Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
Data File : BG039632.D
Acq On : 27 Feb 2019 13:21
Operator : JU/SJ
Sample : K1594-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-1(4-5)

Quant Time: Feb 27 23:56:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	49423	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	208527	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	145225	20.00	ng		-0.02
64) Phenanthrene-d10	17.53	188	361114	20.00	ng		-0.02
76) Chrysene-d12	21.82	240	370741	20.00	ng		-0.03
87) Perylene-d12	25.19	264	374772	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	402397	139.35	ng		0.00
7) Phenol-d6	7.31	99	578988	136.21	ng		0.00
23) Nitrobenzene-d5	9.34	82	338293	101.35	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	226092	144.58	ng		-0.02
45) 2-Fluorobiphenyl	13.41	172	665473	65.74	ng		-0.02
79) Terphenyl-d14	20.12	244	1161884	66.34	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	7.31	77	1328	Below Cal		#	4
10) Phenol	7.34	94	11826	2.669	ng		95
19) n-Nitroso-di-n-propylamine	9.34	70	44151	14.635	ng	#	69
48) 2-Nitroaniline	14.23	65	718	8.524	ng	#	1
50) Dimethylphthalate	14.23	163	69243	5.904	ng		99
51) 2,6-Dinitrotoluene	14.23	165	861	6.898	ng	#	13
57) 2,4-Dinitrotoluene	14.79	165	18712	13.403	ng	#	20
65) 4,6-Dinitro-2-methylphenol	16.28	198	439	4.563	ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	17558	4.383	ng	#	1
84) Bis(2-ethylhexyl)phthalate	21.67	149	51303	3.694	ng		96

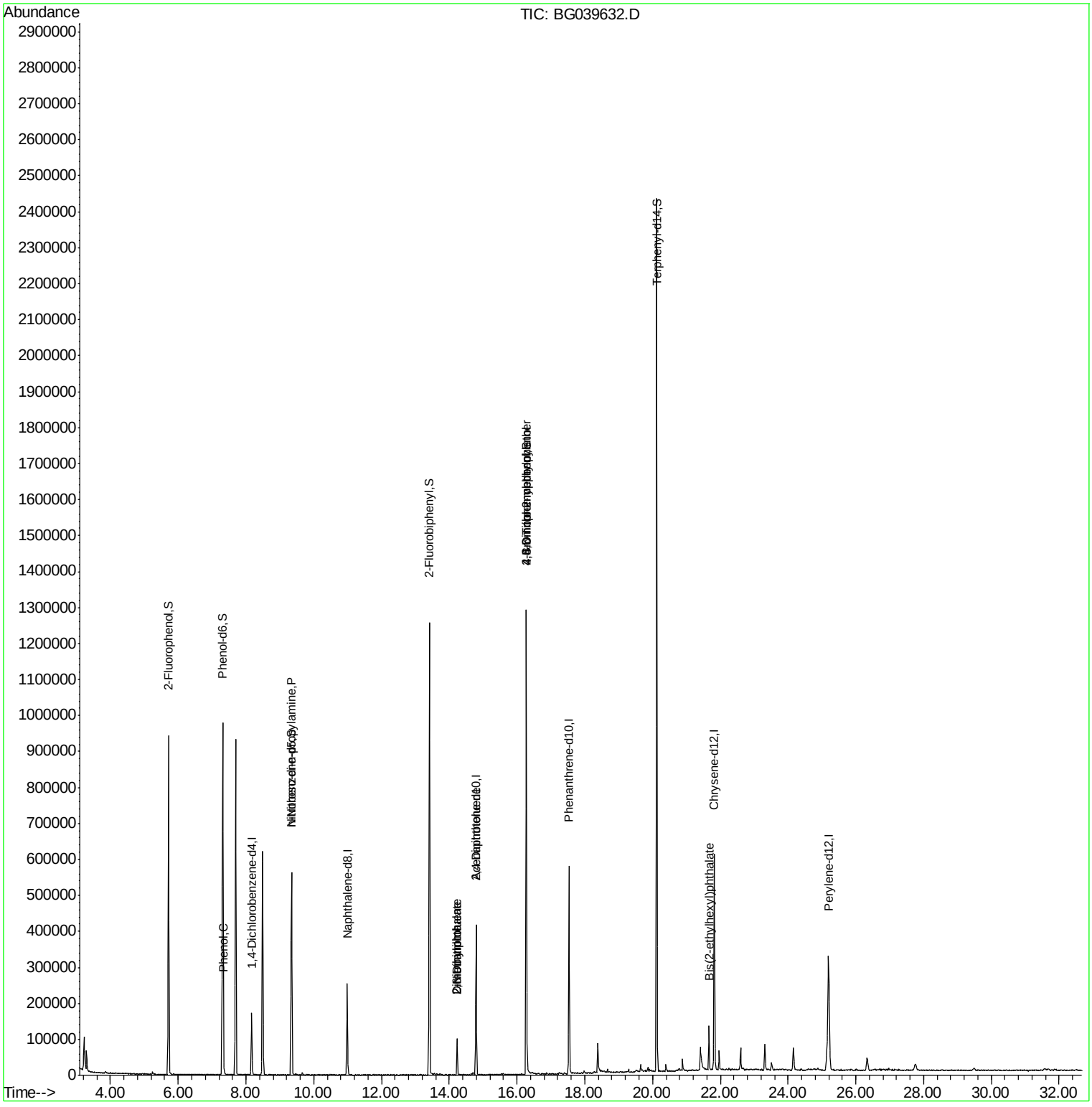
(#) = qualifier out of range (m) = manual integration (+) = signals summed

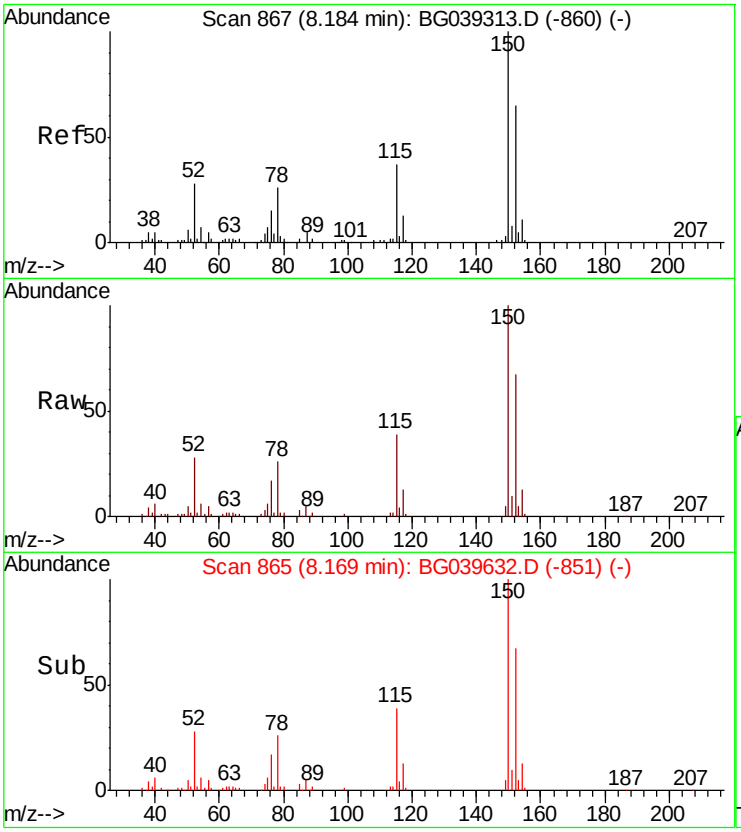
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
Data File : BG039632.D
Acq On : 27 Feb 2019 13:21
Operator : JU/SJ
Sample : K1594-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-1(4-5)

Quant Time: Feb 27 23:56:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



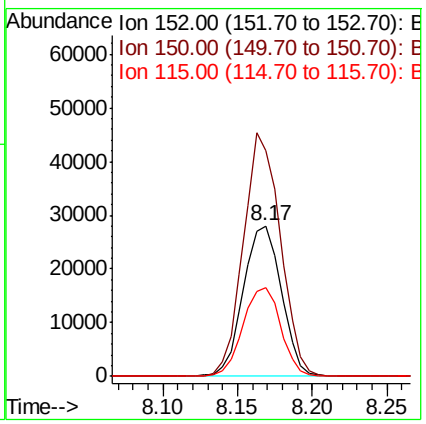


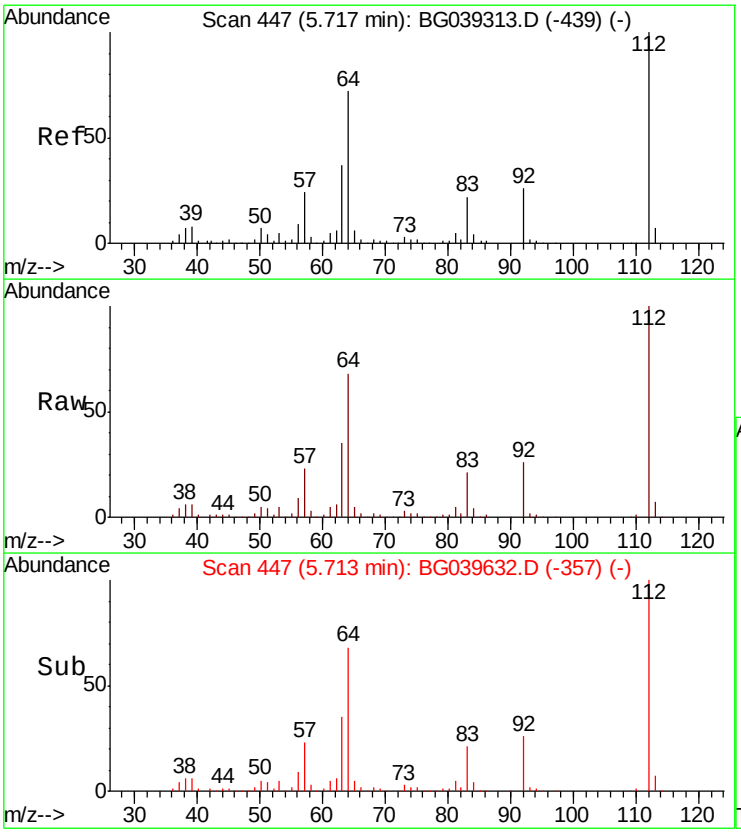
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion:152 Resp: 49423

Ion	Ratio	Lower	Upper
152	100		
150	149.9	123.7	185.5
115	59.1	45.9	68.9

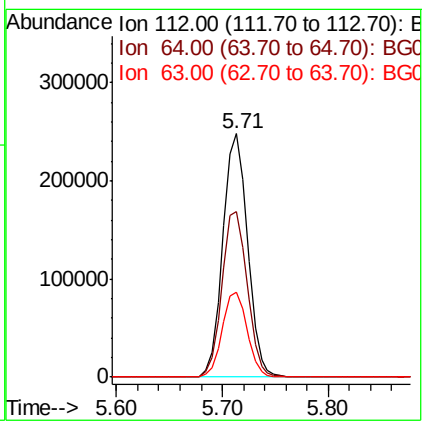


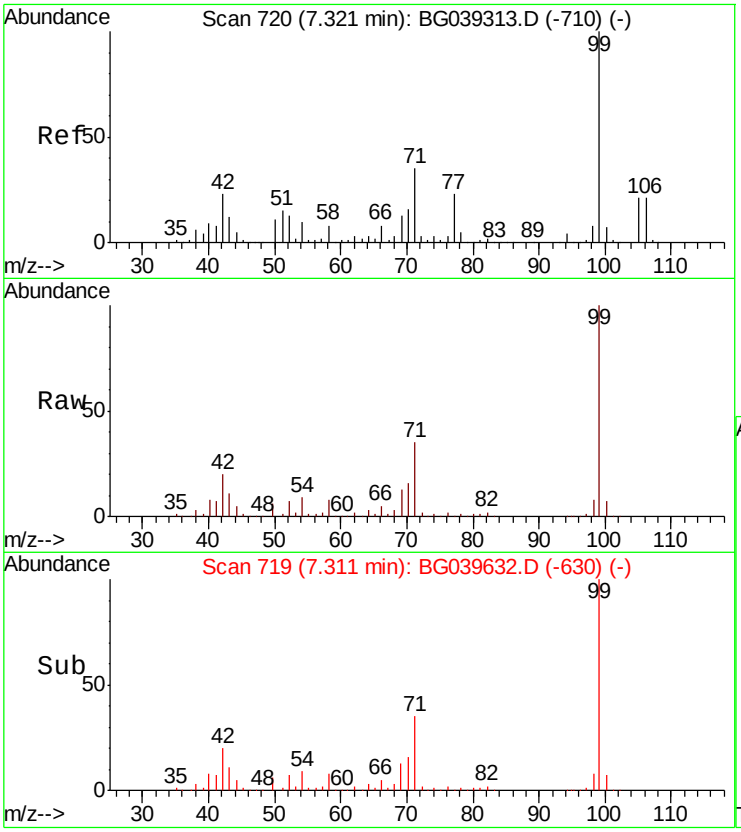


#5
2-Fluorophenol
Concen: 139.349 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Tgt Ion:112 Resp: 402397

Ion	Ratio	Lower	Upper
112	100		
64	67.8	57.8	86.8
63	35.1	29.8	44.6



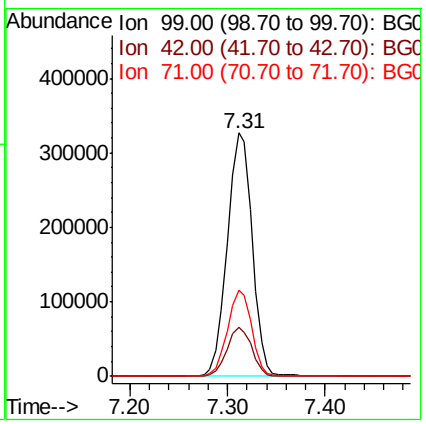


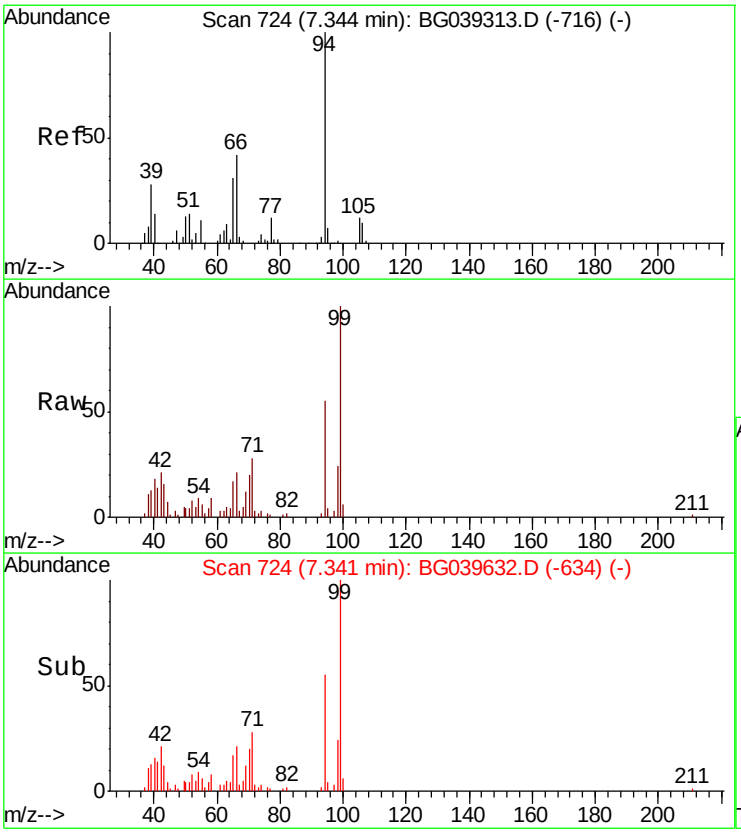
#7
Phenol-d6
Concen: 136.213 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion: 99 Resp: 578988

Ion	Ratio	Lower	Upper
99	100		
42	20.0	18.2	27.2
71	35.2	28.0	42.0

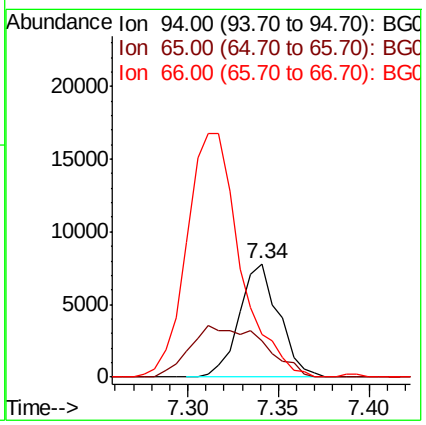


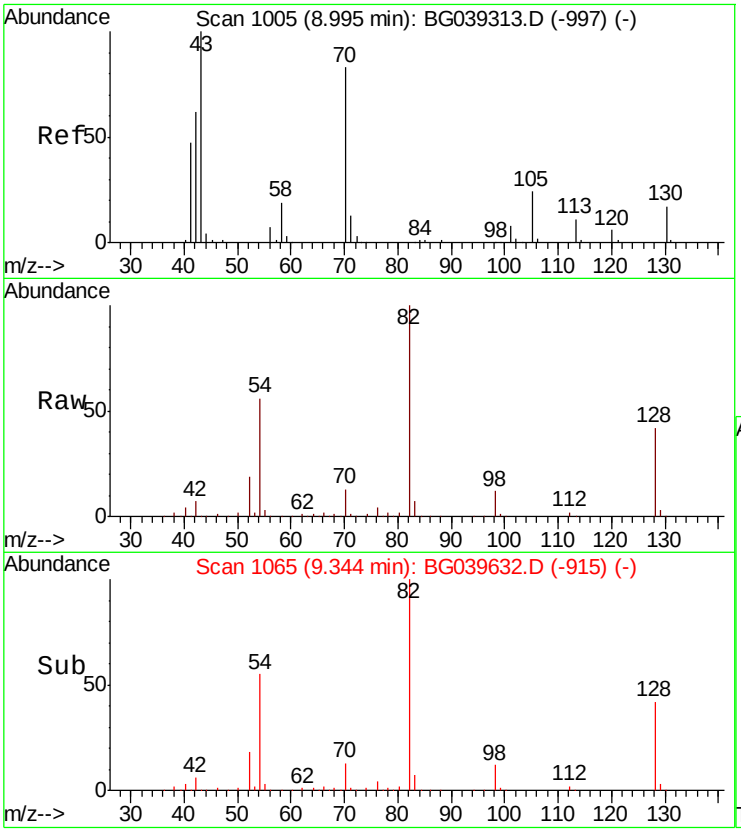


#10
Phenol
Concen: 2.669 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Tgt Ion: 94 Resp: 11826

Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.7	51.7
66	37.7	23.7	63.7



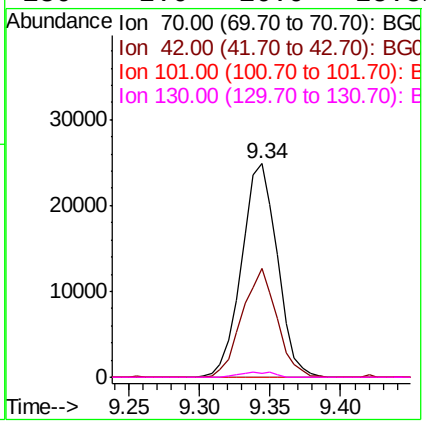


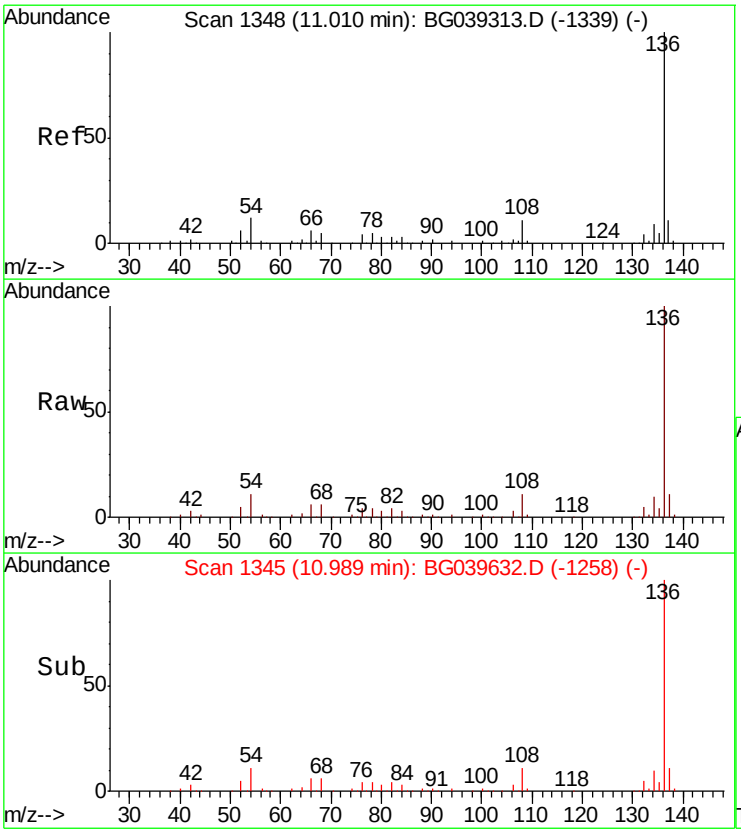
#19
n-Nitroso-di-n-propylamine
Concen: 14.635 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion: 70 Resp: 44151

Ion	Ratio	Lower	Upper
70	100		
42	51.1	60.4	90.6#
101	0.0	7.5	11.3#
130	2.0	16.9	25.3#

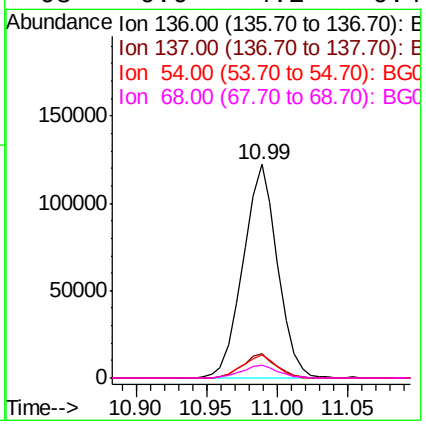


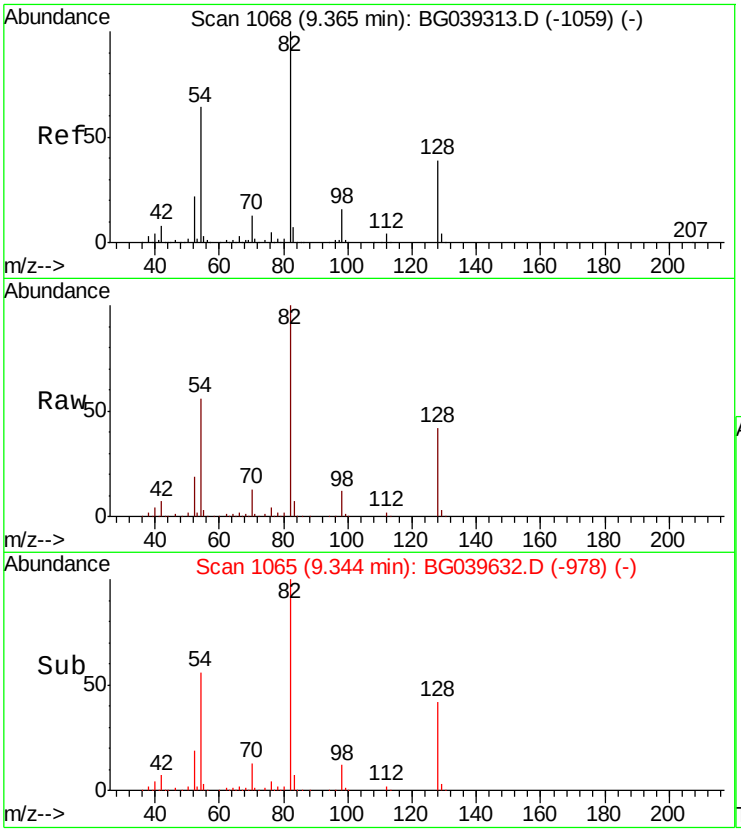


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Tgt Ion:136 Resp: 208527

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.5	9.4	14.2
68	6.0	4.2	6.4



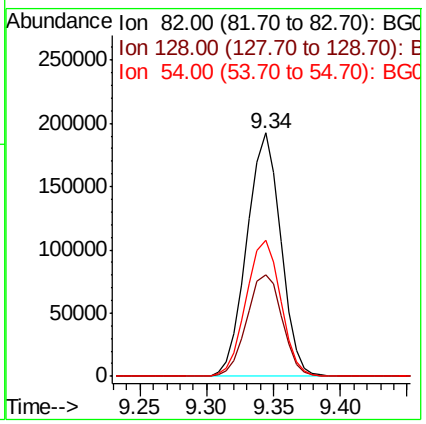


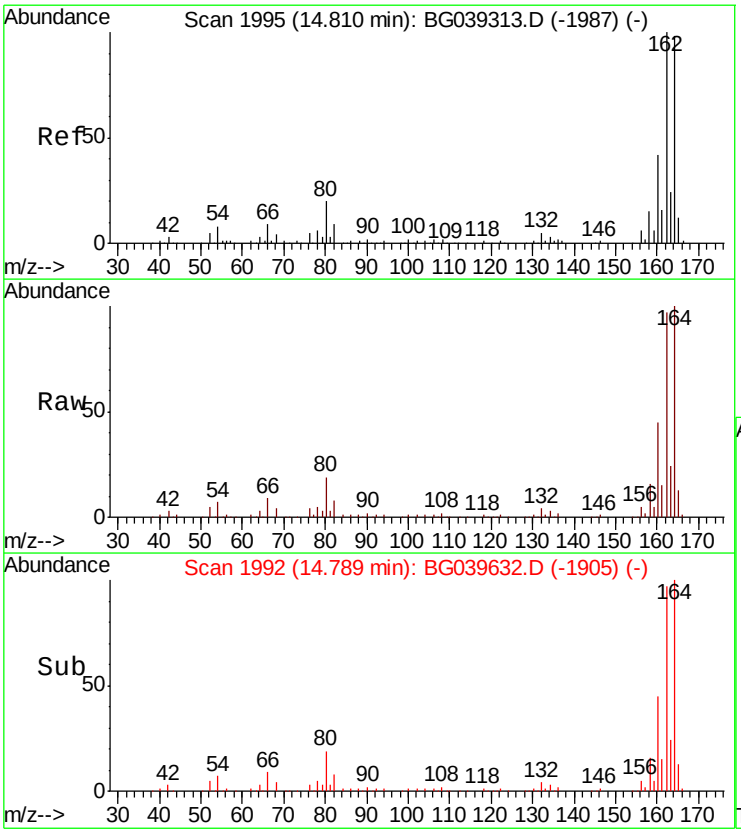
#23
Nitrobenzene-d5
Concen: 101.348 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion: 82 Resp: 338293

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	55.7	50.9	76.3

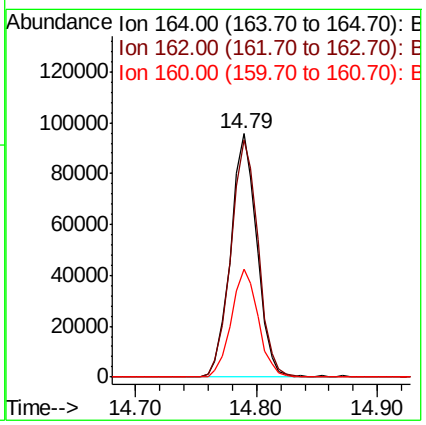


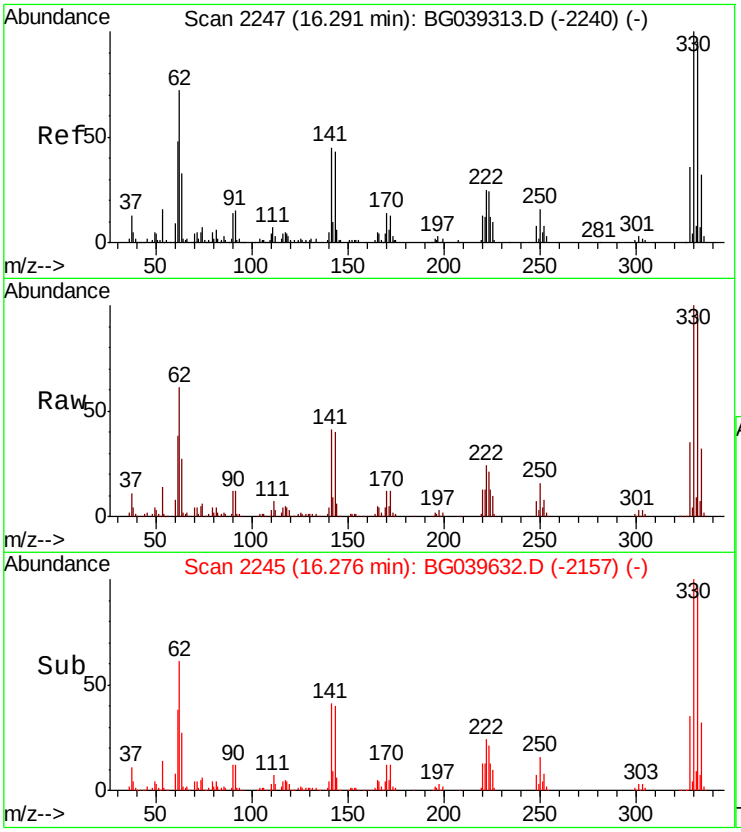


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Tgt Ion:164 Resp: 145225

Ion	Ratio	Lower	Upper
164	100		
162	97.3	81.6	122.4
160	44.6	34.2	51.2



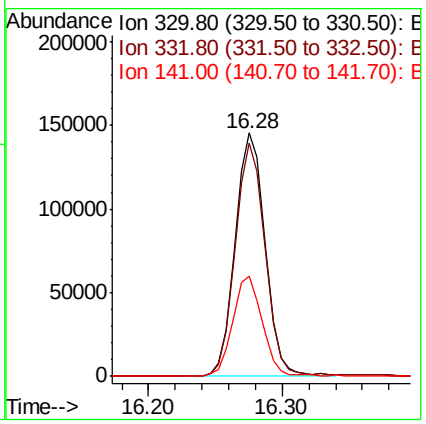


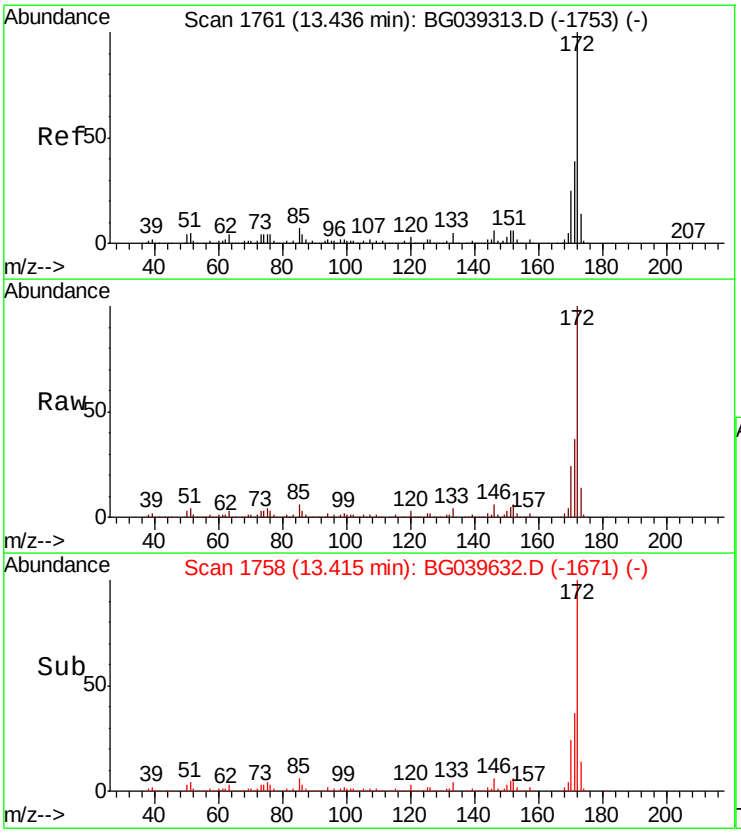
#42
2,4,6-Tribromophenol
Concen: 144.576 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion:330 Resp: 226092

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.7	113.5
141	41.1	35.6	53.4

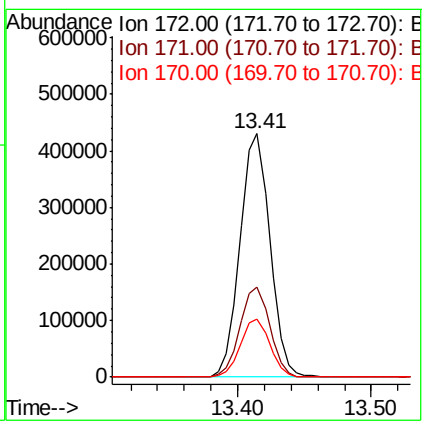


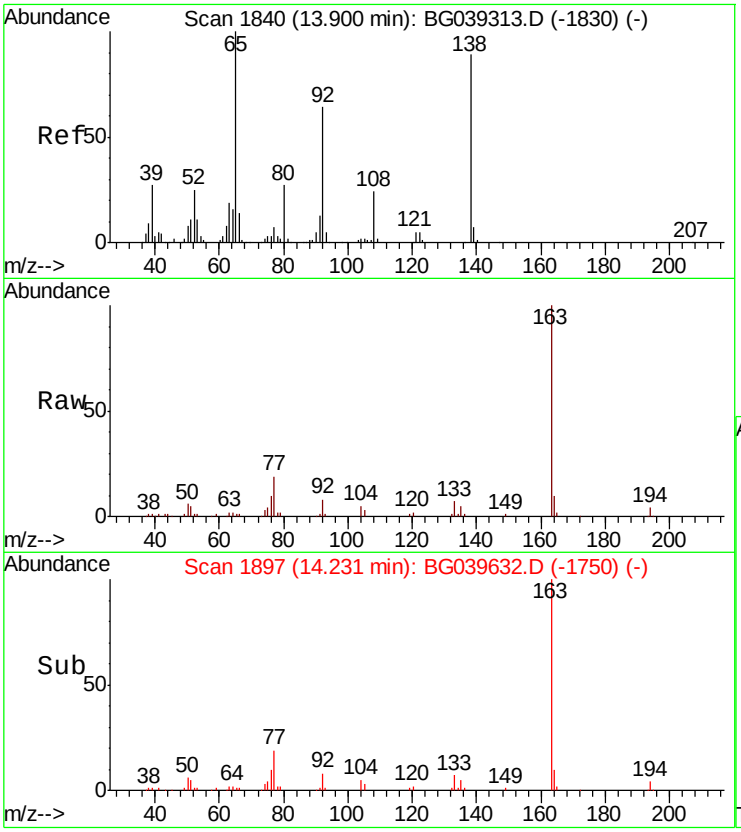


#45
2-Fluorobiphenyl
Concen: 65.736 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Tgt Ion:172 Resp: 665473

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.0	20.2	30.4



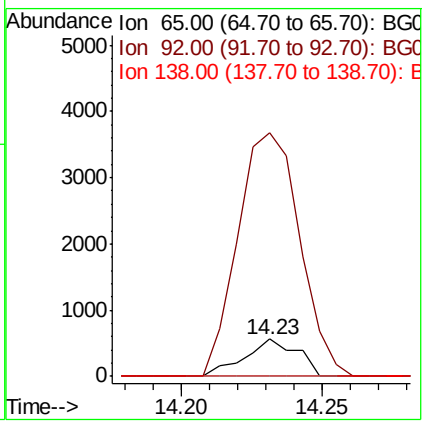


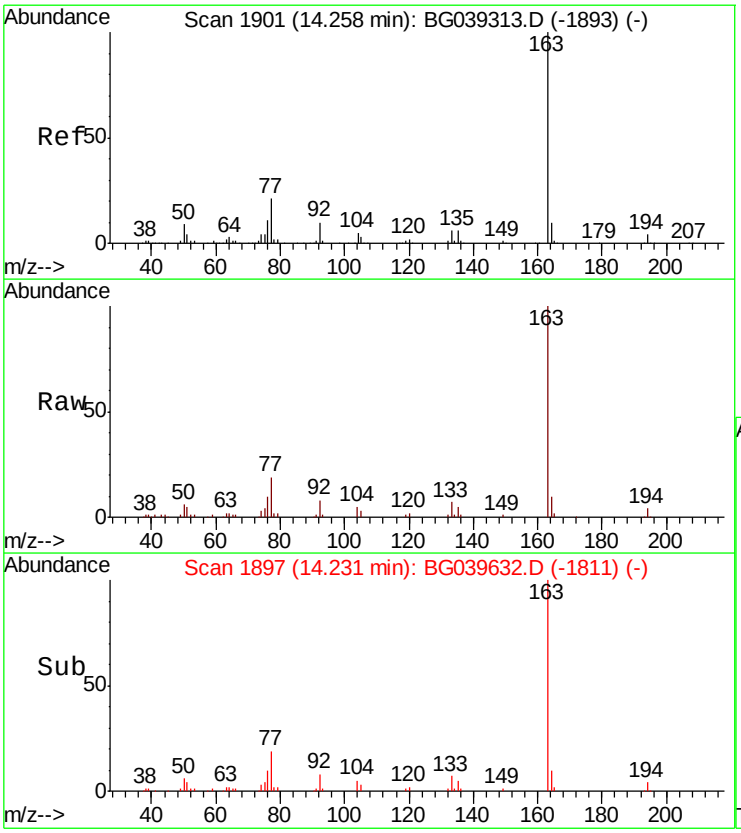
#48
2-Nitroaniline
Concen: 8.524 ng
RT: 14.23 min Scan# 1897
Delta R.T. 0.33 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion: 65 Resp: 718

Ion	Ratio	Lower	Upper
65	100		
92	659.0	51.4	77.2#
138	0.0	71.4	107.2#

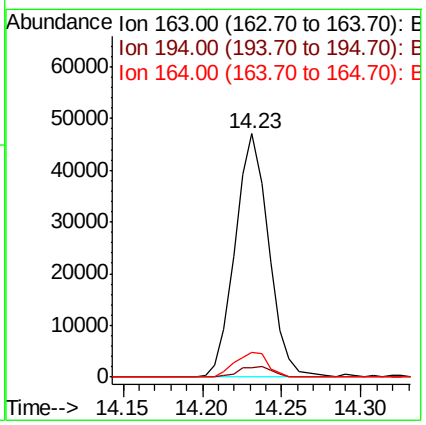


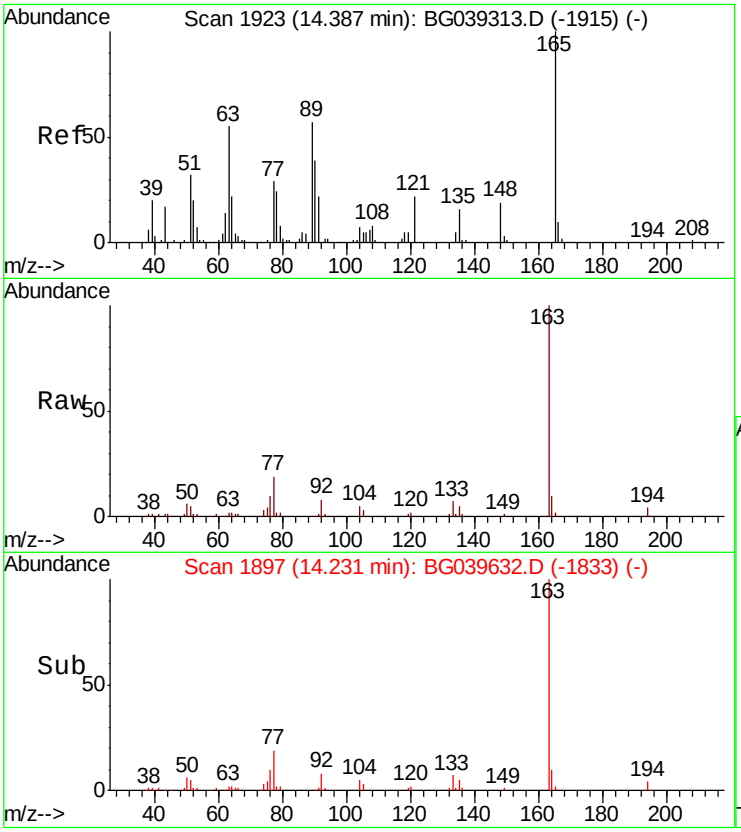


#50
Dimethylphthalate
Concen: 5.904 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Tgt Ion:163 Resp: 69243

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	10.1	8.4	12.6



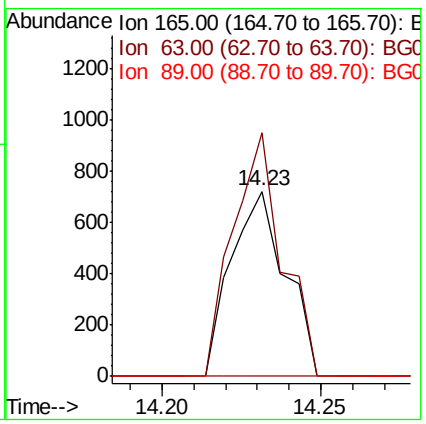


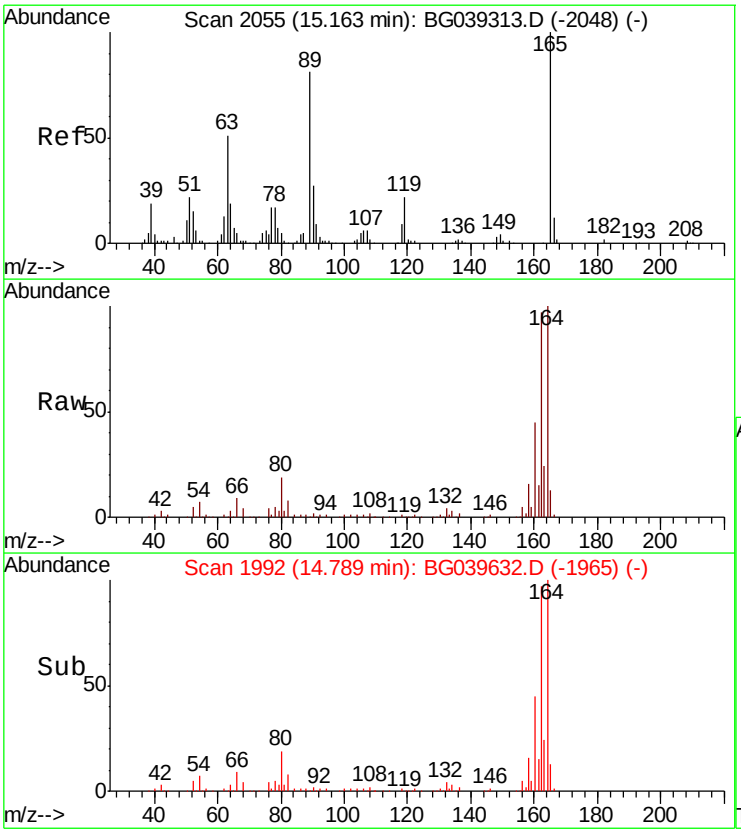
#51
2,6-Dinitrotoluene
Concen: 6.898 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.16 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion:165 Resp: 861

Ion	Ratio	Lower	Upper
165	100		
63	131.4	47.0	70.6#
89	0.0	45.8	68.8#

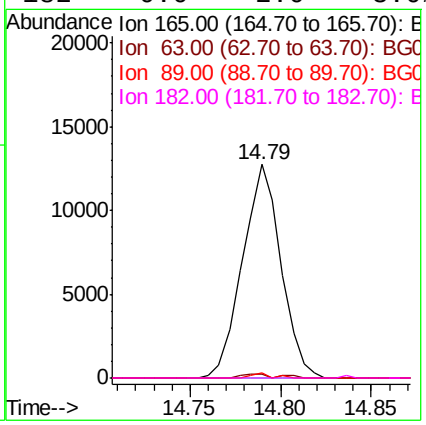


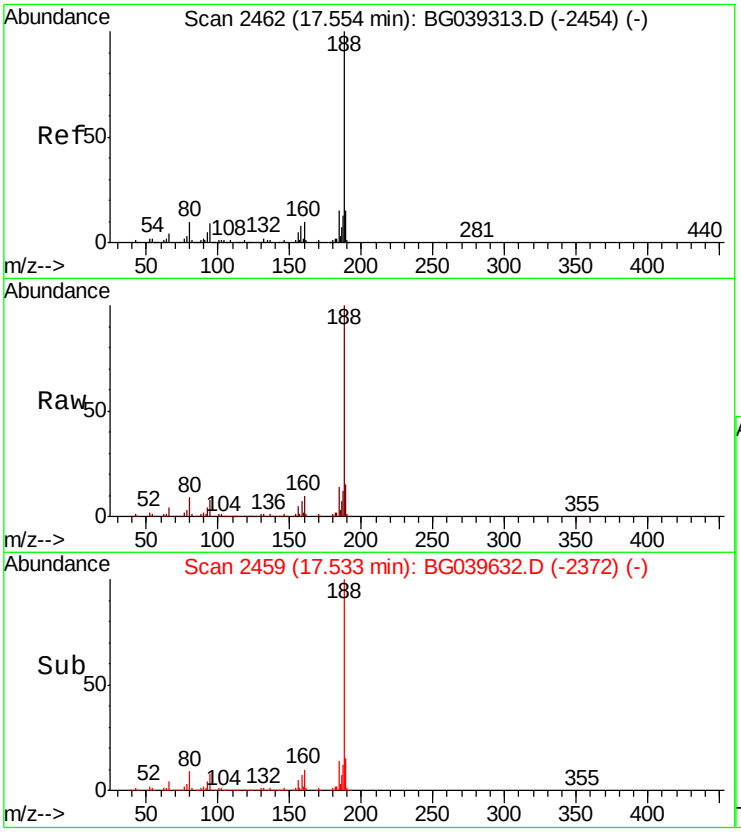


#57
2,4-Dinitrotoluene
Concen: 13.403 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Tgt Ion:165 Resp: 18712

Ion	Ratio	Lower	Upper
165	100		
63	1.6	41.0	61.6#
89	2.3	64.6	96.8#
182	0.0	2.0	3.0#



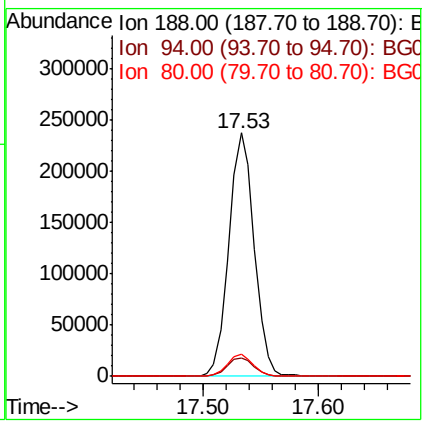


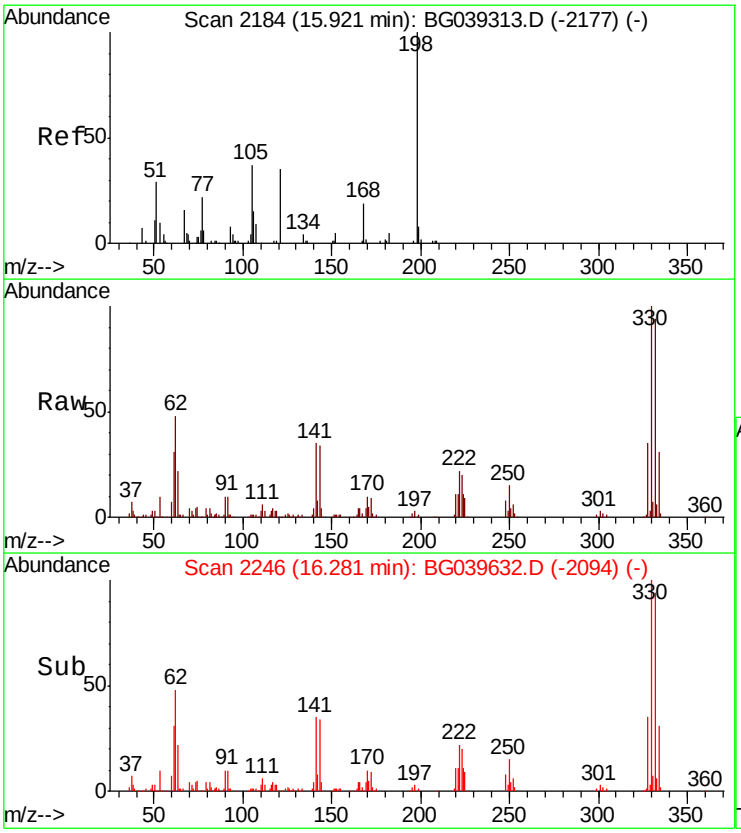
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion:188 Resp: 361114

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	9.3	8.1	12.1

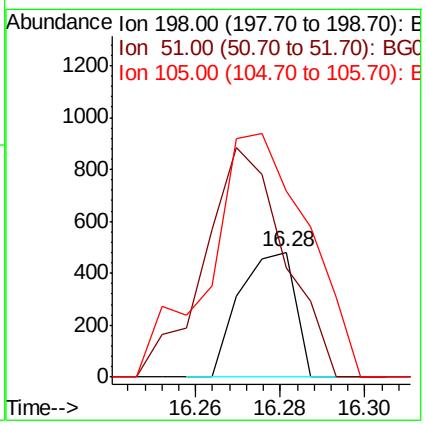


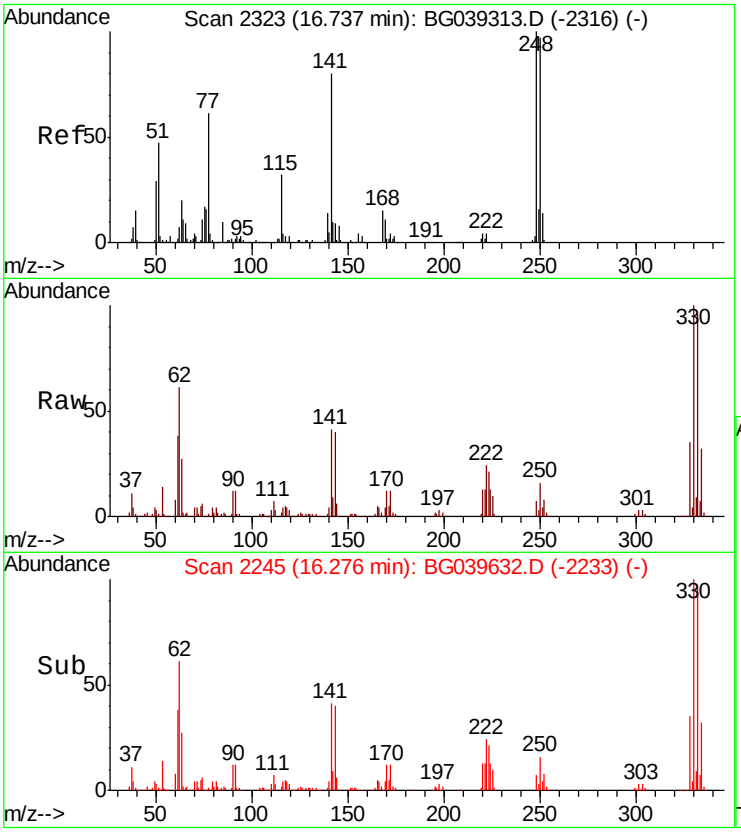


#65
4,6-Dinitro-2-methylphenol
Concen: 4.563 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Tgt Ion:198 Resp: 439

Ion	Ratio	Lower	Upper
198	100		
51	87.9	27.4	67.4#
105	149.8	19.7	59.7#



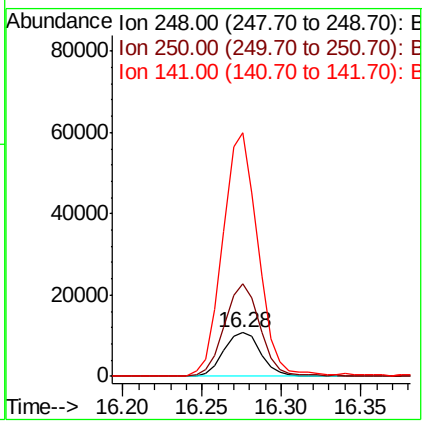


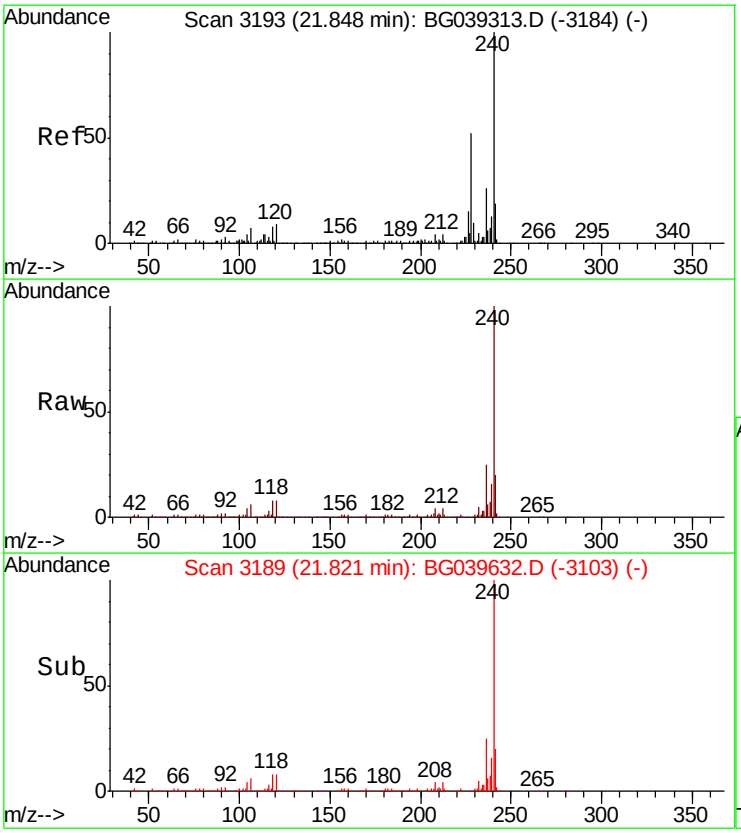
#67
4-Bromophenyl-phenylether
Concen: 4.383 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion:248 Resp: 17558

Ion	Ratio	Lower	Upper
248	100		
250	210.3	77.6	116.4#
141	555.9	63.9	95.9#

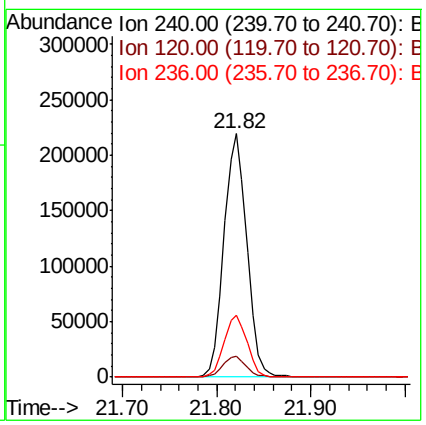


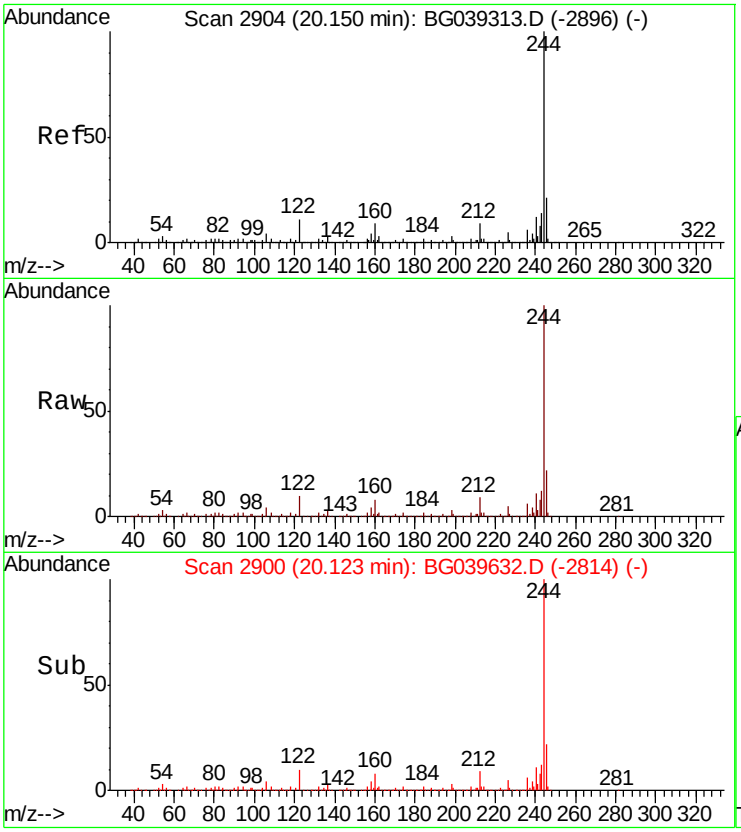


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Tgt Ion:240 Resp: 370741

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	25.2	21.0	31.4



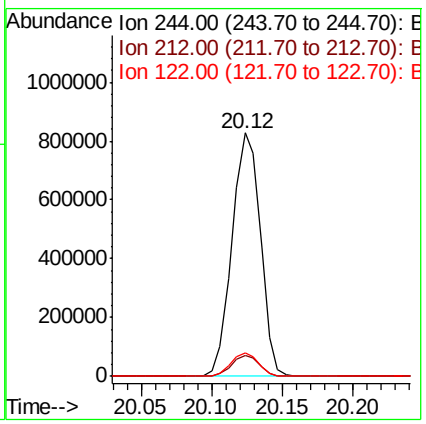


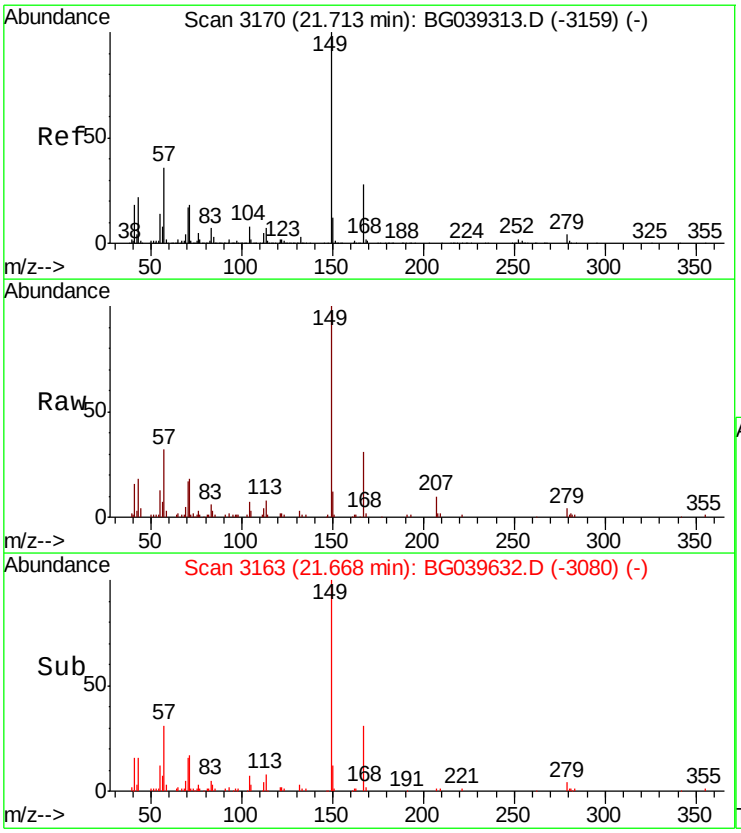
#79
Terphenyl-d14
Concen: 66.336 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion:244 Resp: 1161884

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.8	8.4	12.6

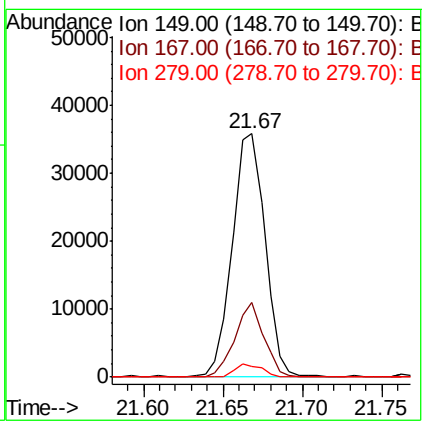


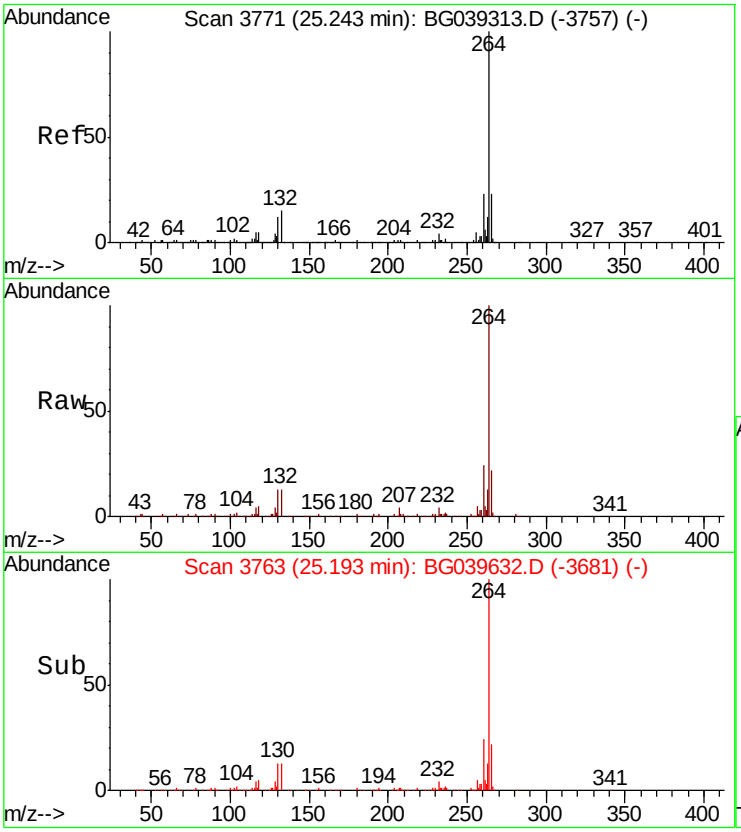


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.694 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Tgt Ion:149 Resp: 51303

Ion	Ratio	Lower	Upper
149	100		
167	30.8	22.6	34.0
279	4.3	3.5	5.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.05 min
Lab File: BG039632.D
Acq: 27 Feb 2019 13:21

Instrument :
BNA_G
ClientSampleId :
B-1(4-5)

Tgt Ion:264 Resp: 374772

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.2	18.5	27.7