Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021819\
Data File : BG039554.D
Acq On : 19 Feb 2019 00:36
Operator : JU/SJ
Sample : PB117191TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117191TB

Quant Time: Feb 19 01:12:17 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	46422	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	209414	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	149067	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	374795	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	388711	20.00	ng	-0.02
87) Perylene-d12	25.20	264	346567	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	406690	149.94	ng	0.00
7) Phenol-d6	7.31	99	600093	150.31	ng	0.00
23) Nitrobenzene-d5	9.35	82	337007	100.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	217202	135.31	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	878321	84.53	ng	-0.02
79) Terphenyl-d14	20.13	244	1455131	79.24	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1021	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	43073	15.200	ng	# 70
48) 2-Nitroaniline	14.13	65	63	8.316	ng	# 10
51) 2,6-Dinitrotoluene	14.79	165	19287	13.959	ng	# 25
57) 2,4-Dinitrotoluene	14.79	165	19287	13.426	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.28	198	889	4.935	ng	# 15
67) 4-Bromophenyl-phenylether	16.28	248	17178	4.131	ng	# 1

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

Quantitation Report (Not Reviewed)

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QLast Update : Tue Jan 29 15:41:51 2019
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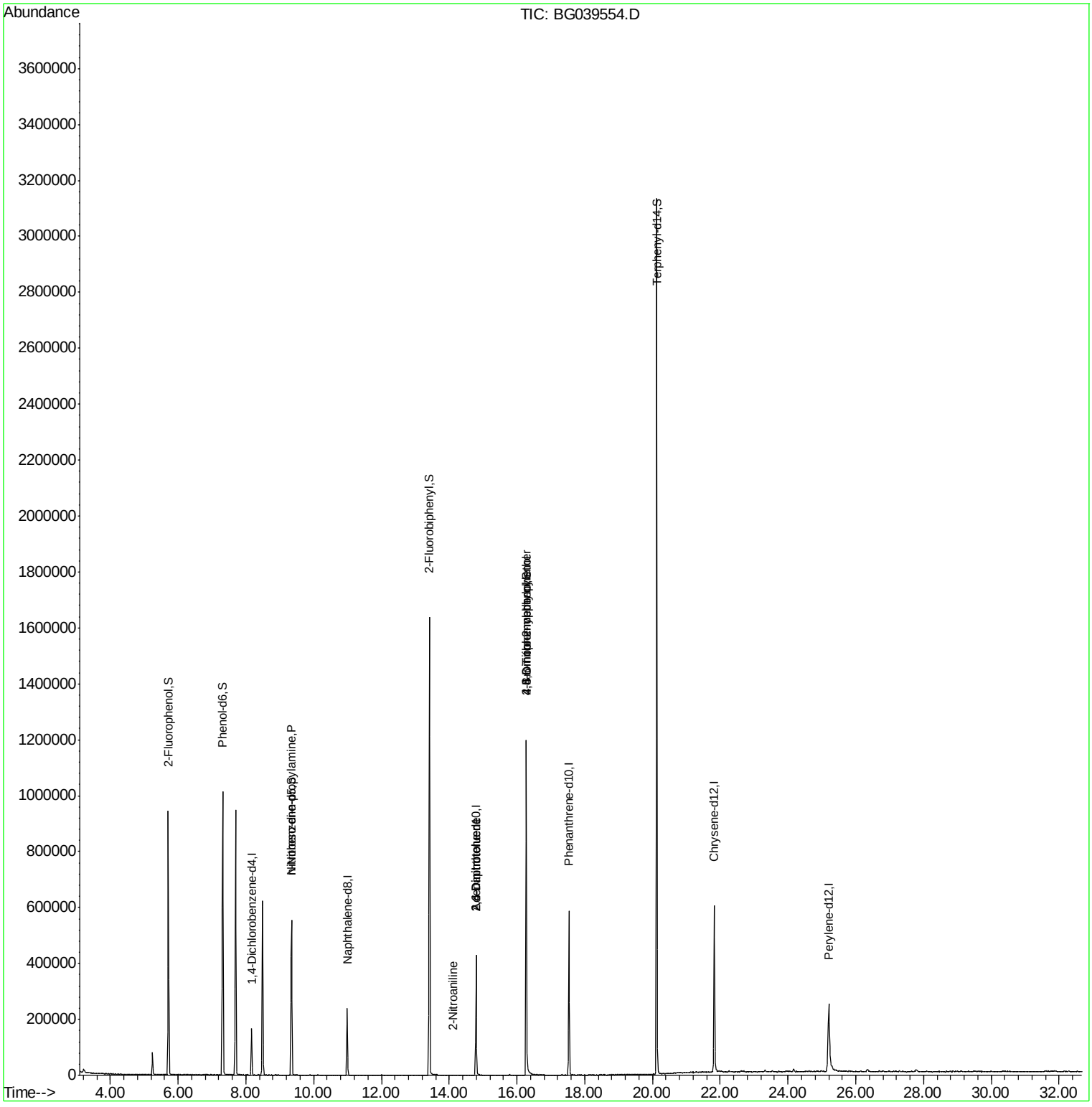
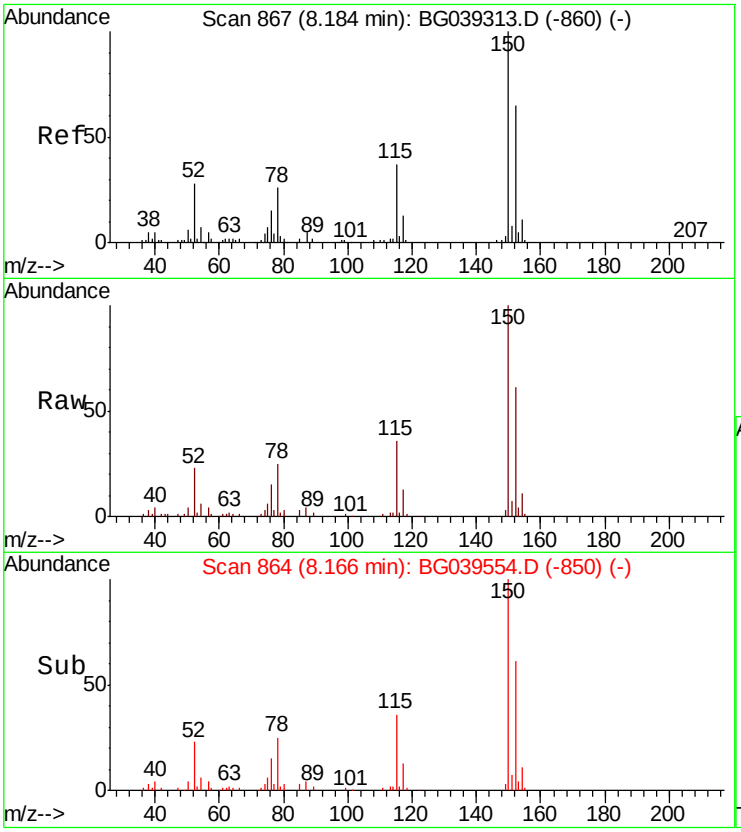


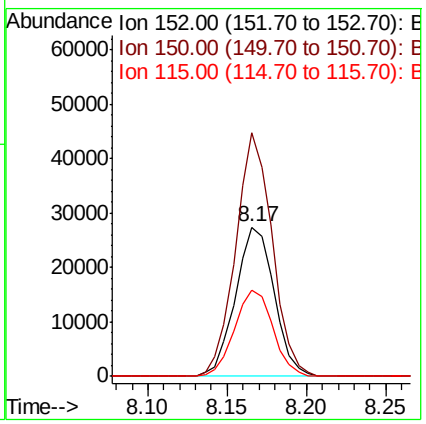


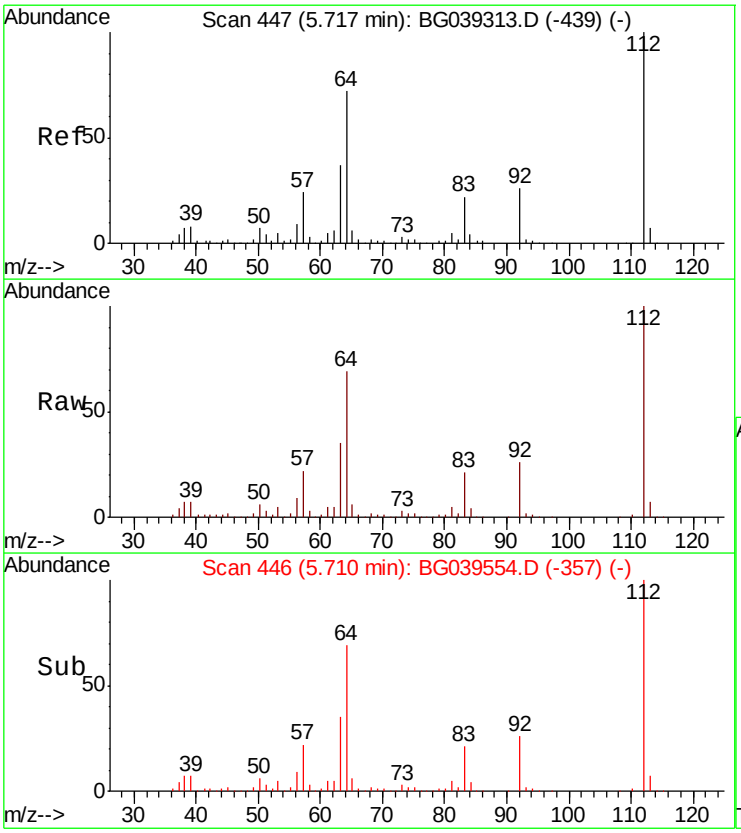
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
PB117191TB

Tgt Ion:152 Resp: 46422

Ion	Ratio	Lower	Upper
152	100		
150	163.0	123.7	185.5
115	57.9	45.9	68.9

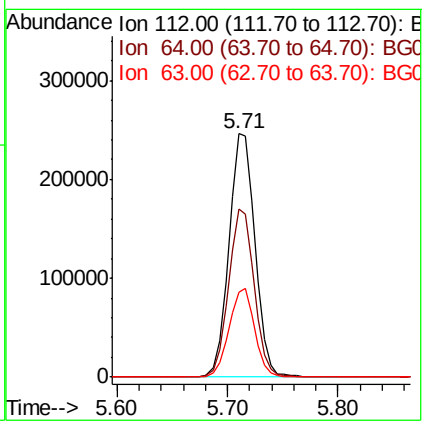


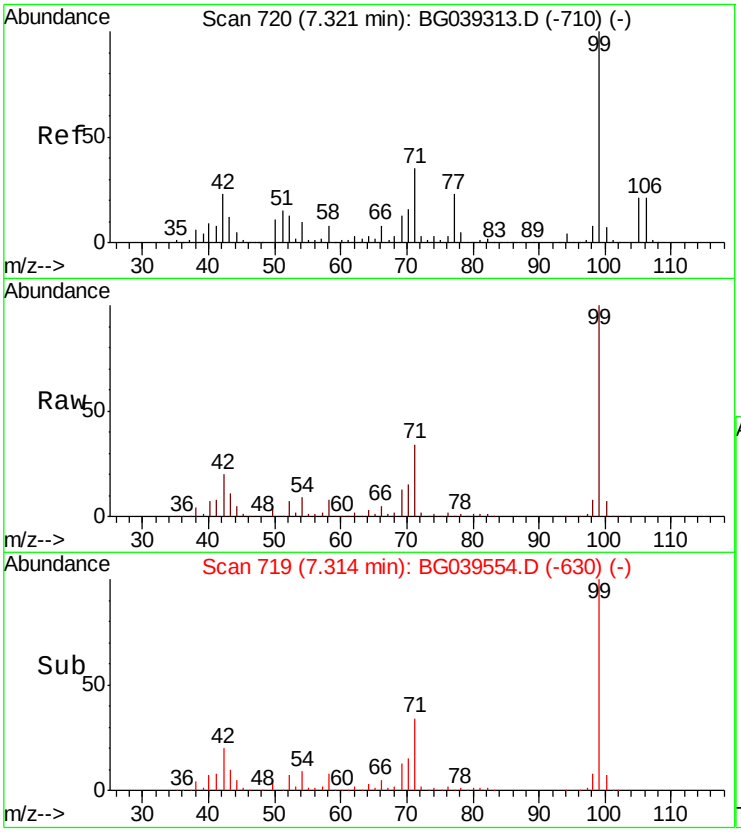


#5
2-Fluorophenol
Concen: 149.940 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Tgt Ion:112 Resp: 406690

Ion	Ratio	Lower	Upper
112	100		
64	68.8	57.8	86.8
63	34.9	29.8	44.6



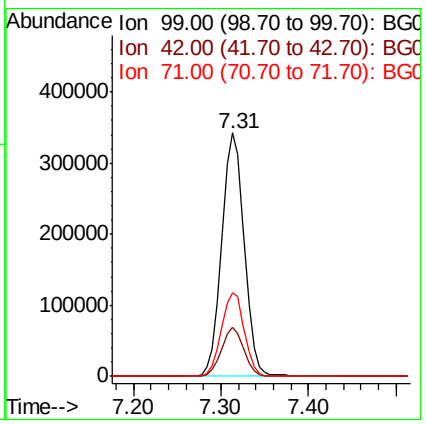


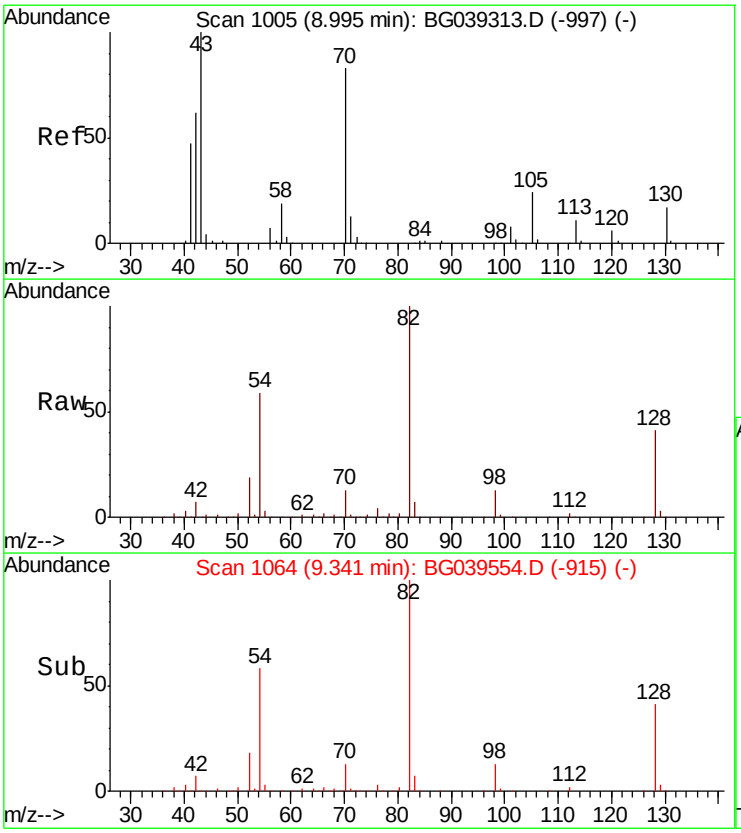
#7
Phenol-d6
Concen: 150.305 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
PB117191TB

Tgt Ion: 99 Resp: 600093

Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.2	27.2
71	34.5	28.0	42.0

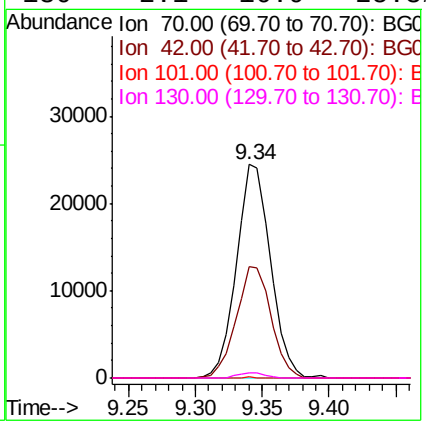


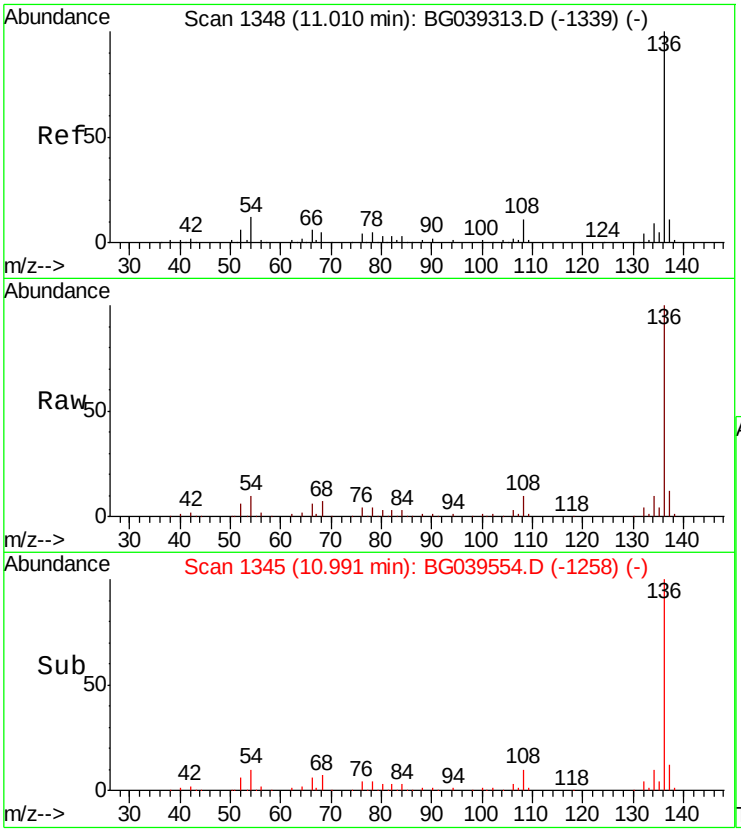


#19
n-Nitroso-di-n-propylamine
Concen: 15.200 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.35 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Tgt Ion: 70 Resp: 43073

Ion	Ratio	Lower	Upper
70	100		
42	52.0	60.4	90.6#
101	0.6	7.5	11.3#
130	2.1	16.9	25.3#



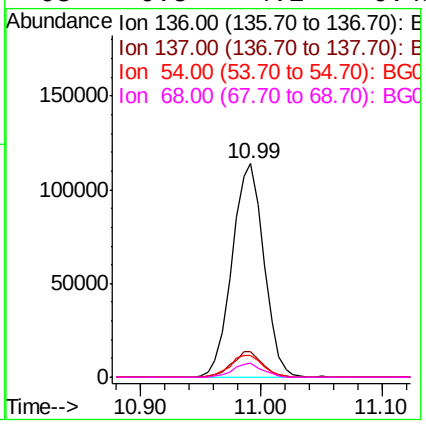


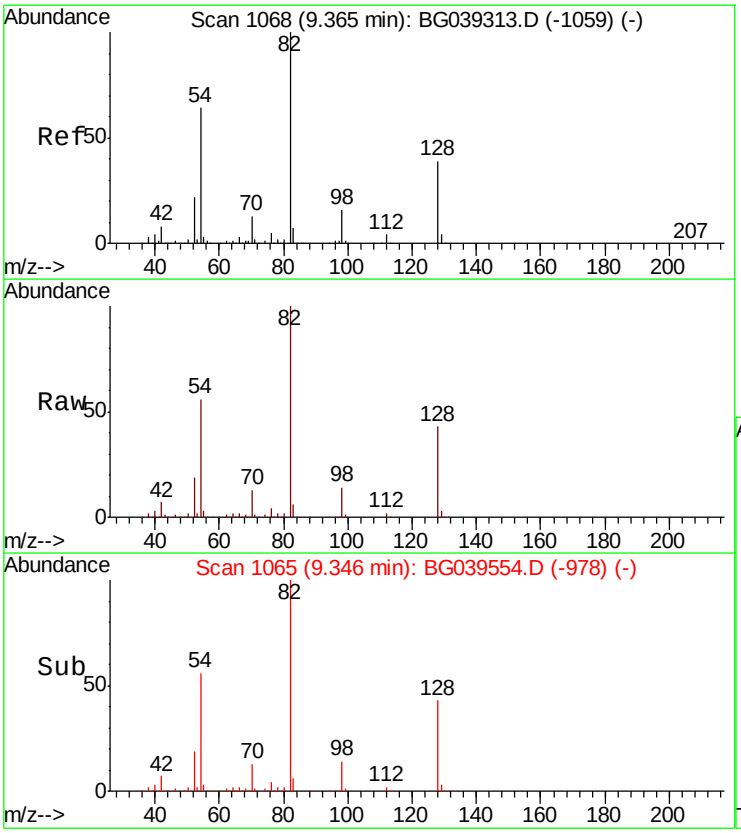
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
PB117191TB

Tgt Ion:136 Resp: 209414

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.5	9.4	14.2
68	6.5	4.2	6.4#

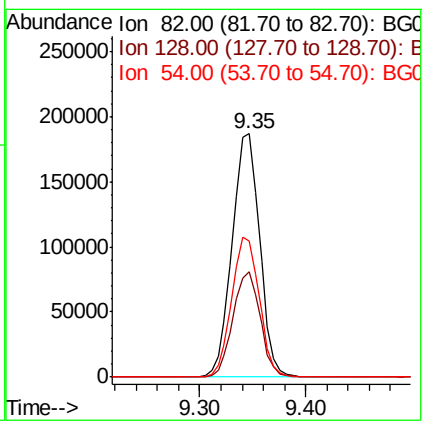


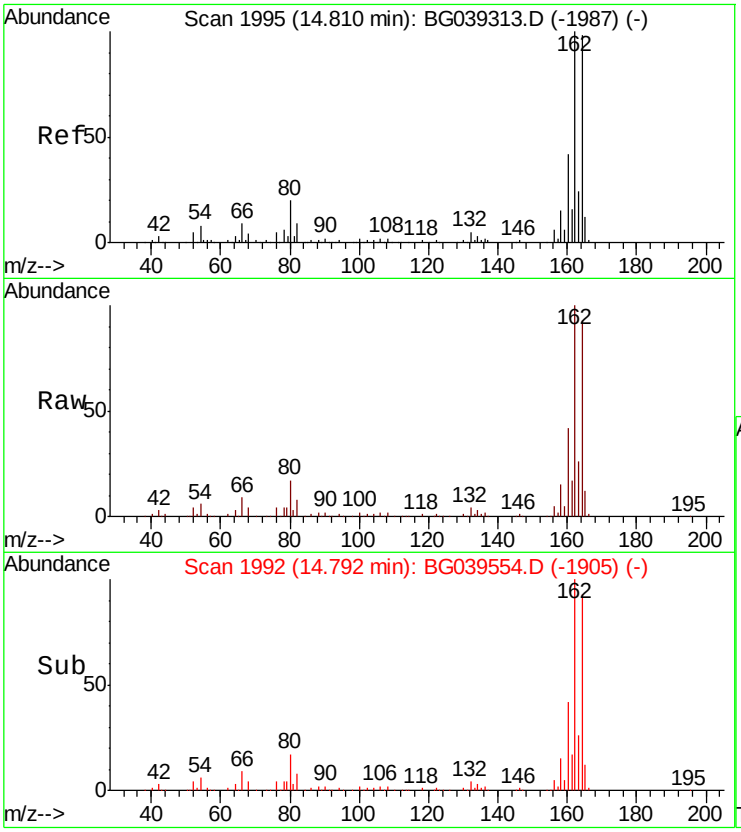


#23
Nitrobenzene-d5
Concen: 100.535 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Tgt Ion: 82 Resp: 337007

Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	56.1	50.9	76.3



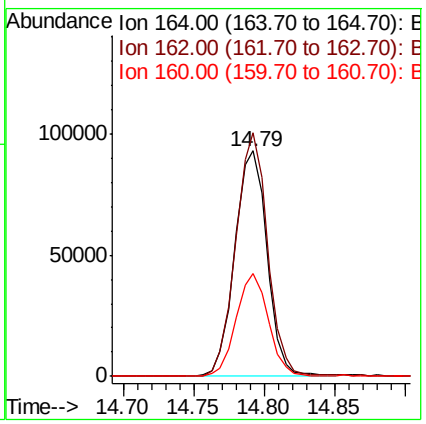


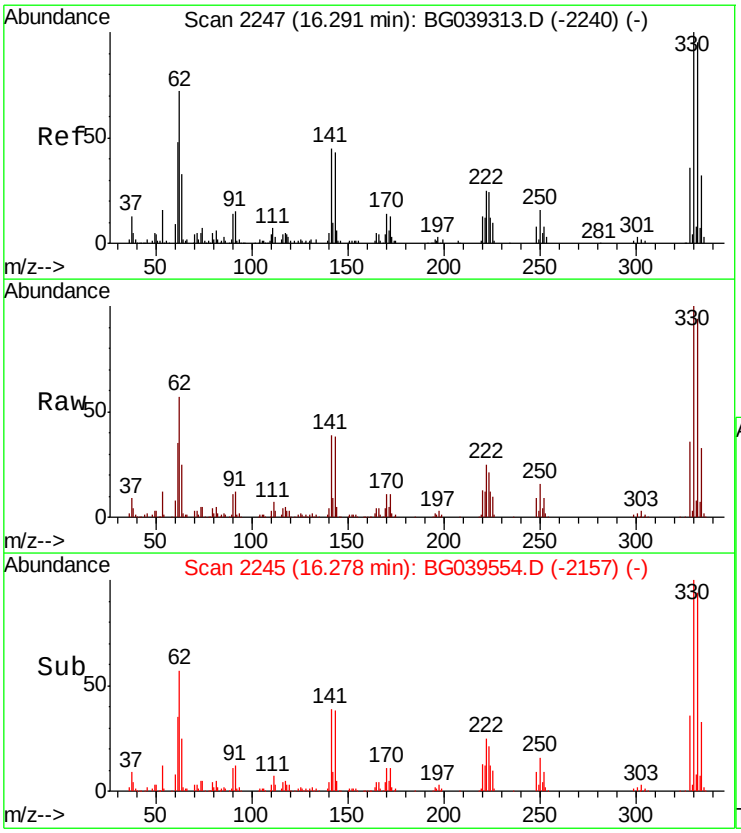
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
PB117191TB

Tgt Ion:164 Resp: 149067

Ion	Ratio	Lower	Upper
164	100		
162	107.9	81.6	122.4
160	45.9	34.2	51.2

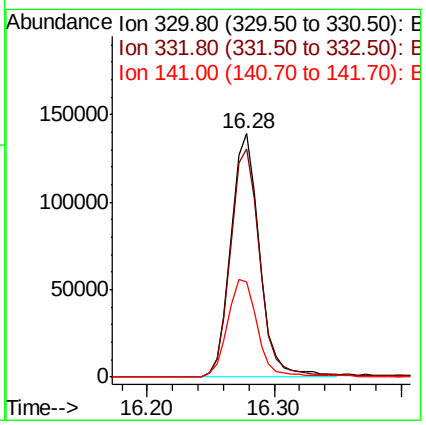


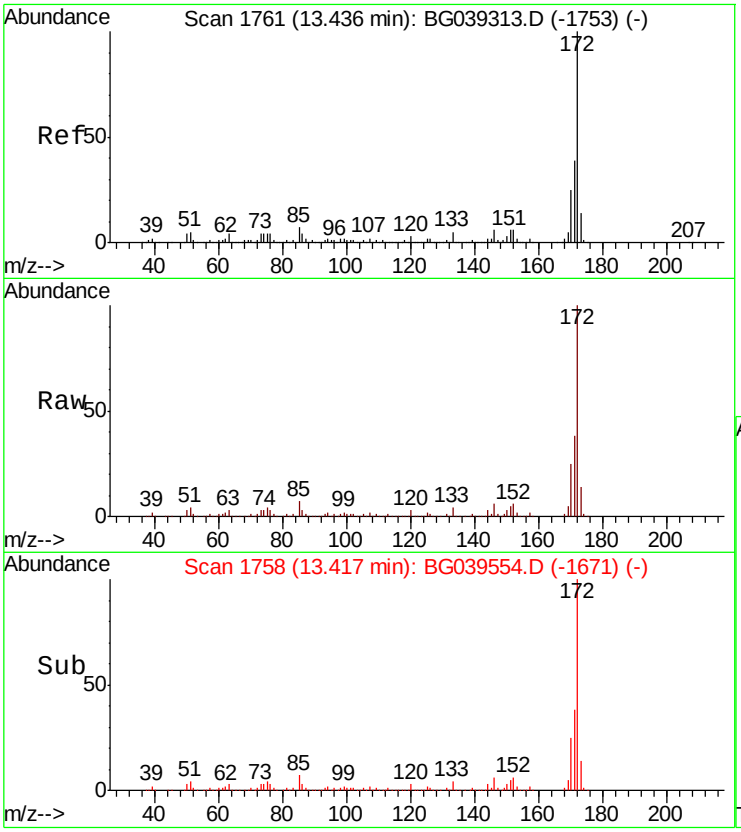


#42
2,4,6-Tribromophenol
Concen: 135.312 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Tgt Ion:330 Resp: 217202

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.7	113.5
141	41.5	35.6	53.4



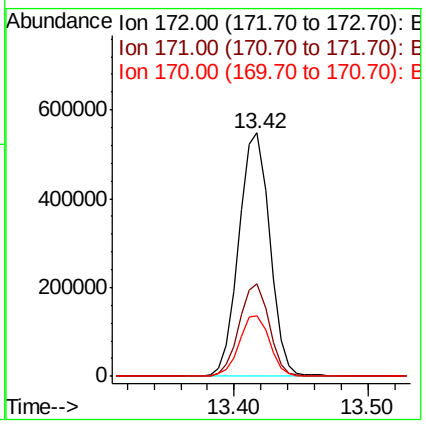


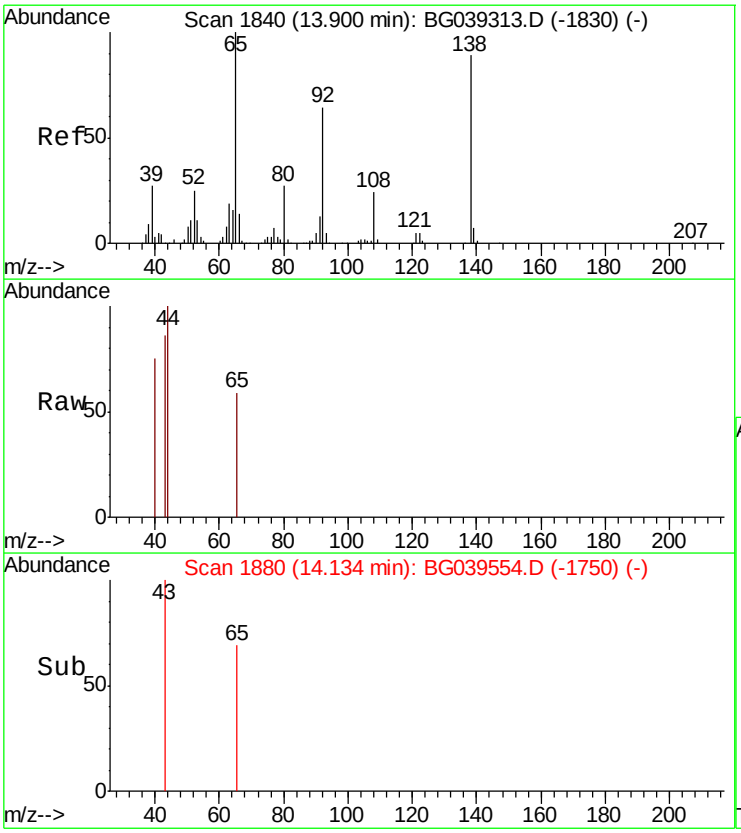
#45
2-Fluorobiphenyl
Concen: 84.525 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
PB117191TB

Tgt Ion:172 Resp: 878321

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.0	20.2	30.4

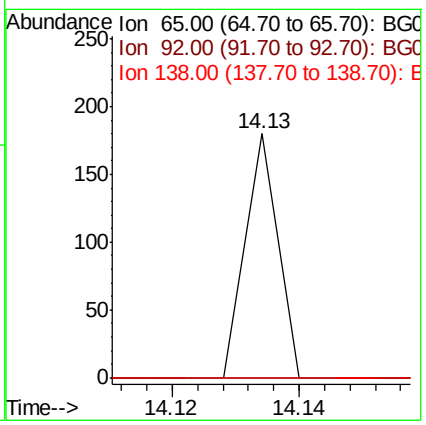


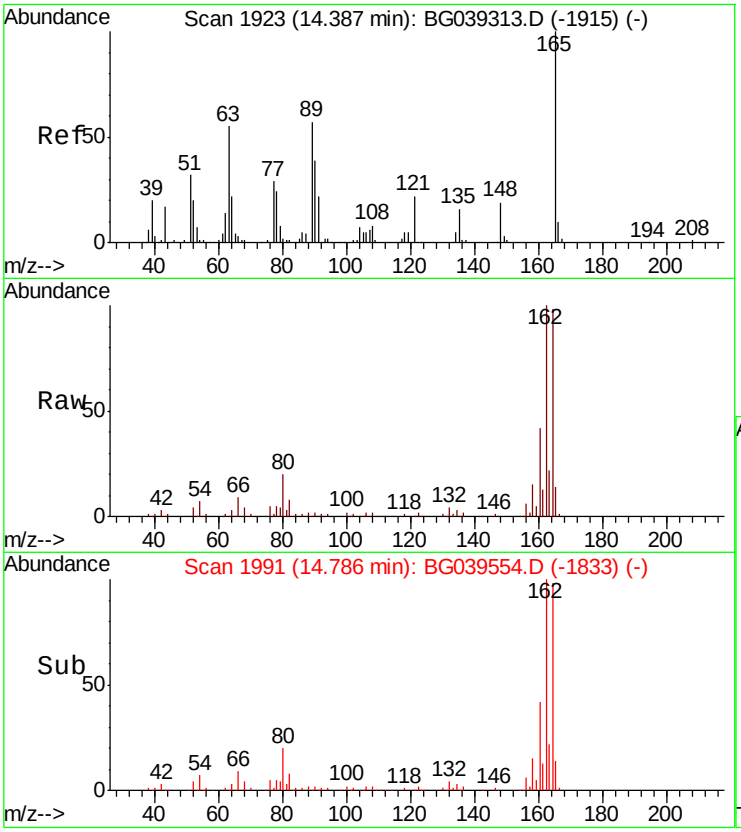


#48
2-Nitroaniline
Concen: 8.316 ng
RT: 14.13 min Scan# 1880
Delta R.T. 0.24 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Tgt Ion: 65 Resp: 63

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



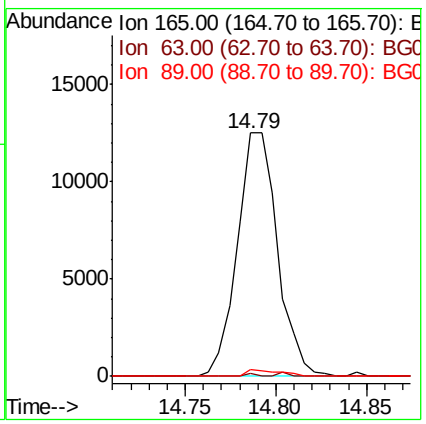


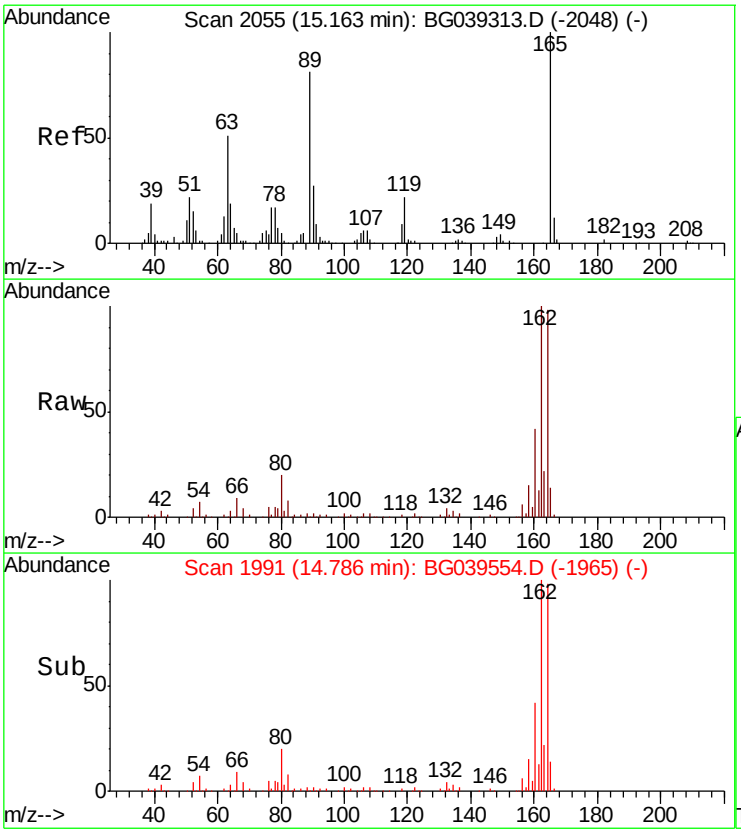
#51
2,6-Dinitrotoluene
Concen: 13.959 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.40 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
PB117191TB

Tgt Ion:165 Resp: 19287

Ion	Ratio	Lower	Upper
165	100		
63	1.3	47.0	70.6#
89	2.8	45.8	68.8#

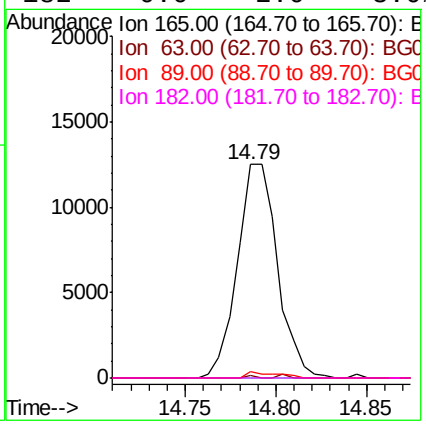


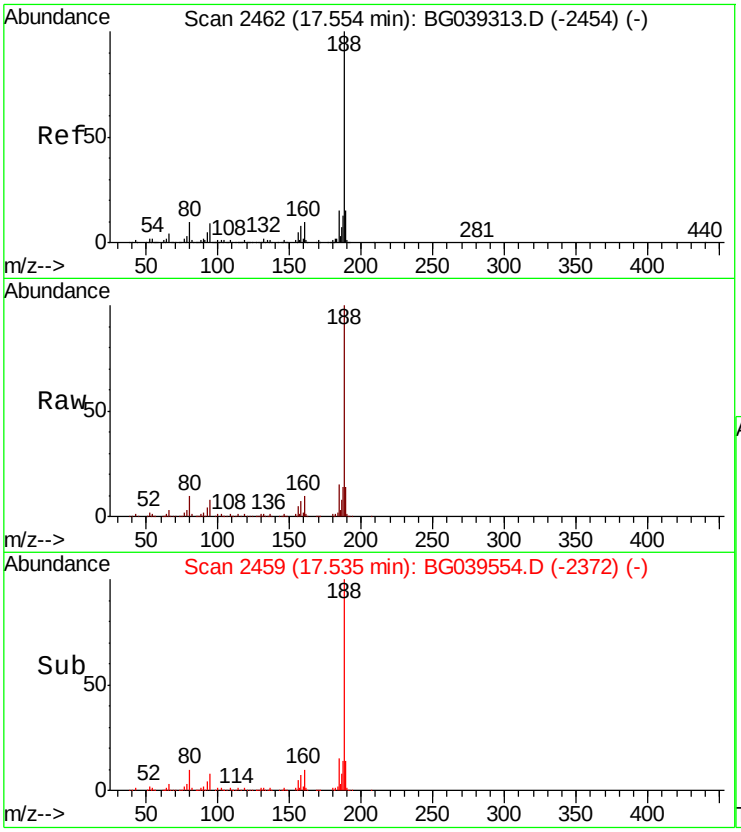


#57
2,4-Dinitrotoluene
Concen: 13.426 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.38 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Tgt Ion:165 Resp: 19287

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.0	61.6#
89	2.8	64.6	96.8#
182	0.0	2.0	3.0#



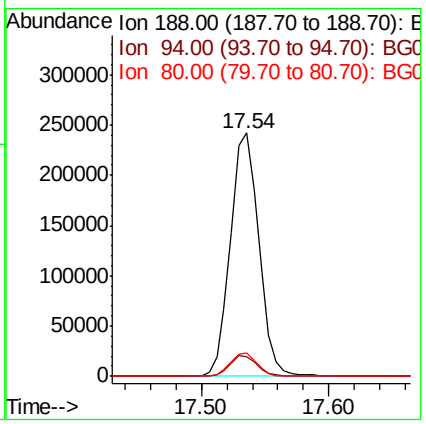


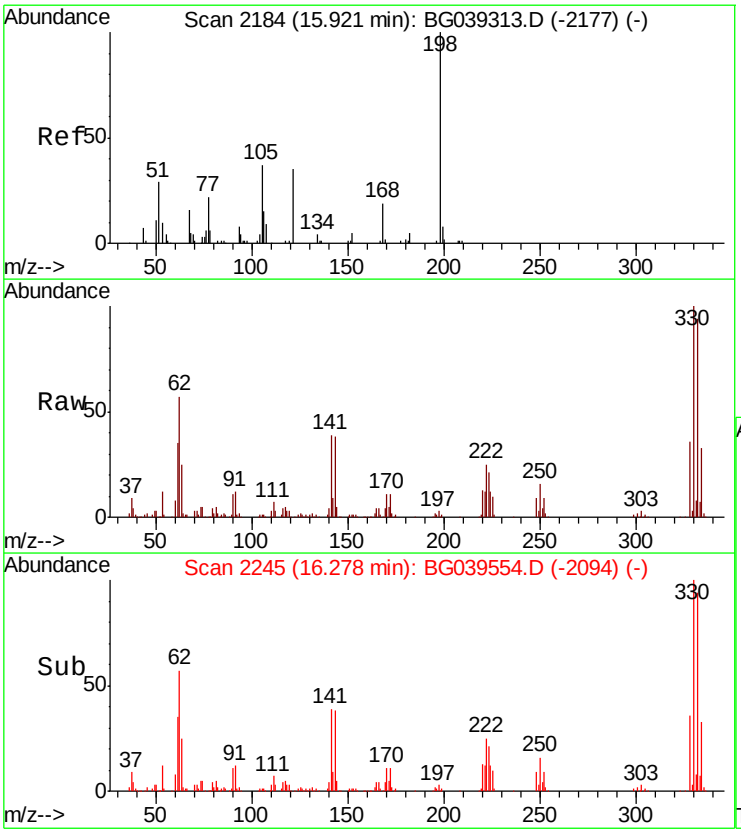
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
PB117191TB

Tgt Ion:188 Resp: 374795

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.6	8.1	12.1

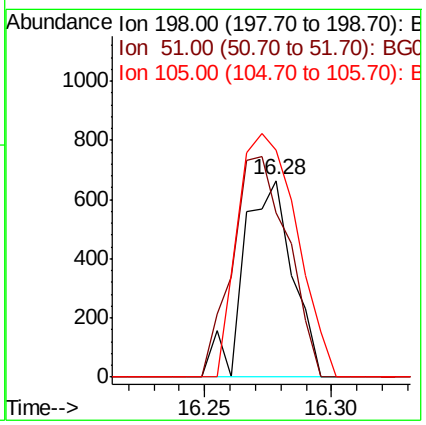


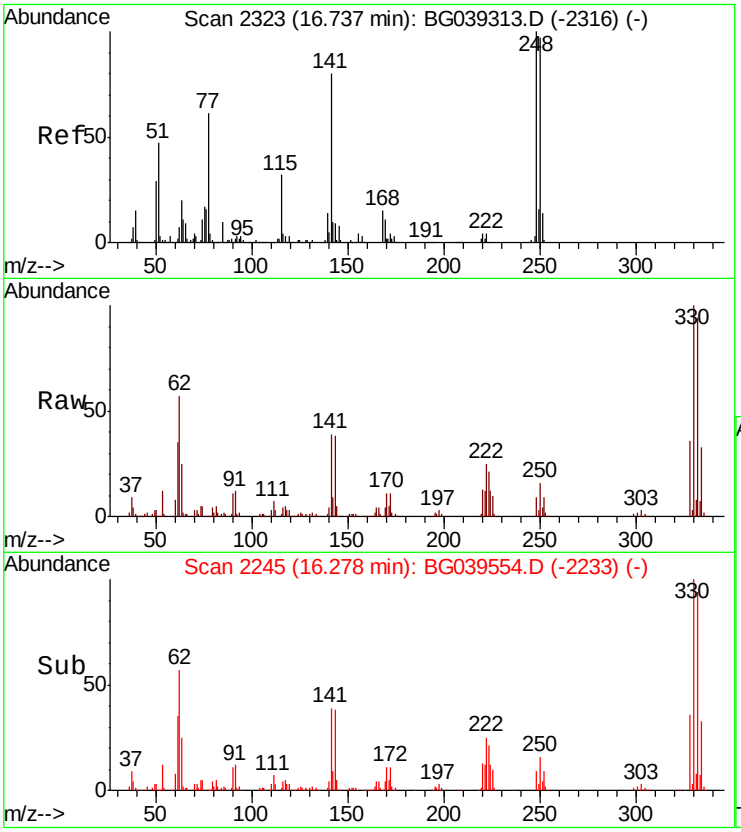


#65
4,6-Dinitro-2-methylphenol
Concen: 4.935 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Tgt Ion:198 Resp: 889

Ion	Ratio	Lower	Upper
198	100		
51	83.6	27.4	67.4#
105	115.2	19.7	59.7#



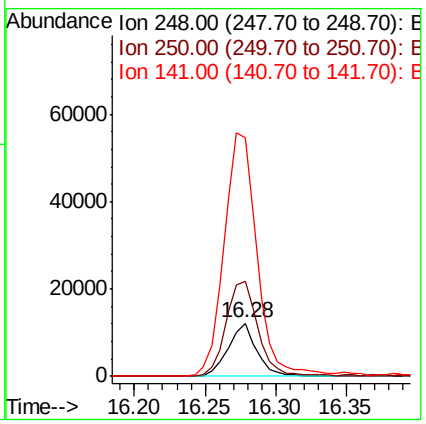


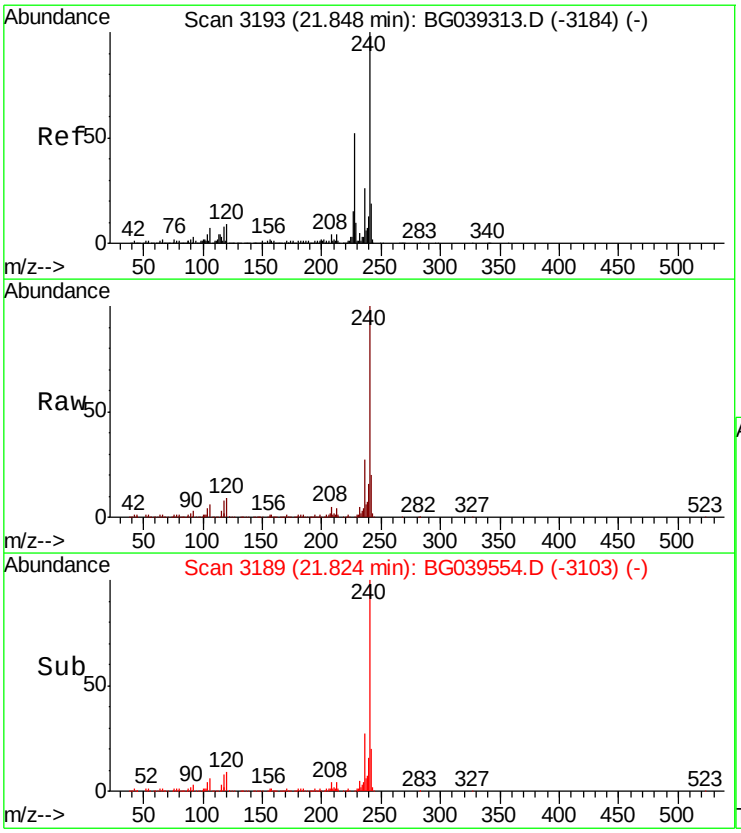
#67
4-Bromophenyl-phenylether
Concen: 4.131 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
PB117191TB

Tgt Ion:248 Resp: 17178

Ion	Ratio	Lower	Upper
248	100		
250	180.2	77.6	116.4#
141	450.1	63.9	95.9#

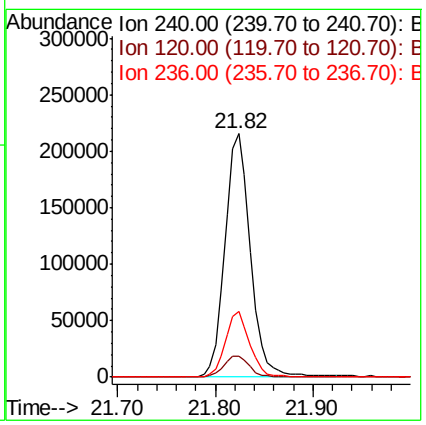


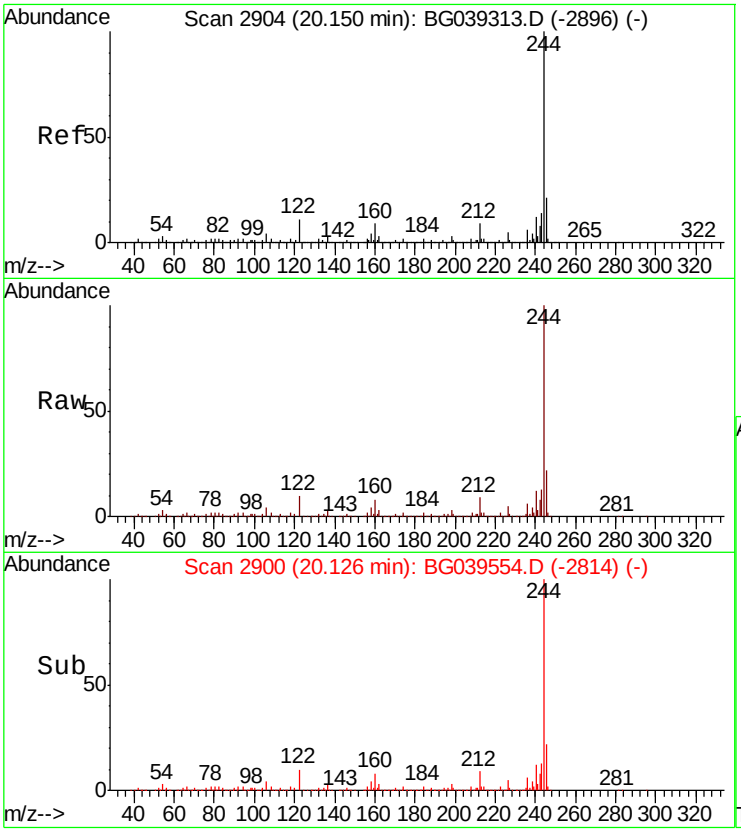


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.02 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Tgt Ion:240 Resp: 388711

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.8	21.0	31.4



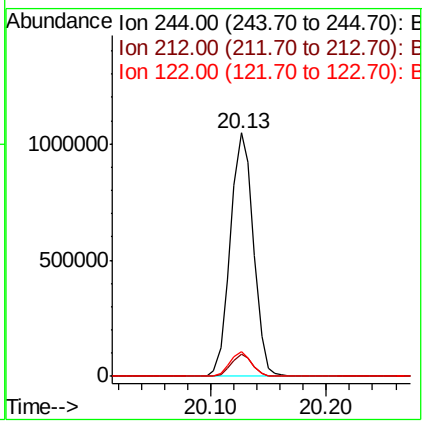


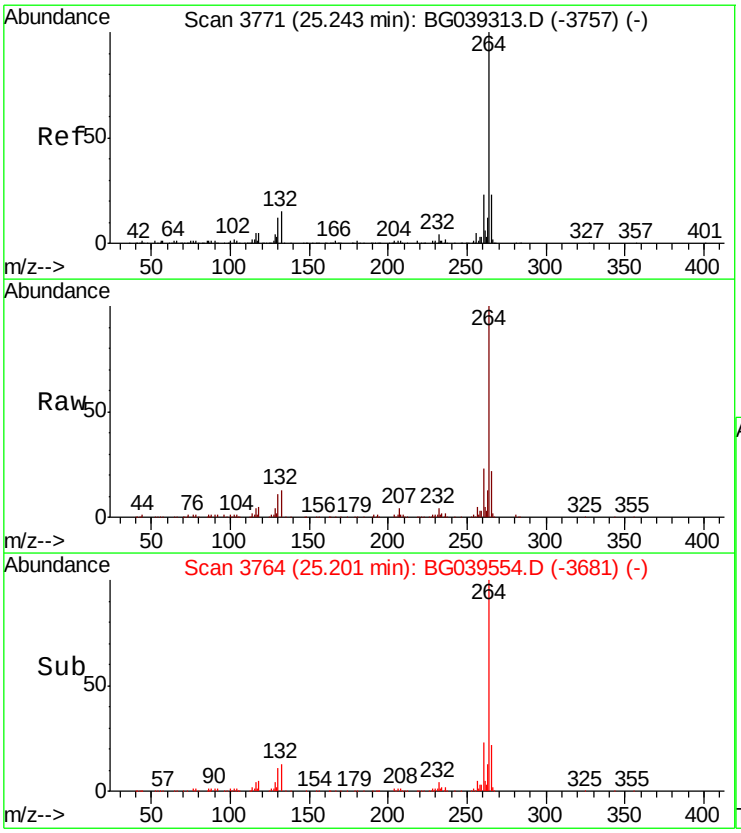
#79
Terphenyl-d14
Concen: 79.238 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.02 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
PB117191TB

Tgt Ion:244 Resp: 1455131

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039554.D
Acq: 19 Feb 2019 00:36

Tgt Ion:264 Resp: 346567

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.5	18.5	27.7