Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092018.D
Acq On : 22 Jul 2016 22:42
Operator : UM/SJ
Sample : H4120-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW-06-6.0-16.0

Quant Time: Jul 23 01:33:38 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	24839	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	120687	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	82510	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	191353	5.00	ng	0.00
31) Chrysene-d12	21.76	240	285778	5.00	ng	0.00
40) Perylene-d12	24.16	264	209691	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	21463	4.46	ng	0.00
5) Phenol-d6	7.35	99	23562	2.83	ng	-0.02
9) Nitrobenzene-d5	9.37	82	25619	3.53	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	18923	6.64	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	70639	3.26	ng	-0.01
34) Terphenyl-d14	20.22	244	148851	5.19	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.85	42	84	0.10	ng	# 57
10) Nitrobenzene	9.37	77	158	0.14	ng	# 25
11) bis(2-Chloroethoxy)methane	10.07	93	632	0.07	ng	# 1
19) 2,6-Dinitrotoluene	14.32	165	2022	0.25	ng	# 10
21) 2,4-Dinitrotoluene	14.86	165	47793	2.22	ng	# 1
23) 4-Chlorophenyl-phenylether	15.55	204	670	0.05	ng	# 54
32) Benzidine	20.20	184	3317	0.42	ng	# 84
36) 3,3'-Dichlorobenzidine	21.70	252	98	0.03	ng	# 77
38) Bis(2-ethylhexyl)phthalate	21.64	149	7007	0.20	ng	# 100

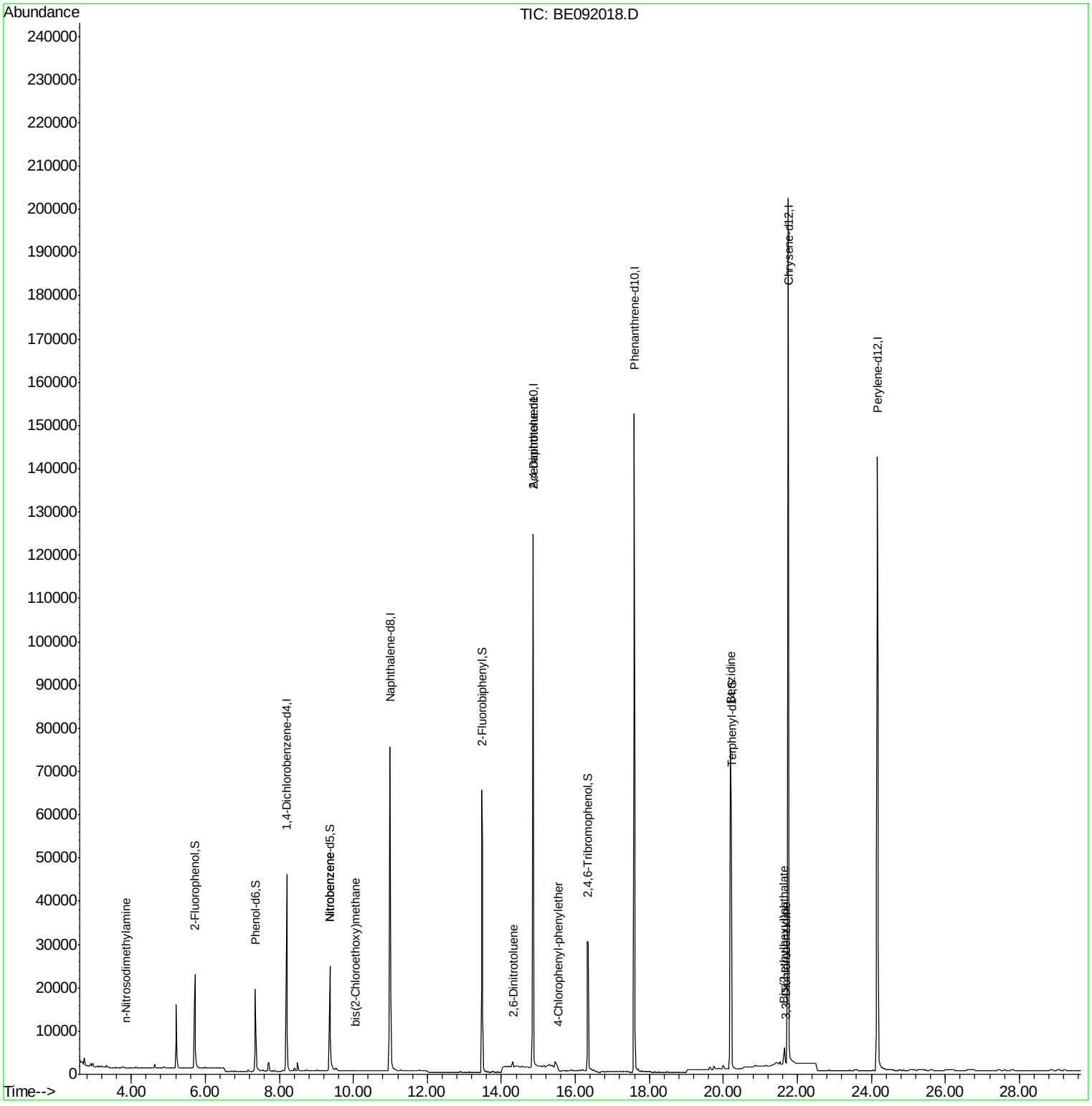
(#) = qualifier out of range (m) = manual integration (+) = signals summed

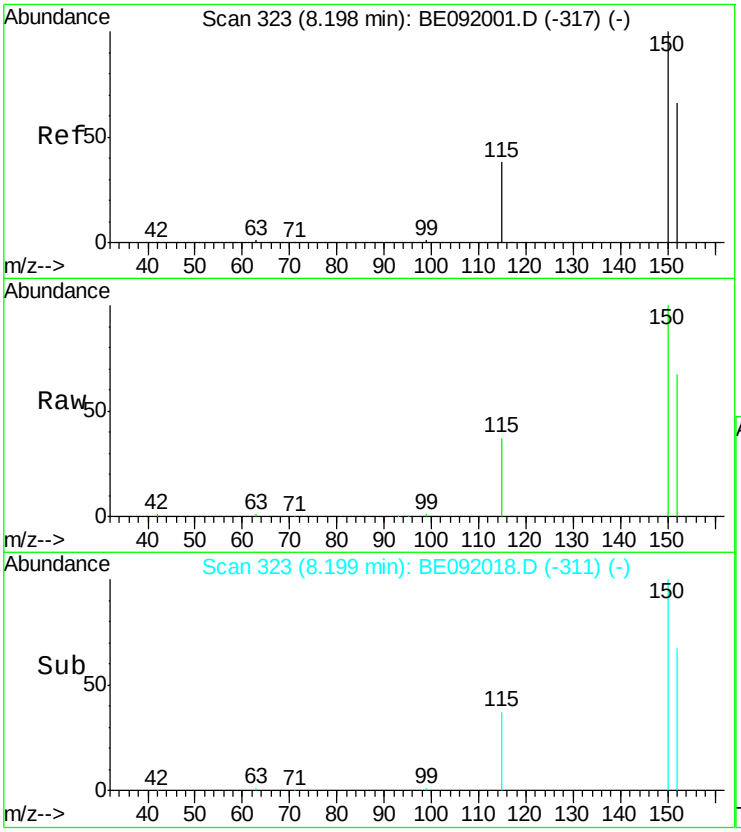
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092018.D
Acq On : 22 Jul 2016 22:42
Operator : UM/SJ
Sample : H4120-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Quant Time: Jul 23 01:33:38 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



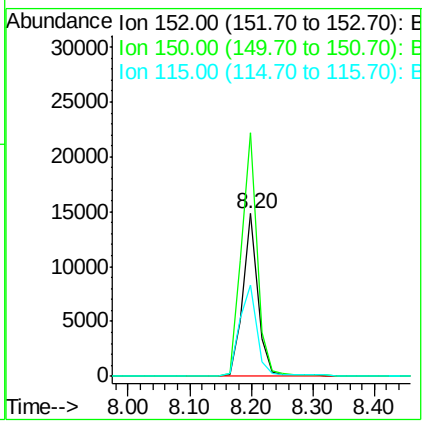


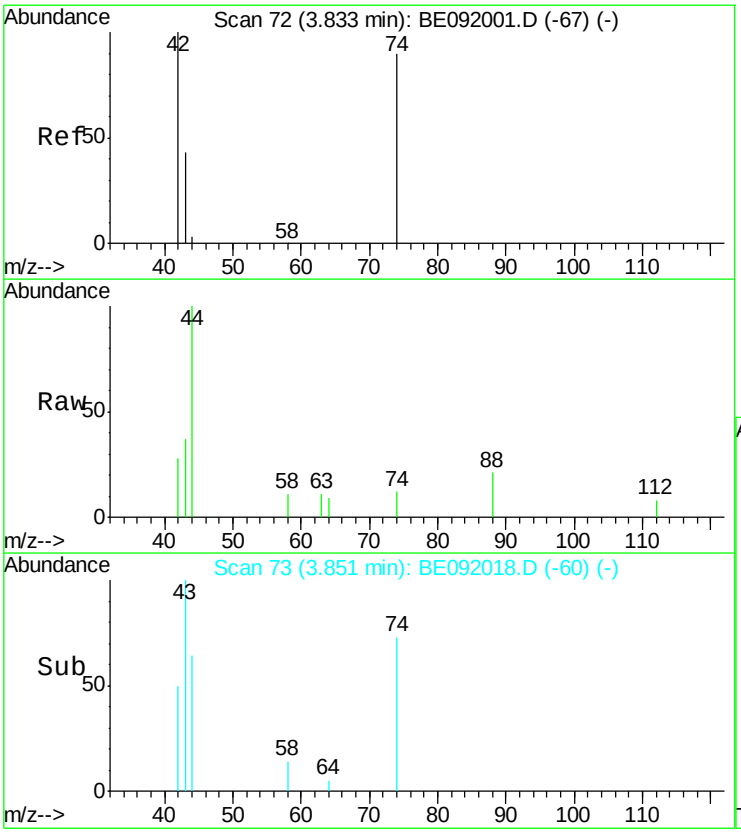
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:152 Resp: 24839

Ion	Ratio	Lower	Upper
152	100		
150	149.8	123.9	185.9
115	55.9	48.3	72.5

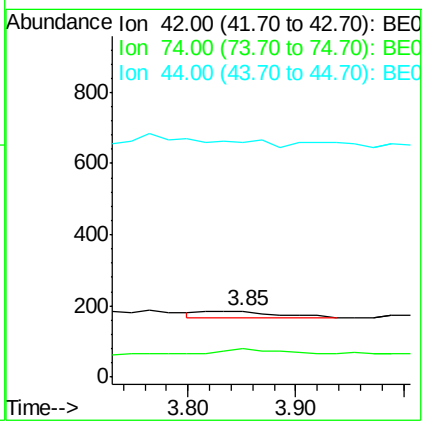


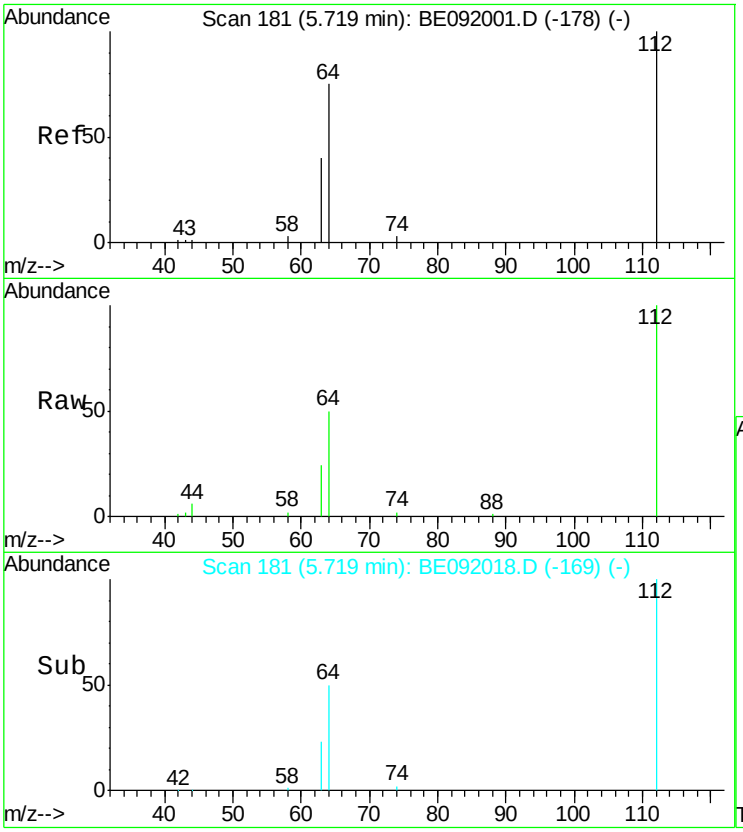


#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.85 min Scan# 73
Delta R.T. 0.02 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Tgt Ion: 42 Resp: 84

Ion	Ratio	Lower	Upper
42	100		
74	67.9	93.4	140.0#
44	0.0	5.0	7.6#



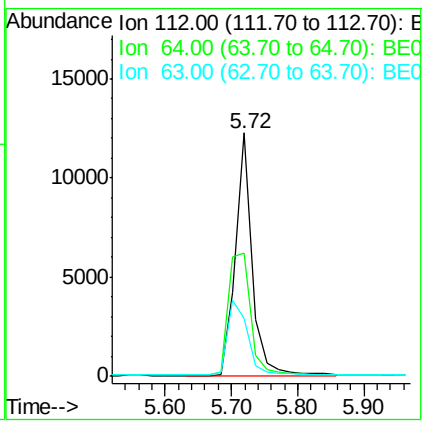


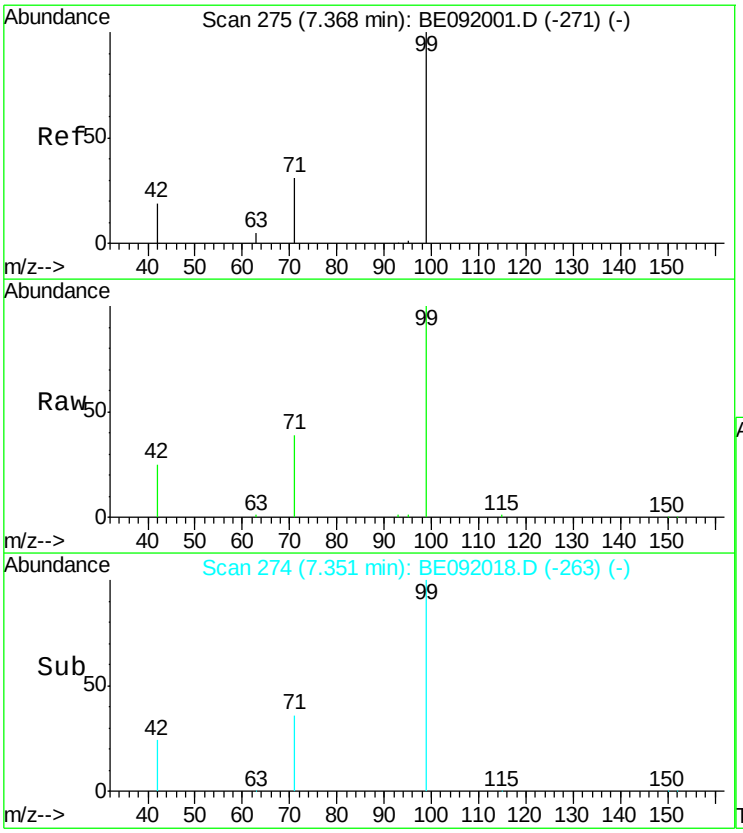
#4
2-Fluorophenol
Concen: 4.46 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:112 Resp: 21463

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.7	80.5
63	37.2	29.5	44.3

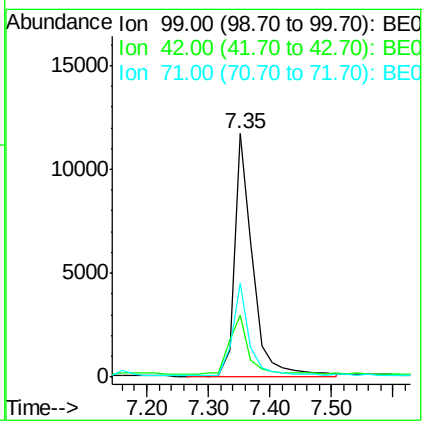


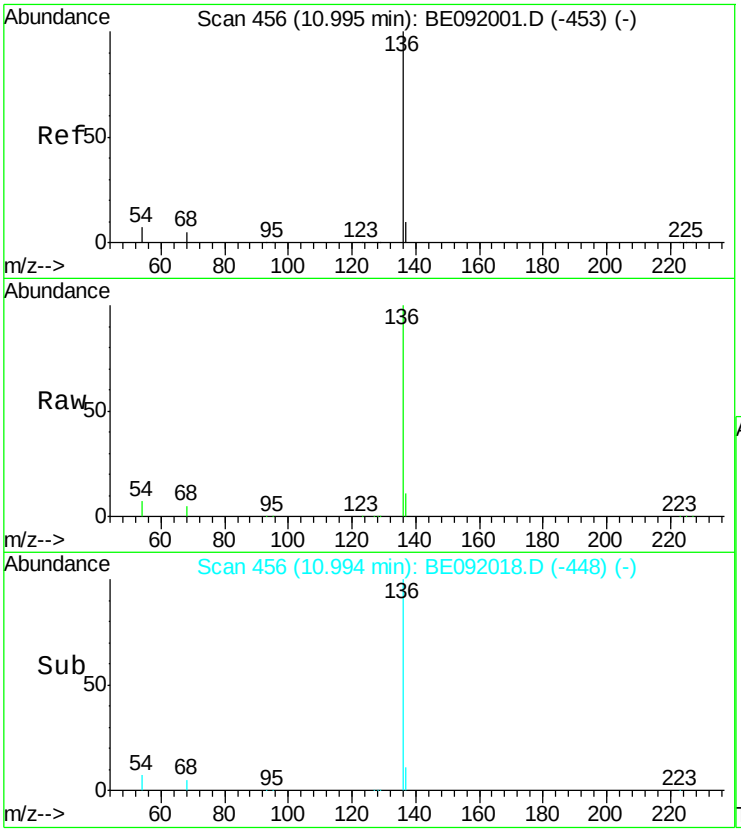


#5
Phenol-d6
Concen: 2.83 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Tgt Ion: 99 Resp: 23562

Ion	Ratio	Lower	Upper
99	100		
42	25.2	19.6	29.4
71	36.6	28.1	42.1



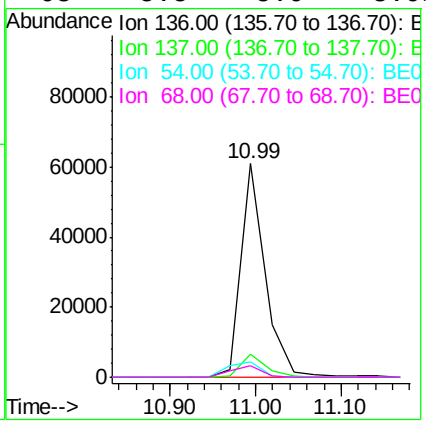


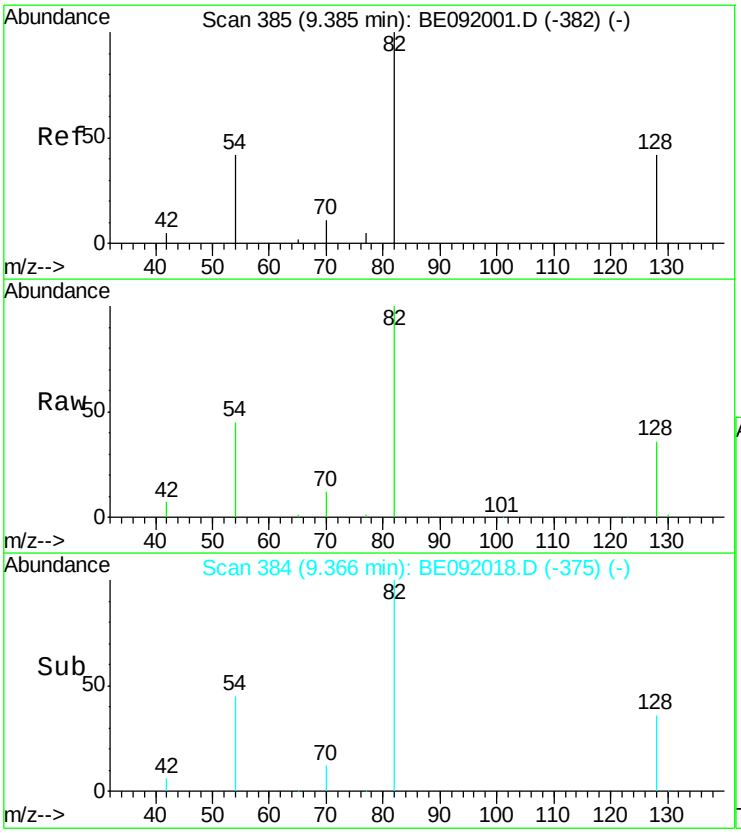
#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 456
Delta R.T. -0.00 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:136 Resp: 120687

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	7.2	8.2	12.4#
68	5.5	5.9	8.9#

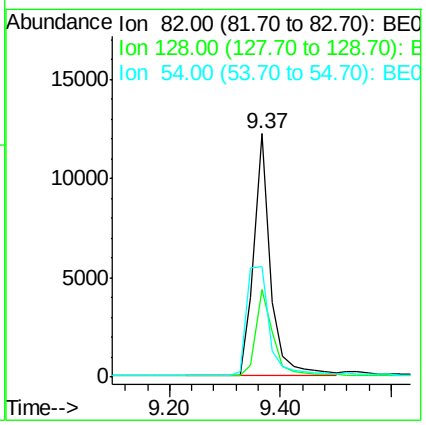


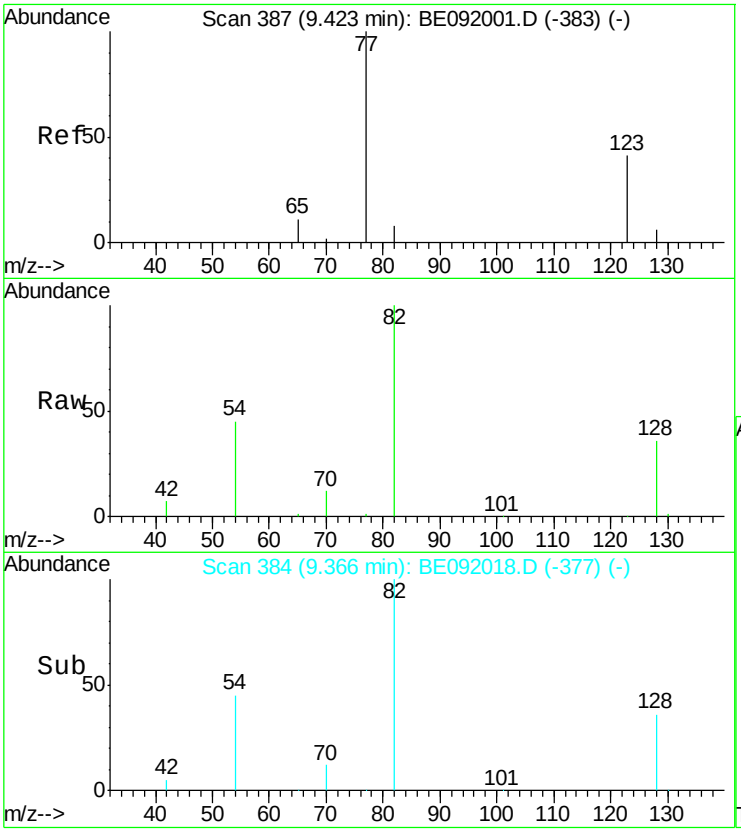


#9
Nitrobenzene-d5
Concen: 3.53 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Tgt Ion: 82 Resp: 25619

Ion	Ratio	Lower	Upper
82	100		
128	36.2	39.5	59.3#
54	45.4	30.3	45.5



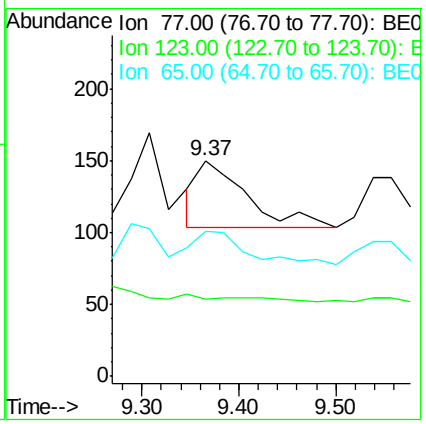


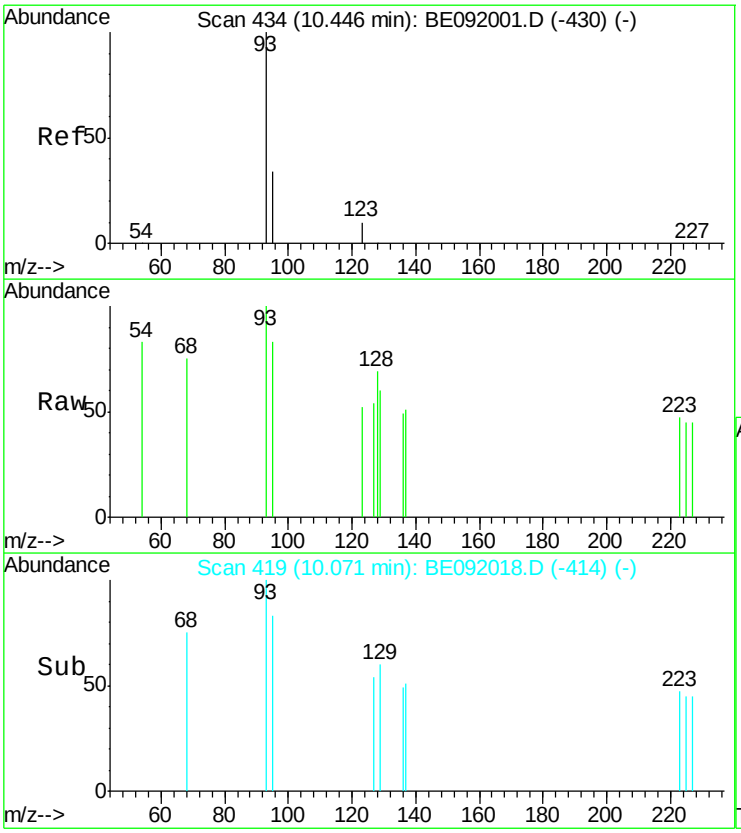
#10
Nitrobenzene
Concen: 0.14 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.06 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion: 77 Resp: 158

Ion	Ratio	Lower	Upper
77	100		
123	3.2	0.0	0.0#
65	44.3	11.1	16.7#

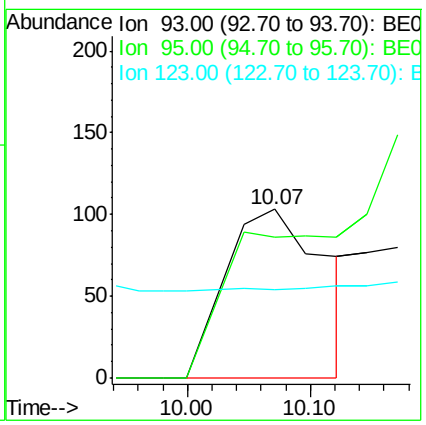


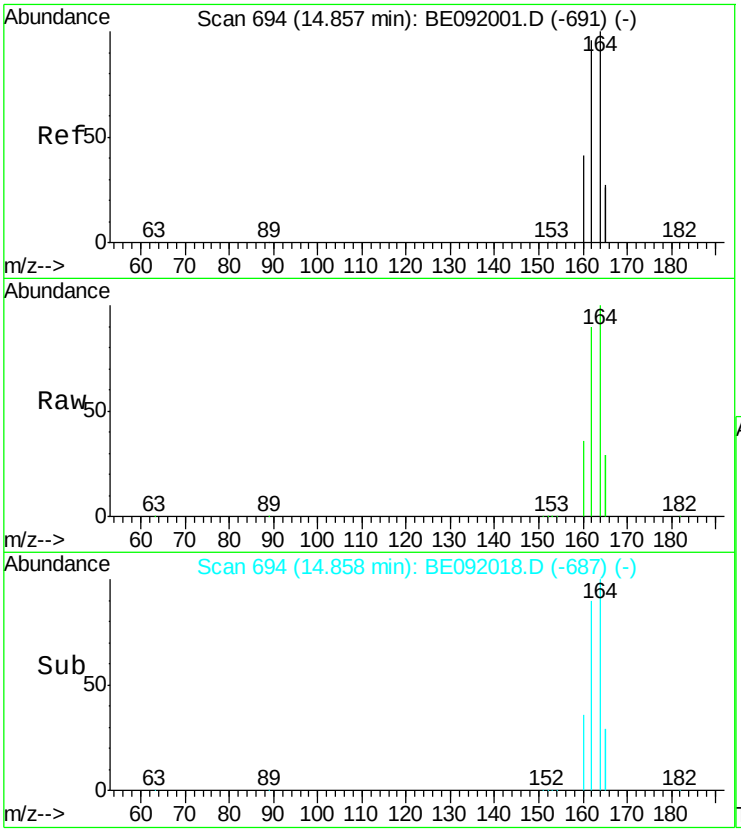


#11
bis(2-Chloroethoxy)methane
Concen: 0.07 ng
RT: 10.07 min Scan# 419
Delta R.T. -0.37 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Tgt Ion: 93 Resp: 632

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



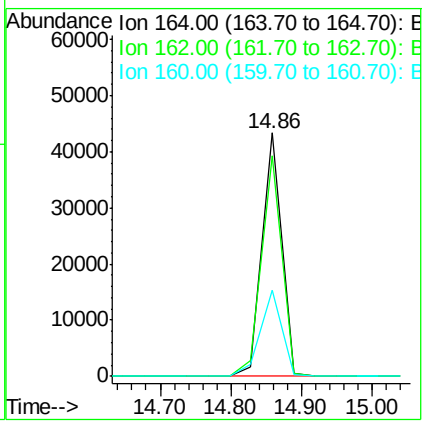


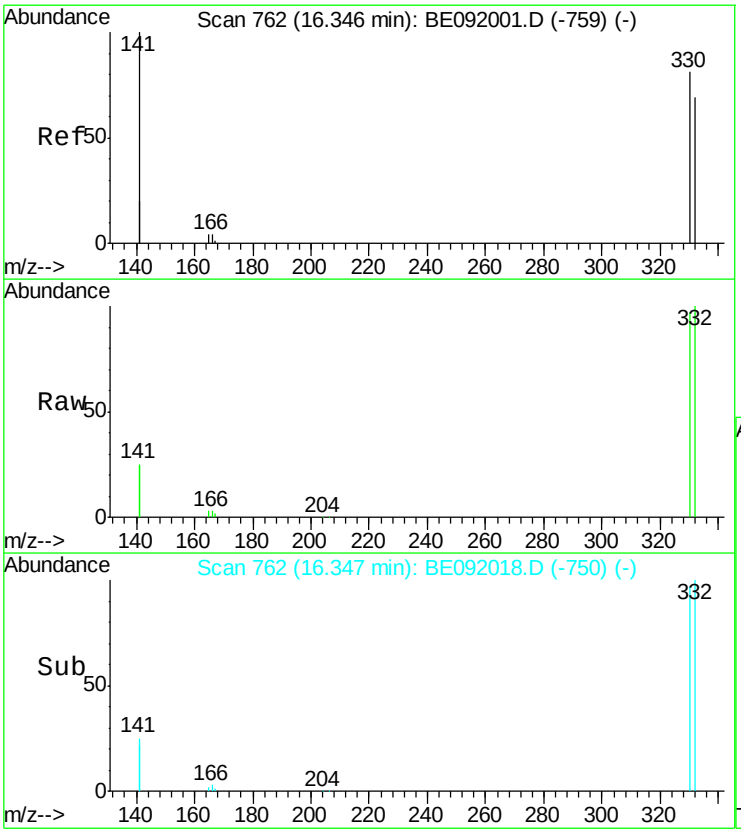
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:164 Resp: 82510

Ion	Ratio	Lower	Upper
164	100		
162	90.4	71.8	107.8
160	35.6	28.0	42.0

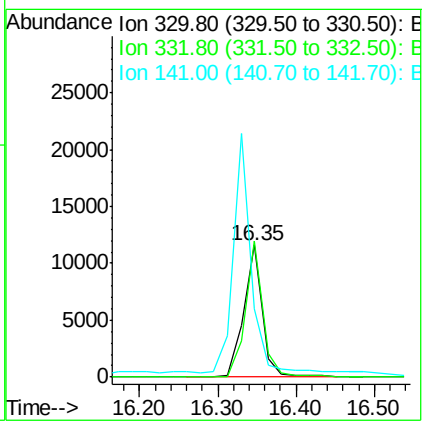


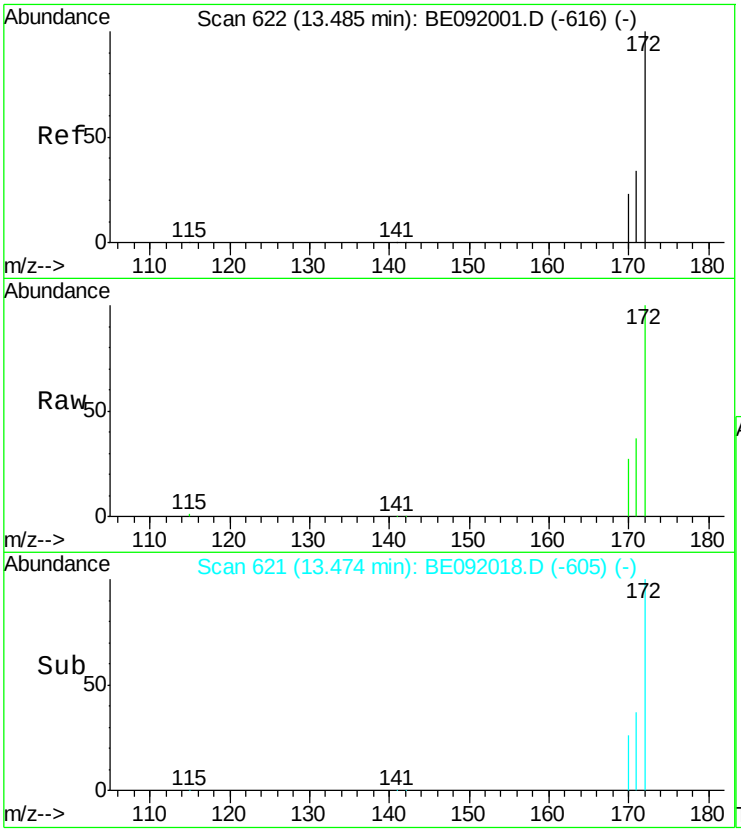


#16
2,4,6-Tribromophenol
Concen: 6.64 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Tgt Ion:330 Resp: 18923

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	172.2	138.4	207.6



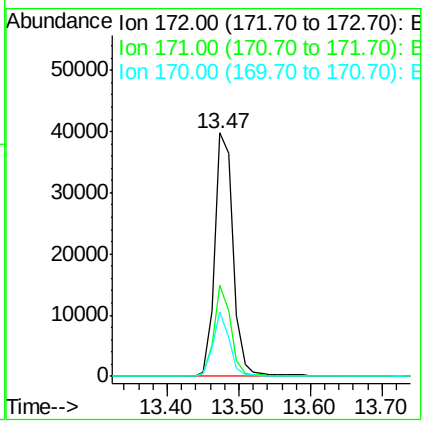


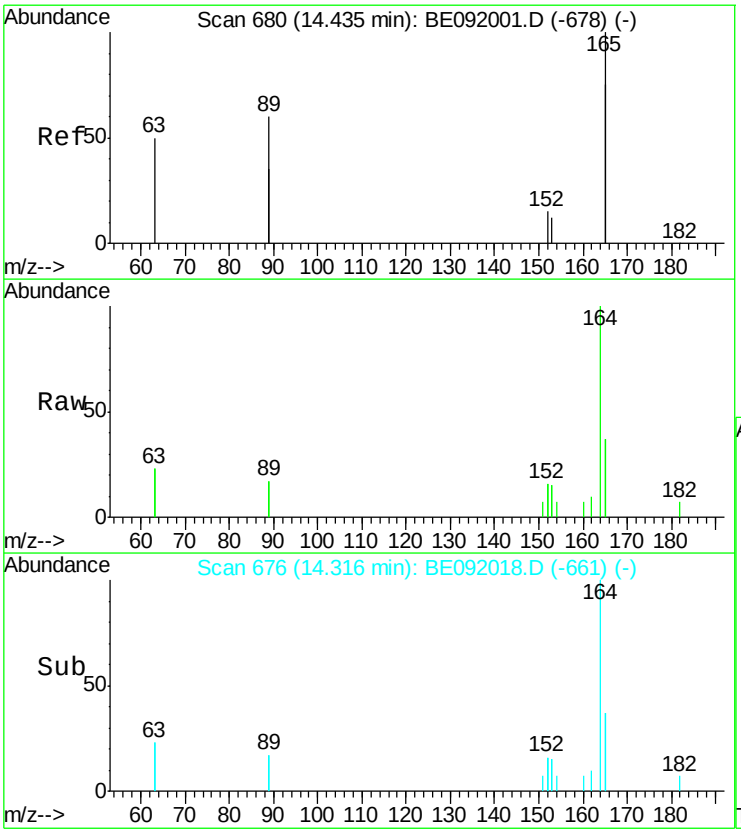
#17
2-Fluorobiphenyl
Concen: 3.26 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:172 Resp: 70639

Ion	Ratio	Lower	Upper
172	100		
171	37.4	24.3	36.5#
170	26.6	14.9	22.3#

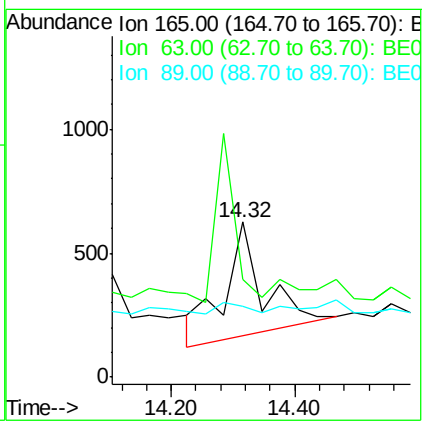


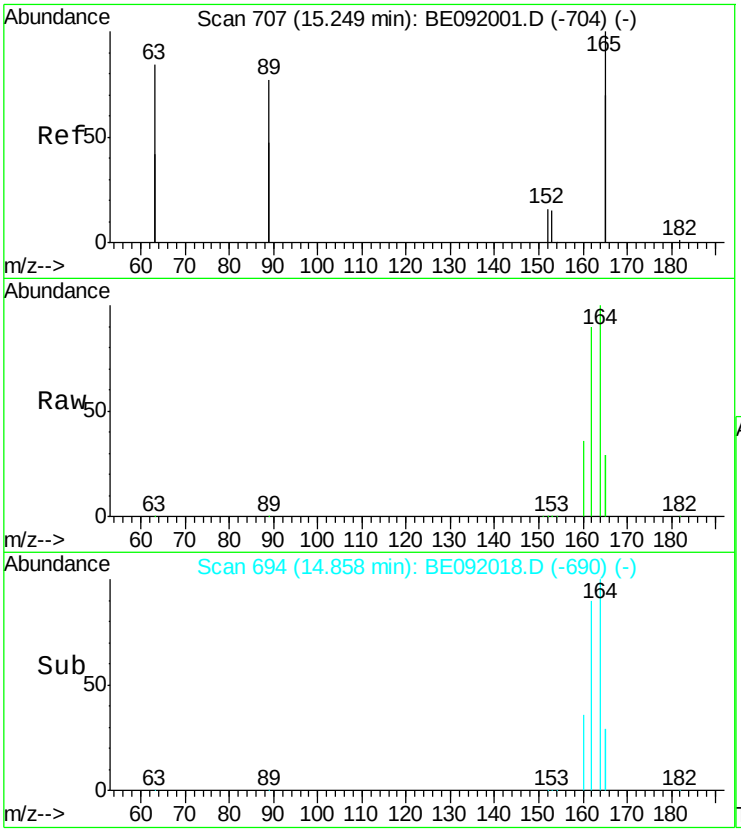


#19
2,6-Dinitrotoluene
Concen: 0.25 ng
RT: 14.32 min Scan# 676
Delta R.T. -0.12 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Tgt Ion:165 Resp: 2022

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



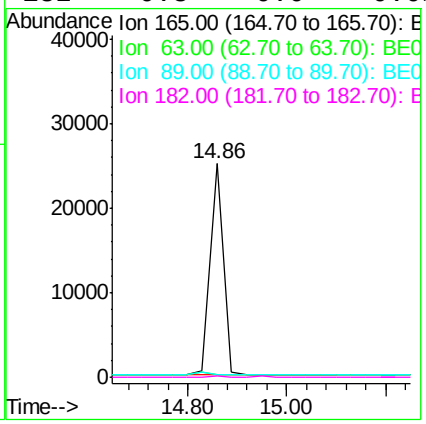


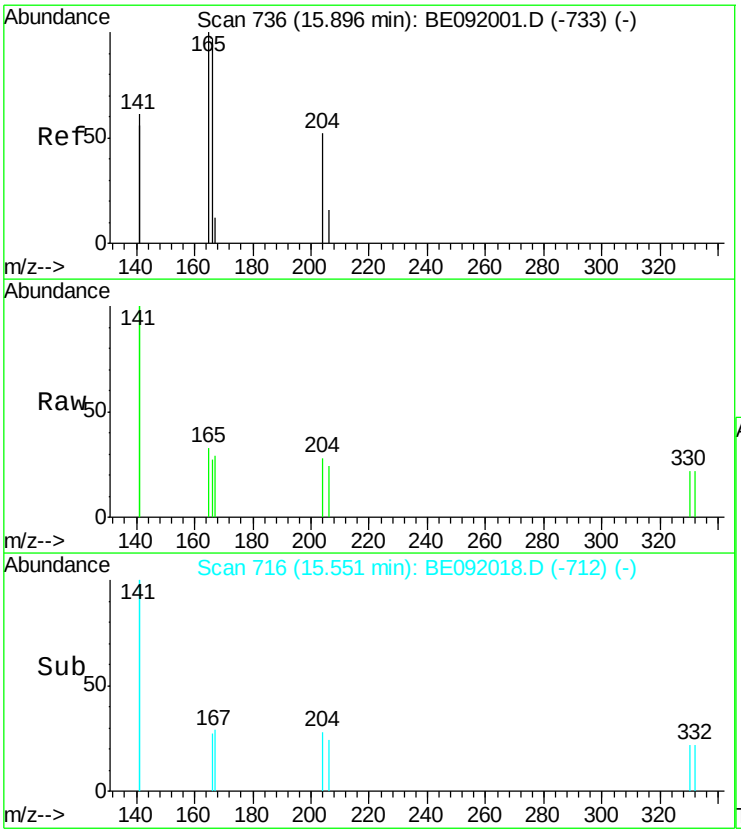
#21
2,4-Dinitrotoluene
Concen: 2.22 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.39 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:165 Resp: 47793

Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	0.3	0.0	0.0#

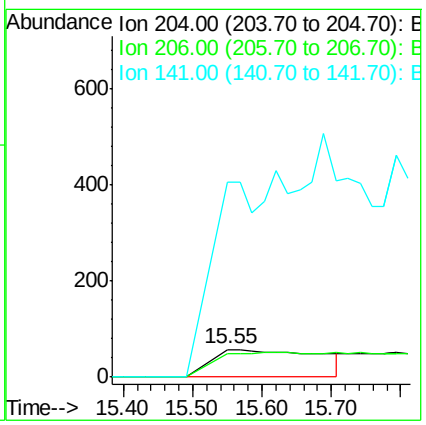


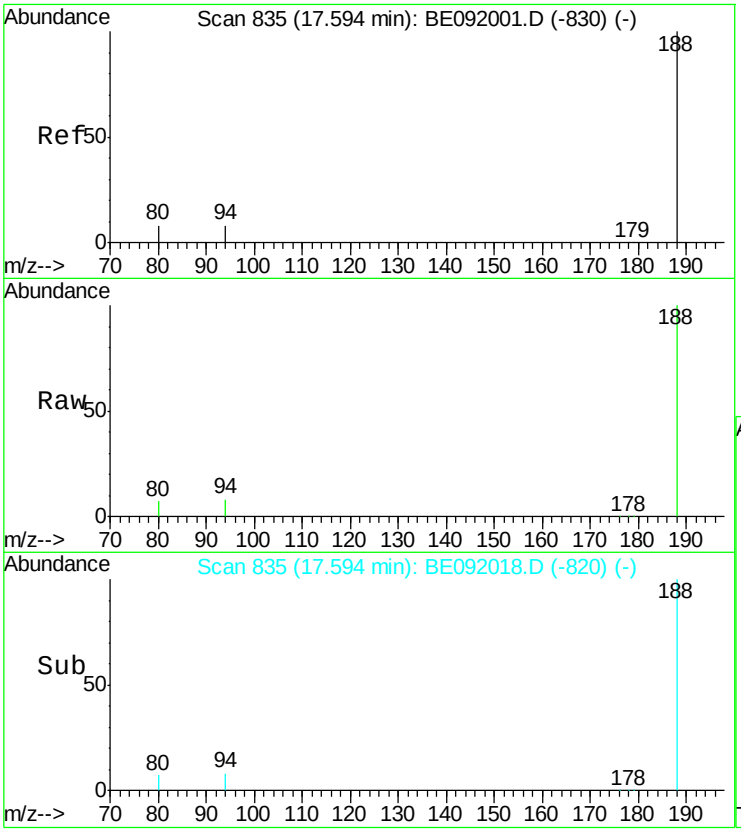


#23
4-Chlorophenyl-phenylether
Concen: 0.05 ng
RT: 15.55 min Scan# 716
Delta R.T. -0.35 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Tgt Ion:204 Resp: 670

Ion	Ratio	Lower	Upper
204	100		
206	0.0	27.8	41.6#
141	323.4	197.6	296.4#



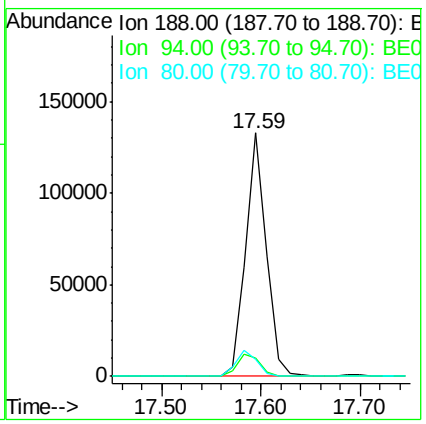


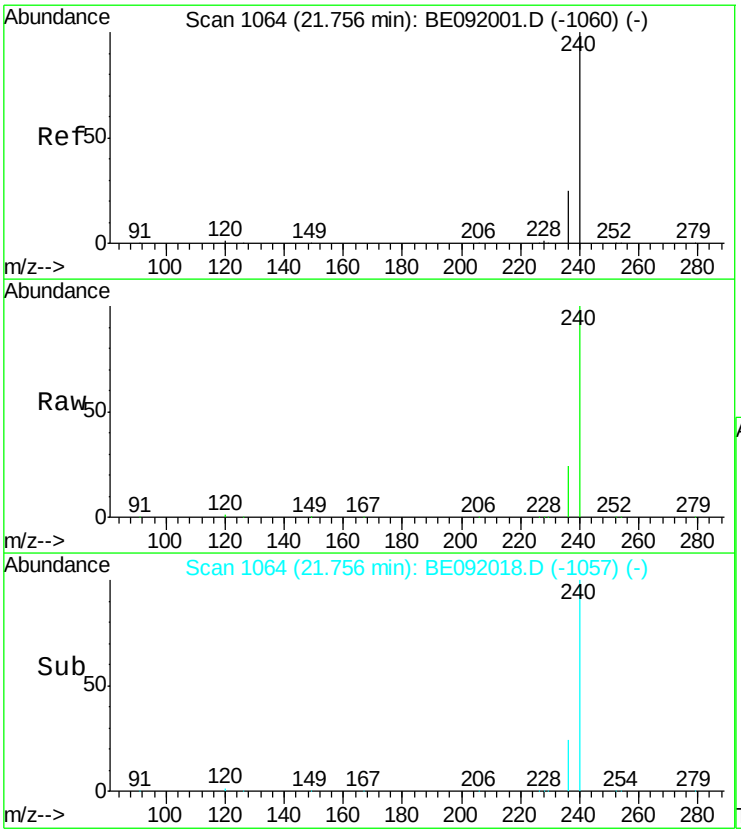
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:188 Resp: 191353

Ion	Ratio	Lower	Upper
188	100		
94	7.6	4.1	6.1#
80	7.0	3.4	5.2#

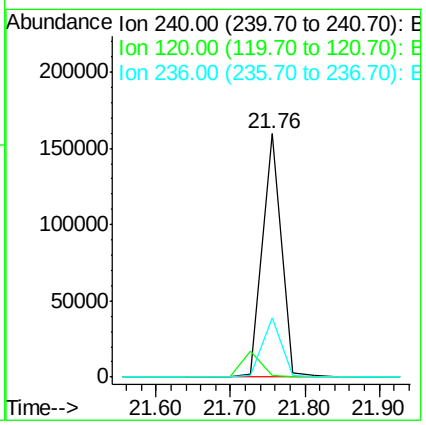


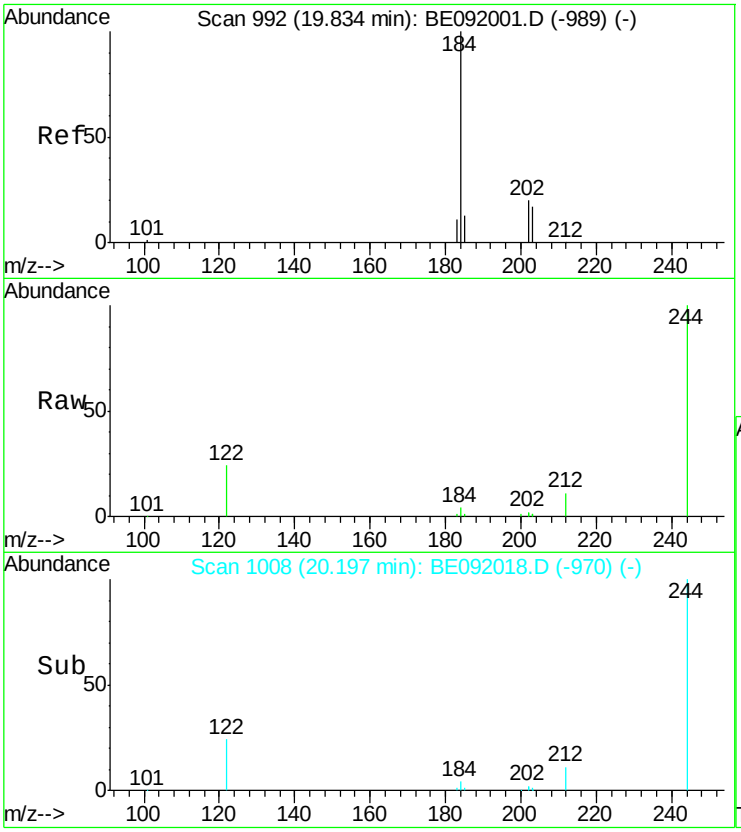


#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Tgt Ion:240 Resp: 285778

Ion	Ratio	Lower	Upper
240	100		
120	0.7	1.2	1.8#
236	24.3	19.8	29.8



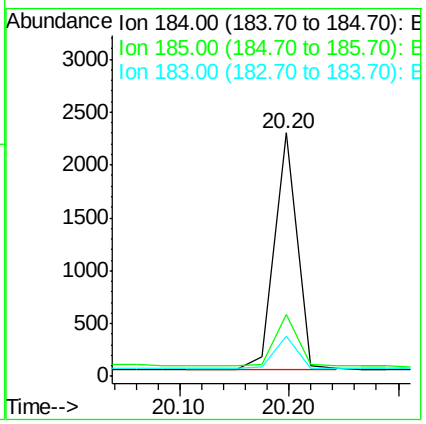


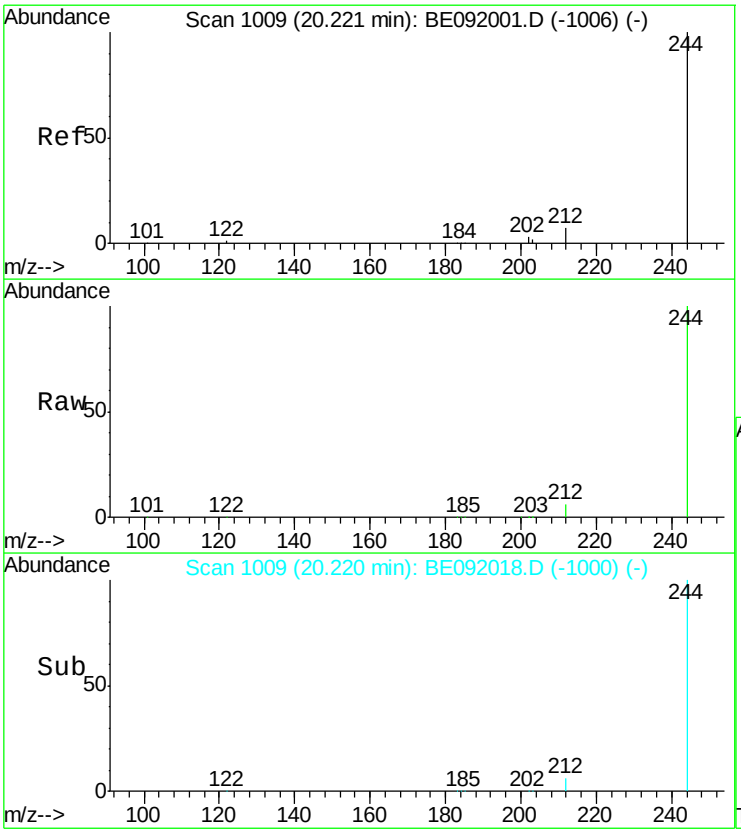
#32
Benzidine
Concen: 0.42 ng
RT: 20.20 min Scan# 1008
Delta R.T. 0.36 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:184 Resp: 3317

Ion	Ratio	Lower	Upper
184	100		
185	25.2	11.4	17.2#
183	16.7	11.8	17.6

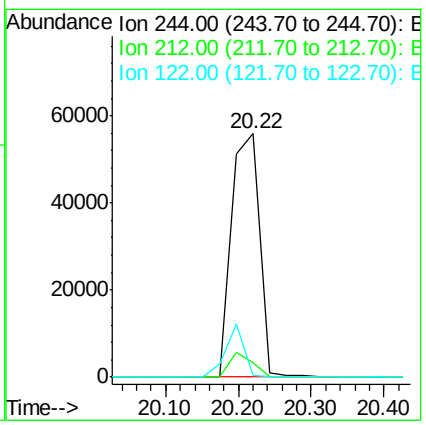


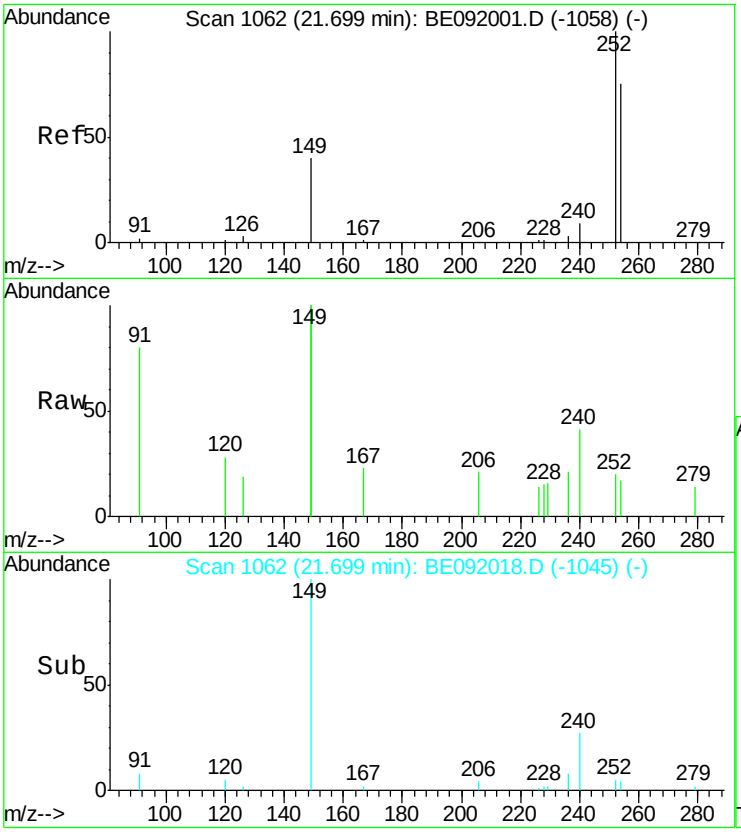


#34
Terphenyl-d14
Concen: 5.19 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Tgt Ion:244 Resp: 148851

Ion	Ratio	Lower	Upper
244	100		
212	6.0	6.5	9.7#
122	0.5	2.9	4.3#



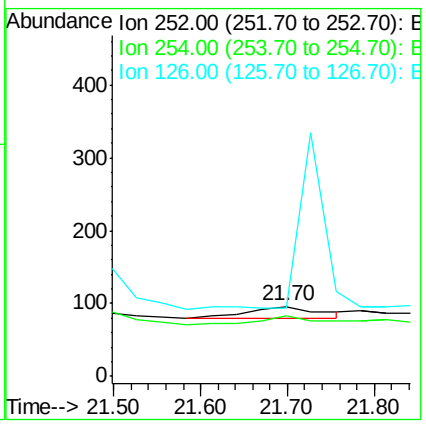


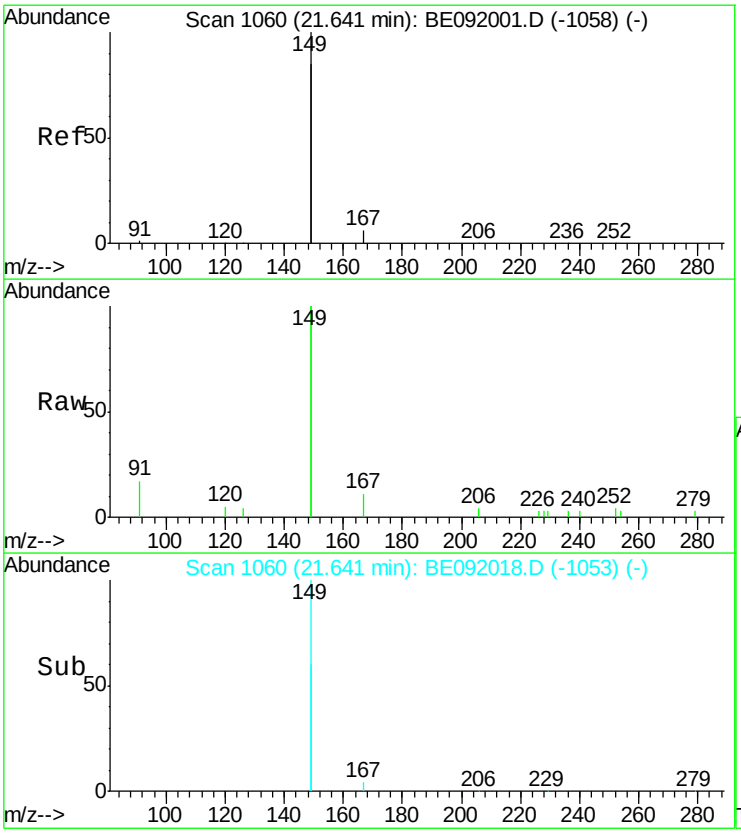
#36
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 21.70 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:252 Resp: 98

Ion	Ratio	Lower	Upper
252	100		
254	87.5	61.5	92.3
126	96.9	2.5	3.7#

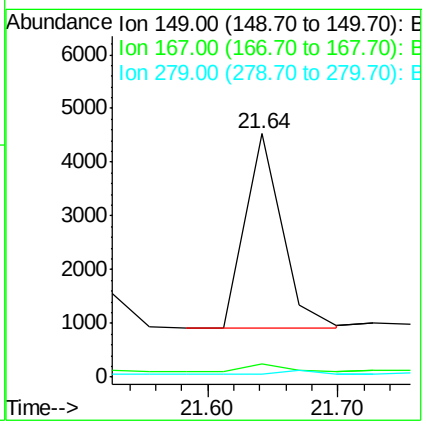


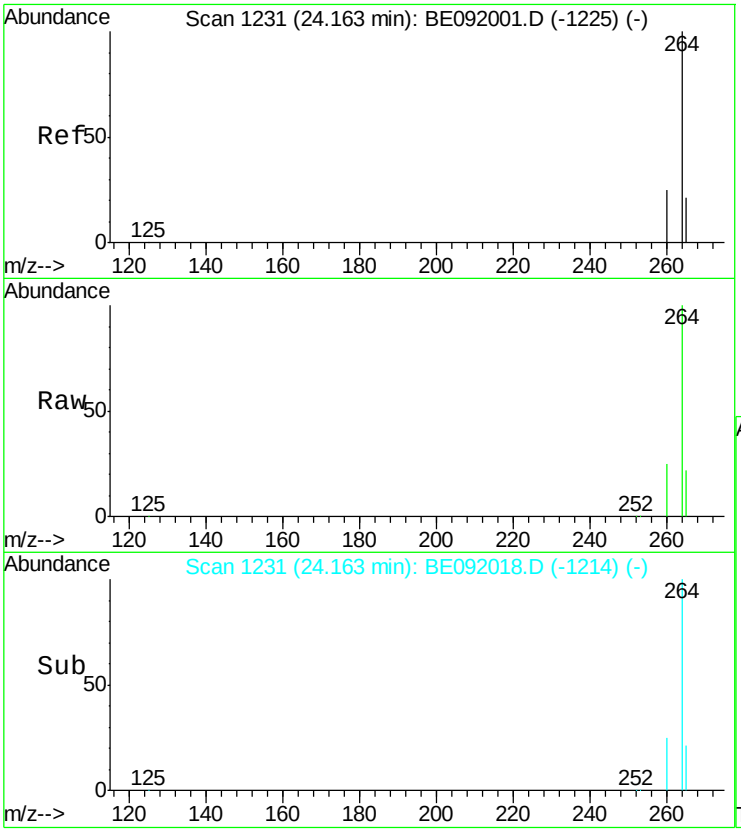


#38
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.64 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE092018.D
Acq: 22 Jul 2016 22:42

Tgt Ion:149 Resp: 7007

Ion	Ratio	Lower	Upper
149	100		
167	4.0	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: BE092018.D
Acq: 22 Jul 2016 22:42

Instrument :
BNA_E
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:264 Resp: 209691

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.3	30.5
265	21.6	17.6	26.4