Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034982.D
Acq On : 8 Jun 2018 11:01
Operator : SJ/JU
Sample : J3325-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 08 12:27:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41987	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	153402	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	105962	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	280550	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	323141	20.00	ng	-0.02
86) Perylene-d12	24.95	264	306812	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	340693	136.94	ng	0.00
7) Phenol-d6	7.23	99	446449	121.58	ng	0.00
23) Nitrobenzene-d5	9.24	82	352982	109.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	218065	160.76	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	749618	91.97	ng	-0.01
78) Terphenyl-d14	20.05	244	1488264	96.47	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	9.20	117	2502	2.176	ng	# 1
19) n-Nitroso-di-n-propylamine	9.24	70	49730	15.941	ng	# 69
50) 2,6-Dinitrotoluene	14.70	165	13917	8.256	ng	# 21
56) 2,4-Dinitrotoluene	14.70	165	13917	6.215	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	17251	5.106	ng	# 1
76) Benzidine	20.05	184	28505	2.371	ng	# 93

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

Quantitation Report (Not Reviewed)

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Acq On : 8 Jun 2018 11:01
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ClientSampleId :

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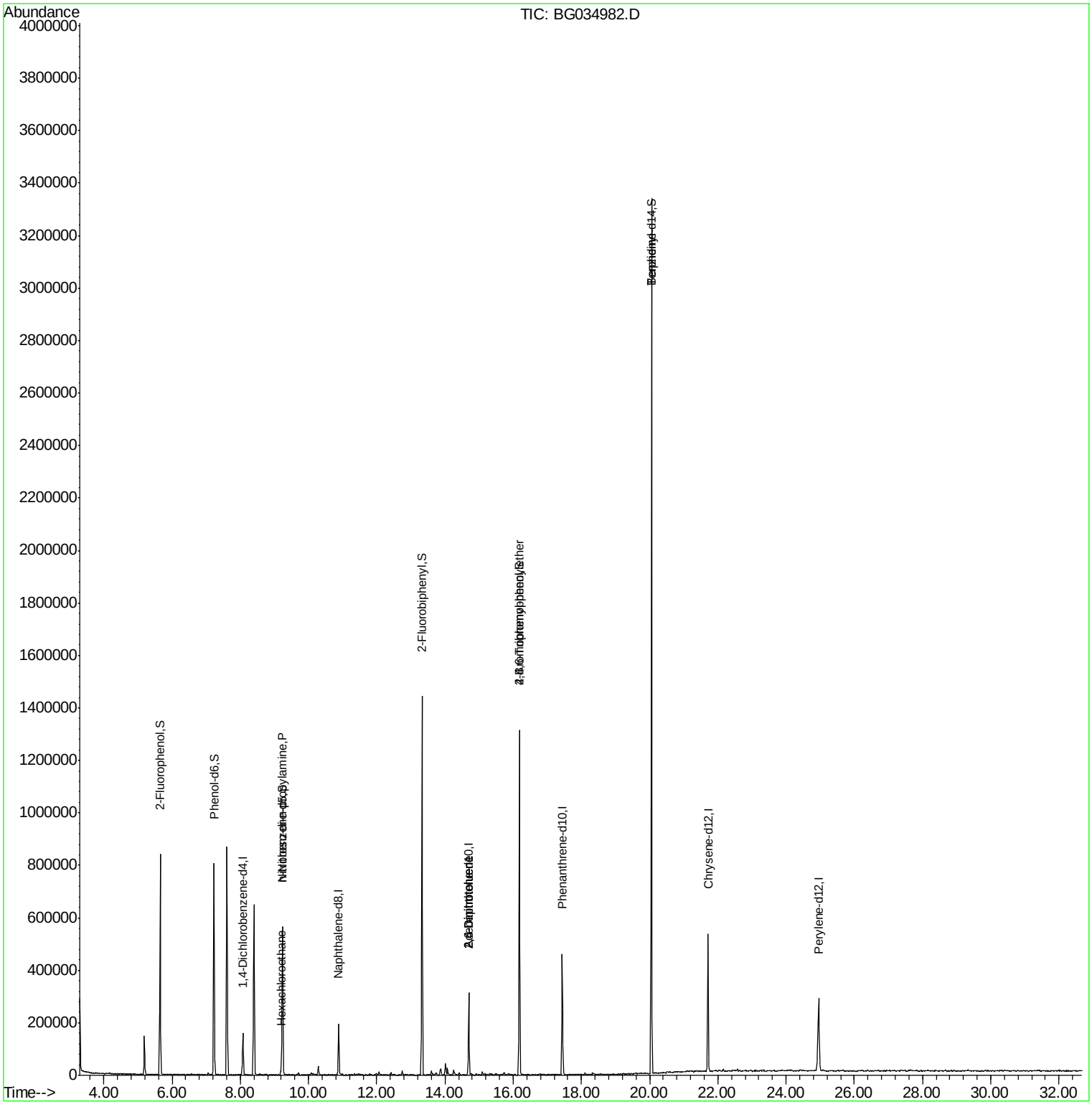
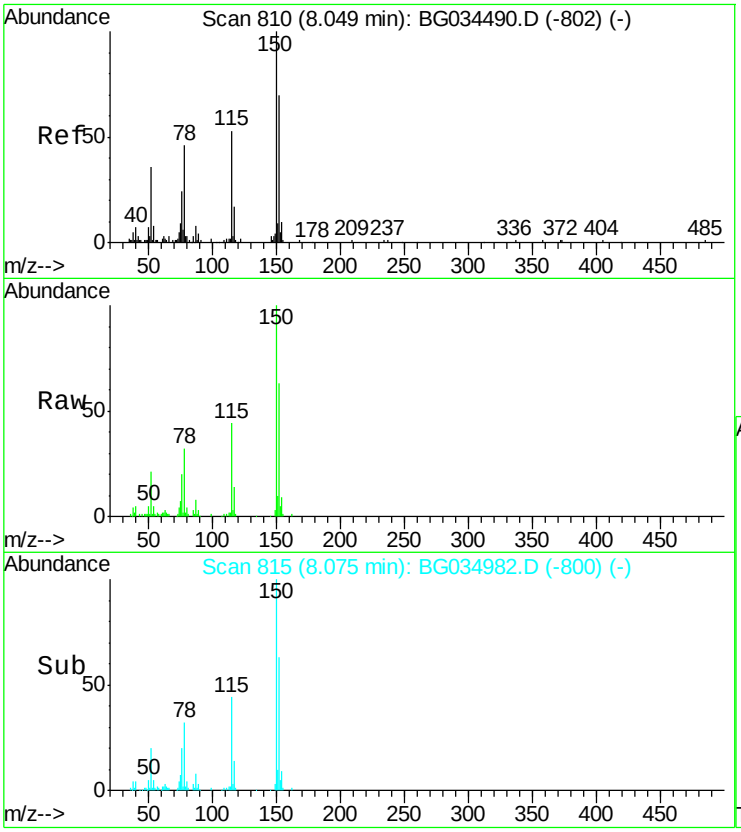
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration



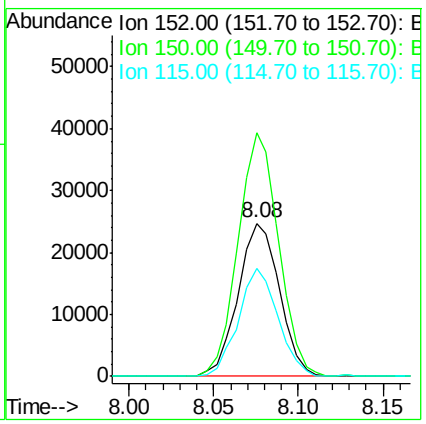


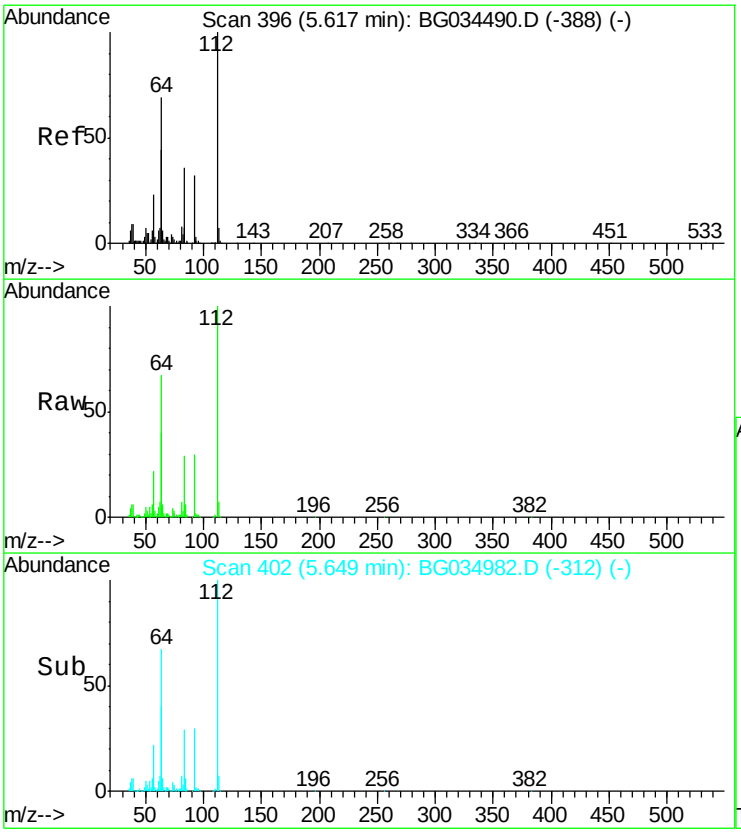
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41987

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.6	189.8
115	70.9	53.0	79.4

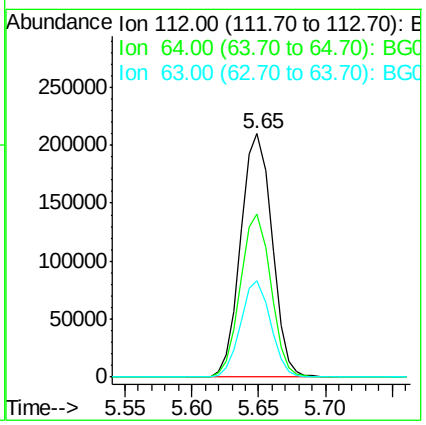


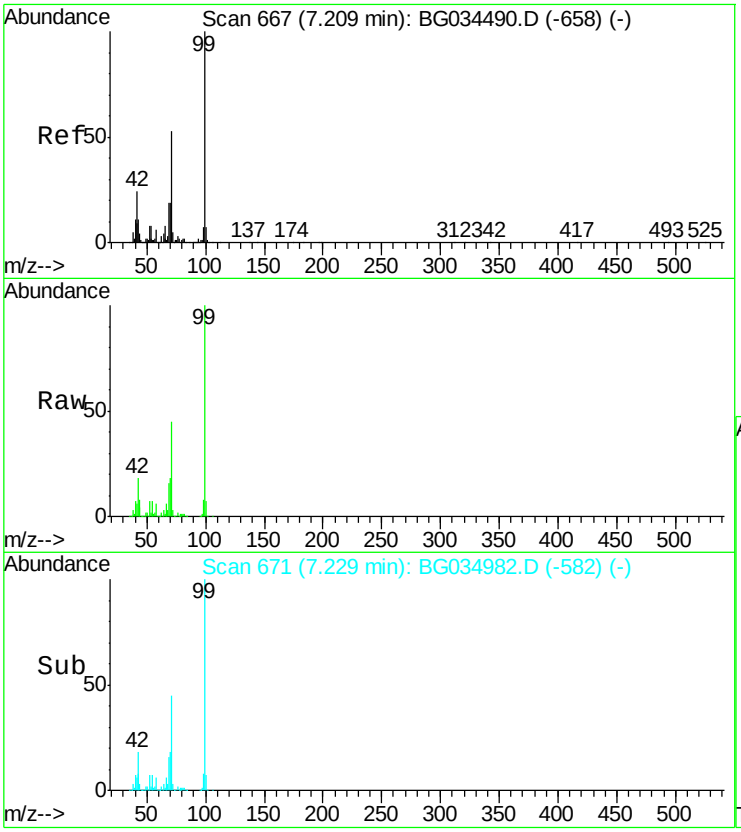


#5
2-Fluorophenol
Concen: 136.937 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Tgt Ion:112 Resp: 340693

Ion	Ratio	Lower	Upper
112	100		
64	67.1	56.3	84.5
63	39.8	30.1	45.1



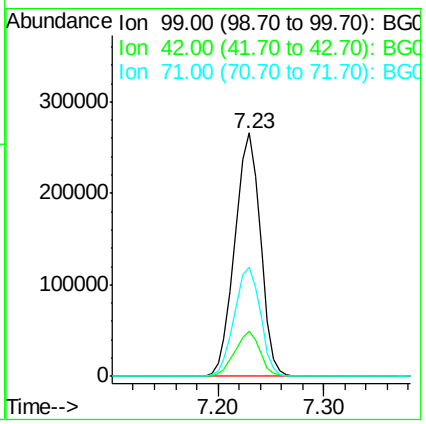


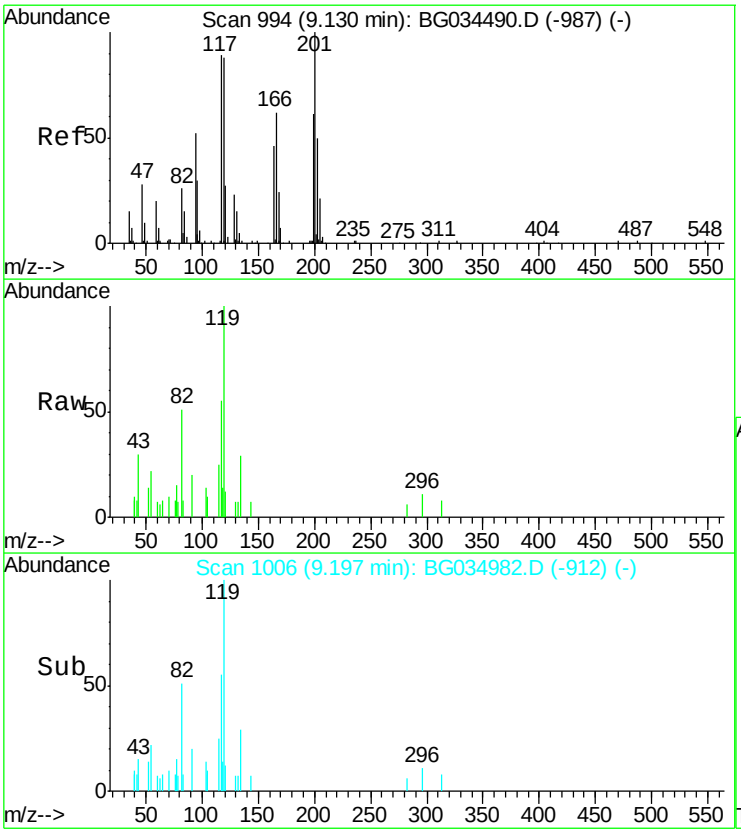
#7
Phenol-d6
Concen: 121.579 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 446449

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.1	21.1
71	44.8	26.1	39.1#

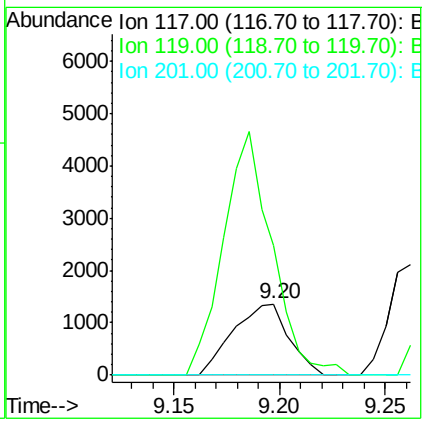


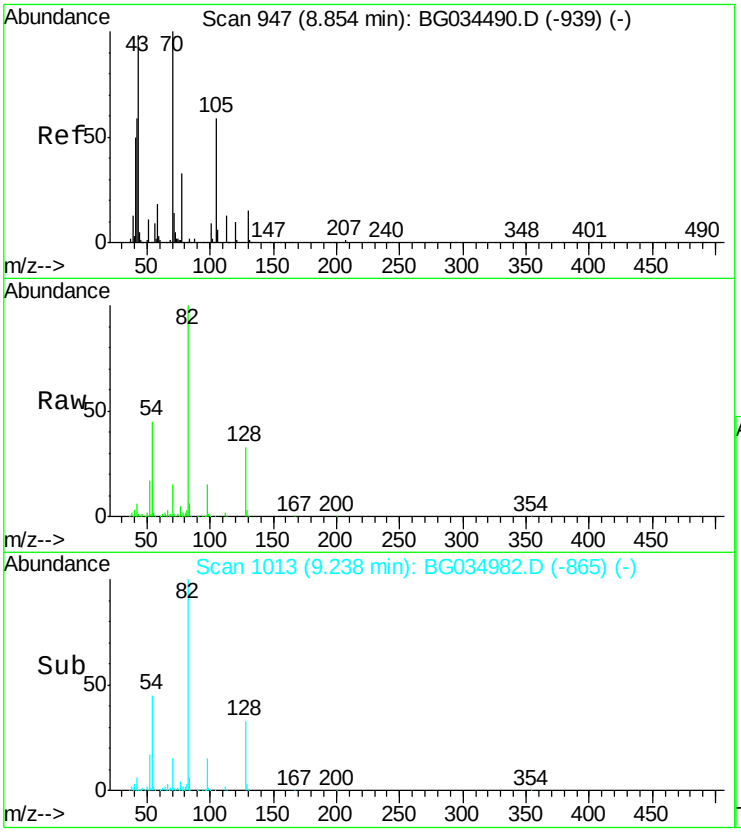


#18
Hexachloroethane
Concen: 2.176 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.02 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Tgt Ion:117 Resp: 2502

Ion	Ratio	Lower	Upper
117	100		
119	182.5	76.7	115.1#
201	0.0	95.7	143.5#



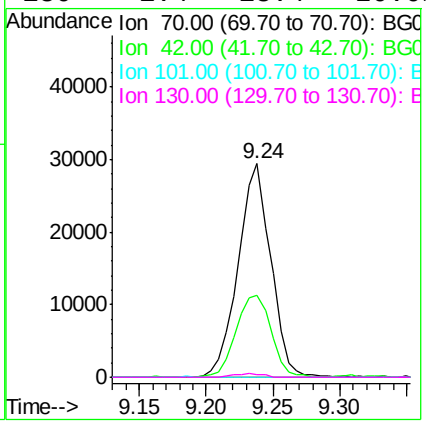


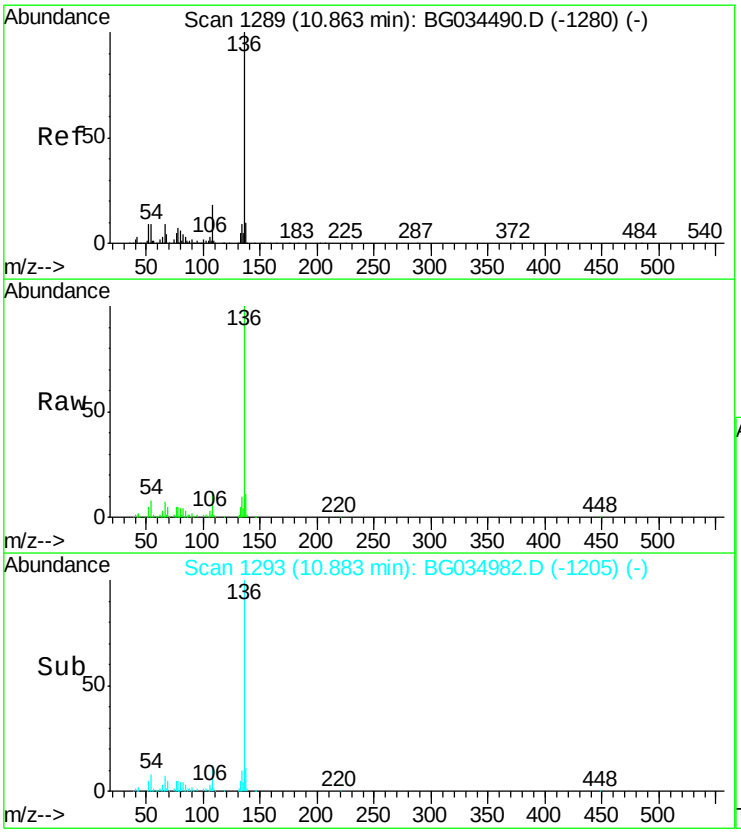
#19
n-Nitroso-di-n-propylamine
Concen: 15.941 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.34 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 49730

Ion	Ratio	Lower	Upper
70	100		
42	38.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#

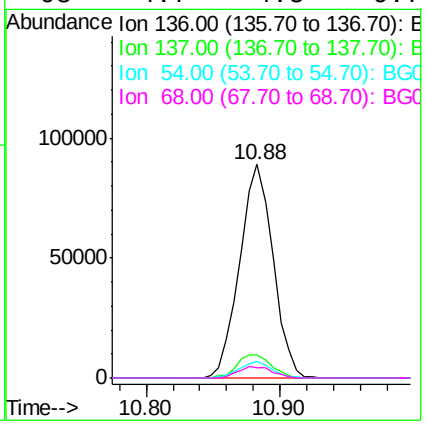


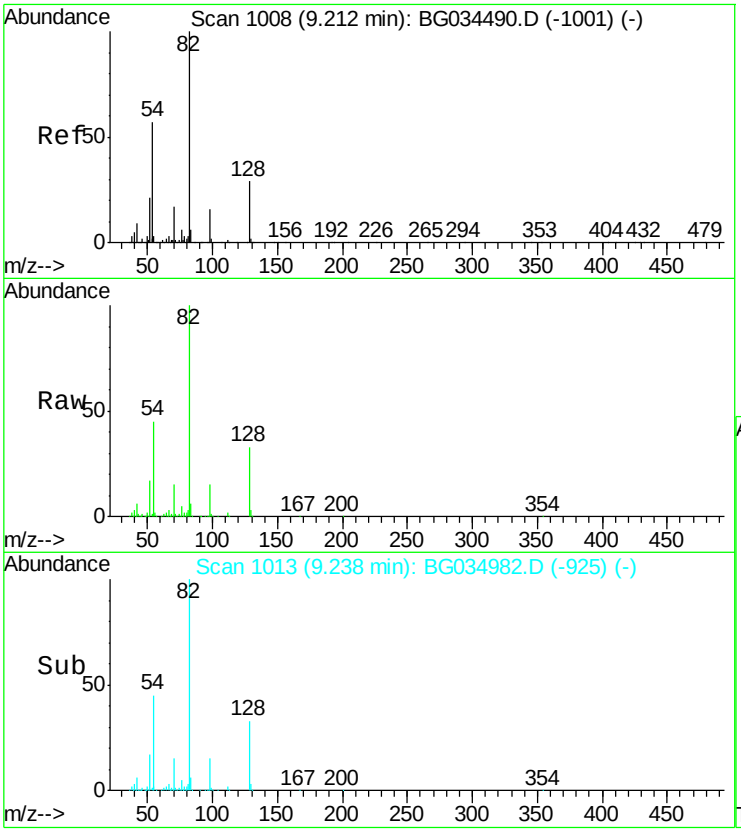


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Tgt Ion:136 Resp: 153402

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.8	10.3	15.5#
68	4.7	4.5	6.7



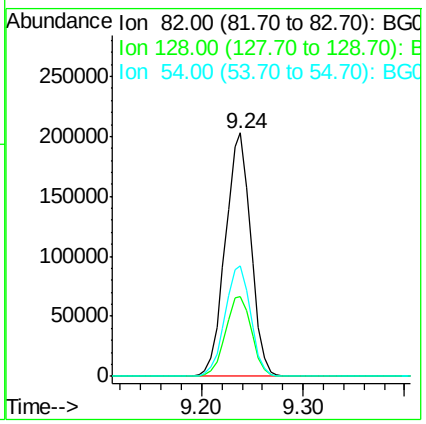


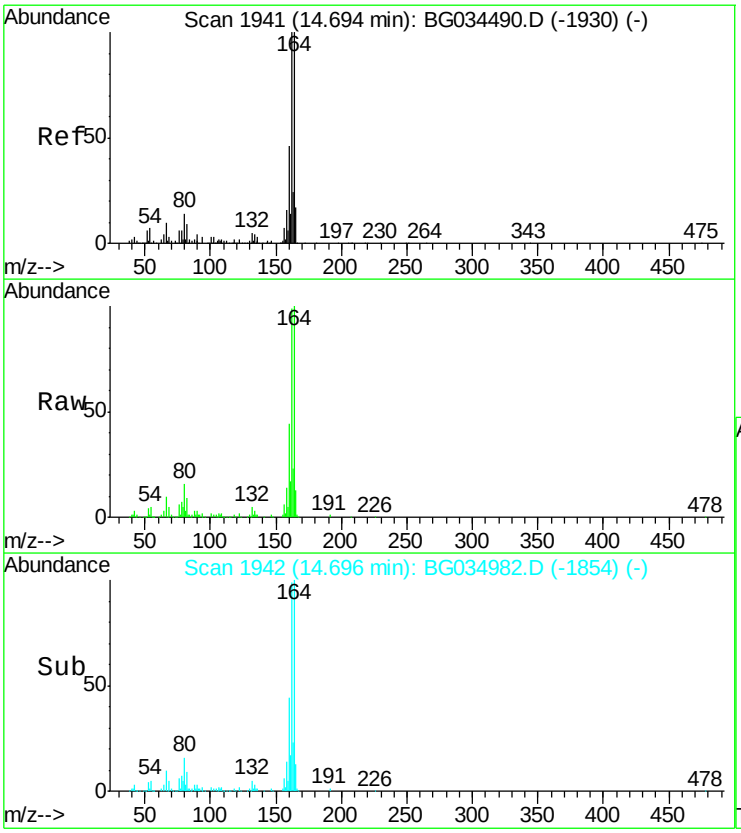
#23
Nitrobenzene-d5
Concen: 109.378 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 352982

Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	45.2	43.1	64.7

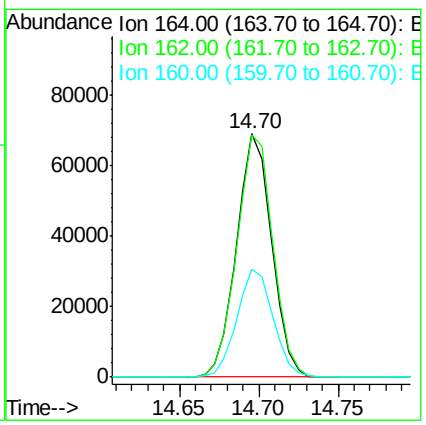


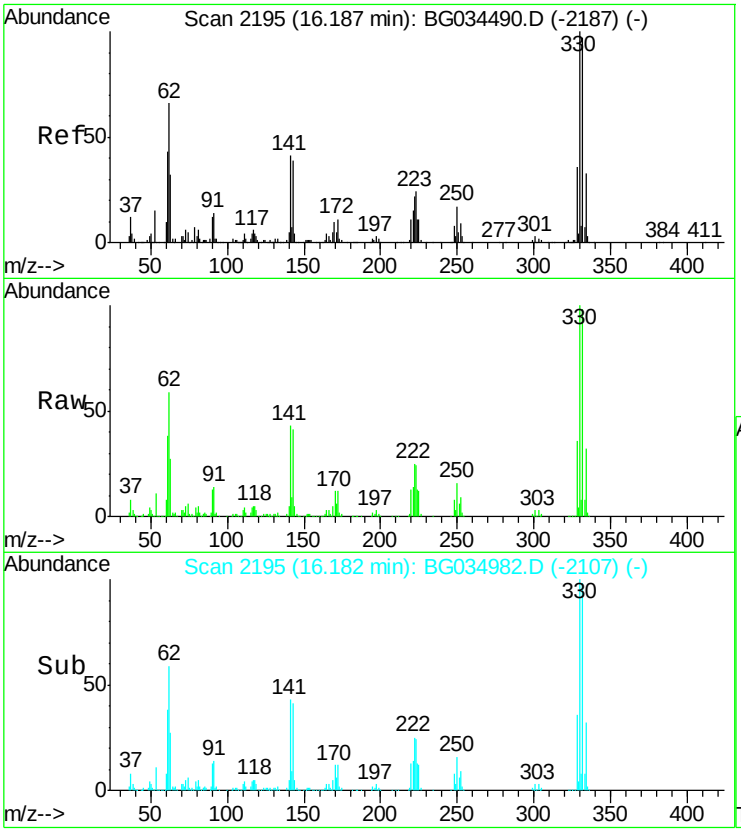


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Tgt Ion:164 Resp: 105962

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	44.4	35.4	53.0



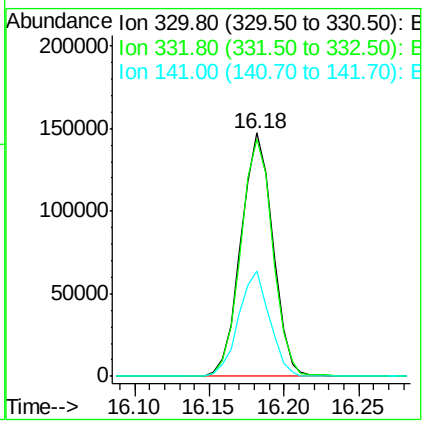


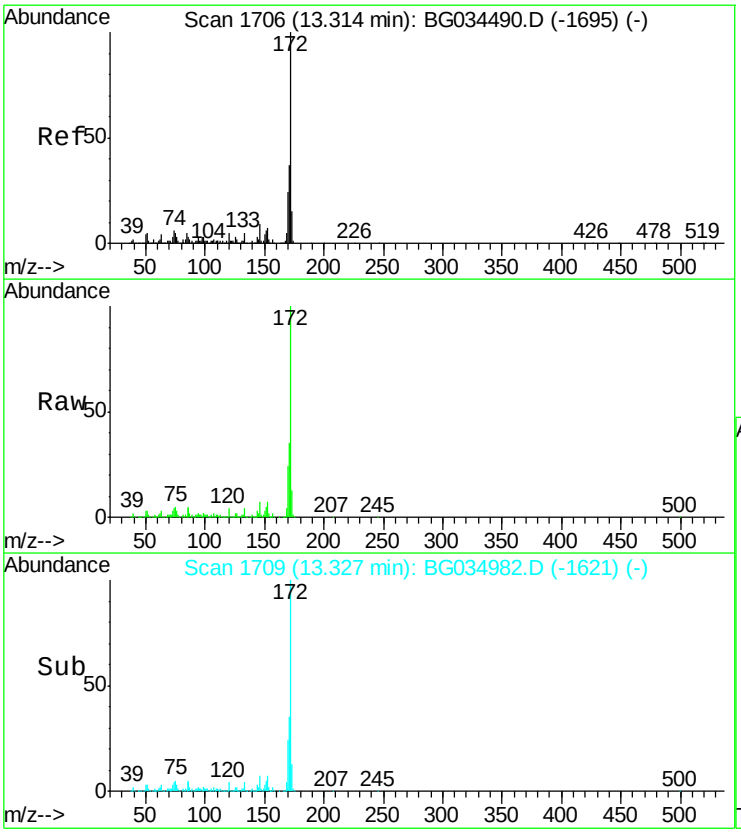
#41
2,4,6-Tribromophenol
Concen: 160.762 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 218065

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	42.2	25.2	37.8#

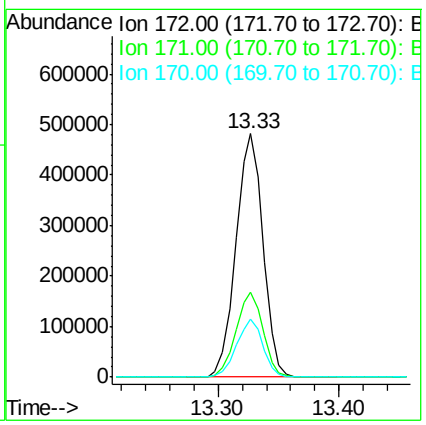


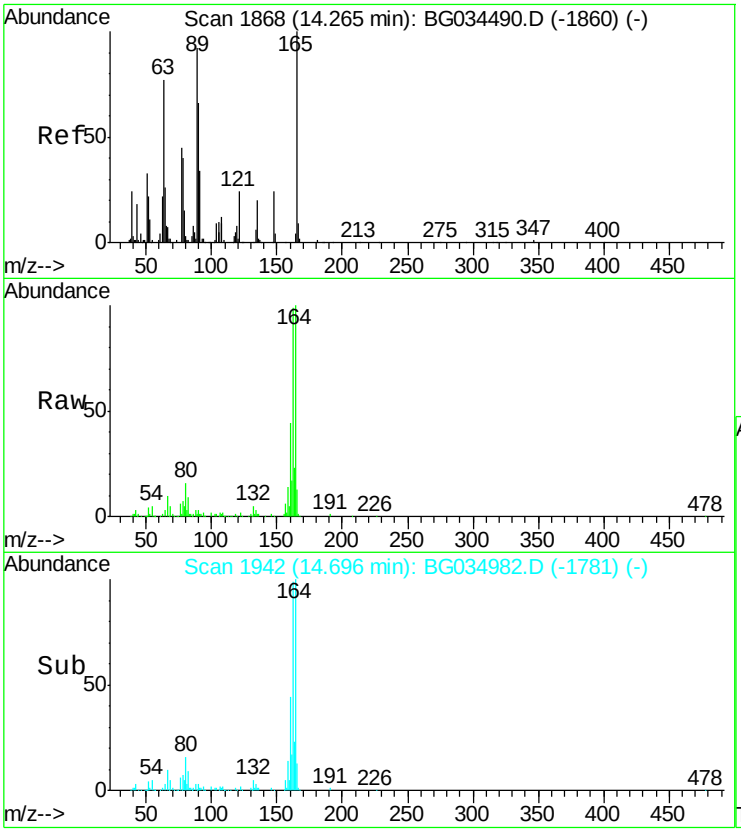


#44
2-Fluorobiphenyl
Concen: 91.967 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Tgt Ion:172 Resp: 749618

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	24.0	19.5	29.3



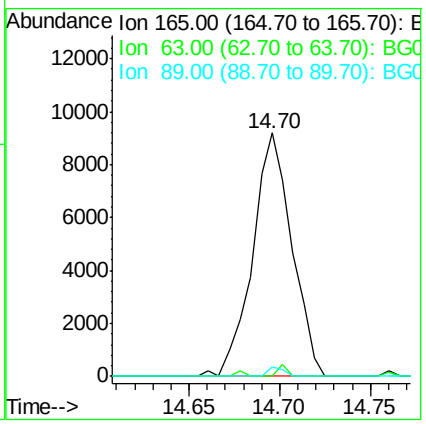


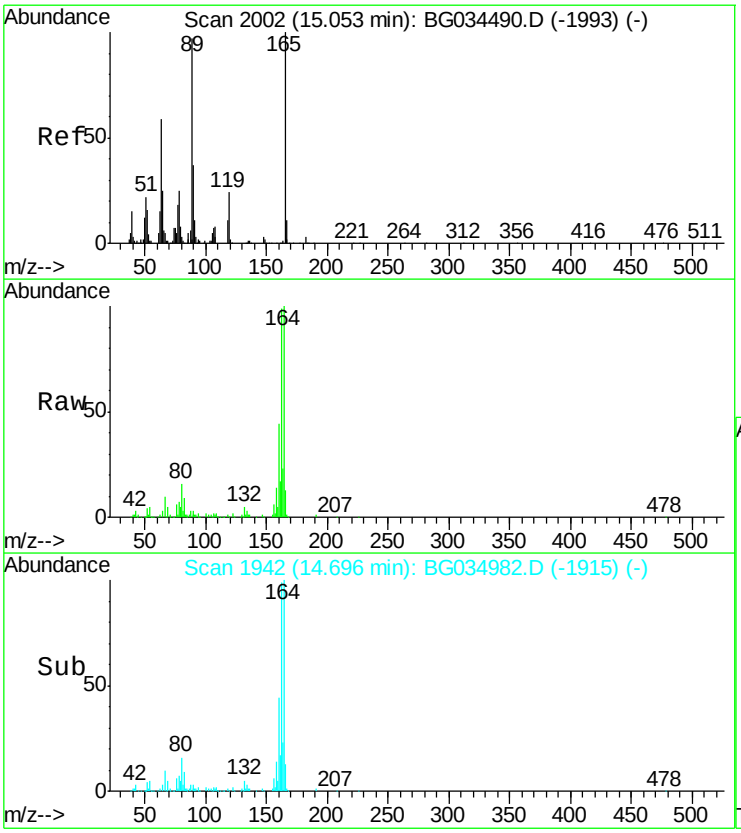
#50
2,6-Dinitrotoluene
Concen: 8.256 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.42 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13917

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.9	49.2	73.8#

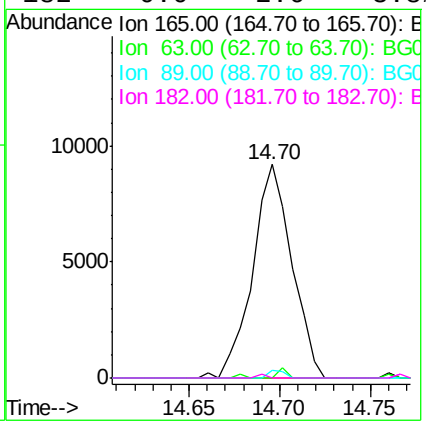


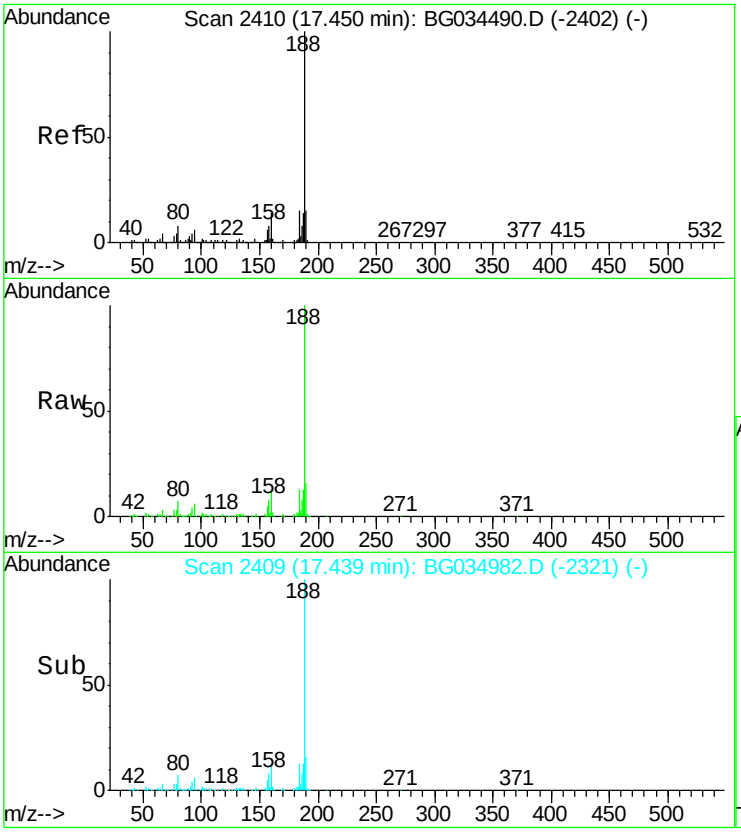


#56
2,4-Dinitrotoluene
Concen: 6.215 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.37 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Tgt Ion:165 Resp: 13917

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.9	66.9	100.3#
182	0.0	2.6	3.8#



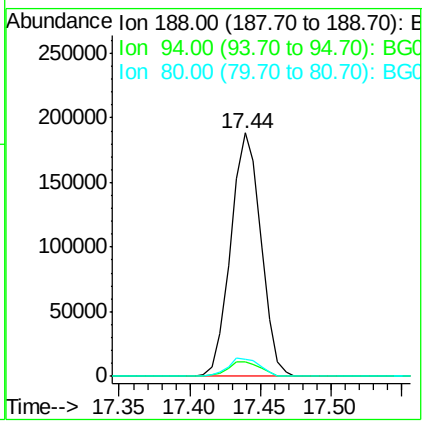


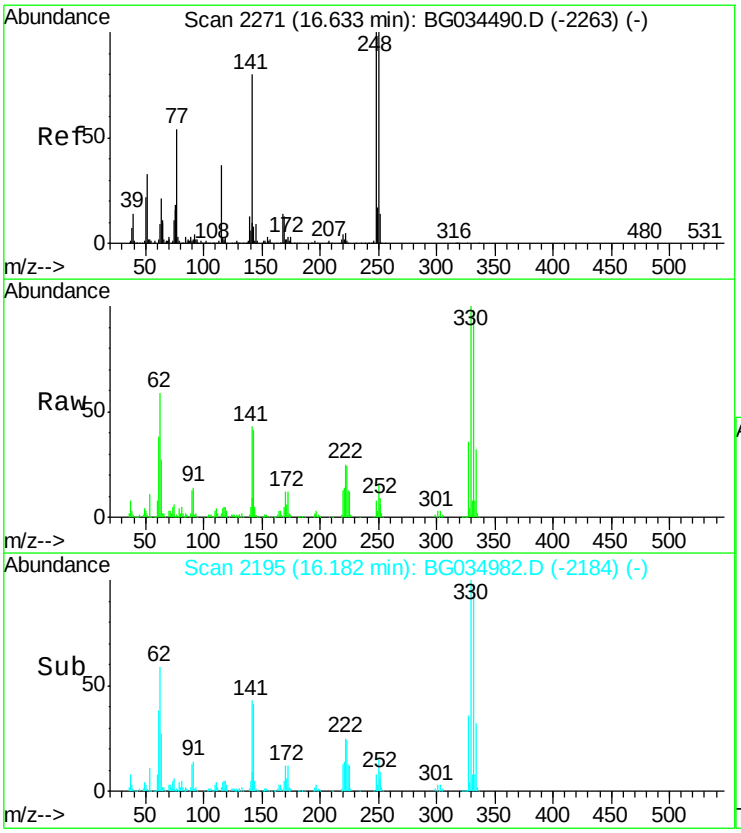
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 280550

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.1	7.7	11.5#

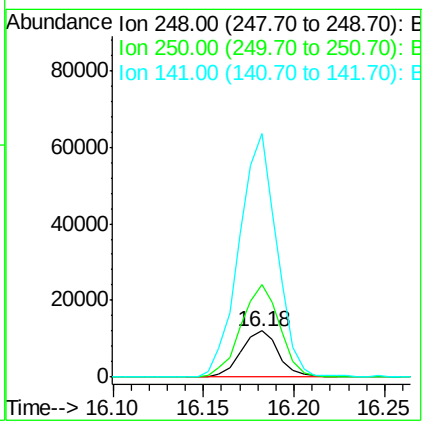


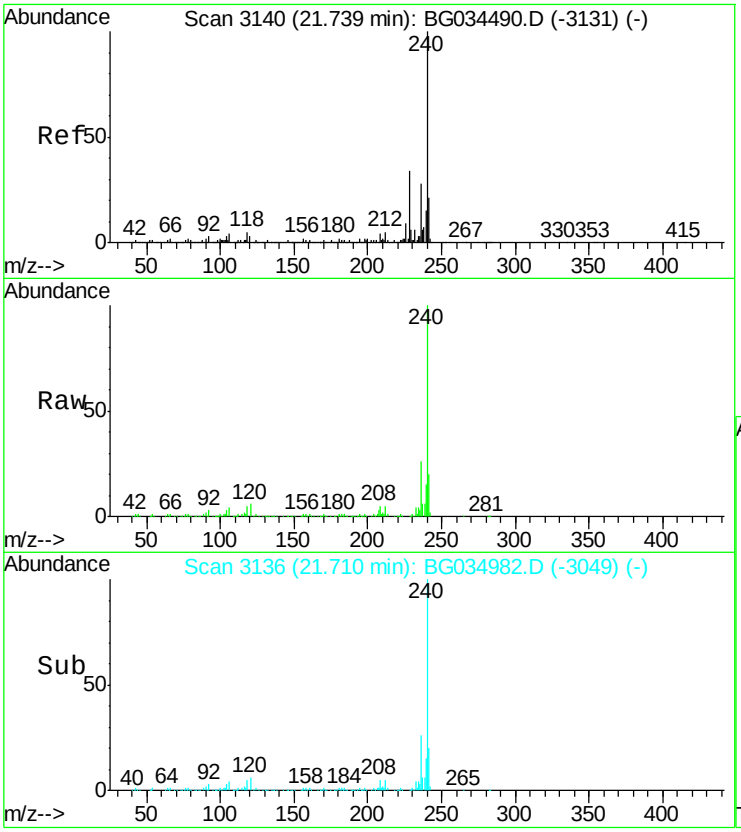


#66
4-Bromophenyl-phenylether
Concen: 5.106 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.46 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Tgt Ion:248 Resp: 17251

Ion	Ratio	Lower	Upper
248	100		
250	198.8	77.1	115.7#
141	525.3	50.8	76.2#



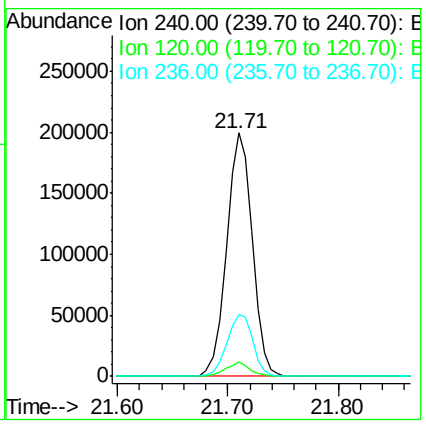


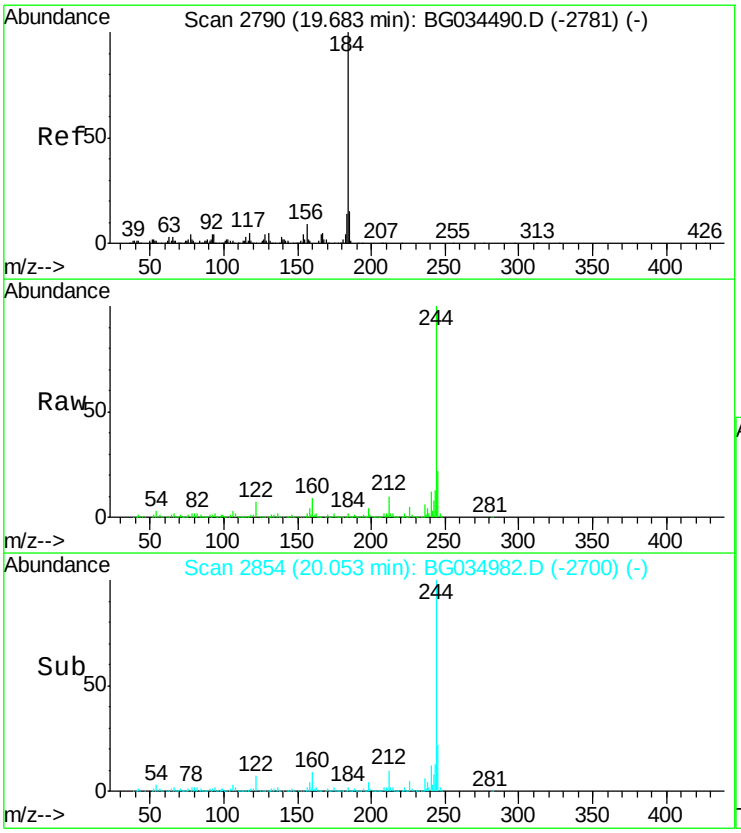
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 323141

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.5	20.9	31.3

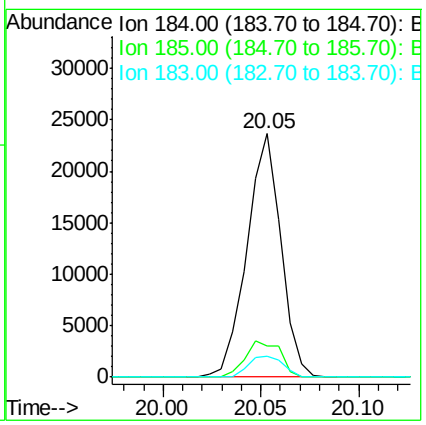


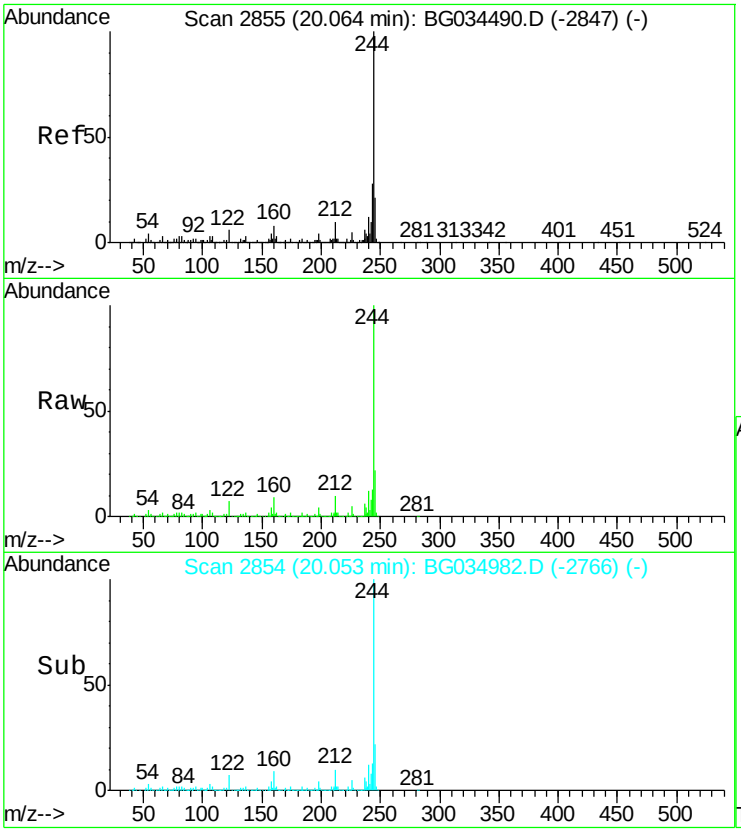


#76
Benzidine
Concen: 2.371 ng
RT: 20.05 min Scan# 2854
Delta R.T. 0.38 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Tgt Ion:184 Resp: 28505

Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.1	16.7
183	8.6	10.6	16.0#



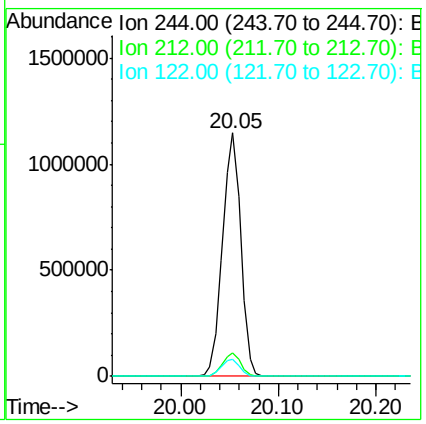


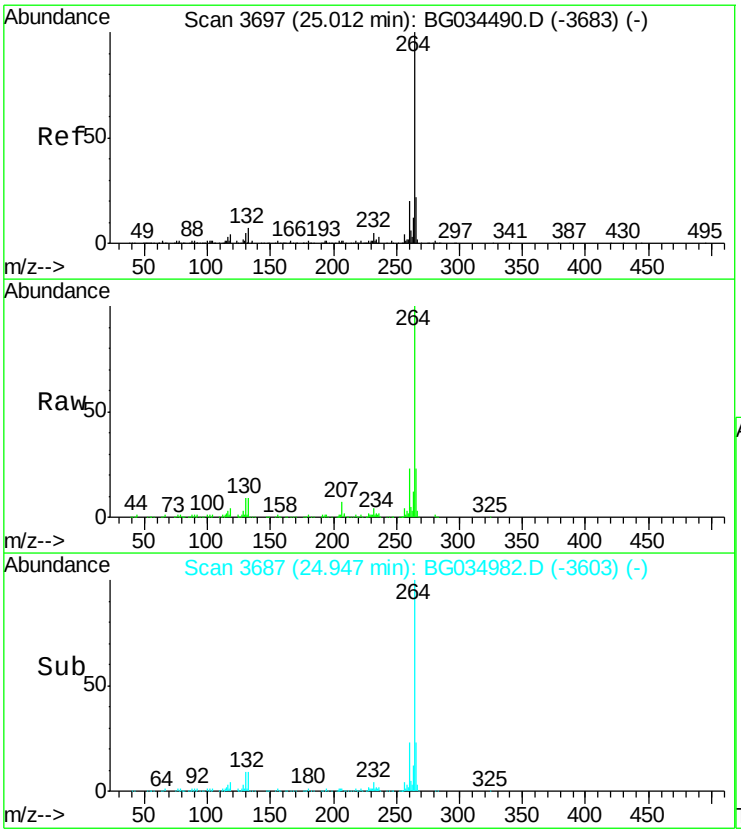
#78
Terphenyl-d14
Concen: 96.473 ng
RT: 20.05 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1488264

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.04 min
Lab File: BG034982.D
Acq: 8 Jun 2018 11:01

Tgt Ion:264 Resp: 306812

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	23.2	17.7	26.5