Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070716\
Data File : BE091987.D
Acq On : 7 Jul 2016 19:02
Operator : UM/SJ
Sample : H3697-04
Misc : 4X internal std added
ALS Vial : 5 Sample Multiplier: 4

Instrument : BNA_E
ClientSampleId : EB-GW-02

Quant Time: Jul 08 01:06:51 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	117517	5.00	ng		0.00
8) Naphthalene-d8	10.99	136	557221	5.00	ng		0.00
15) Acenaphthene-d10	14.86	164	400254	5.00	ng		0.00
24) Phenanthrene-d10	17.59	188	803865	5.00	ng		0.00
31) Chrysene-d12	21.76	240	1087948	5.00	ng		0.00
40) Perylene-d12	24.18	264	930490	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.72	112	468301	66.63	ng		0.00
5) Phenol-d6	7.35	99	416381	42.64	ng		-0.02
9) Nitrobenzene-d5	9.37	82	1022477	107.76	ng		-0.02
16) 2,4,6-Tribromophenol	16.35	330	432110	118.98	ng		0.00
17) 2-Fluorobiphenyl	13.49	172	1924292	78.83	ng		0.00
34) Terphenyl-d14	20.22	244	2469326	76.97	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.80	42	20165	1.01	ng	#	1
7) n-Nitroso-di-n-propylamine	8.79	70	4952	0.15	ng	#	15
10) Nitrobenzene	9.37	77	3454	0.08	ng	#	47
12) Naphthalene	11.04	128	2657	0.02	ng	#	92
19) 2,6-Dinitrotoluene	14.38	165	9339	0.21	ng	#	1
21) 2,4-Dinitrotoluene	14.86	165	212537	1.79	ng	#	1
27) Pentachlorophenol	17.25	266	388	0.15	ng		94
32) Benzidine	20.20	184	42056	0.69	ng		97
35) Benzo(a)anthracene	21.76	228	6102	0.03	ng	#	72
36) 3,3'-Dichlorobenzidine	21.67	252	74	Below Cal		#	70
37) Chrysene	21.76	228	6133	0.02	ng	#	63
38) Bis(2-ethylhexyl)phthalate	21.73	149	112689	0.53	ng	#	100

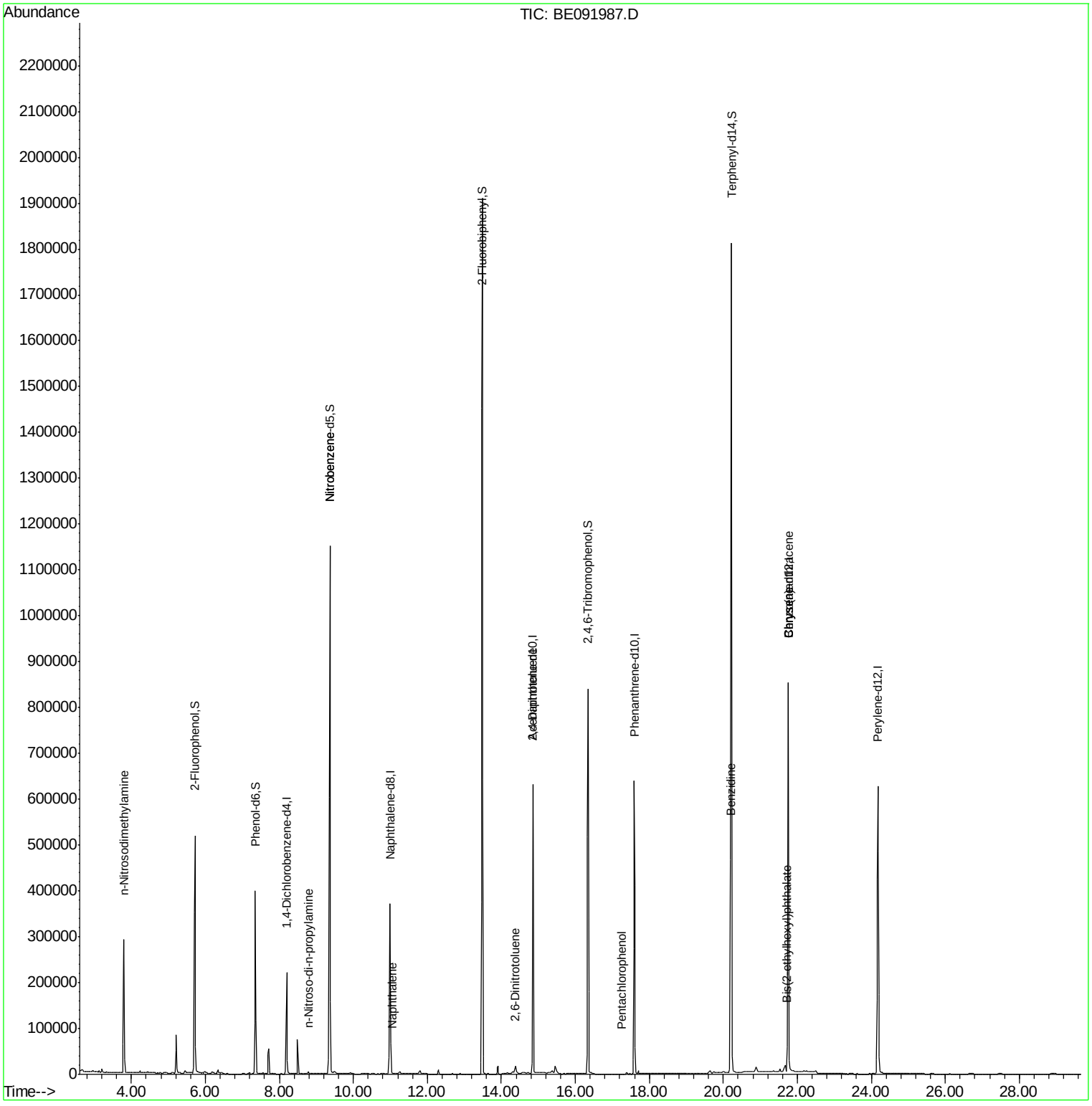
(#) = qualifier out of range (m) = manual integration (+) = signals summed

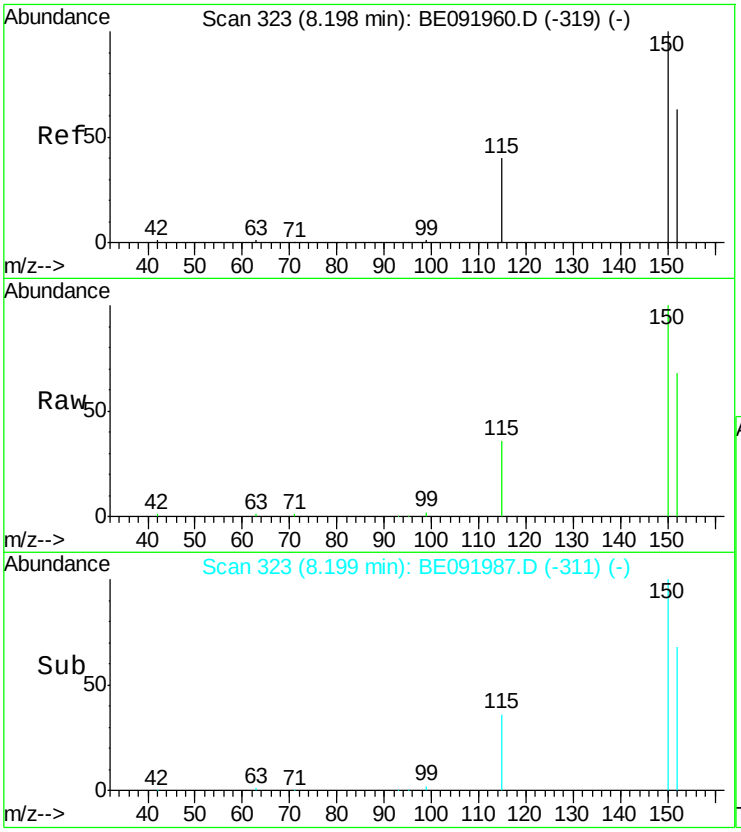
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070716\
Data File : BE091987.D
Acq On : 7 Jul 2016 19:02
Operator : UM/SJ
Sample : H3697-04
Misc : 4X internal std added
ALS Vial : 5 Sample Multiplier: 4

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Quant Time: Jul 08 01:06:51 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration



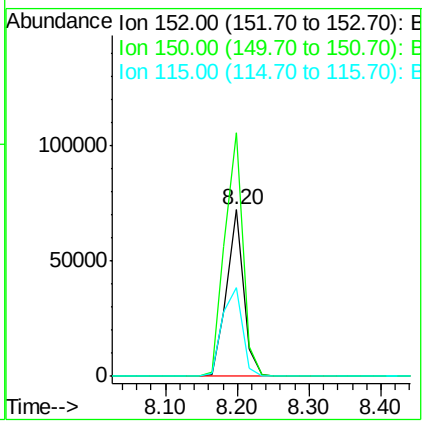


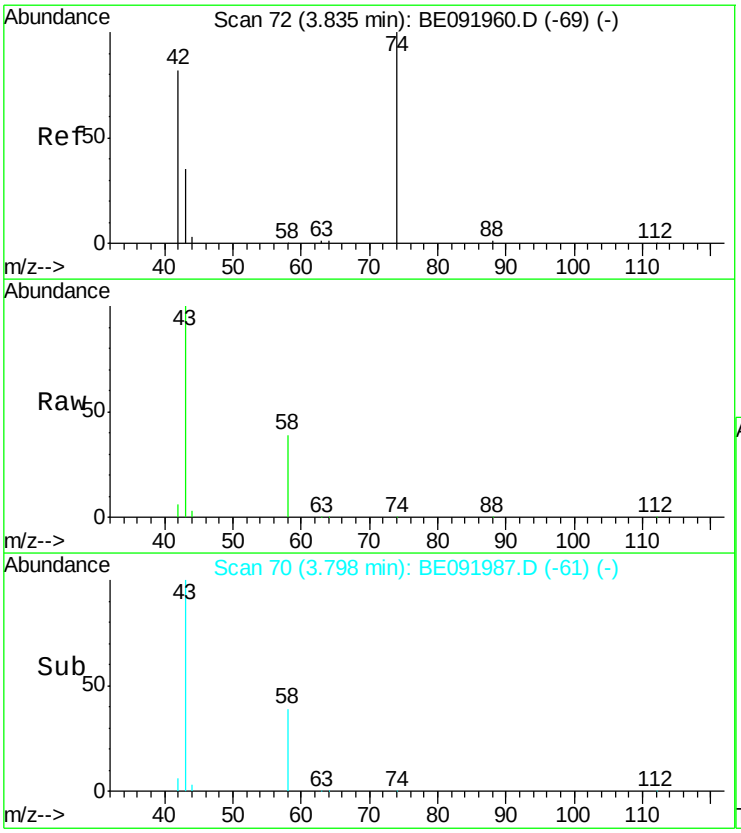
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion:152 Resp: 117517

Ion	Ratio	Lower	Upper
152	100		
150	146.3	123.9	185.9
115	53.3	48.3	72.5

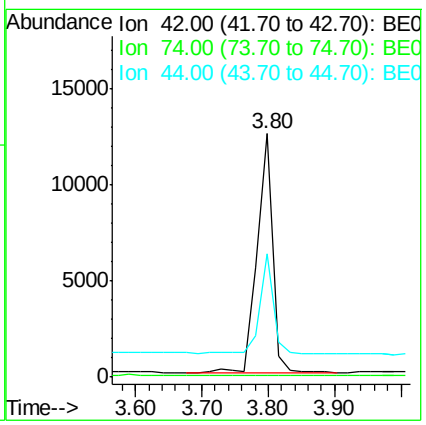


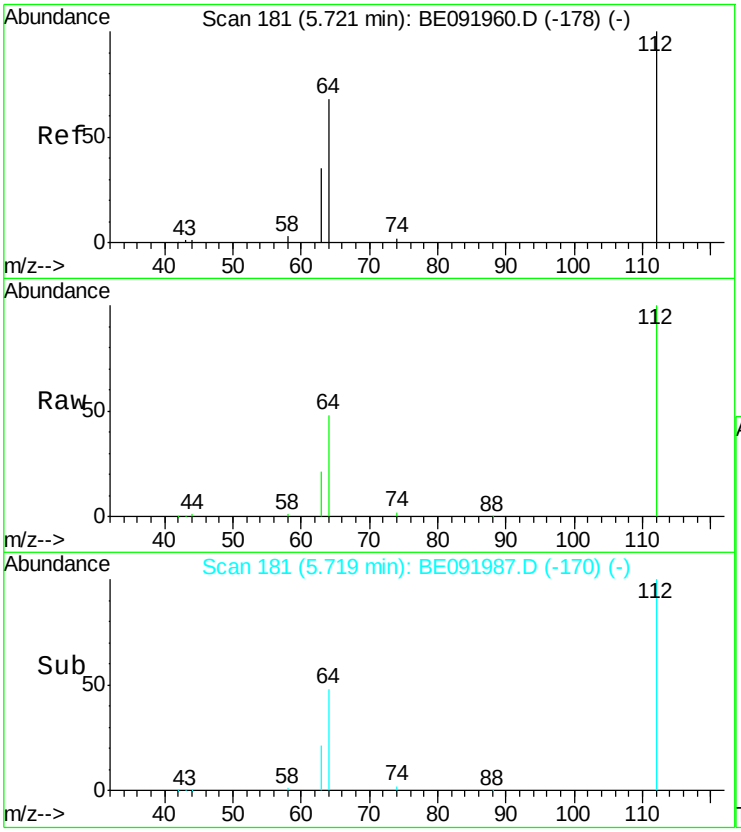


#3
n-Nitrosodimethylamine
Concen: 1.01 ng
RT: 3.80 min Scan# 70
Delta R.T. -0.04 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion: 42 Resp: 20165

Ion	Ratio	Lower	Upper
42	100		
74	0.3	93.4	140.0#
44	37.7	5.0	7.6#



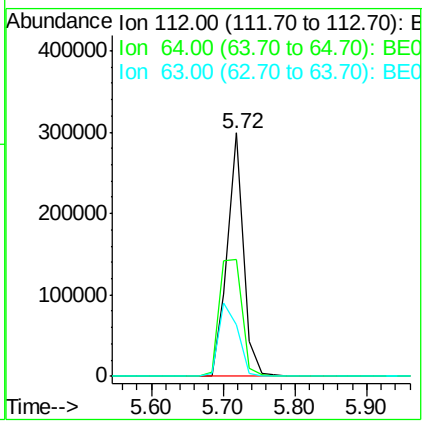


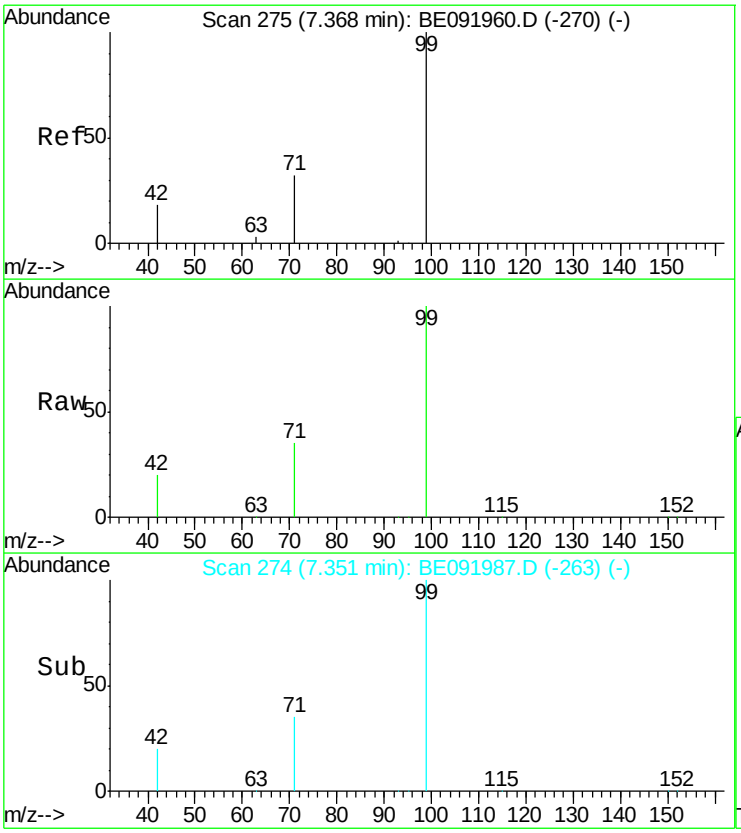
#4
2-Fluorophenol
Concen: 66.63 ng
RT: 5.72 min Scan# 181
Delta R.T. -0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion:112 Resp: 468301

Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.7	80.5
63	36.3	29.5	44.3

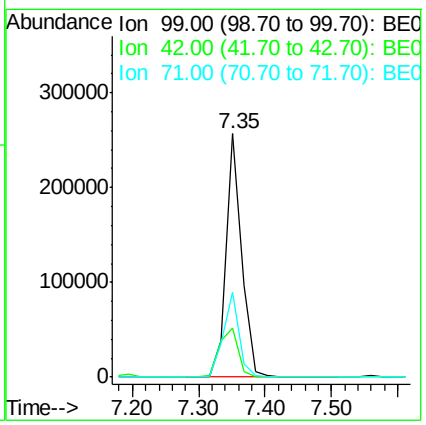


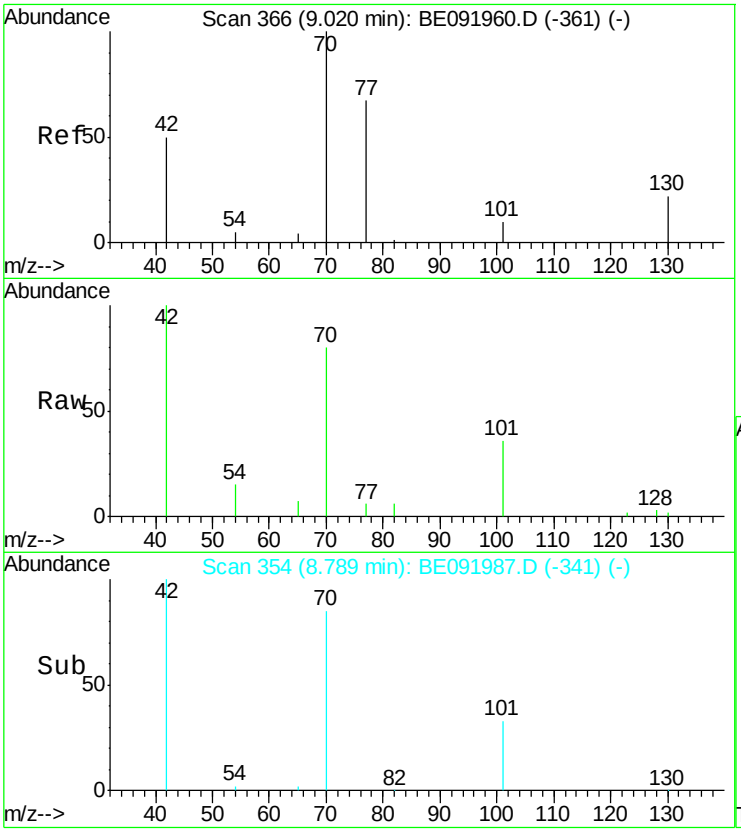


#5
Phenol-d6
Concen: 42.64 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion: 99 Resp: 416381

Ion	Ratio	Lower	Upper
99	100		
42	24.5	19.6	29.4
71	36.0	28.1	42.1



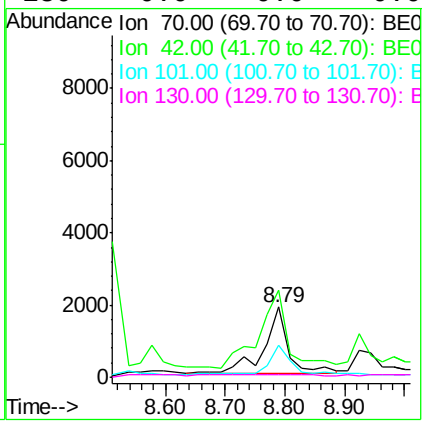


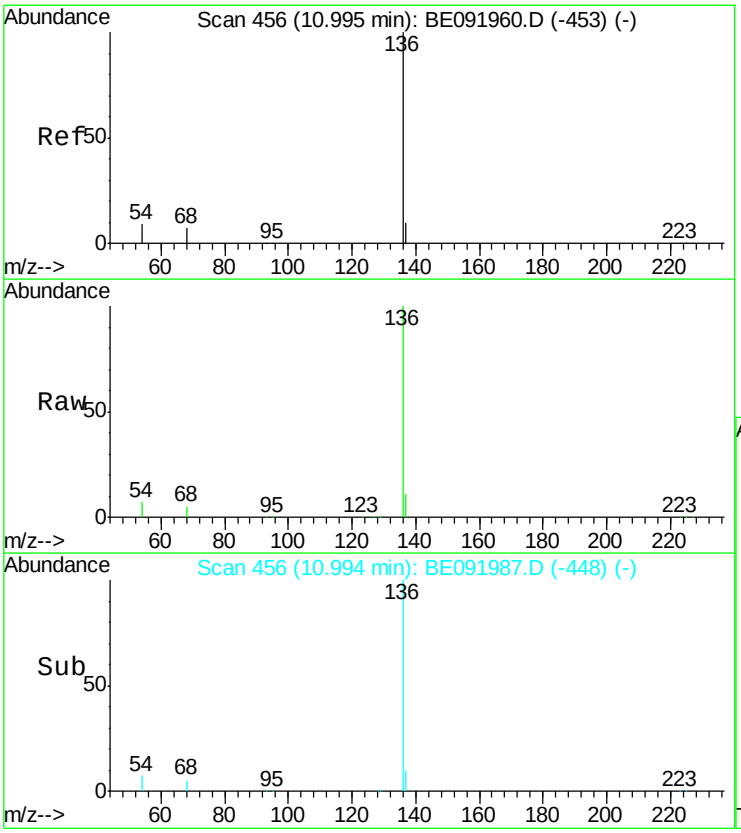
#7
n-Nitroso-di-n-propylamine
Concen: 0.15 ng
RT: 8.79 min Scan# 354
Delta R.T. -0.23 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion: 70 Resp: 4952

Ion	Ratio	Lower	Upper
70	100		
42	143.2	58.4	87.6#
101	43.6	6.4	9.6#
130	0.0	0.0	0.0

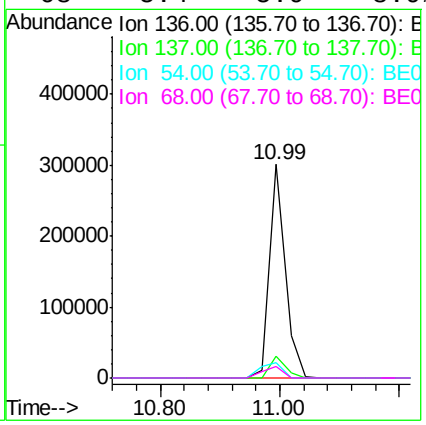


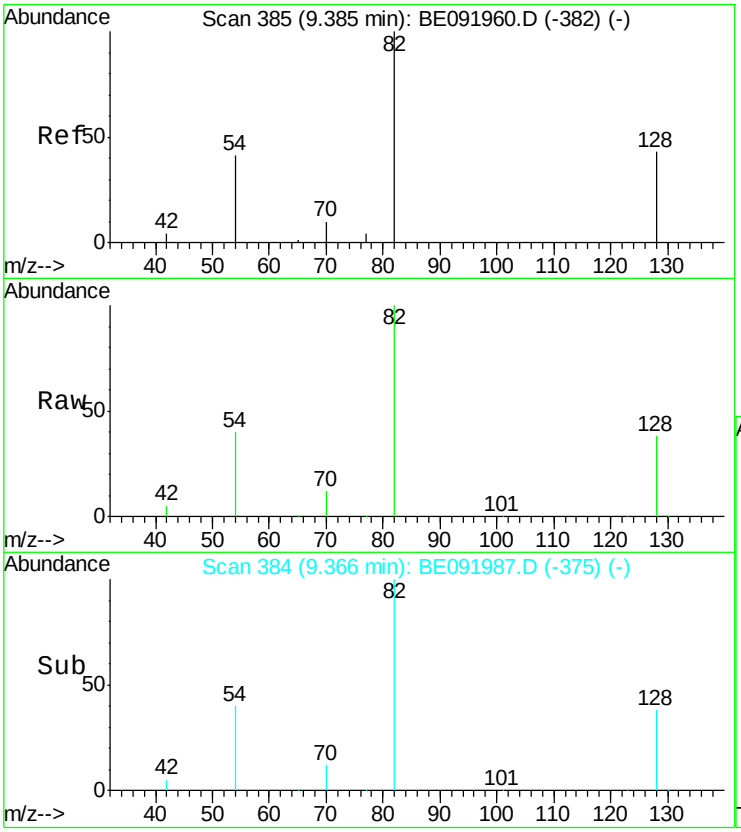


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 456
Delta R.T. -0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:136 Resp: 557221

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	7.0	8.2	12.4#
68	5.4	5.9	8.9#



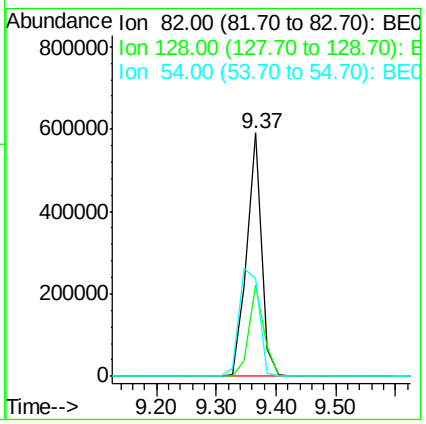


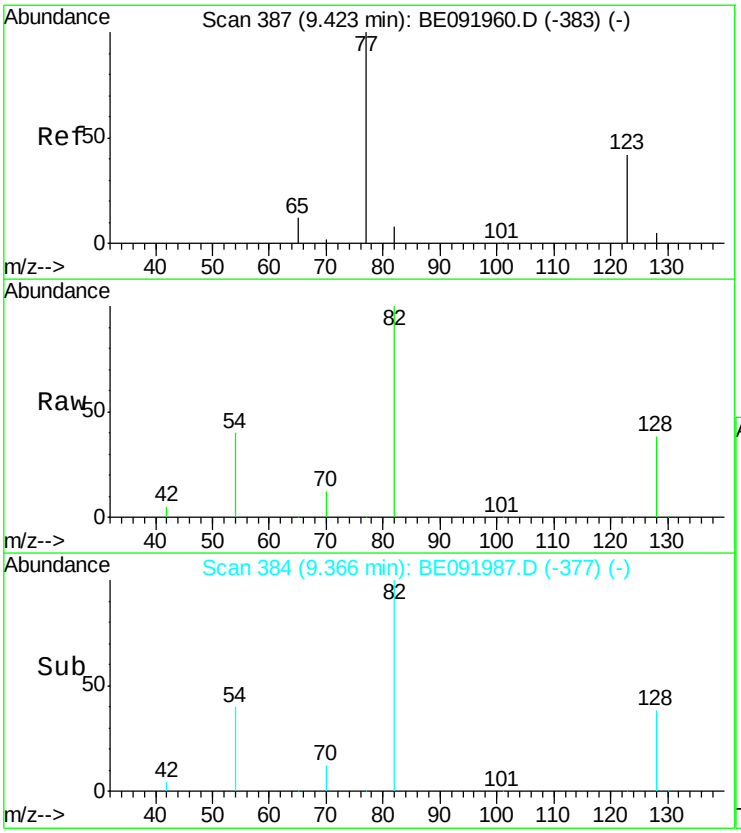
#9
Nitrobenzene-d5
Concen: 107.76 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion: 82 Resp: 1022477

Ion	Ratio	Lower	Upper
82	100		
128	37.6	39.5	59.3#
54	39.9	30.3	45.5

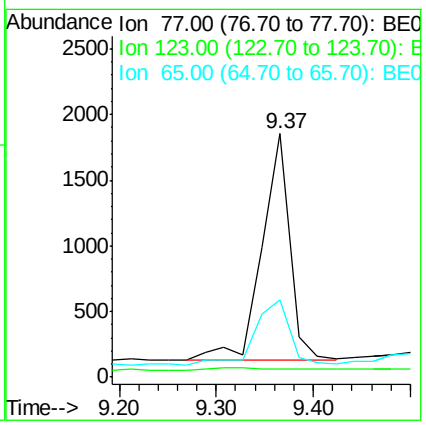


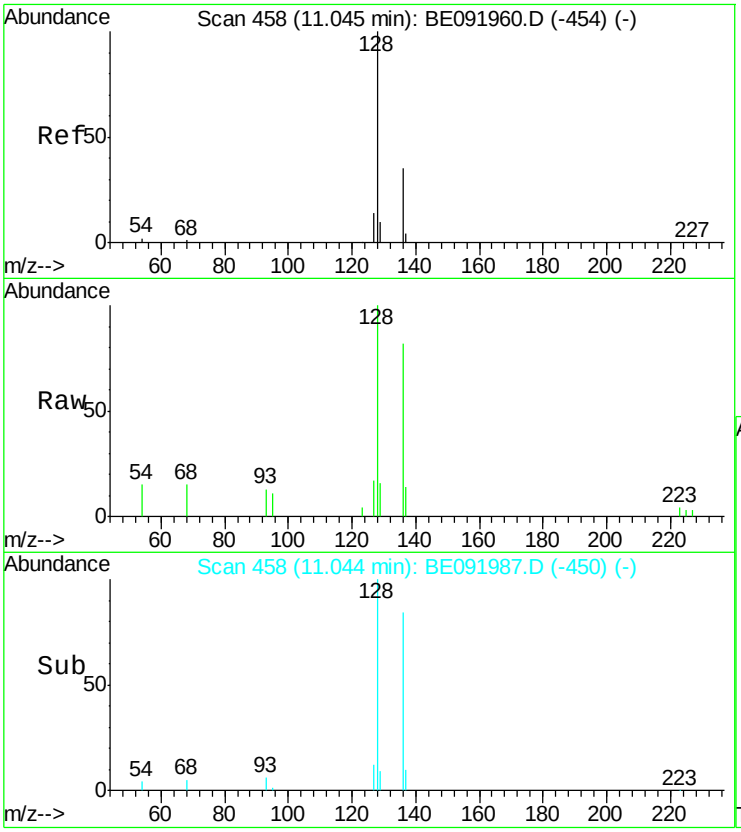


#10
Nitrobenzene
Concen: 0.08 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.06 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion: 77 Resp: 3454

Ion	Ratio	Lower	Upper
77	100		
123	0.0	0.0	0.0
65	35.4	11.1	16.7#



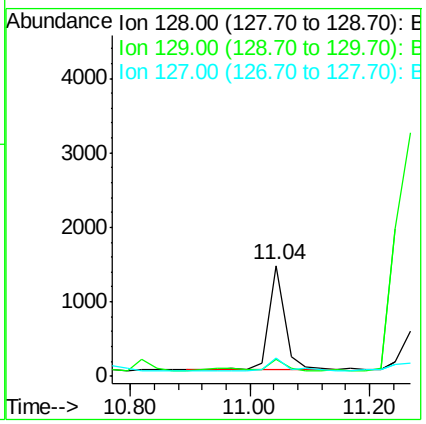


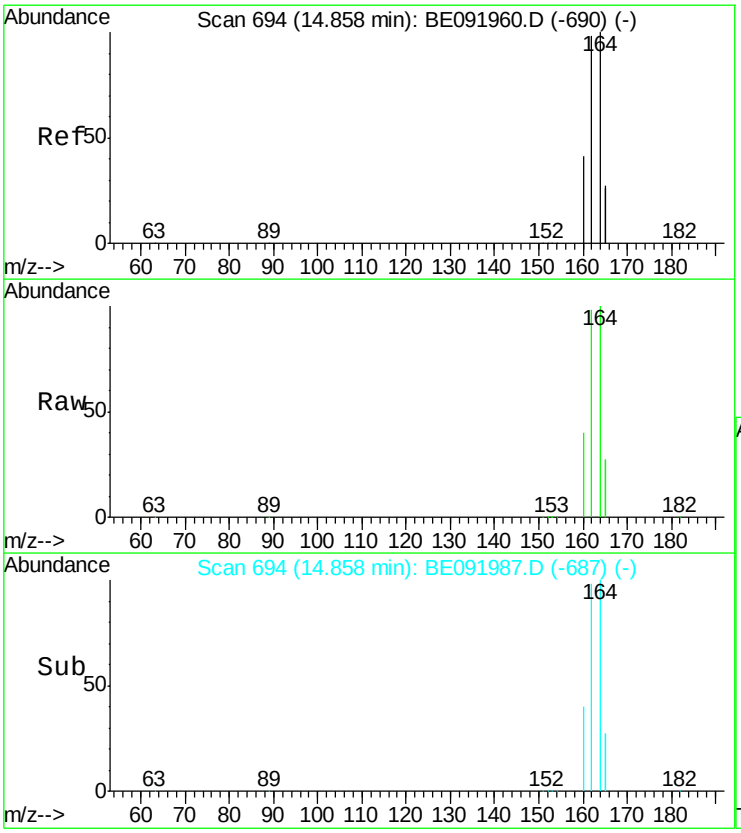
#12
Naphthalene
Concen: 0.02 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion:128 Resp: 2657

Ion	Ratio	Lower	Upper
128	100		
129	15.6	10.4	15.6#
127	16.7	10.2	15.2#

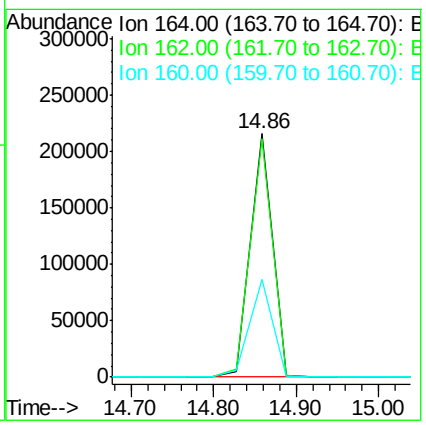


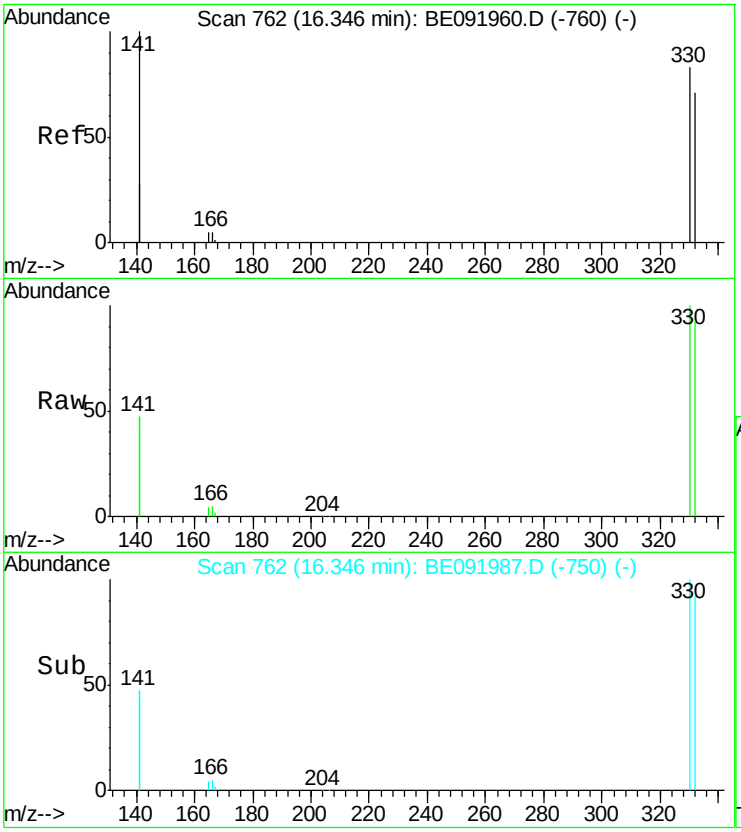


#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:164 Resp: 400254

Ion	Ratio	Lower	Upper
164	100		
162	97.8	71.8	107.8
160	40.0	28.0	42.0



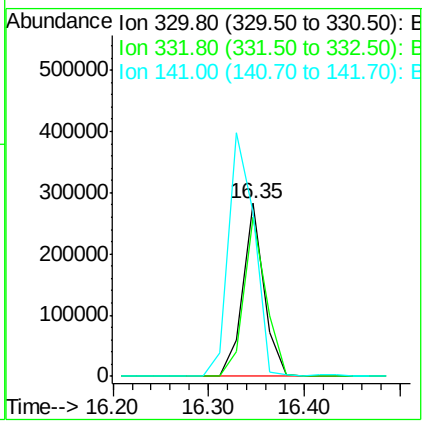


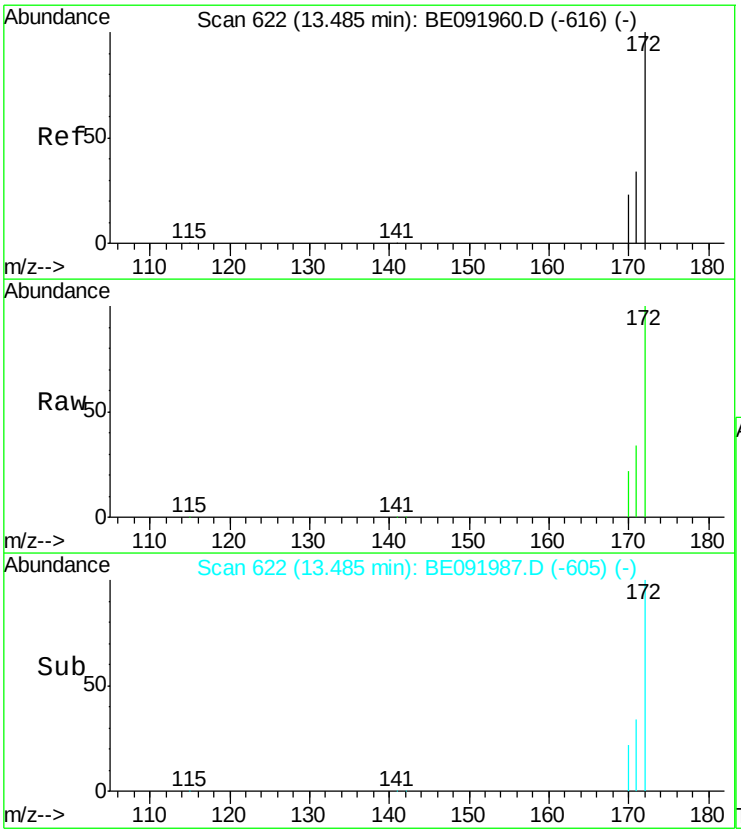
#16
2,4,6-Tribromophenol
Concen: 118.98 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion:330 Resp: 432110

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	170.9	138.4	207.6

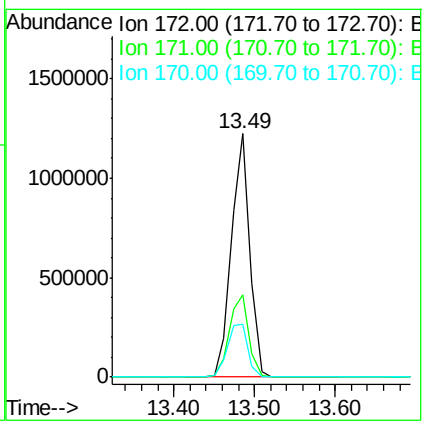


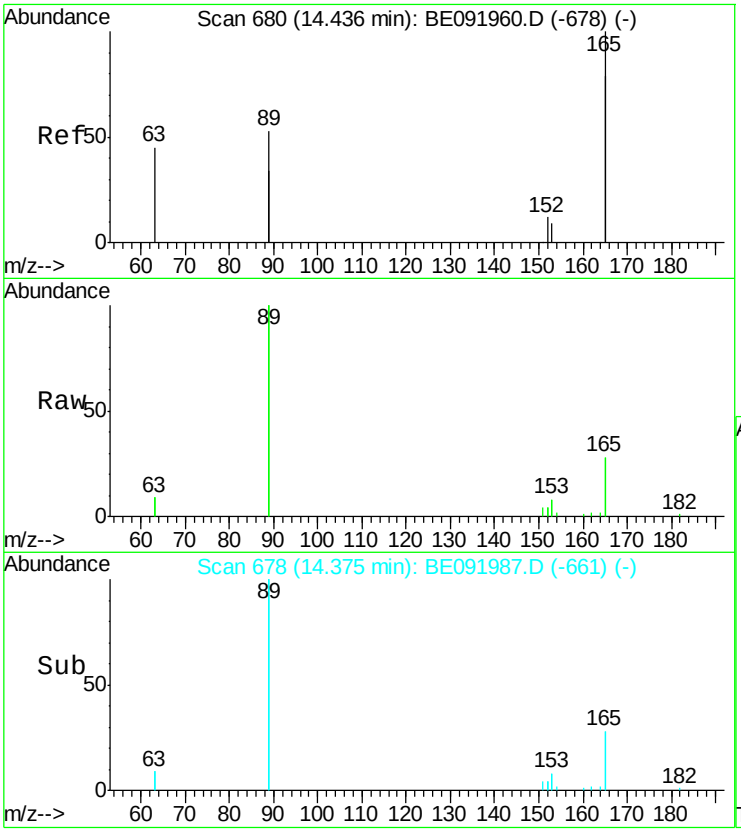


#17
2-Fluorobiphenyl
Concen: 78.83 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:172 Resp: 1924292

Ion	Ratio	Lower	Upper
172	100		
171	34.1	24.3	36.5
170	21.6	14.9	22.3



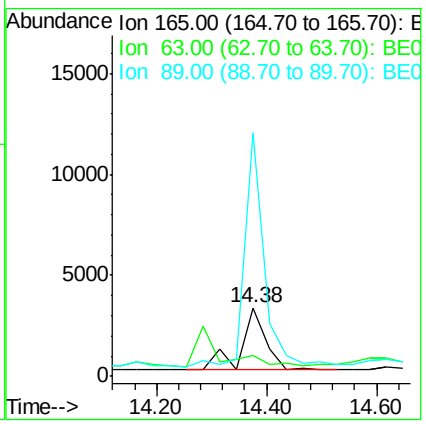


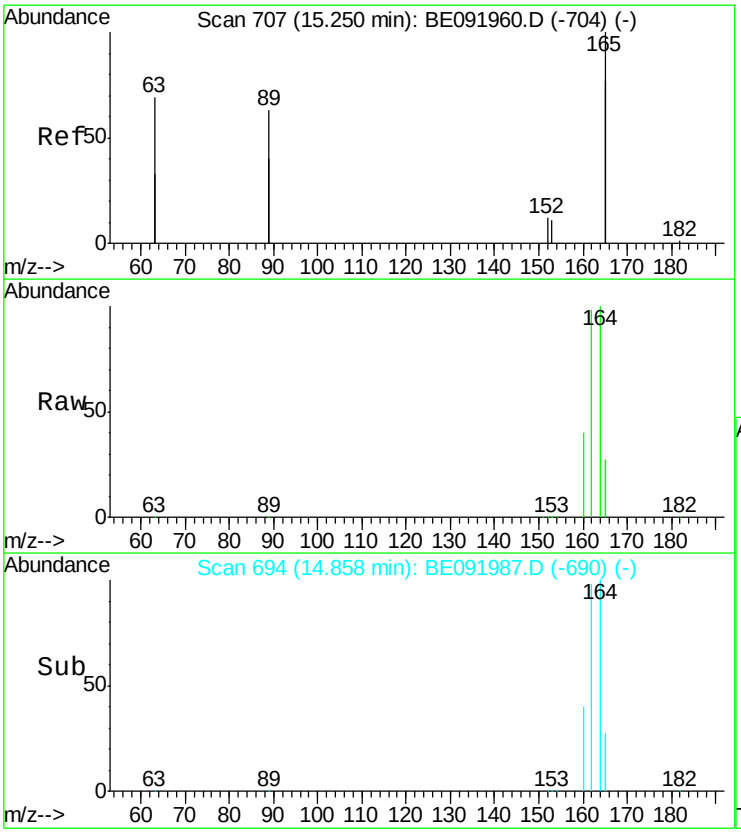
#19
2,6-Dinitrotoluene
Concen: 0.21 ng
RT: 14.38 min Scan# 678
Delta R.T. -0.06 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion:165 Resp: 9339

Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	322.3	59.1	88.7#

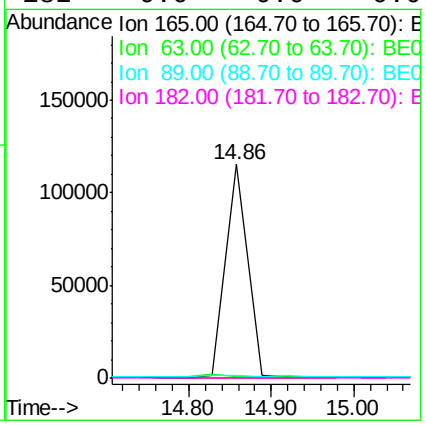


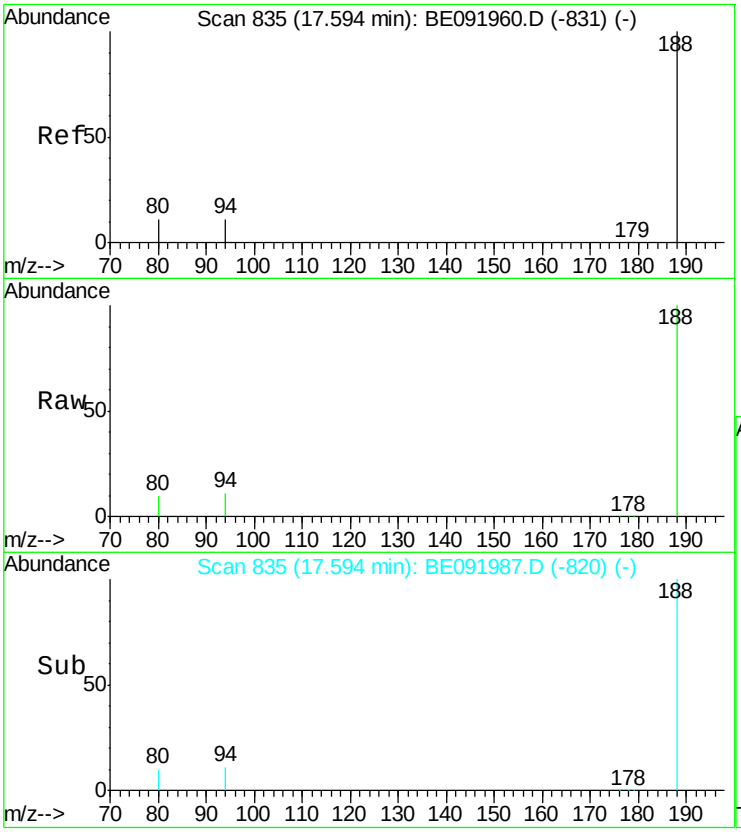


#21
2,4-Dinitrotoluene
Concen: 1.79 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.39 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:165 Resp: 212537

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



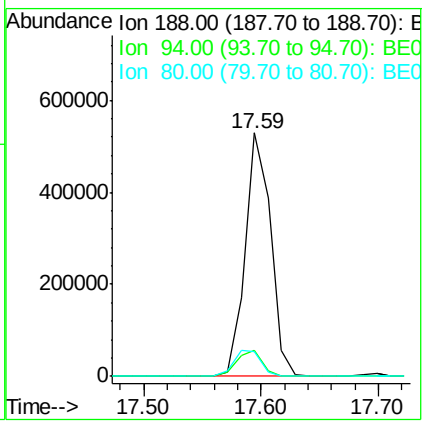


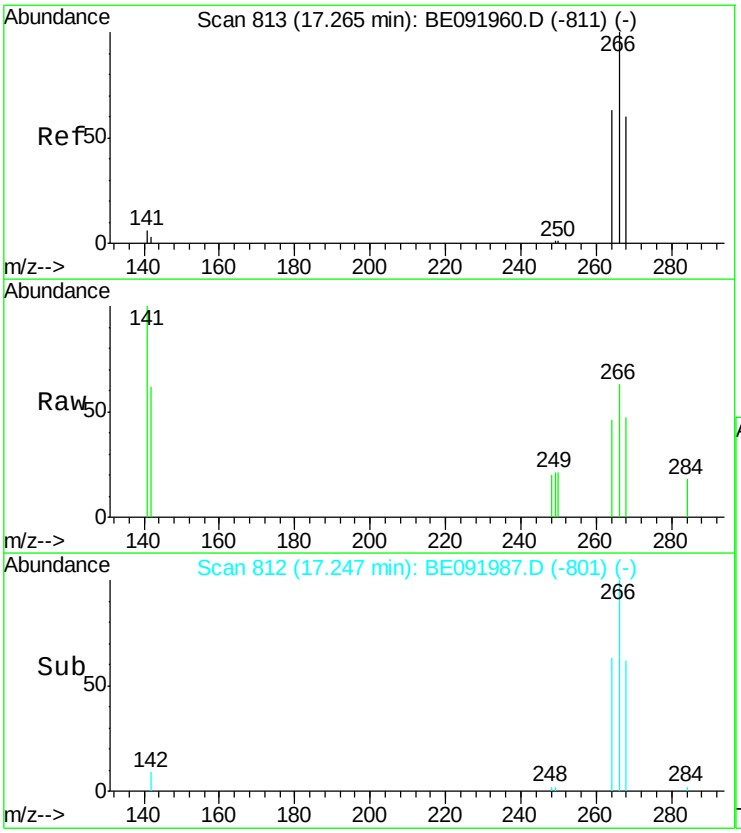
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion:188 Resp: 803865

Ion	Ratio	Lower	Upper
188	100		
94	10.6	4.1	6.1#
80	10.3	3.4	5.2#

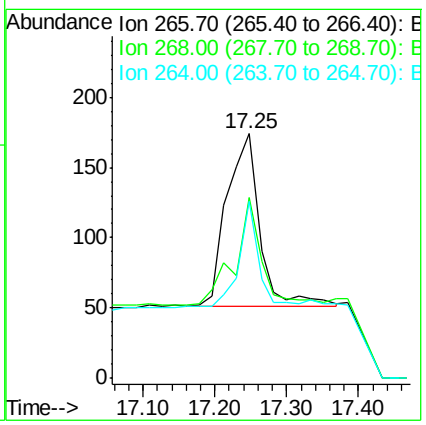


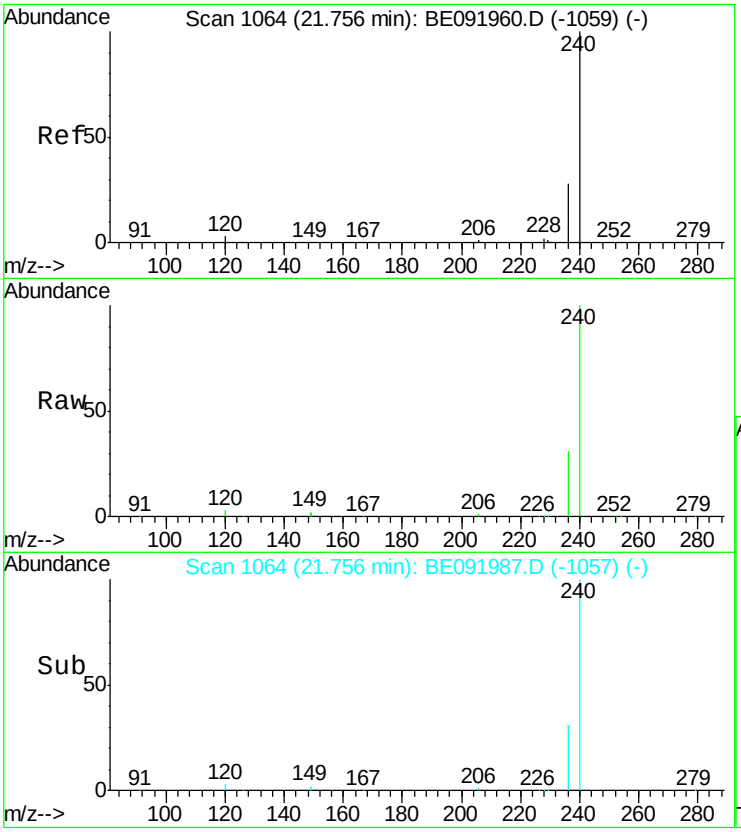


#27
Pentachlorophenol
Concen: 0.15 ng
RT: 17.25 min Scan# 812
Delta R.T. -0.02 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:266 Resp: 388

Ion	Ratio	Lower	Upper
266	100		
268	74.1	60.5	90.7
264	72.4	51.0	76.4



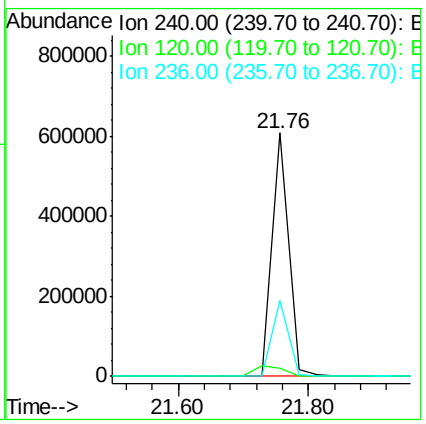


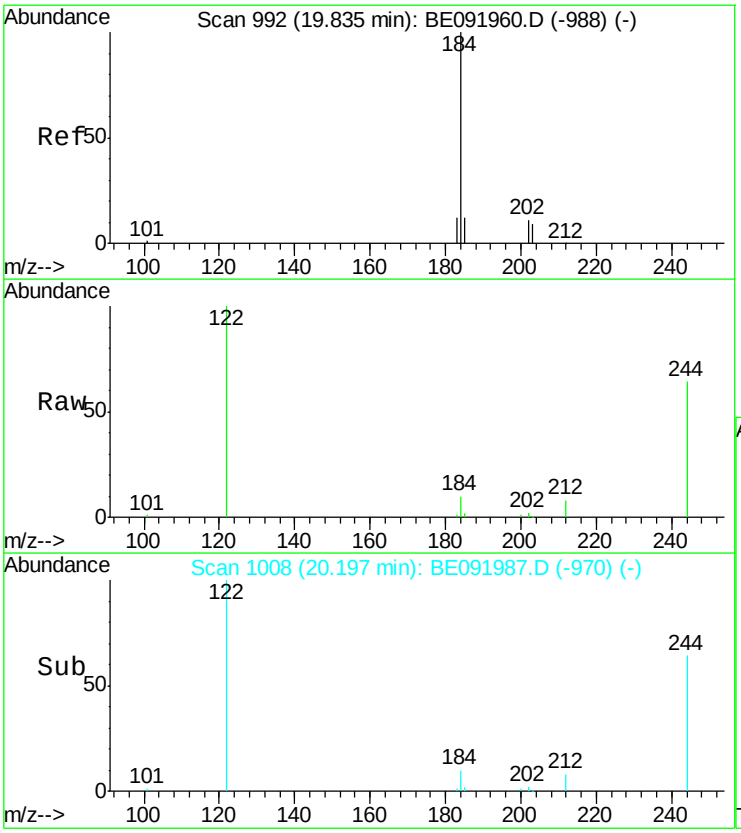
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion:240 Resp: 1087948

Ion	Ratio	Lower	Upper
240	100		
120	3.1	1.2	1.8#
236	31.4	19.8	29.8#

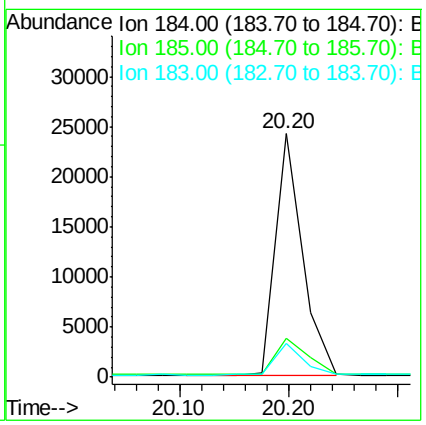


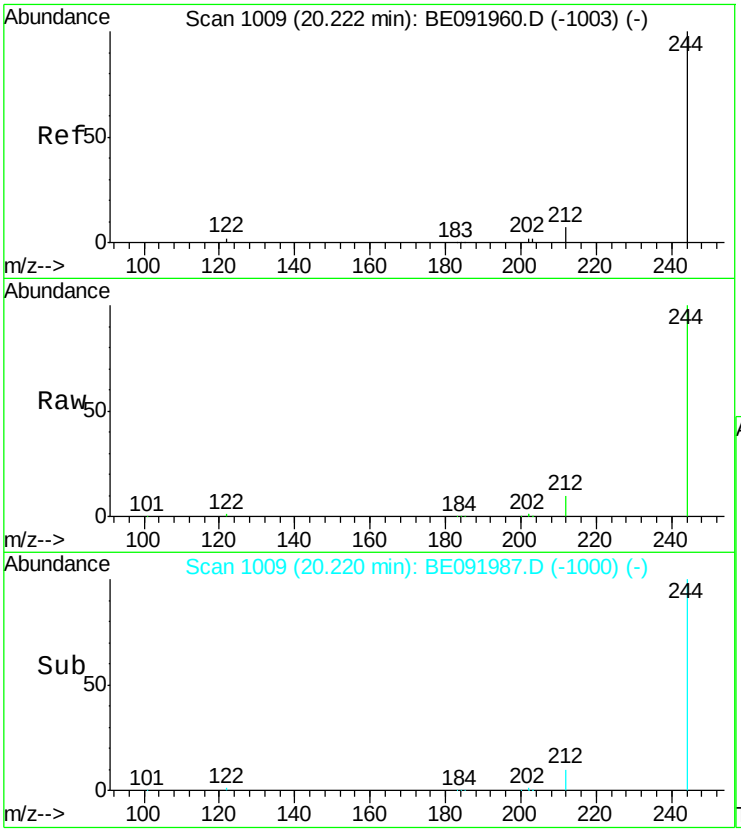


#32
Benzidine
Concen: 0.69 ng
RT: 20.20 min Scan# 1008
Delta R.T. 0.36 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:184 Resp: 42056

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.4	17.2
183	13.9	11.8	17.6



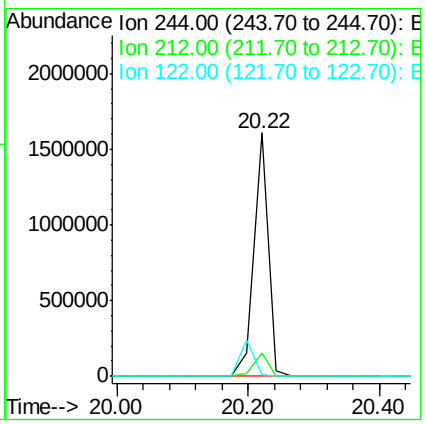


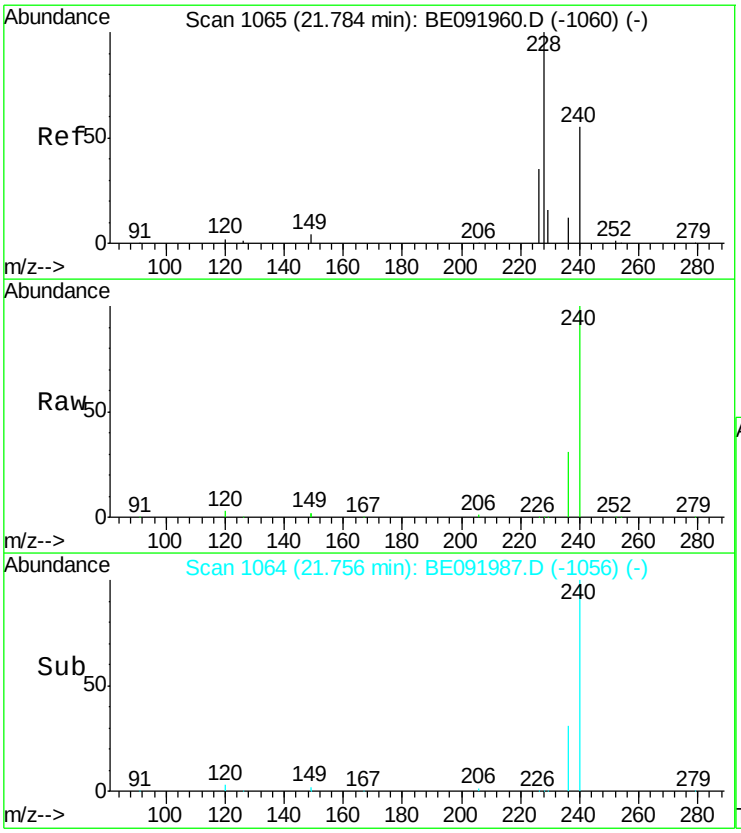
#34
Terphenyl-d14
Concen: 76.97 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion:244 Resp: 2469326

Ion	Ratio	Lower	Upper
244	100		
212	9.6	6.5	9.7
122	0.9	2.9	4.3#

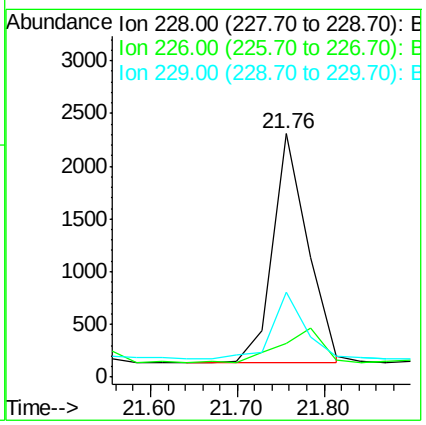


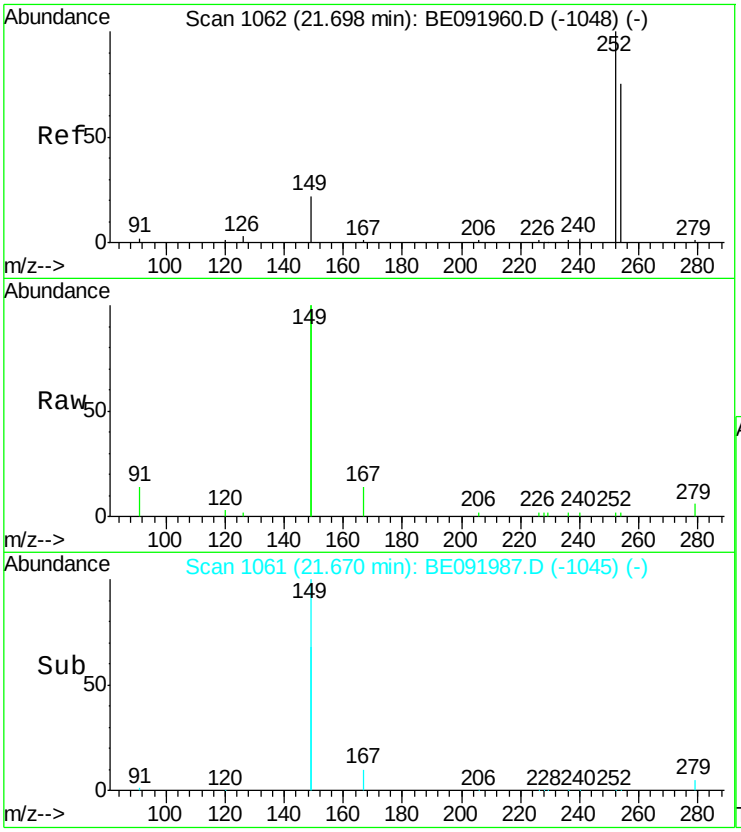


#35
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.03 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:228 Resp: 6102

Ion	Ratio	Lower	Upper
228	100		
226	13.8	21.0	31.4#
229	35.1	15.8	23.8#



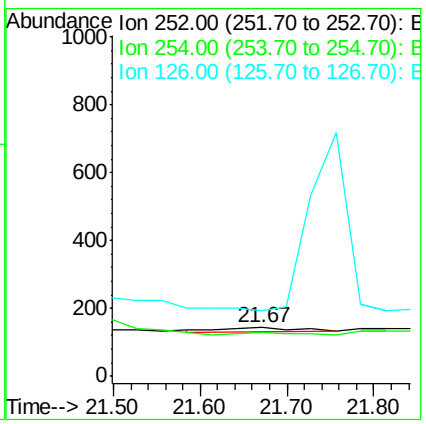


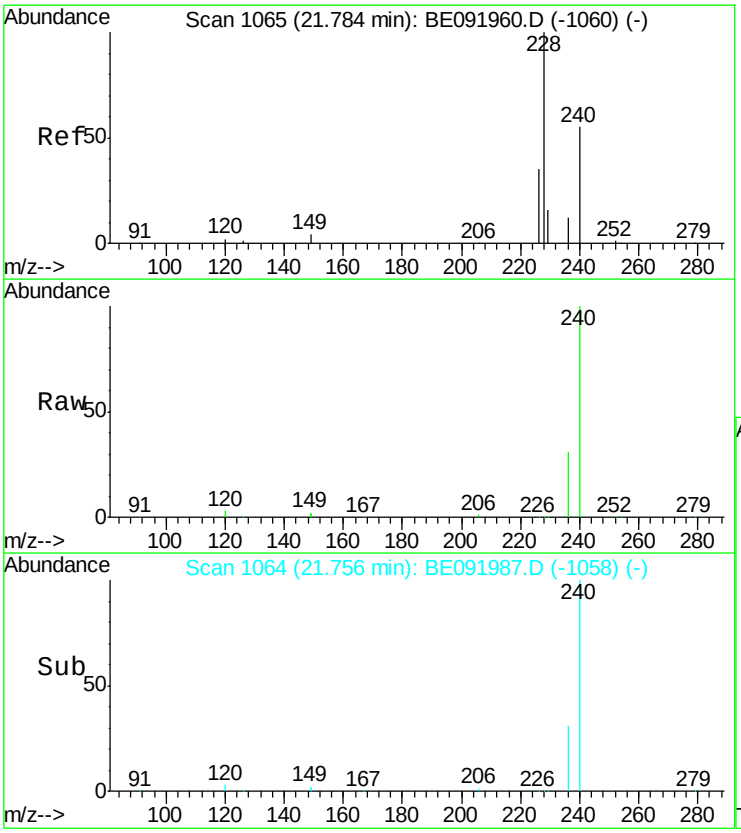
#36
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.67 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion:252 Resp: 74

Ion	Ratio	Lower	Upper
252	100		
254	89.5	61.5	92.3
126	135.7	2.5	3.7#

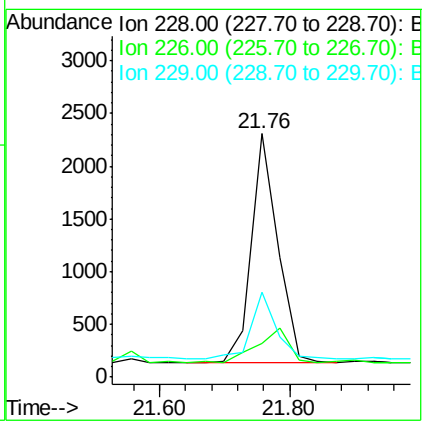


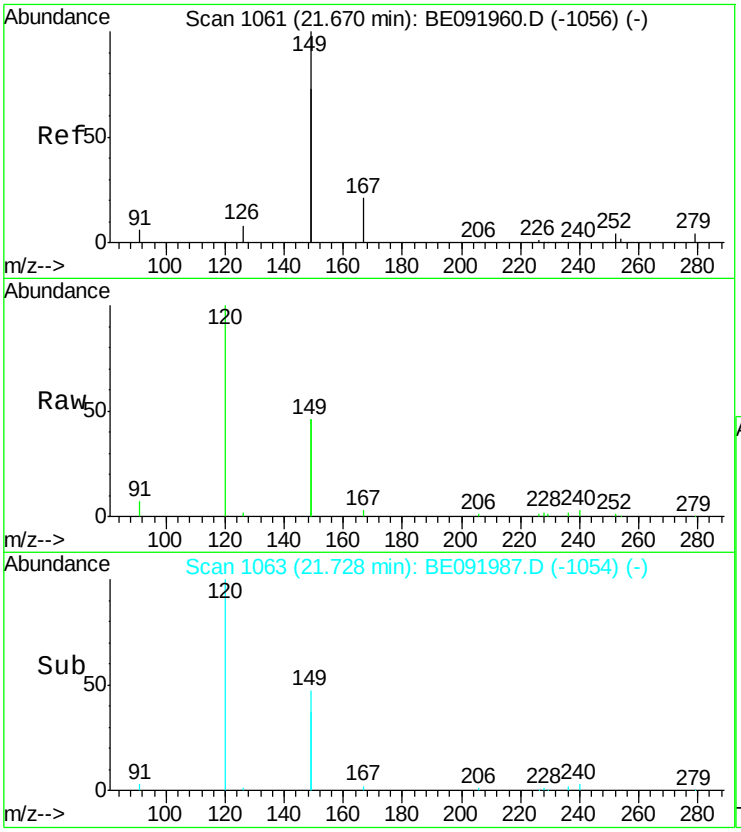


#37
Chrysene
Concen: 0.02 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.03 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:228 Resp: 6133

Ion	Ratio	Lower	Upper
228	100		
226	13.8	27.0	40.6#
229	35.1	13.8	20.8#



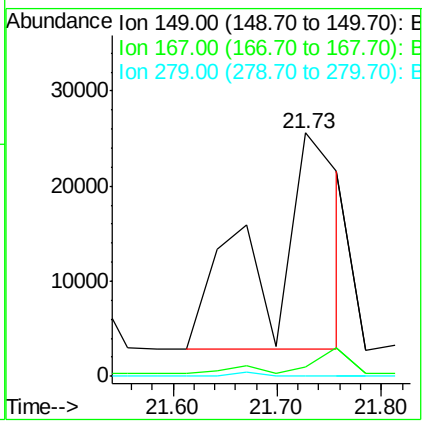


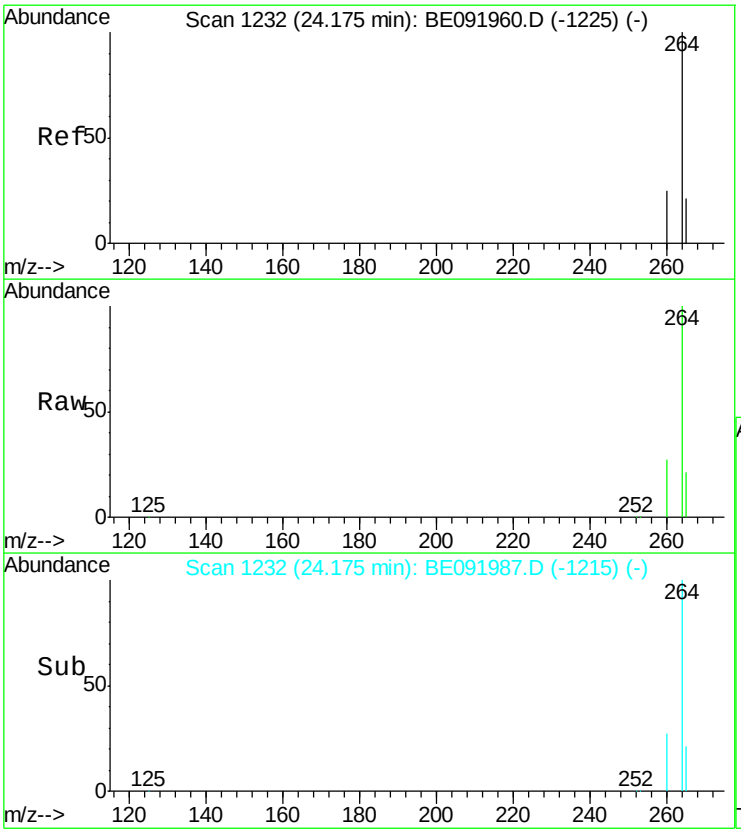
#38
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 21.73 min Scan# 1063
Delta R.T. 0.06 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tgt Ion:149 Resp: 112689

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





#40
Perylene-d12
Concen: 5.00 ng
RT: 24.18 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:264 Resp: 930490

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.3	30.5
265	21.4	17.6	26.4