Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036835.D
Acq On : 20 Sep 2018 1:11
Operator : JU/SJ
Sample : PB113024BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 20 07:08:36 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	8.05	152	51824	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	212181	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	141403	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	362293	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	369489	20.00	ng	-0.02
86) Perylene-d12	24.88	264	350084	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	386746	118.38	ng	0.00
7) Phenol-d6	7.21	99	542570	116.00	ng	-0.01
23) Nitrobenzene-d5	9.20	82	331129	84.67	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	179722	106.52	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	782612	79.02	ng	-0.02
78) Terphenyl-d14	20.02	244	1303760	82.47	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	44451	12.716	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	17982	7.568	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	17982	5.807	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	12334	2.908	ng	# 1

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

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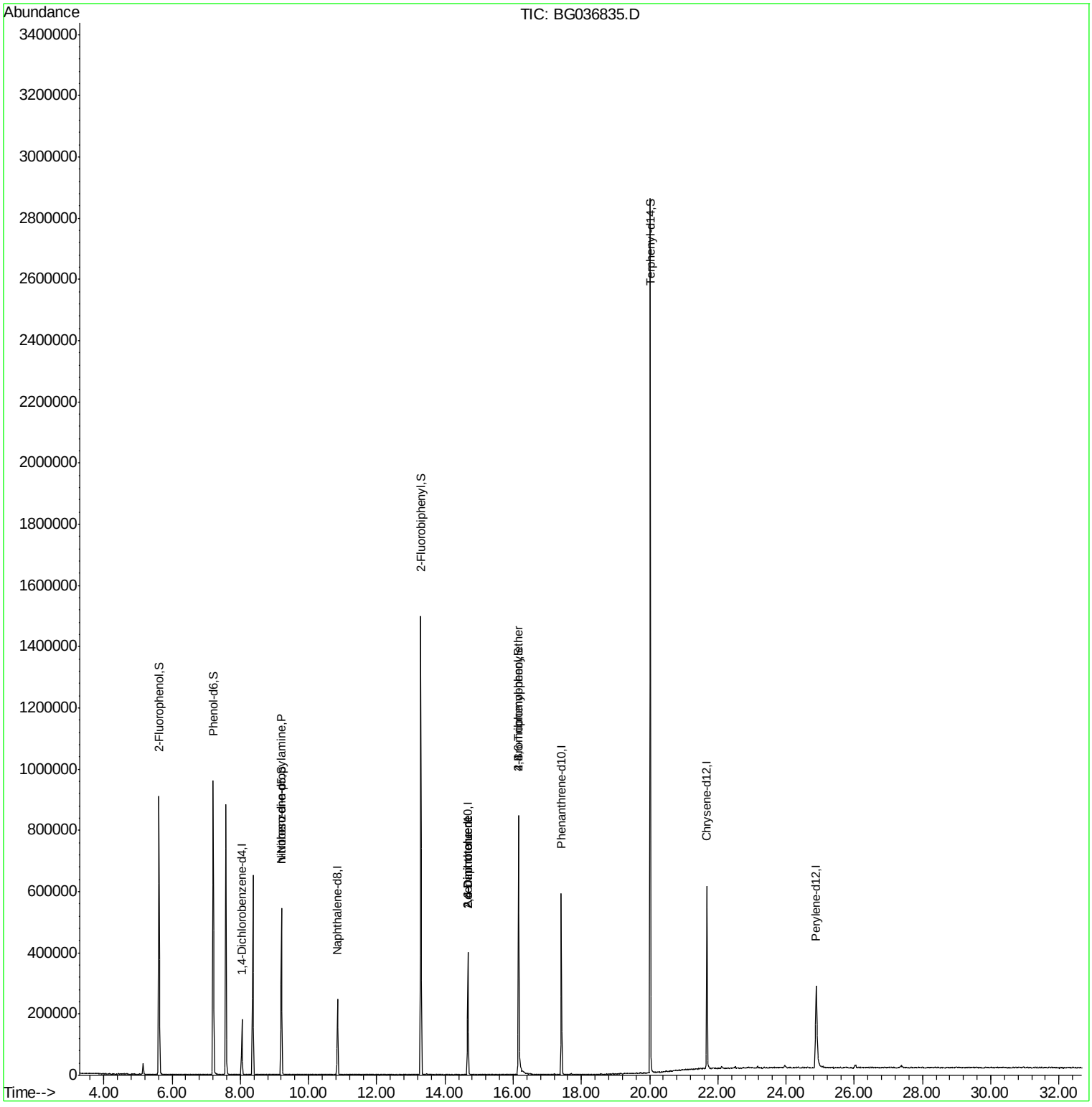
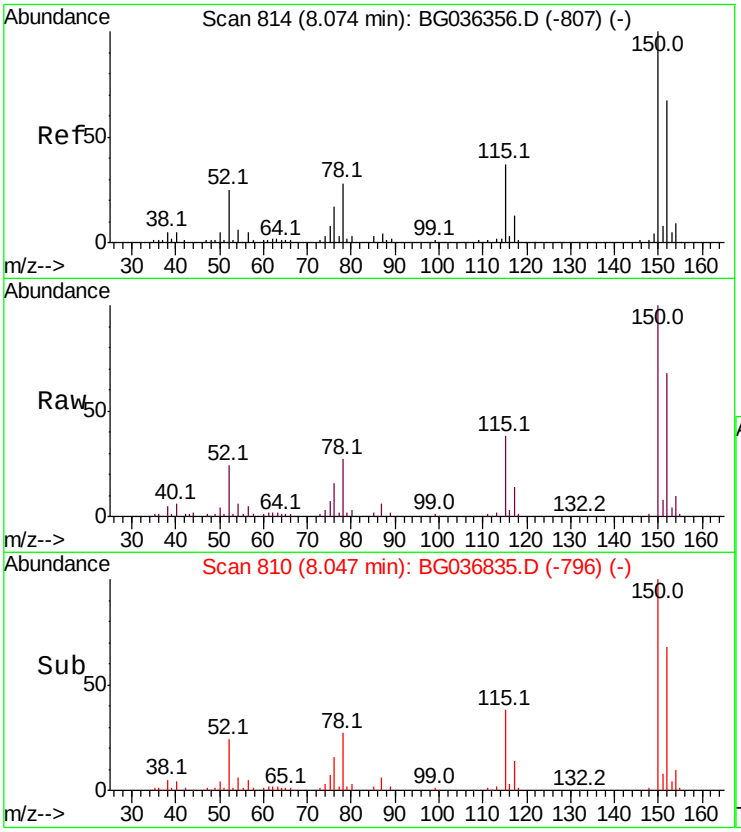


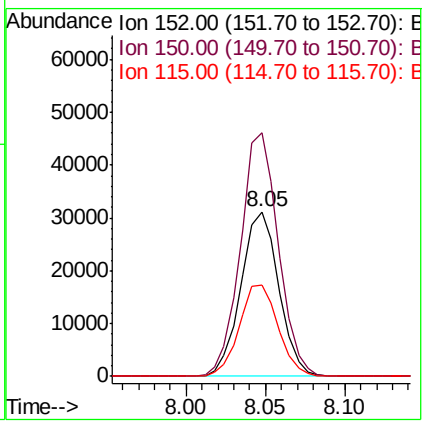


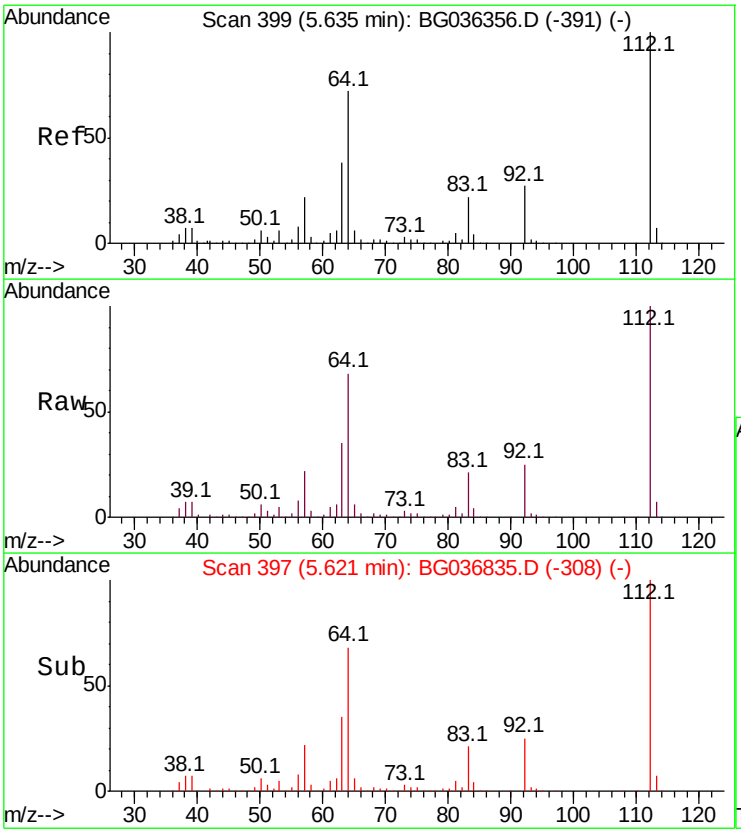
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51824

Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	55.6	44.5	66.7

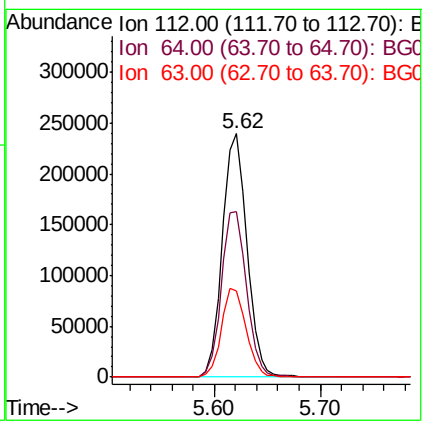


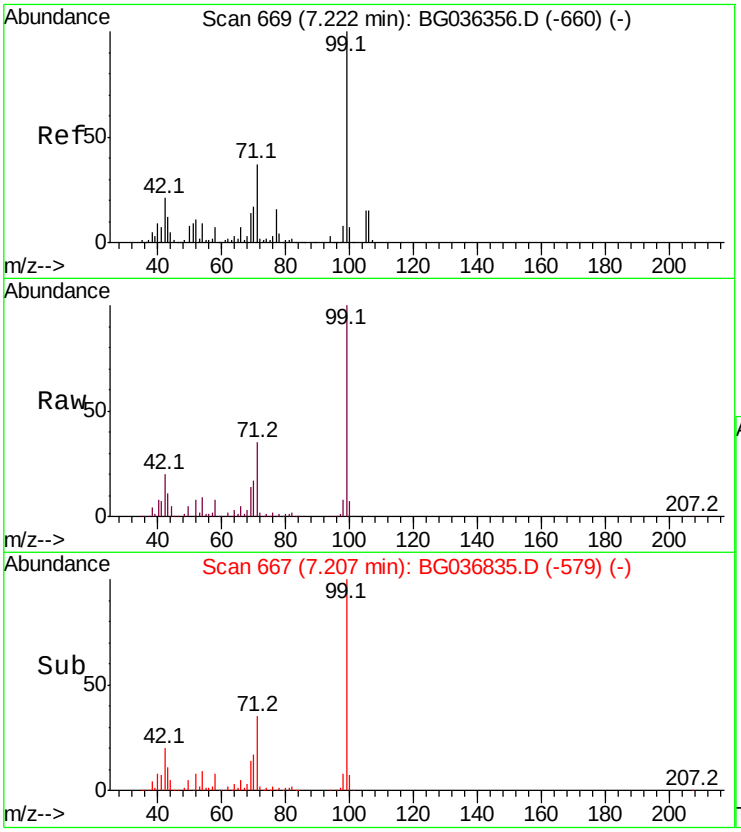


#5
2-Fluorophenol
Concen: 118.380 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Tgt Ion:112 Resp: 386746

Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.2	85.8
63	35.2	30.8	46.2



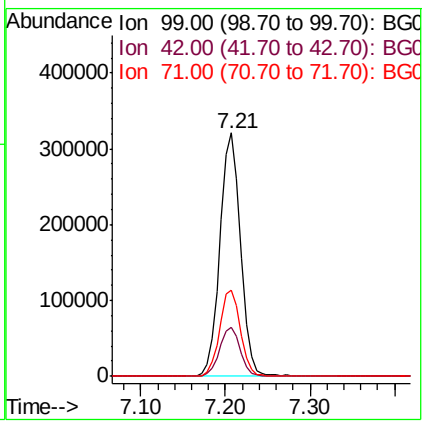


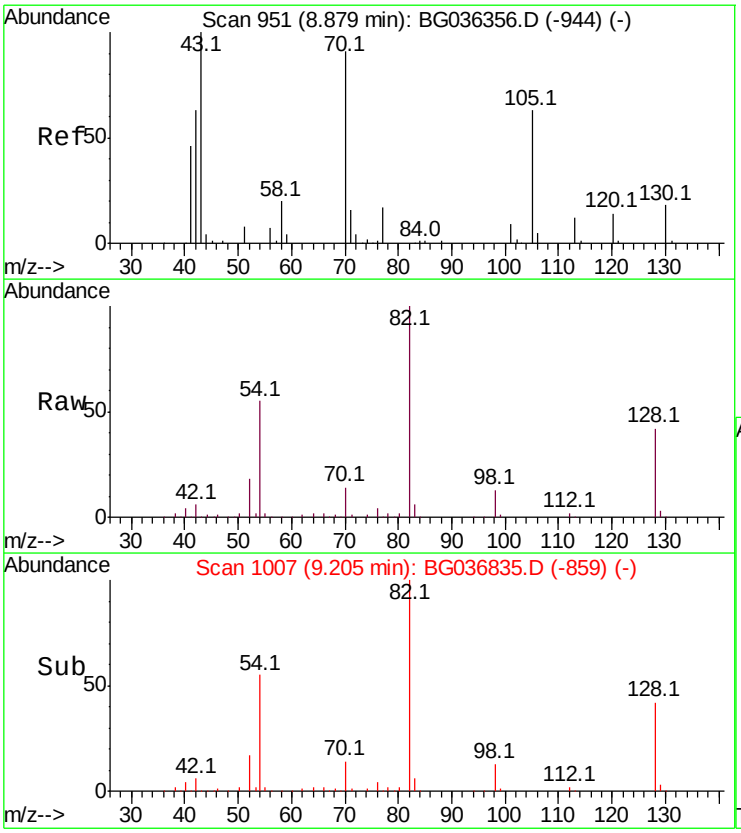
#7
Phenol-d6
Concen: 115.995 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 542570

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.5	24.7
71	35.3	29.4	44.2

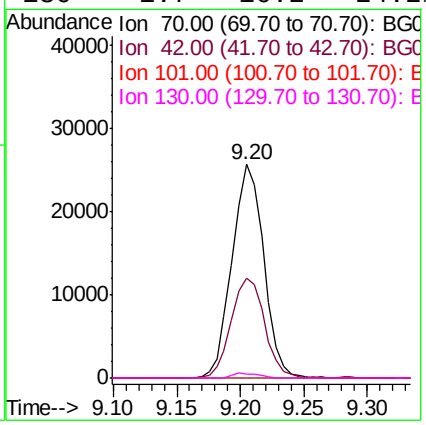


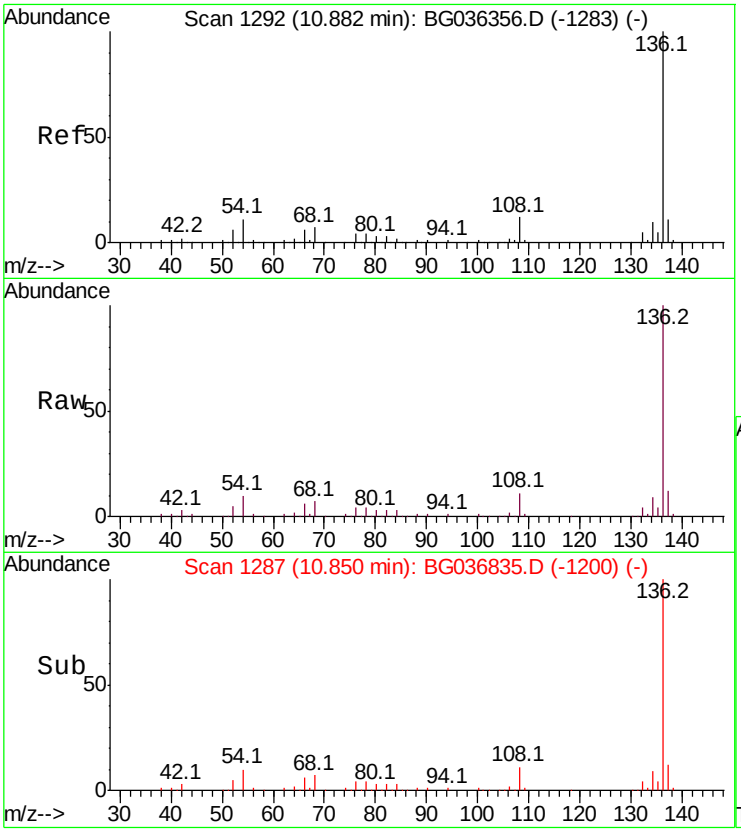


#19
n-Nitroso-di-n-propylamine
Concen: 12.716 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.34 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Tgt Ion: 70 Resp: 44451

Ion	Ratio	Lower	Upper
70	100		
42	46.7	56.2	84.4#
101	0.0	7.8	11.6#
130	1.7	16.2	24.2#



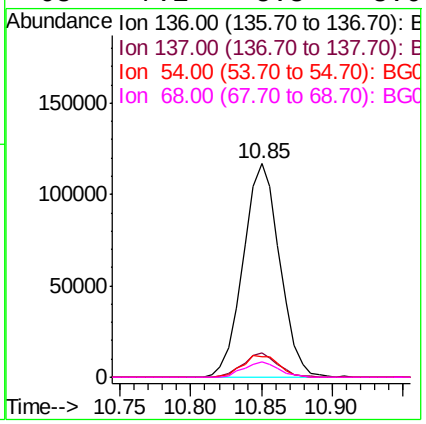


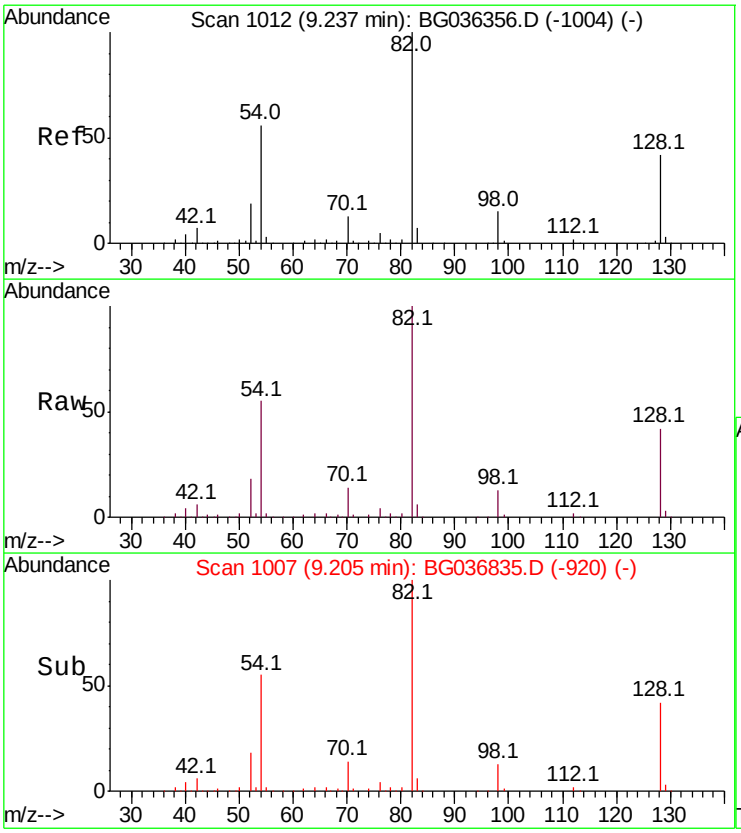
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 212181

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	9.6	9.2	13.8
68	7.1	5.8	8.6

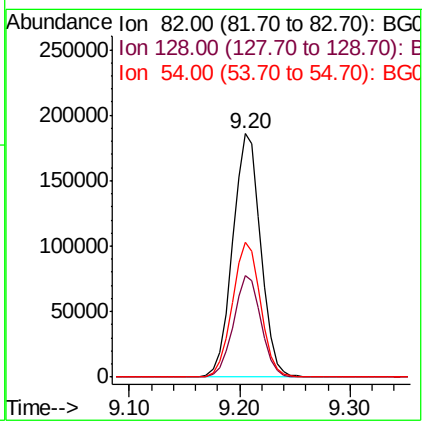


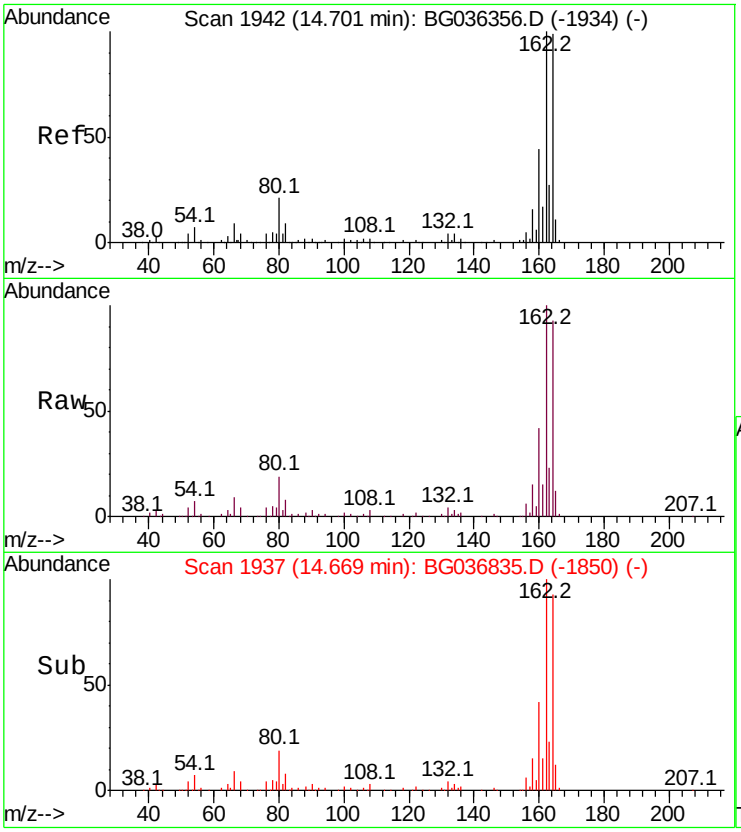


#23
Nitrobenzene-d5
Concen: 84.673 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Tgt Ion: 82 Resp: 331129

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	55.2	45.1	67.7



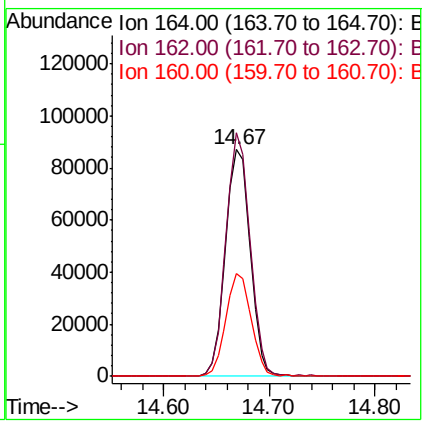


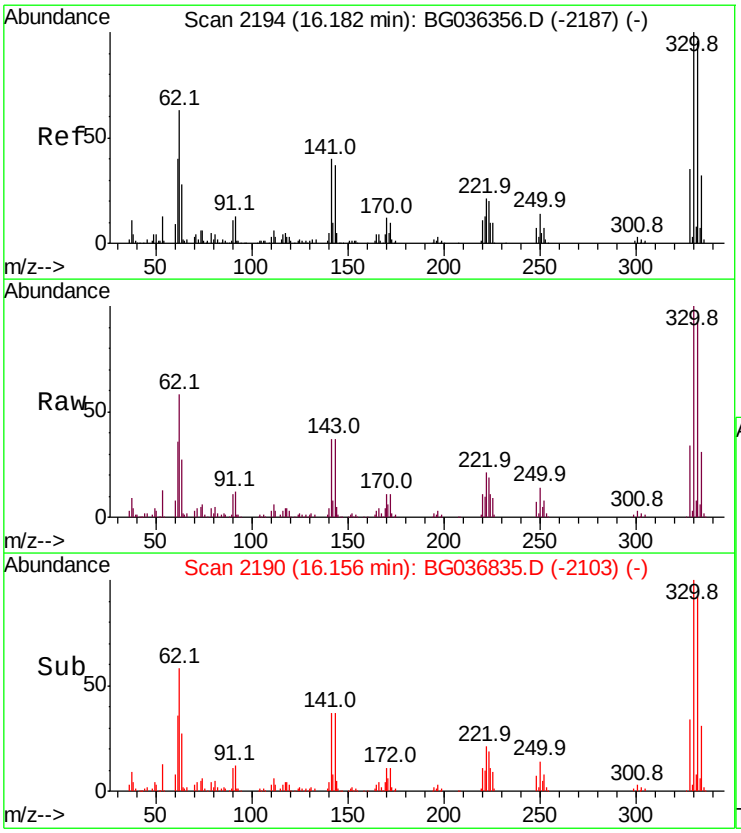
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 141403

Ion	Ratio	Lower	Upper
164	100		
162	107.4	80.7	121.1
160	45.2	35.3	52.9

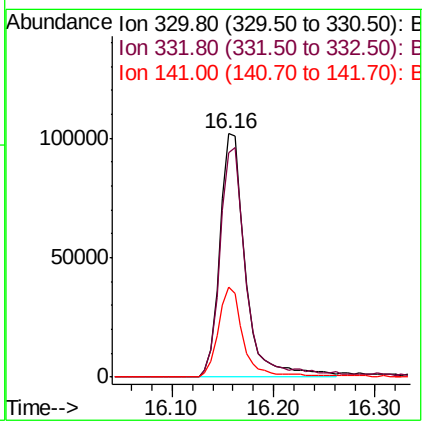


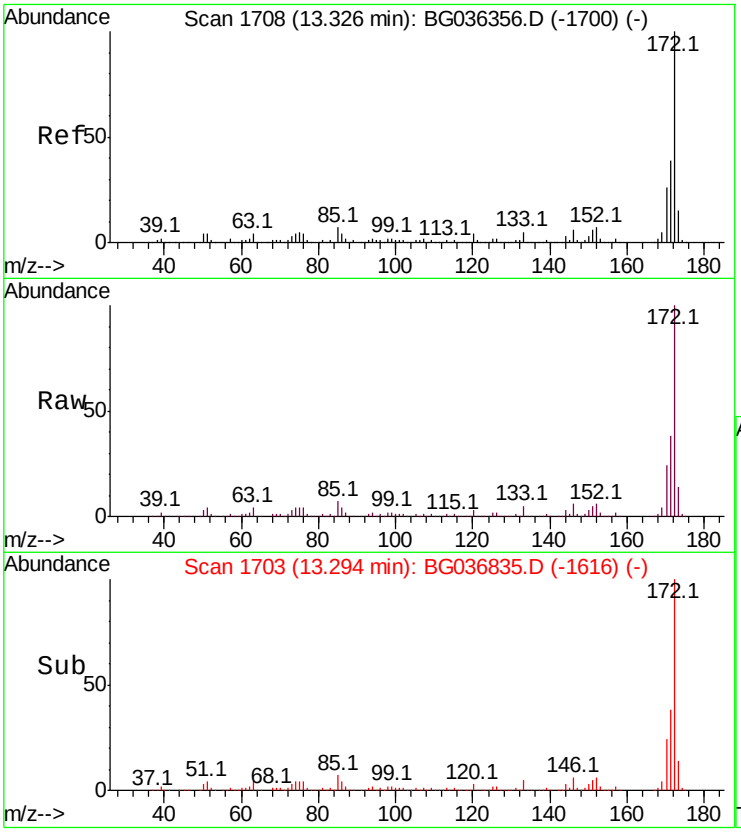


#41
2,4,6-Tribromophenol
Concen: 106.517 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Tgt Ion:330 Resp: 179722

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.2
141	36.6	30.7	46.1



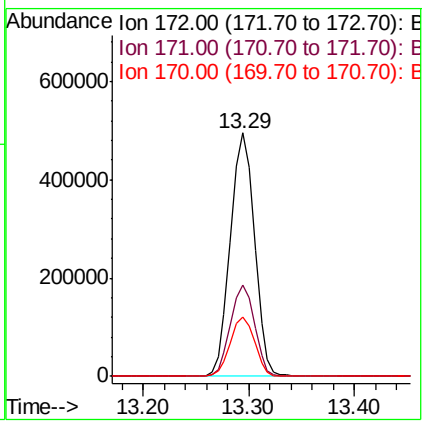


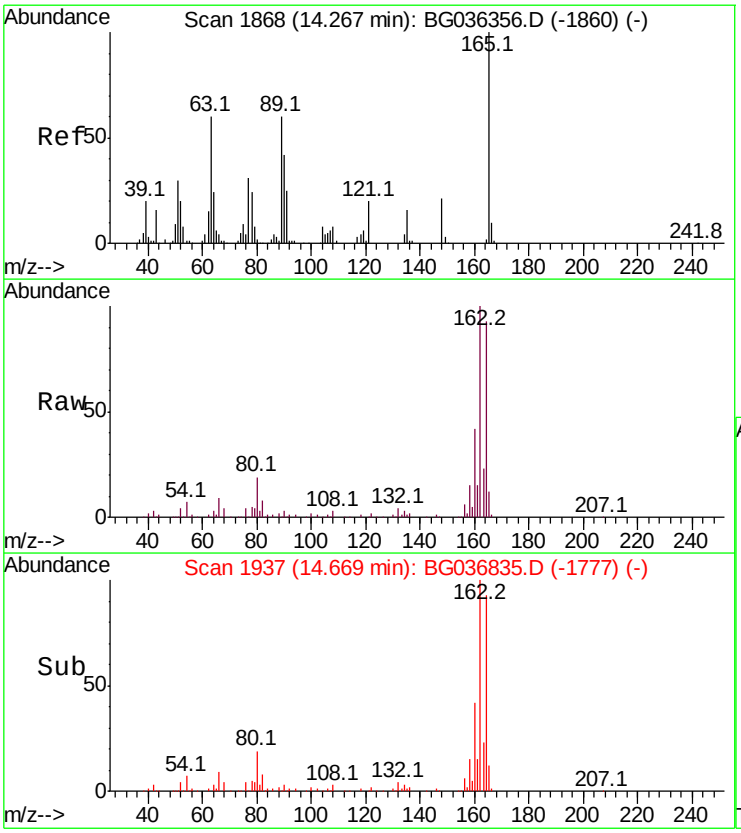
#44
2-Fluorobiphenyl
Concen: 79.024 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 782612

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.5	21.0	31.6

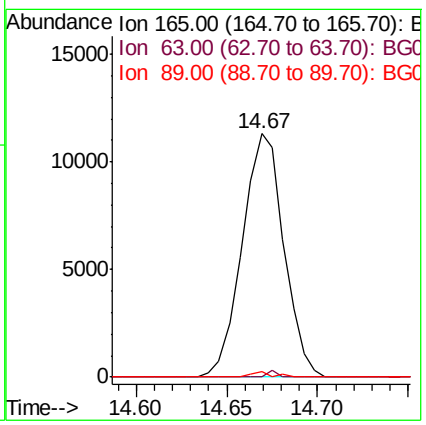


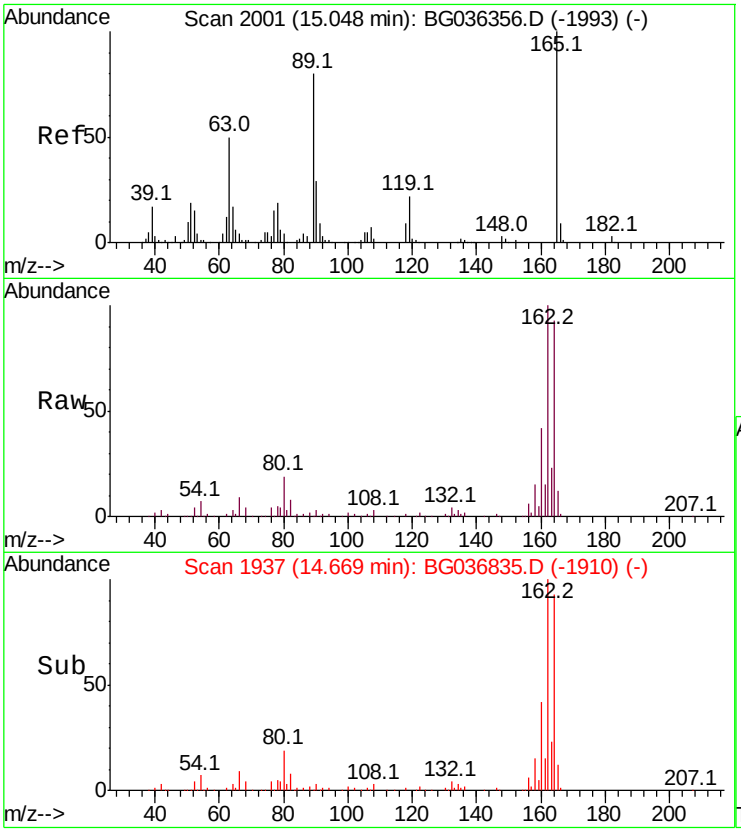


#50
2,6-Dinitrotoluene
Concen: 7.568 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.41 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Tgt Ion:165 Resp: 17982

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.4	47.8	71.6#



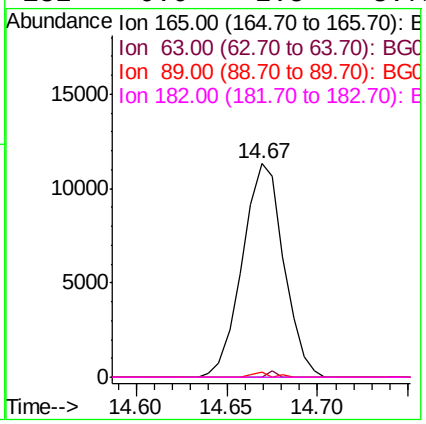


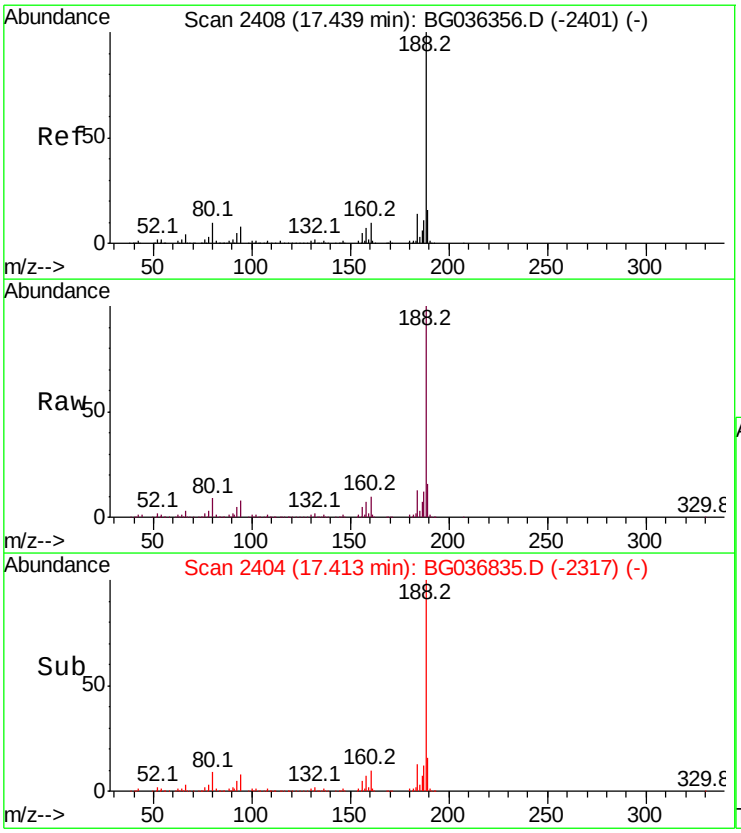
#56
2,4-Dinitrotoluene
Concen: 5.807 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17982

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

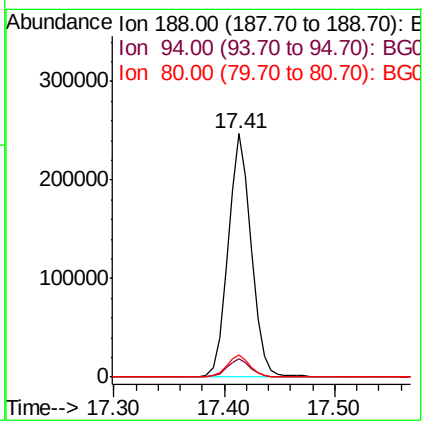


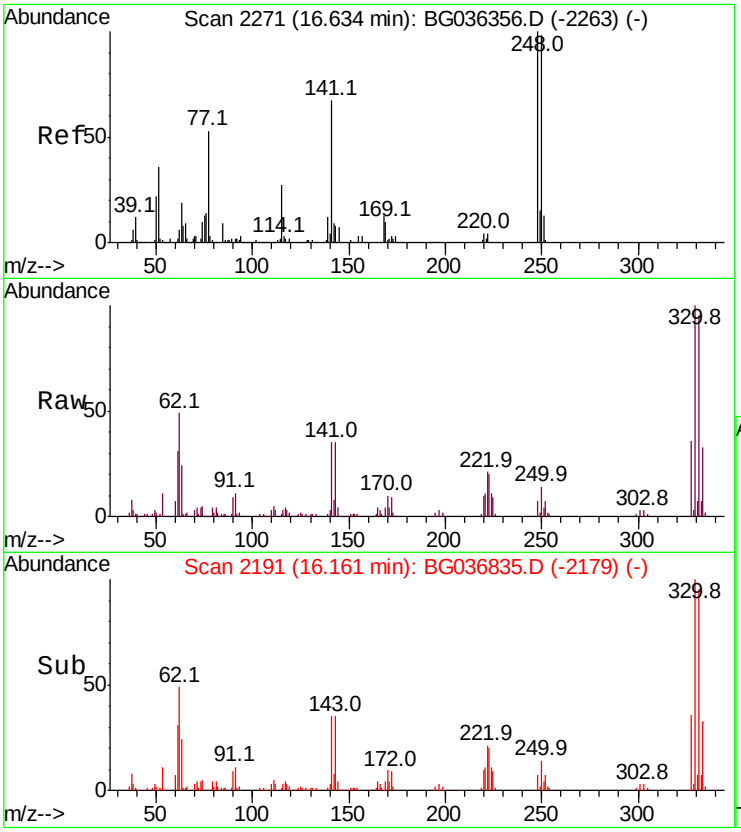


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Tgt Ion:188 Resp: 362293

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	9.0	8.1	12.1



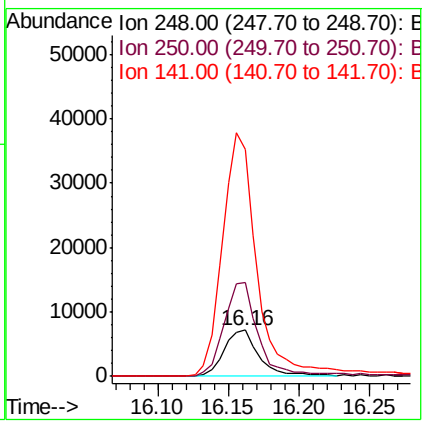


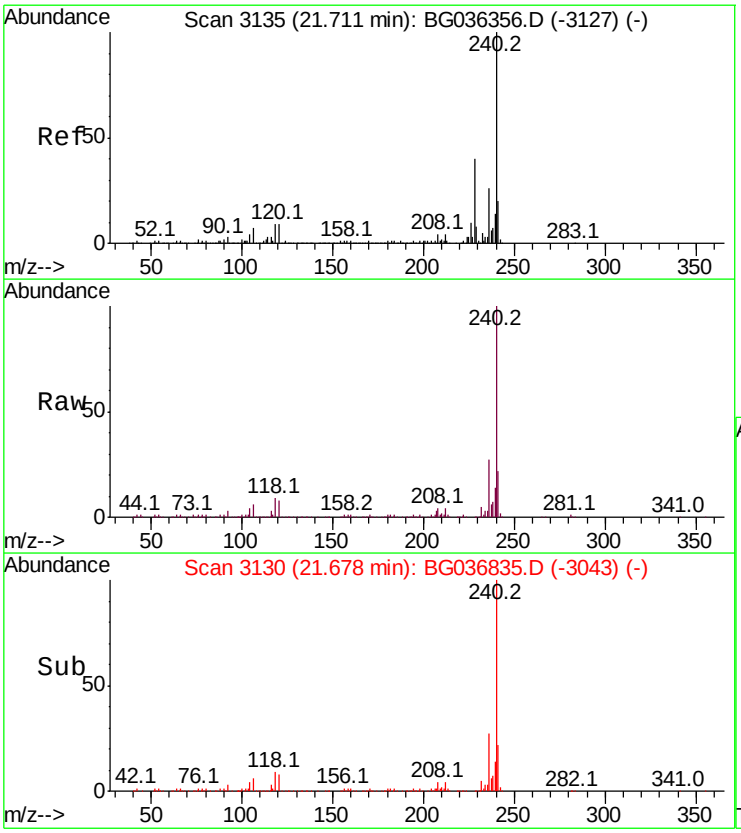
#66
4-Bromophenyl-phenylether
Concen: 2.908 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12334

Ion	Ratio	Lower	Upper
248	100		
250	203.7	78.1	117.1#
141	490.6	53.7	80.5#

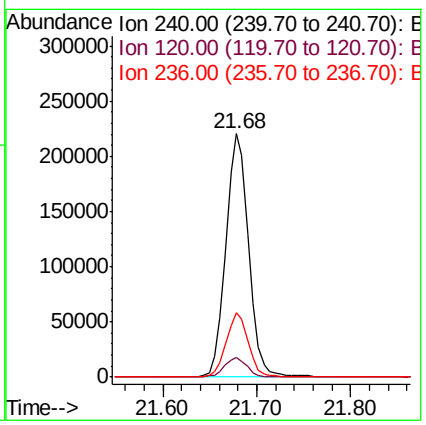


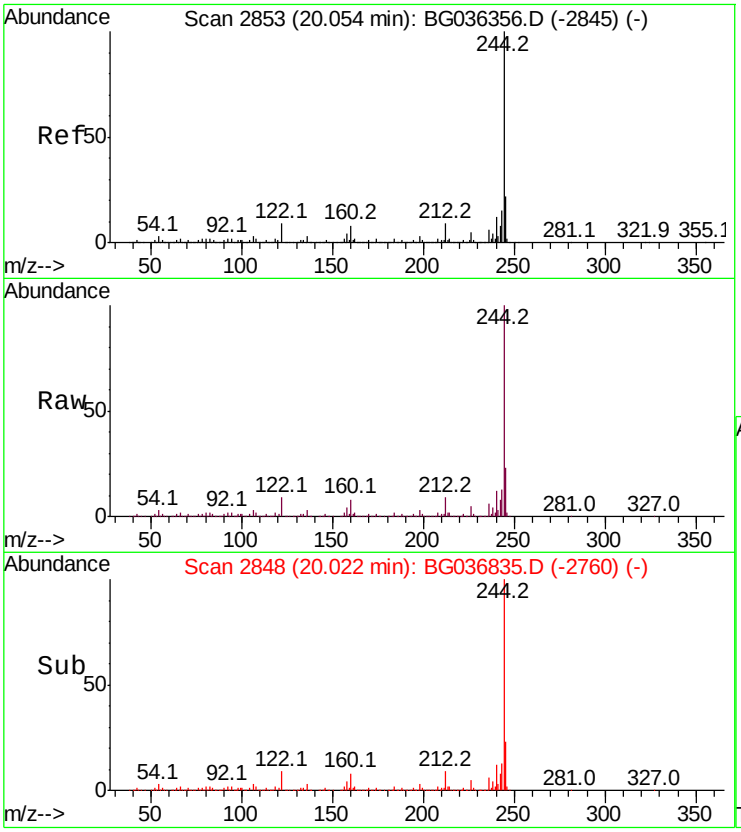


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Tgt Ion:240 Resp: 369489

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	26.6	21.2	31.8



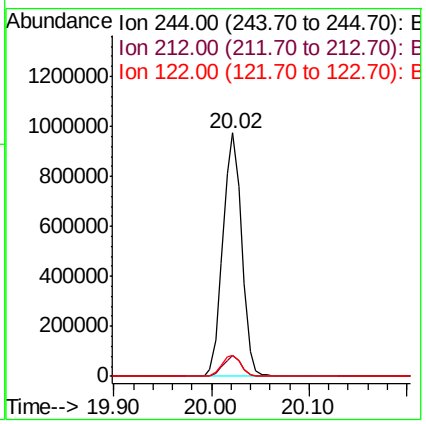


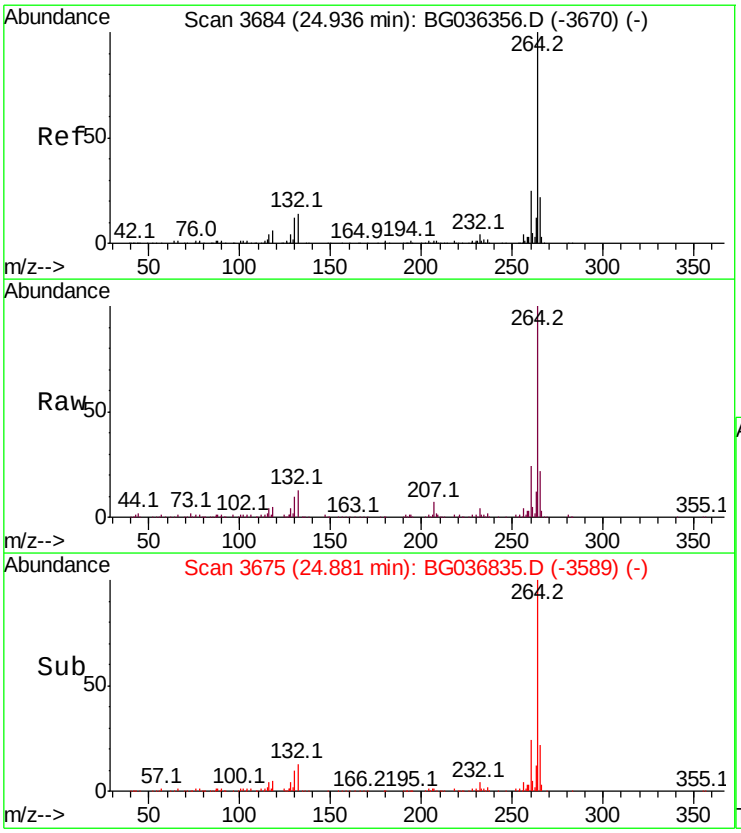
#78
Terphenyl-d14
Concen: 82.474 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1303760

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036835.D
Acq: 20 Sep 2018 1:11

Tgt Ion:264 Resp: 350084

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.3	17.4	26.0