Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039413.D
Acq On : 8 Feb 2019 12:01
Operator : JU/SJ
Sample : PB116922TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116922TB

Quant Time: Feb 08 13:16:52 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	8.18	152	45560	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	206493	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	136455	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	336429	20.00	ng	0.00
76) Chrysene-d12	21.83	240	376342	20.00	ng	-0.01
87) Perylene-d12	25.22	264	364322	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	428284	160.89	ng	0.00
7) Phenol-d6	7.31	99	608234	155.23	ng	0.00
23) Nitrobenzene-d5	9.35	82	338039	102.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	114319	77.80	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	870279	91.49	ng	0.00
79) Terphenyl-d14	20.14	244	1455288	81.85	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	1235	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	44111	15.86	ng	# 70
48) 2-Nitroaniline	13.43	65	1586	8.83	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	18177	14.18	ng	# 25
56) 4-Nitrophenol	14.87	139	92	5.84	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	18177	13.59	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.29	198	299	4.46	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	8591	2.30	ng	# 1
77) Benzidine	20.14	184	25833	2.09	ng	# 94

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

Quantitation Report (Not Reviewed)

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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
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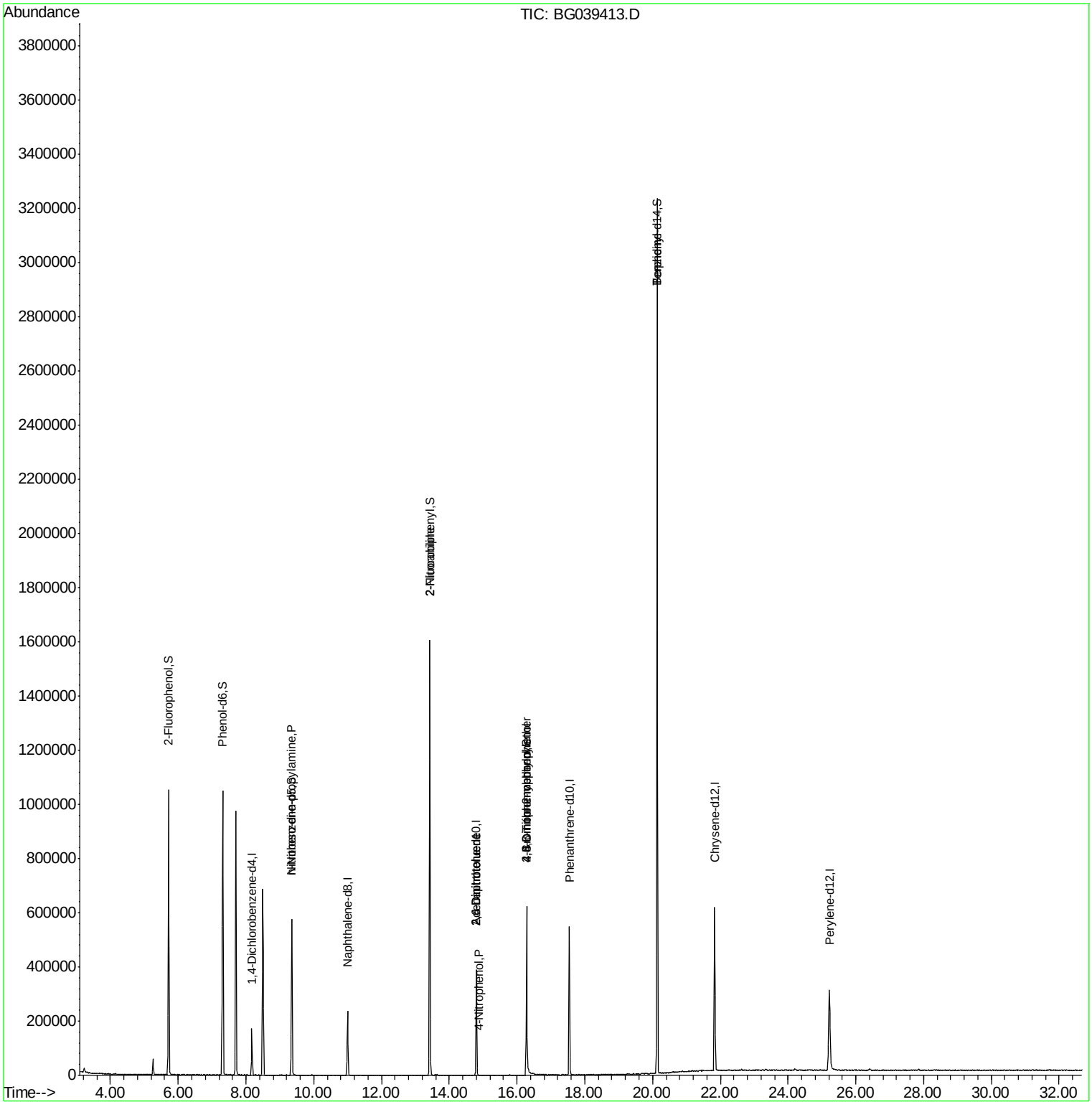
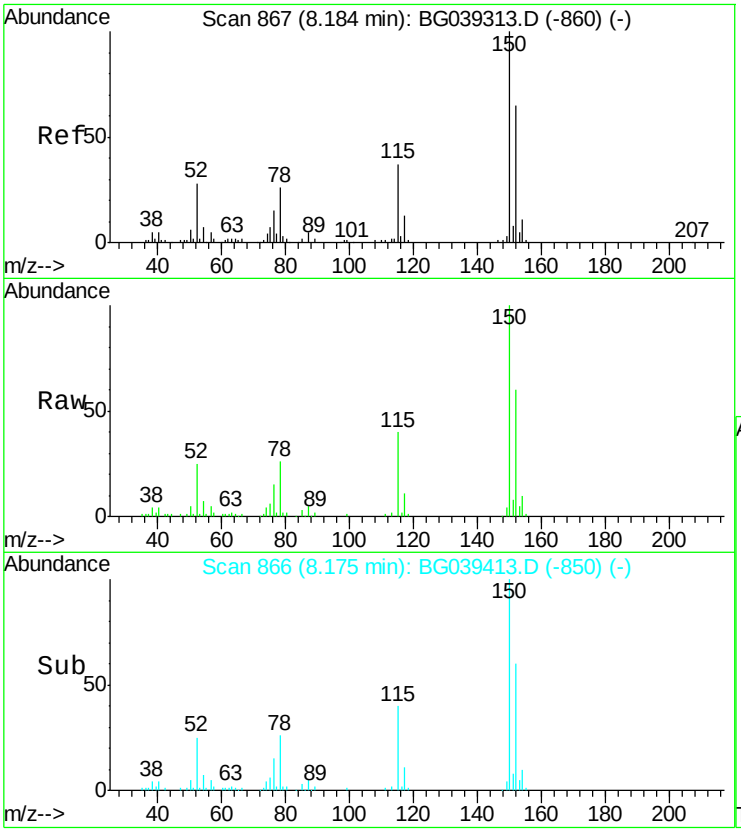


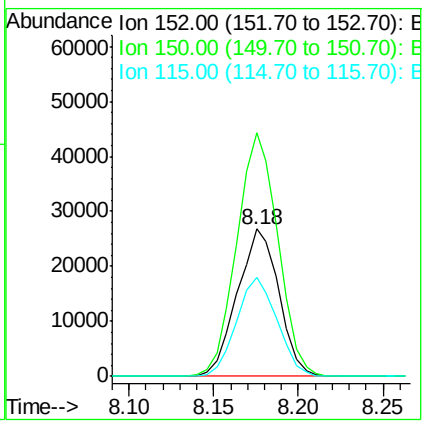


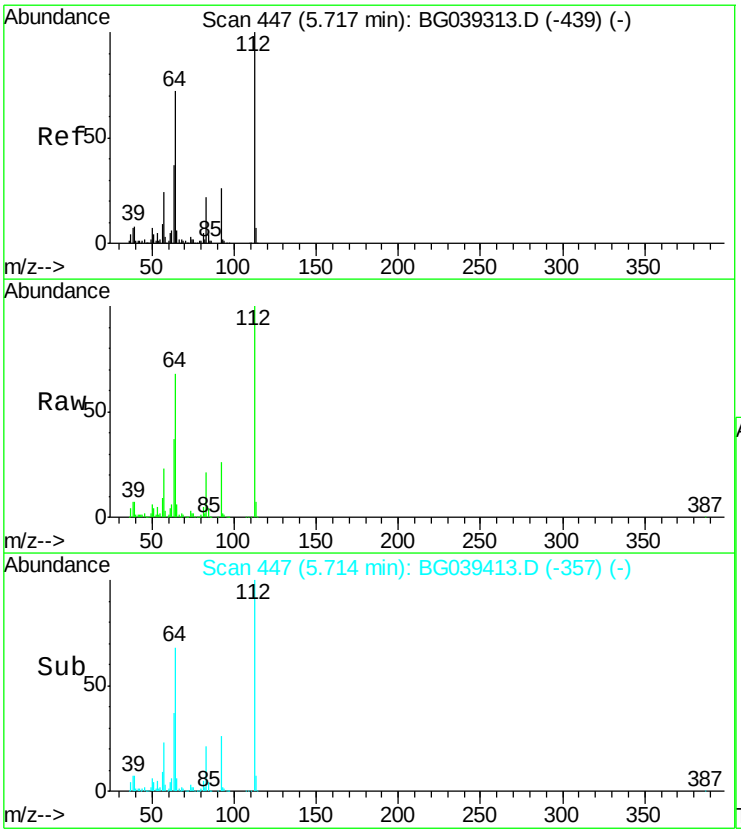
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:152 Resp: 45560

Ion	Ratio	Lower	Upper
152	100		
150	165.4	123.7	185.5
115	67.0	45.9	68.9

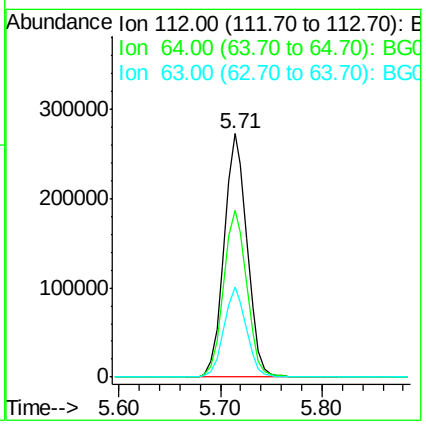


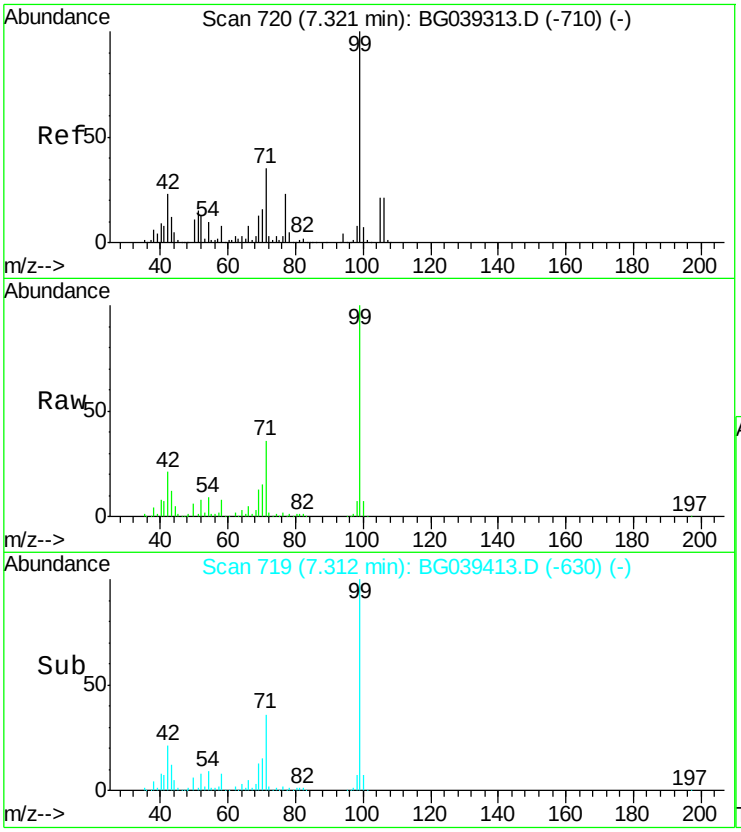


#5
2-Fluorophenol
Concen: 160.89 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion:112 Resp: 428284

Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.8	86.8
63	37.0	29.8	44.6



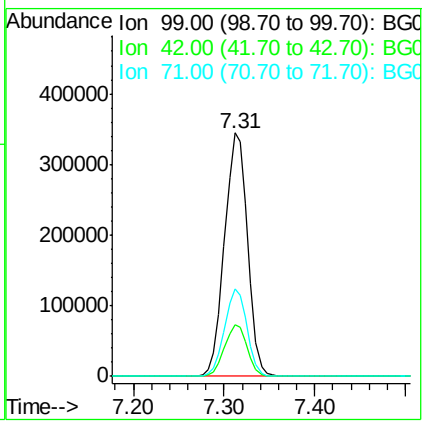


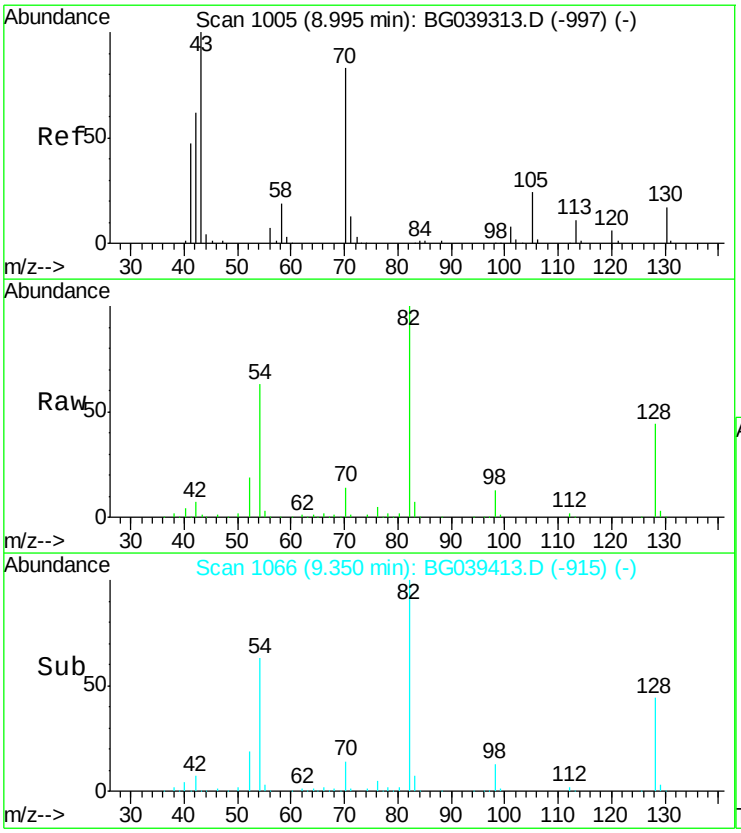
#7
Phenol-d6
Concen: 155.23 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion: 99 Resp: 608234

Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.2	27.2
71	36.0	28.0	42.0

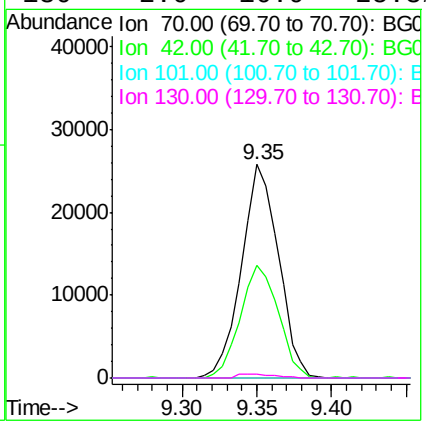


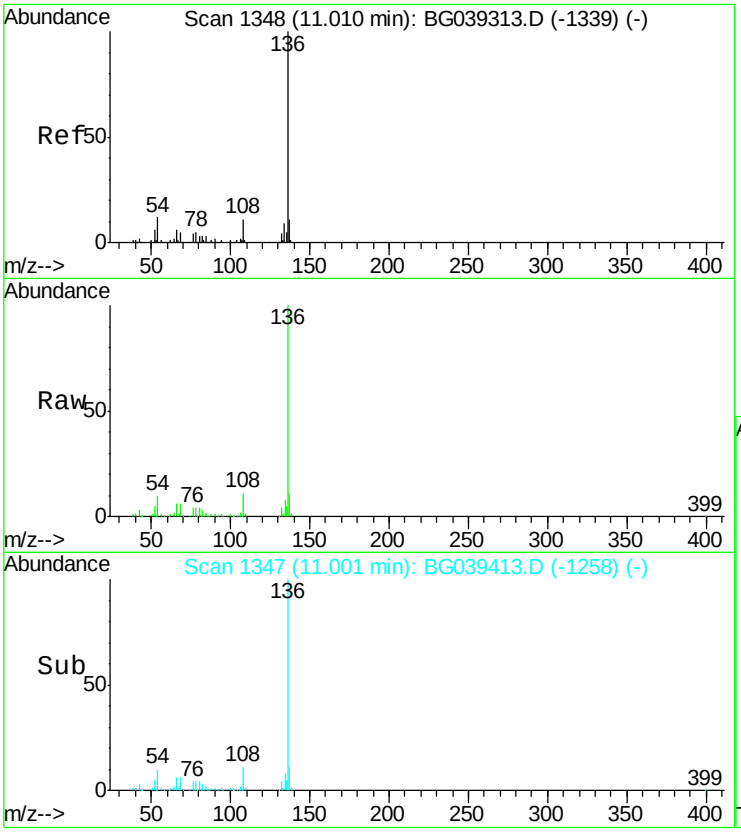


#19
n-Nitroso-di-n-propylamine
Concen: 15.86 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion: 70 Resp: 44111

Ion	Ratio	Lower	Upper
70	100		
42	52.5	60.4	90.6#
101	0.0	7.5	11.3#
130	2.0	16.9	25.3#



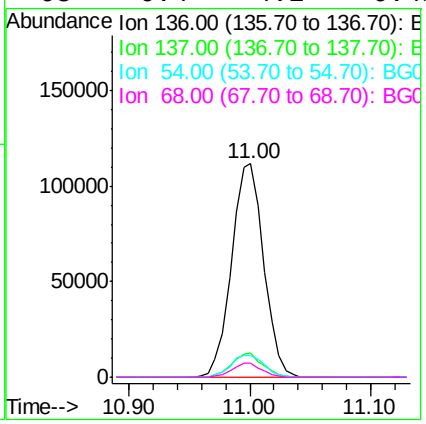


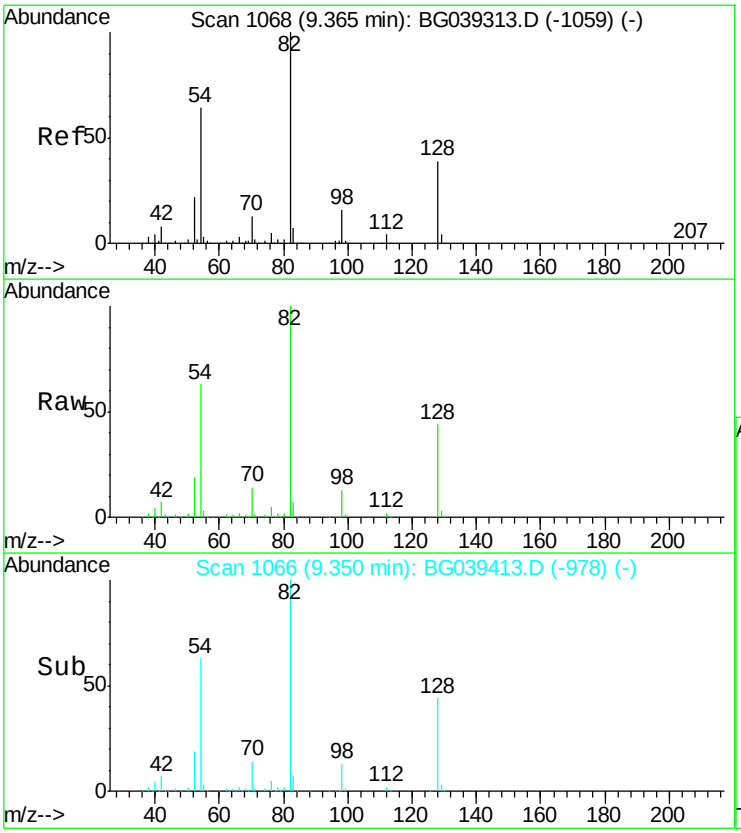
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:136 Resp: 206493

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.4	9.4	14.2
68	6.4	4.2	6.4#

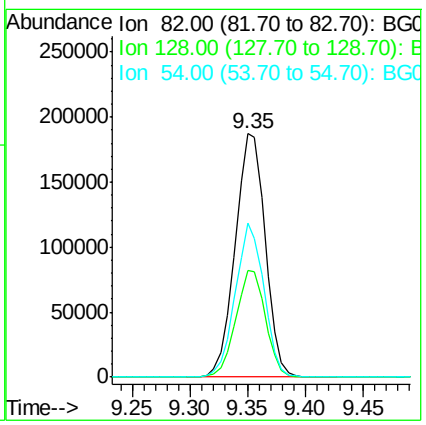


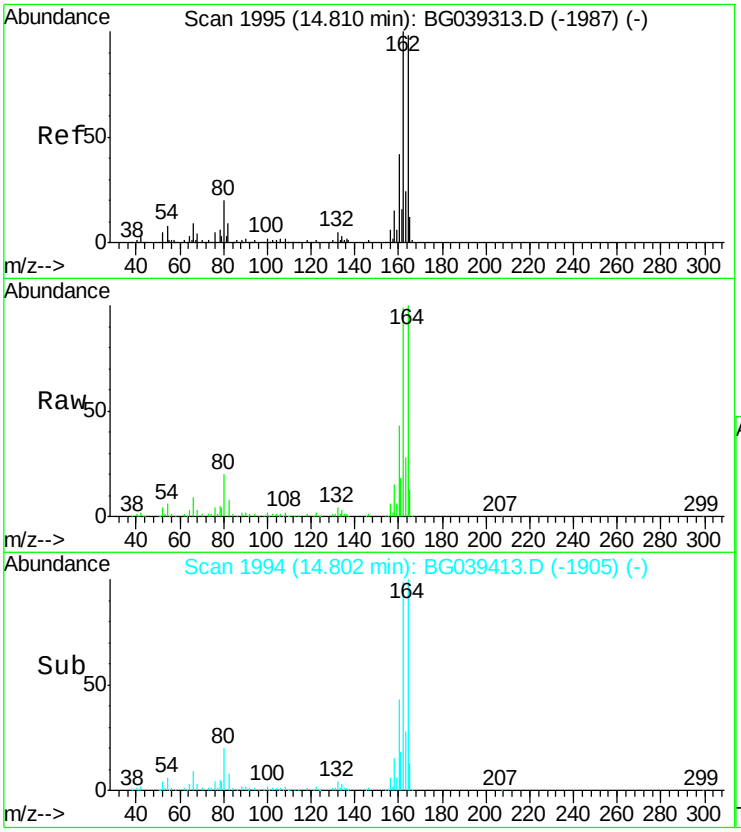


#23
Nitrobenzene-d5
Concen: 102.27 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion: 82 Resp: 338039

Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	63.1	50.9	76.3



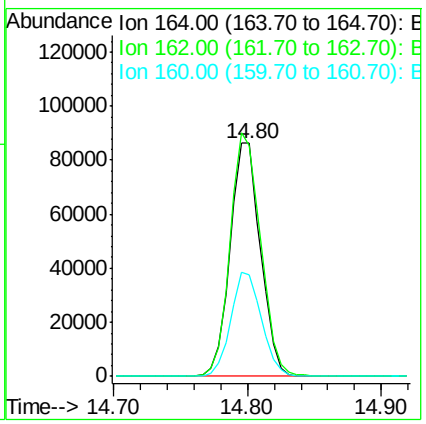


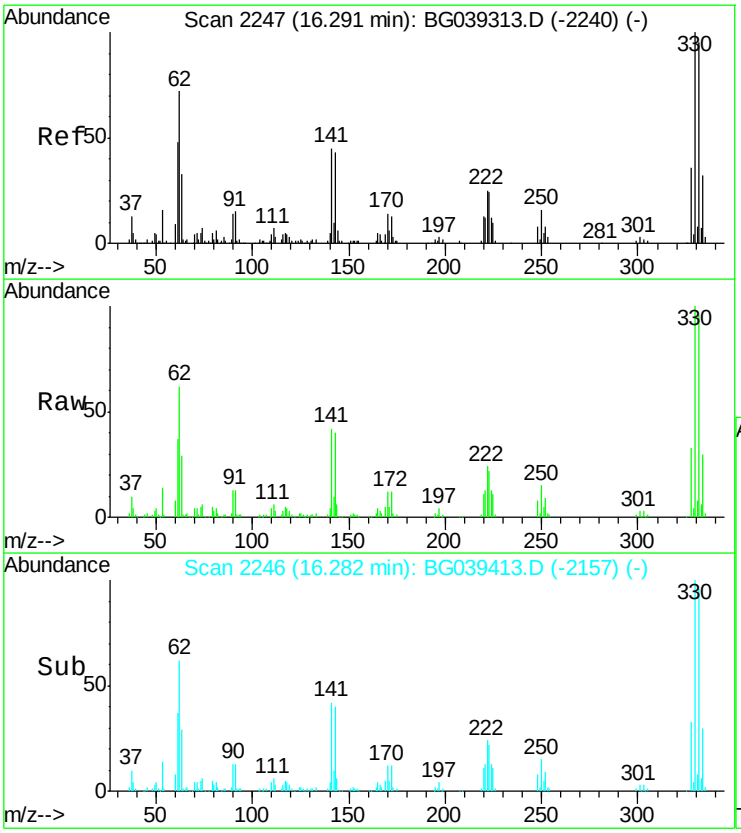
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:164 Resp: 136455

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.6	122.4
160	43.3	34.2	51.2

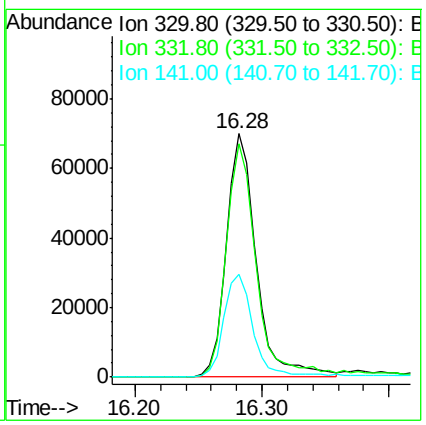


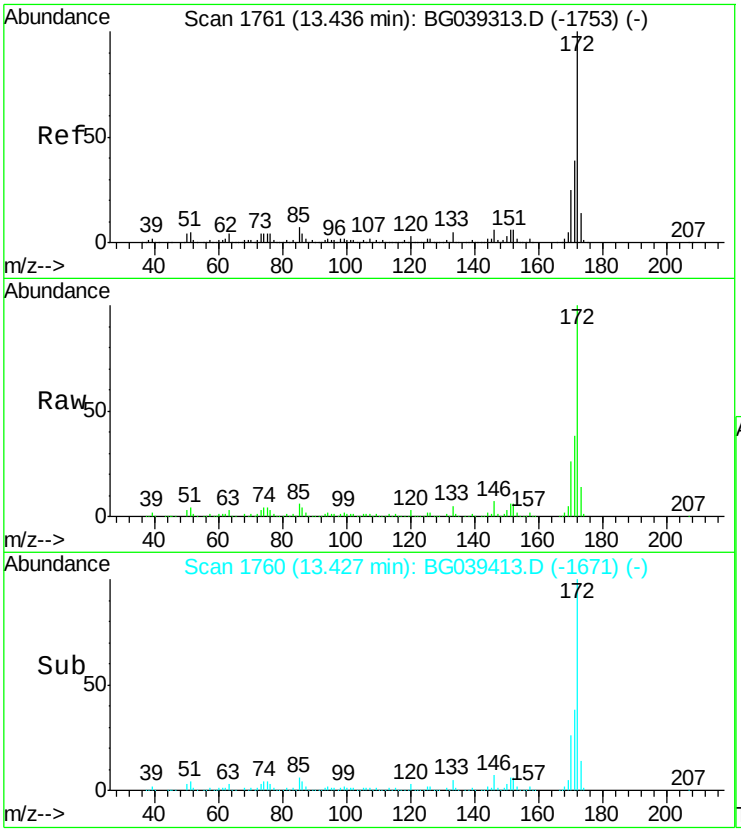


#42
2,4,6-Tribromophenol
Concen: 77.80 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion:330 Resp: 114319

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	40.8	35.6	53.4



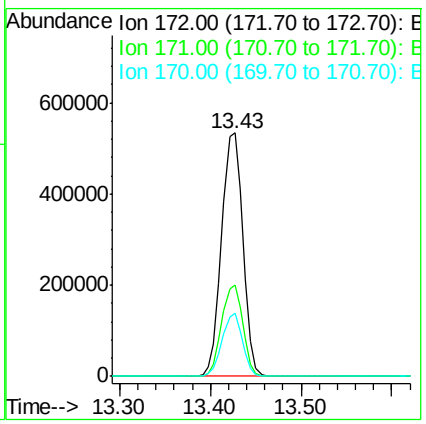


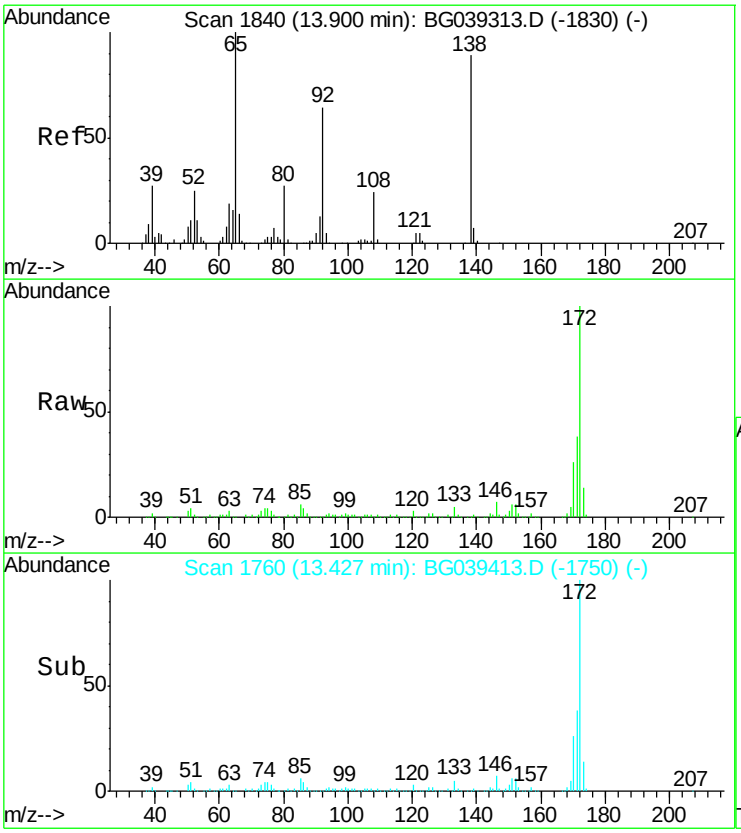
#45
2-Fluorobiphenyl
Concen: 91.49 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:172 Resp: 870279

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.7	20.2	30.4

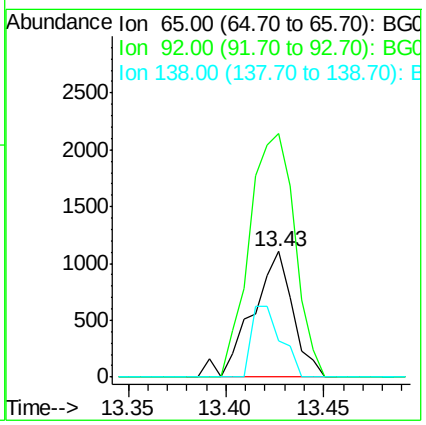


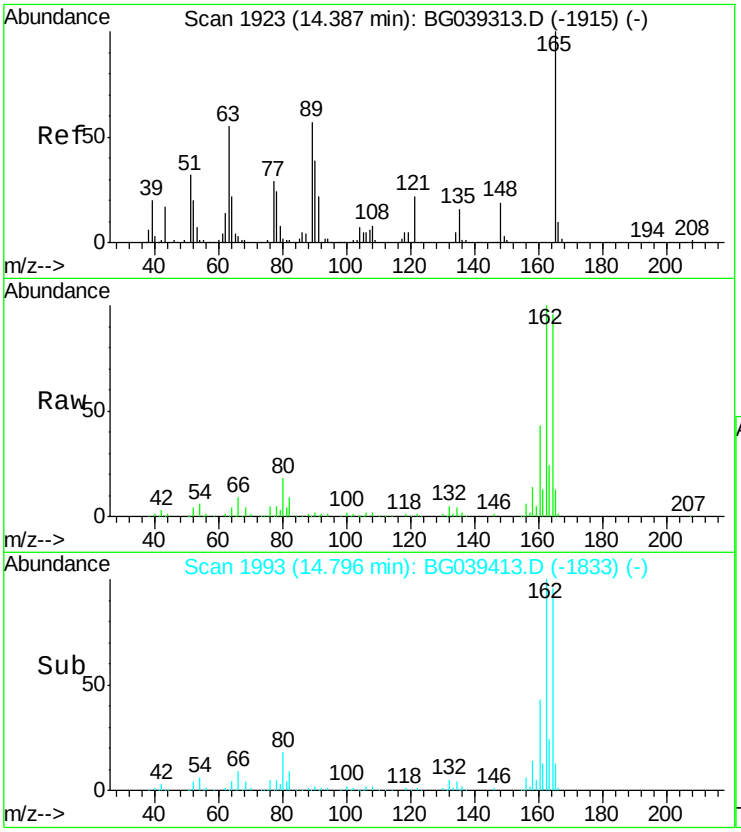


#48
2-Nitroaniline
Concen: 8.83 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.47 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion: 65 Resp: 1586

Ion	Ratio	Lower	Upper
65	100		
92	194.4	51.4	77.2#
138	28.8	71.4	107.2#



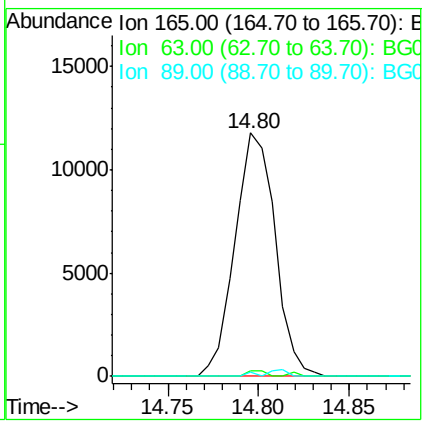


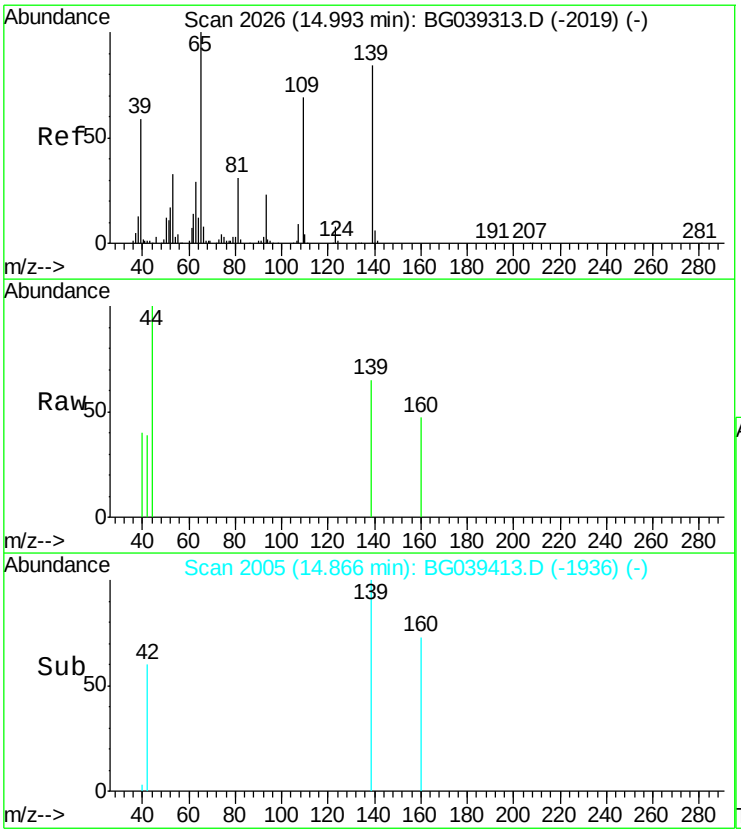
#51
2,6-Dinitrotoluene
Concen: 14.18 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:165 Resp: 18177

Ion	Ratio	Lower	Upper
165	100		
63	2.2	47.0	70.6#
89	1.9	45.8	68.8#

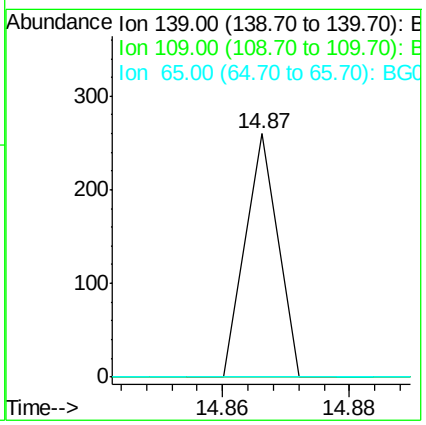


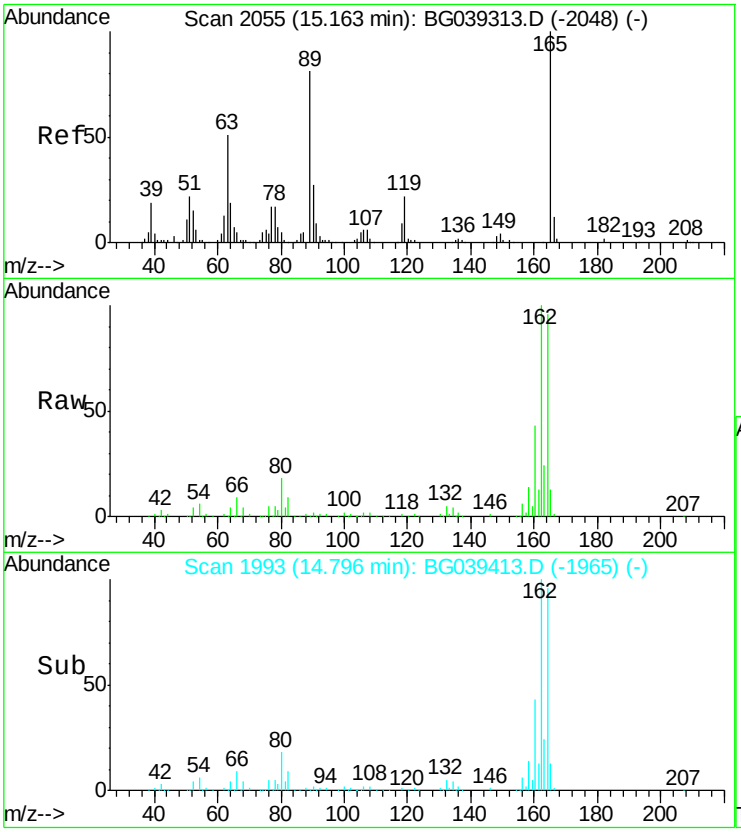


#56
4-Nitrophenol
Concen: 5.84 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.13 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion:139 Resp: 92

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#



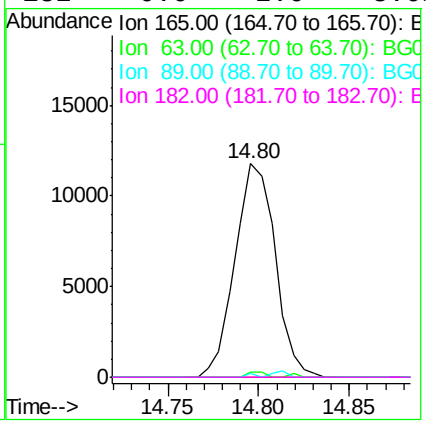


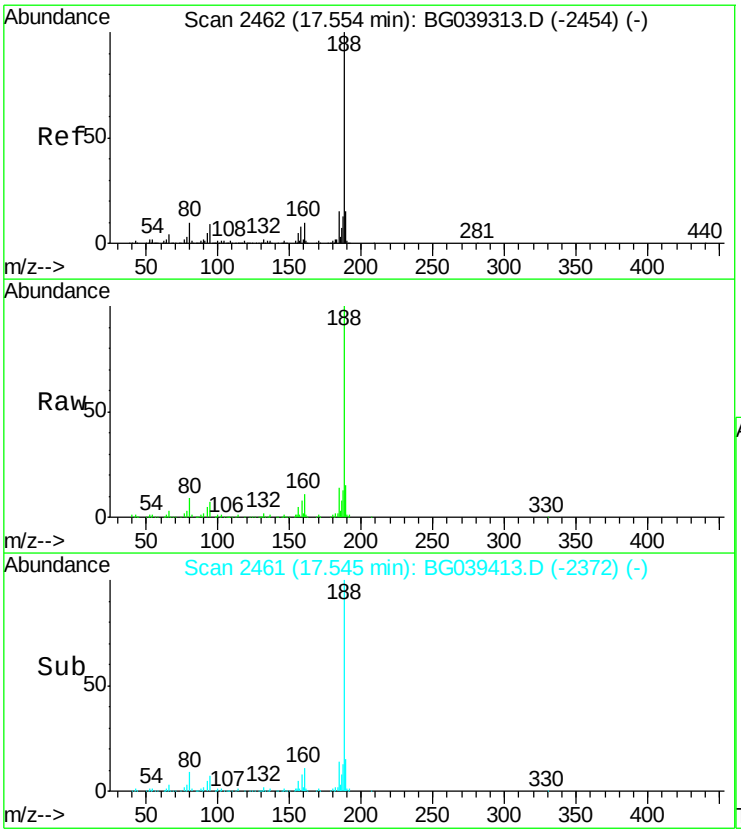
#57
2,4-Dinitrotoluene
Concen: 13.59 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:165 Resp: 18177

Ion	Ratio	Lower	Upper
165	100		
63	2.2	41.0	61.6#
89	1.9	64.6	96.8#
182	0.0	2.0	3.0#

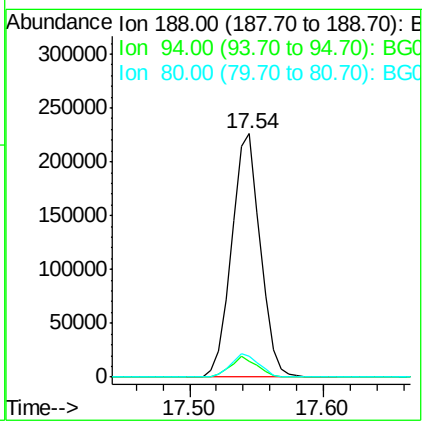


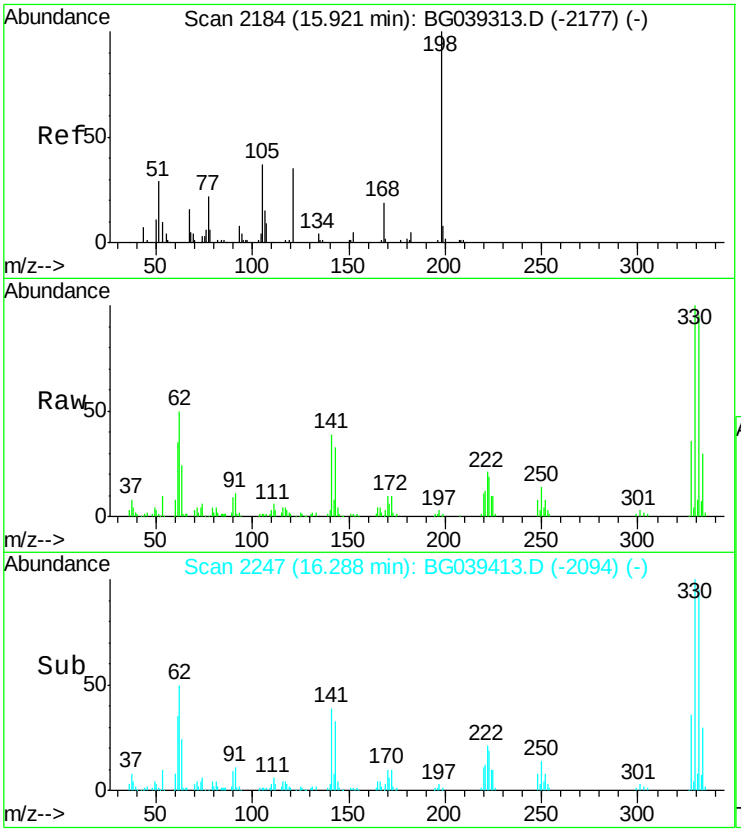


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion:188 Resp: 336429

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.7	8.1	12.1



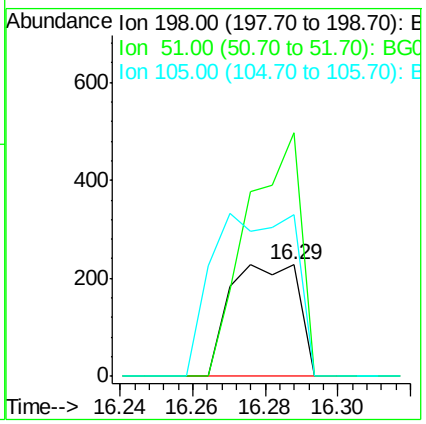


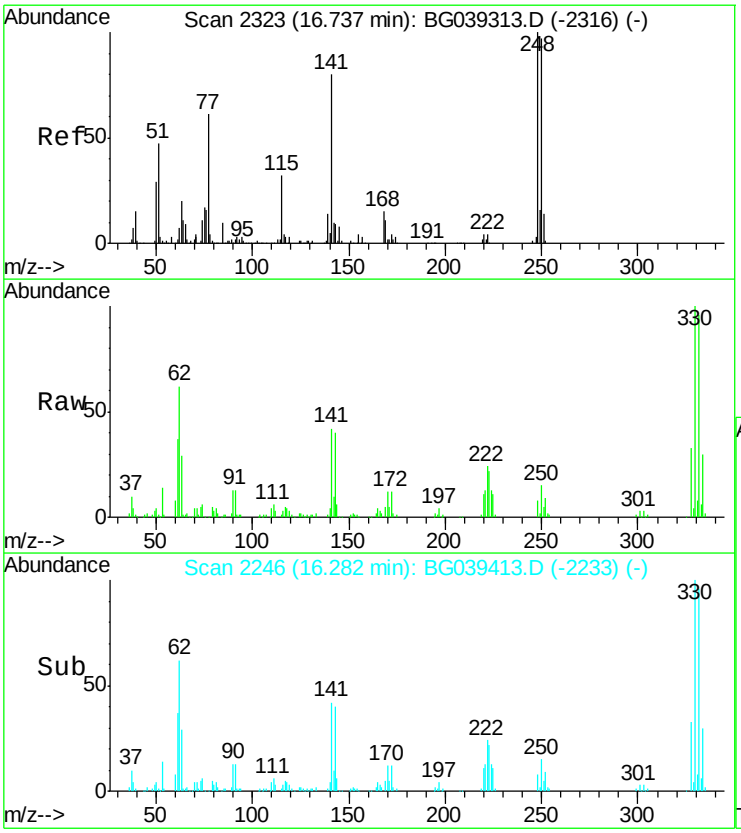
#65
4,6-Dinitro-2-methylphenol
Concen: 4.46 ng
RT: 16.29 min Scan# 2247
Delta R.T. 0.37 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:198 Resp: 299

Ion	Ratio	Lower	Upper
198	100		
51	218.0	27.4	67.4#
105	145.2	19.7	59.7#

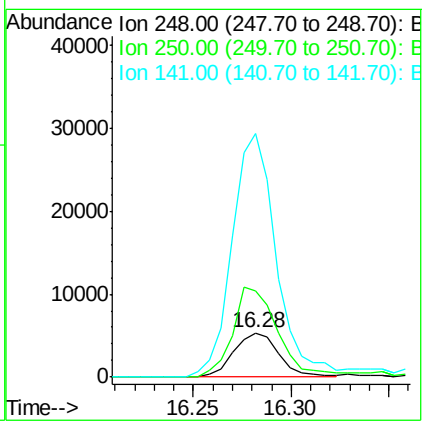


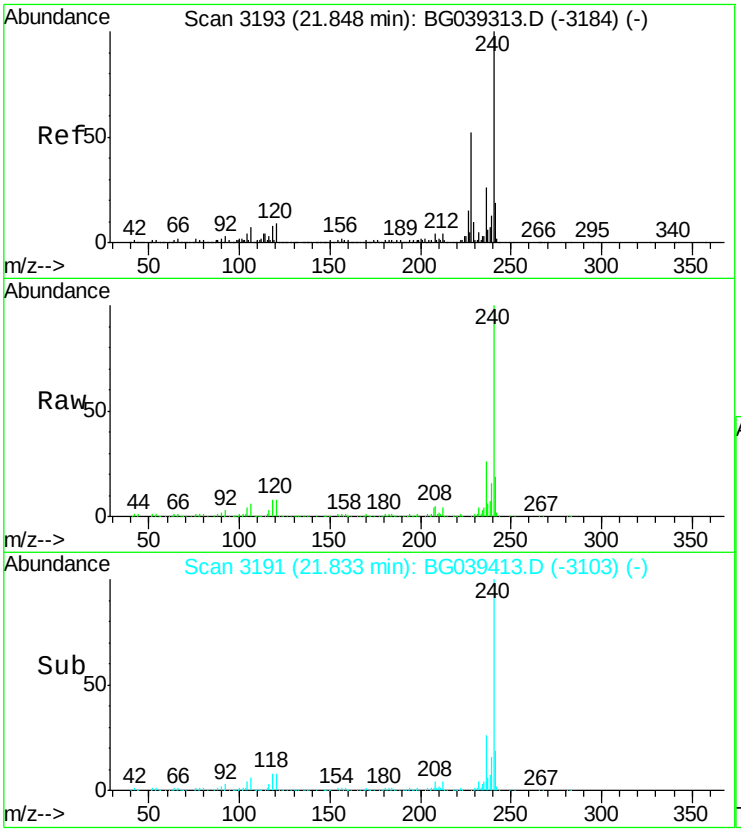


#67
4-Bromophenyl-phenylether
Concen: 2.30 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion:248 Resp: 8591

Ion	Ratio	Lower	Upper
248	100		
250	195.1	77.6	116.4#
141	553.2	63.9	95.9#



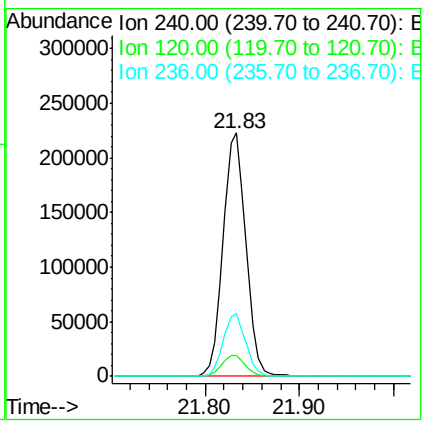


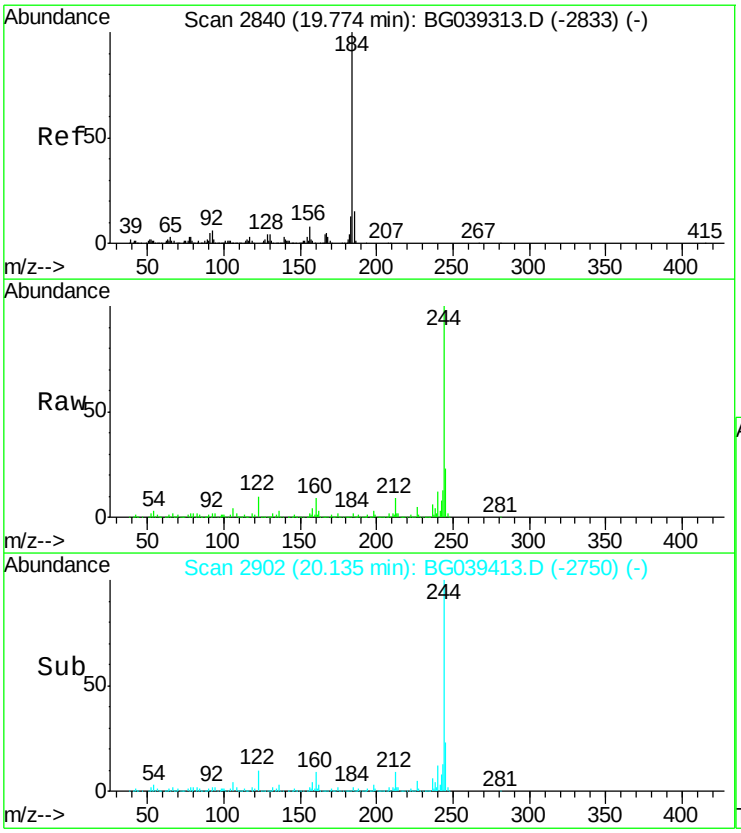
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:240 Resp: 376342

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.0	21.0	31.4

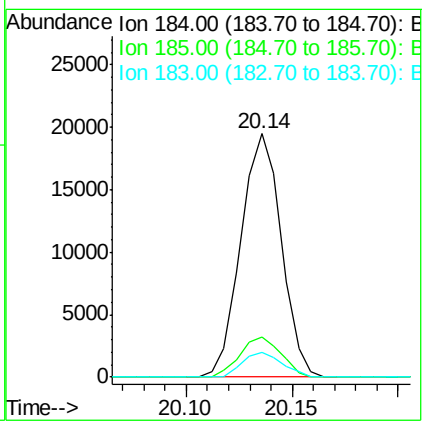


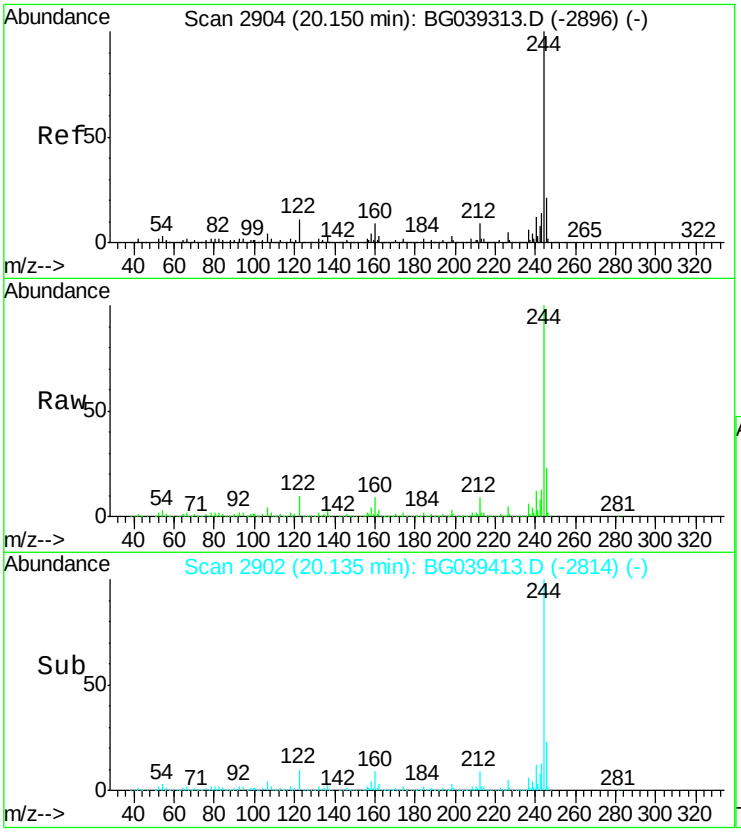


#77
Benzidine
Concen: 2.09 ng
RT: 20.14 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion:184 Resp: 25833

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.2	18.2
183	10.1	10.6	15.8#



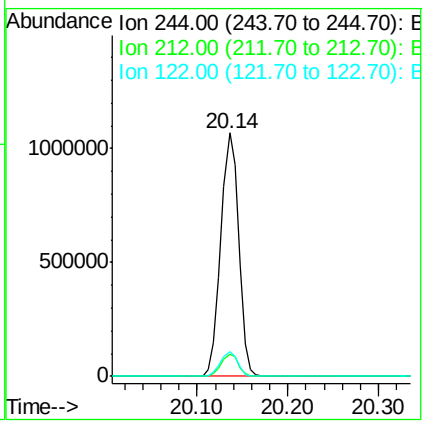


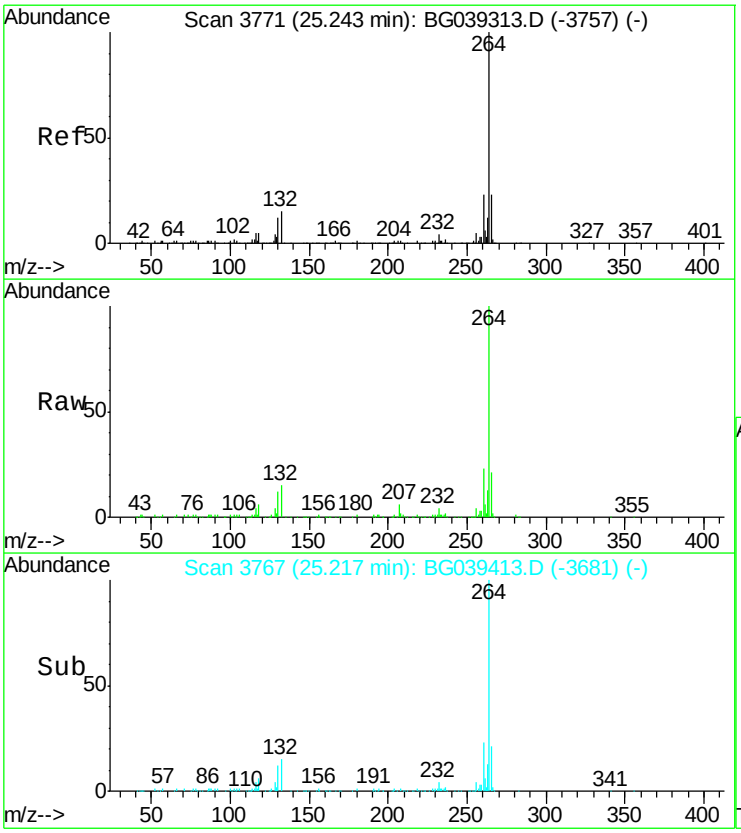
#79
Terphenyl-d14
Concen: 81.85 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Instrument :
BNA_G
ClientSampleId :
PB116922TB

Tgt Ion:244 Resp: 1455288

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.0	8.4	12.6





#87
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion:264 Resp: 364322

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.7	18.5	27.7