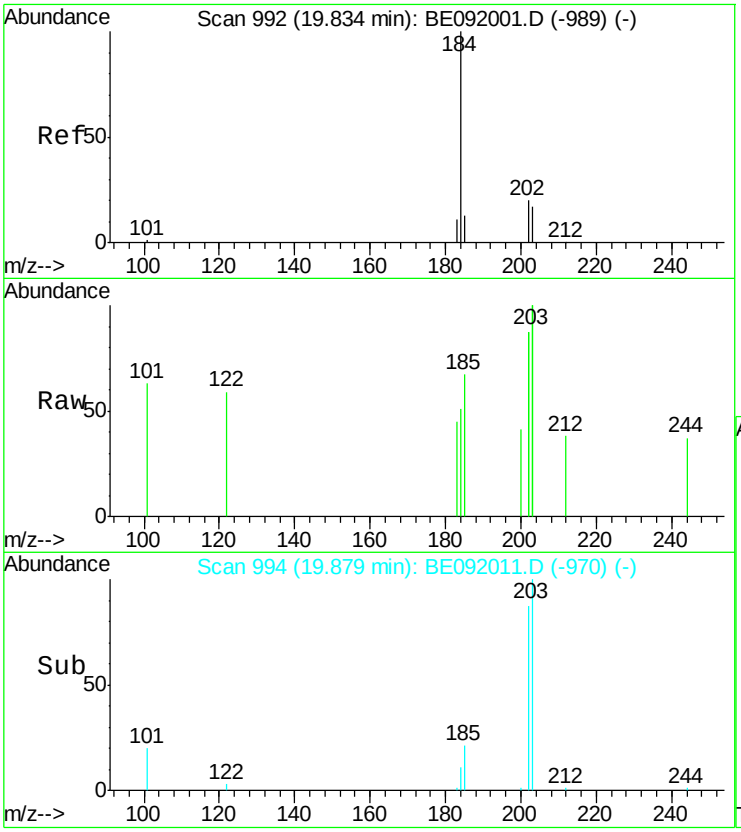


#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion:240 Resp: 259090

Ion	Ratio	Lower	Upper
240	100		
120	0.8	1.2	1.8#
236	24.4	19.8	29.8



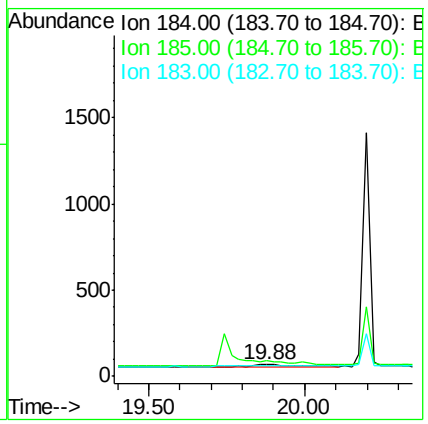


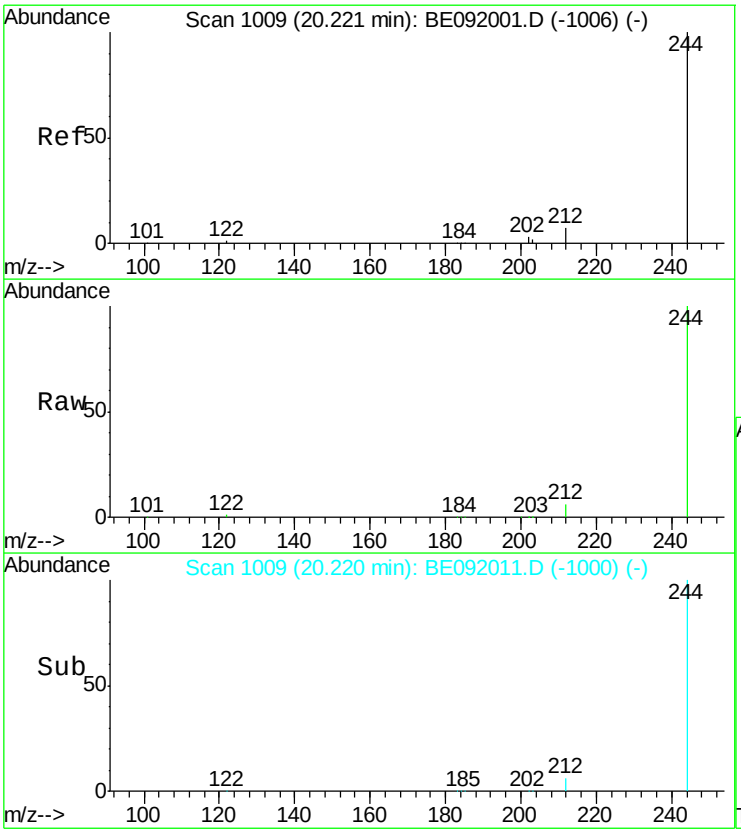
#32
Benzidine
Concen: 0.20 ng
RT: 19.88 min Scan# 994
Delta R.T. 0.04 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:184 Resp: 178

Ion	Ratio	Lower	Upper
184	100		
185	130.9	11.4	17.2#
183	88.2	11.8	17.6#

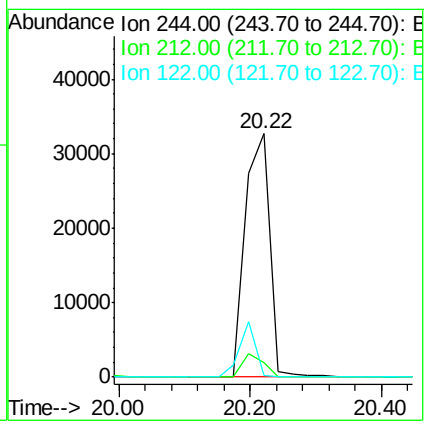


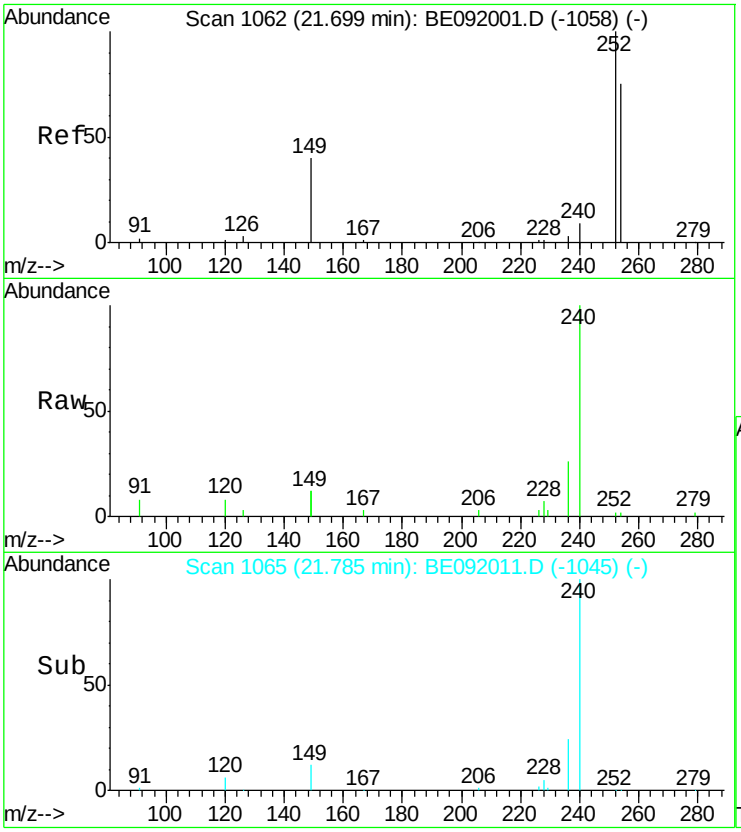


#34
Terphenyl-d14
Concen: 3.22 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion:244 Resp: 83864

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.5	9.7#
122	0.7	2.9	4.3#



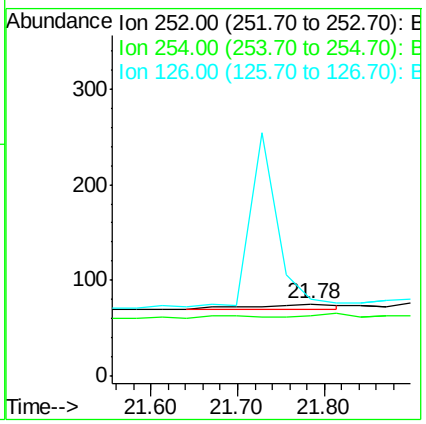


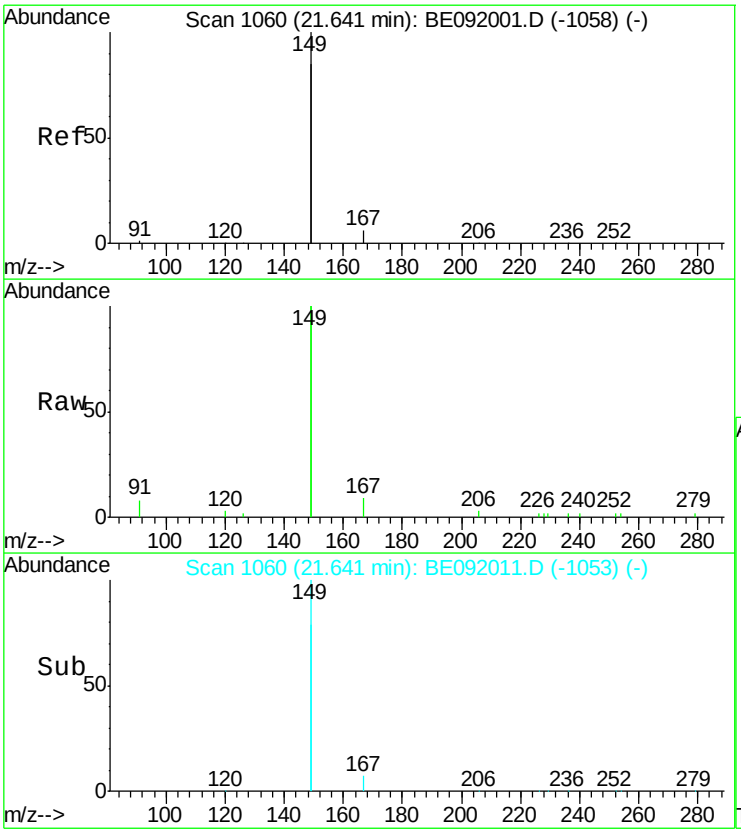
#36
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 21.78 min Scan# 1065
Delta R.T. 0.09 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:252 Resp: 48

Ion	Ratio	Lower	Upper
252	100		
254	84.0	61.5	92.3
126	108.0	2.5	3.7#

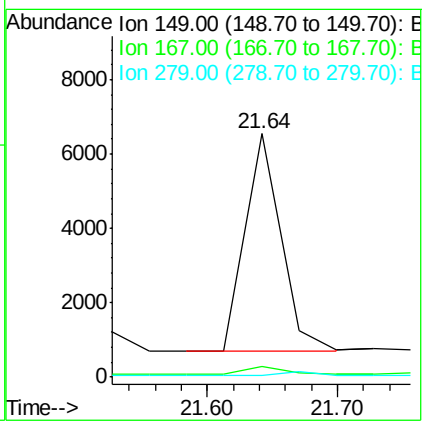


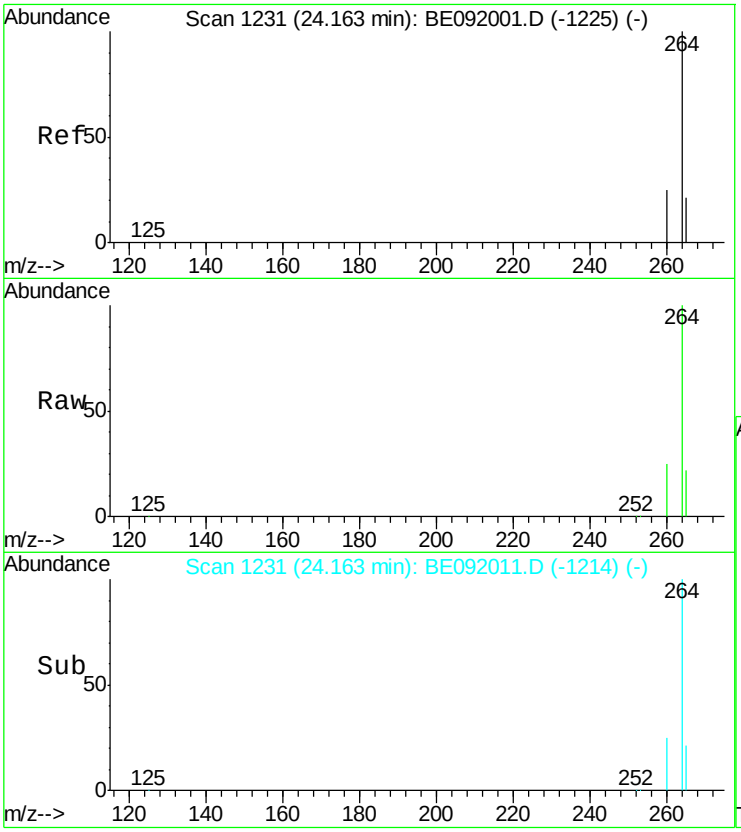


#38
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.64 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Tgt Ion:149 Resp: 11059

Ion	Ratio	Lower	Upper
149	100		
167	4.3	0.0	0.0#
279	0.0	0.0	0.0





#40
Perylene-d12
Concen: 5.00 ng
RT: 24.16 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE092011.D
Acq: 22 Jul 2016 18:10

Instrument :
BNA_E
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:264 Resp: 176404

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.3	30.5
265	21.6	17.6	26.4