Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036426.D
Acq On : 27 Aug 2018 11:31
Operator : JU/SJ
Sample : PB112371BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 27 14:05:28 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	8.06	152	56802	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	241359	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	170627	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	464251	20.00	ng	0.00
75) Chrysene-d12	21.70	240	502871	20.00	ng	-0.01
86) Perylene-d12	24.92	264	501198	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	374605	104.61	ng	0.00
7) Phenol-d6	7.22	99	533319	104.03	ng	0.00
23) Nitrobenzene-d5	9.22	82	305621	68.70	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	225764	110.89	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	812567	68.00	ng	0.00
78) Terphenyl-d14	20.04	244	1527042	70.98	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	40590	10.594	ng	# 68
50) 2,6-Dinitrotoluene	14.69	165	21892	7.636	ng	# 23
56) 2,4-Dinitrotoluene	14.69	165	21892	5.859	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	16235	2.987	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
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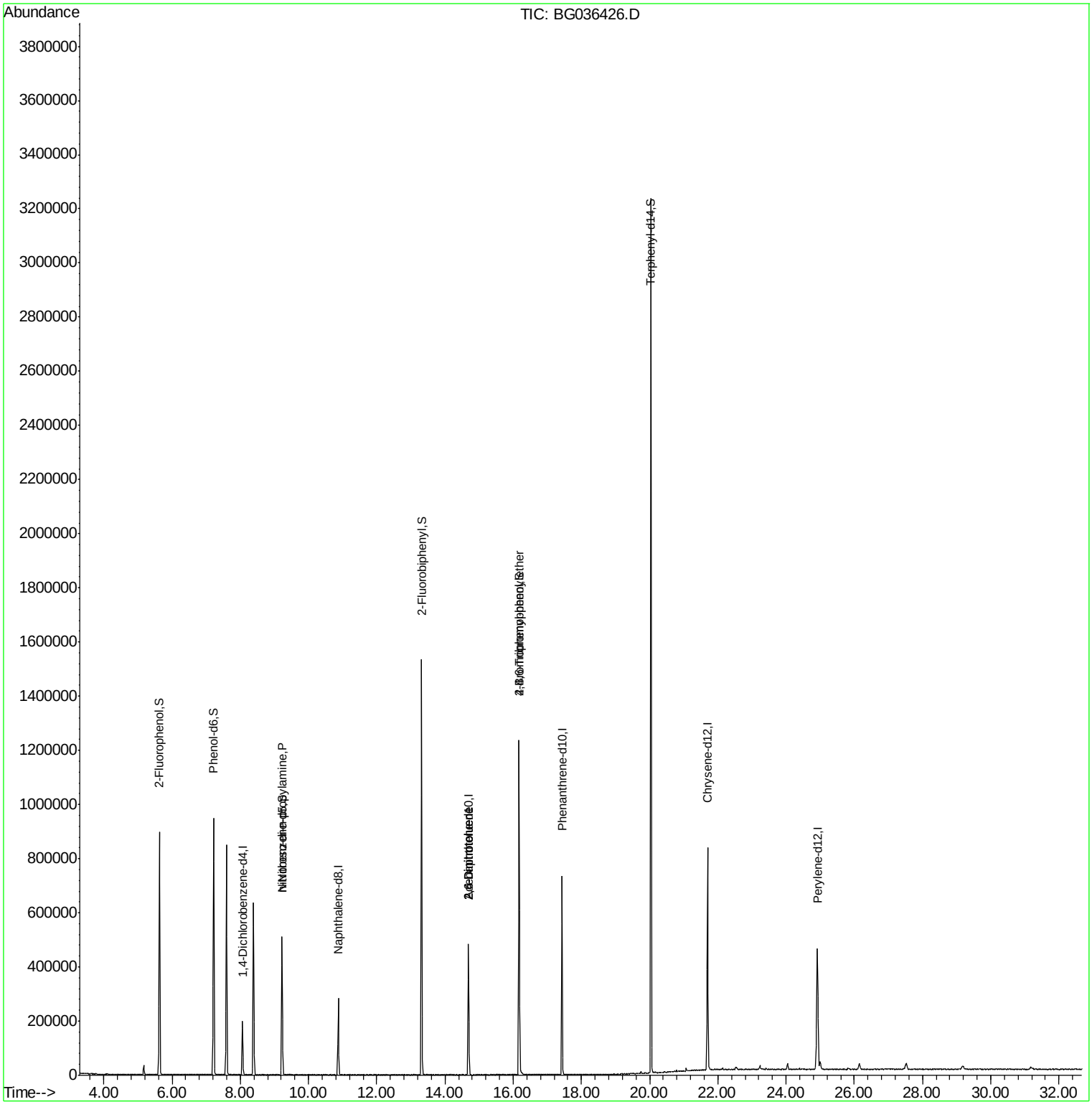
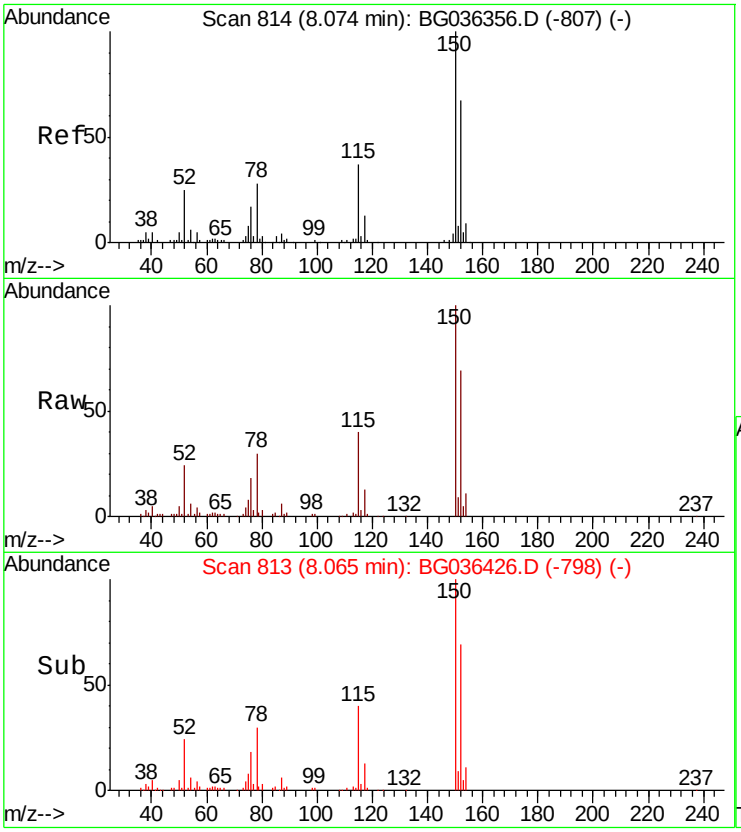


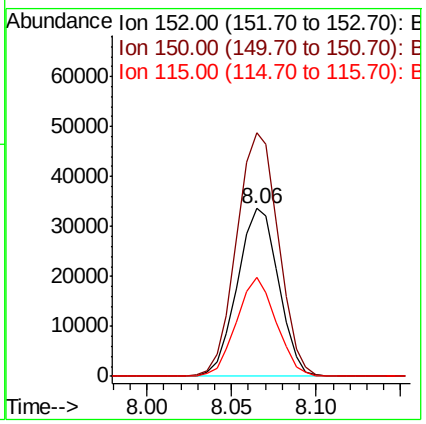


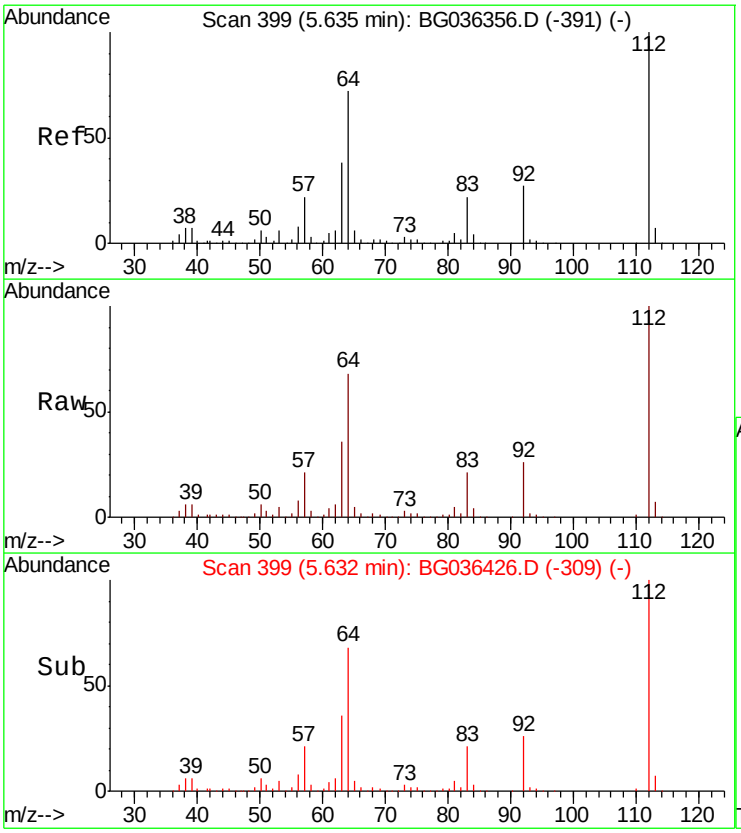
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 56802

Ion	Ratio	Lower	Upper
152	100		
150	145.1	119.5	179.3
115	58.6	44.5	66.7

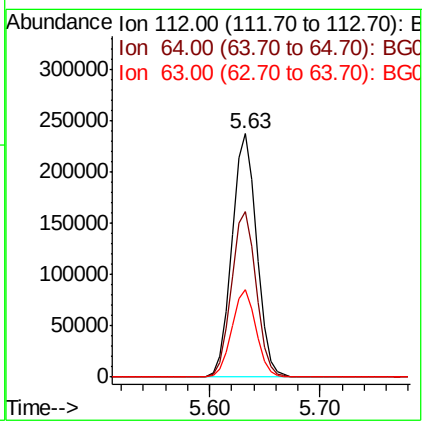


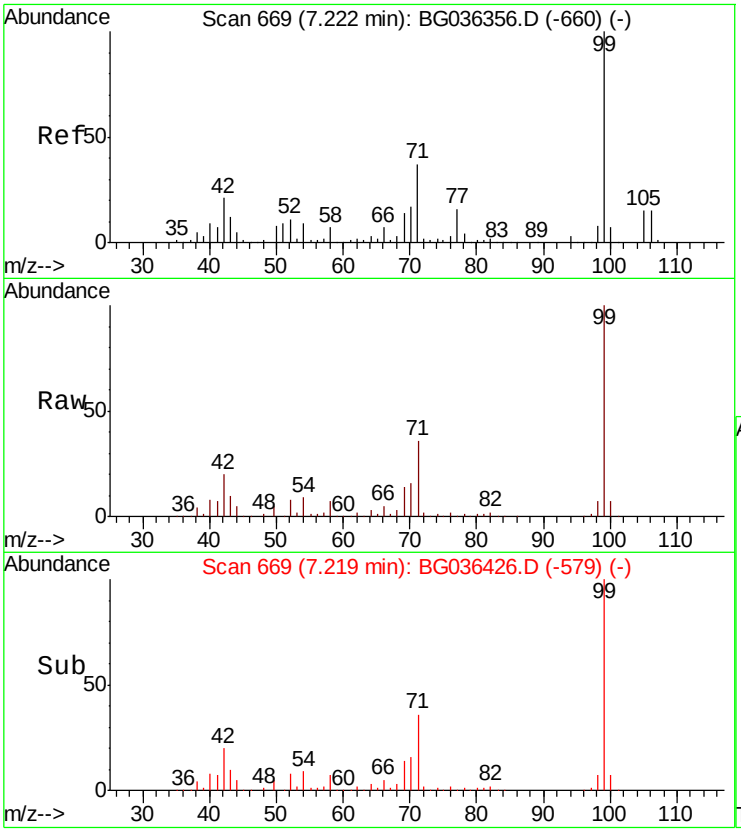


#5
2-Fluorophenol
Concen: 104.615 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Tgt Ion:112 Resp: 374605

Ion	Ratio	Lower	Upper
112	100		
64	68.2	57.2	85.8
63	35.8	30.8	46.2



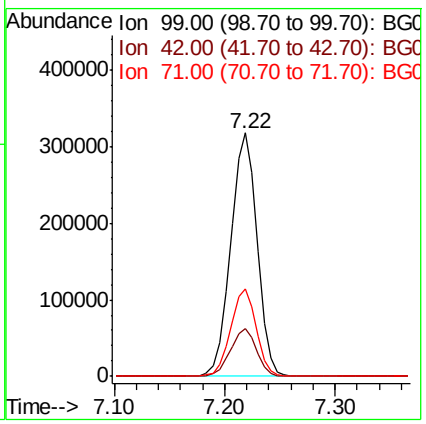


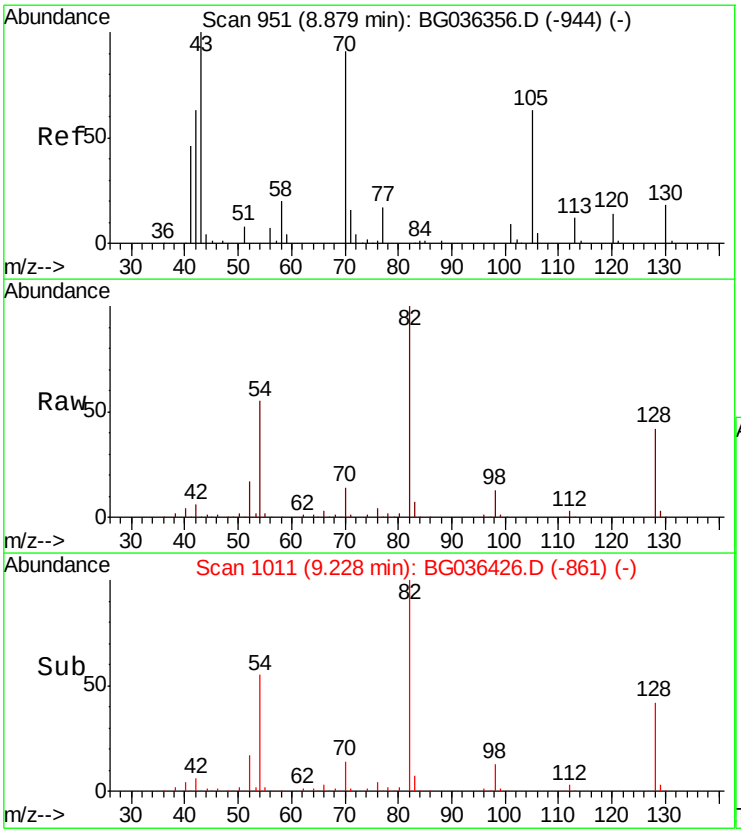
#7
Phenol-d6
Concen: 104.025 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 533319

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.5	24.7
71	36.0	29.4	44.2

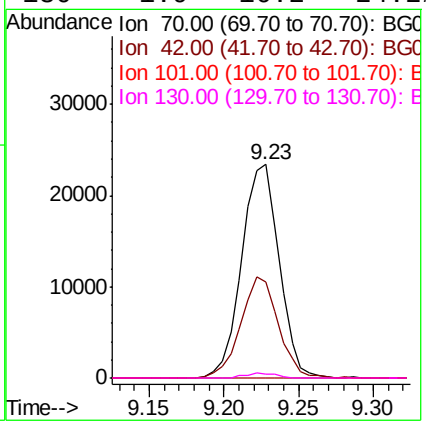


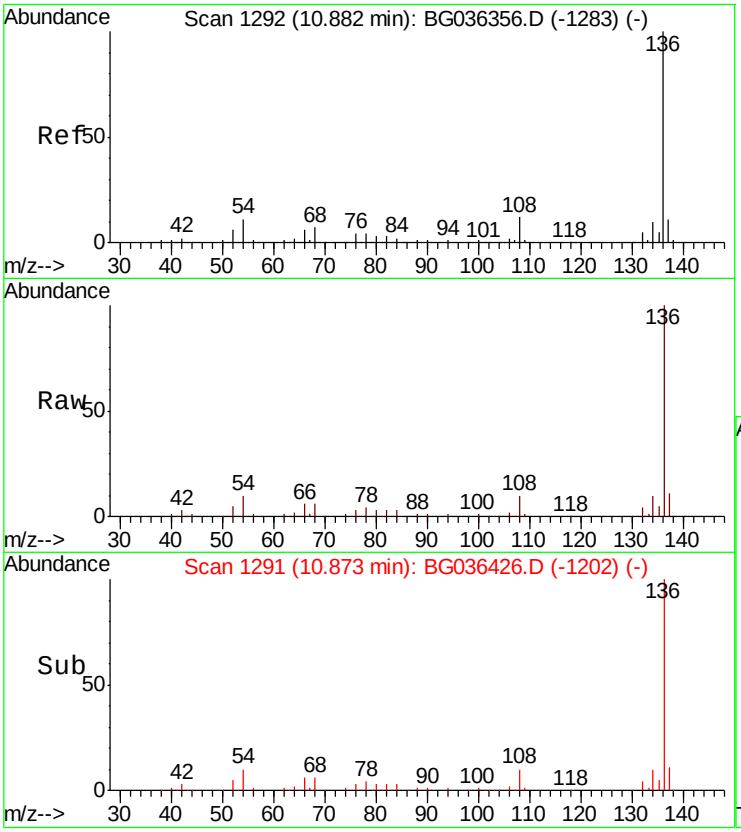


#19
n-Nitroso-di-n-propylamine
Concen: 10.594 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Tgt Ion: 70 Resp: 40590

Ion	Ratio	Lower	Upper
70	100		
42	45.0	56.2	84.4#
101	0.0	7.8	11.6#
130	1.9	16.2	24.2#



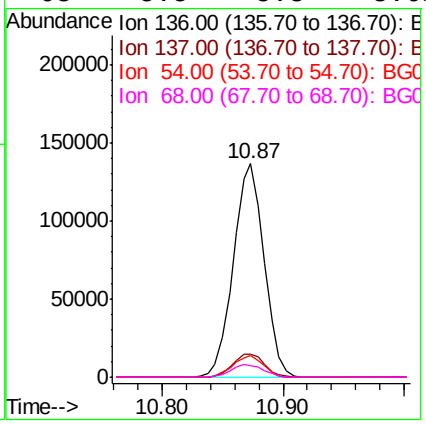


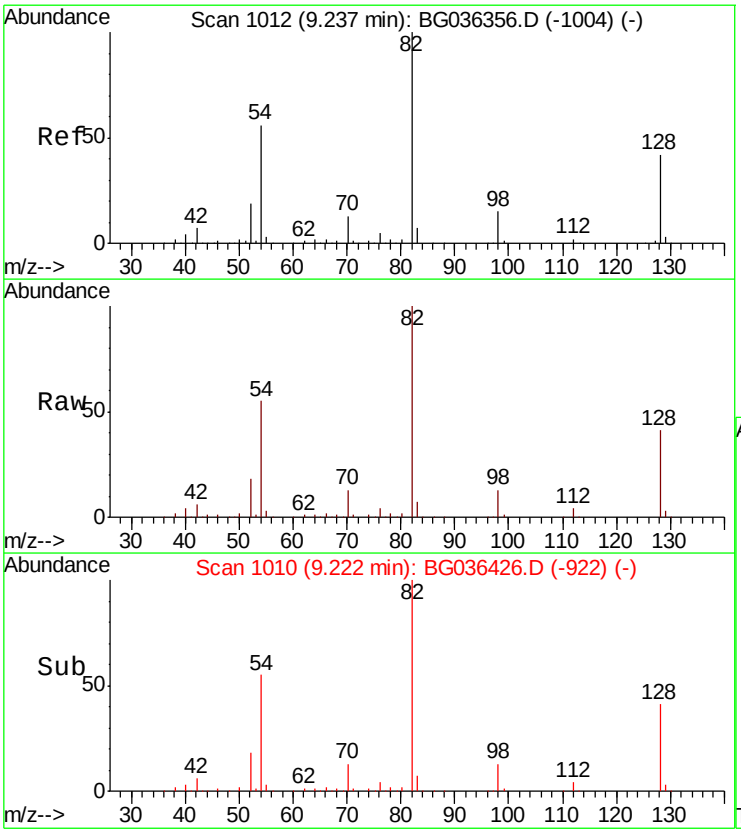
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 241359

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.5	9.2	13.8
68	5.5	5.8	8.6#

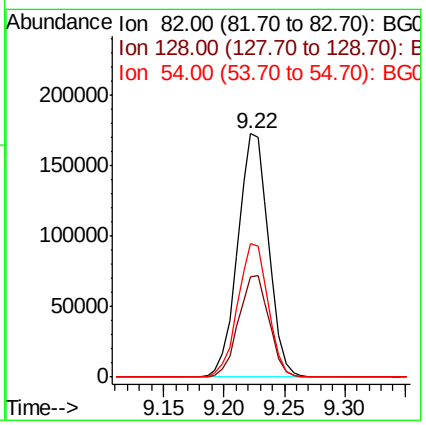


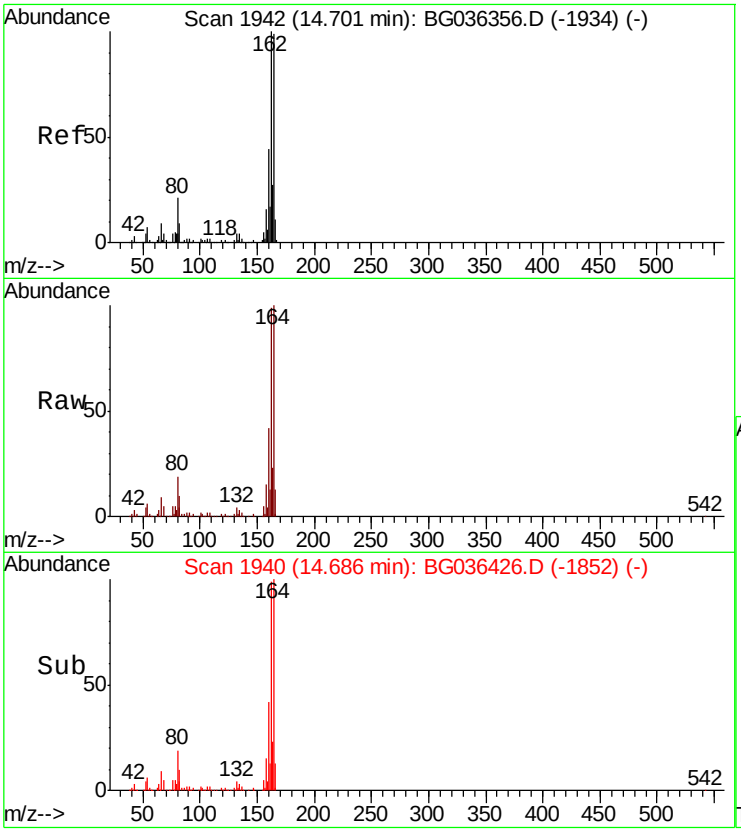


#23
Nitrobenzene-d5
Concen: 68.703 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Tgt Ion: 82 Resp: 305621

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	55.1	45.1	67.7



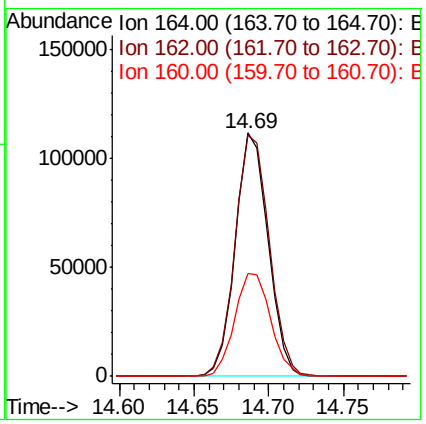


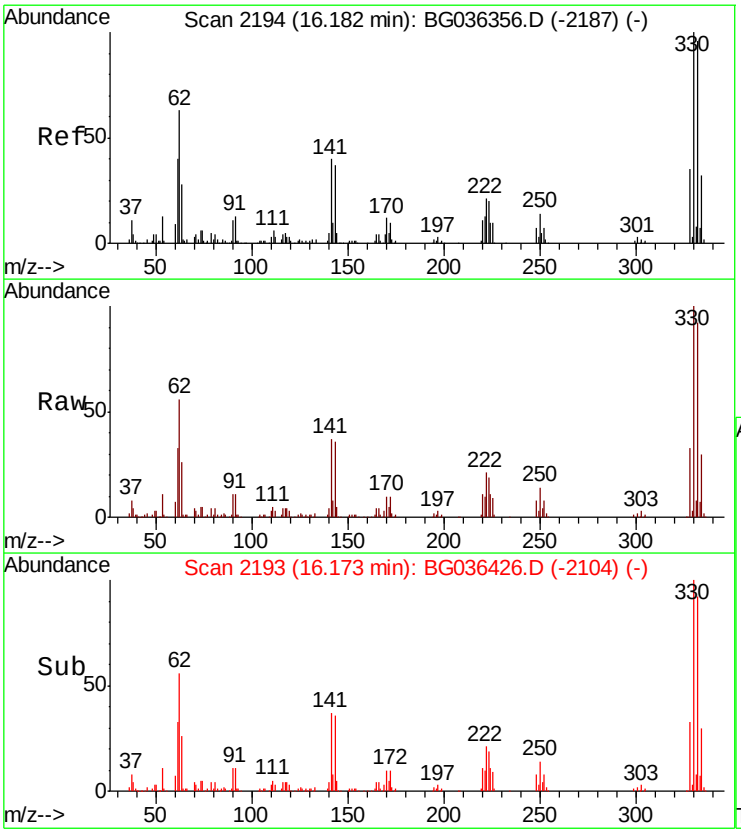
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 170627

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.7	121.1
160	42.5	35.3	52.9

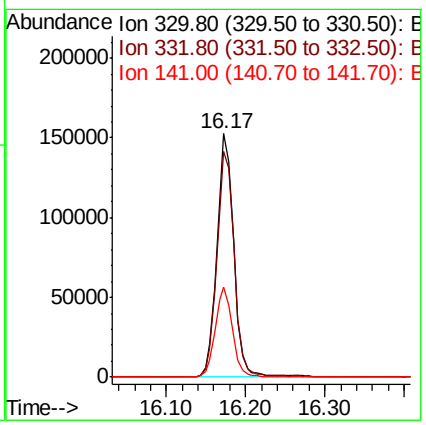


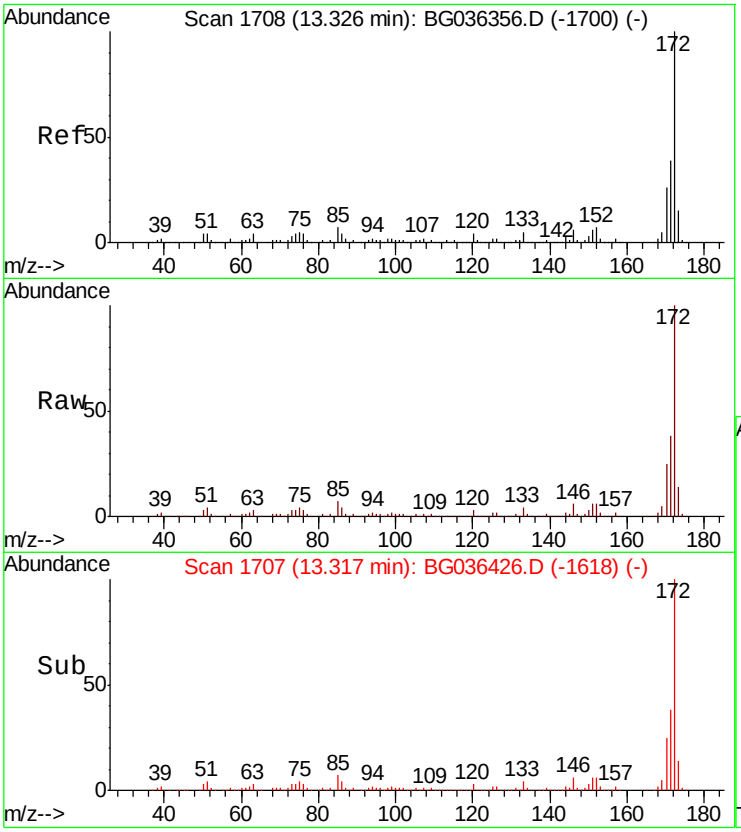


#41
2,4,6-Tribromophenol
Concen: 110.888 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Tgt Ion:330 Resp: 225764

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	37.2	30.7	46.1



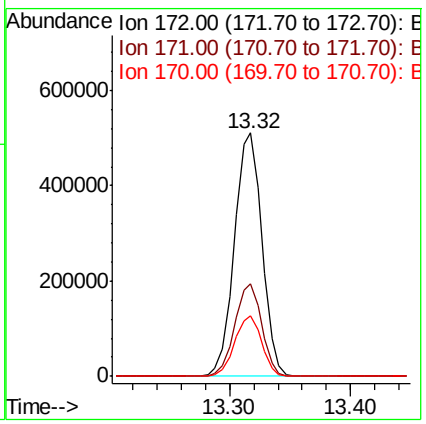


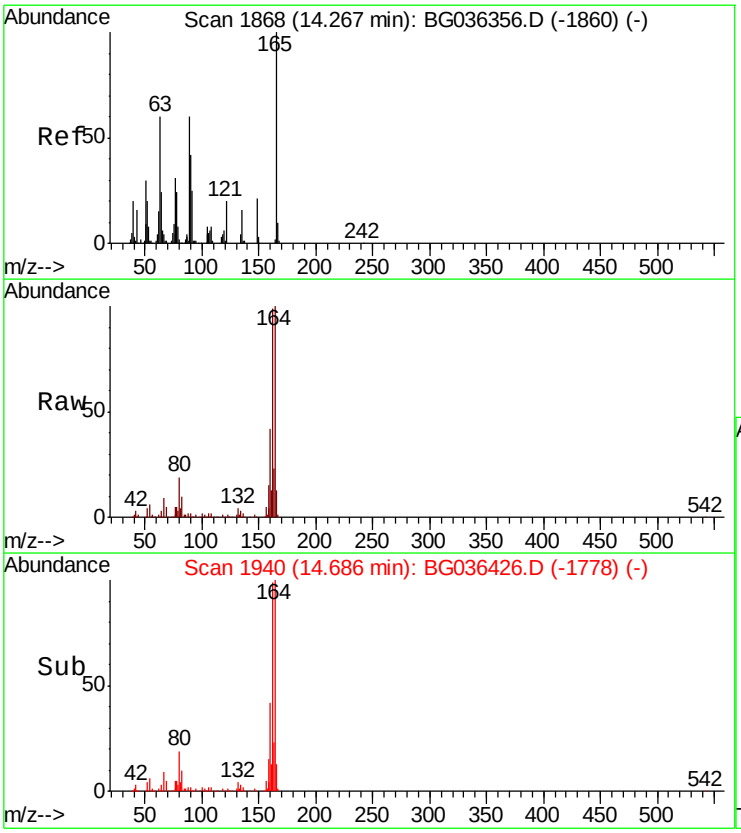
#44
2-Fluorobiphenyl
Concen: 67.996 ng
RT: 13.32 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 812567

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.7	21.0	31.6

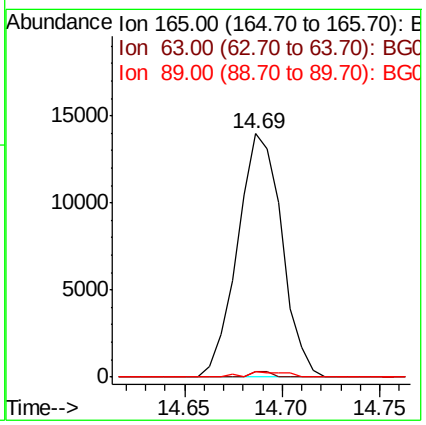


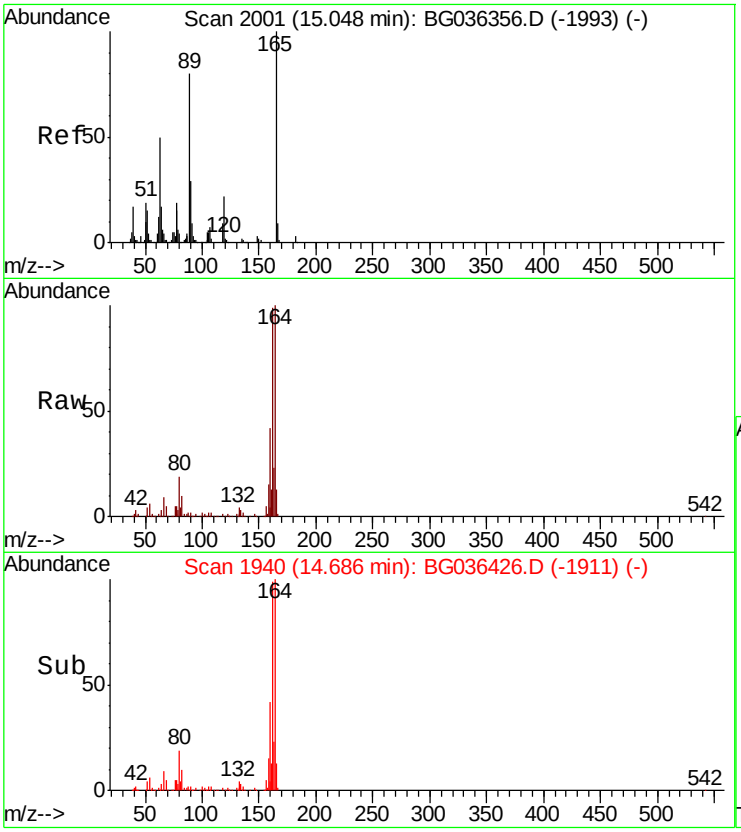


#50
2,6-Dinitrotoluene
Concen: 7.636 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Tgt Ion:165 Resp: 21892

Ion	Ratio	Lower	Upper
165	100		
63	2.1	50.1	75.1#
89	2.4	47.8	71.6#



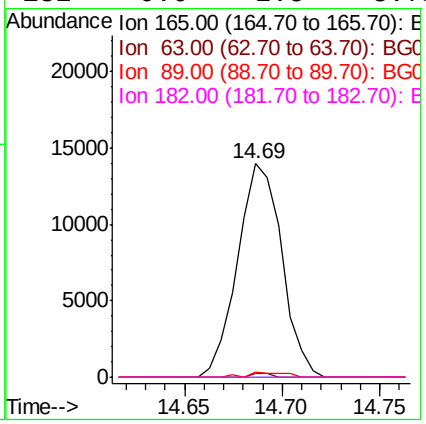


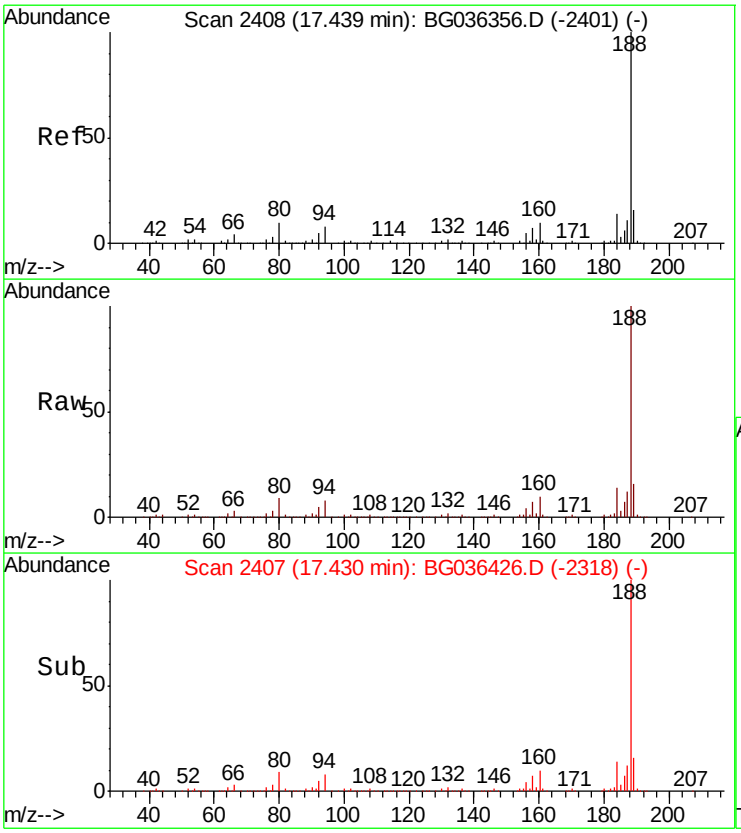
#56
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21892

Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	2.4	63.7	95.5#
182	0.0	2.5	3.7#

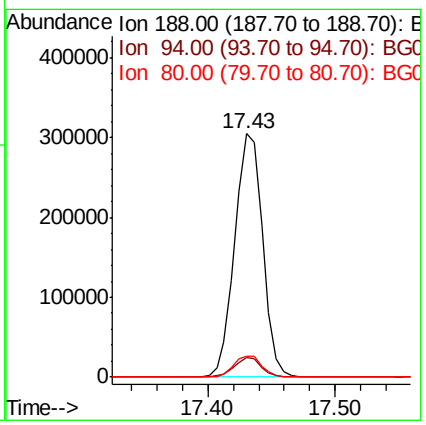


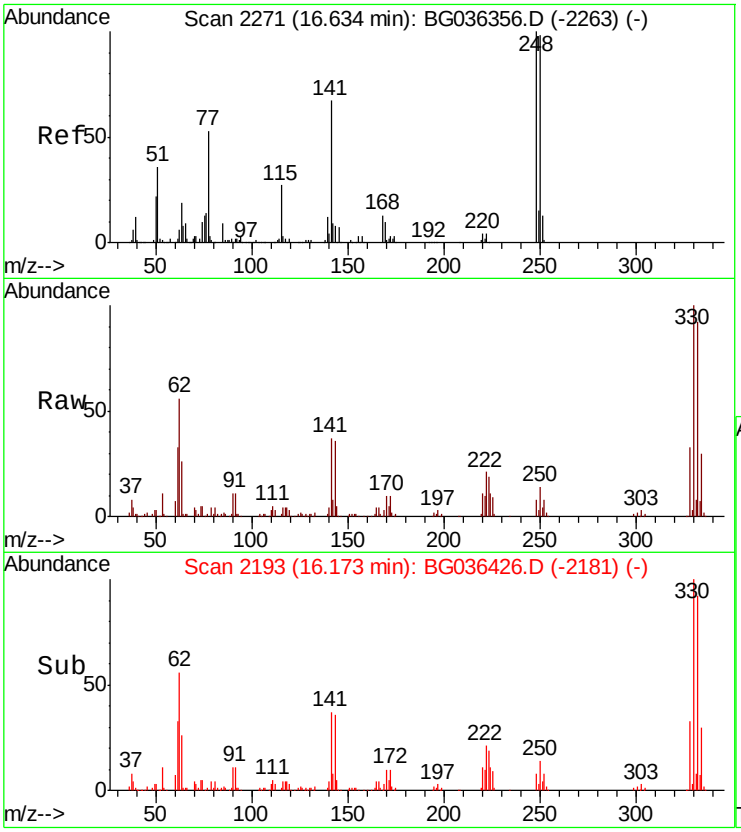


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Tgt Ion:188 Resp: 464251

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.8	8.1	12.1



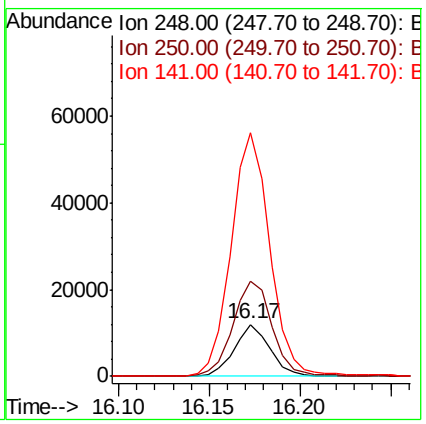


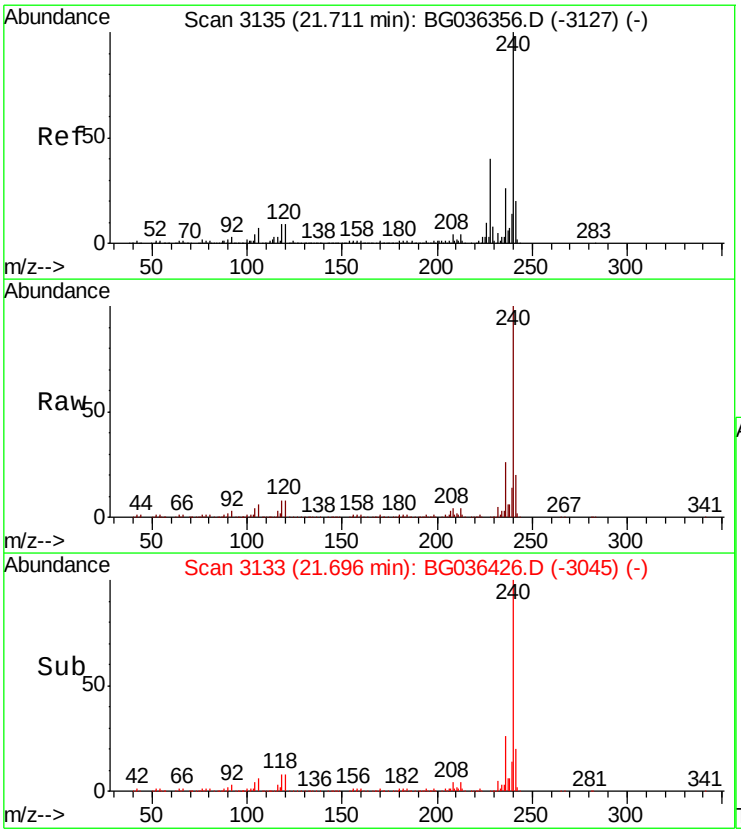
#66
4-Bromophenyl-phenylether
Concen: 2.987 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16235

Ion	Ratio	Lower	Upper
248	100		
250	184.0	78.1	117.1#
141	471.1	53.7	80.5#

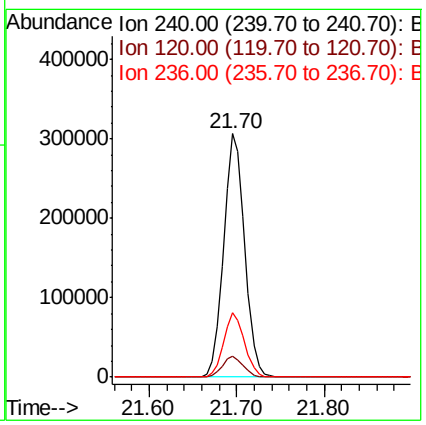


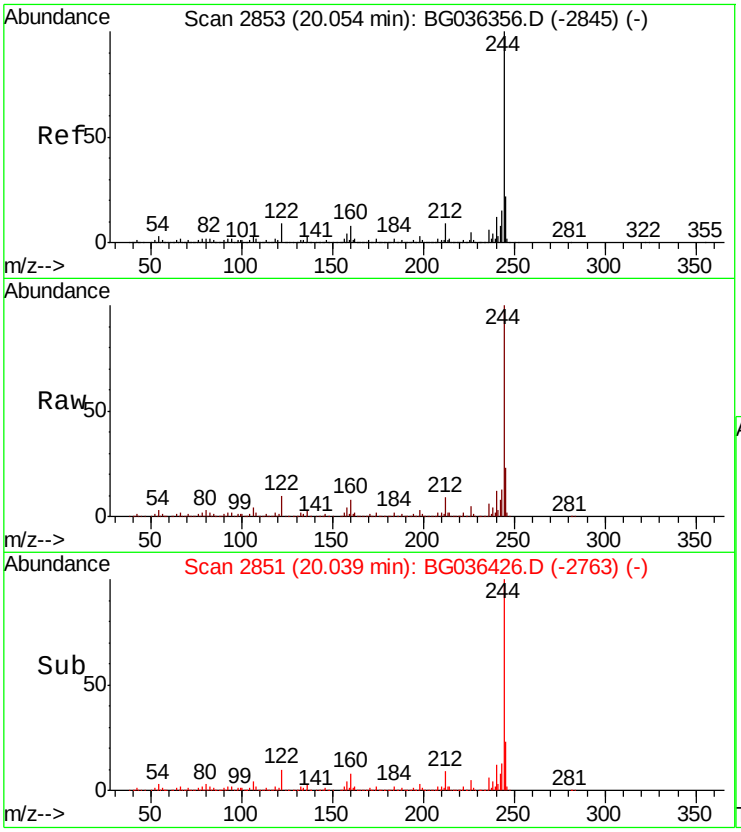


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Tgt Ion:240 Resp: 502871

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	26.4	21.2	31.8



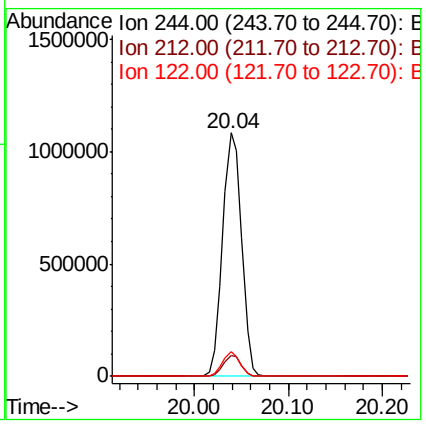


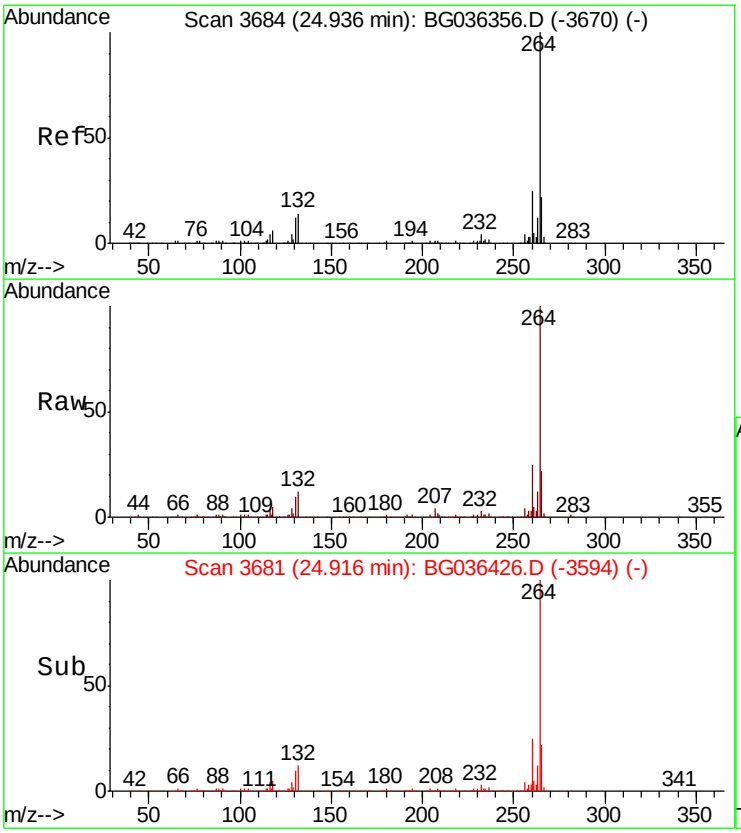
#78
Terphenyl-d14
Concen: 70.977 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1527042

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.9	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG036426.D
Acq: 27 Aug 2018 11:31

Tgt Ion:264 Resp: 501198

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.1	17.4	26.0