Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
Data File : BG039696.D
Acq On : 1 Mar 2019 20:59
Operator : JU/SJ
Sample : PB117532BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117532BL

Quant Time: Mar 02 03:13:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	53157	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	226597	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	155051	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	383453	20.00	ng	0.00
76) Chrysene-d12	21.82	240	409933	20.00	ng	0.00
87) Perylene-d12	25.20	264	393507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	324394	104.45	ng	0.00
7) Phenol-d6	7.31	99	462083	101.07	ng	0.00
23) Nitrobenzene-d5	9.34	82	266023	73.34	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	150128	89.92	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	665521	61.57	ng	0.00
79) Terphenyl-d14	20.12	244	1119149	57.79	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	750	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	34827	10.733	ng	# 63
48) 2-Nitroaniline	13.40	65	1086	8.619	ng	# 6
51) 2,6-Dinitrotoluene	14.79	165	20218	14.017	ng	# 24
57) 2,4-Dinitrotoluene	14.79	165	20218	13.470	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.27	198	294	4.418	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	11140	2.619	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Time: Mar 02 03:13:34 2019
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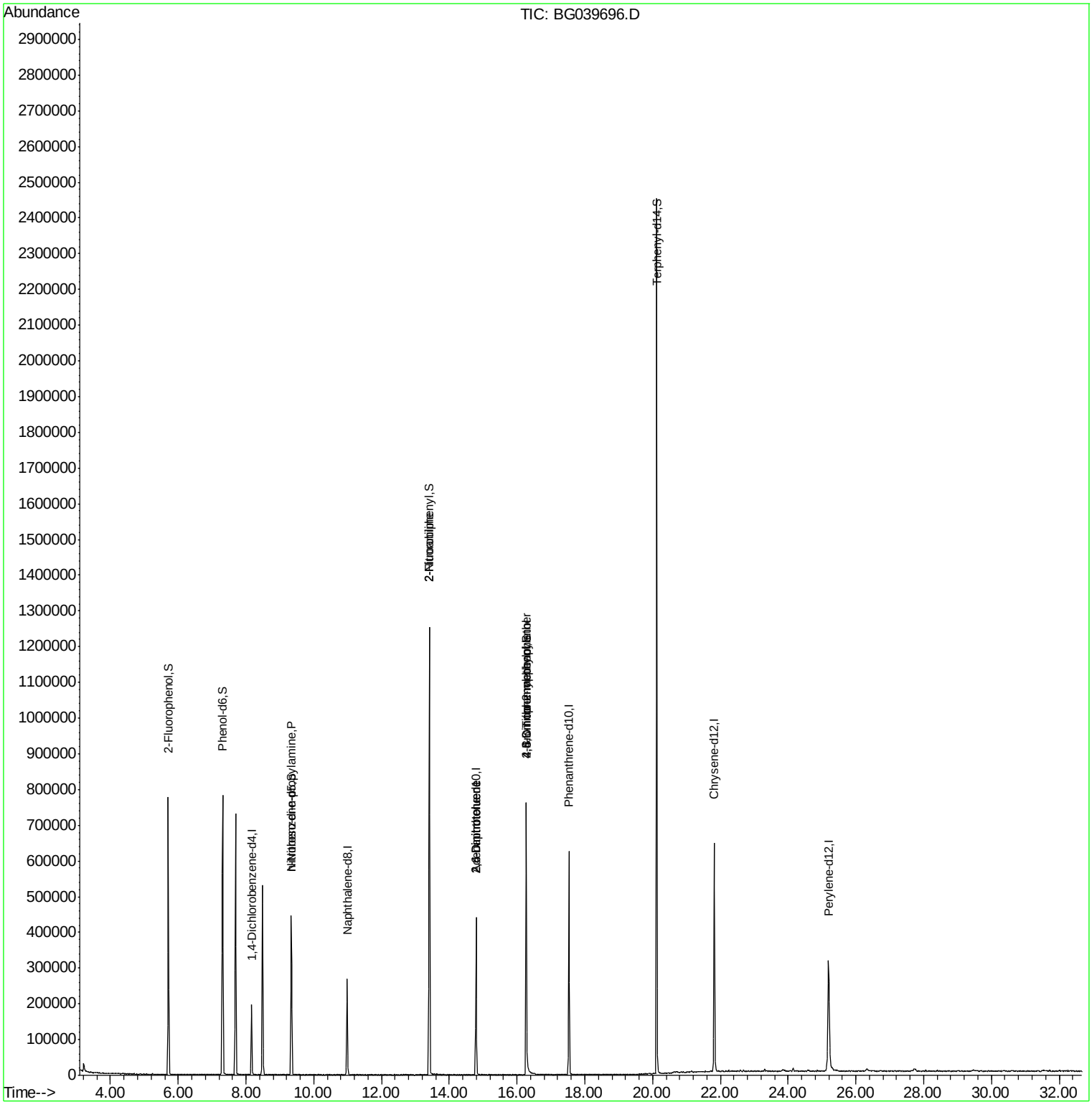
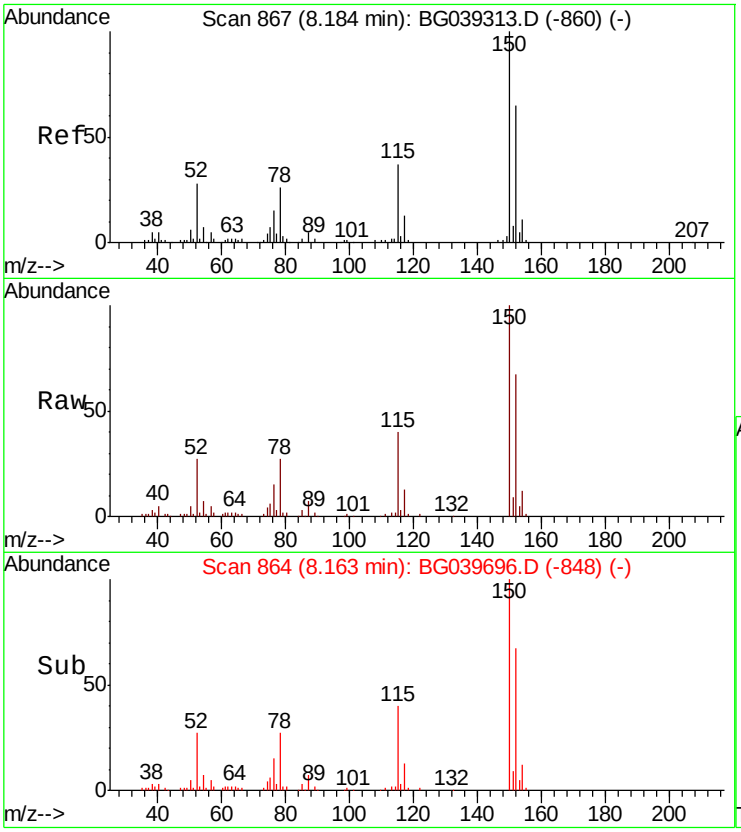
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration



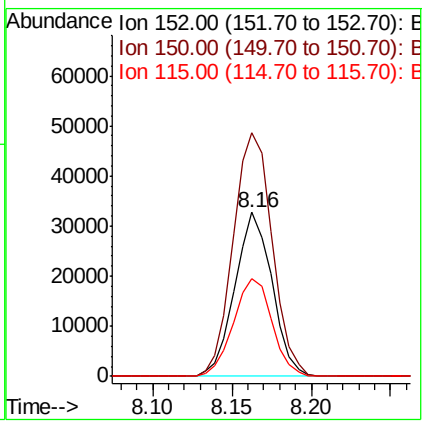


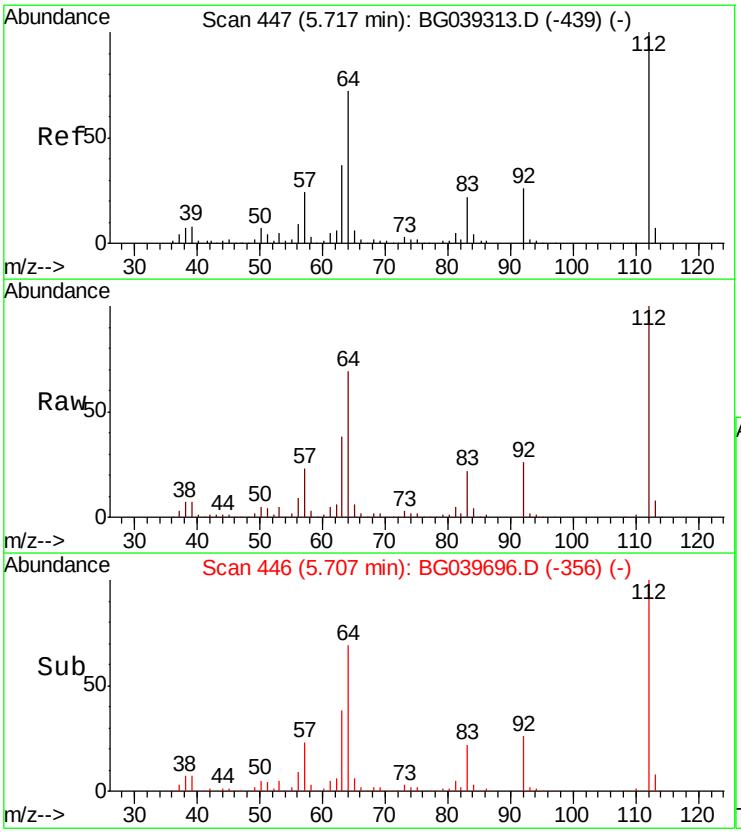
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Instrument :
BNA_G
ClientSampleId :
PB117532BL

Tgt Ion:152 Resp: 53157

Ion	Ratio	Lower	Upper
152	100		
150	148.3	123.7	185.5
115	59.6	45.9	68.9

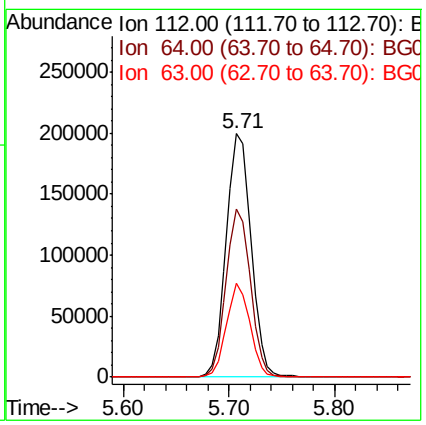


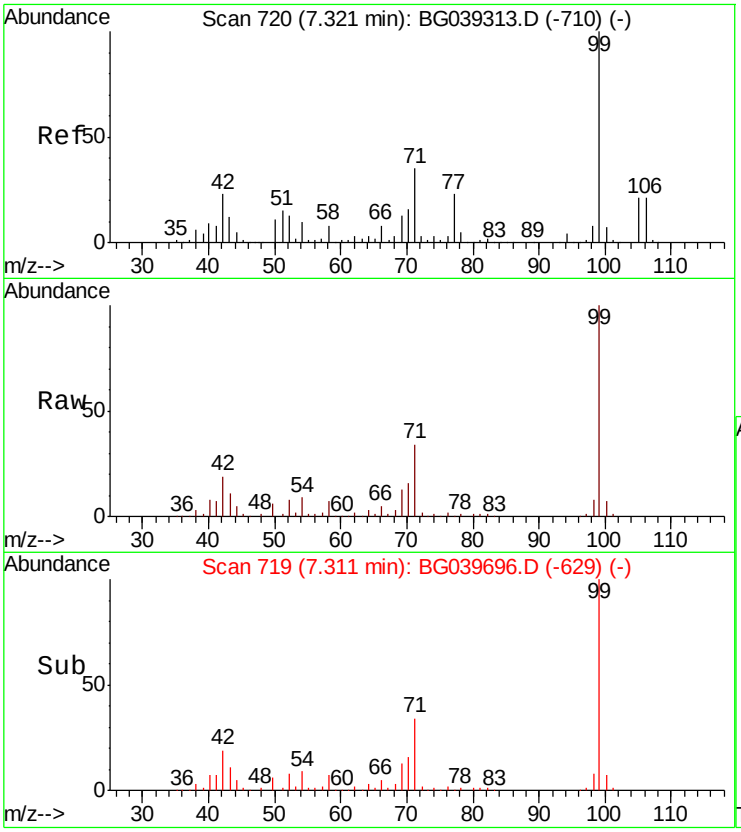


#5
2-Fluorophenol
Concen: 104.446 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Tgt Ion:112 Resp: 324394

Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.8	86.8
63	38.4	29.8	44.6



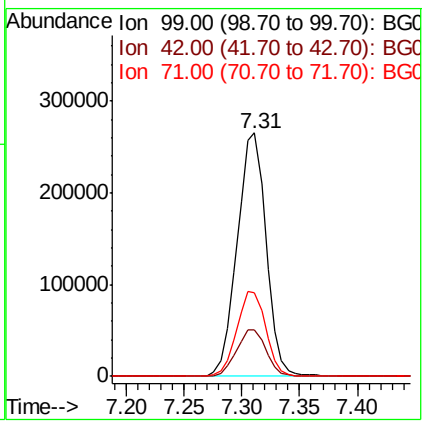


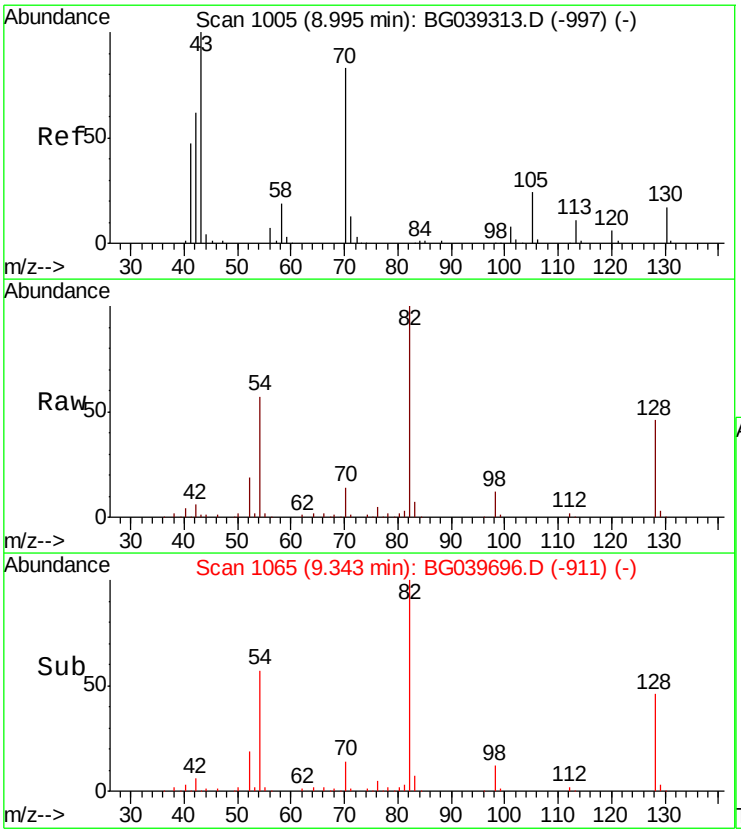
#7
Phenol-d6
Concen: 101.074 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Instrument :
BNA_G
ClientSampleId :
PB117532BL

Tgt Ion: 99 Resp: 462083

Ion	Ratio	Lower	Upper
99	100		
42	19.3	18.2	27.2
71	34.3	28.0	42.0

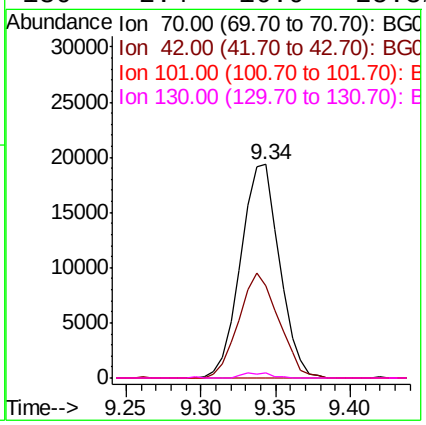


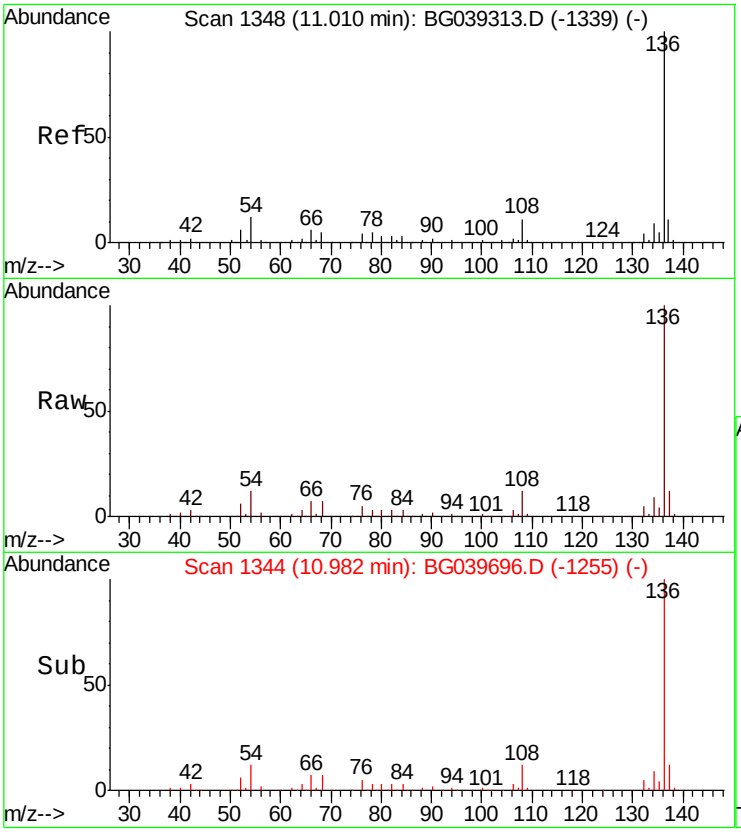


#19
n-Nitroso-di-n-propylamine
Concen: 10.733 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.37 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Tgt Ion: 70 Resp: 34827

Ion	Ratio	Lower	Upper
70	100		
42	43.1	60.4	90.6#
101	0.0	7.5	11.3#
130	2.4	16.9	25.3#



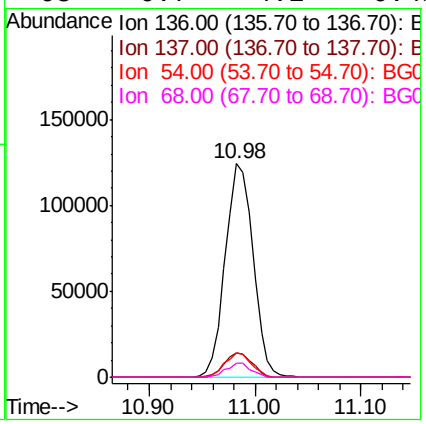


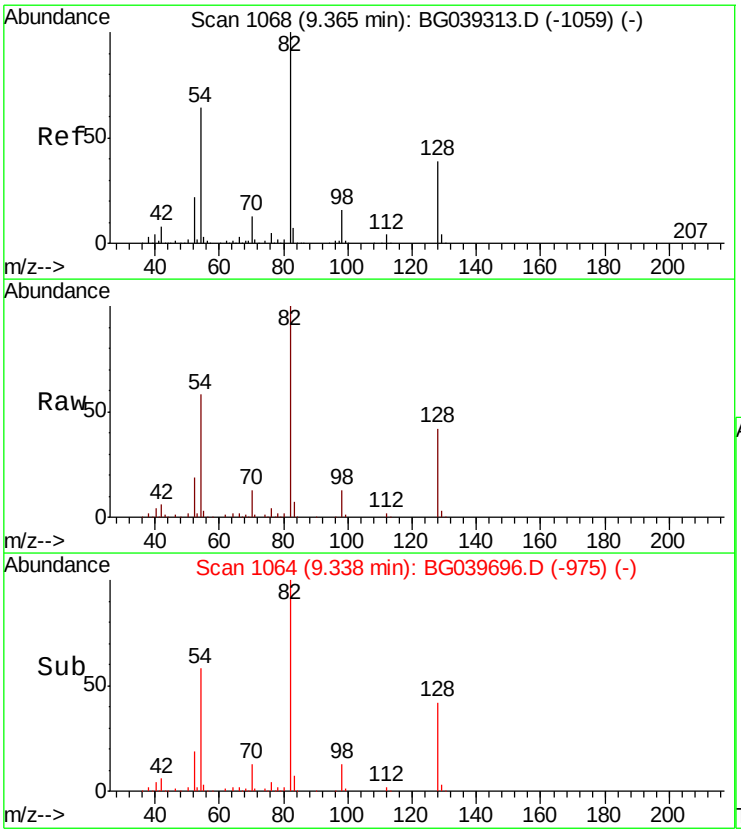
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Instrument :
BNA_G
ClientSampleId :
PB117532BL

Tgt Ion:136 Resp: 226597

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.7	9.4	14.2
68	6.7	4.2	6.4#

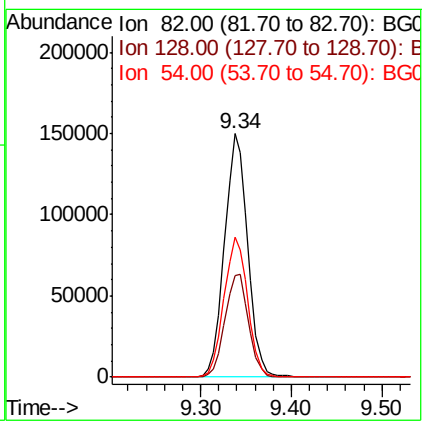


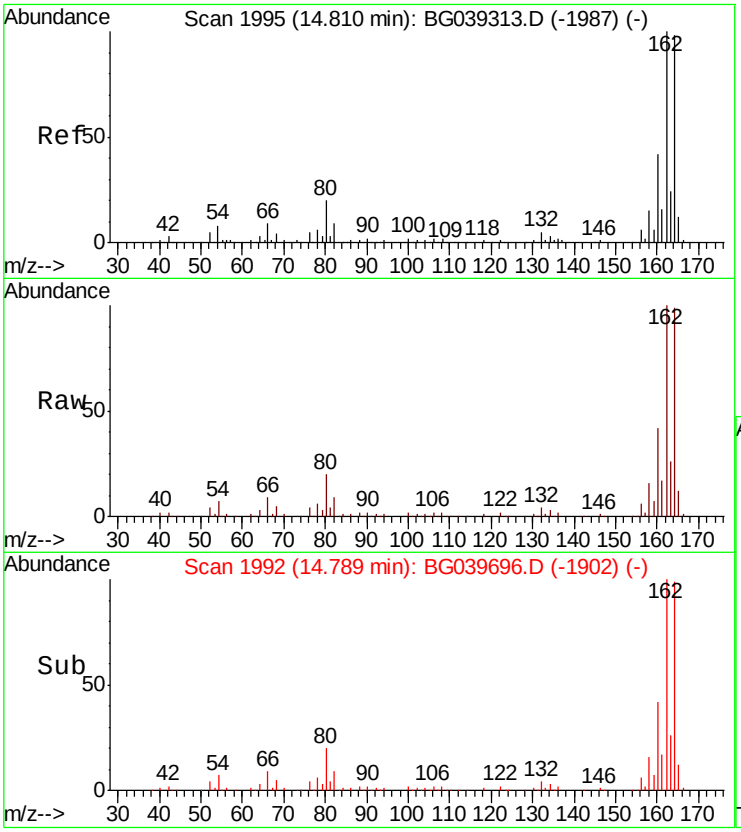


#23
Nitrobenzene-d5
Concen: 73.341 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Tgt Ion: 82 Resp: 266023

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.3	46.9
54	57.6	50.9	76.3



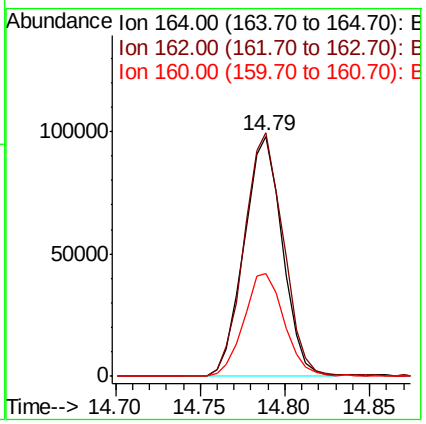


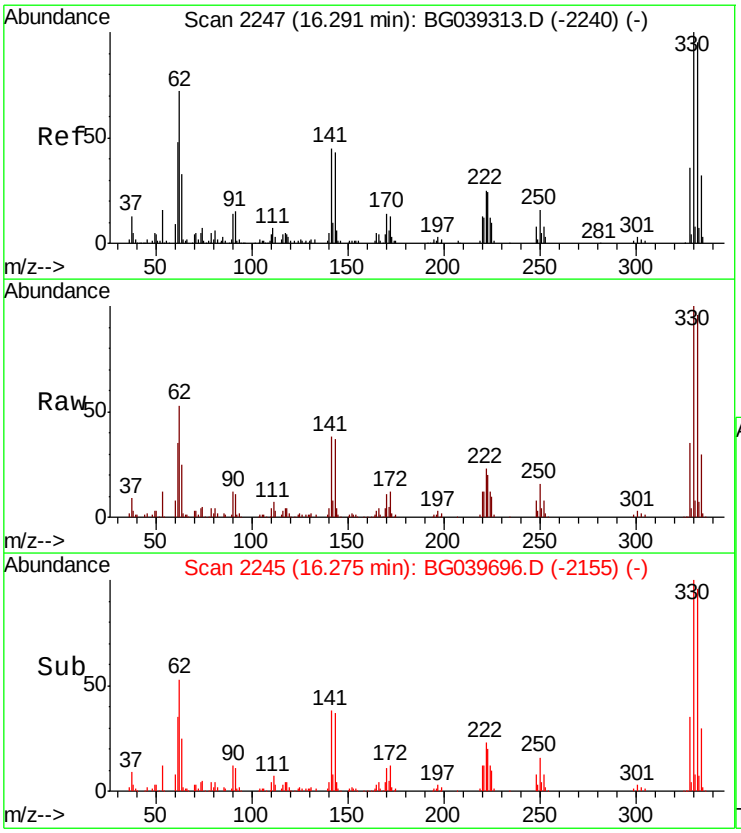
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Instrument :
BNA_G
ClientSampleId :
PB117532BL

Tgt Ion:164 Resp: 155051

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.6	122.4
160	43.0	34.2	51.2

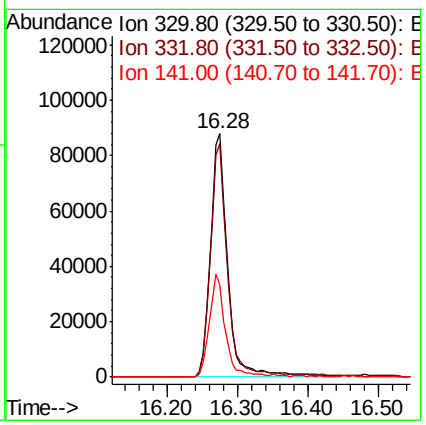


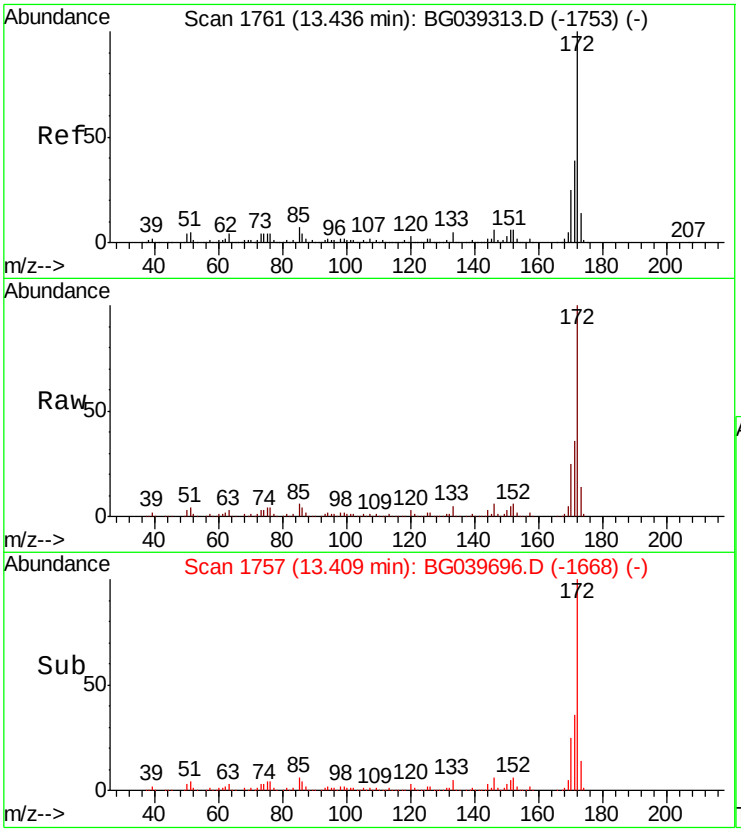


#42
2,4,6-Tribromophenol
Concen: 89.917 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Tgt Ion:330 Resp: 150128

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	39.5	35.6	53.4



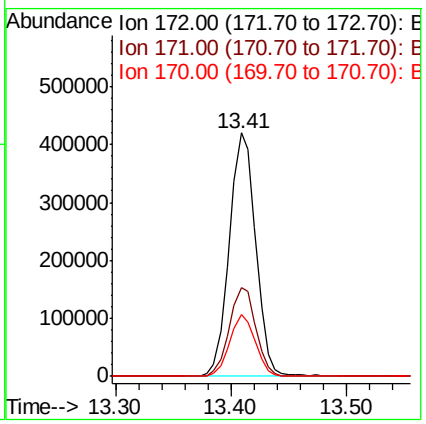


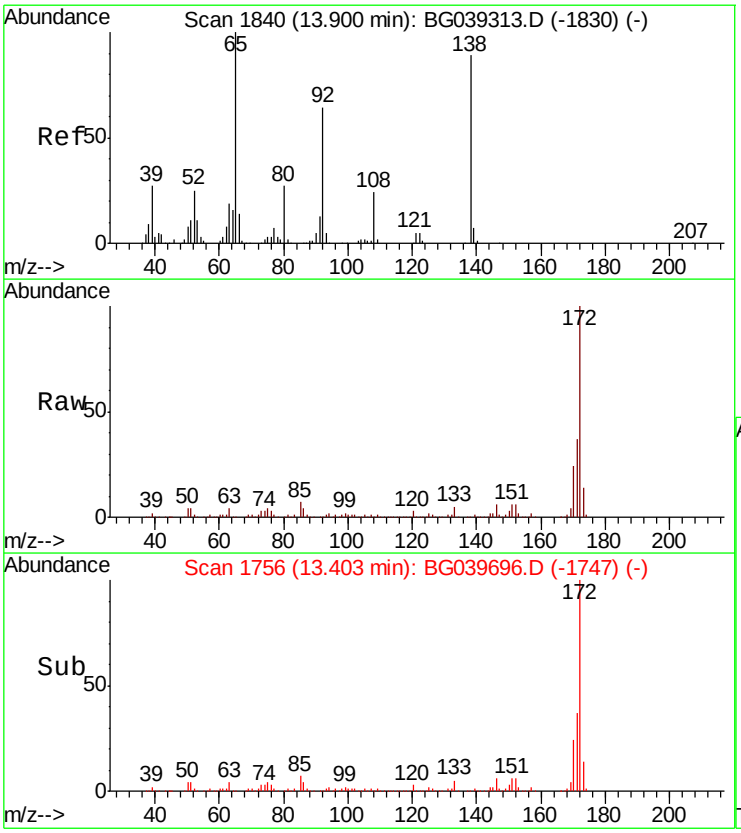
#45
2-Fluorobiphenyl
Concen: 61.575 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Instrument :
BNA_G
ClientSampleId :
PB117532BL

Tgt Ion:172 Resp: 665521

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.8	46.2
170	25.4	20.2	30.4

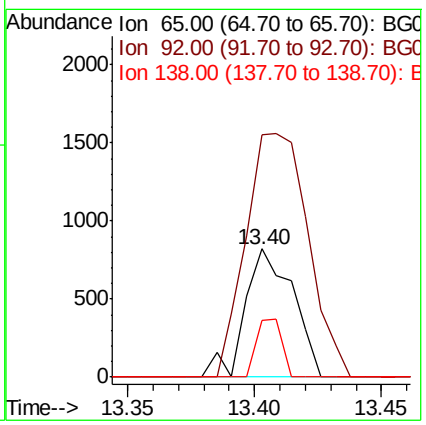


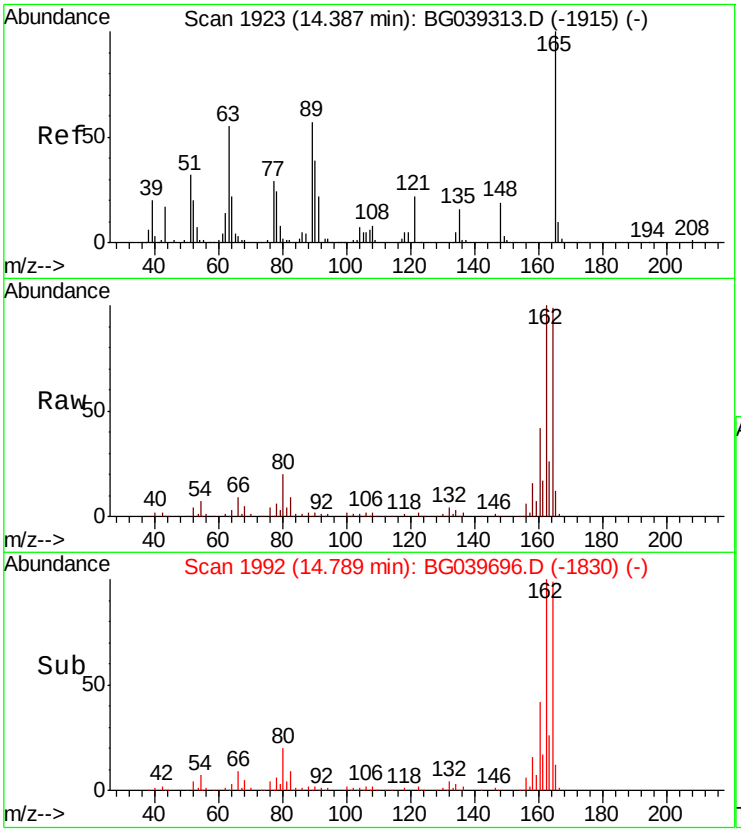


#48
2-Nitroaniline
Concen: 8.619 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.48 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Tgt Ion: 65 Resp: 1086

Ion	Ratio	Lower	Upper
65	100		
92	188.7	51.4	77.2#
138	44.6	71.4	107.2#



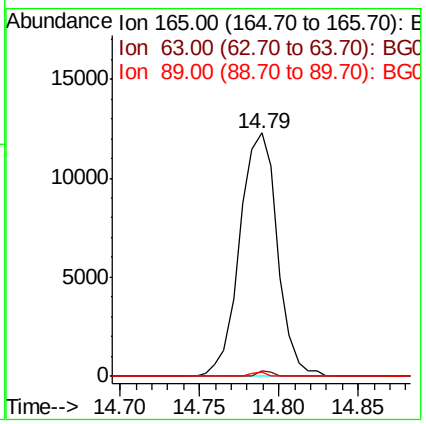


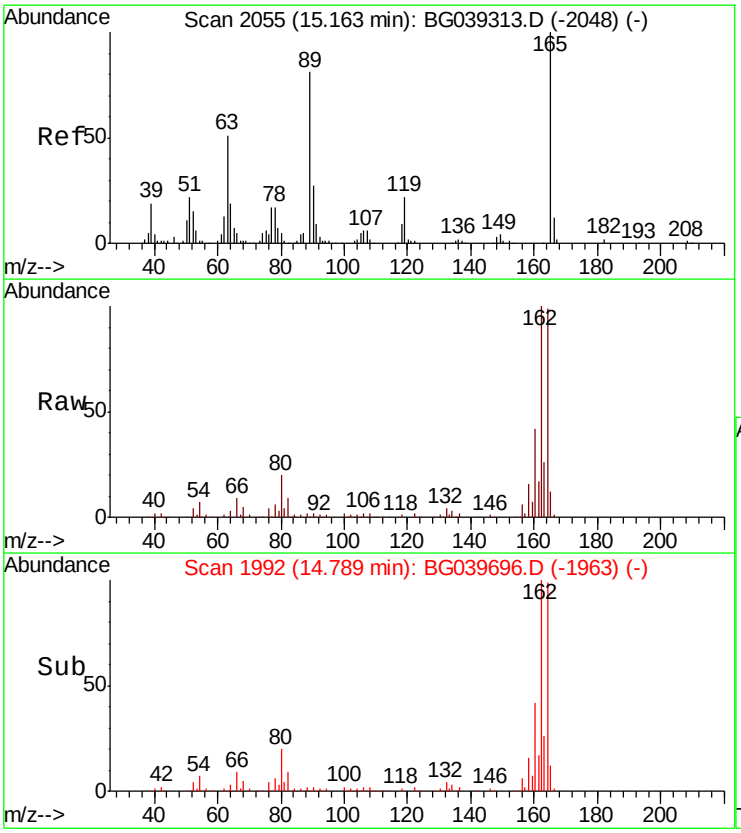
#51
2,6-Dinitrotoluene
Concen: 14.017 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.42 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Instrument :
BNA_G
ClientSampleId :
PB117532BL

Tgt Ion:165 Resp: 20218

Ion	Ratio	Lower	Upper
165	100		
63	2.1	47.0	70.6#
89	1.6	45.8	68.8#

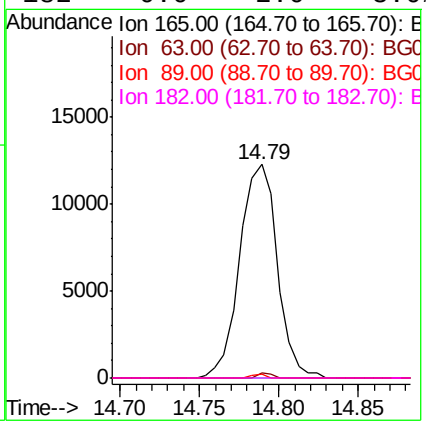


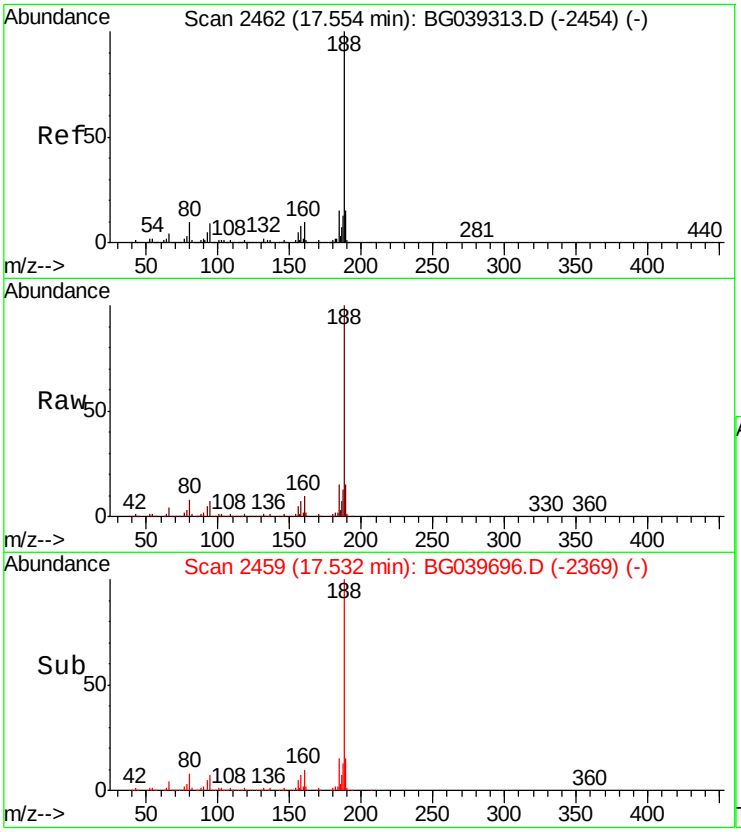


#57
2,4-Dinitrotoluene
Concen: 13.470 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.36 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Tgt Ion:165 Resp: 20218

Ion	Ratio	Lower	Upper
165	100		
63	2.1	41.0	61.6#
89	1.6	64.6	96.8#
182	0.0	2.0	3.0#



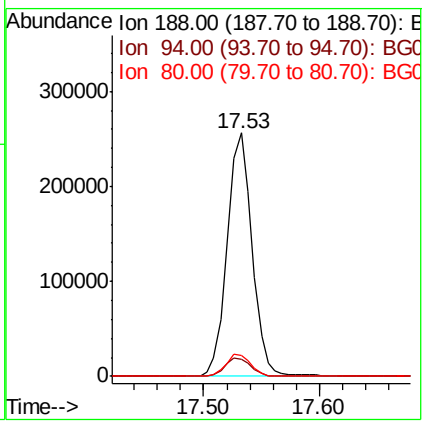


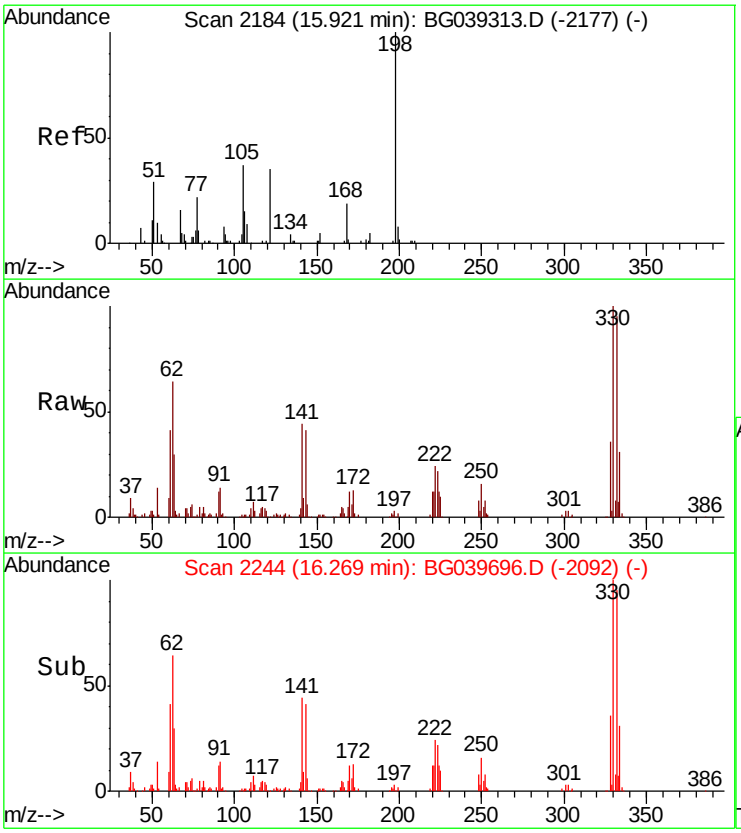
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Instrument :
BNA_G
ClientSampleId :
PB117532BL

Tgt Ion:188 Resp: 383453

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.5	8.1	12.1

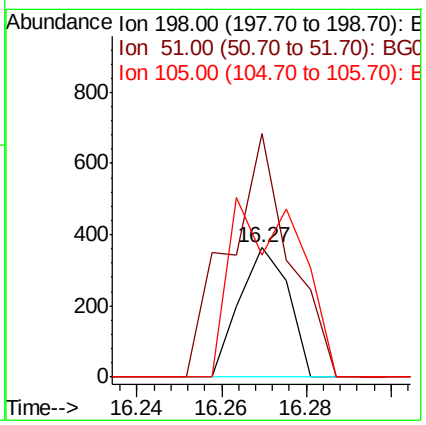


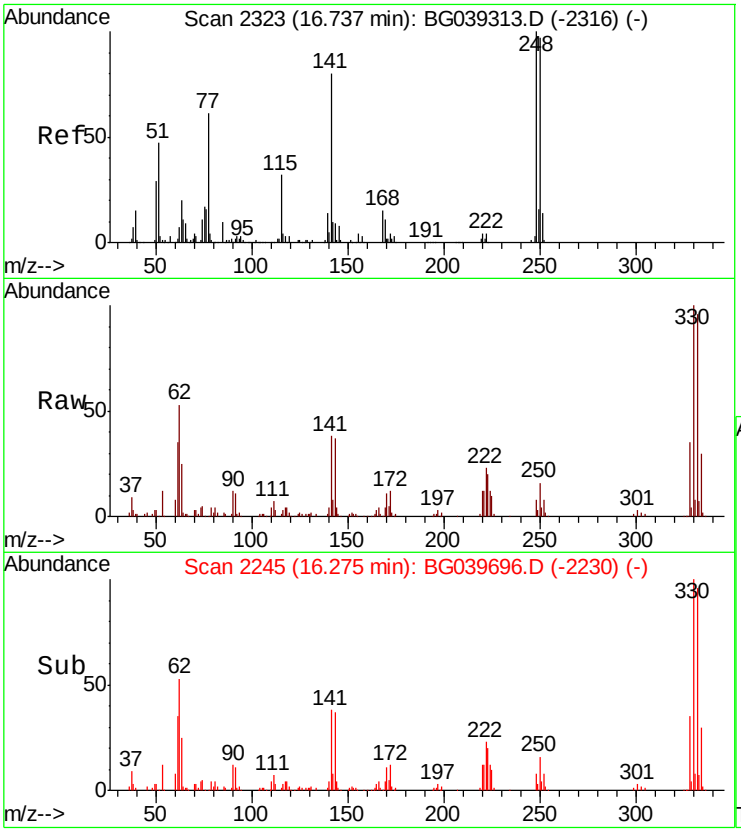


#65
4,6-Dinitro-2-methylphenol
Concen: 4.418 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.36 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Tgt Ion:198 Resp: 294

Ion	Ratio	Lower	Upper
198	100		
51	187.9	27.4	67.4#
105	93.7	19.7	59.7#



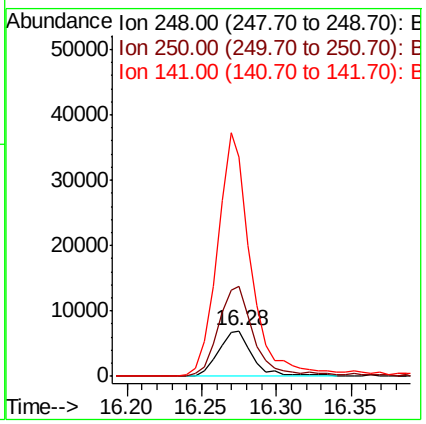


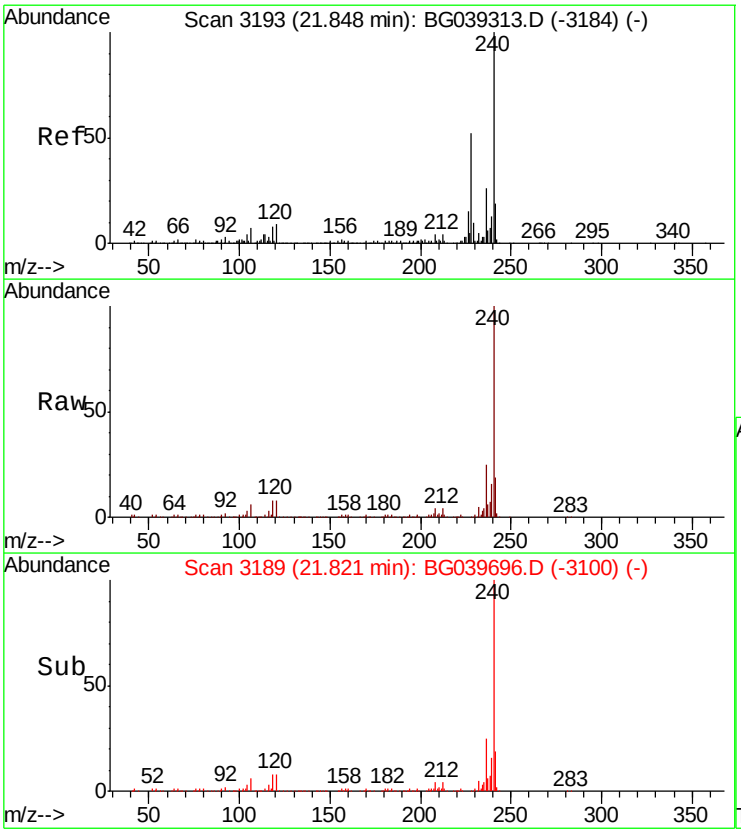
#67
4-Bromophenyl-phenylether
Concen: 2.619 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.44 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Instrument :
BNA_G
ClientSampleId :
PB117532BL

Tgt Ion:248 Resp: 11140

Ion	Ratio	Lower	Upper
248	100		
250	196.1	77.6	116.4#
141	477.7	63.9	95.9#

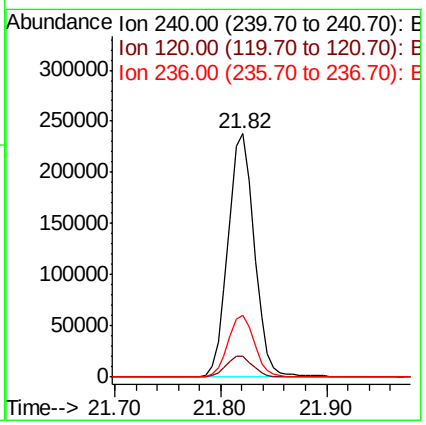


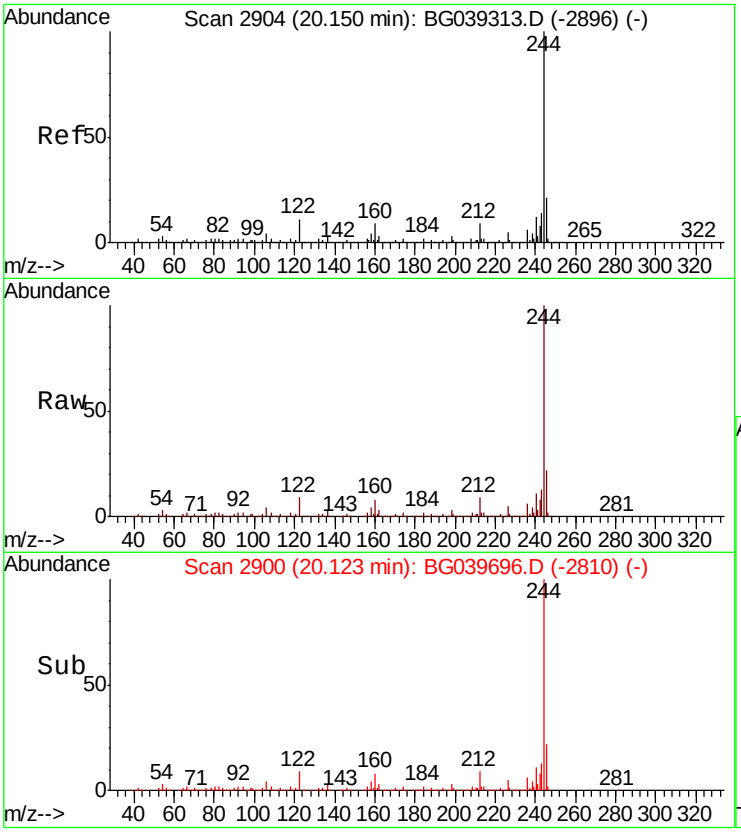


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Tgt Ion:240 Resp: 409933

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	25.5	21.0	31.4



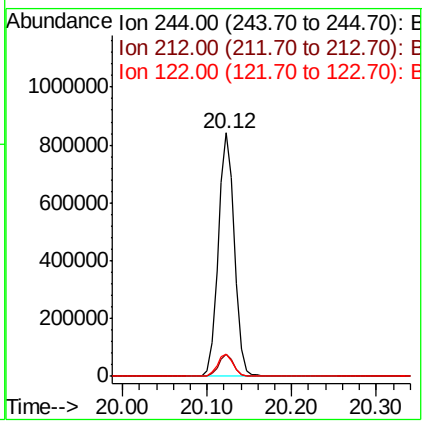


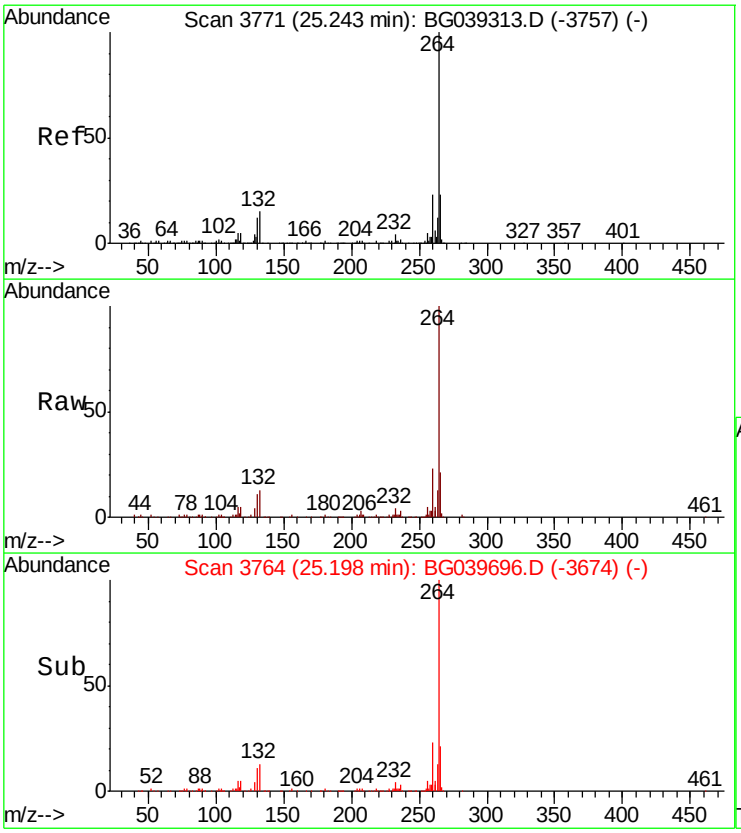
#79
Terphenyl-d14
Concen: 57.787 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Instrument :
BNA_G
ClientSampleId :
PB117532BL

Tgt Ion:244 Resp: 1119149

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.4	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.00 min
Lab File: BG039696.D
Acq: 1 Mar 2019 20:59

Tgt Ion:264 Resp: 393507

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.5	18.5	27.7