Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036537.D
Acq On : 4 Sep 2018 18:27
Operator : JU/SJ
Sample : J4747-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 05 02:28:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59042	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	248799	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	160566	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	414865	20.00	ng	0.00
75) Chrysene-d12	21.69	240	445041	20.00	ng	0.00
86) Perylene-d12	24.90	264	435461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	380325	102.18	ng	0.00
7) Phenol-d6	7.21	99	493862	92.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	352508	76.87	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	228203	119.11	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	805278	71.61	ng	0.00
78) Terphenyl-d14	20.03	244	1475024	77.47	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	46304	11.626	ng	# 75
50) 2,6-Dinitrotoluene	14.68	165	20825	7.719	ng	# 23
56) 2,4-Dinitrotoluene	14.68	165	20825	5.923	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	16398	3.376	ng	# 1

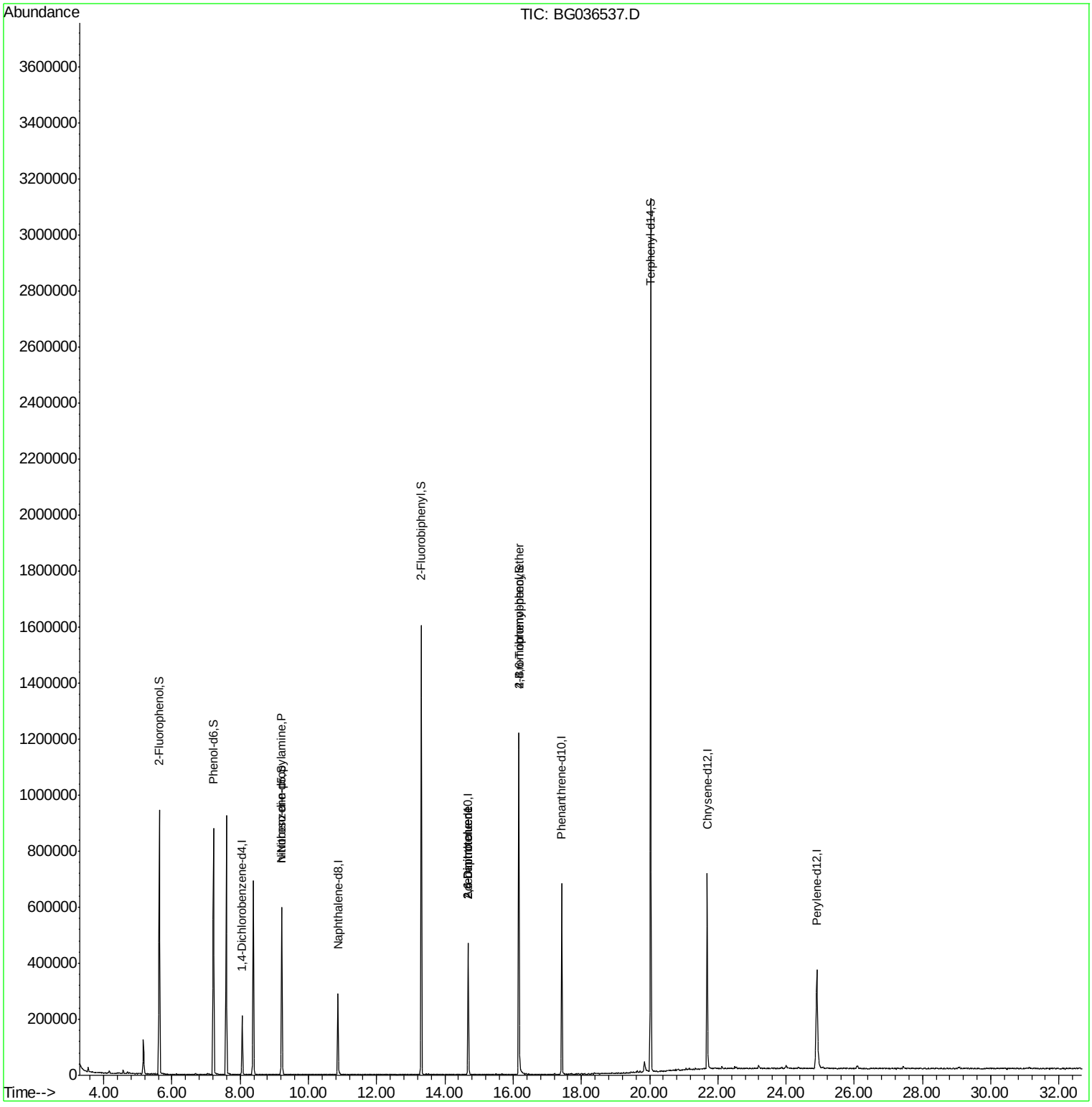
(#) = qualifier out of range (m) = manual integration (+) = signals summed

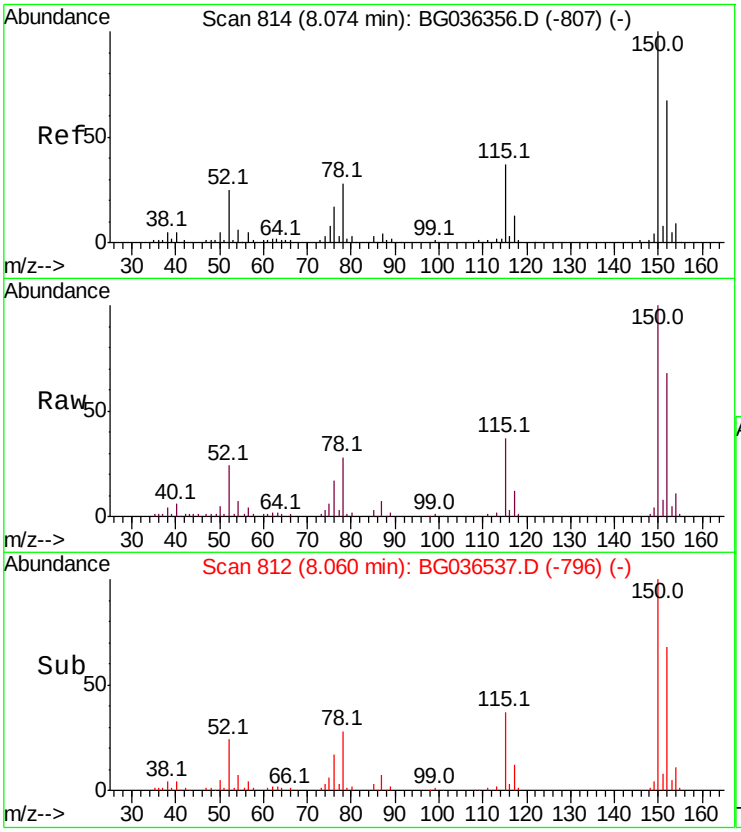
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036537.D
Acq On : 4 Sep 2018 18:27
Operator : JU/SJ
Sample : J4747-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 05 02:28:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



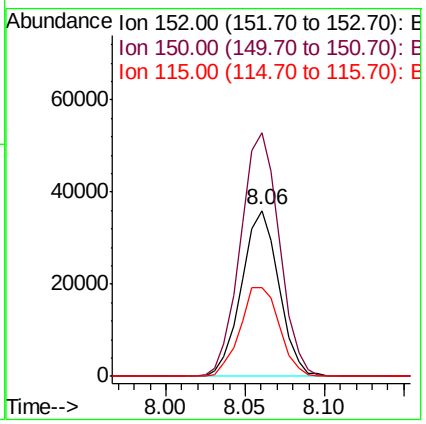


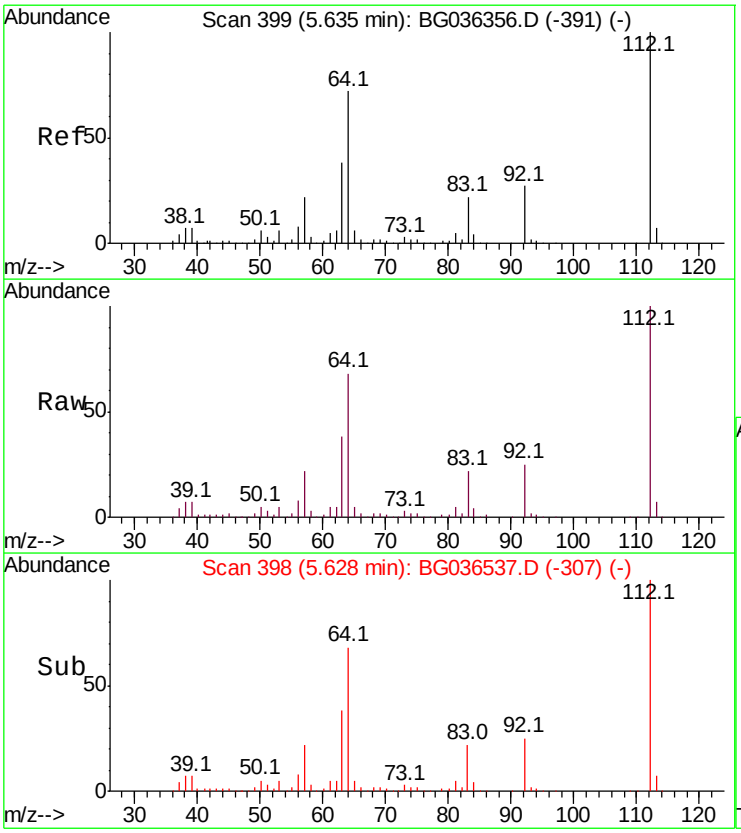
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 59042

Ion	Ratio	Lower	Upper
152	100		
150	146.6	119.5	179.3
115	53.6	44.5	66.7

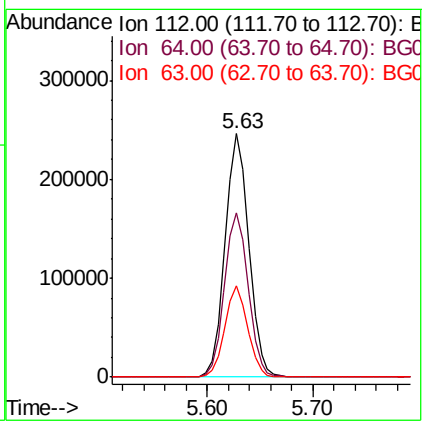


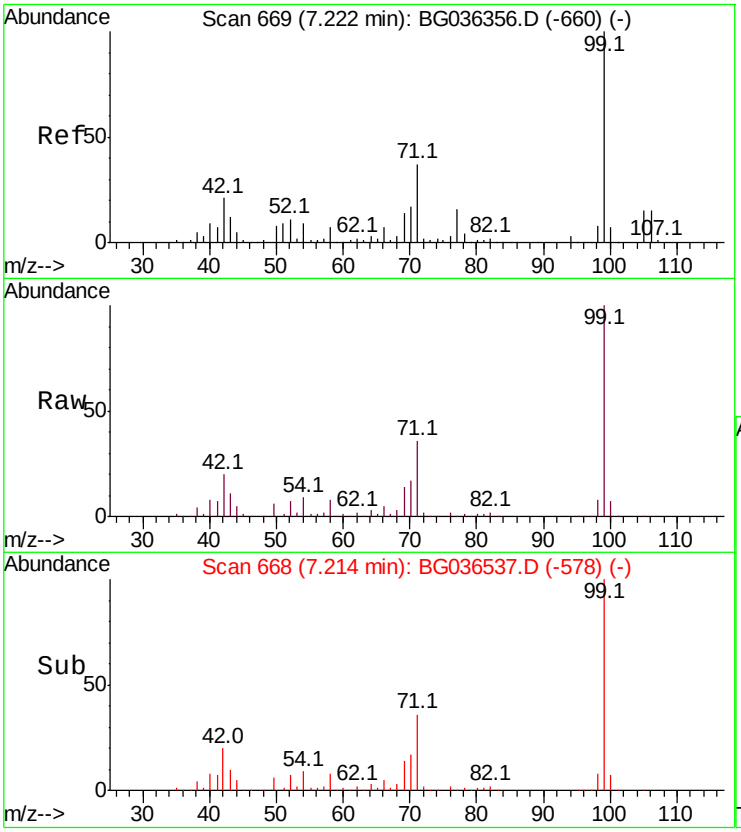


#5
2-Fluorophenol
Concen: 102.183 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Tgt Ion:112 Resp: 380325

Ion	Ratio	Lower	Upper
112	100		
64	67.6	57.2	85.8
63	37.5	30.8	46.2



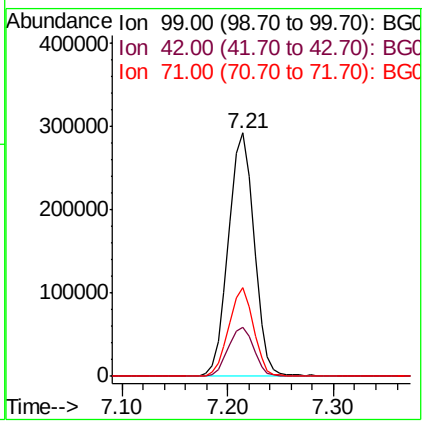


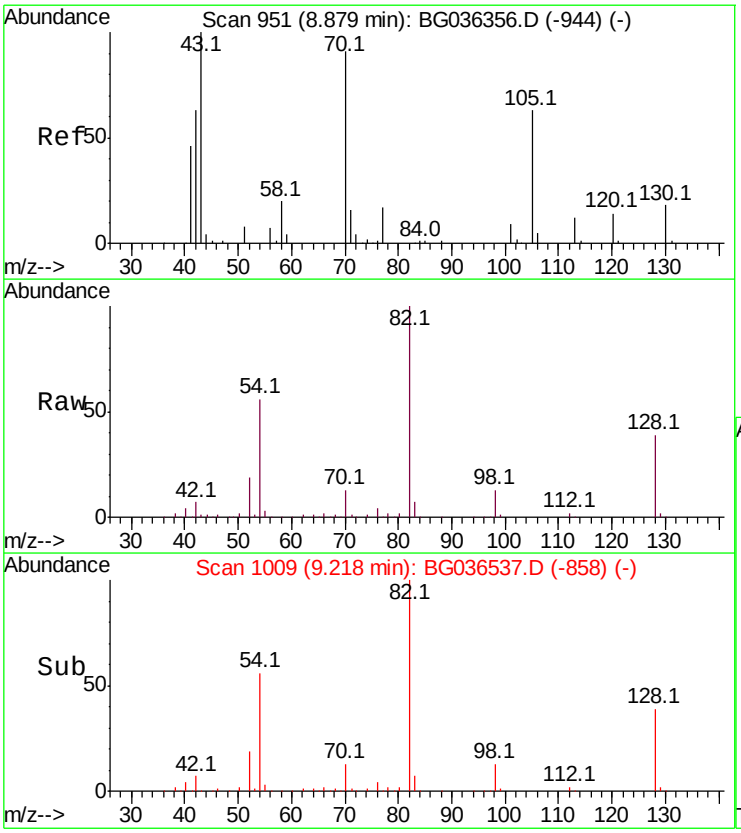
#7
Phenol-d6
Concen: 92.675 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 493862

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.5	24.7
71	36.3	29.4	44.2

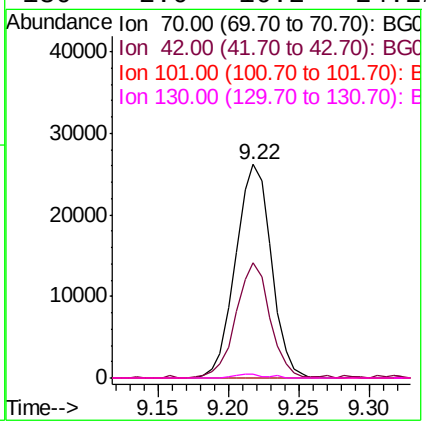


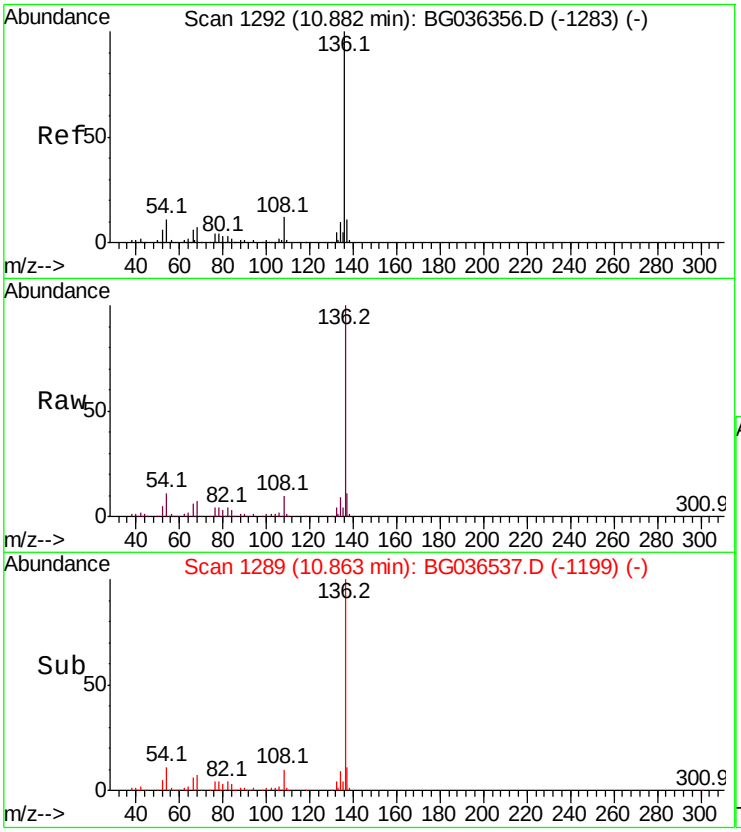


#19
n-Nitroso-di-n-propylamine
Concen: 11.626 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Tgt Ion: 70 Resp: 46304

Ion	Ratio	Lower	Upper
70	100		
42	53.7	56.2	84.4#
101	0.0	7.8	11.6#
130	2.0	16.2	24.2#



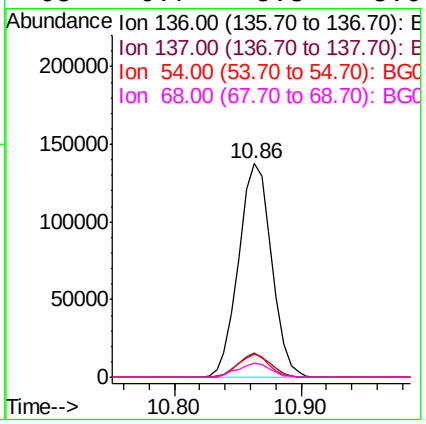


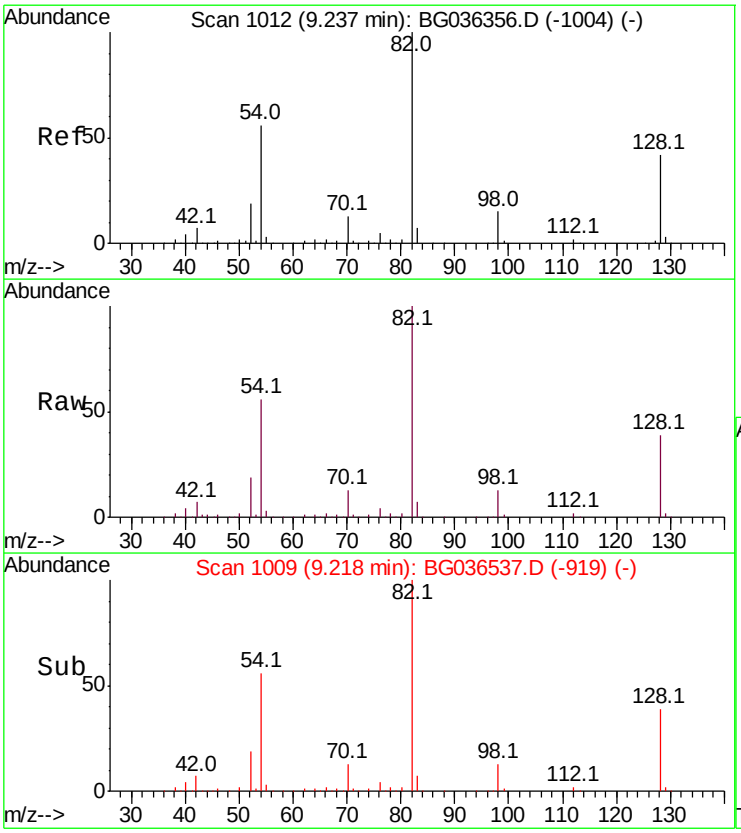
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 248799

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.9	9.2	13.8
68	6.7	5.8	8.6

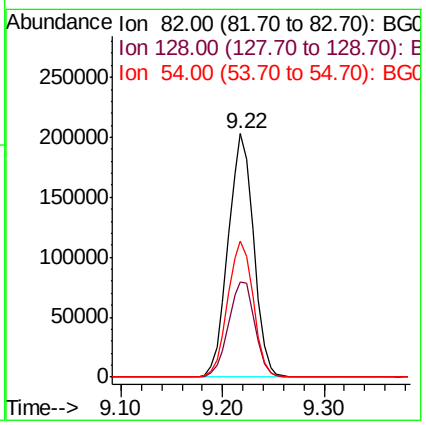


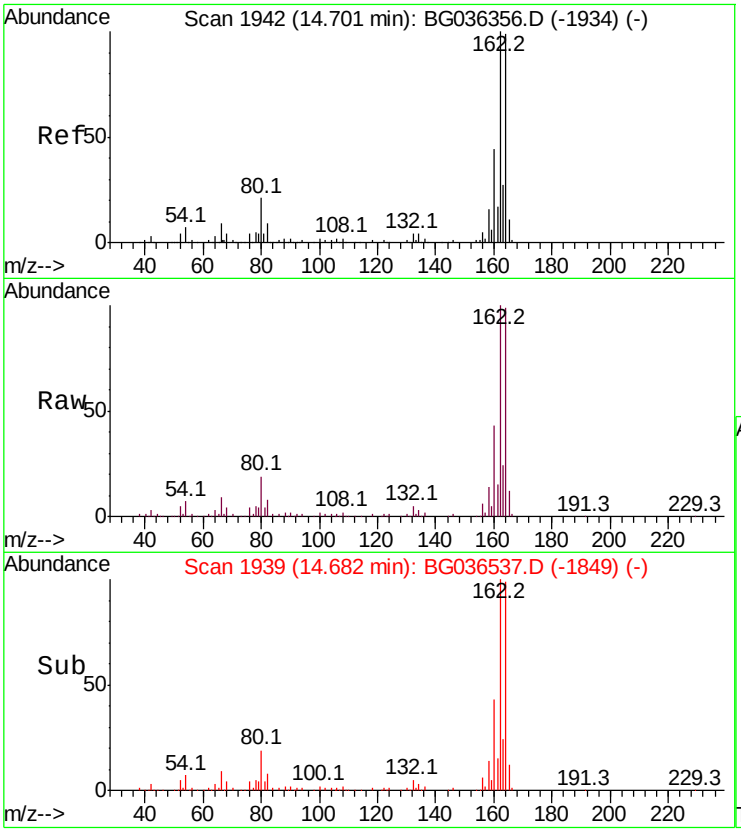


#23
Nitrobenzene-d5
Concen: 76.873 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Tgt Ion: 82 Resp: 352508

Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.3	49.9
54	56.0	45.1	67.7



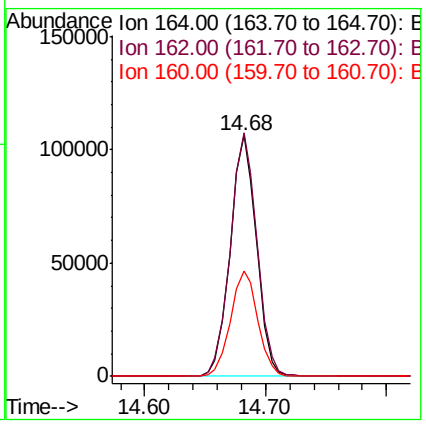


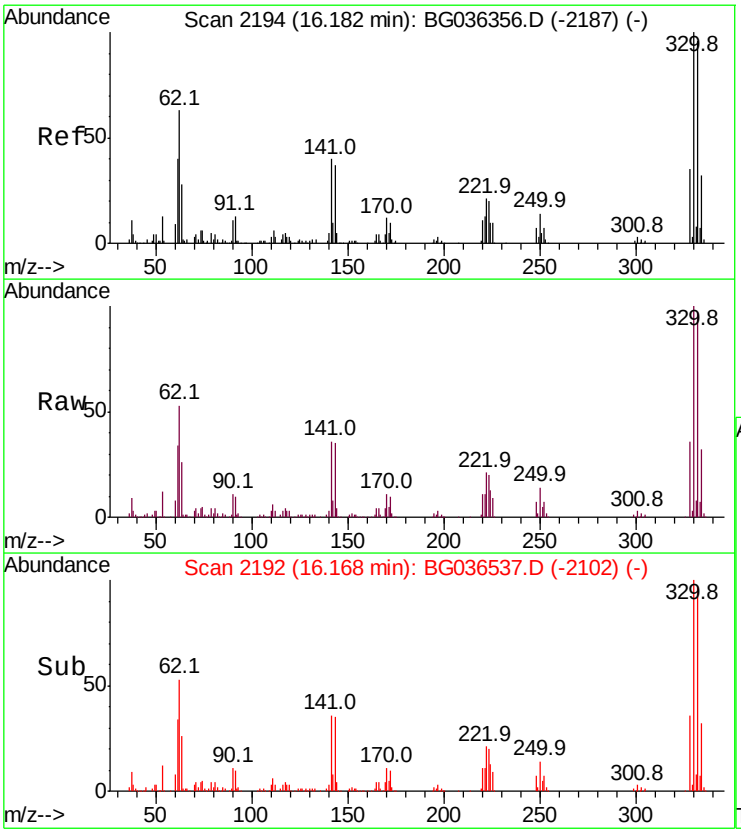
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 160566

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.7	121.1
160	43.8	35.3	52.9

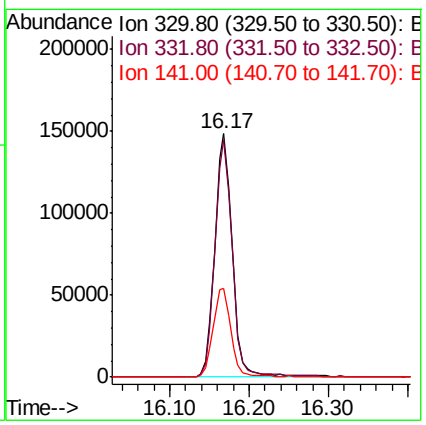


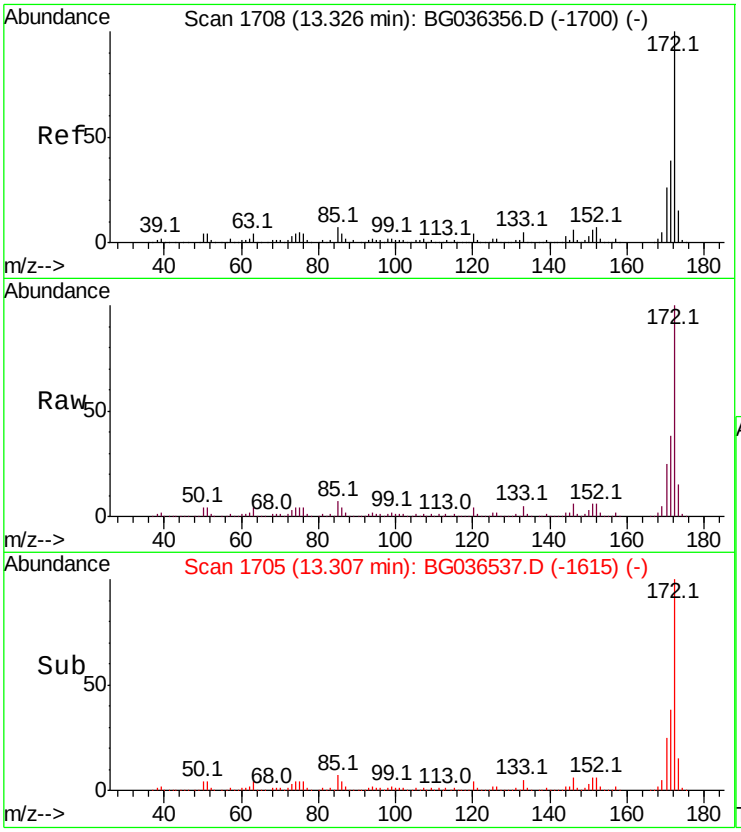


#41
2,4,6-Tribromophenol
Concen: 119.109 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Tgt Ion:330 Resp: 228203

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	36.9	30.7	46.1



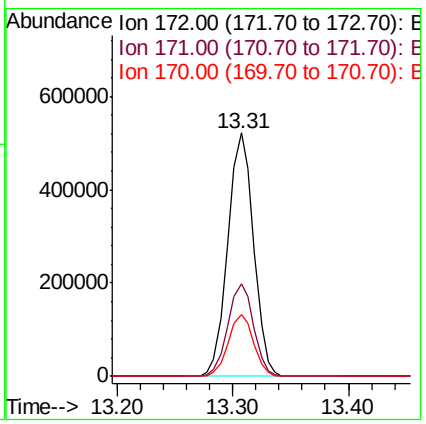


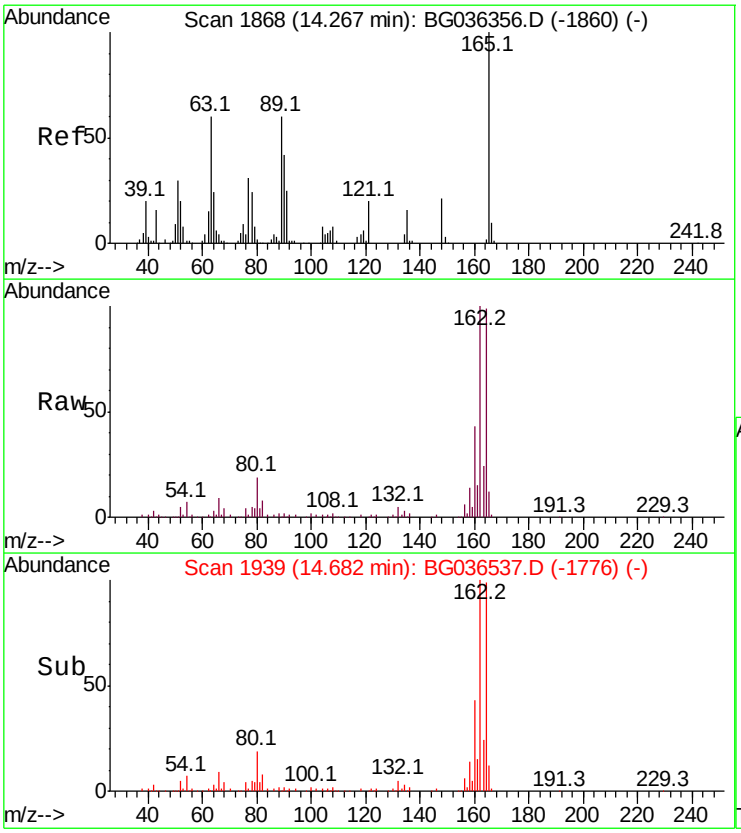
#44
2-Fluorobiphenyl
Concen: 71.609 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 805278

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.2	21.0	31.6

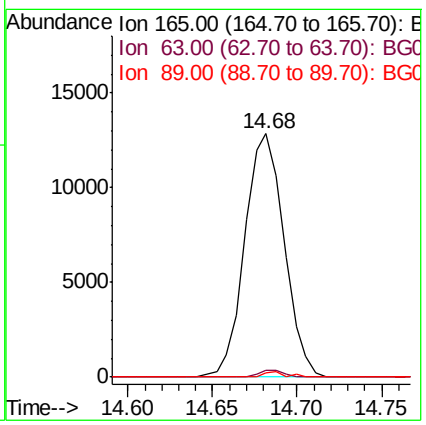


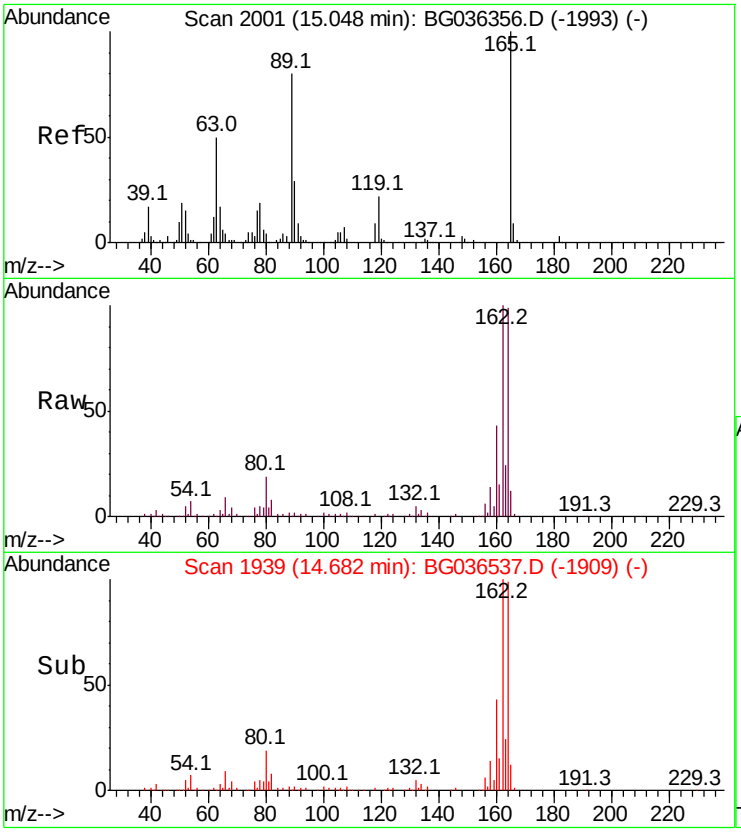


#50
2,6-Dinitrotoluene
Concen: 7.719 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.43 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Tgt Ion:165 Resp: 20825

Ion	Ratio	Lower	Upper
165	100		
63	2.6	50.1	75.1#
89	1.9	47.8	71.6#



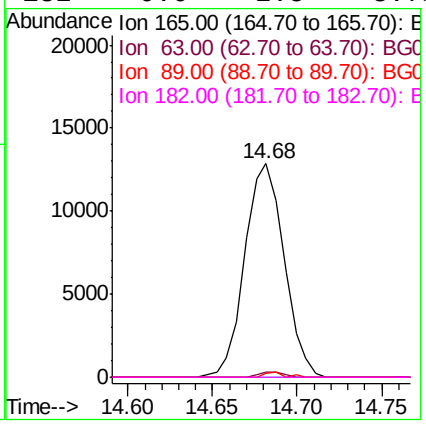


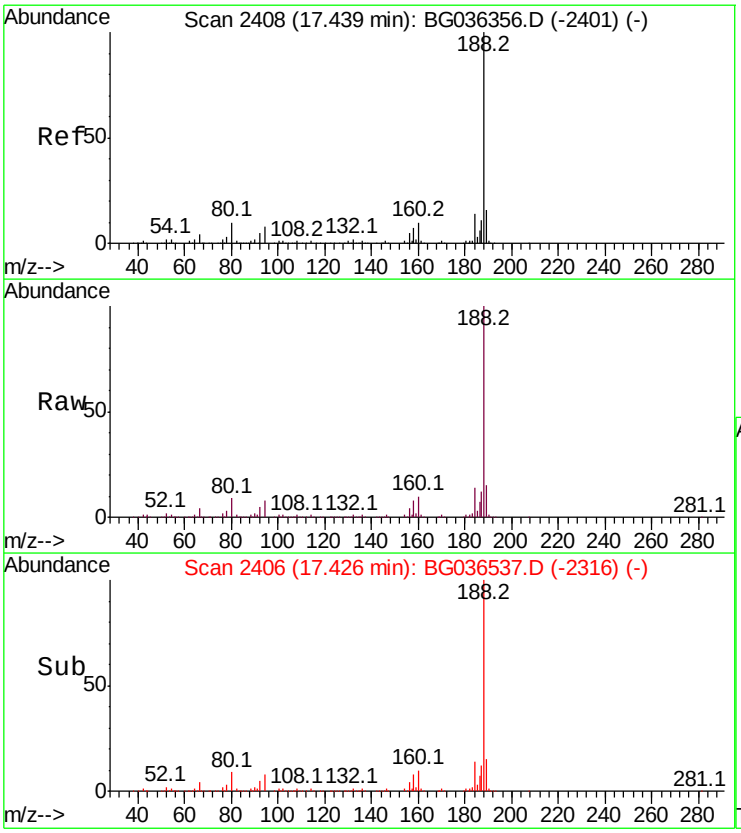
#56
2,4-Dinitrotoluene
Concen: 5.923 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20825

Ion	Ratio	Lower	Upper
165	100		
63	2.6	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#

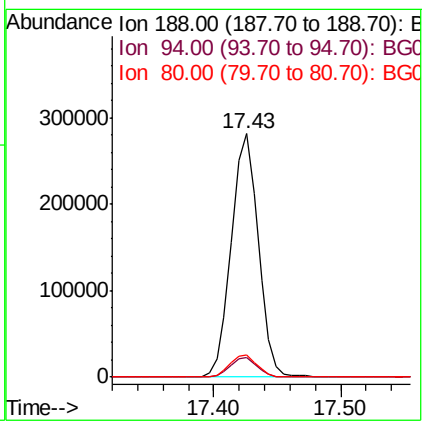


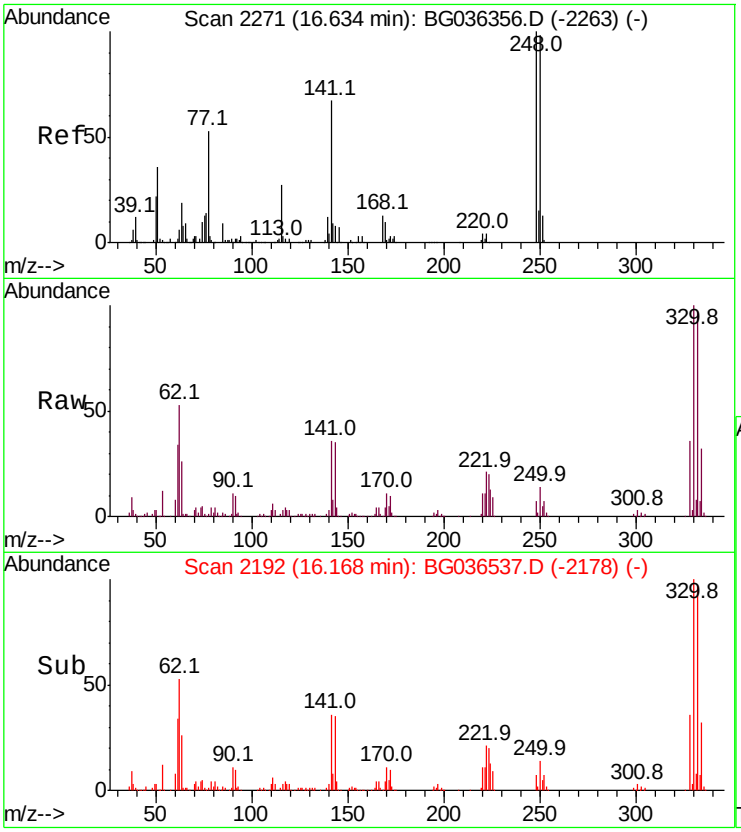


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Tgt Ion:188 Resp: 414865

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.0	8.1	12.1



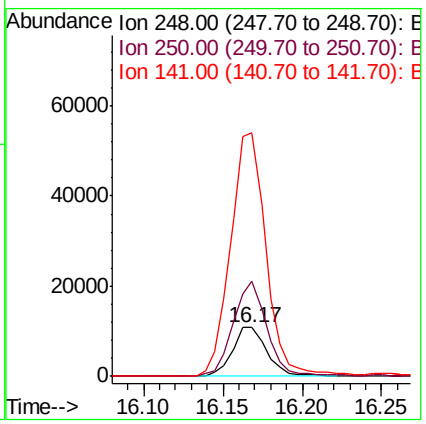


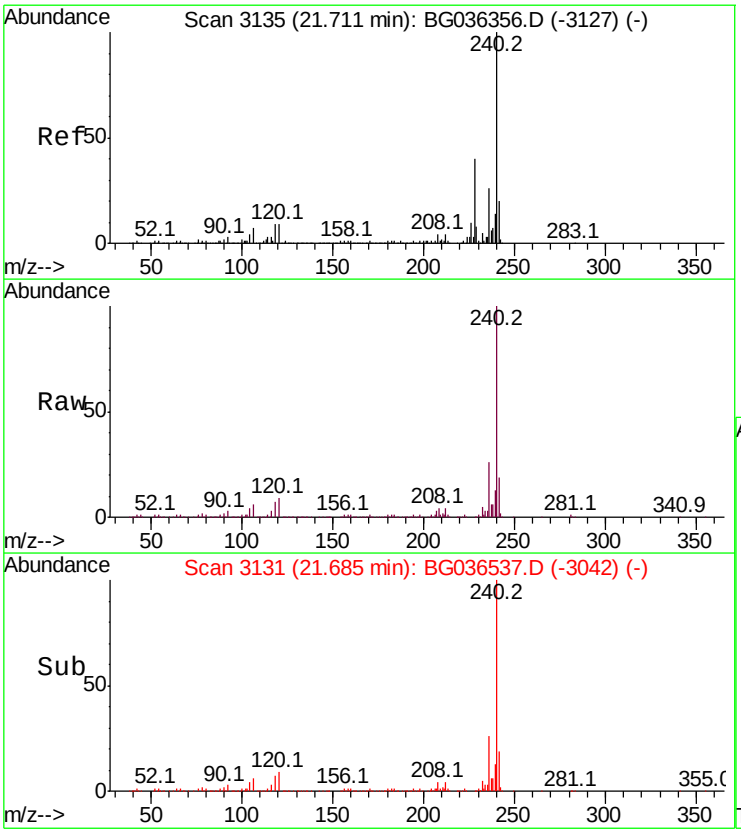
#66
4-Bromophenyl-phenylether
Concen: 3.376 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16398

Ion	Ratio	Lower	Upper
248	100		
250	196.1	78.1	117.1#
141	501.5	53.7	80.5#

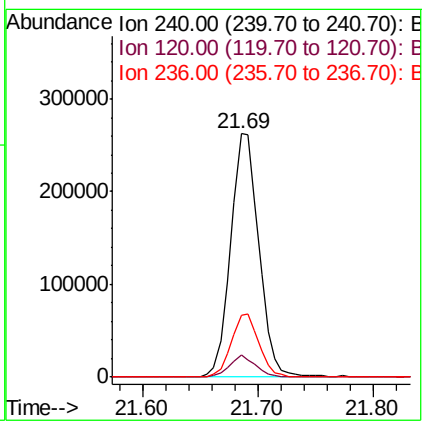


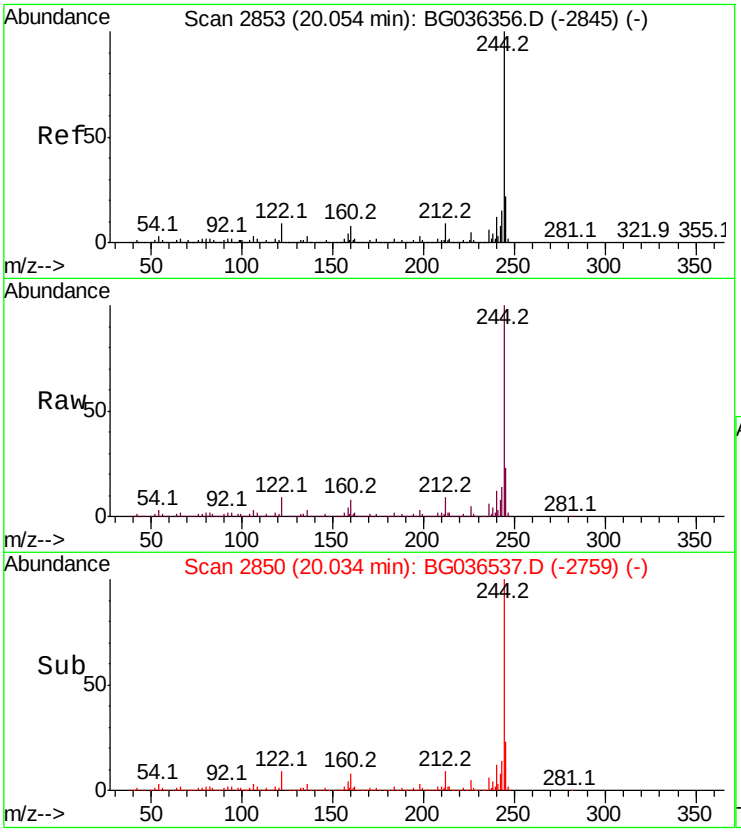


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Tgt Ion:240 Resp: 445041

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.9	10.3
236	25.6	21.2	31.8



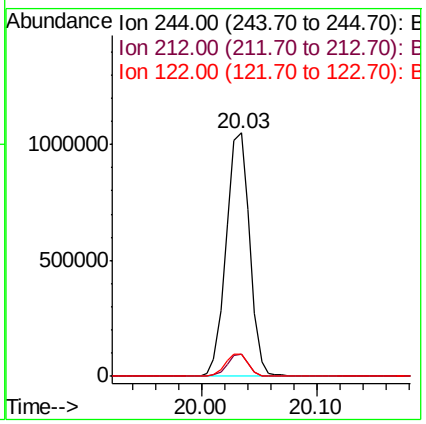


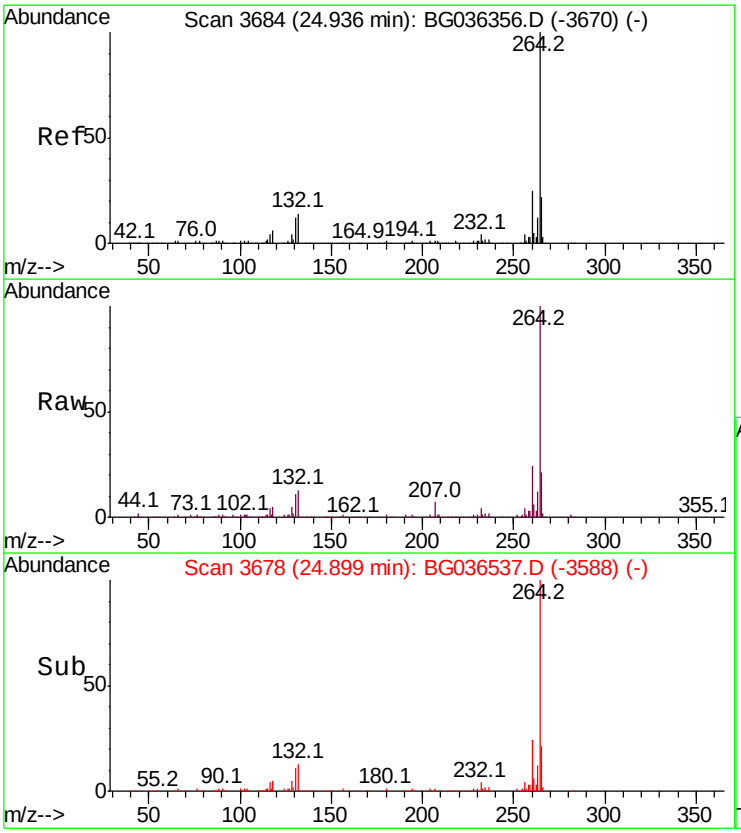
#78
Terphenyl-d14
Concen: 77.468 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1475024

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	8.9	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036537.D
Acq: 4 Sep 2018 18:27

Tgt Ion:264 Resp: 435461

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.7	17.4	26.0