Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036514.D
Acq On : 31 Aug 2018 20:26
Operator : JU/SJ
Sample : PB112535BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 01 01:03:15 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	55561	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	226410	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	155385	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	420722	20.00	ng	0.00
75) Chrysene-d12	21.69	240	456462	20.00	ng	0.00
86) Perylene-d12	24.90	264	406429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	356061	101.66	ng	0.00
7) Phenol-d6	7.21	99	501843	100.07	ng	0.00
23) Nitrobenzene-d5	9.22	82	297739	71.35	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	202128	109.02	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	734995	67.54	ng	0.00
78) Terphenyl-d14	20.03	244	1352756	69.27	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	37956	10.127	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	20755	7.949	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	20755	6.100	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	14602	2.964	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036514.D
Acq On : 31 Aug 2018 20:26
Operator : JU/SJ
Sample : PB112535BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 01 01:03:15 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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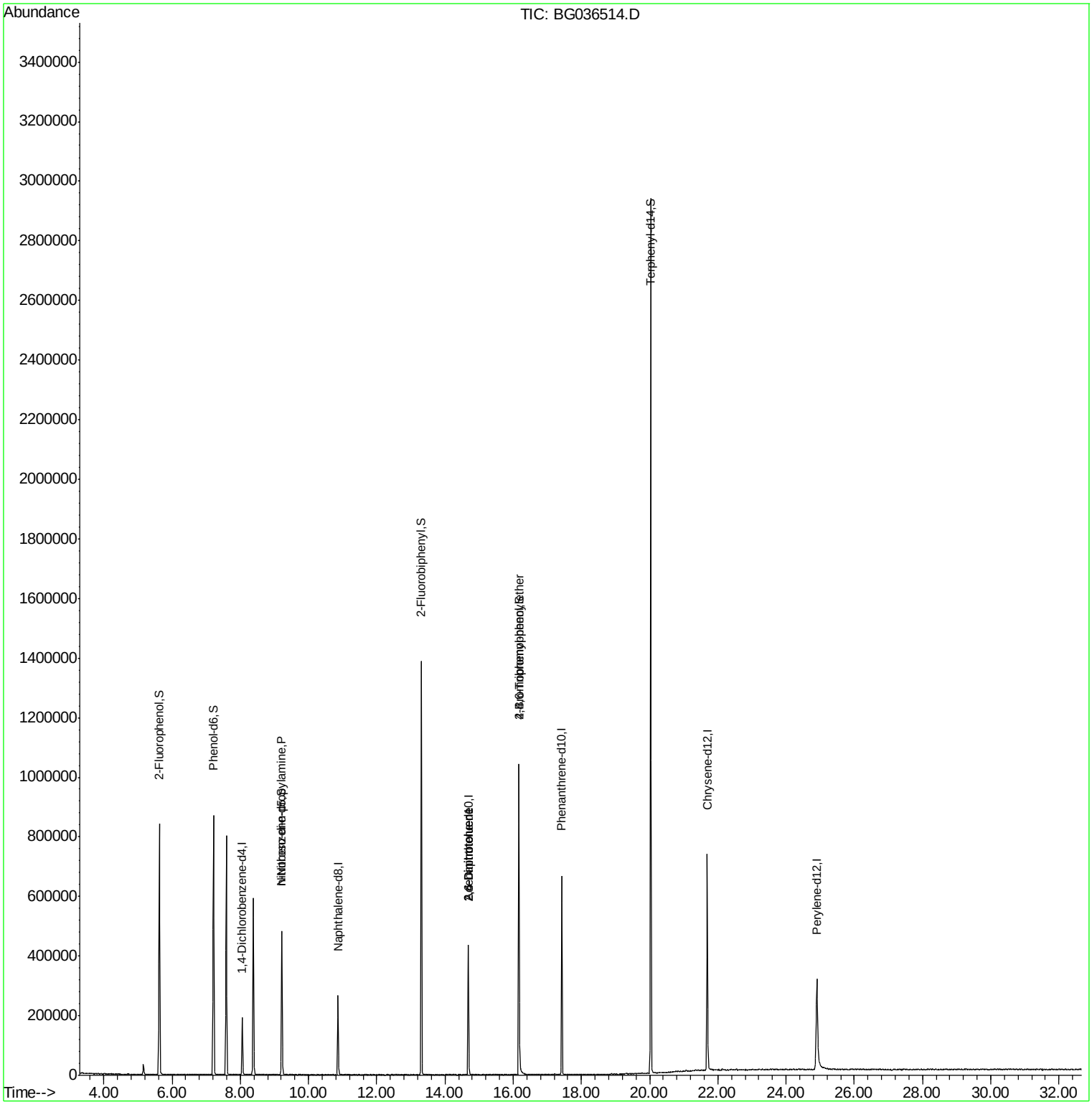
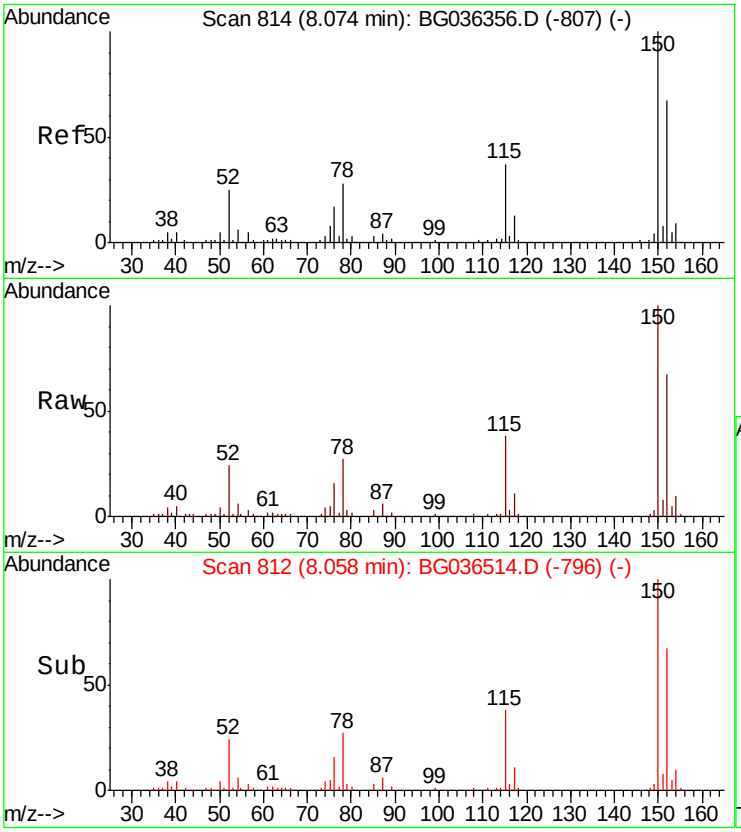


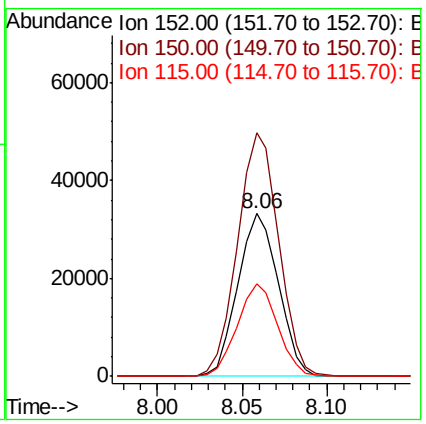


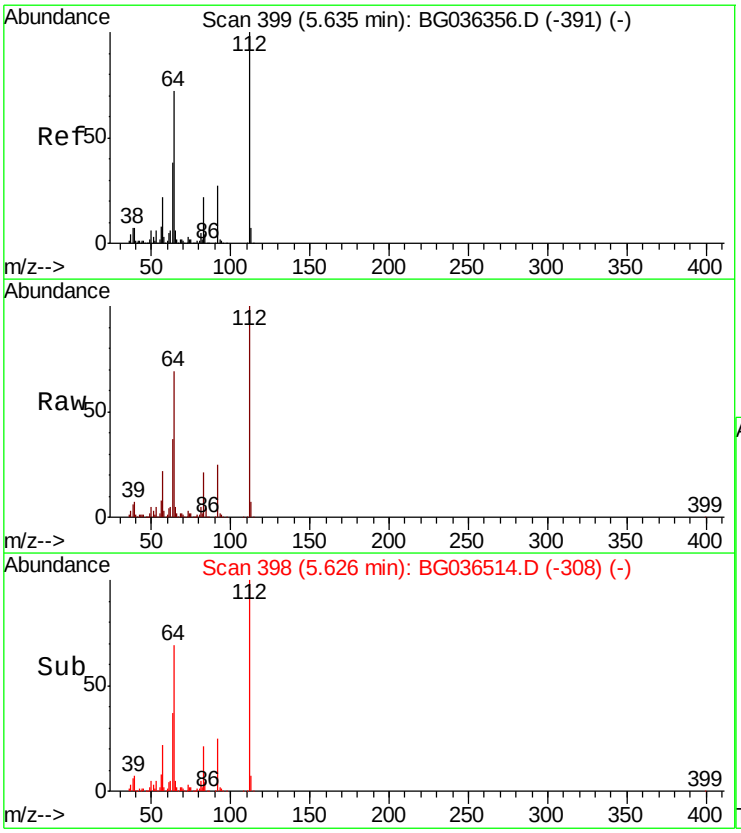
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 55561

Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	56.7	44.5	66.7

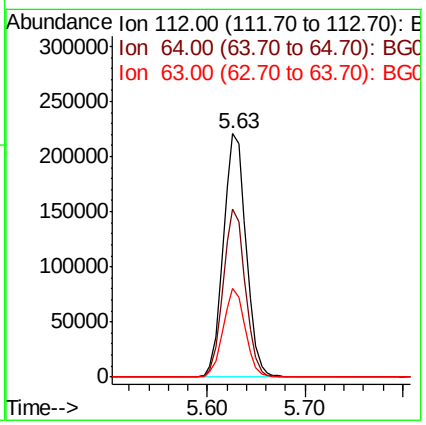


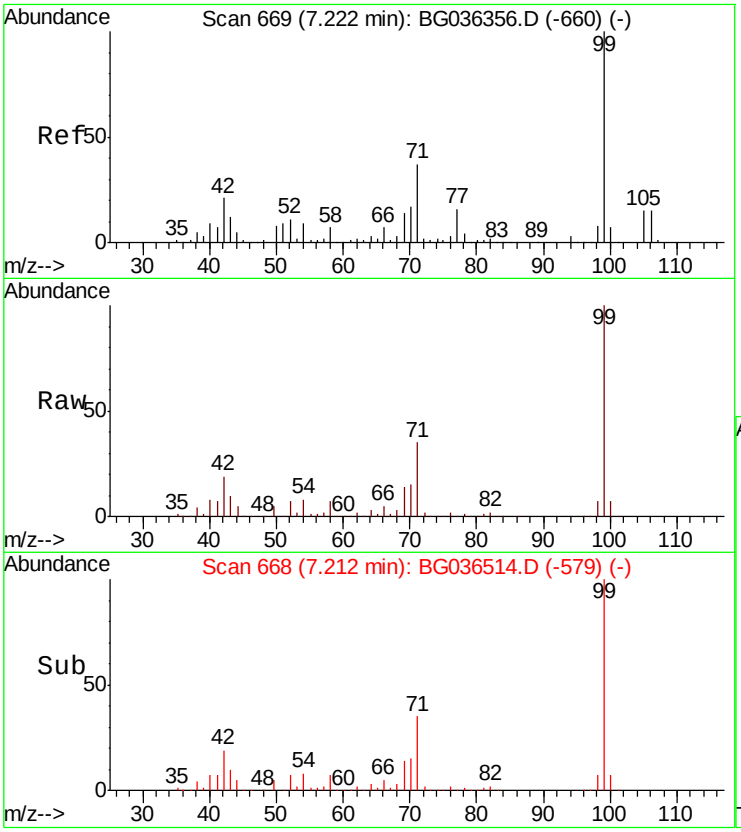


#5
2-Fluorophenol
Concen: 101.657 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Tgt Ion:112 Resp: 356061

Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.2	85.8
63	36.6	30.8	46.2



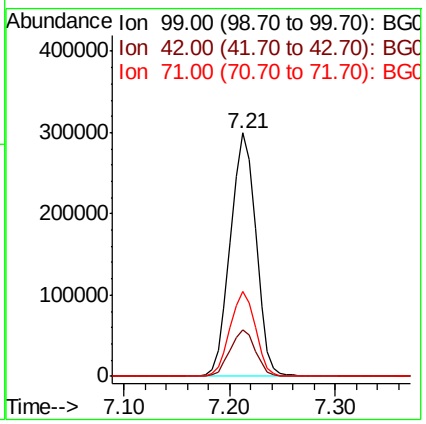


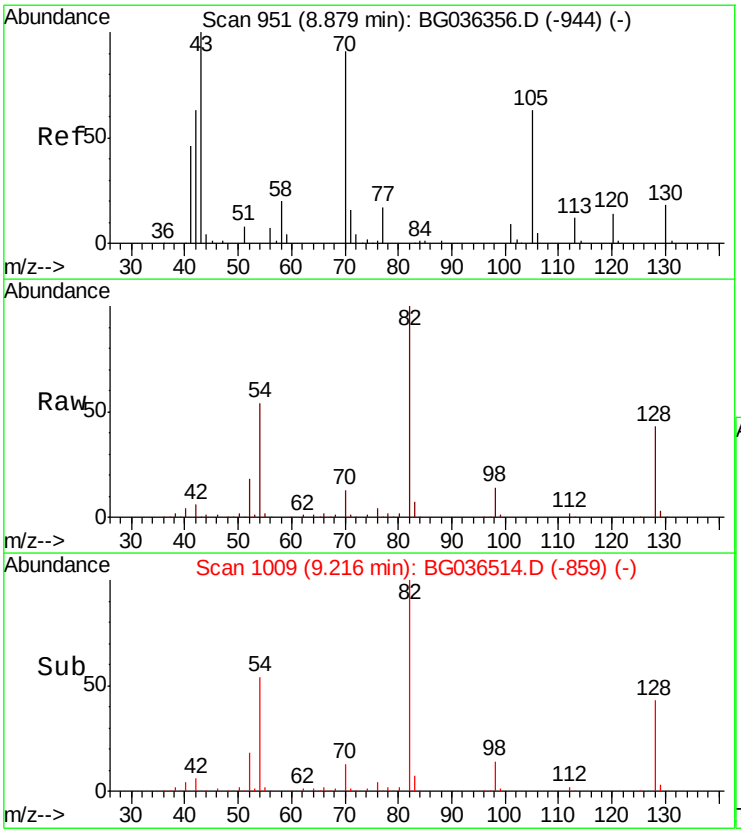
#7
Phenol-d6
Concen: 100.072 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 501843

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.5	24.7
71	35.1	29.4	44.2

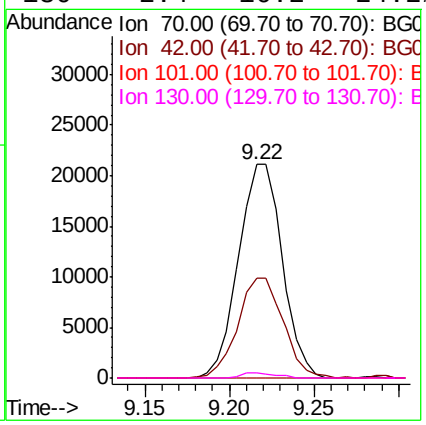


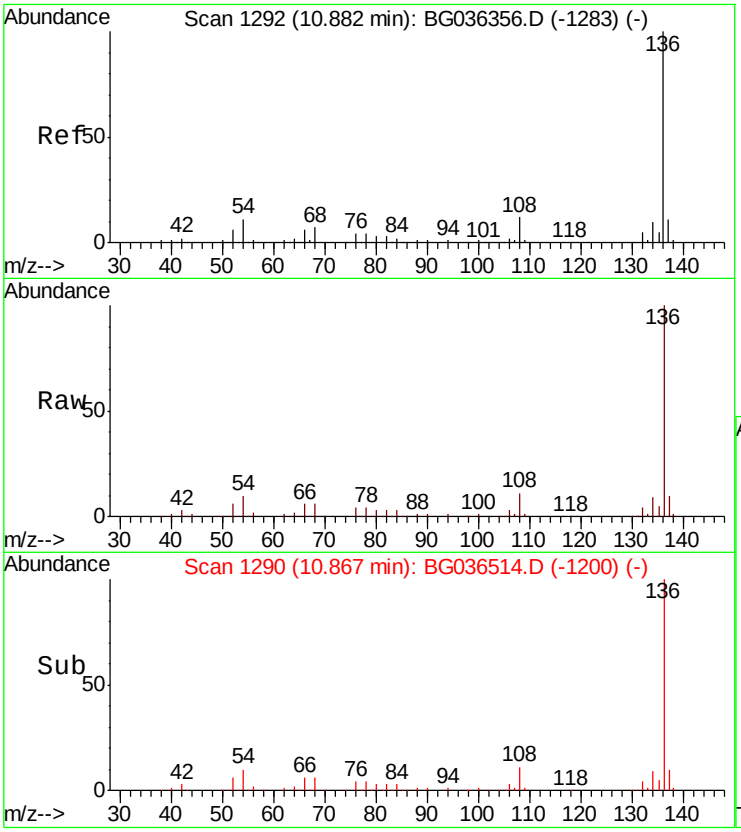


#19
n-Nitroso-di-n-propylamine
Concen: 10.127 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Tgt Ion: 70 Resp: 37956

Ion	Ratio	Lower	Upper
70	100		
42	46.9	56.2	84.4#
101	0.0	7.8	11.6#
130	2.4	16.2	24.2#



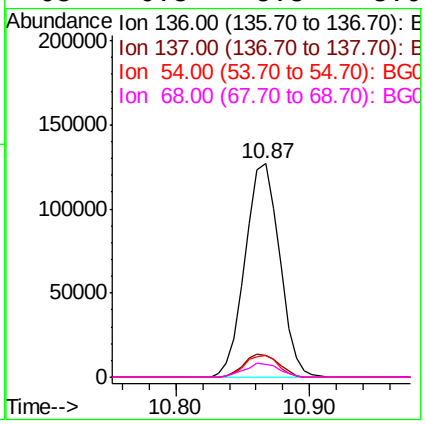


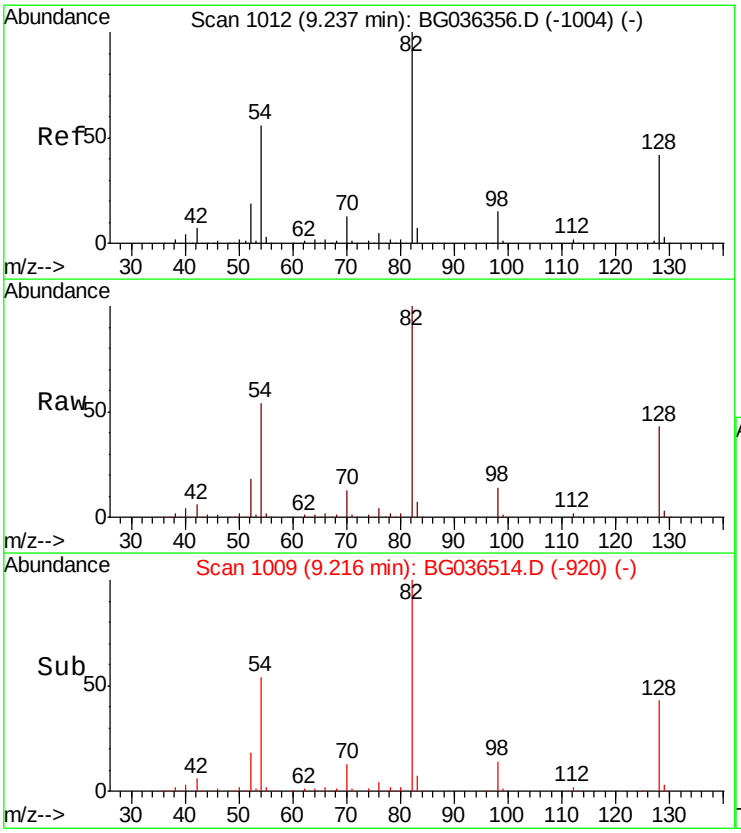
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 226410

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.1	9.2	13.8
68	6.3	5.8	8.6

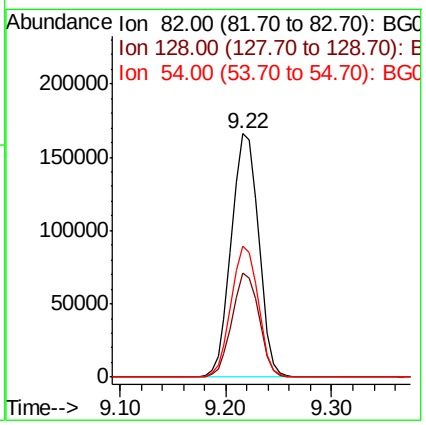


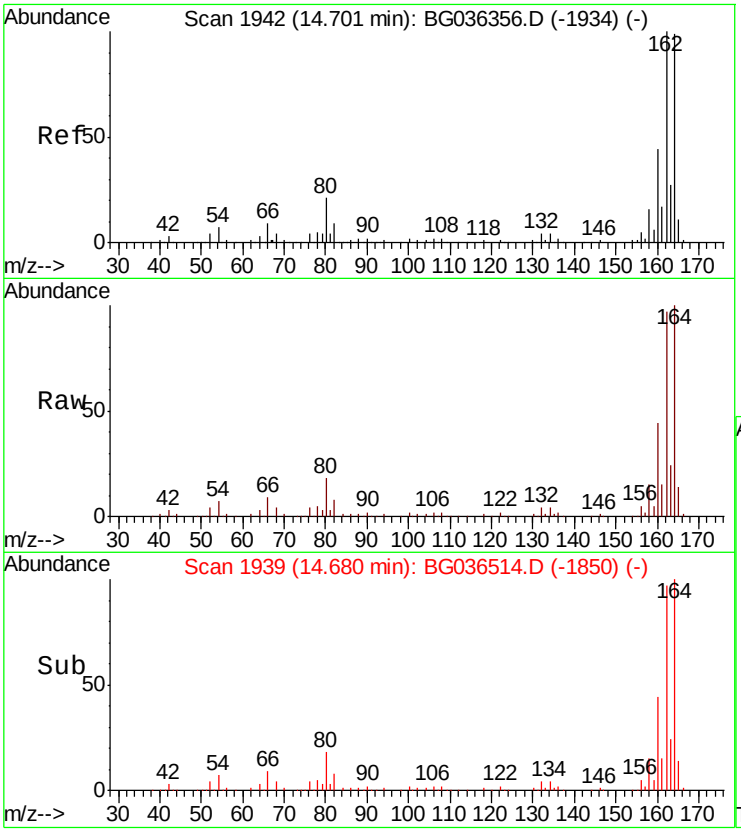


#23
Nitrobenzene-d5
Concen: 71.350 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Tgt Ion: 82 Resp: 297739

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.3	49.9
54	53.8	45.1	67.7



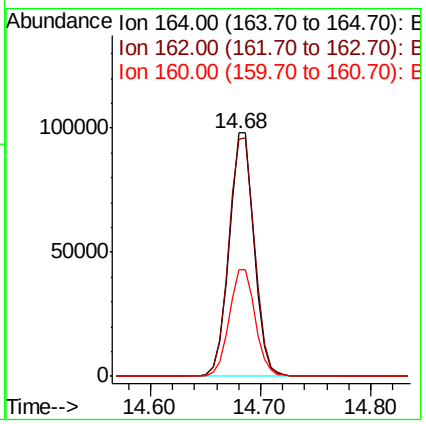


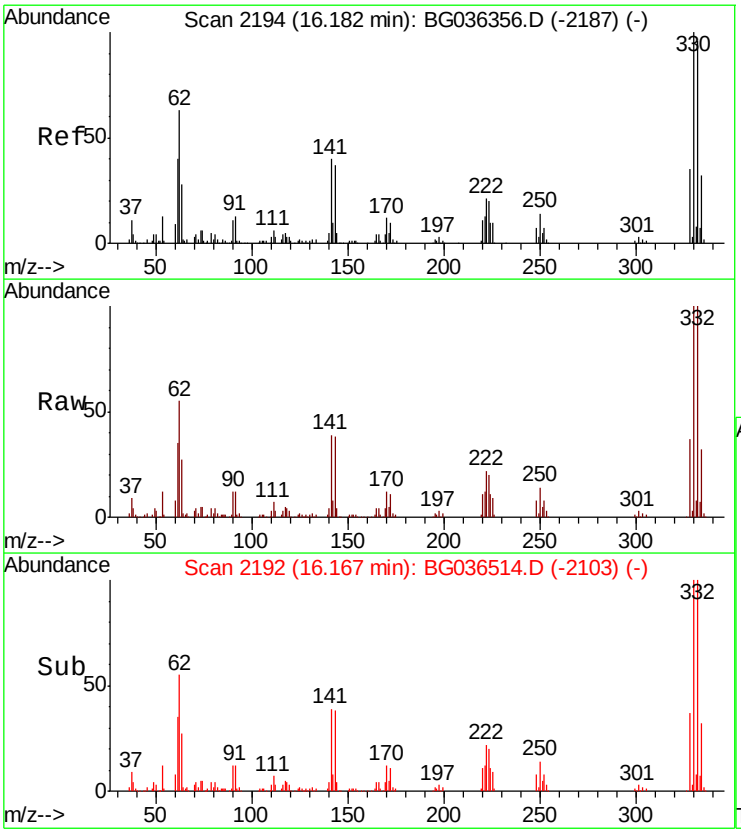
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 155385

Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.7	121.1
160	43.9	35.3	52.9

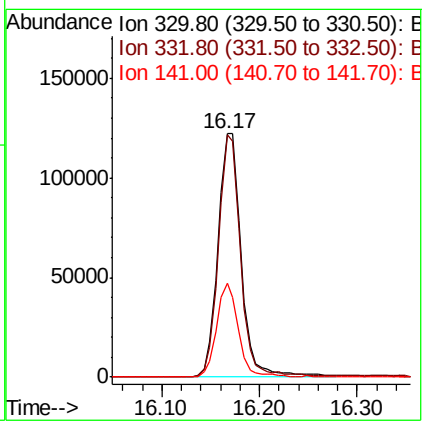


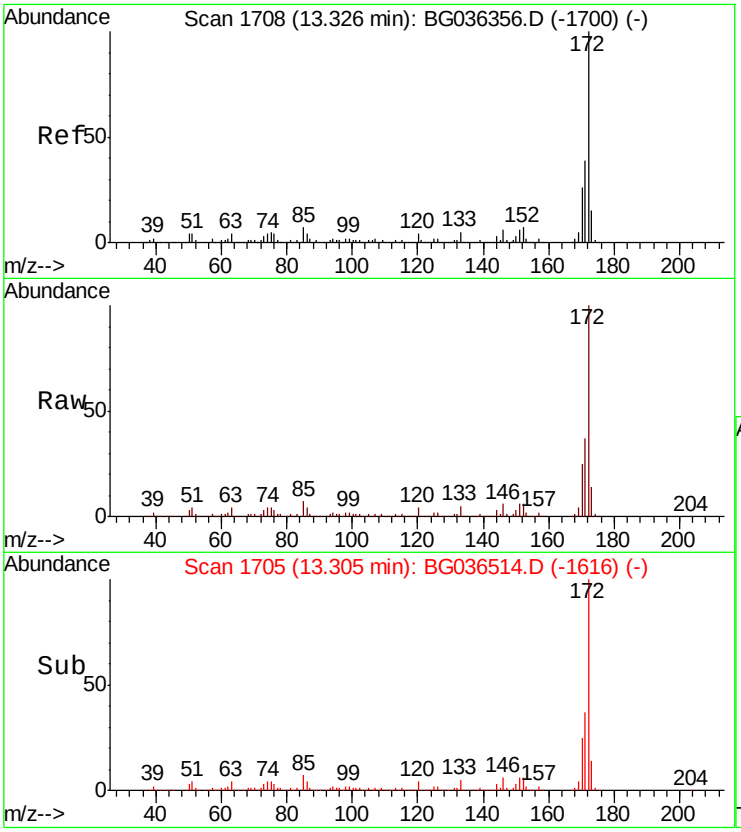


#41
2,4,6-Tribromophenol
Concen: 109.017 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Tgt Ion:330 Resp: 202128

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	35.8	30.7	46.1



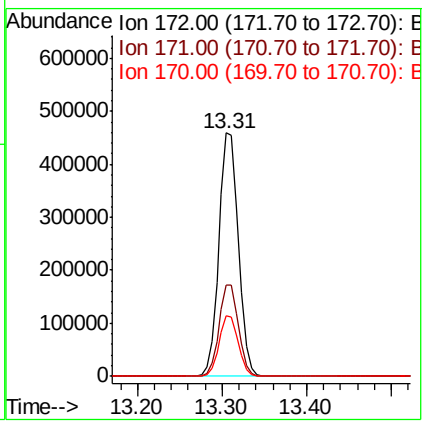


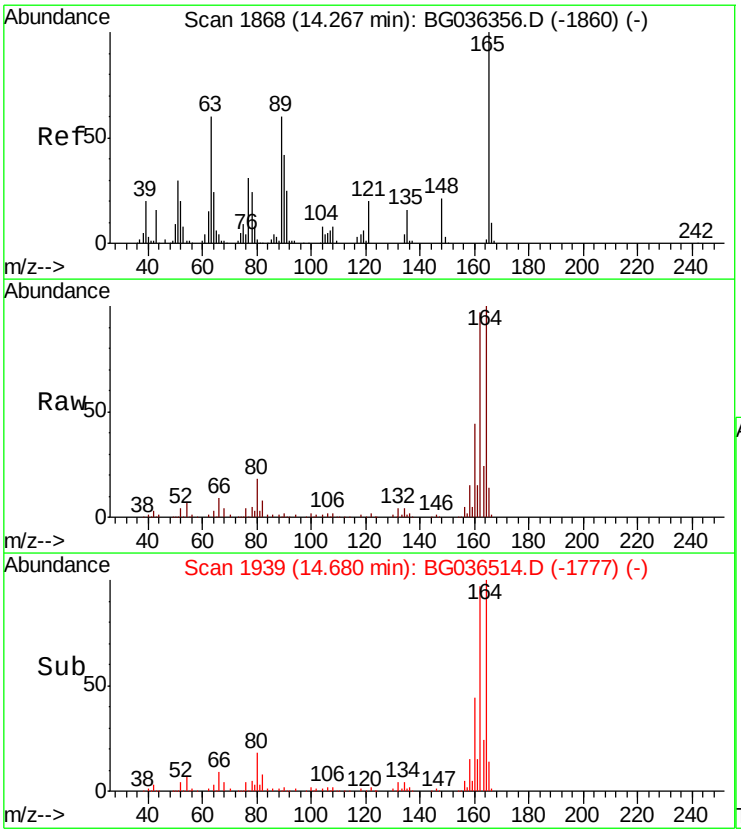
#44
2-Fluorobiphenyl
Concen: 67.538 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 734995

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	24.9	21.0	31.6

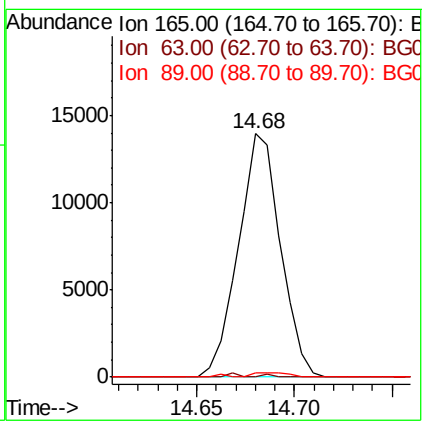


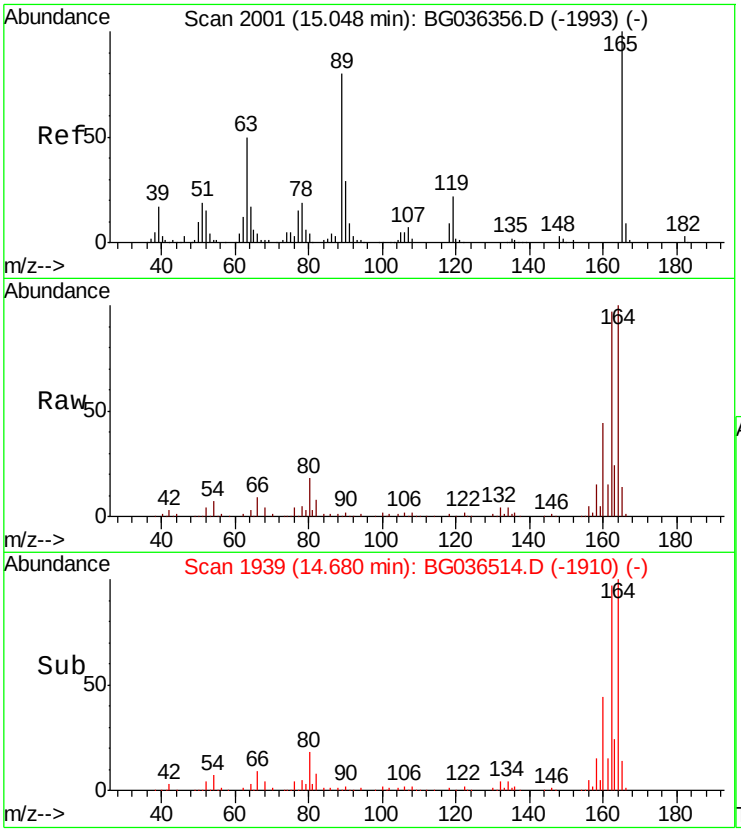


#50
2,6-Dinitrotoluene
Concen: 7.949 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Tgt Ion:165 Resp: 20755

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	1.6	47.8	71.6#



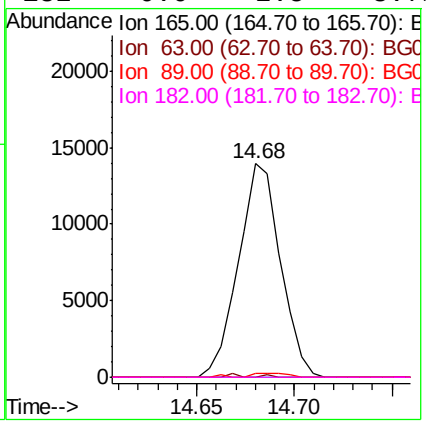


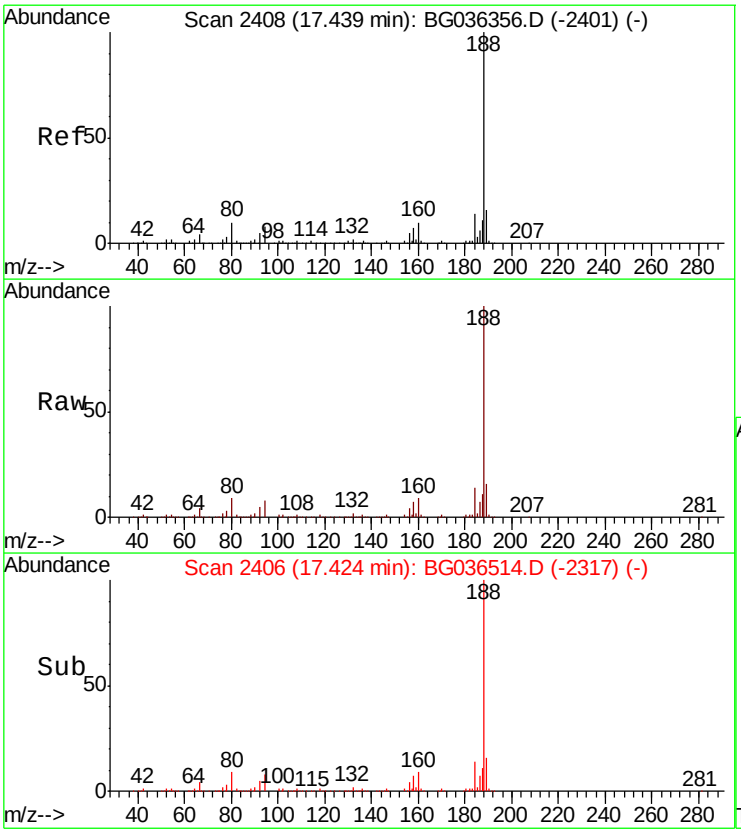
#56
2,4-Dinitrotoluene
Concen: 6.100 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20755

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.6	63.7	95.5#
182	0.0	2.5	3.7#

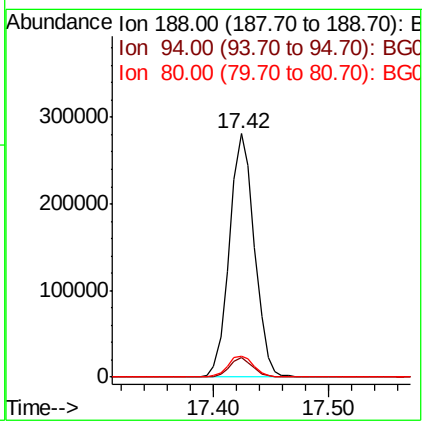


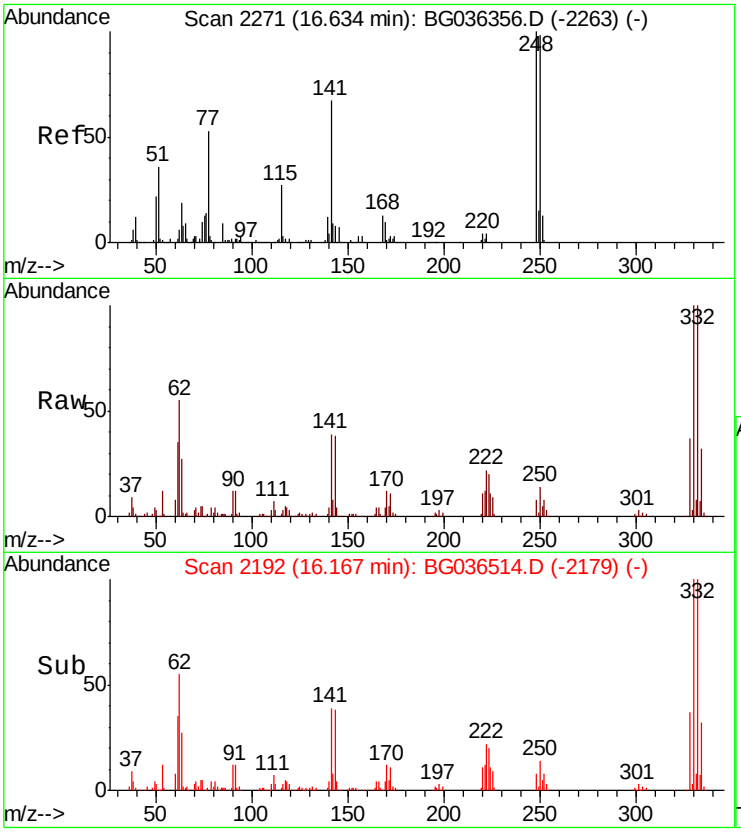


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Tgt Ion:188 Resp: 420722

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.6	8.1	12.1



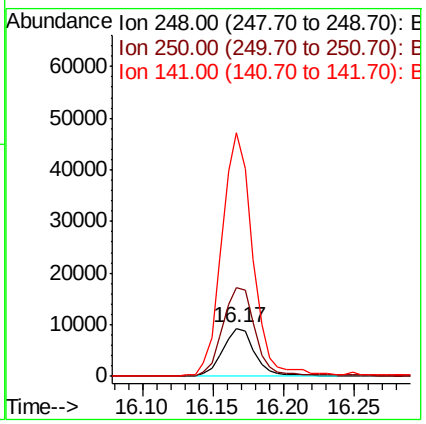


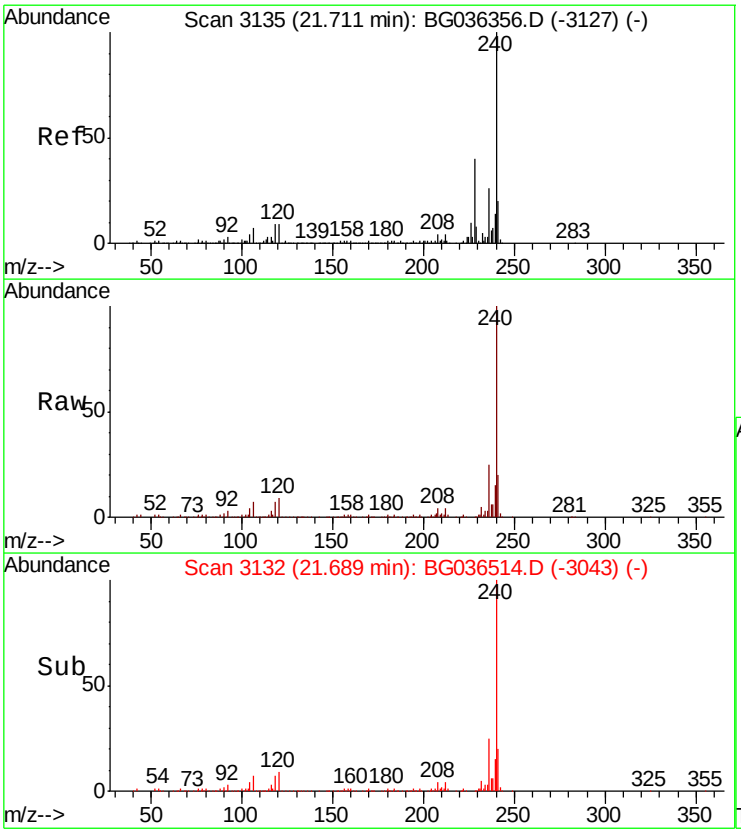
#66
4-Bromophenyl-phenylether
Concen: 2.964 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14602

Ion	Ratio	Lower	Upper
248	100		
250	184.9	78.1	117.1#
141	507.7	53.7	80.5#

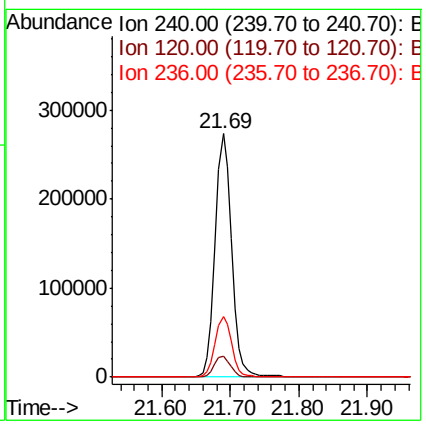


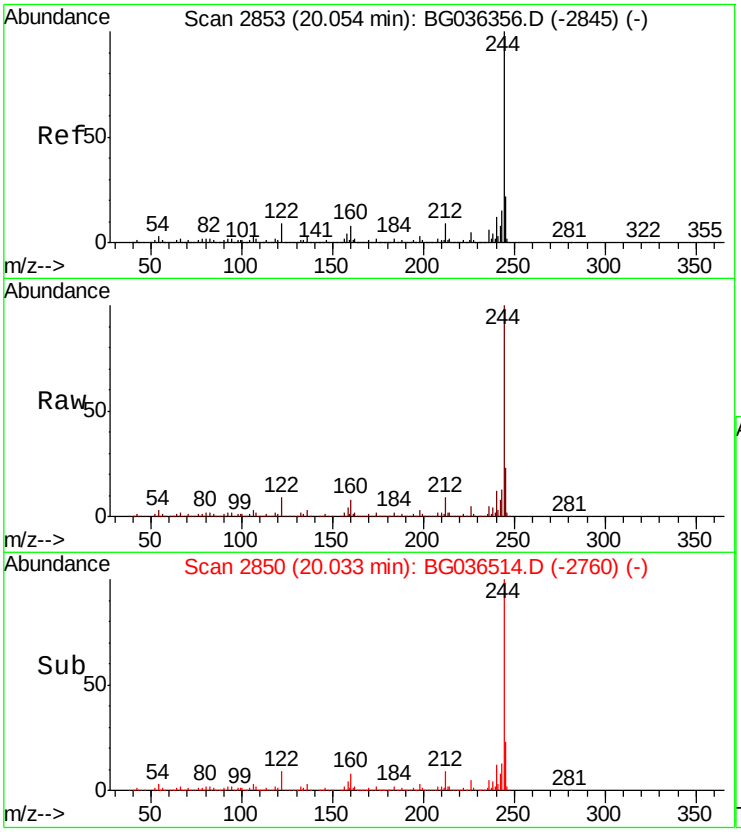


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Tgt Ion:240 Resp: 456462

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	24.9	21.2	31.8



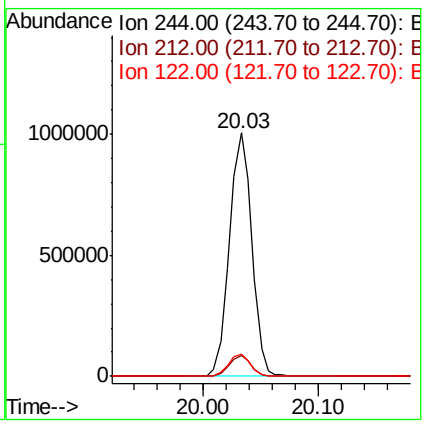


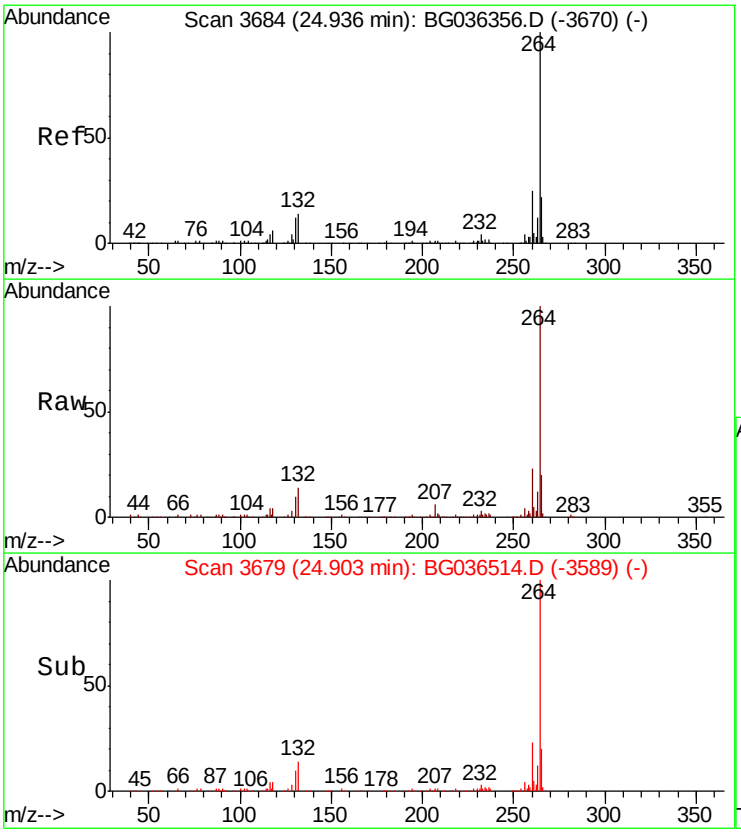
#78
Terphenyl-d14
Concen: 69.269 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1352756

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.2	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036514.D
Acq: 31 Aug 2018 20:26

Tgt Ion:264 Resp: 406429

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	20.1	17.4	26.0