Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
Data File : BG036467.D
Acq On : 28 Aug 2018 20:56
Operator : JU/SJ
Sample : J4277-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-01-082718-A

Quant Time: Aug 29 01:06:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	64929	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	255043	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	166189	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	412104	20.00	ng	0.00
75) Chrysene-d12	21.70	240	450332	20.00	ng	-0.01
86) Perylene-d12	24.91	264	452535	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	553942	135.33	ng	0.00
7) Phenol-d6	7.22	99	713930	121.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	513768	109.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	321816	162.29	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1157478	99.45	ng	-0.01
78) Terphenyl-d14	20.04	244	1884225	97.80	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	67439	15.398	ng	# 73
50) 2,6-Dinitrotoluene	14.69	165	21080	7.549	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	21080	5.792	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	23144	4.797	ng	# 1
76) Benzidine	20.04	184	34363	2.392	ng	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
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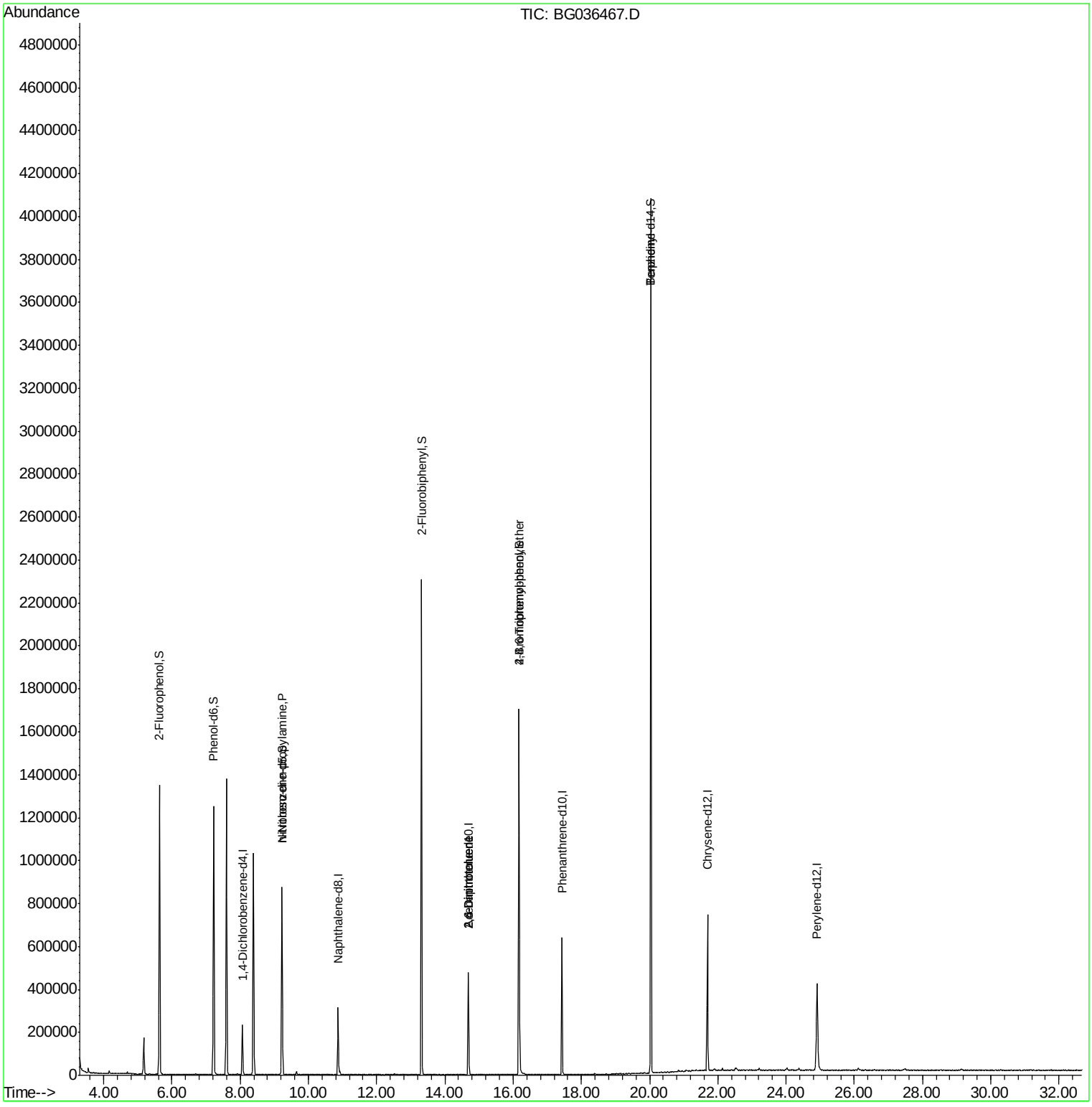
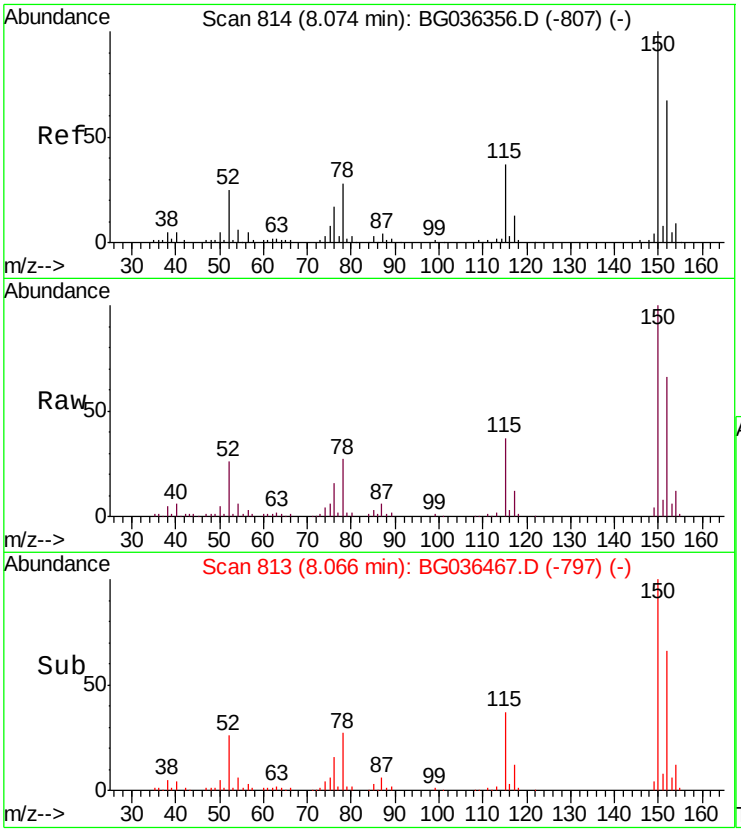
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration



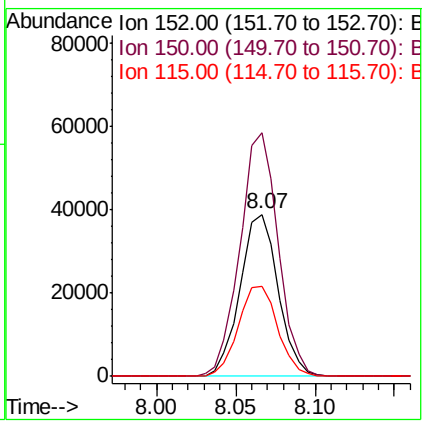


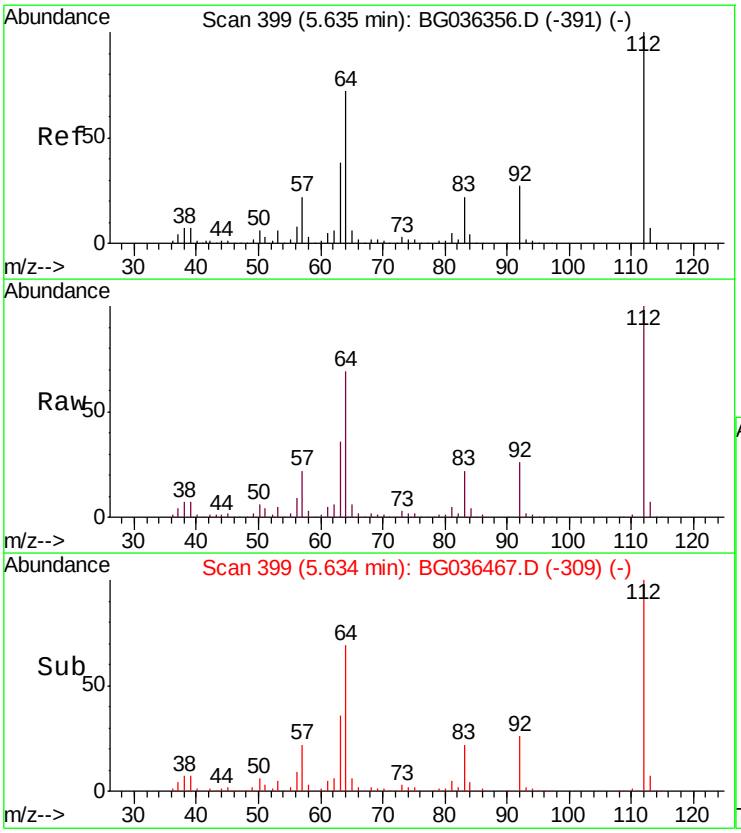
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

Tgt Ion:152 Resp: 64929

Ion	Ratio	Lower	Upper
152	100		
150	150.5	119.5	179.3
115	55.7	44.5	66.7

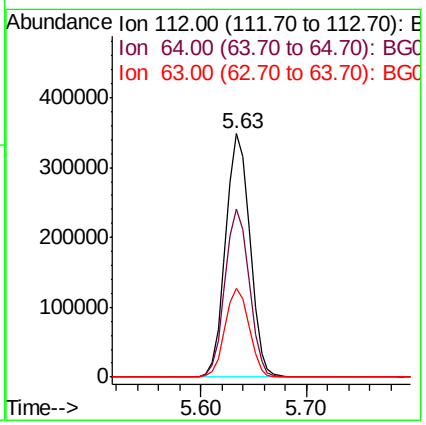


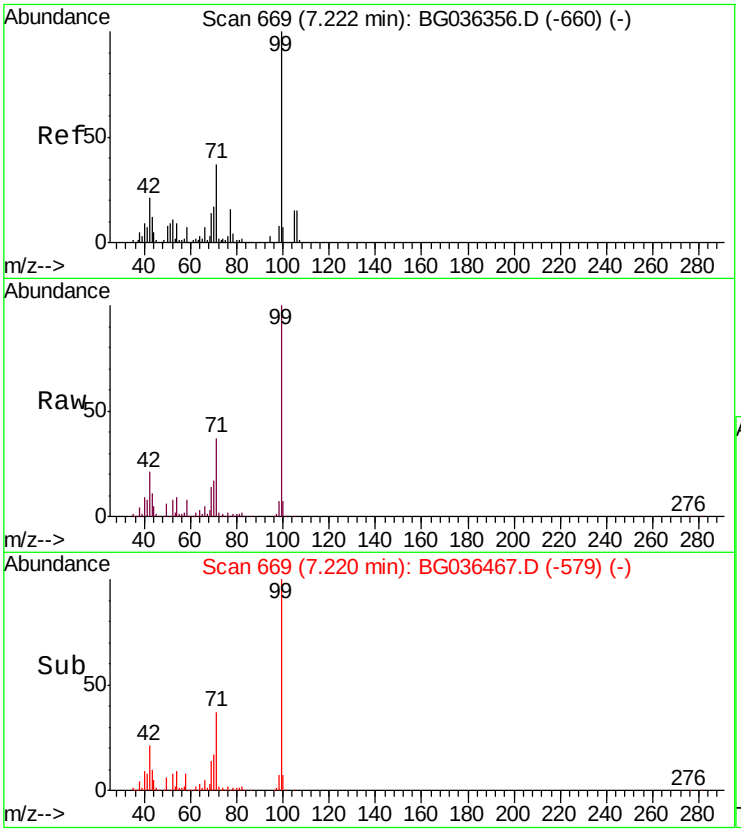


#5
2-Fluorophenol
Concen: 135.335 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Tgt Ion:112 Resp: 553942

Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.2	85.8
63	36.3	30.8	46.2



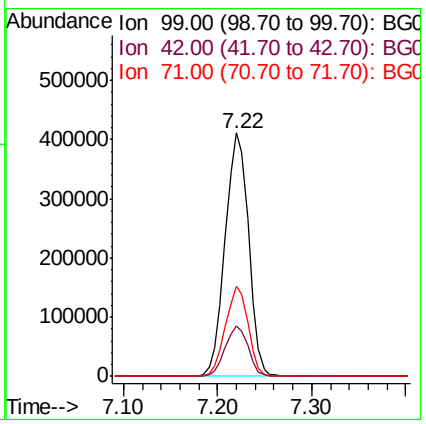


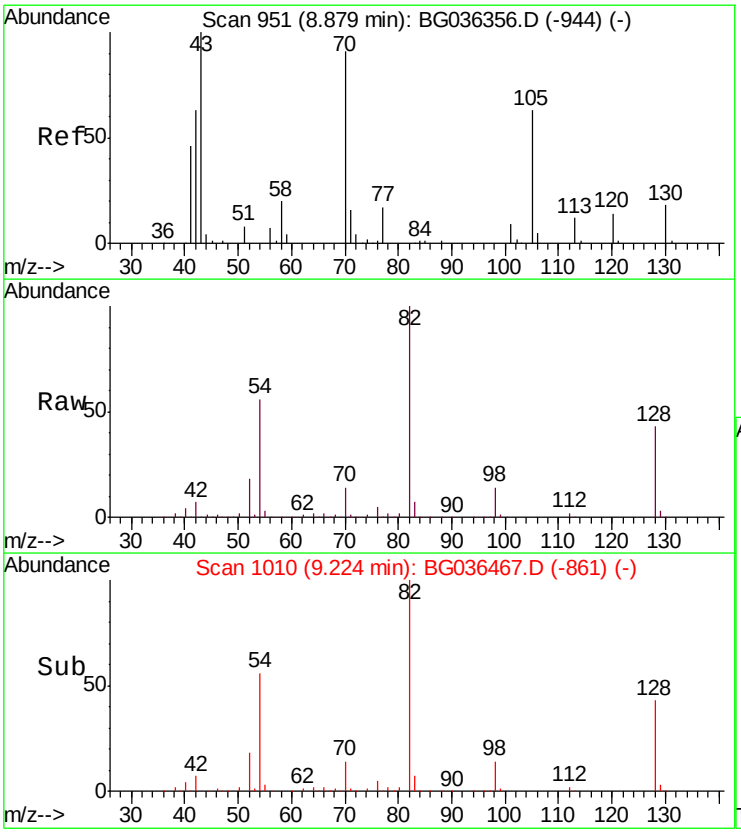
#7
Phenol-d6
Concen: 121.824 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

Tgt Ion: 99 Resp: 713930

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.5	24.7
71	36.7	29.4	44.2

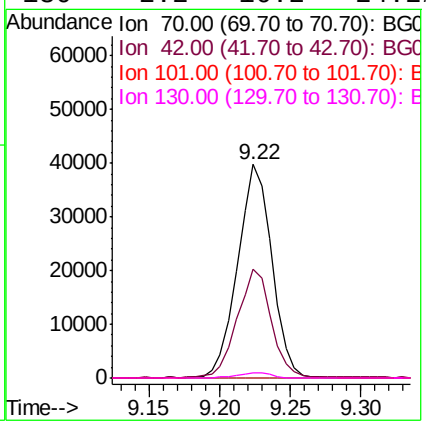


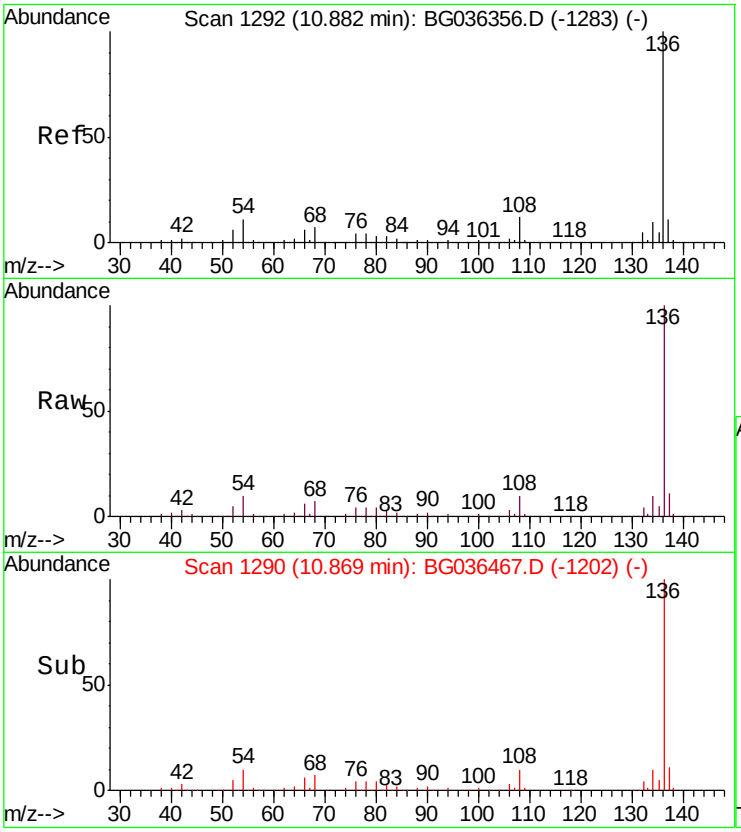


#19
n-Nitroso-di-n-propylamine
Concen: 15.398 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Tgt Ion: 70 Resp: 67439

Ion	Ratio	Lower	Upper
70	100		
42	51.1	56.2	84.4#
101	0.0	7.8	11.6#
130	2.2	16.2	24.2#



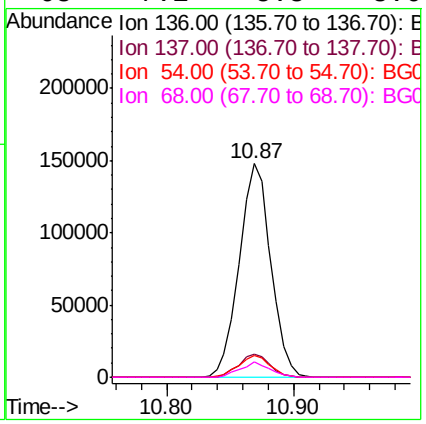


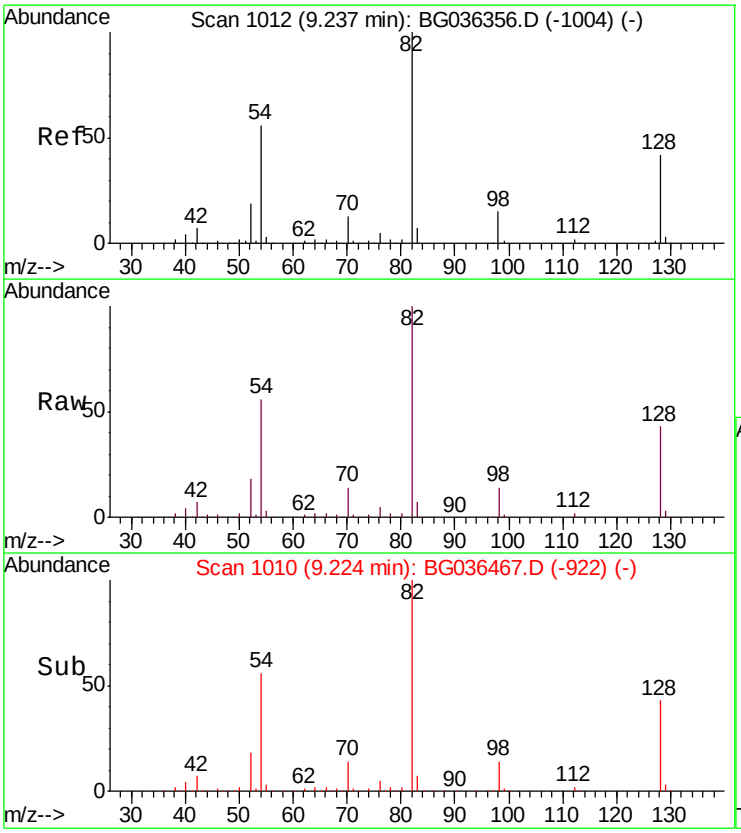
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

Tgt Ion:136 Resp: 255043

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.0	9.2	13.8
68	7.1	5.8	8.6

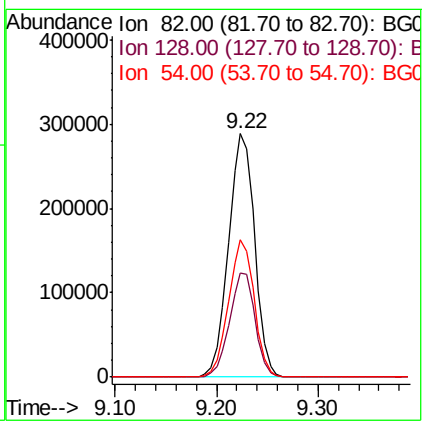


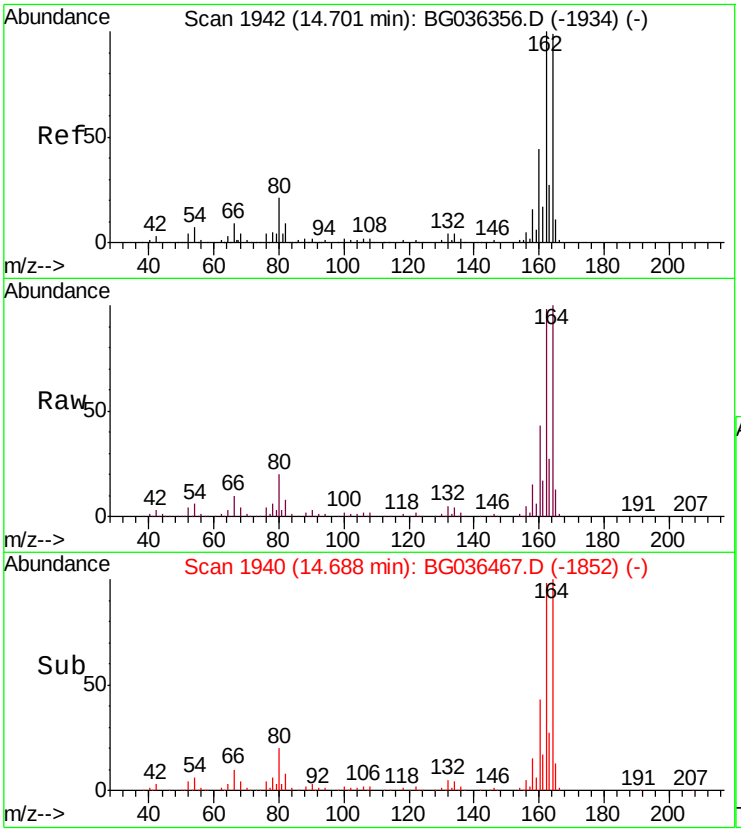


#23
Nitrobenzene-d5
Concen: 109.297 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Tgt Ion: 82 Resp: 513768

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	56.5	45.1	67.7



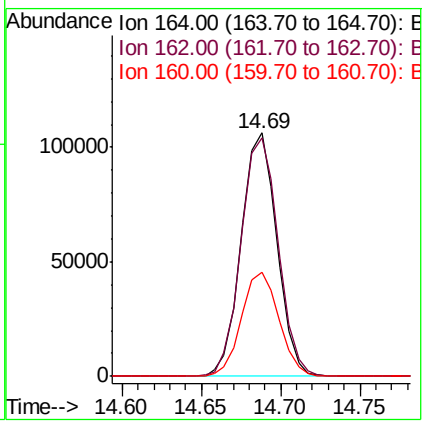


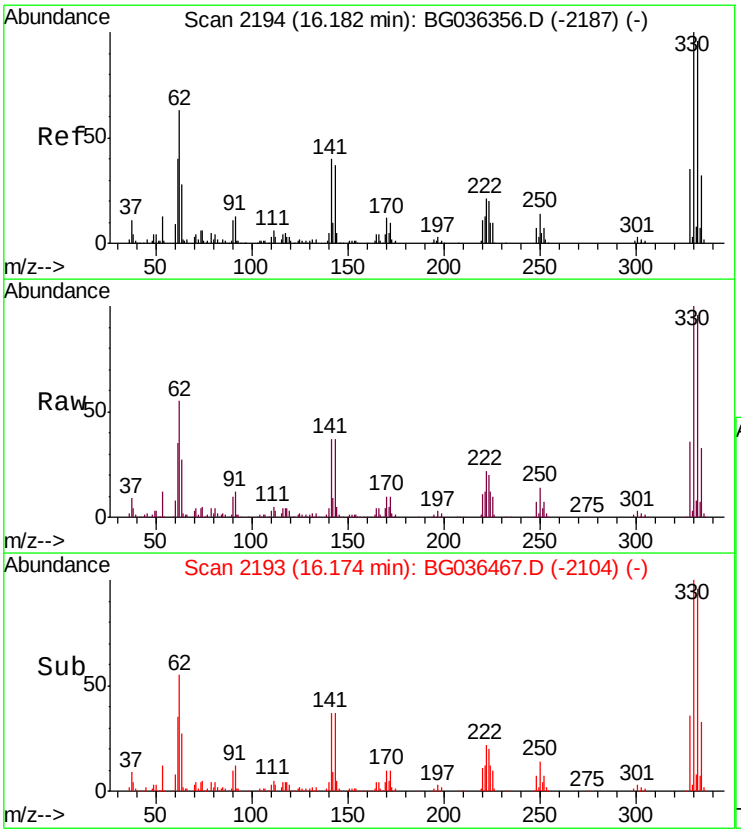
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

Tgt Ion:164 Resp: 166189

Ion	Ratio	Lower	Upper
164	100		
162	98.0	80.7	121.1
160	42.6	35.3	52.9

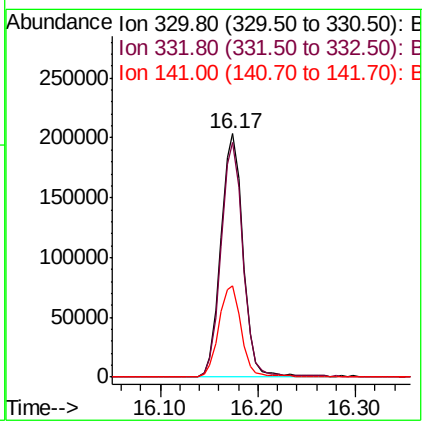


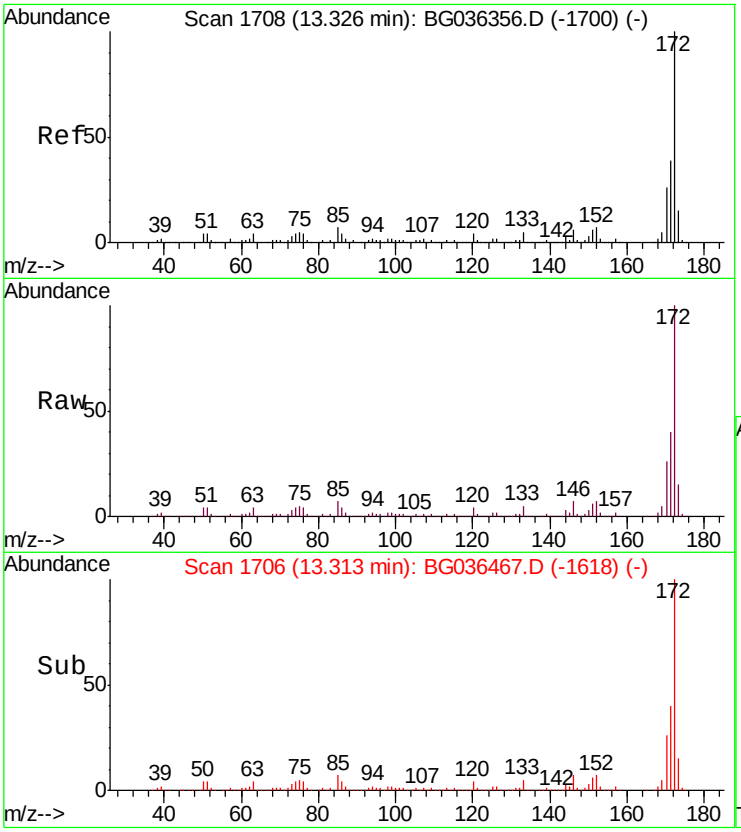


#41
2,4,6-Tribromophenol
Concen: 162.287 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Tgt Ion:330 Resp: 321816

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.2
141	37.8	30.7	46.1



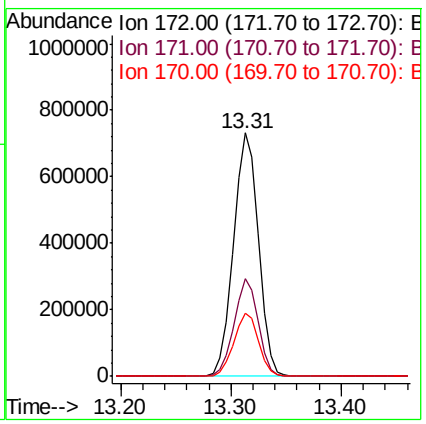


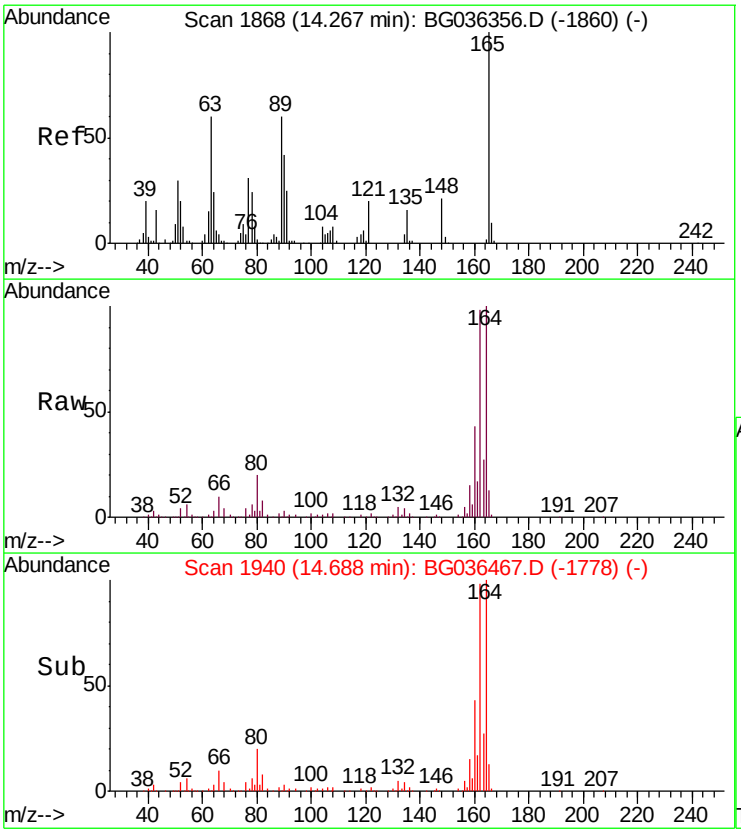
#44
2-Fluorobiphenyl
Concen: 99.445 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

Tgt Ion:172 Resp: 1157478

Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.3	46.9
170	25.9	21.0	31.6

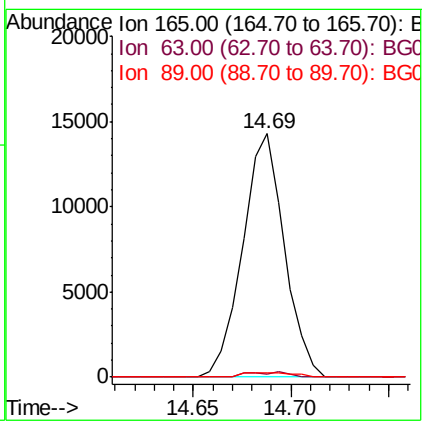


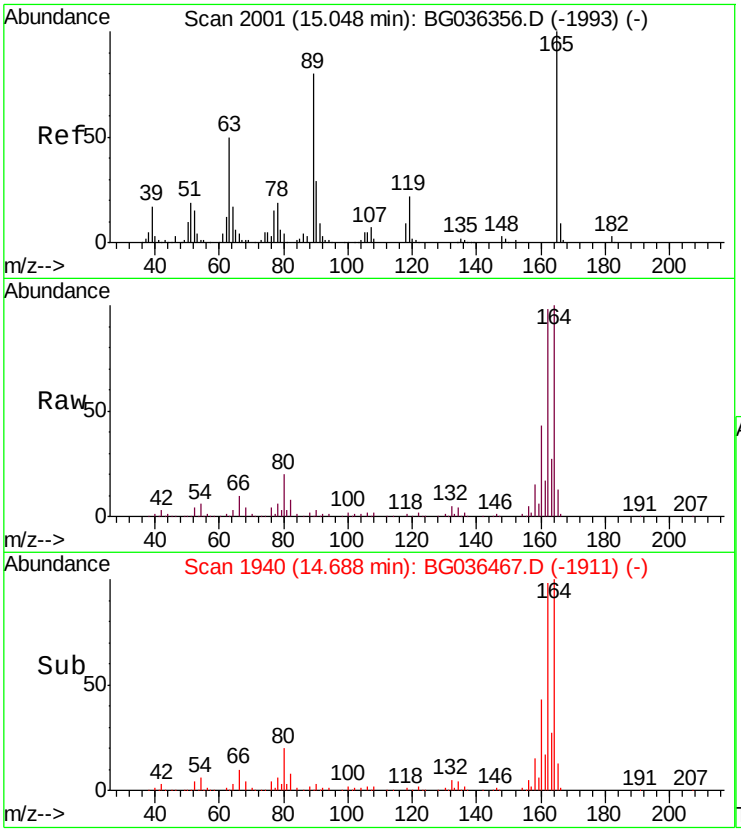


#50
2,6-Dinitrotoluene
Concen: 7.549 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Tgt Ion:165 Resp: 21080

Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.1	75.1#
89	2.0	47.8	71.6#



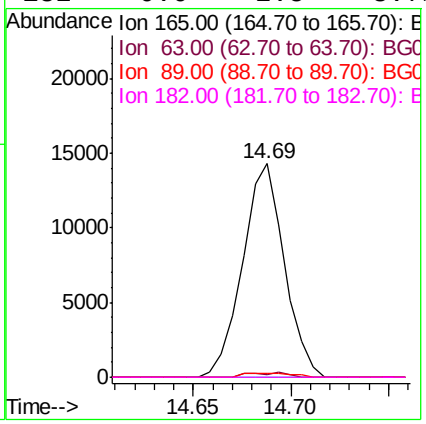


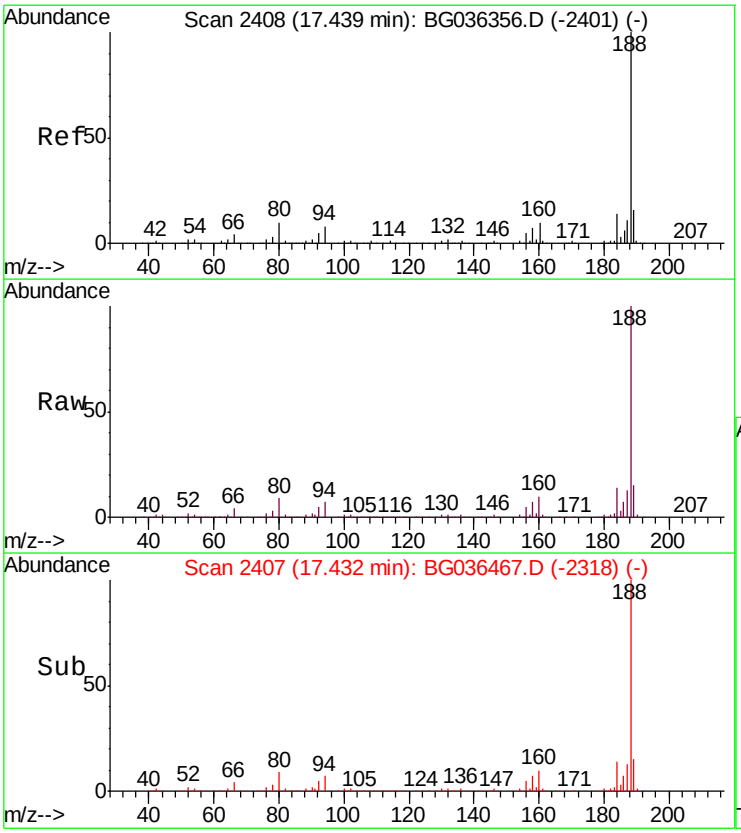
#56
2,4-Dinitrotoluene
Concen: 5.792 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

Tgt Ion:165 Resp: 21080

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#

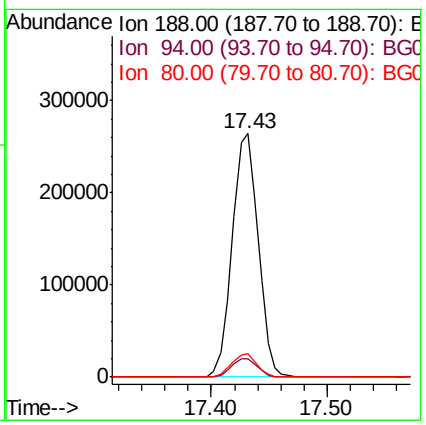


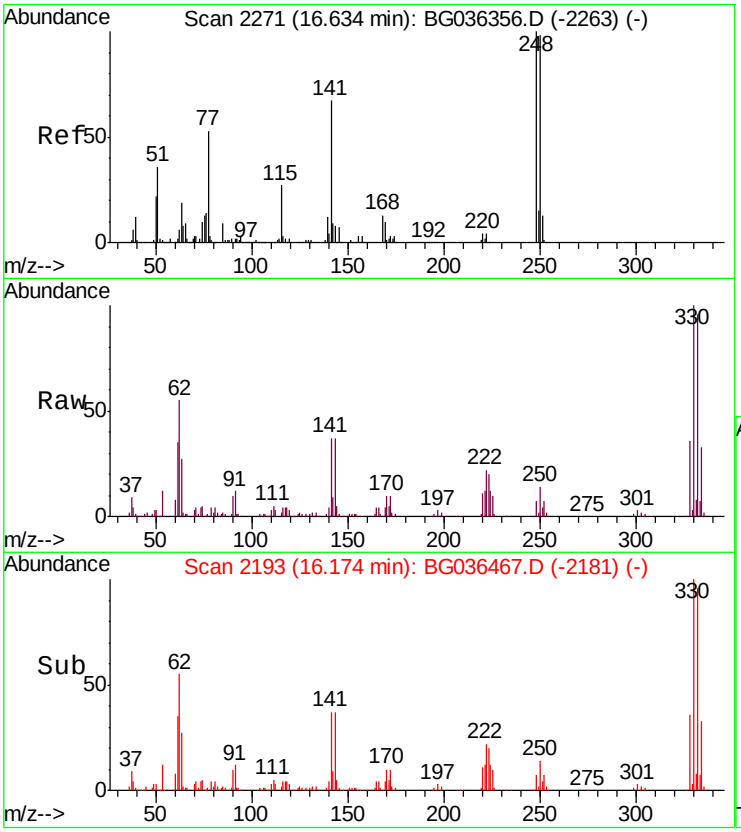


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Tgt Ion:188 Resp: 412104

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.4	8.1	12.1



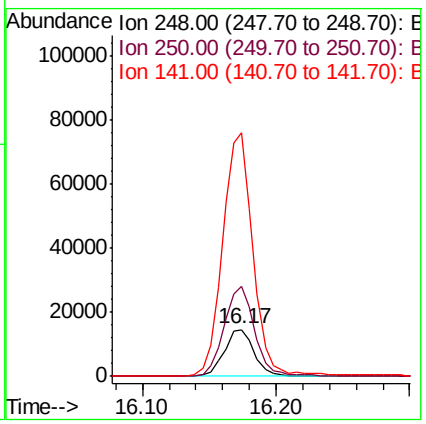


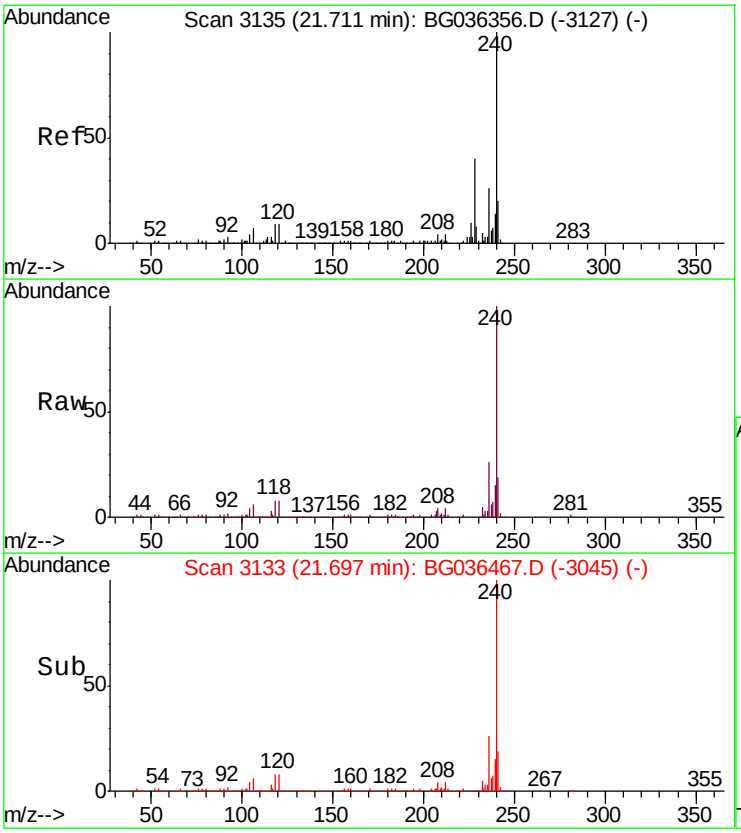
#66
4-Bromophenyl-phenylether
Concen: 4.797 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

Tgt Ion:248 Resp: 23144

Ion	Ratio	Lower	Upper
248	100		
250	193.8	78.1	117.1#
141	522.8	53.7	80.5#

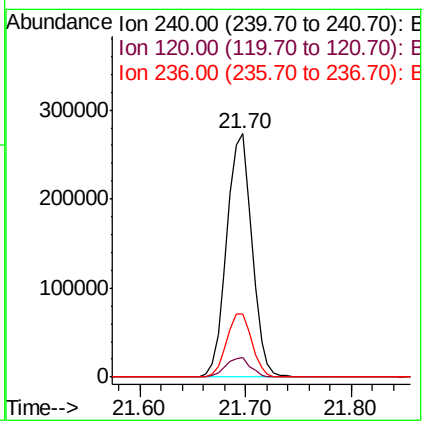


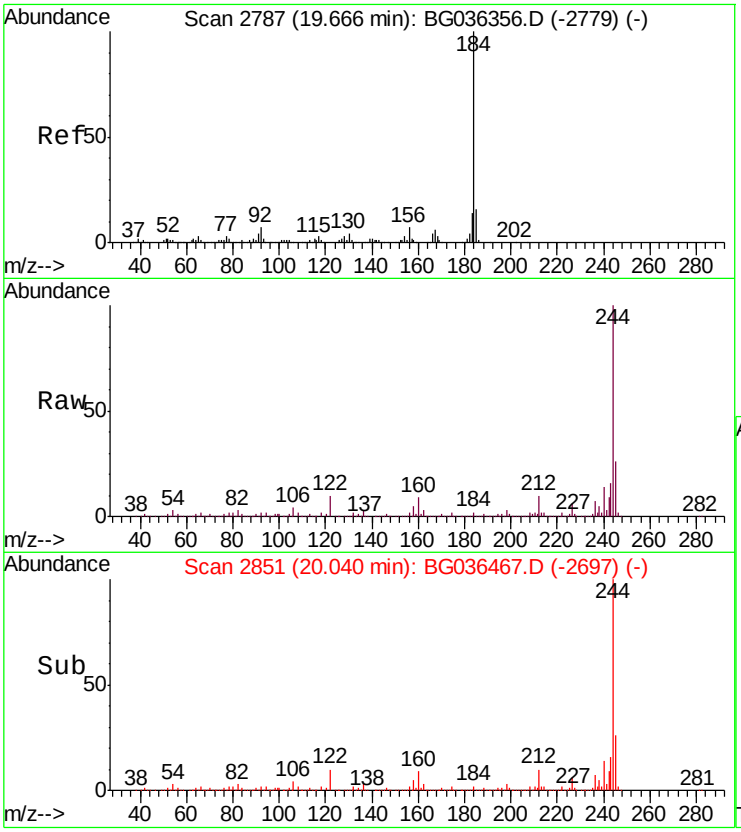


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Tgt Ion:240 Resp: 450332

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	25.8	21.2	31.8



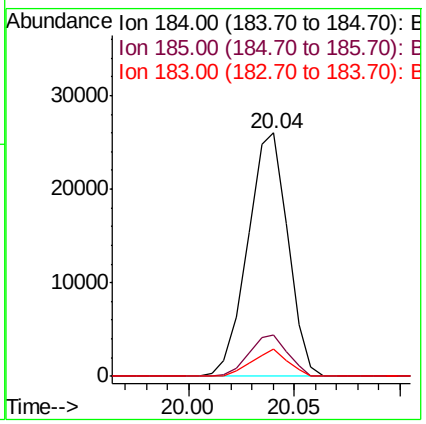


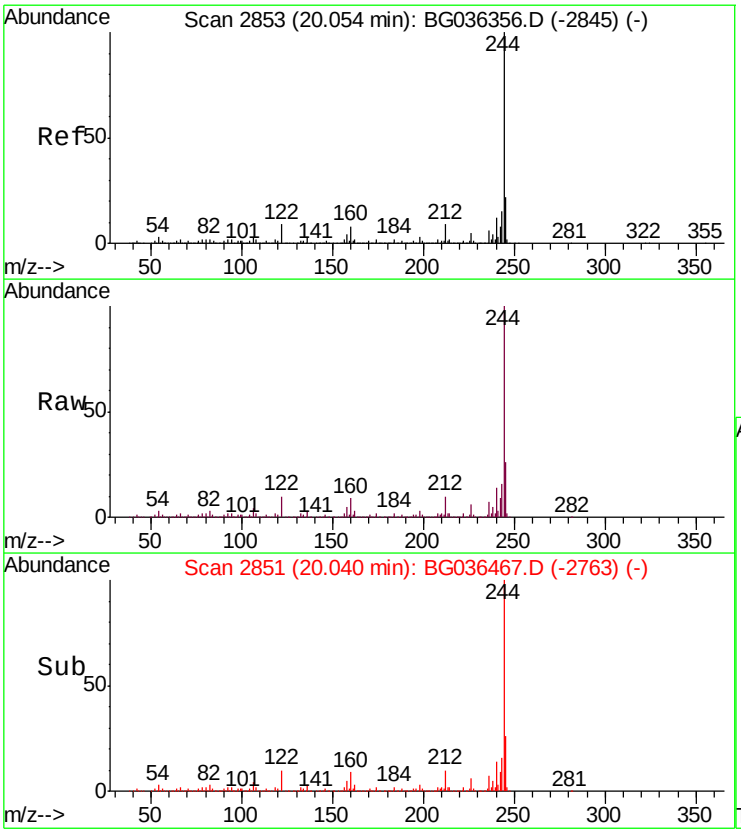
#76
Benzidine
Concen: 2.392 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

Tgt Ion:184 Resp: 34363

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.6	18.8
183	11.0	10.9	16.3

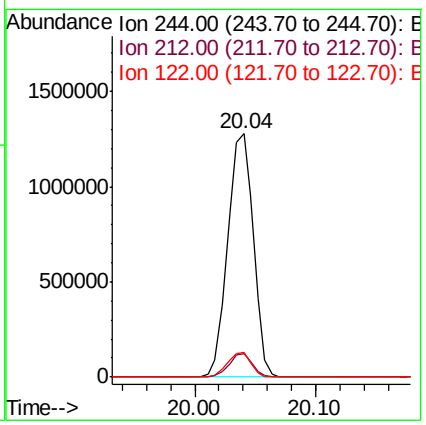


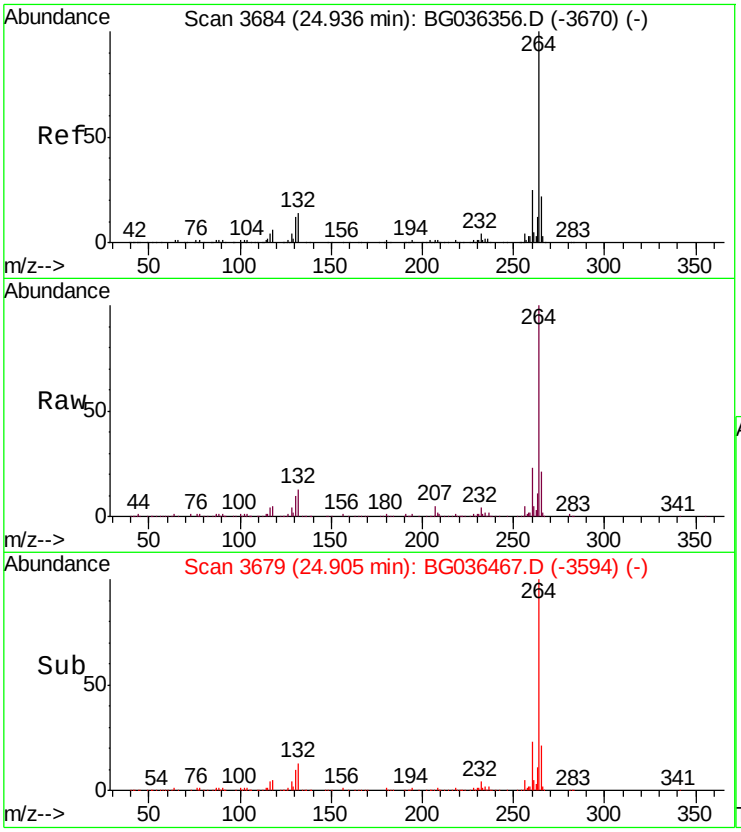


#78
Terphenyl-d14
Concen: 97.796 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Tgt Ion:244 Resp: 1884225

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.0	10.6
122	9.9	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3679
Delta R.T. -0.03 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

Tgt Ion:264 Resp: 452535

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	21.5	17.4	26.0