Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4B(14-15)

Quant Time: Feb 27 00:00:34 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	52531	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	220549	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	151130	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	383400	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	411850	20.00	ng	-0.03
87) Perylene-d12	25.20	264	420838	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	461339	150.31	ng	0.00
7) Phenol-d6	7.32	99	662195	146.57	ng	0.00
23) Nitrobenzene-d5	9.34	82	385377	109.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	267084	164.12	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	893655	84.83	ng	-0.02
79) Terphenyl-d14	20.12	244	1447118	74.37	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1757	Below Cal	#	26
19) n-Nitroso-di-n-propylamine	9.34	70	49227	15.352	ng	# 67
32) Benzoic acid	10.18	122	63	9.046	ng	# 1
48) 2-Nitroaniline	14.24	65	750	8.525	ng	# 1
50) Dimethylphthalate	14.23	163	85166	6.977	ng	100
51) 2,6-Dinitrotoluene	14.24	165	811	6.866	ng	# 28
53) 3-Nitroaniline	14.80	138	55	5.812	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	19561	13.428	ng	# 18
62) 4-Nitroaniline	15.78	138	70	4.227	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.28	198	957	4.975	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	20975	4.931	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.67	149	54299	3.519	ng	98

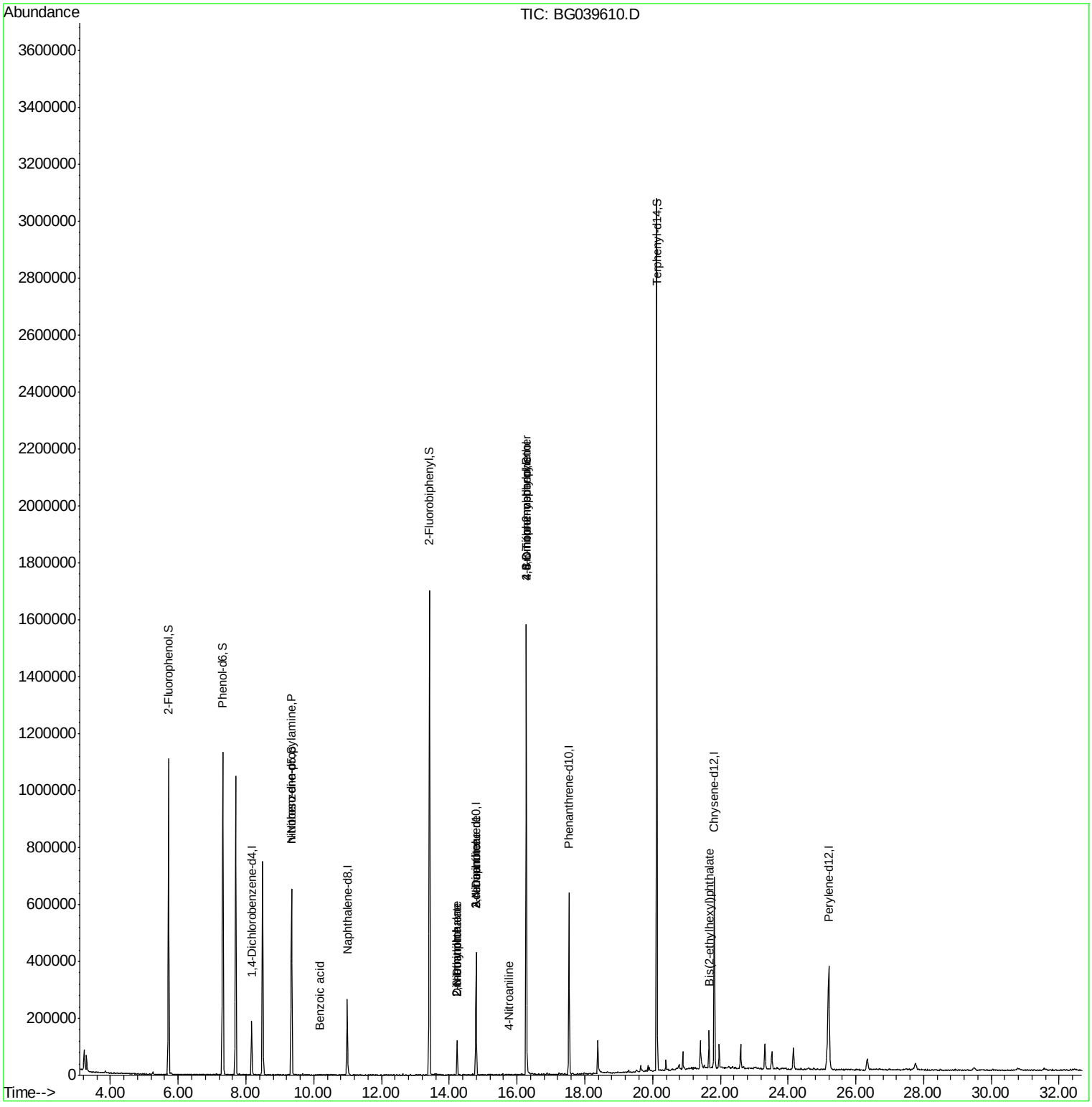
(#) = qualifier out of range (m) = manual integration (+) = signals summed

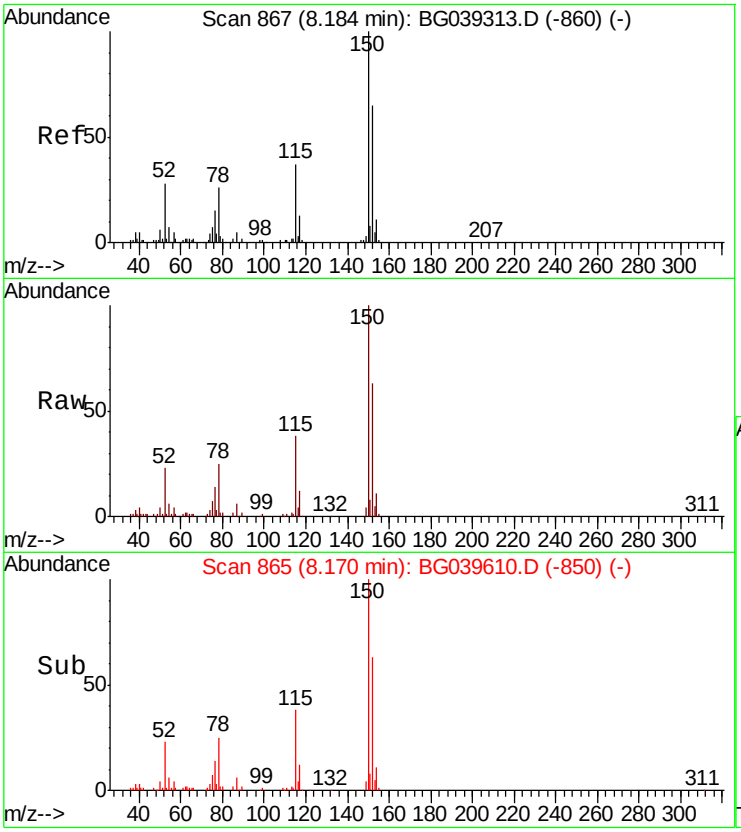
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
Data File : BG039610.D
Acq On : 26 Feb 2019 21:19
Operator : JU/SJ
Sample : K1594-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Quant Time: Feb 27 00:00:34 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



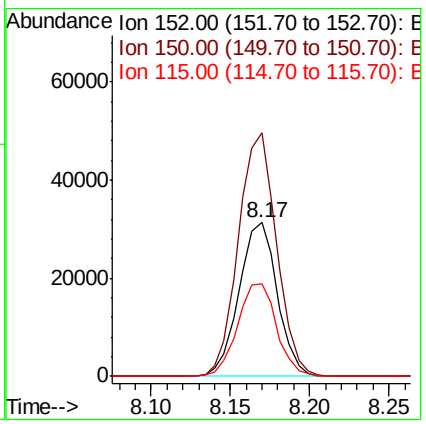


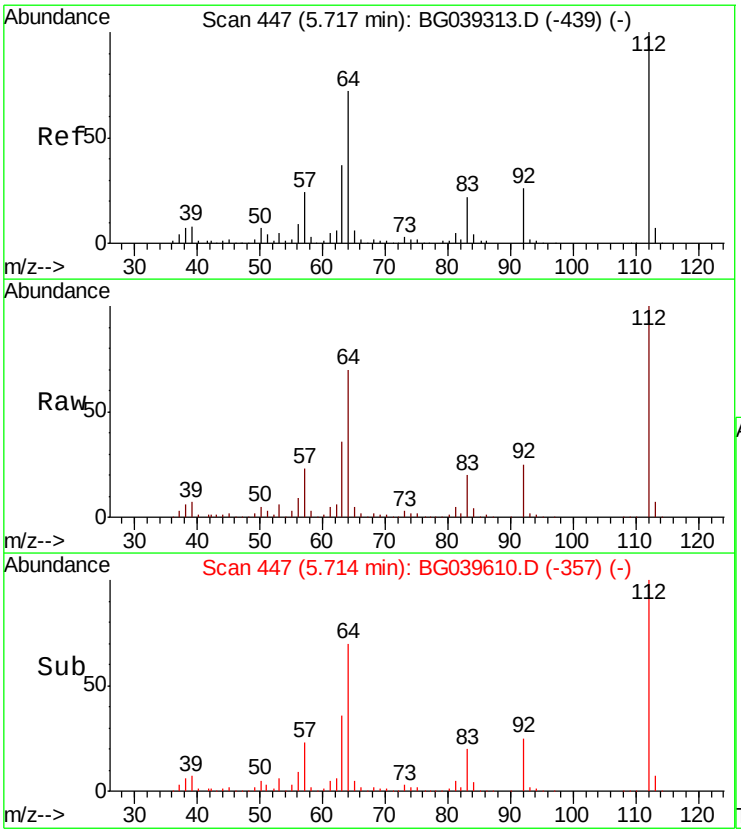
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion:152 Resp: 52531

Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.7	185.5
115	60.3	45.9	68.9

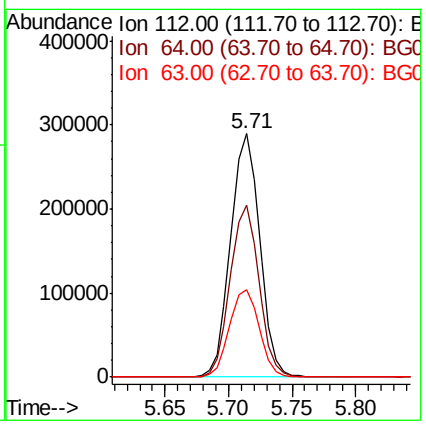


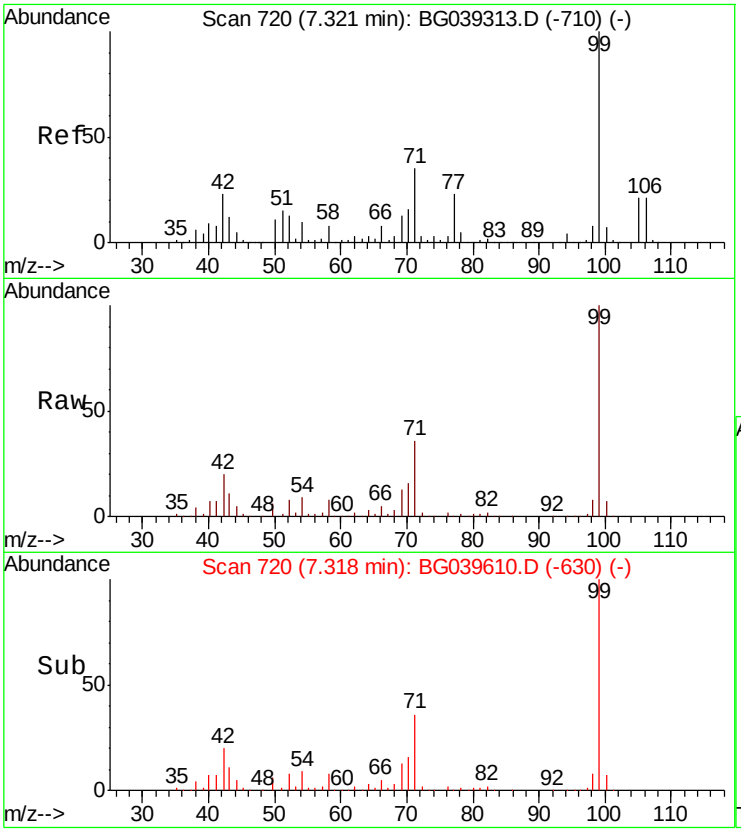


#5
2-Fluorophenol
Concen: 150.309 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion:112 Resp: 461339

Ion	Ratio	Lower	Upper
112	100		
64	70.4	57.8	86.8
63	35.9	29.8	44.6



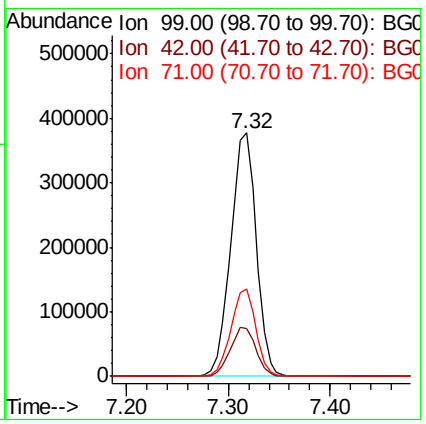


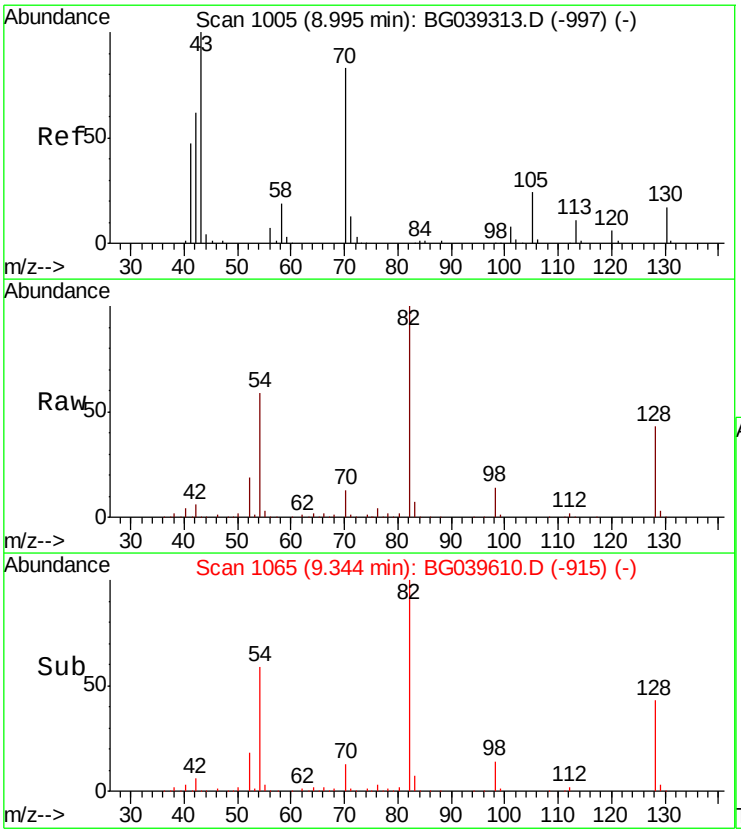
#7
Phenol-d6
Concen: 146.572 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion: 99 Resp: 662195

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.2
71	35.9	28.0	42.0

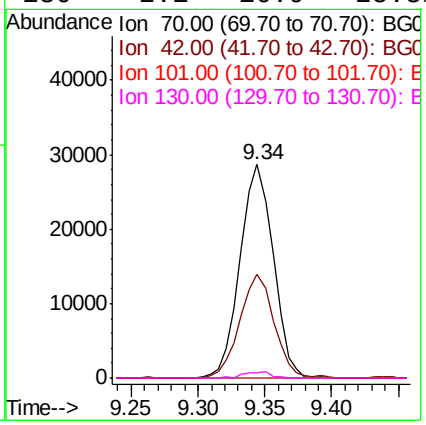


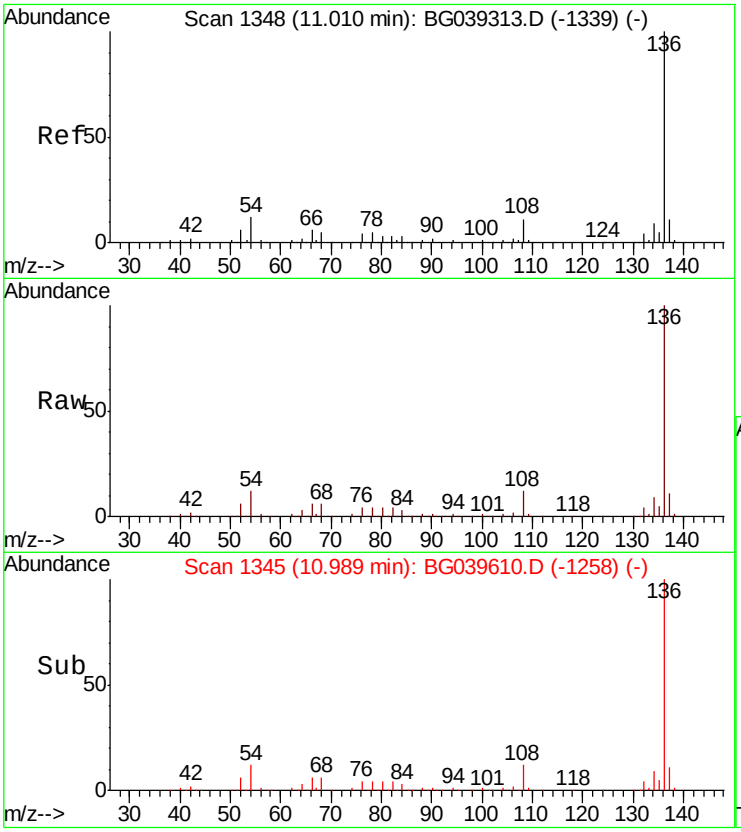


#19
n-Nitroso-di-n-propylamine
Concen: 15.352 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion: 70 Resp: 49227

Ion	Ratio	Lower	Upper
70	100		
42	48.7	60.4	90.6#
101	0.0	7.5	11.3#
130	2.1	16.9	25.3#



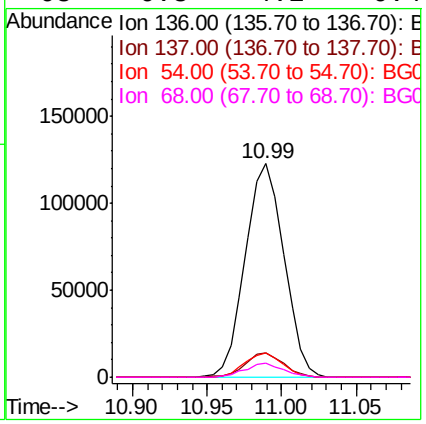


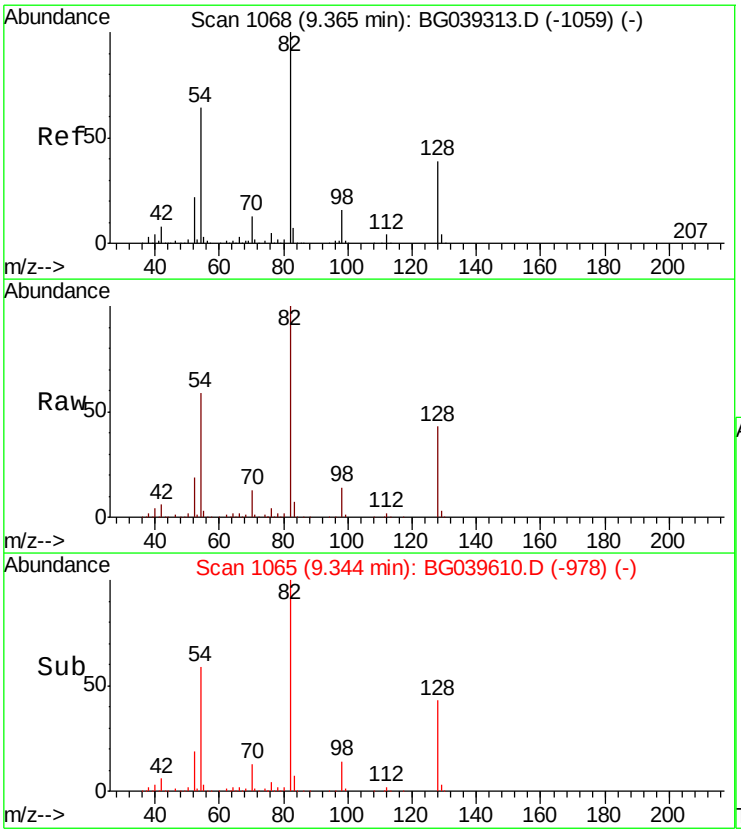
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion:136 Resp: 220549

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	11.7	9.4	14.2
68	6.3	4.2	6.4

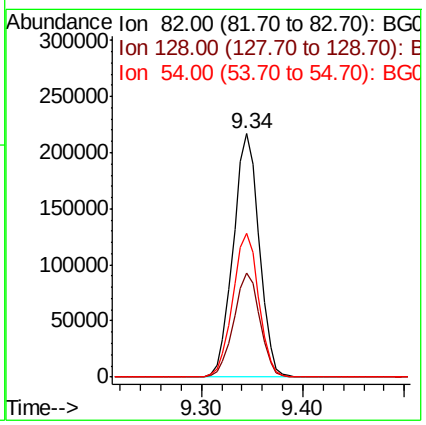


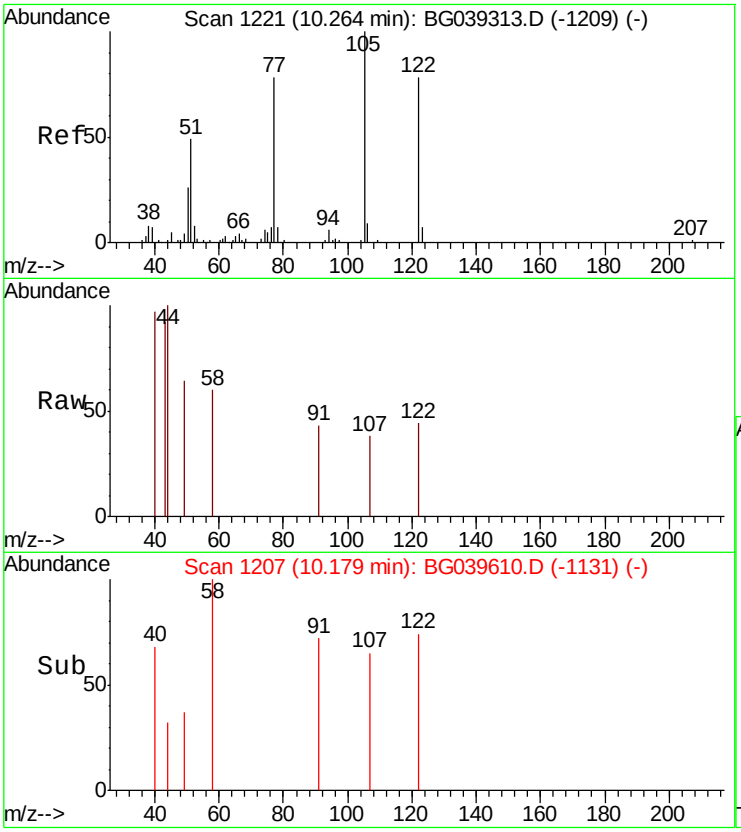


#23
Nitrobenzene-d5
Concen: 109.160 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion: 82 Resp: 385377

Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.3	46.9
54	59.3	50.9	76.3



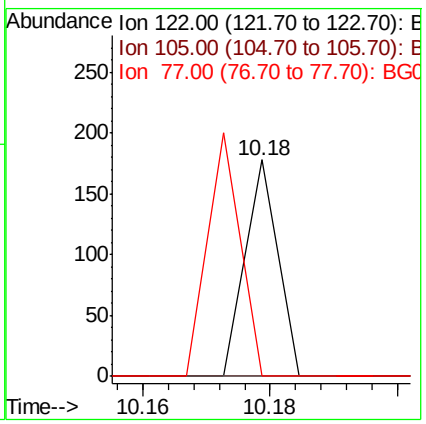


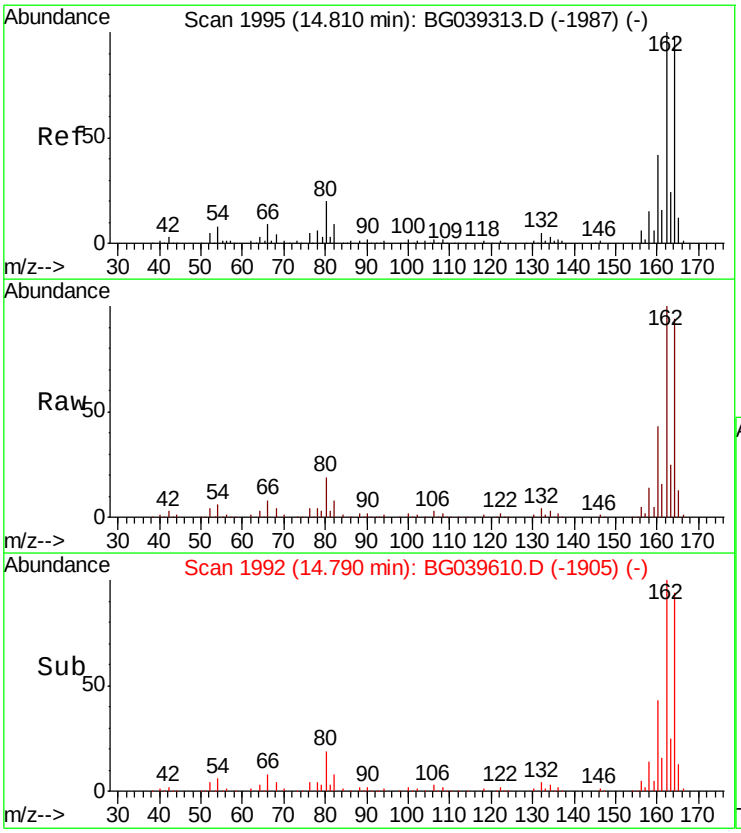
#32
Benzoic acid
Concen: 9.046 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.08 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion:122 Resp: 63

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

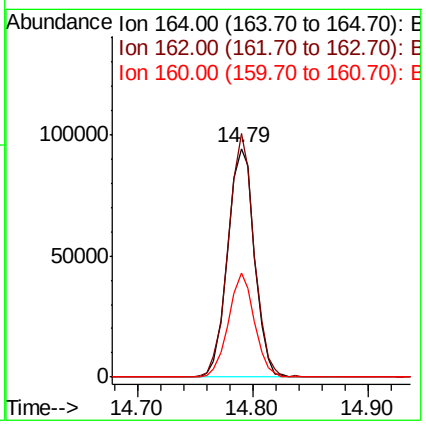


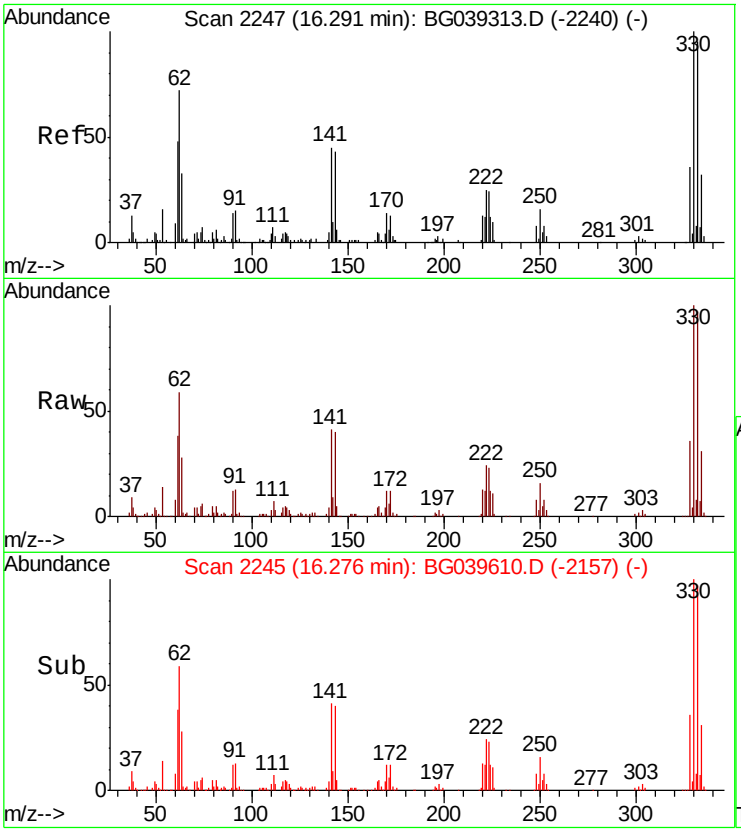


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion:164 Resp: 151130

Ion	Ratio	Lower	Upper
164	100		
162	106.4	81.6	122.4
160	45.6	34.2	51.2



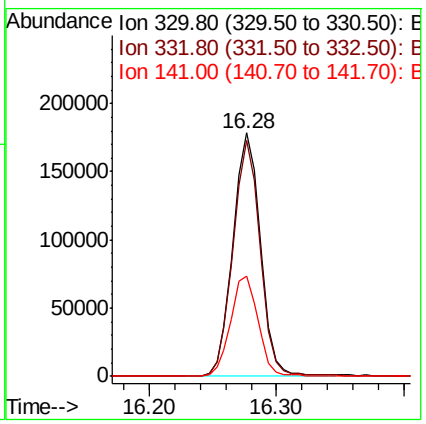


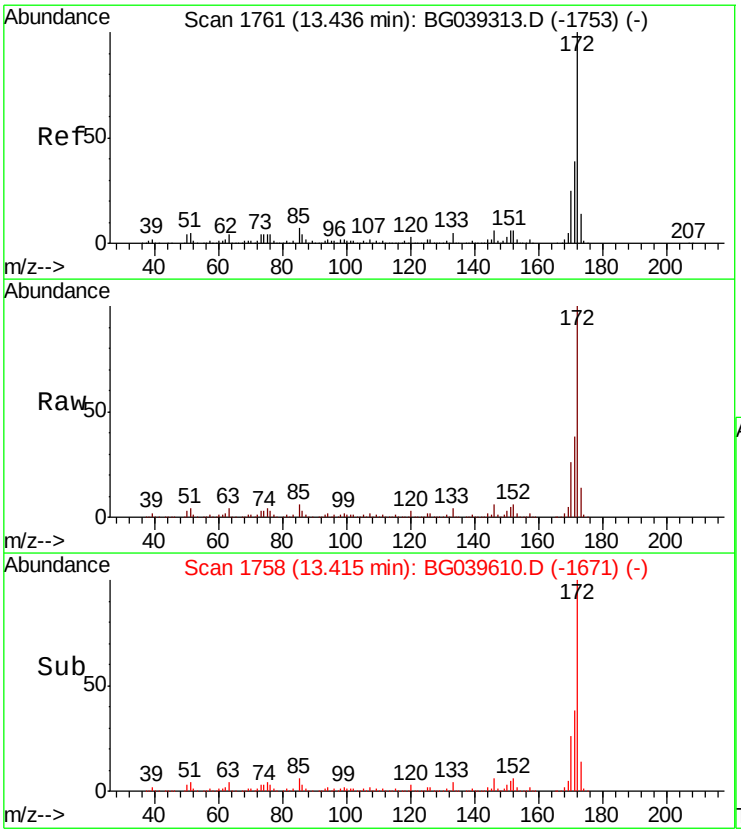
#42
2,4,6-Tribromophenol
Concen: 164.116 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion:330 Resp: 267084

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	41.1	35.6	53.4

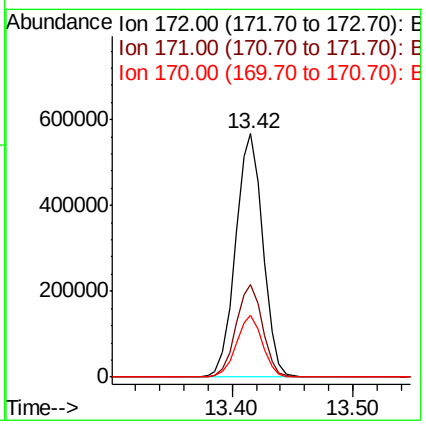


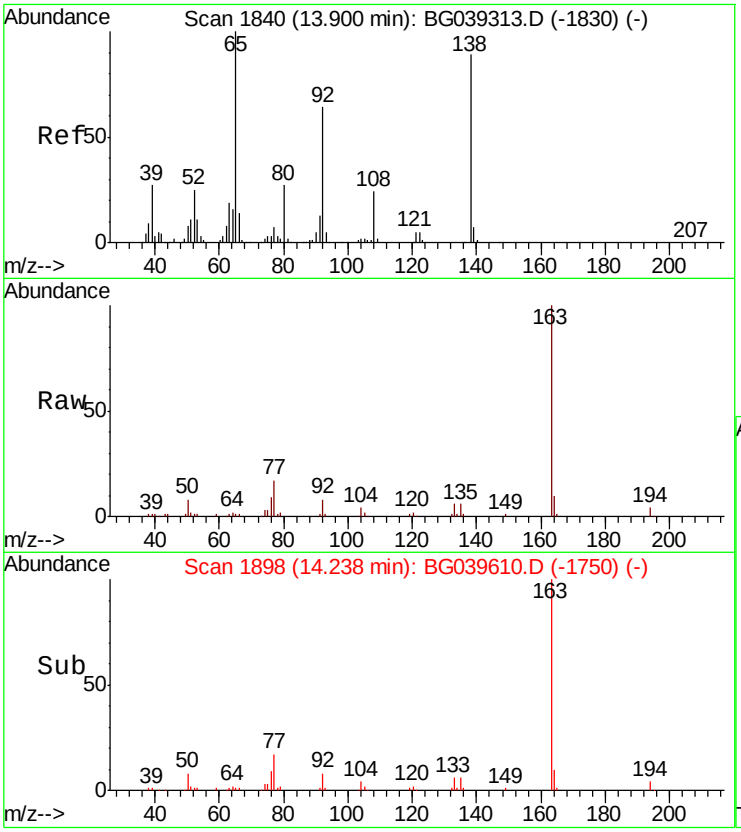


#45
2-Fluorobiphenyl
Concen: 84.827 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion:172 Resp: 893655

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.6	20.2	30.4



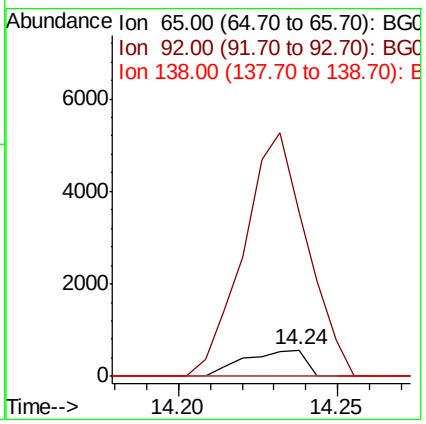


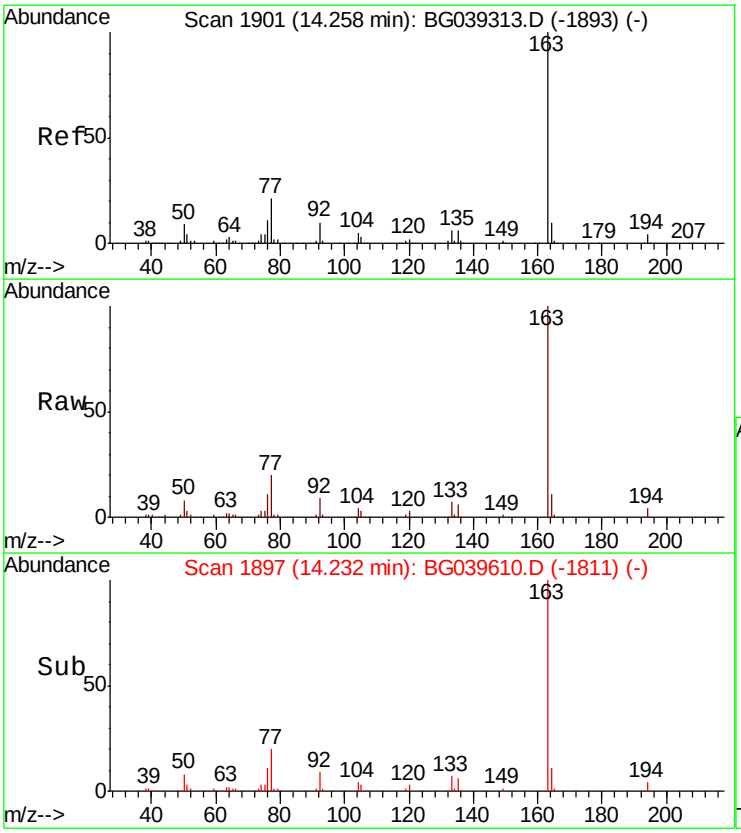
#48
2-Nitroaniline
Concen: 8.525 ng
RT: 14.24 min Scan# 1898
Delta R.T. 0.34 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion: 65 Resp: 750

Ion	Ratio	Lower	Upper
65	100		
92	630.0	51.4	77.2#
138	0.0	71.4	107.2#

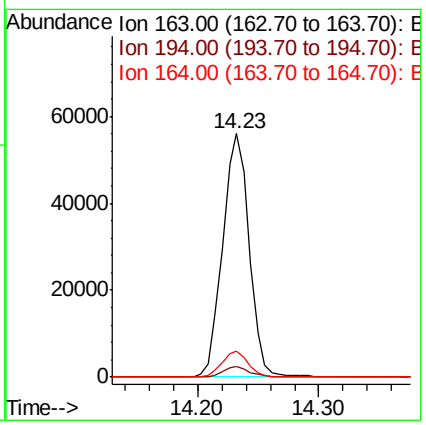


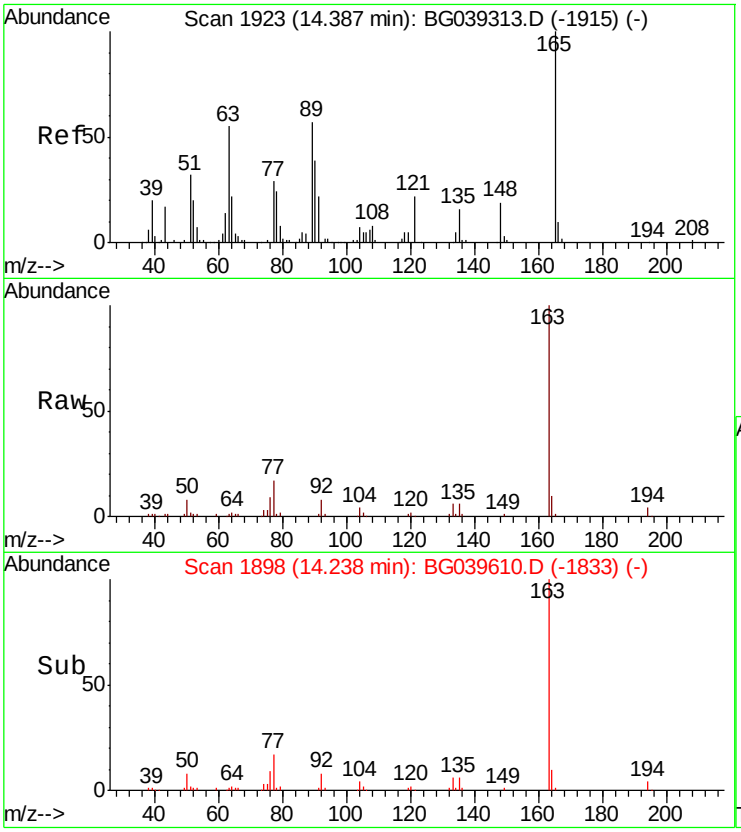


#50
Dimethylphthalate
Concen: 6.977 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion:163 Resp: 85166

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.6	8.4	12.6



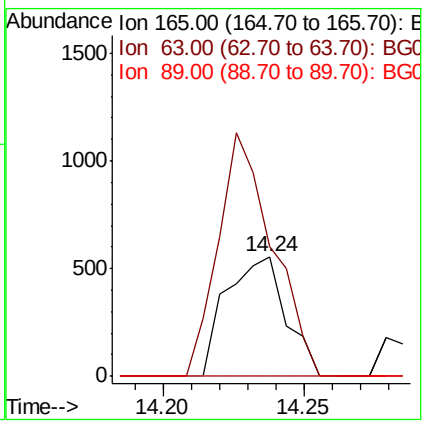


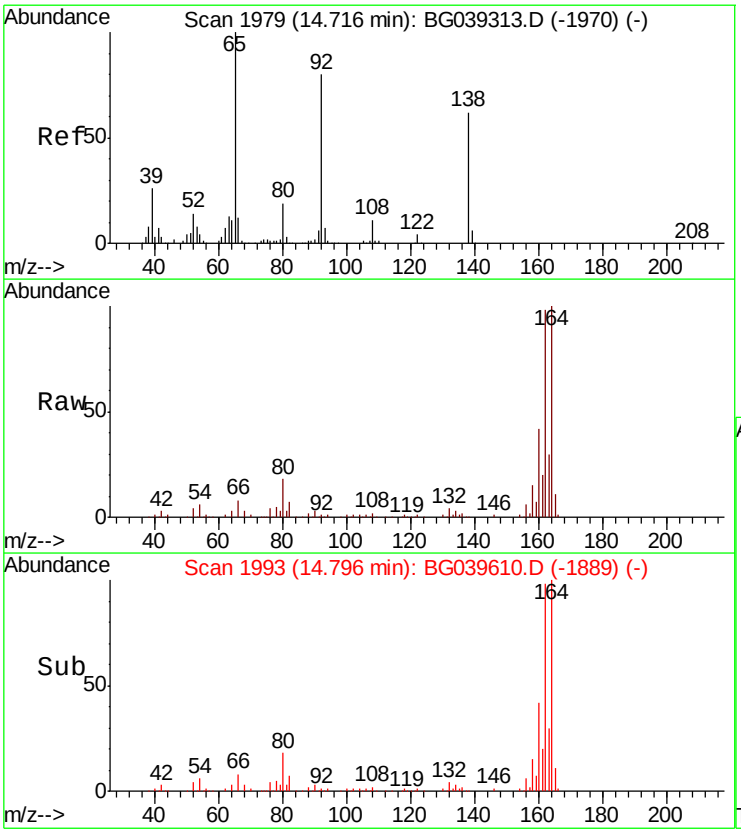
#51
2,6-Dinitrotoluene
Concen: 6.866 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.15 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion:165 Resp: 811

Ion	Ratio	Lower	Upper
165	100		
63	107.9	47.0	70.6#
89	0.0	45.8	68.8#

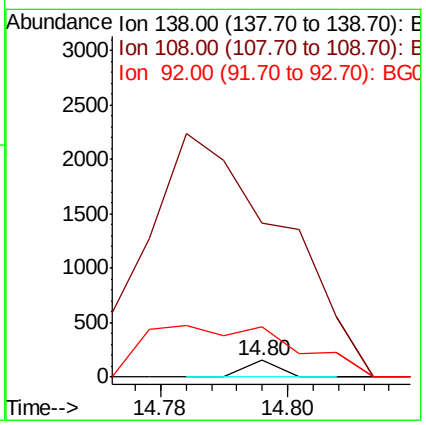


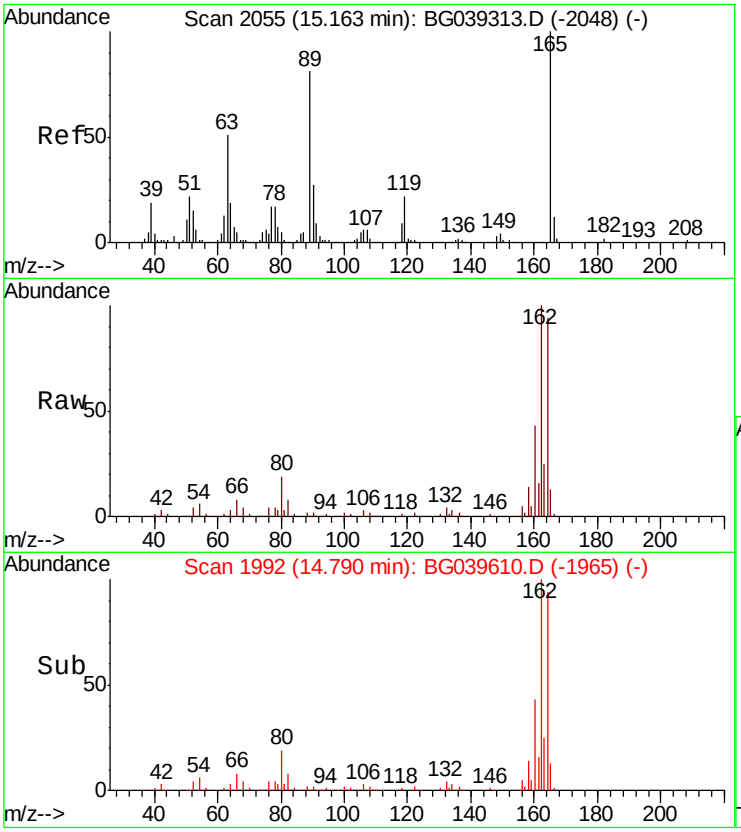


#53
3-Nitroaniline
Concen: 5.812 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.08 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
108	916.8	13.8	20.8#
92	300.0	103.7	155.5#



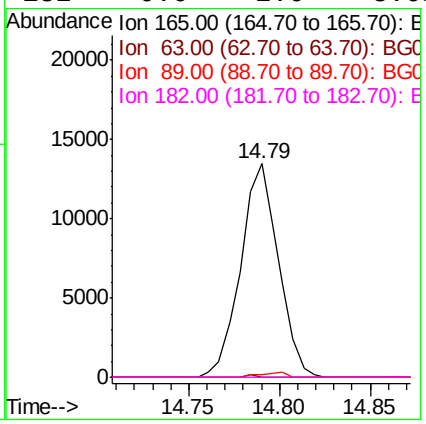


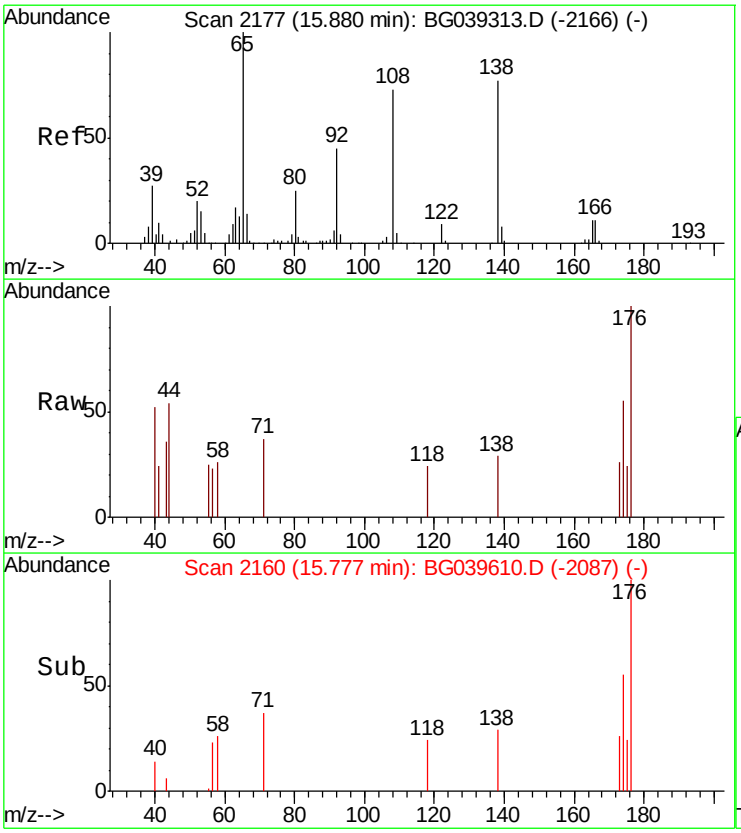
#57
2,4-Dinitrotoluene
Concen: 13.428 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion:165 Resp: 19561

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.3	64.6	96.8#
182	0.0	2.0	3.0#

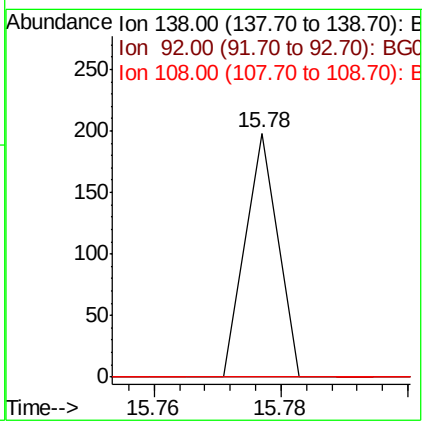


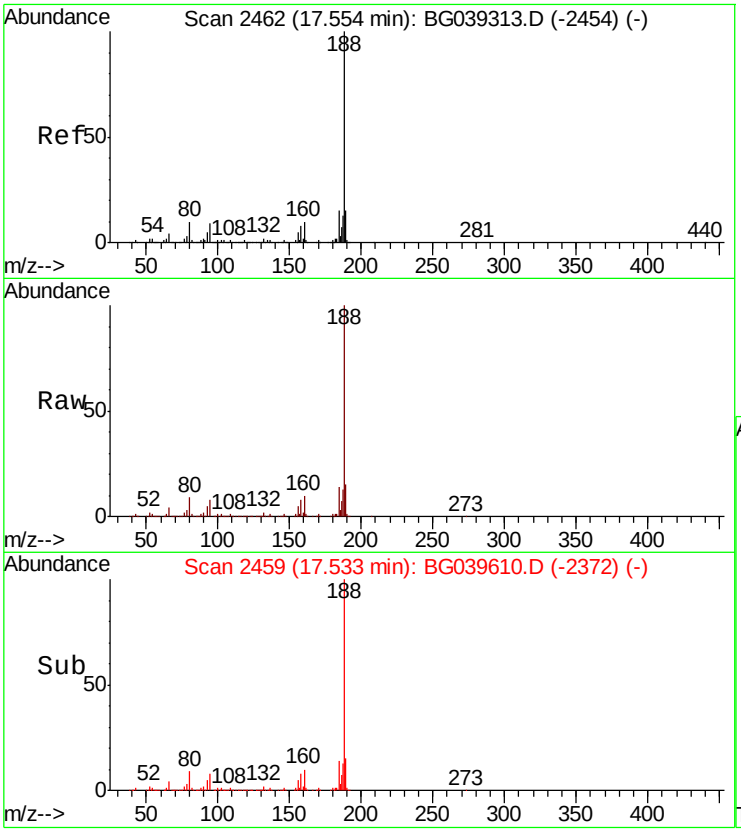


#62
4-Nitroaniline
Concen: 4.227 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.10 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion:138 Resp: 70

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	0.0	74.6	114.6#



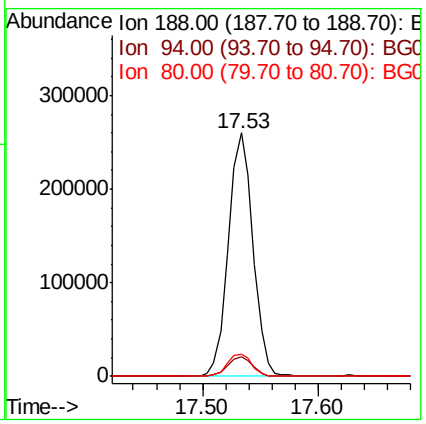


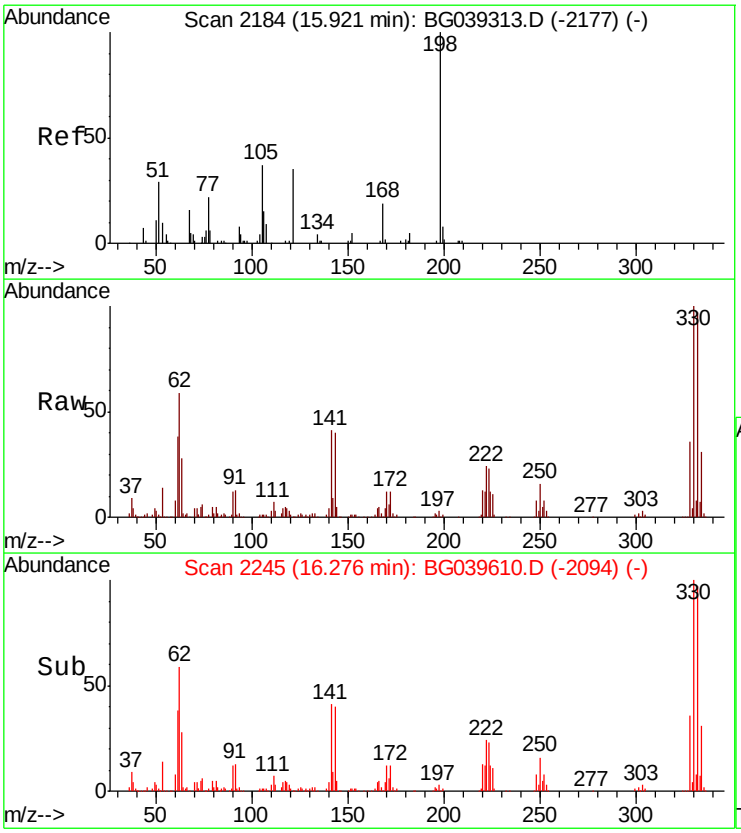
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion:188 Resp: 383400

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	8.9	8.1	12.1

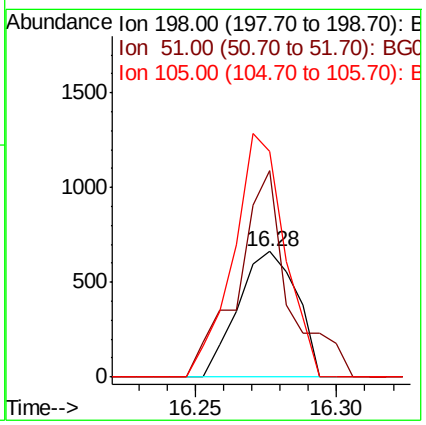


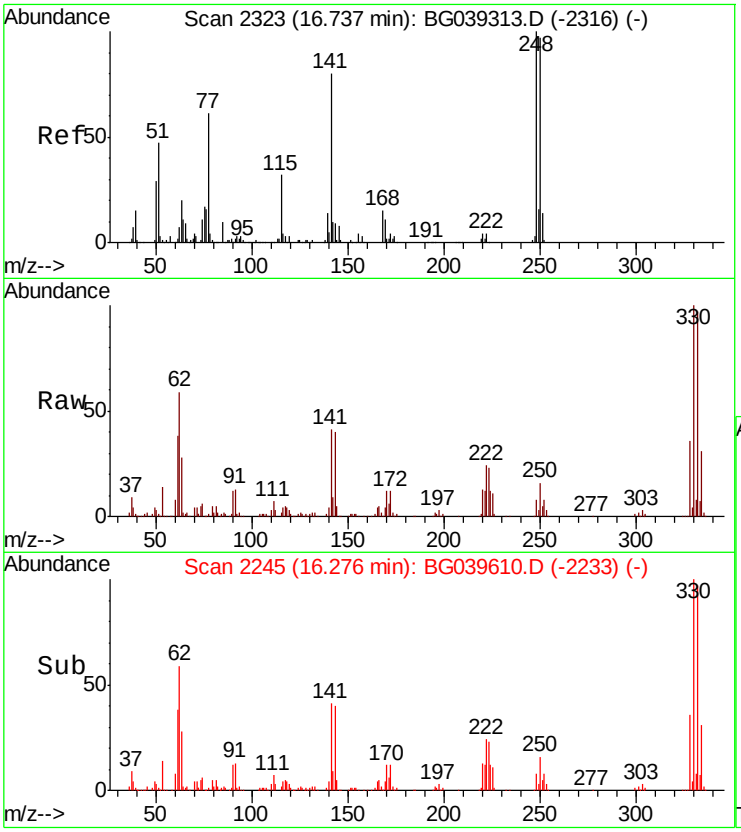


#65
4,6-Dinitro-2-methylphenol
Concen: 4.975 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion:198 Resp: 957

Ion	Ratio	Lower	Upper
198	100		
51	164.3	27.4	67.4#
105	180.0	19.7	59.7#



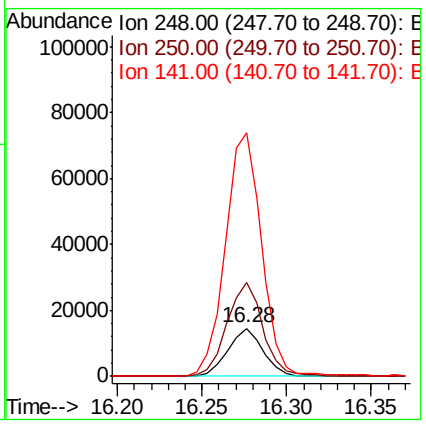


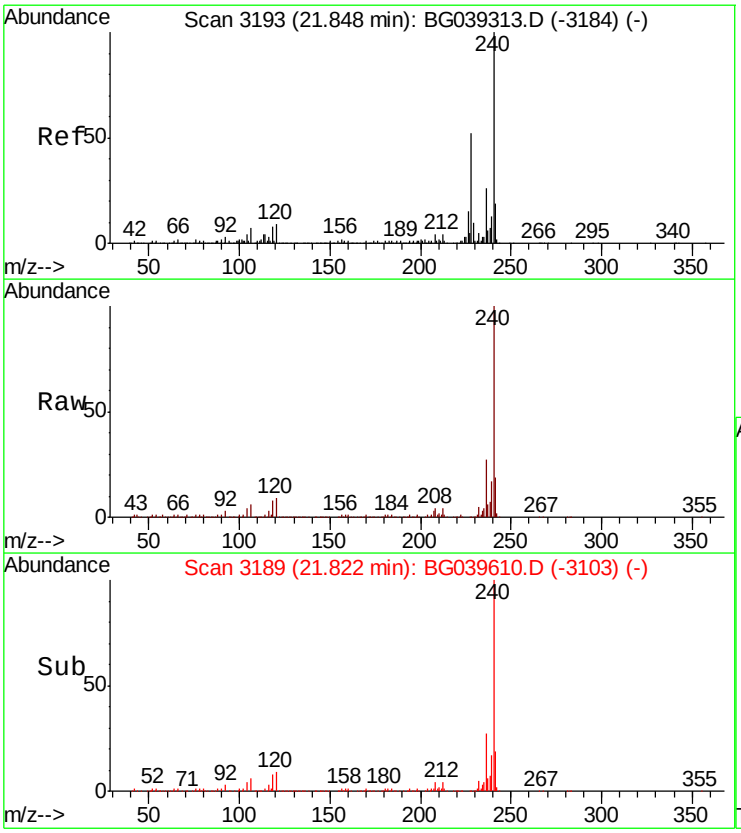
#67
4-Bromophenyl-phenylether
Concen: 4.931 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion:248 Resp: 20975

Ion	Ratio	Lower	Upper
248	100		
250	197.3	77.6	116.4#
141	508.7	63.9	95.9#

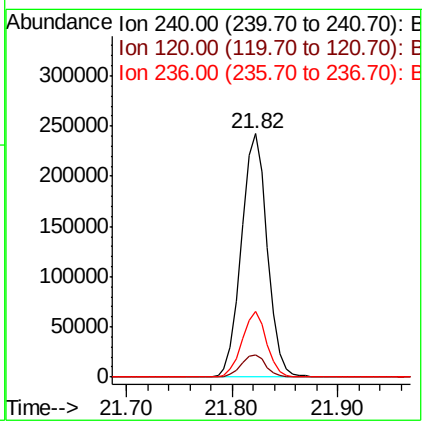


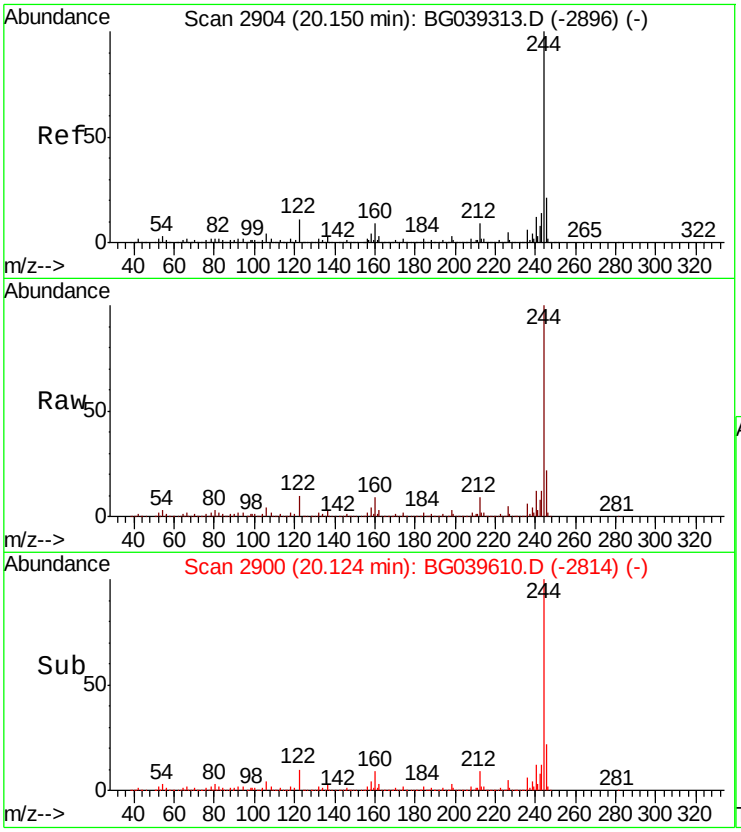


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion:240 Resp: 411850

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.0	10.6
236	27.0	21.0	31.4



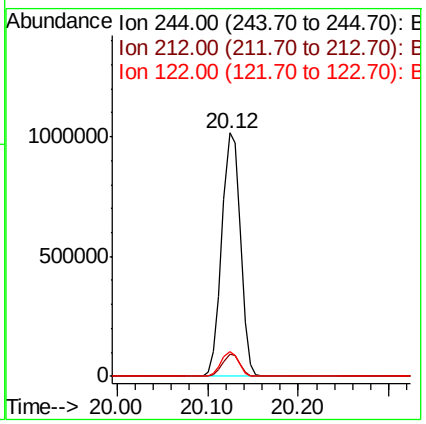


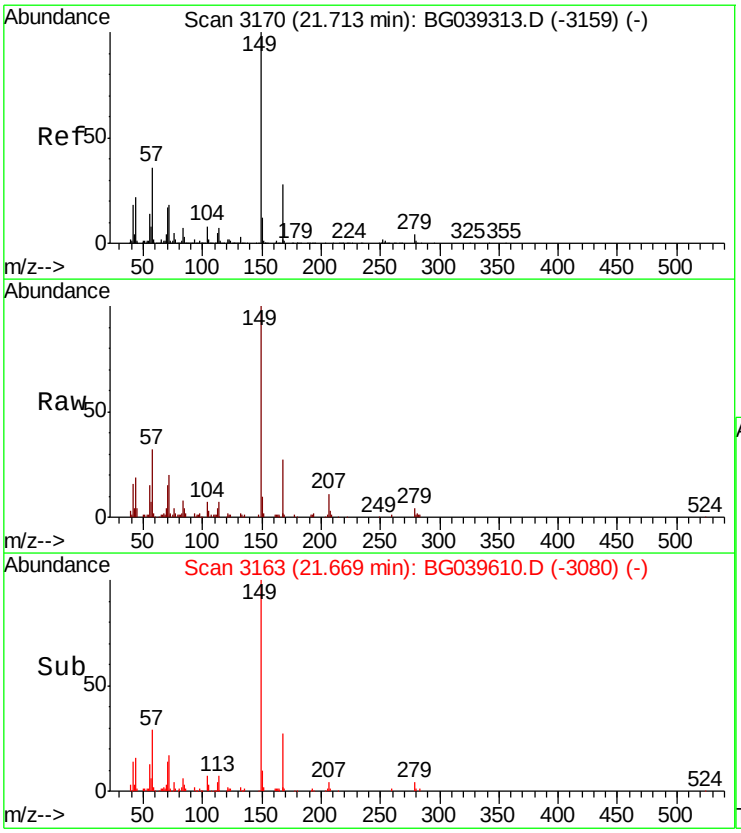
#79
Terphenyl-d14
Concen: 74.374 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion:244 Resp: 1447118

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	10.3	8.4	12.6

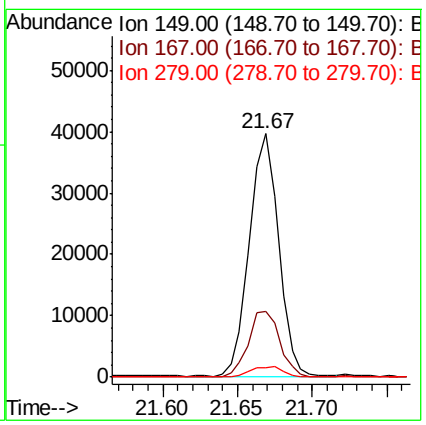


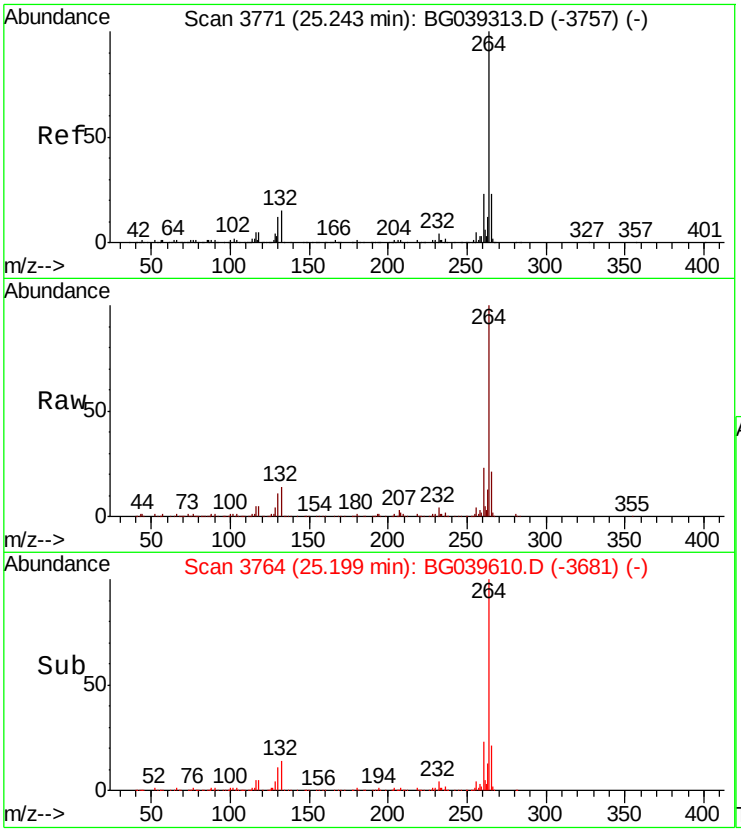


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.519 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion:149 Resp: 54299

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.6	34.0
279	4.0	3.5	5.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tgt Ion:264 Resp: 420838

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	20.6	18.5	27.7