Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039628.D
Acq On : 27 Feb 2019 9:54
Operator : JU/SJ
Sample : PB117396BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 27 10:31:40 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	54345	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	233879	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	158282	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	395642	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	426052	20.00	ng	-0.03
87) Perylene-d12	25.20	264	413153	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	287627	90.58	ng	0.00
7) Phenol-d6	7.31	99	401203	85.84	ng	0.00
23) Nitrobenzene-d5	9.34	82	348491	93.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	135941	79.76	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	877221	79.50	ng	-0.02
79) Terphenyl-d14	20.13	244	1273833	63.29	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	674	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	43910	13.236	ng	# 69
48) 2-Nitroaniline	13.41	65	1766	8.810	ng	# 5
51) 2,6-Dinitrotoluene	14.79	165	20257	13.879	ng	# 22
53) 3-Nitroaniline	14.40	138	56	5.812	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	20257	13.365	ng	# 17
62) 4-Nitroaniline	16.05	138	60	4.223	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.27	198	401	4.498	ng	# 1
67) 4-Bromophenyl-phenylether	16.27	248	10238	2.333	ng	# 1

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

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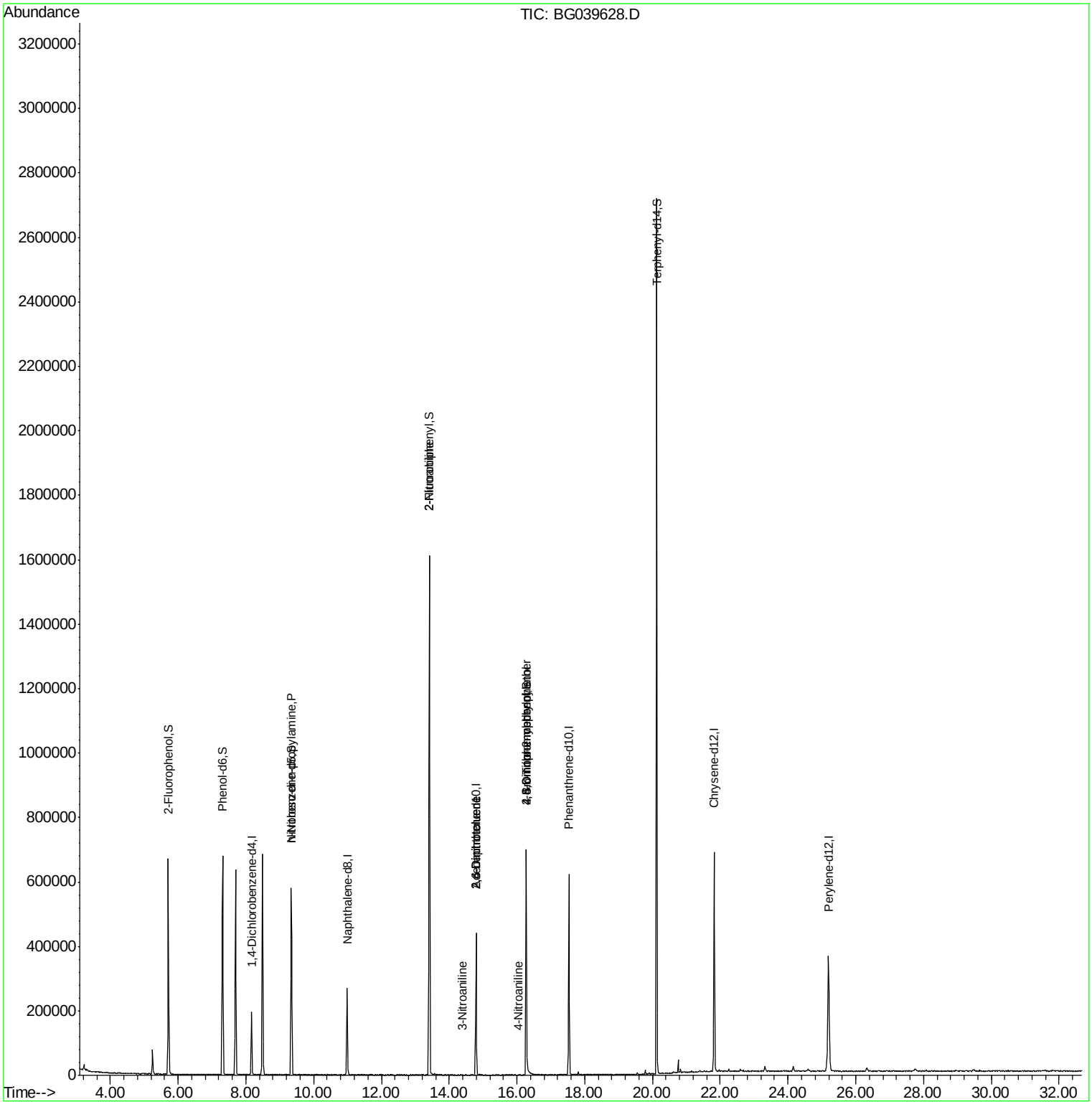
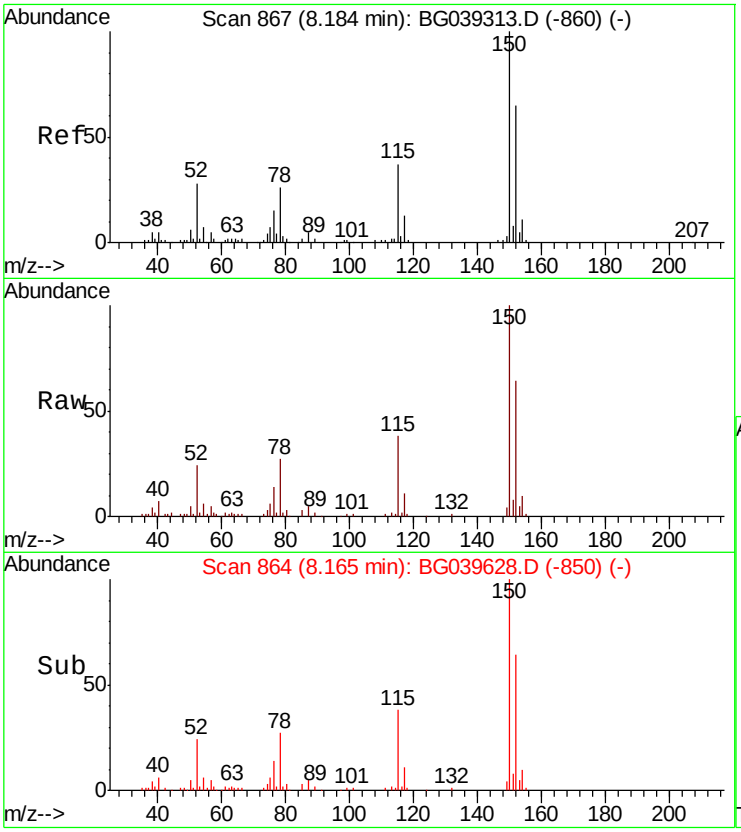


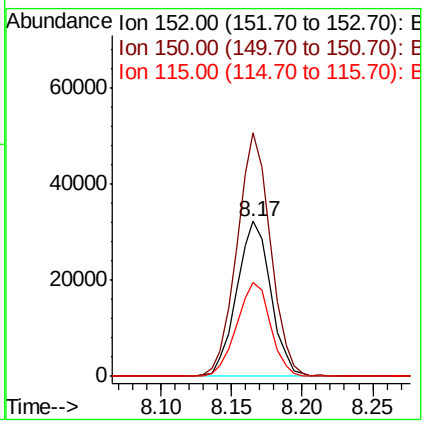


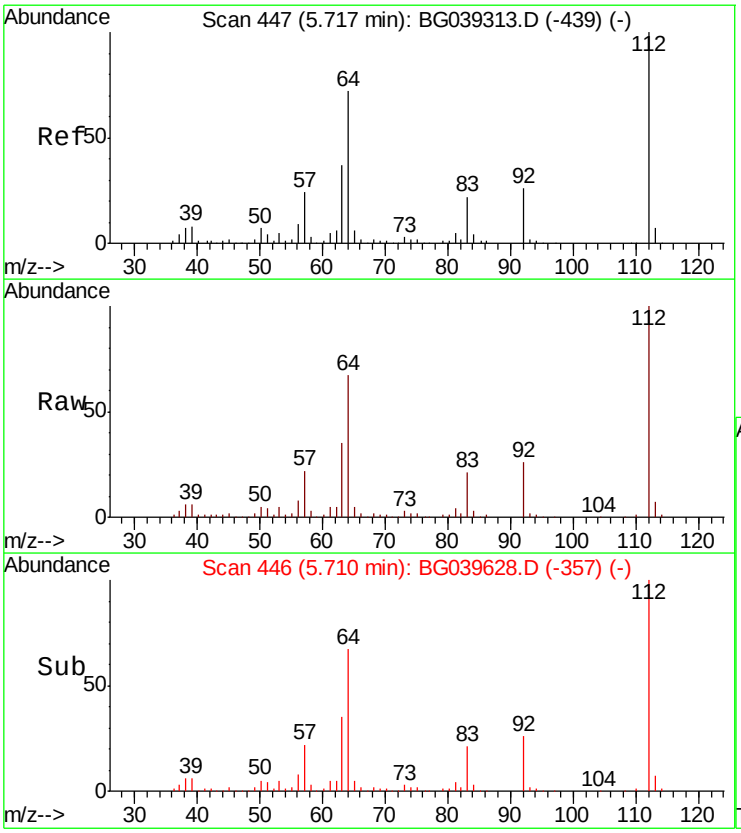
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 54345

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.7	185.5
115	60.5	45.9	68.9

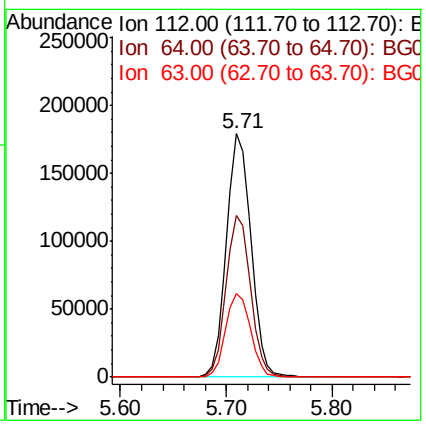


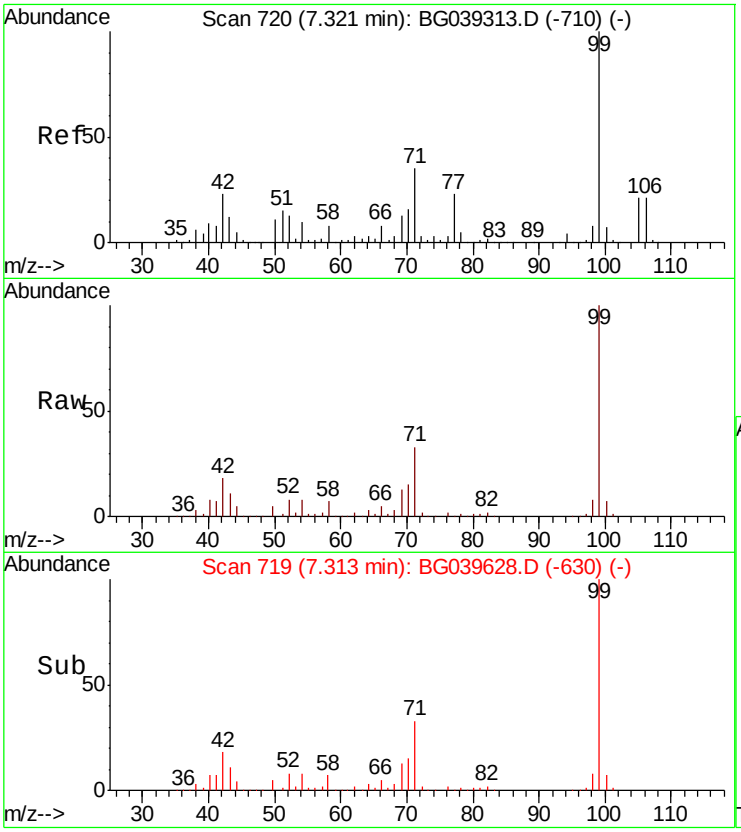


#5
2-Fluorophenol
Concen: 90.584 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Tgt Ion:112 Resp: 287627

Ion	Ratio	Lower	Upper
112	100		
64	66.6	57.8	86.8
63	34.6	29.8	44.6



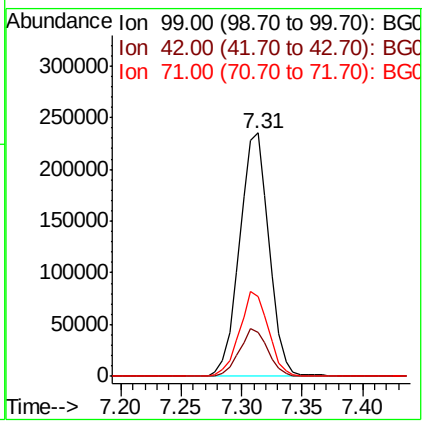


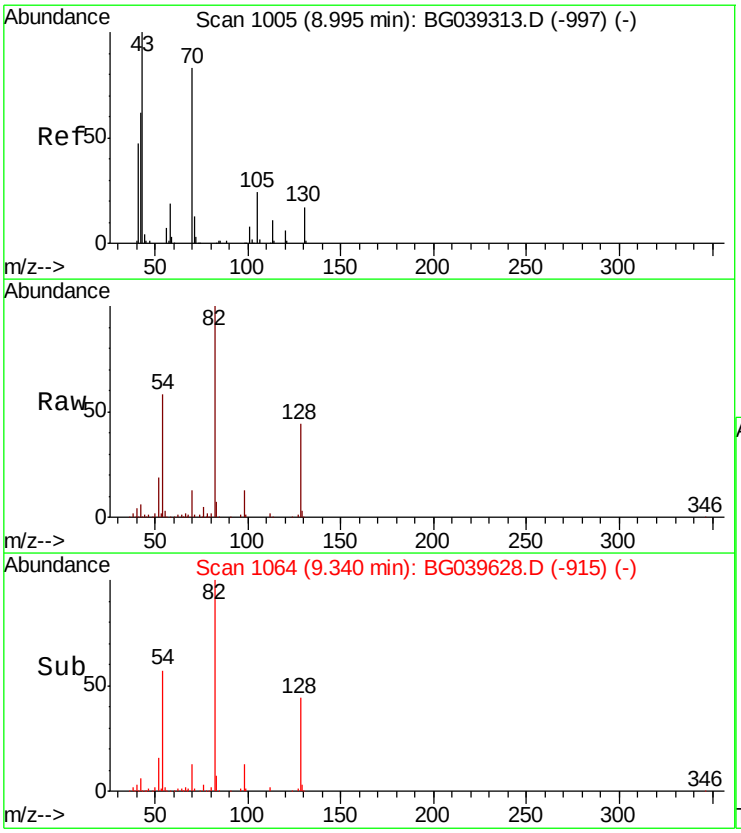
#7
Phenol-d6
Concen: 85.839 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 401203

Ion	Ratio	Lower	Upper
99	100		
42	18.2	18.2	27.2
71	32.6	28.0	42.0

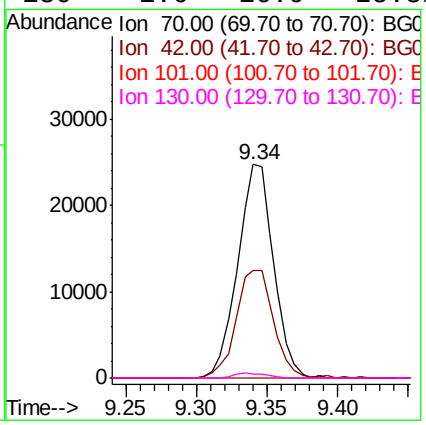


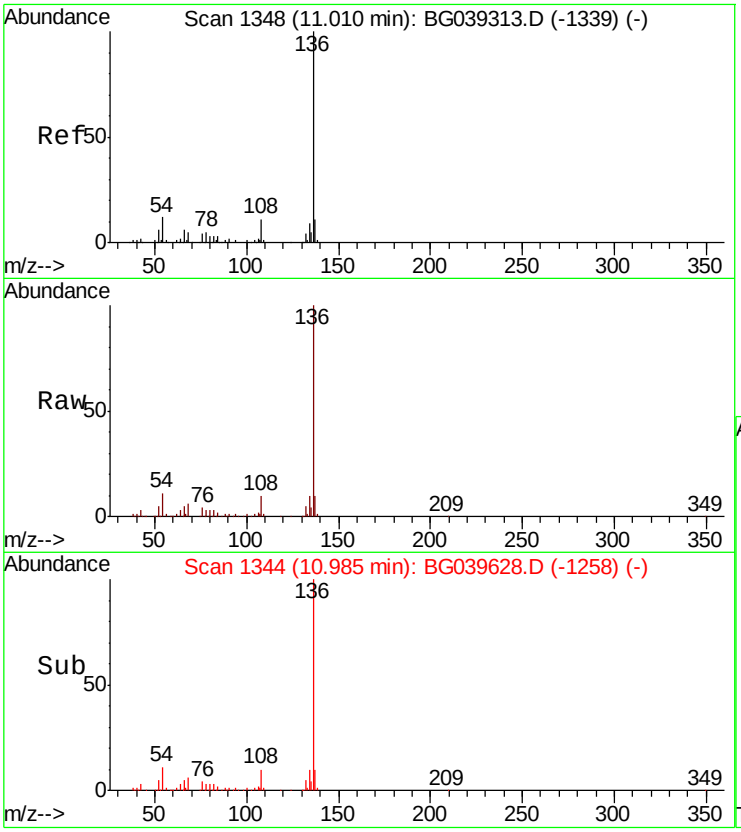


#19
n-Nitroso-di-n-propylamine
Concen: 13.236 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.35 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Tgt Ion: 70 Resp: 43910

Ion	Ratio	Lower	Upper
70	100		
42	50.5	60.4	90.6#
101	0.0	7.5	11.3#
130	1.6	16.9	25.3#



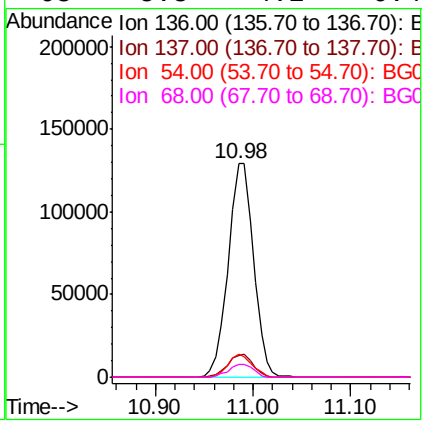


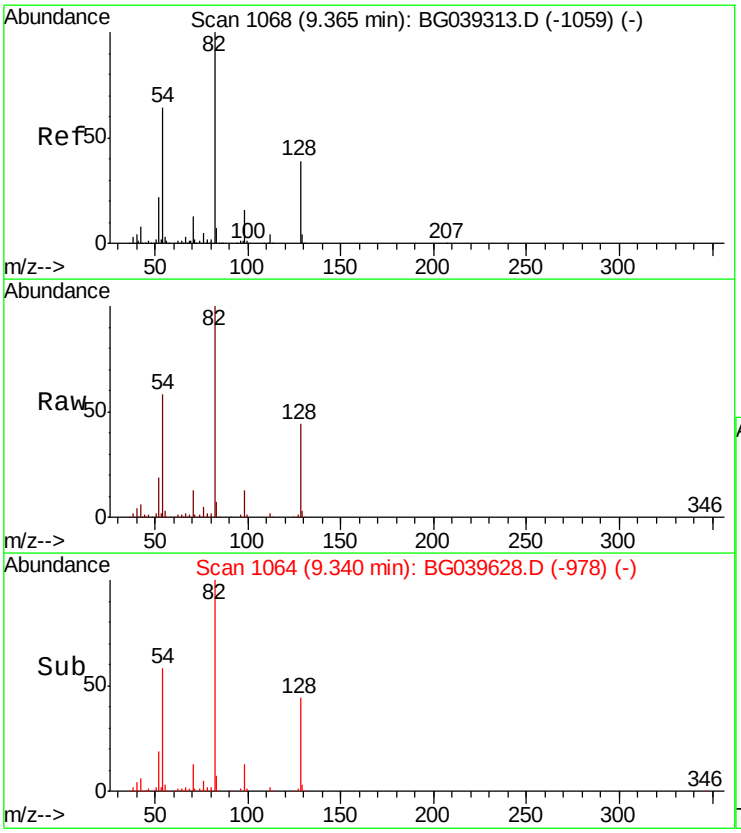
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 233879

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	10.6	9.4	14.2
68	5.8	4.2	6.4

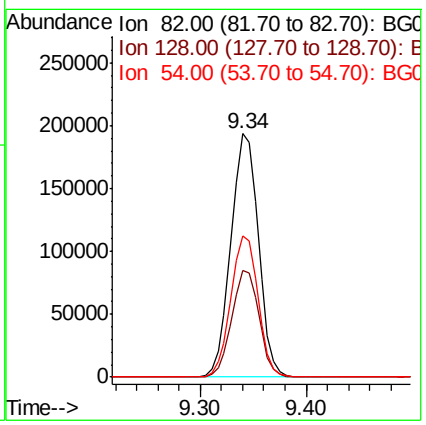


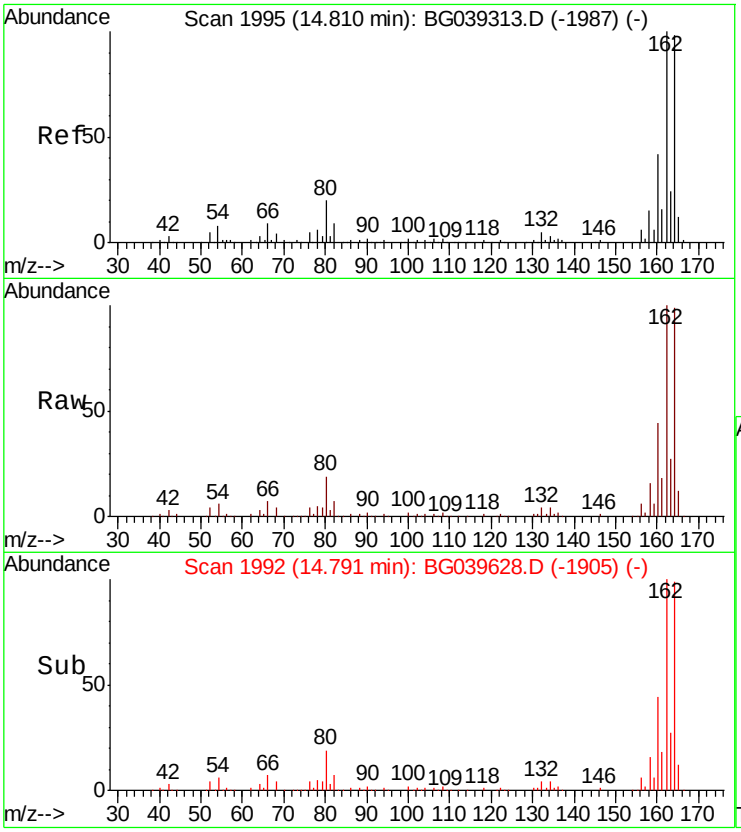


#23
Nitrobenzene-d5
Concen: 93.086 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Tgt Ion: 82 Resp: 348491

Ion	Ratio	Lower	Upper
82	100		
128	43.8	31.3	46.9
54	57.9	50.9	76.3



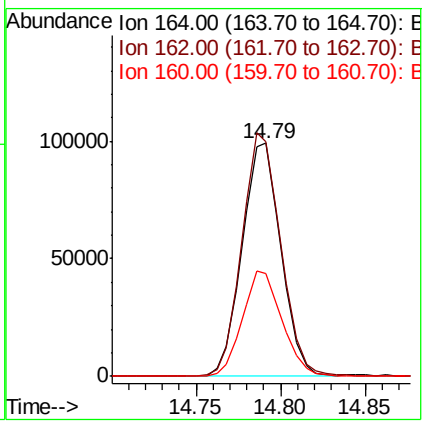


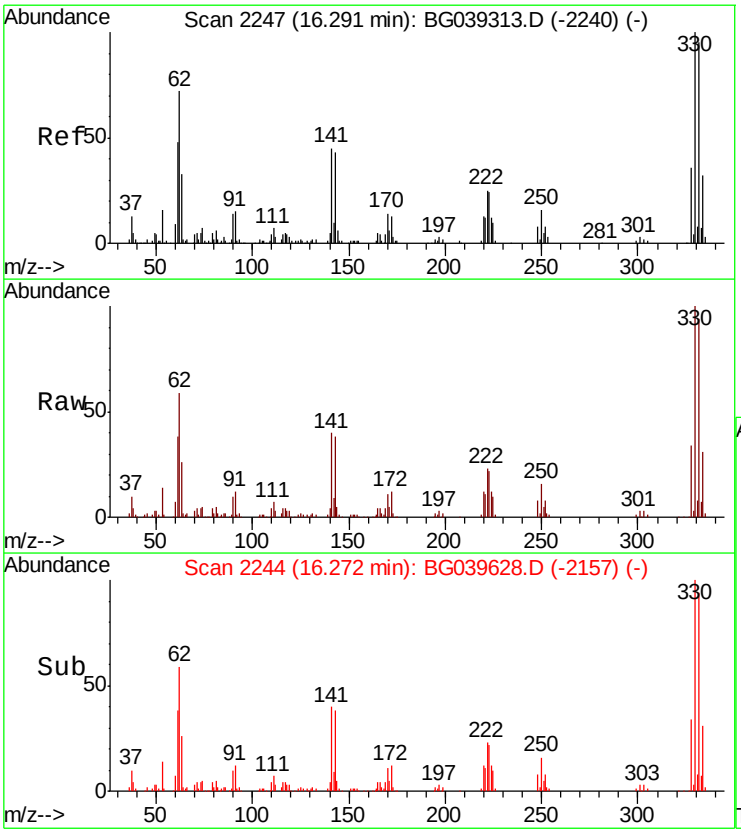
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 158282

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.6	122.4
160	44.0	34.2	51.2

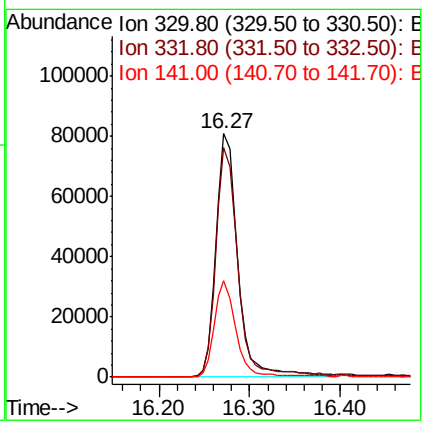


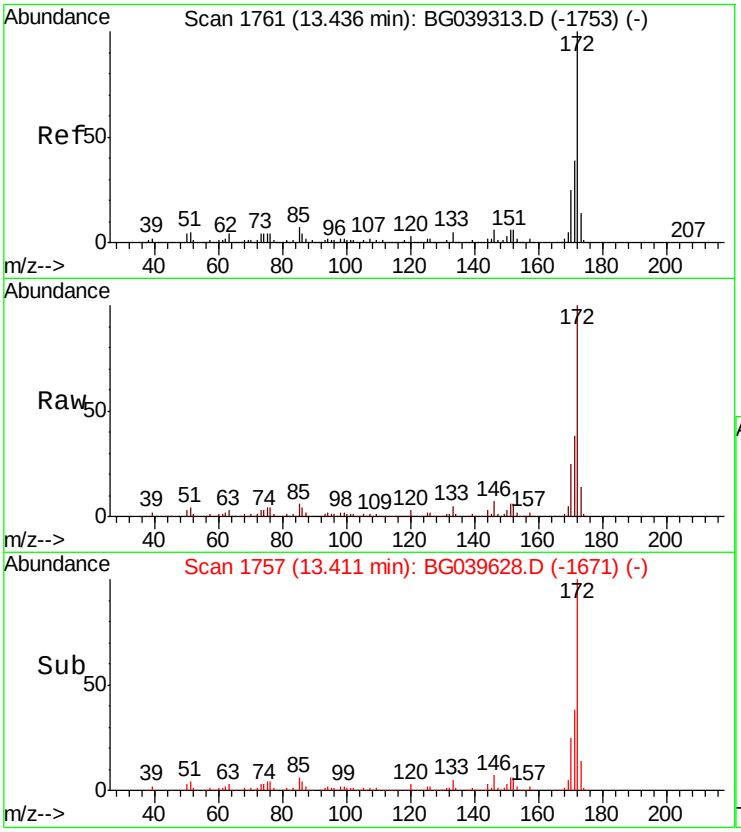


#42
2,4,6-Tribromophenol
Concen: 79.758 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Tgt Ion:330 Resp: 135941

Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.7	113.5
141	38.7	35.6	53.4



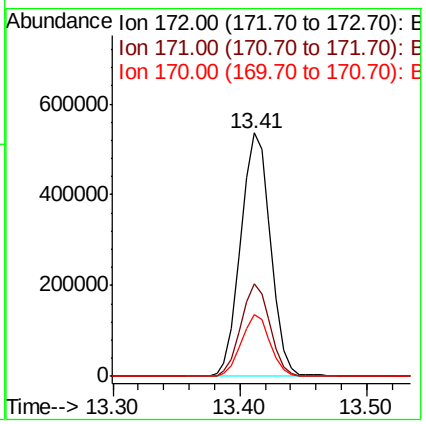


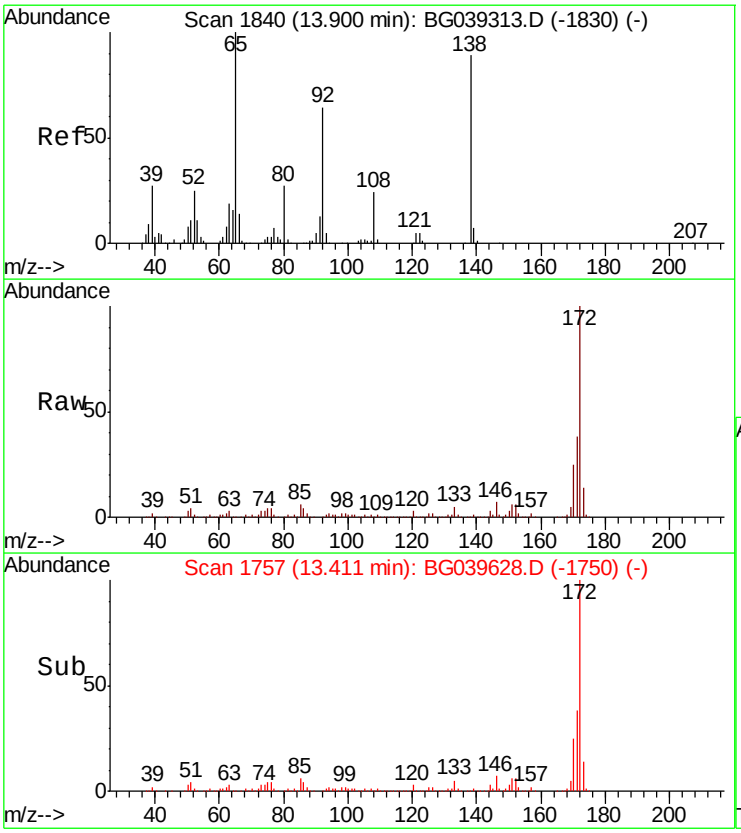
#45
2-Fluorobiphenyl
Concen: 79.505 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 877221

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.2	20.2	30.4

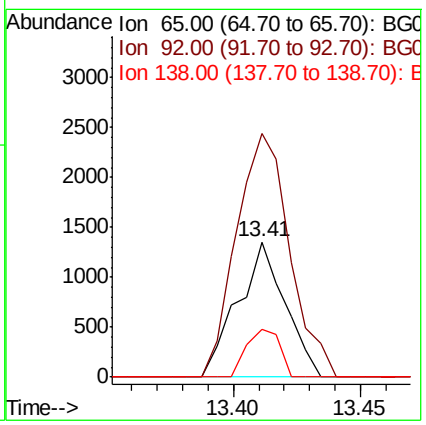


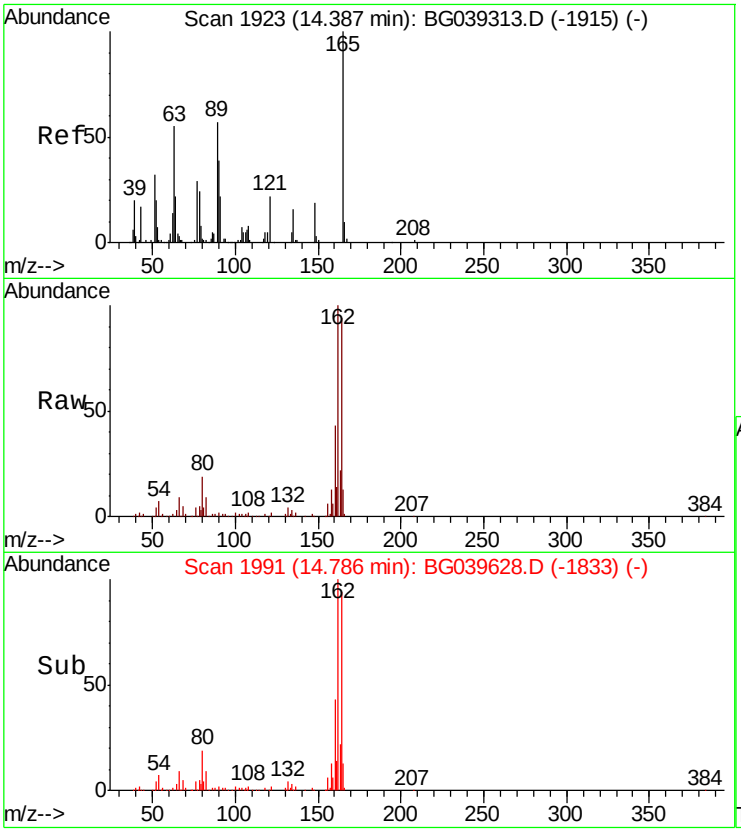


#48
2-Nitroaniline
Concen: 8.810 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.49 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Tgt Ion: 65 Resp: 1766

Ion	Ratio	Lower	Upper
65	100		
92	179.9	51.4	77.2#
138	35.0	71.4	107.2#



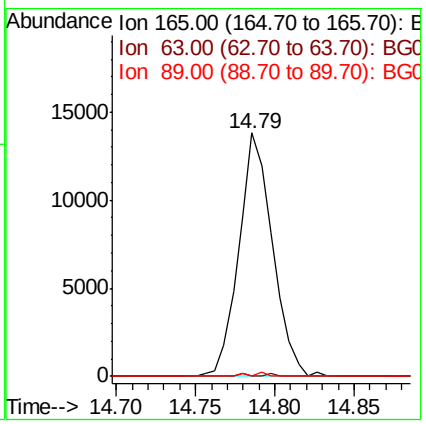


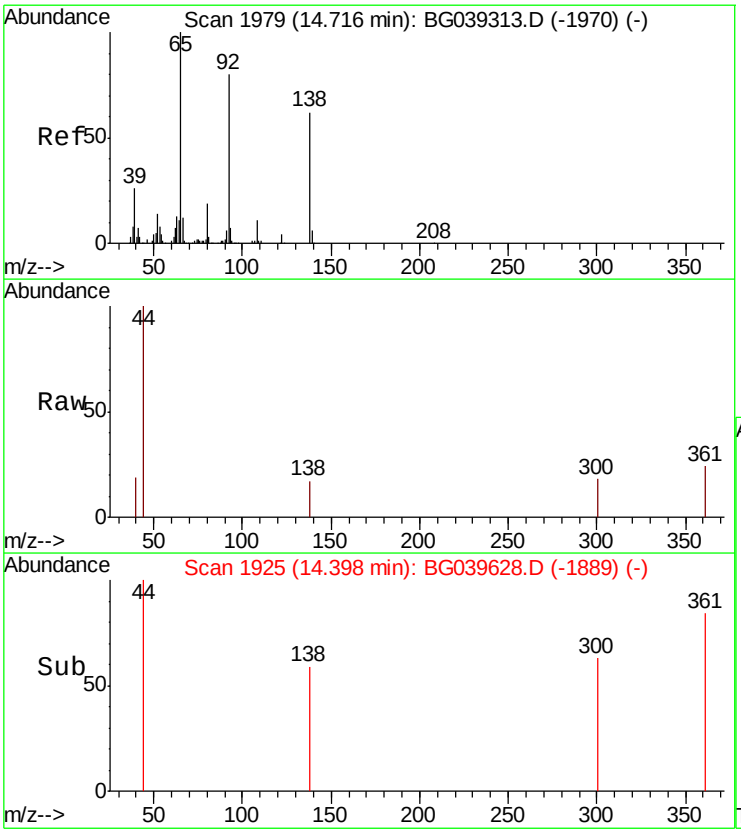
#51
2,6-Dinitrotoluene
Concen: 13.879 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.40 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20257

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

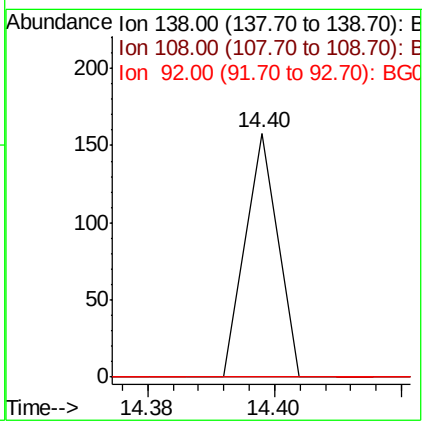


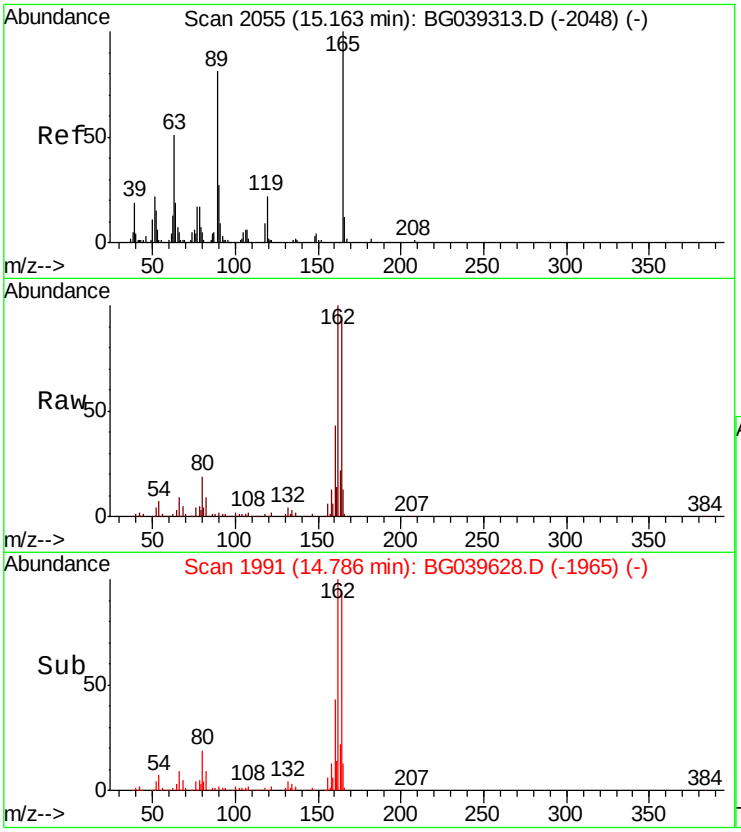


#53
3-Nitroaniline
Concen: 5.812 ng
RT: 14.40 min Scan# 1925
Delta R.T. -0.32 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Tgt Ion:138 Resp: 56

Ion	Ratio	Lower	Upper
138	100		
108	0.0	13.8	20.8#
92	0.0	103.7	155.5#



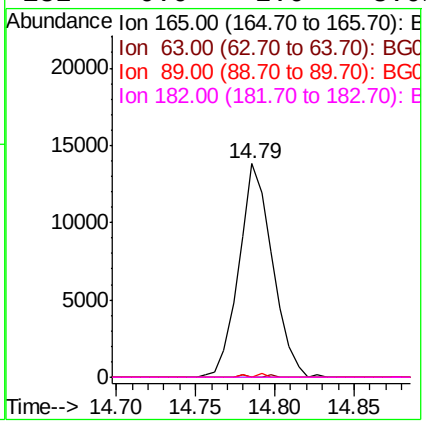


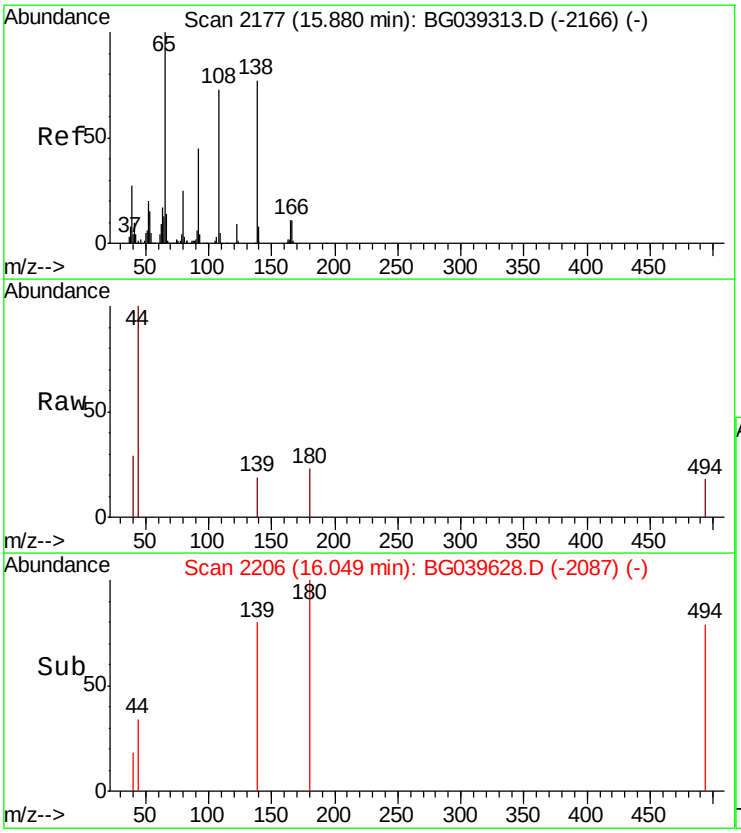
#57
2,4-Dinitrotoluene
Concen: 13.365 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.38 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20257

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

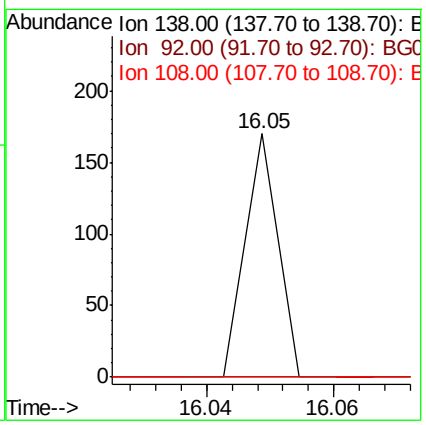


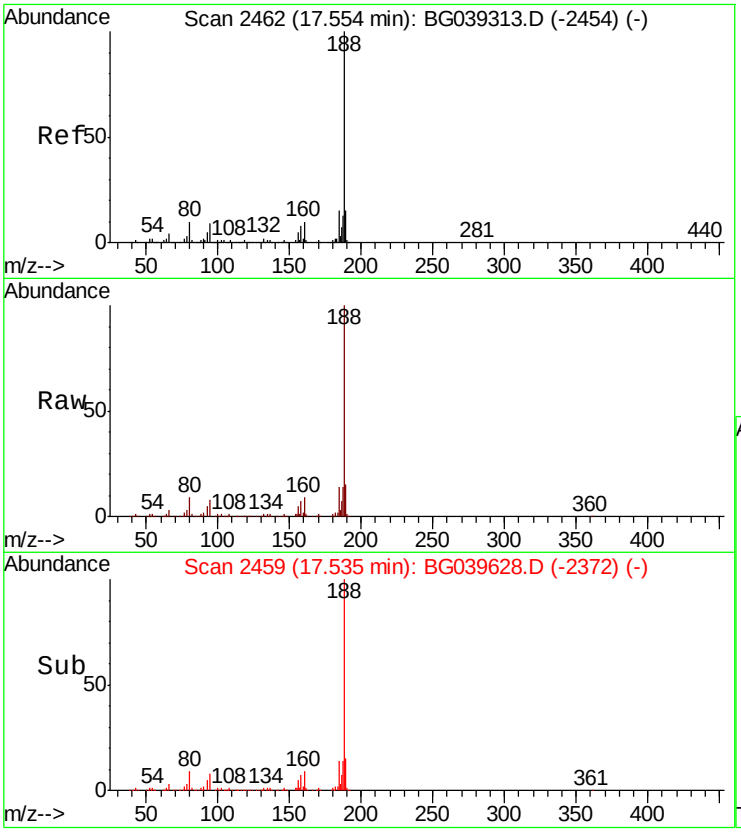


#62
4-Nitroaniline
Concen: 4.223 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.17 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Tgt Ion:138 Resp: 60

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



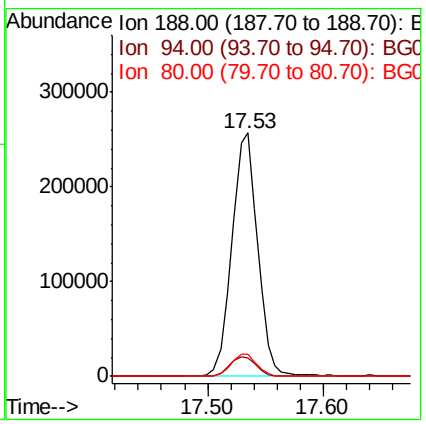


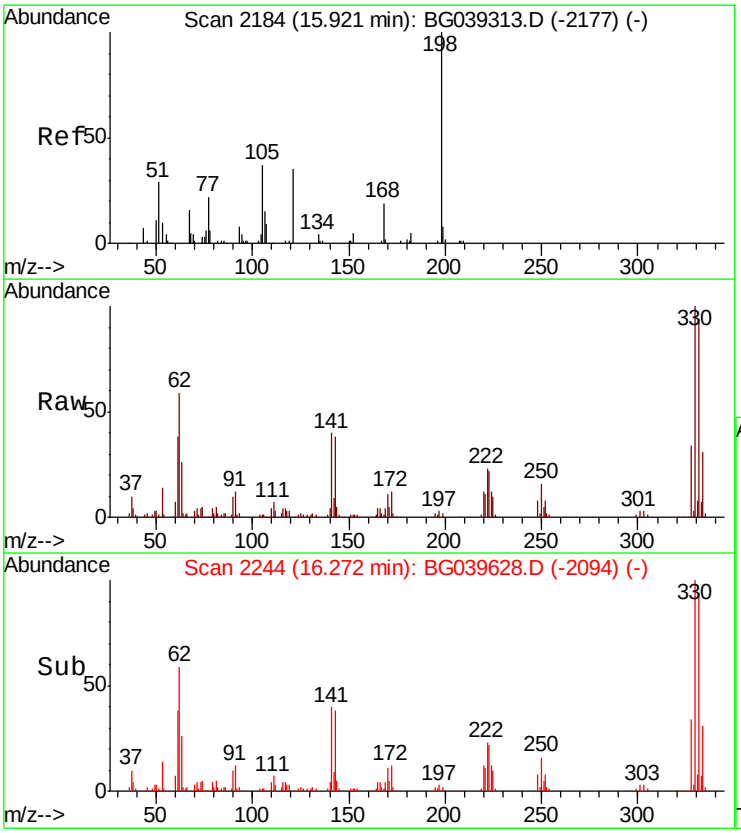
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 395642

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.0	8.1	12.1

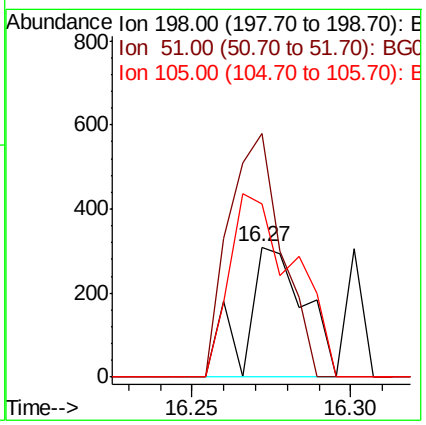


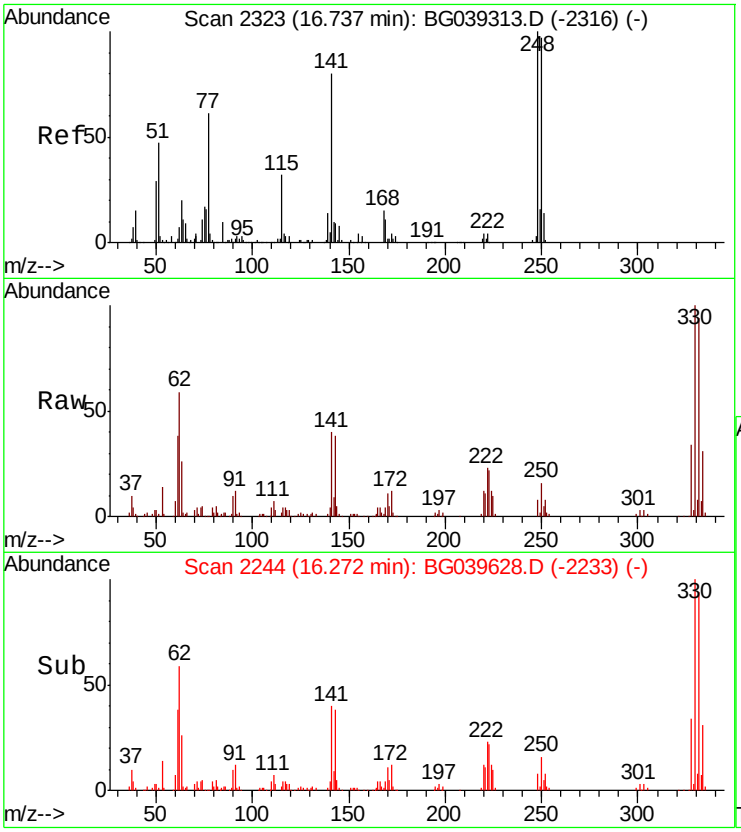


#65
4,6-Dinitro-2-methylphenol
Concen: 4.498 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.35 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Tgt Ion:198 Resp: 401

Ion	Ratio	Lower	Upper
198	100		
51	186.8	27.4	67.4#
105	132.6	19.7	59.7#



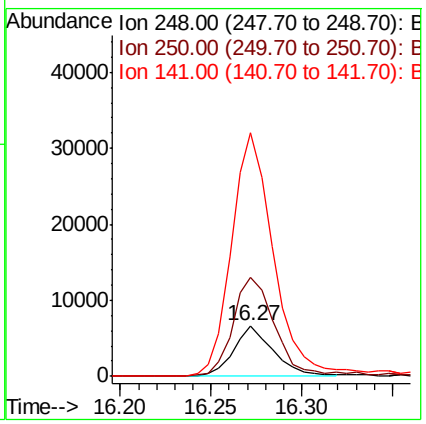


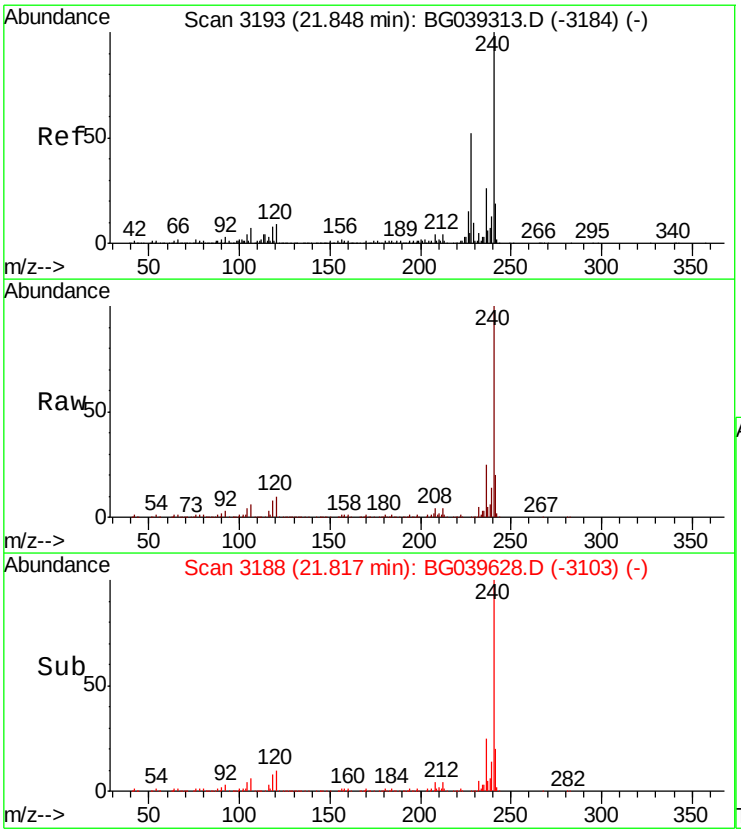
#67
4-Bromophenyl-phenylether
Concen: 2.333 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.47 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10238

Ion	Ratio	Lower	Upper
248	100		
250	195.8	77.6	116.4#
141	483.9	63.9	95.9#

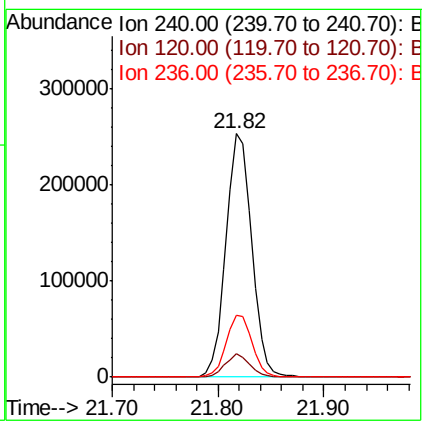


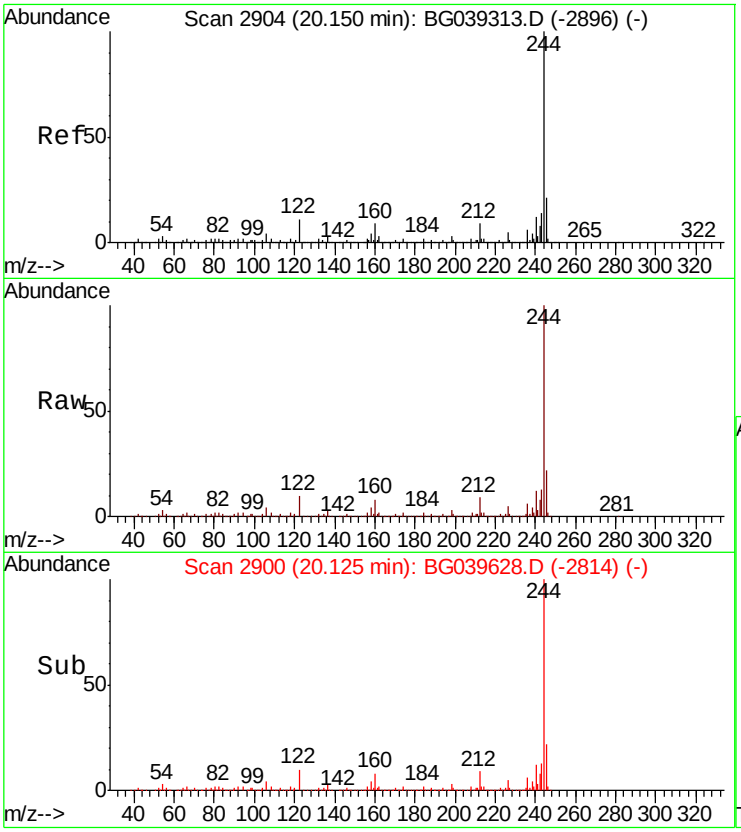


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.03 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Tgt Ion:240 Resp: 426052

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.0	10.6
236	25.4	21.0	31.4



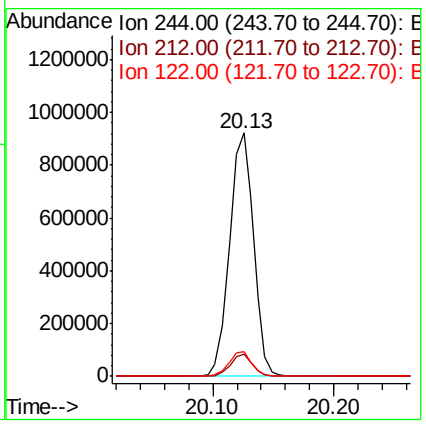


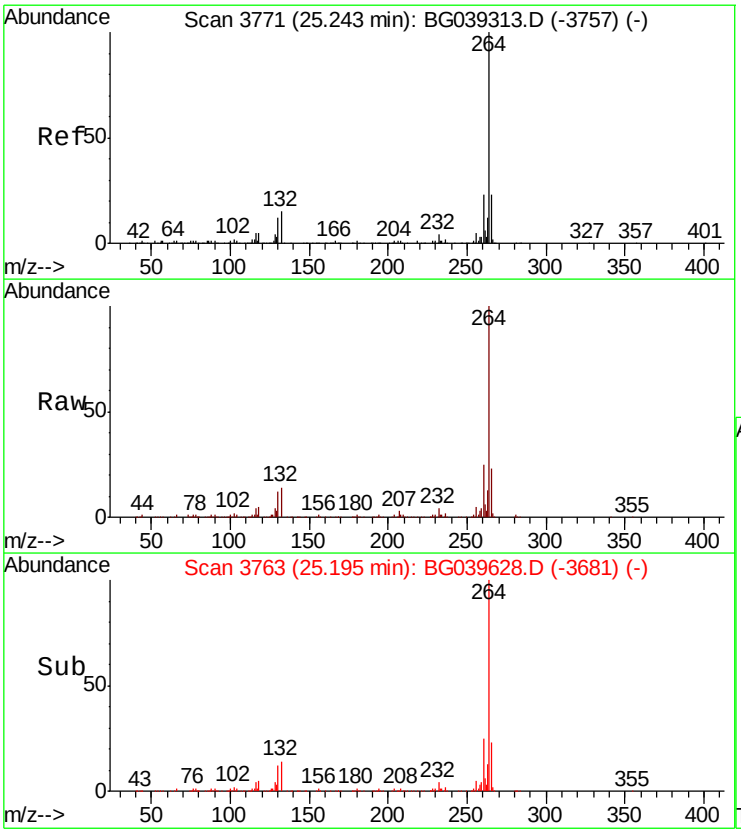
#79
Terphenyl-d14
Concen: 63.286 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.02 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1273833

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





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. -0.05 min
Lab File: BG039628.D
Acq: 27 Feb 2019 9:54

Tgt Ion:264 Resp: 413153

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	22.9	18.5	27.7