Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
Data File : BG036498.D
Acq On : 31 Aug 2018 3:59
Operator : JU/SJ
Sample : PB112500TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 31 05:02:03 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	53111	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	221409	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	152776	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	412510	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	448144	20.00	ng	-0.02
86) Perylene-d12	24.90	264	426368	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	411883	123.02	ng	0.00
7) Phenol-d6	7.22	99	573433	119.62	ng	0.00
23) Nitrobenzene-d5	9.22	82	333659	81.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	197182	108.17	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	828869	77.46	ng	-0.02
78) Terphenyl-d14	20.04	244	1497231	78.09	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	44206	12.339	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	19579	7.627	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	19579	5.852	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	13748	2.847	ng	# 1

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

Quantitation Report (Not Reviewed)

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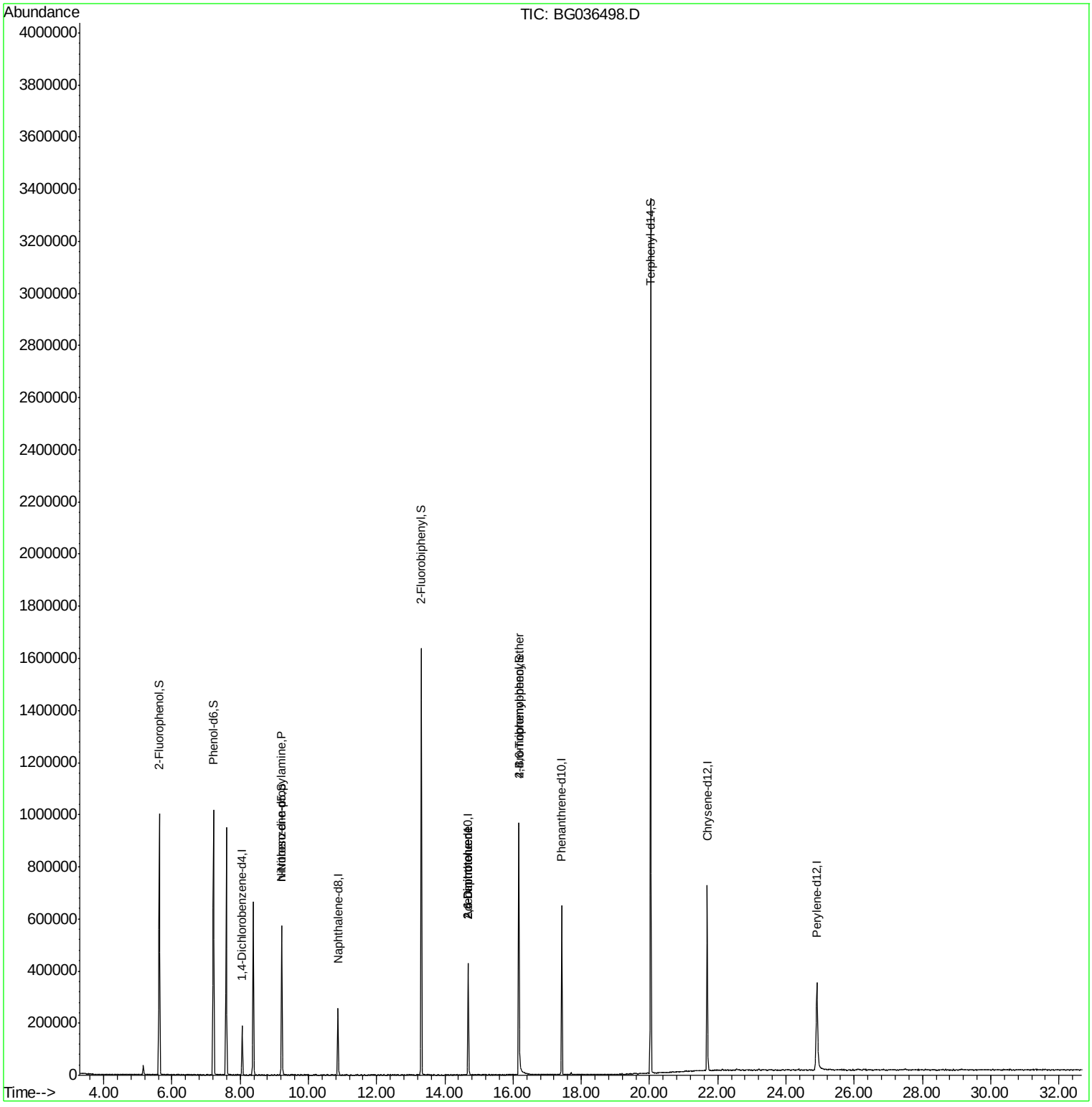
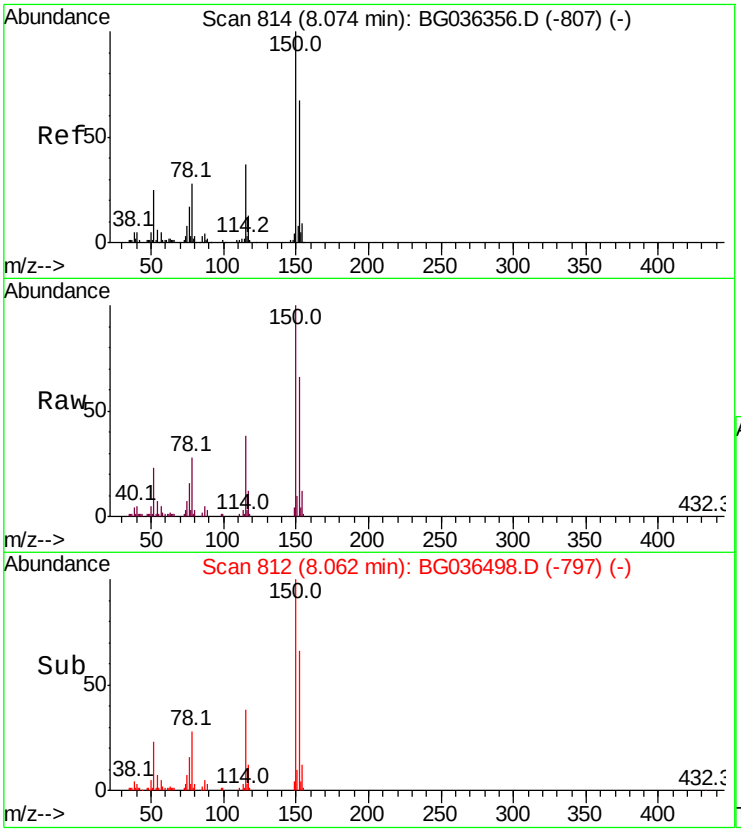


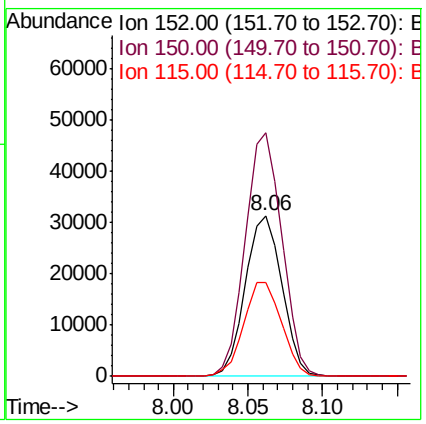


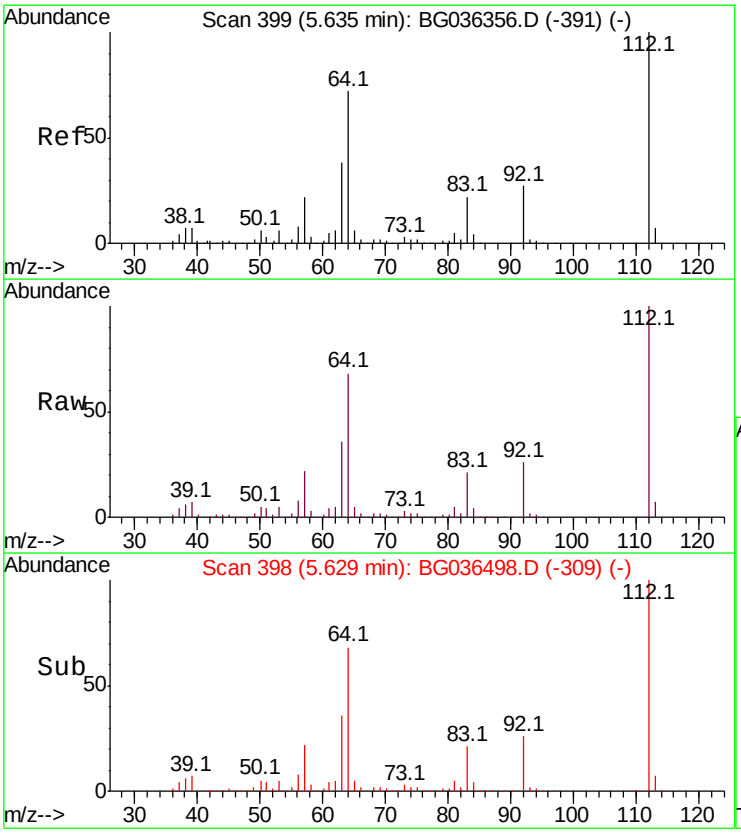
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 53111

Ion	Ratio	Lower	Upper
152	100		
150	151.6	119.5	179.3
115	58.3	44.5	66.7

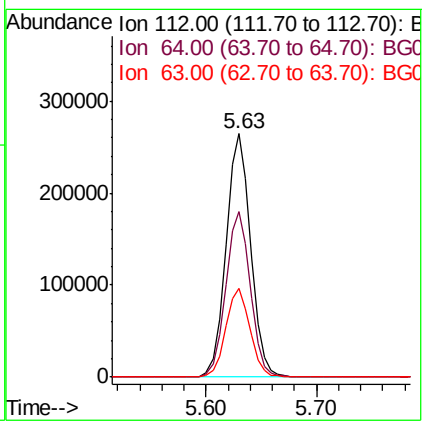


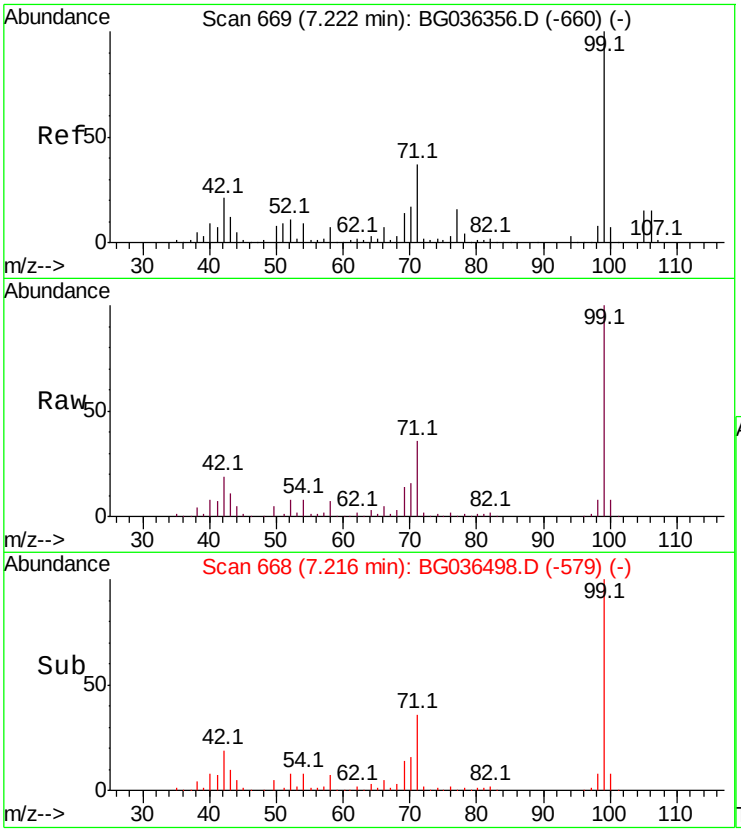


#5
2-Fluorophenol
Concen: 123.019 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion:112 Resp: 411883

Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.2	85.8
63	36.2	30.8	46.2



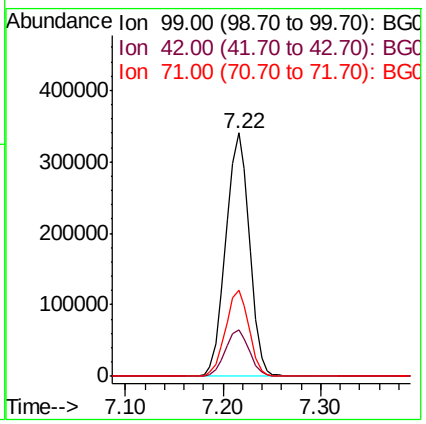


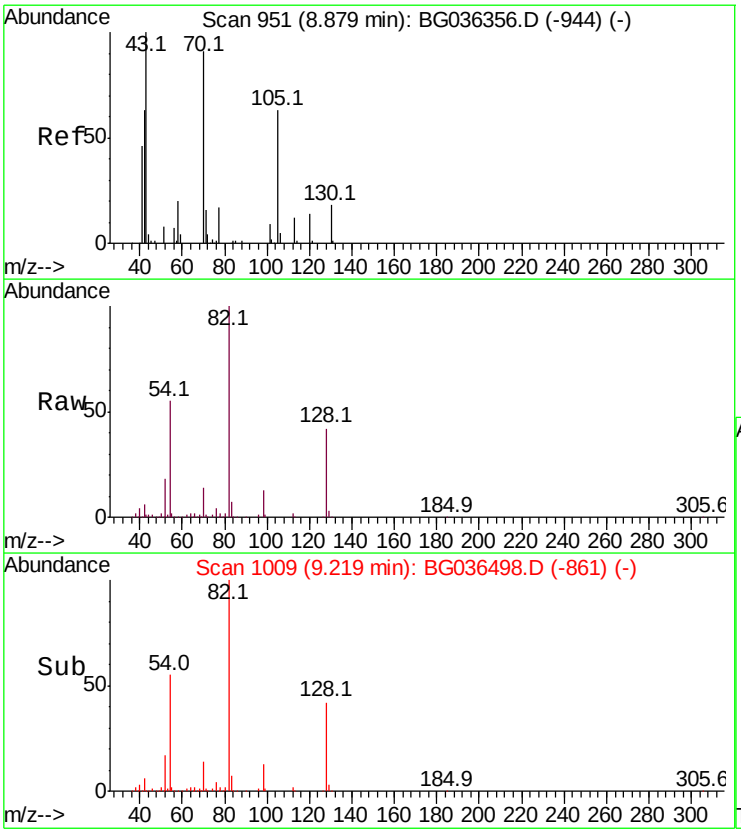
#7
Phenol-d6
Concen: 119.623 ng
RT: 7.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 573433

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.5	24.7
71	35.6	29.4	44.2

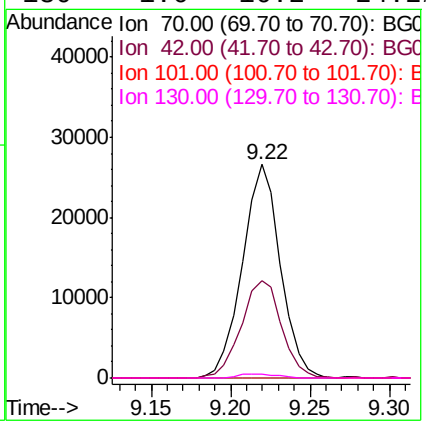


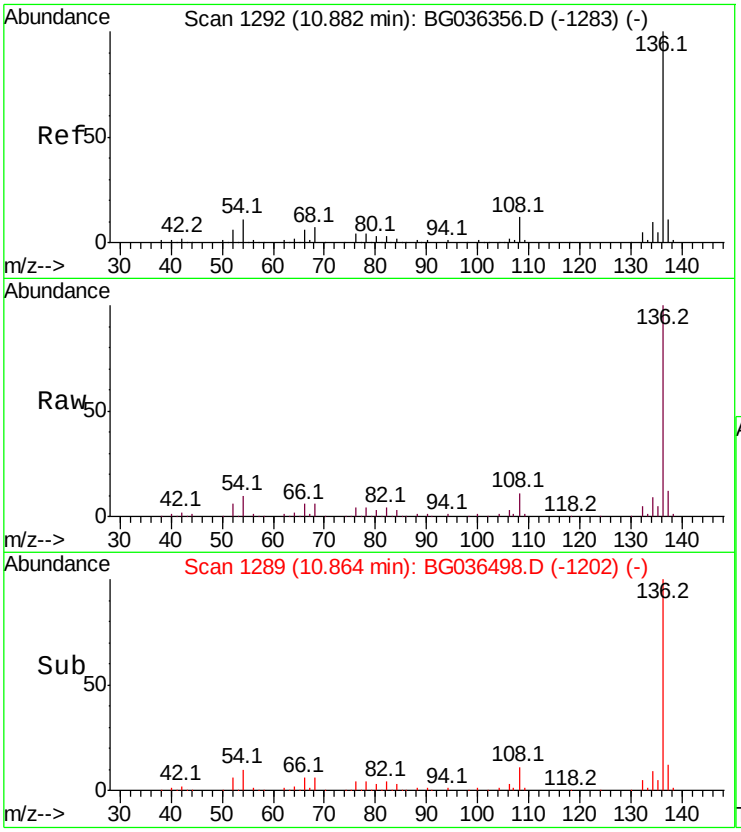


#19
n-Nitroso-di-n-propylamine
Concen: 12.339 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.34 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion: 70 Resp: 44206

Ion	Ratio	Lower	Upper
70	100		
42	45.7	56.2	84.4#
101	0.0	7.8	11.6#
130	1.6	16.2	24.2#



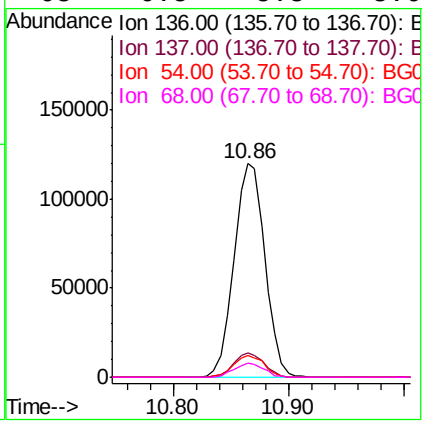


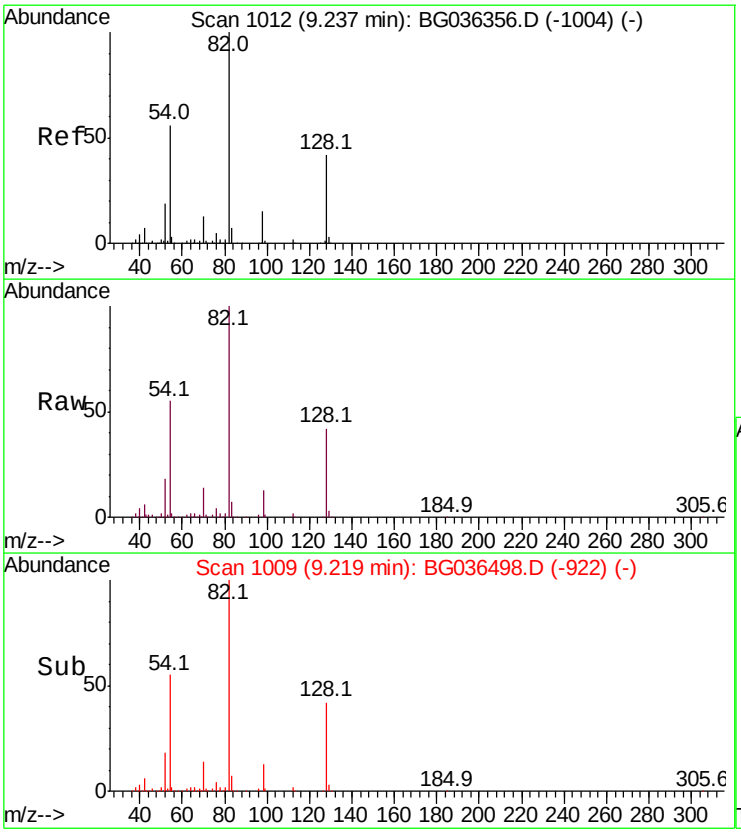
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 221409

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.5	9.2	13.8
68	6.5	5.8	8.6

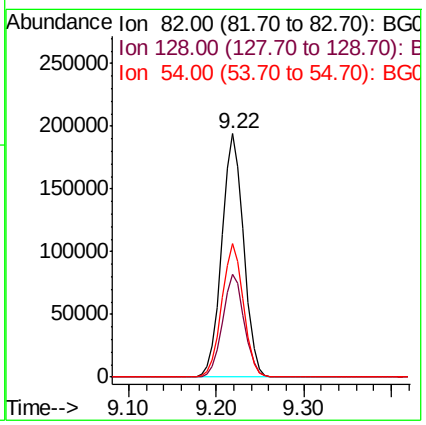


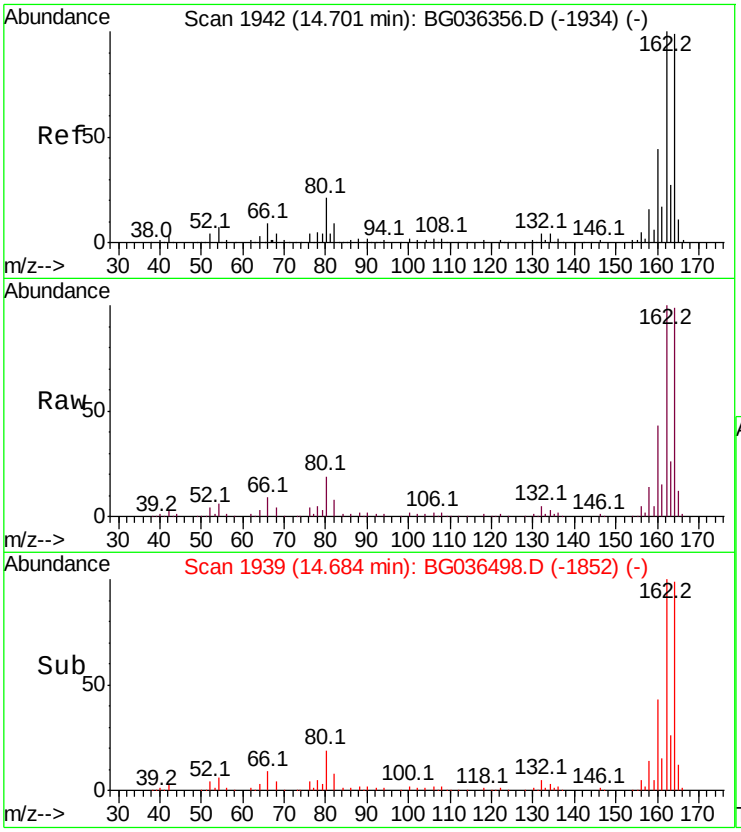


#23
Nitrobenzene-d5
Concen: 81.764 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion: 82 Resp: 333659

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.3	49.9
54	54.8	45.1	67.7



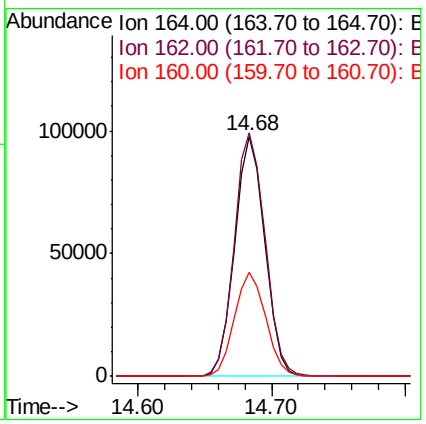


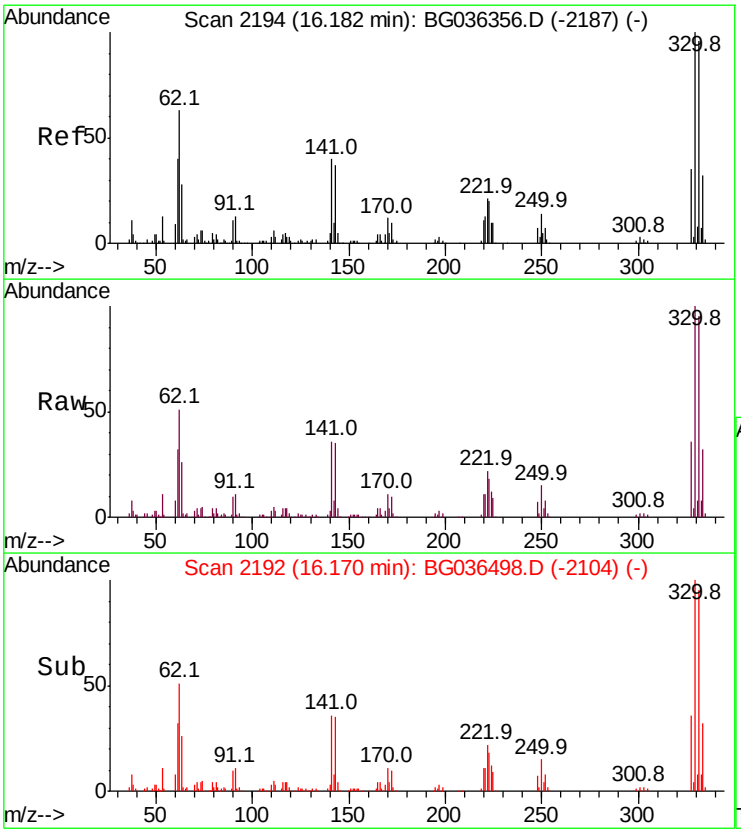
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 152776

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	43.4	35.3	52.9

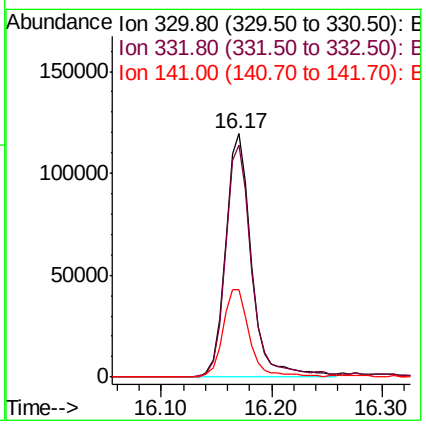


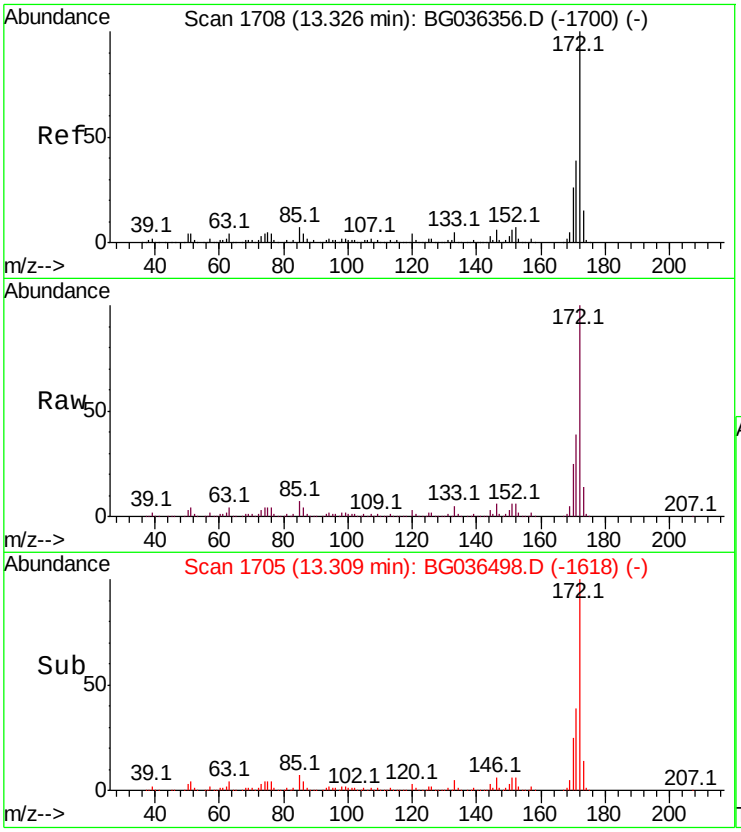


#41
2,4,6-Tribromophenol
Concen: 108.166 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion:330 Resp: 197182

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.2
141	37.0	30.7	46.1



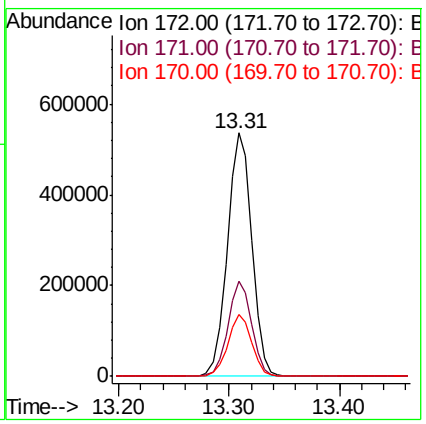


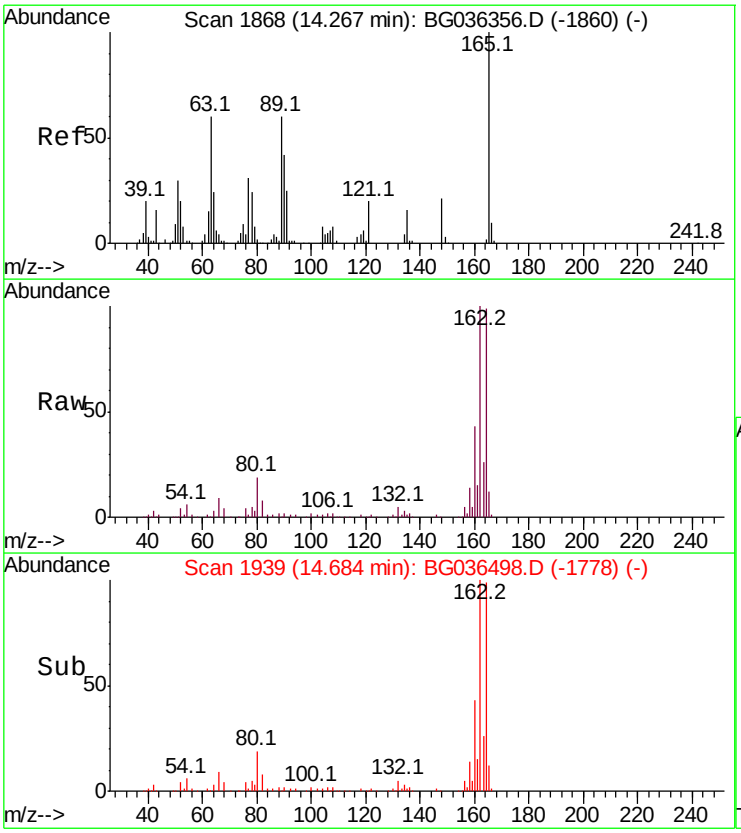
#44
2-Fluorobiphenyl
Concen: 77.465 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 828869

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.3	21.0	31.6

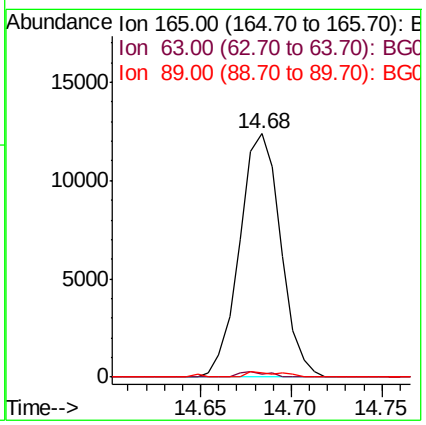


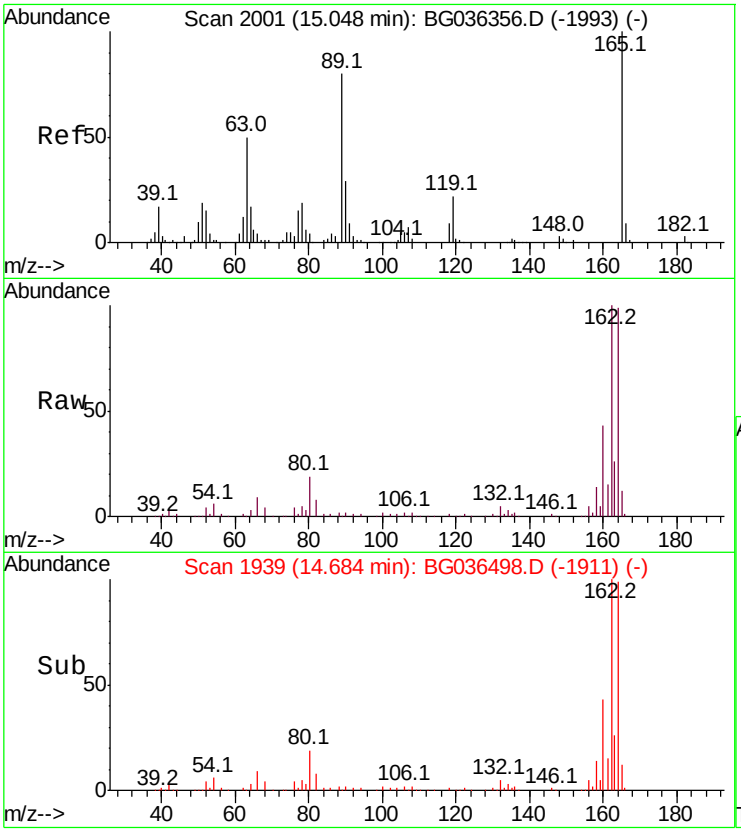


#50
2,6-Dinitrotoluene
Concen: 7.627 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion:165 Resp: 19579

Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.1	75.1#
89	2.0	47.8	71.6#



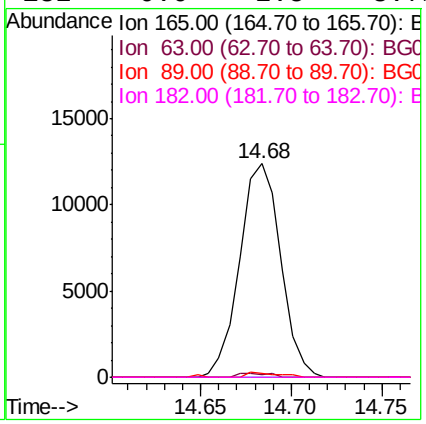


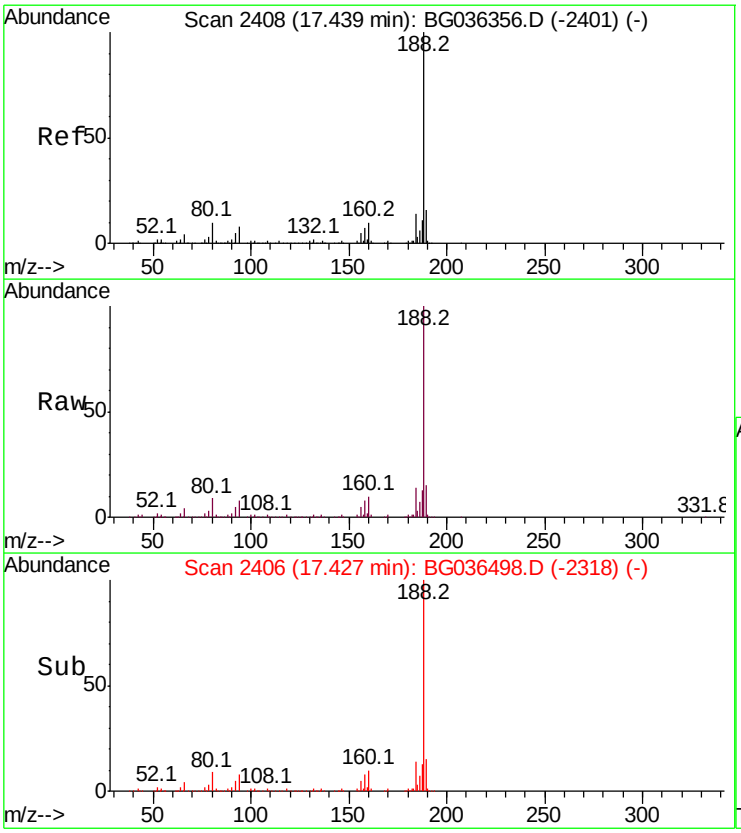
#56
2,4-Dinitrotoluene
Concen: 5.852 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19579

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#

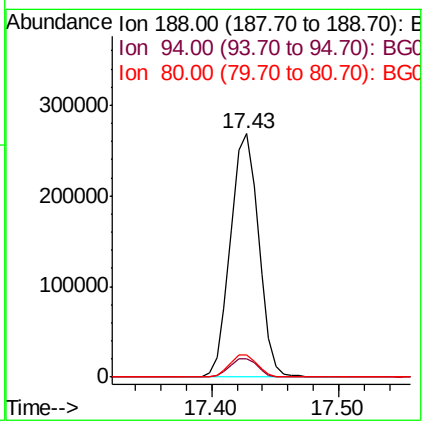


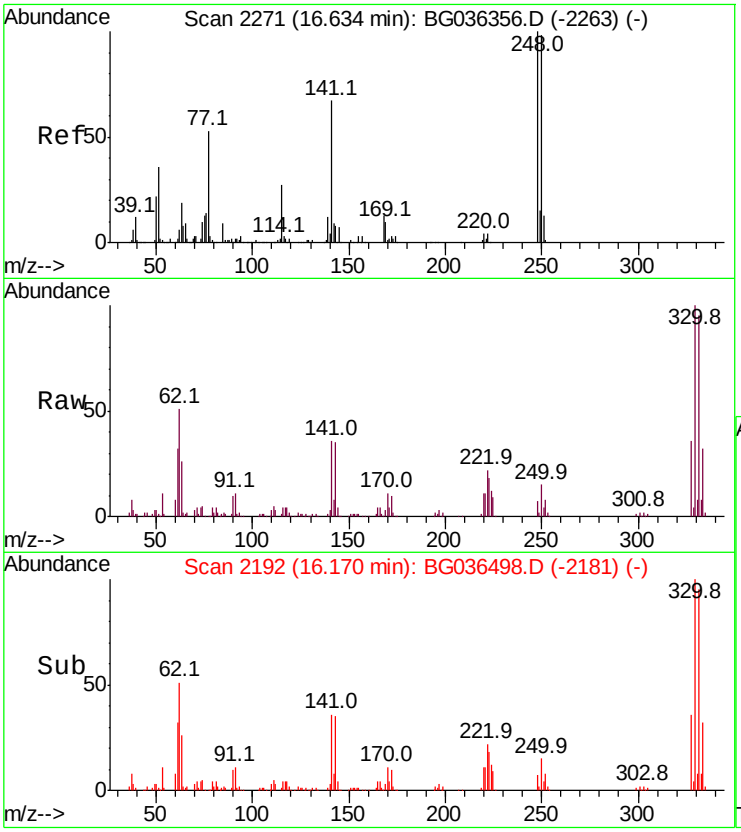


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion:188 Resp: 412510

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.0	8.1	12.1



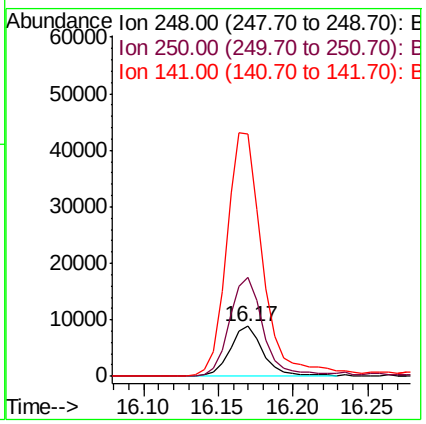


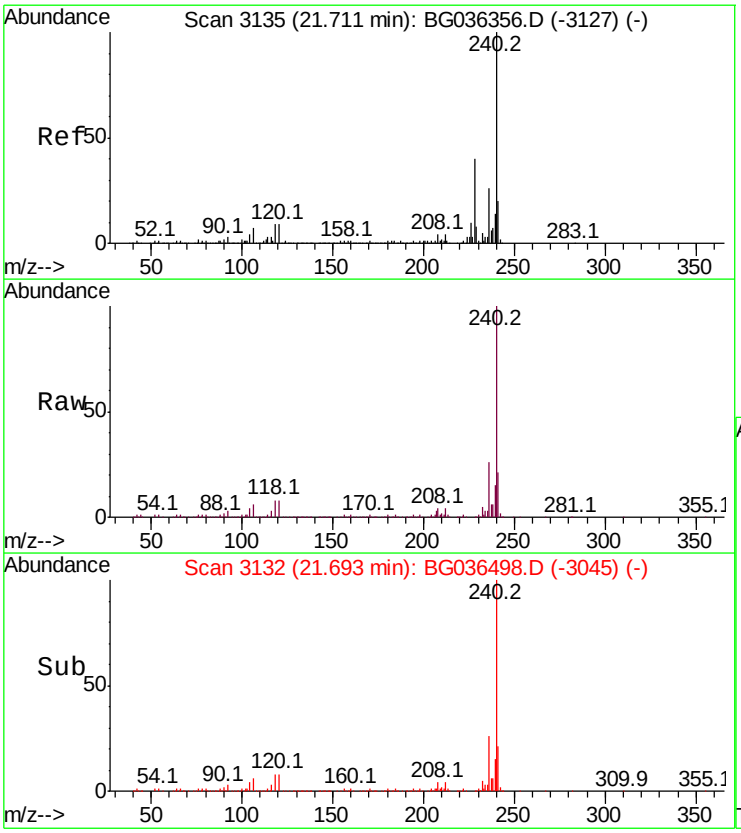
#66
4-Bromophenyl-phenylether
Concen: 2.847 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.46 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13748

Ion	Ratio	Lower	Upper
248	100		
250	198.0	78.1	117.1#
141	483.1	53.7	80.5#

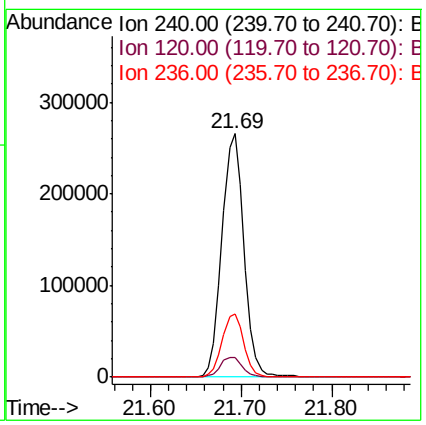


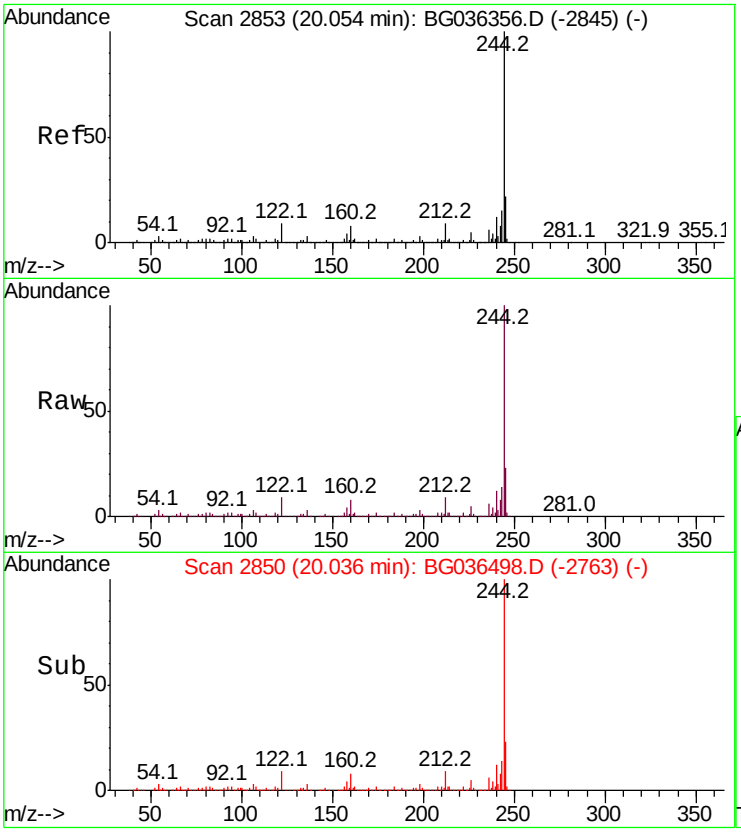


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion:240 Resp: 448144

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	26.0	21.2	31.8



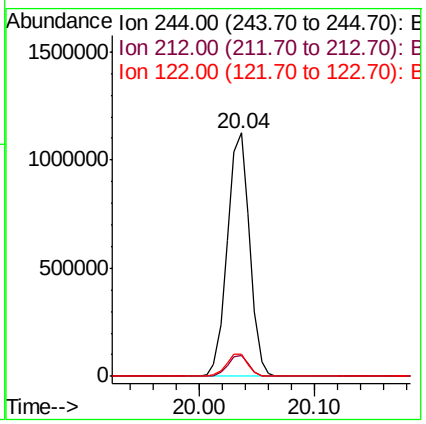


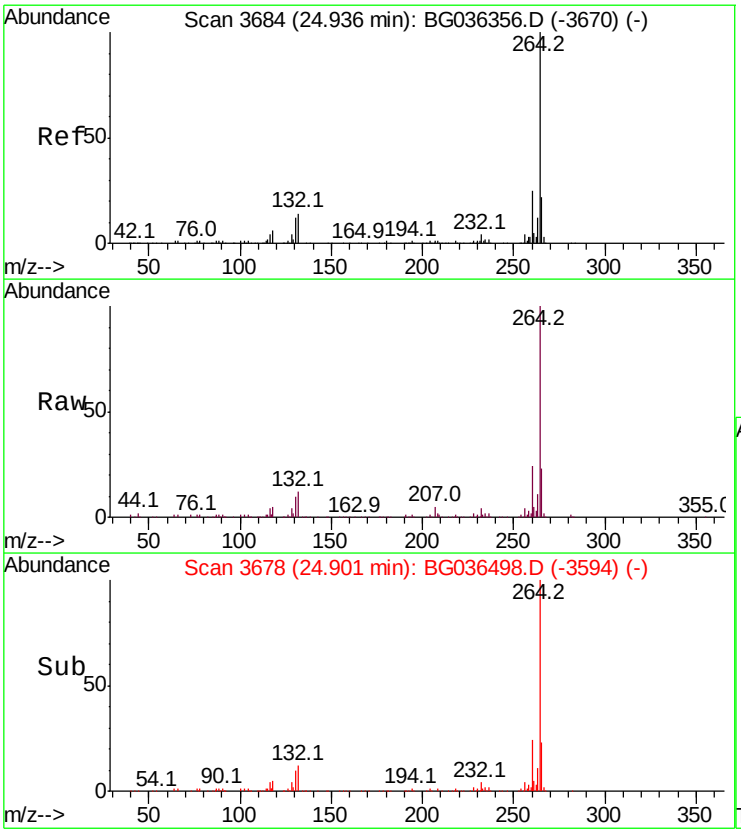
#78
Terphenyl-d14
Concen: 78.090 ng
RT: 20.04 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1497231

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.3	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.04 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion:264 Resp: 426368

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.7	17.4	26.0