Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039662.D
Acq On : 28 Feb 2019 16:22
Operator : JU/SJ
Sample : PB117458BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 01 06:03:19 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	8.16	152	41405	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	200311	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	165088	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	502538	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	453541	20.00	ng	-0.03
87) Perylene-d12	25.20	264	436217	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	347219	143.53	ng	0.00
7) Phenol-d6	7.31	99	526160	147.76	ng	0.00
23) Nitrobenzene-d5	9.34	82	294137	91.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	259852	146.17	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	834635	72.53	ng	-0.02
79) Terphenyl-d14	20.12	244	1637281	76.41	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.30	77	731	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	38066	15.061	ng	# 69
32) Benzoic acid	10.52	122	61	9.047	ng	# 1
48) 2-Nitroaniline	13.41	65	1584	8.738	ng	# 15
51) 2,6-Dinitrotoluene	14.79	165	21252	13.922	ng	# 24
57) 2,4-Dinitrotoluene	14.79	165	21252	13.398	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.27	198	853	4.719	ng	# 9
67) 4-Bromophenyl-phenylether	16.28	248	20550	3.686	ng	# 1

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

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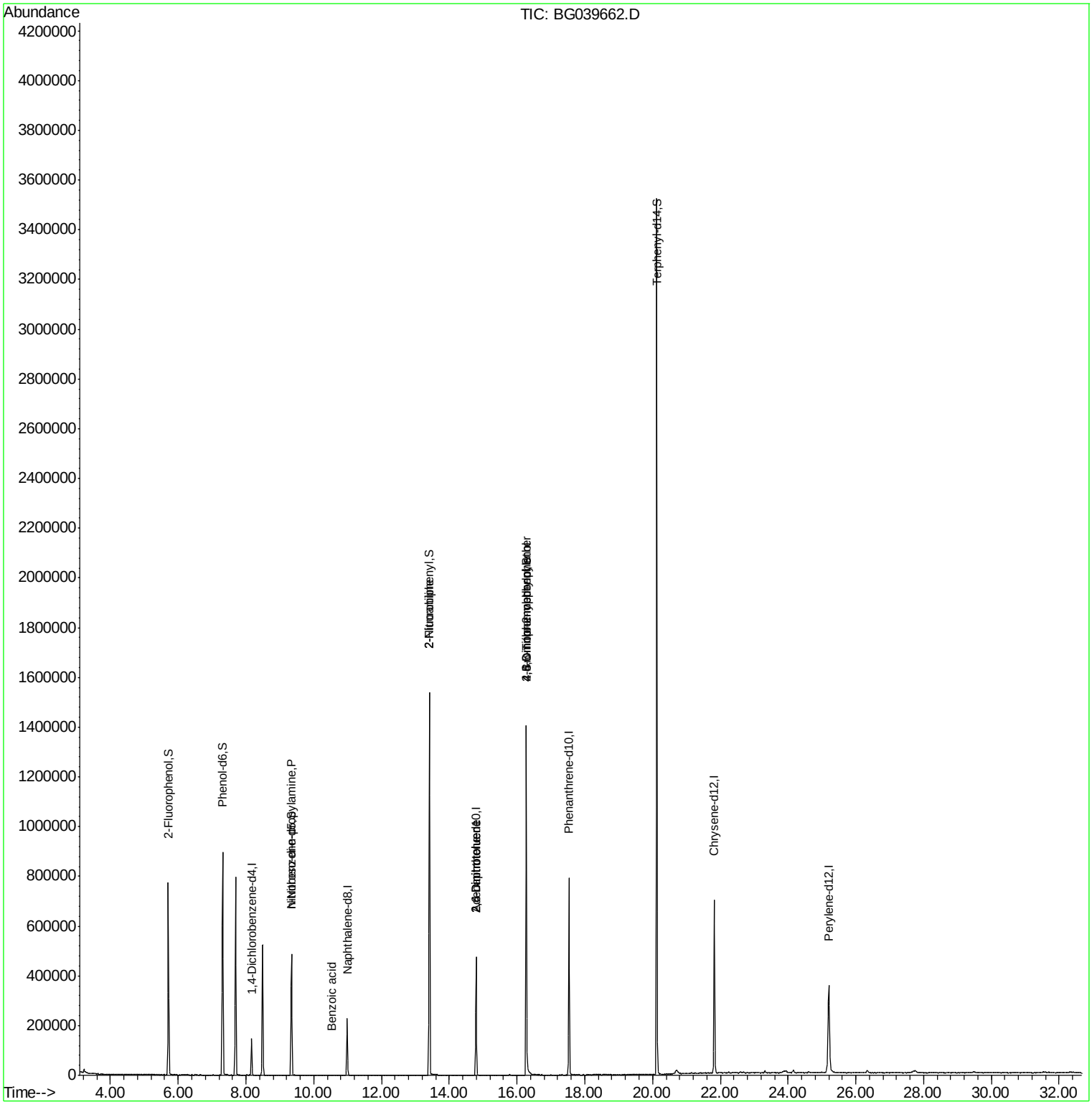
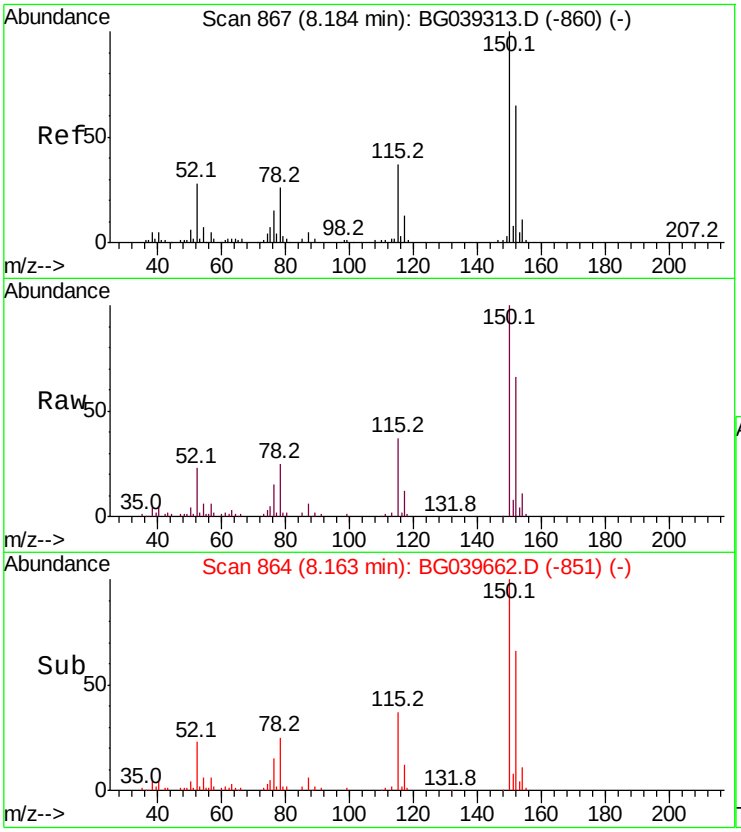
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



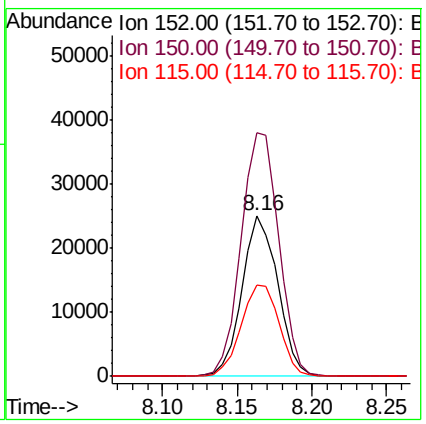


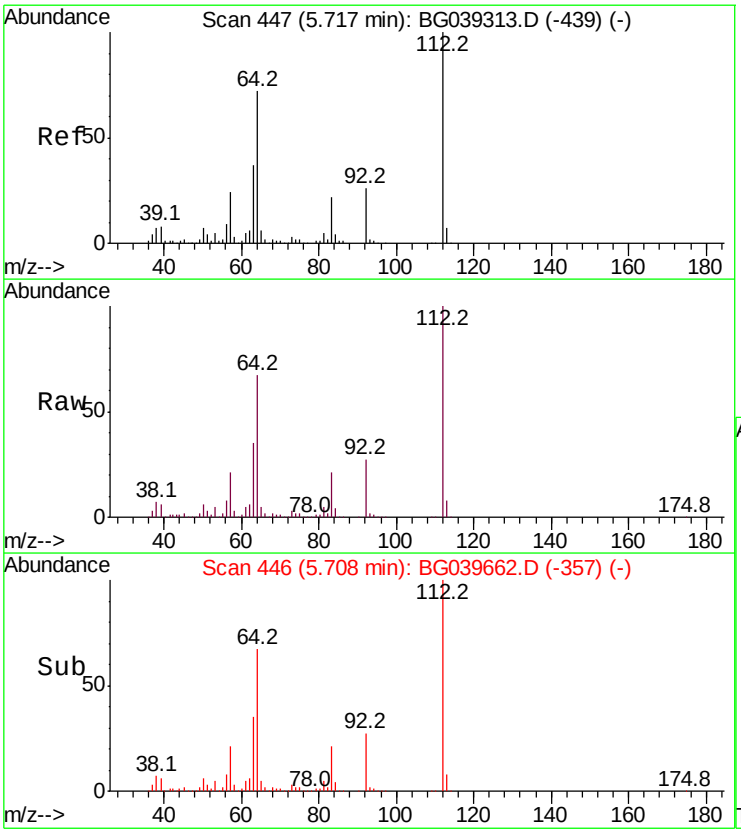
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41405

Ion	Ratio	Lower	Upper
152	100		
150	151.5	123.7	185.5
115	56.6	45.9	68.9

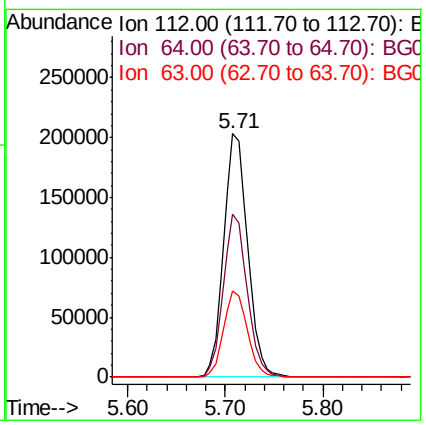


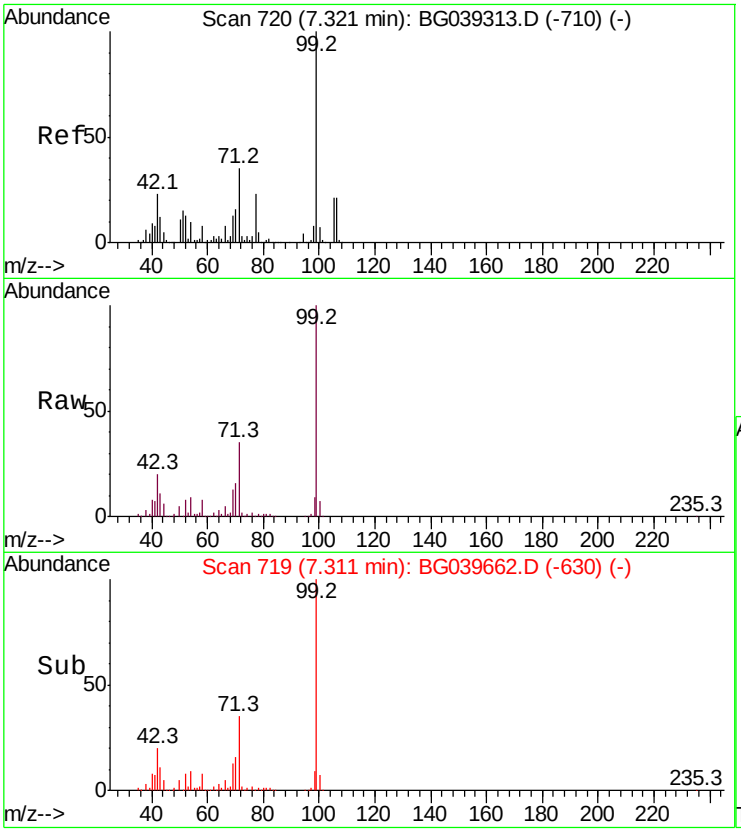


#5
2-Fluorophenol
Concen: 143.526 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Tgt Ion:112 Resp: 347219

Ion	Ratio	Lower	Upper
112	100		
64	67.2	57.8	86.8
63	35.3	29.8	44.6



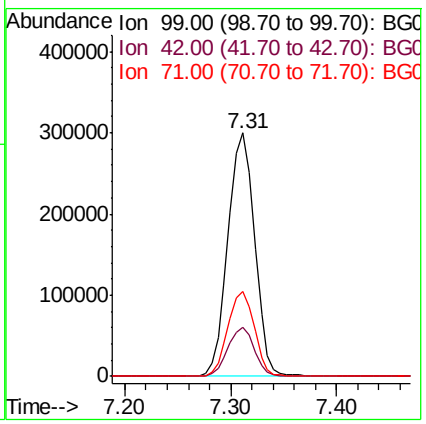


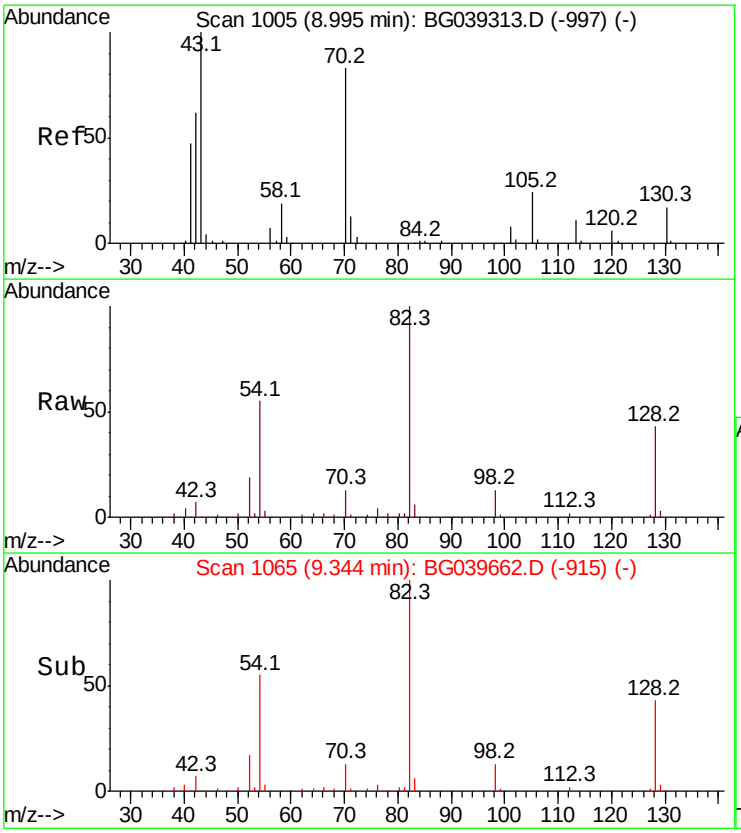
#7
Phenol-d6
Concen: 147.756 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 526160

Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.2	27.2
71	35.1	28.0	42.0

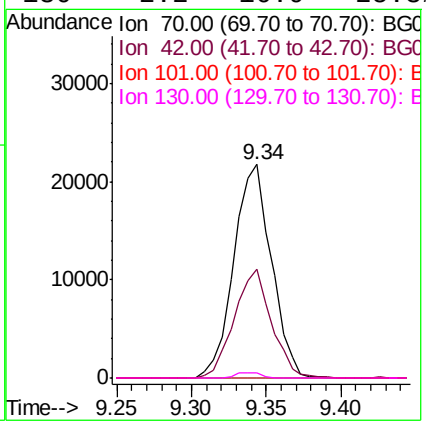


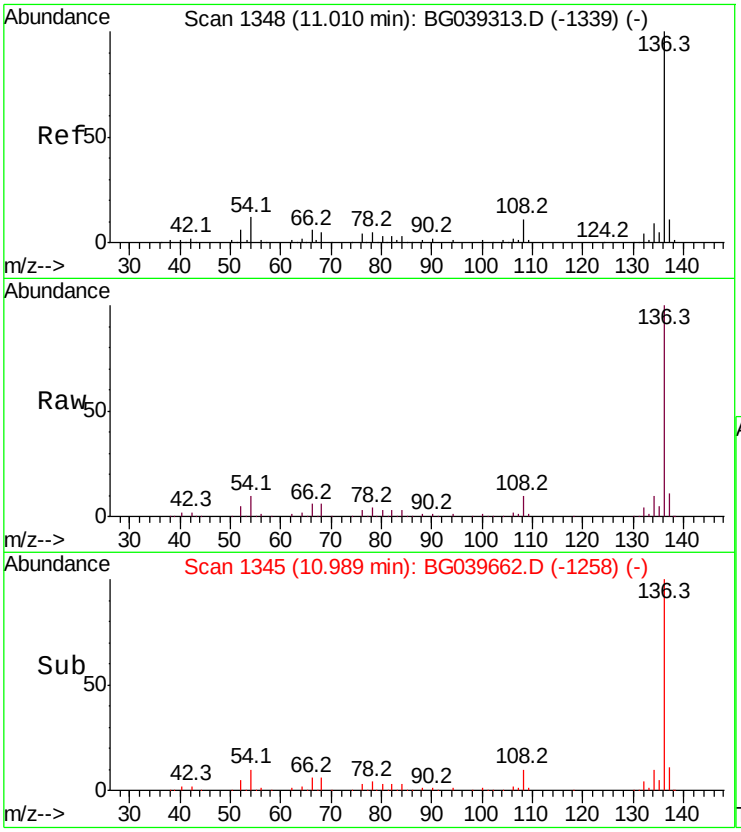


#19
n-Nitroso-di-n-propylamine
Concen: 15.061 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Tgt Ion: 70 Resp: 38066

Ion	Ratio	Lower	Upper
70	100		
42	50.7	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



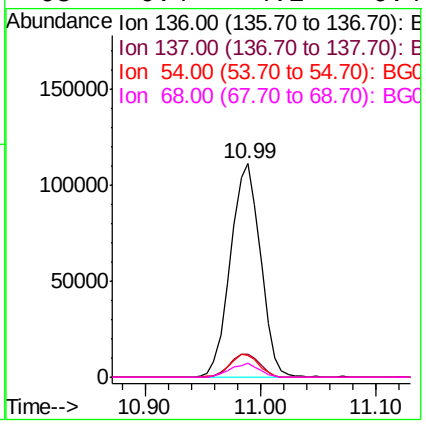


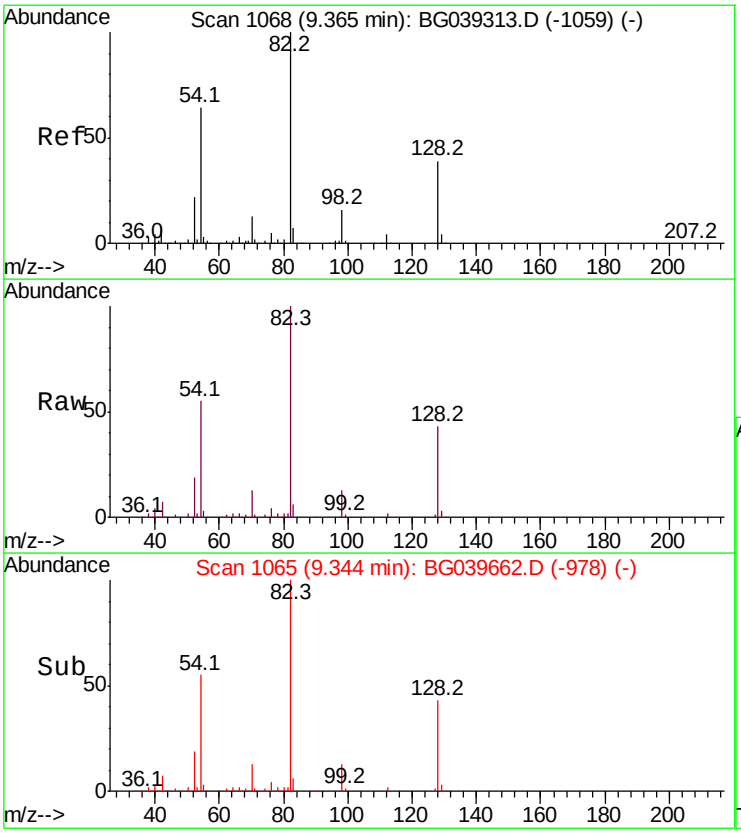
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 200311

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	9.9	9.4	14.2
68	6.4	4.2	6.4

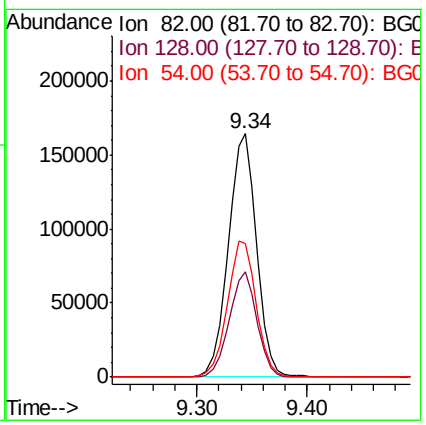


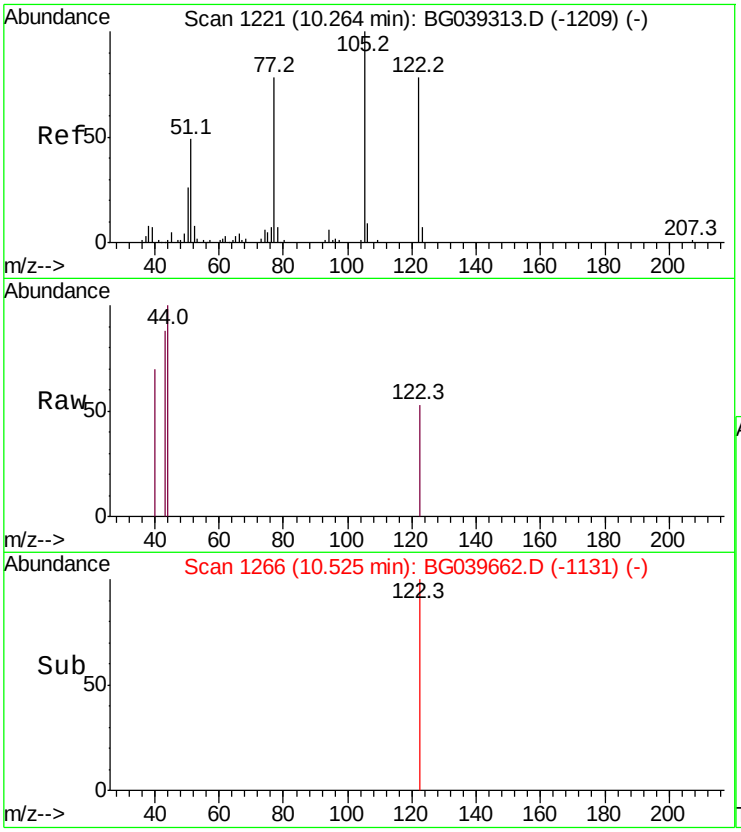


#23
Nitrobenzene-d5
Concen: 91.733 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Tgt Ion: 82 Resp: 294137

Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.3	46.9
54	55.0	50.9	76.3



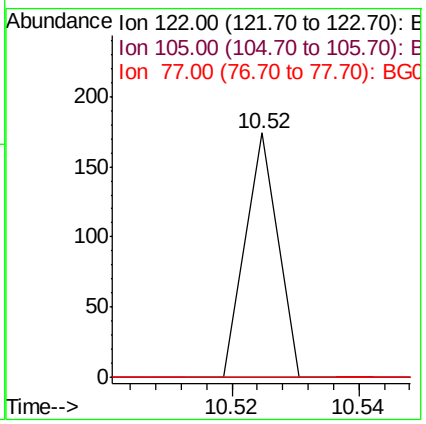


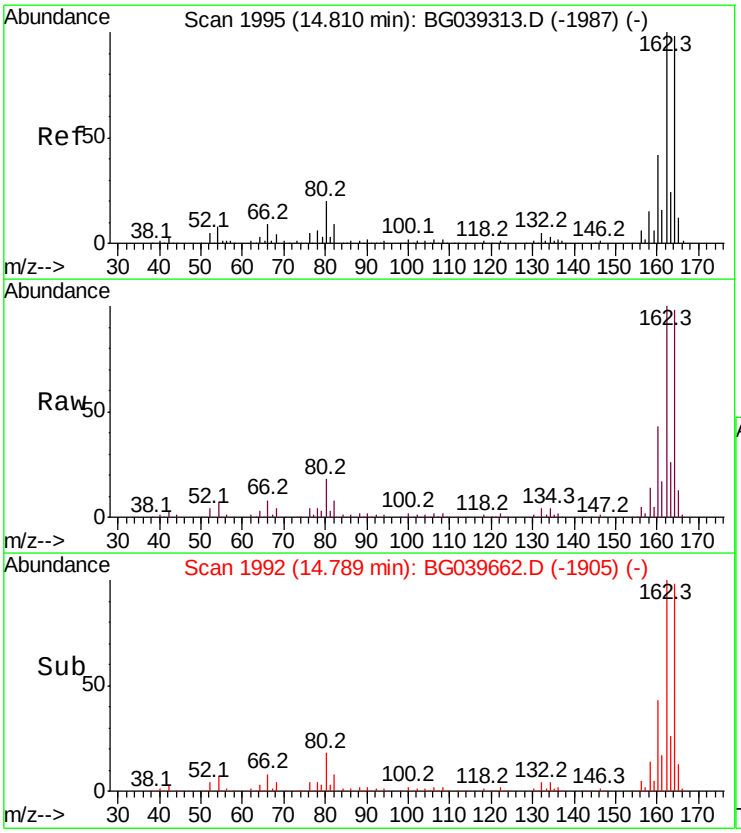
#32
Benzoic acid
Concen: 9.047 ng
RT: 10.52 min Scan# 1266
Delta R.T. 0.26 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 61

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

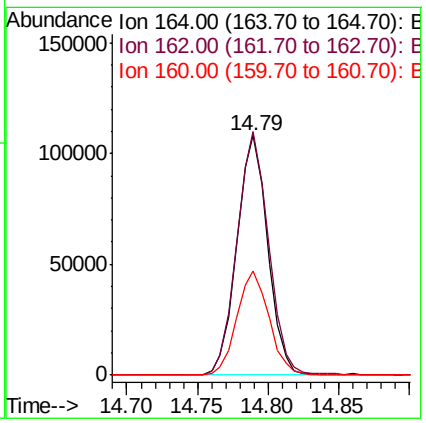


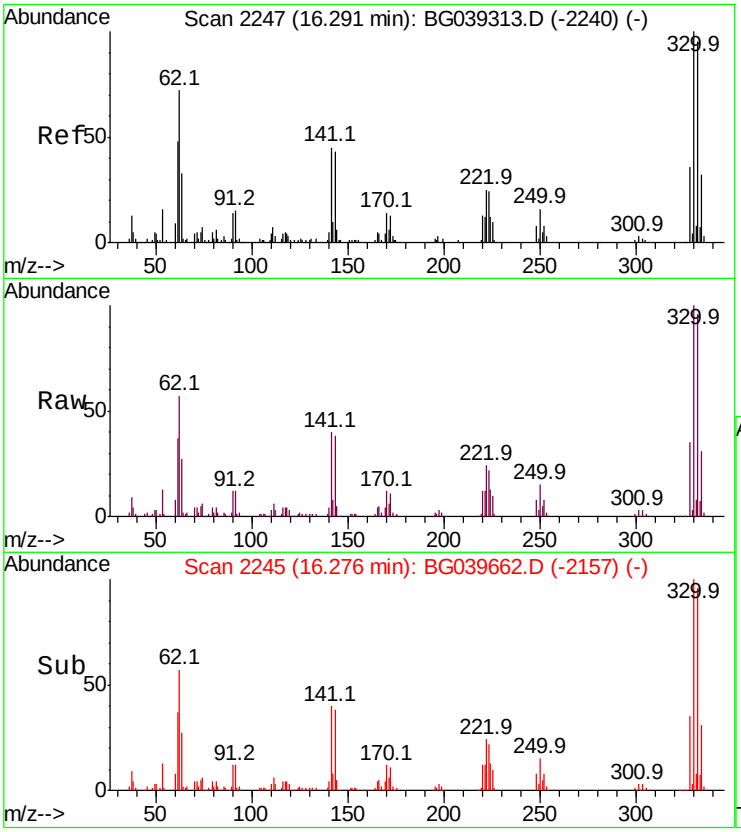


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Tgt Ion:164 Resp: 165088

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.6	122.4
160	43.6	34.2	51.2



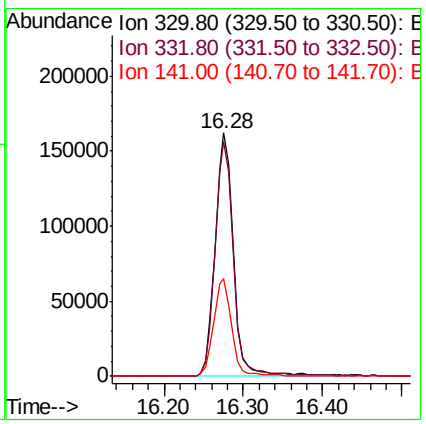


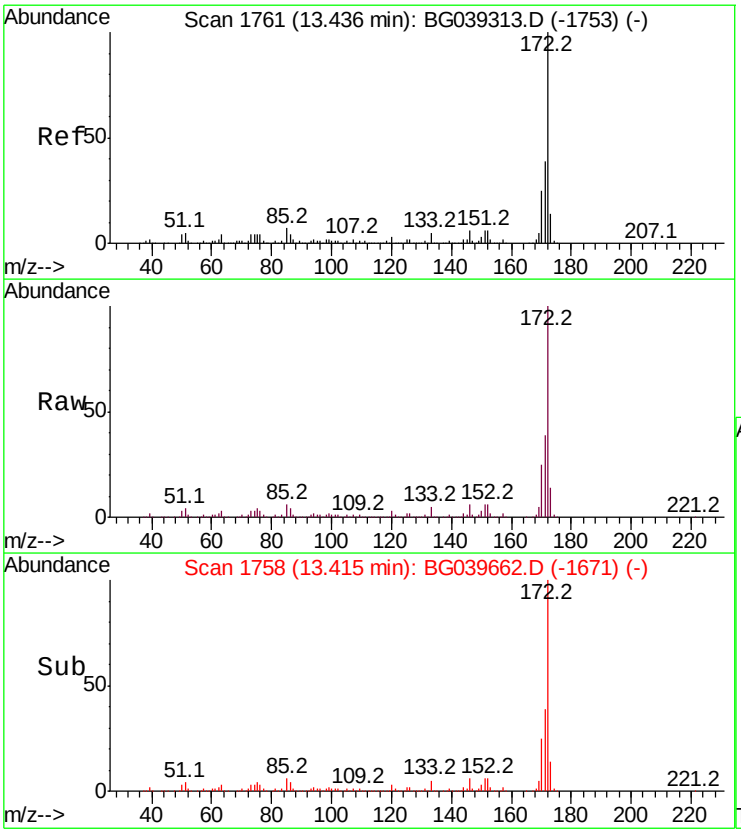
#42
2,4,6-Tribromophenol
Concen: 146.172 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 259852

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	39.3	35.6	53.4

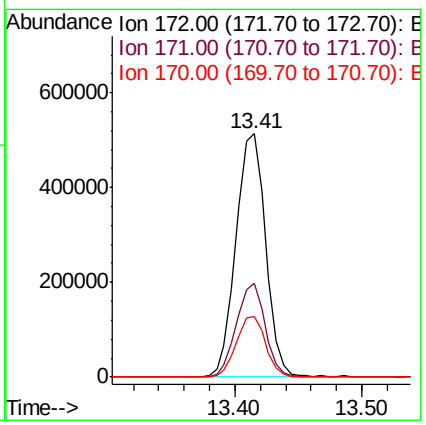


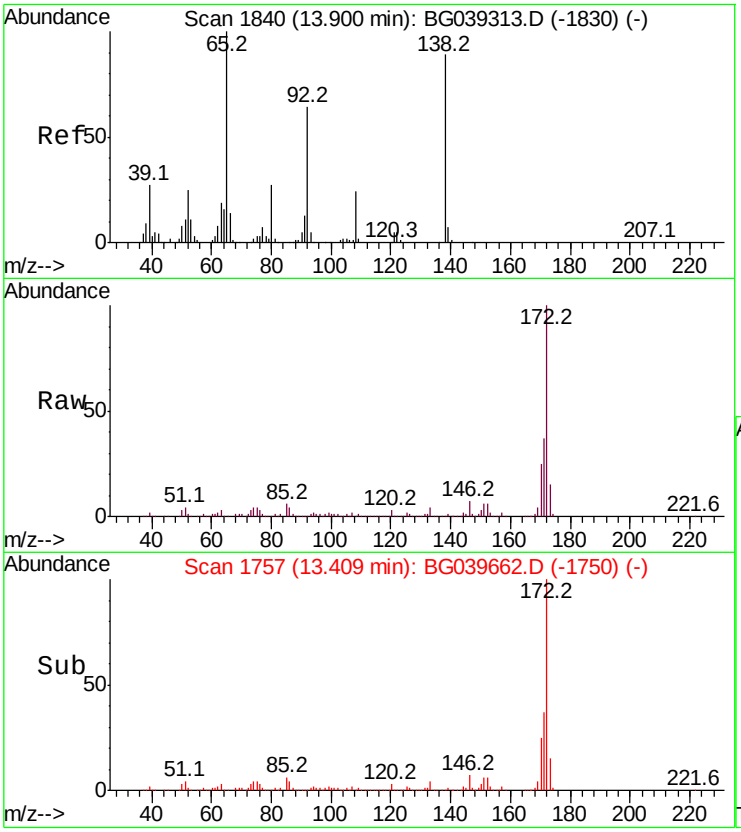


#45
2-Fluorobiphenyl
Concen: 72.527 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Tgt Ion:172 Resp: 834635

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	24.9	20.2	30.4



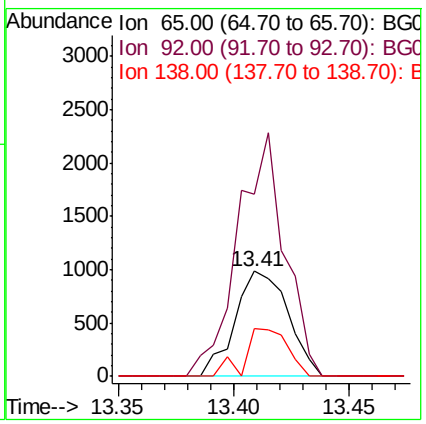


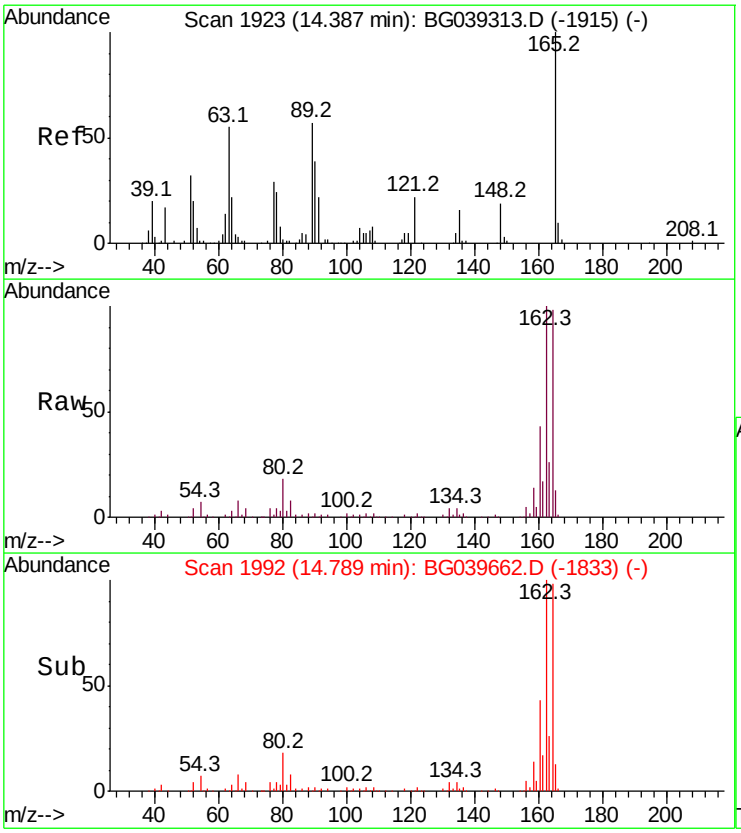
#48
2-Nitroaniline
Concen: 8.738 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.49 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1584

Ion	Ratio	Lower	Upper
65	100		
92	173.4	51.4	77.2#
138	46.1	71.4	107.2#

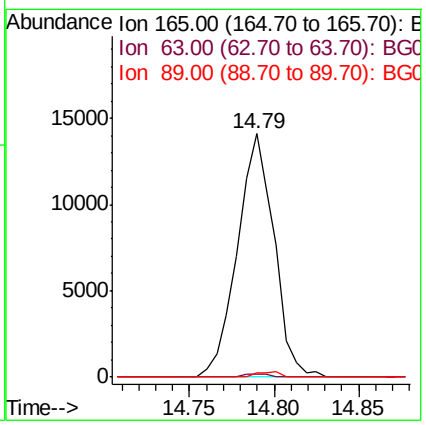


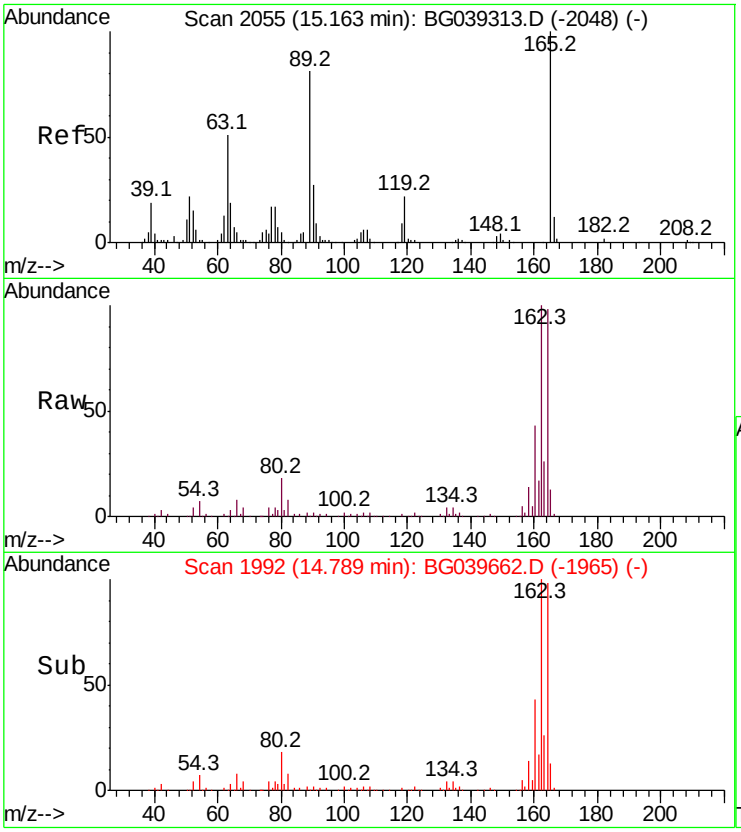


#51
2,6-Dinitrotoluene
Concen: 13.922 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Tgt Ion:165 Resp: 21252

Ion	Ratio	Lower	Upper
165	100		
63	1.1	47.0	70.6#
89	2.0	45.8	68.8#



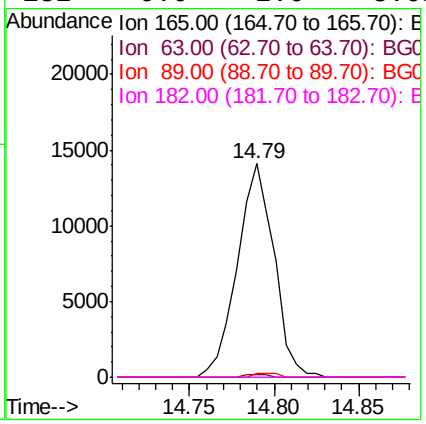


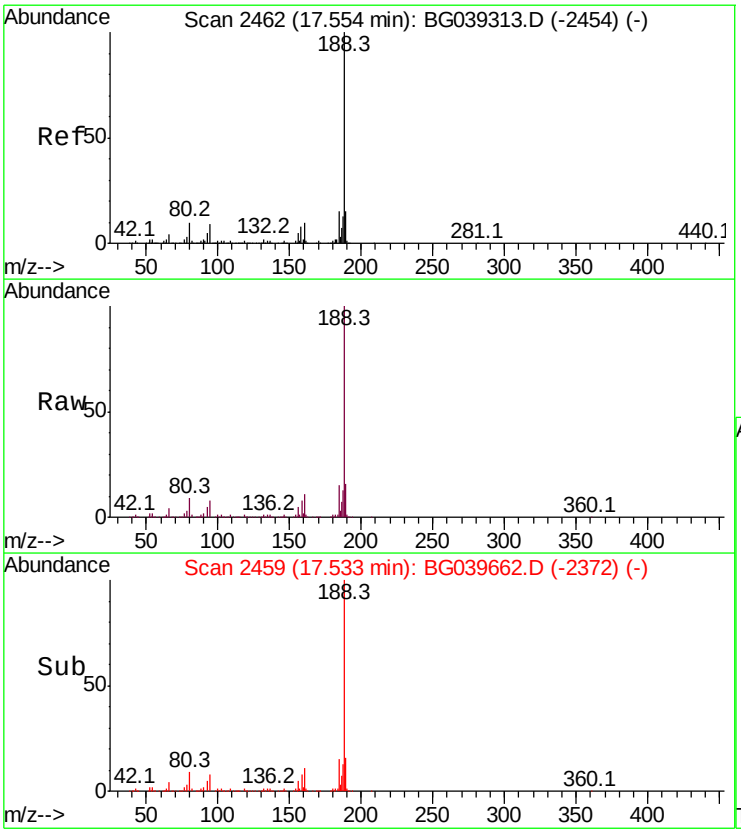
#57
2,4-Dinitrotoluene
Concen: 13.398 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21252

Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.0	61.6#
89	2.0	64.6	96.8#
182	0.0	2.0	3.0#

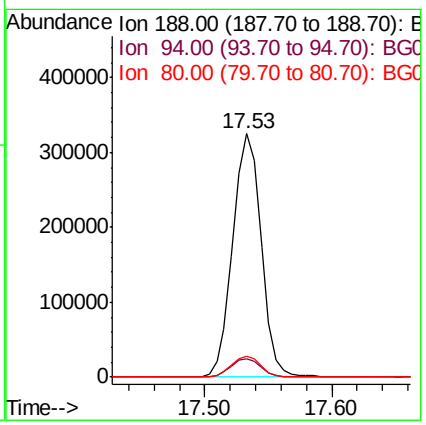


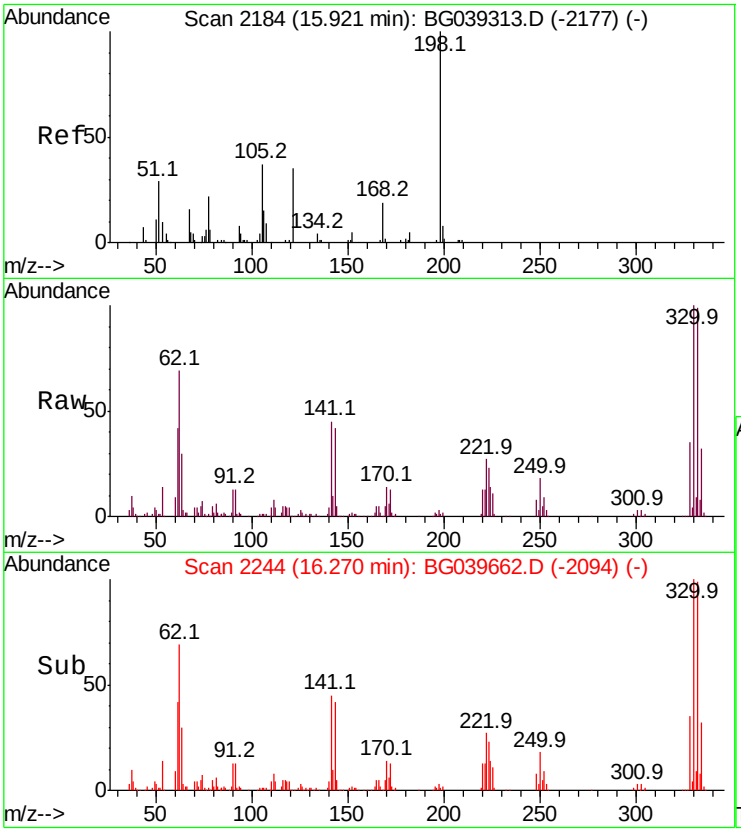


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Tgt Ion:188 Resp: 502538

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.7	8.1	12.1



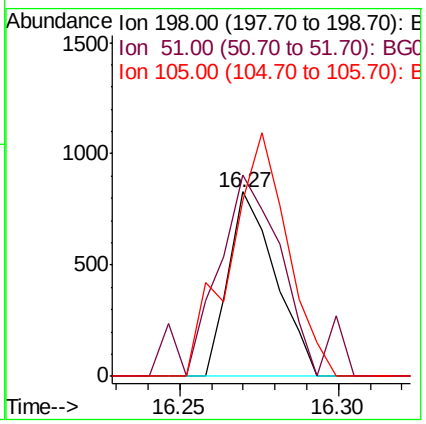


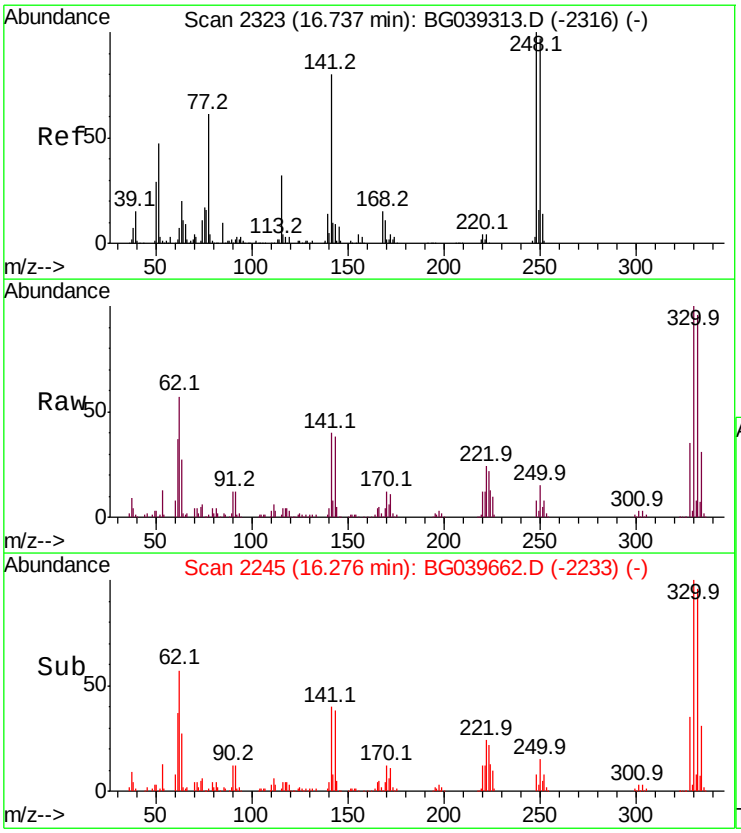
#65
4,6-Dinitro-2-methylphenol
Concen: 4.719 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.35 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 853

Ion	Ratio	Lower	Upper
198	100		
51	109.2	27.4	67.4#
105	95.1	19.7	59.7#

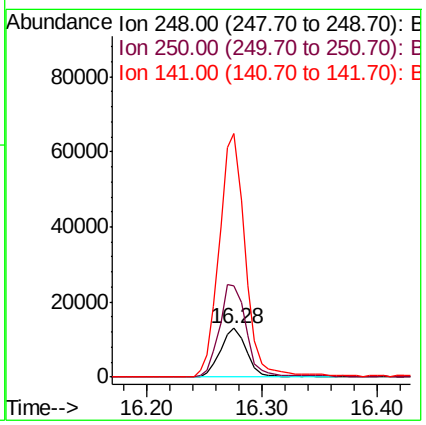


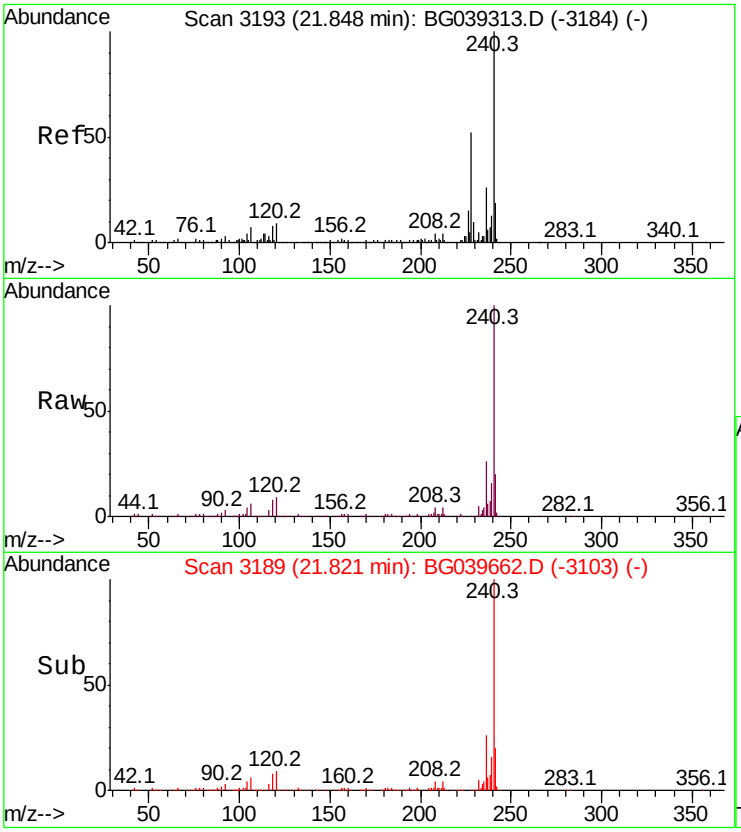


#67
4-Bromophenyl-phenylether
Concen: 3.686 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Tgt Ion:248 Resp: 20550

Ion	Ratio	Lower	Upper
248	100		
250	187.3	77.6	116.4#
141	498.4	63.9	95.9#



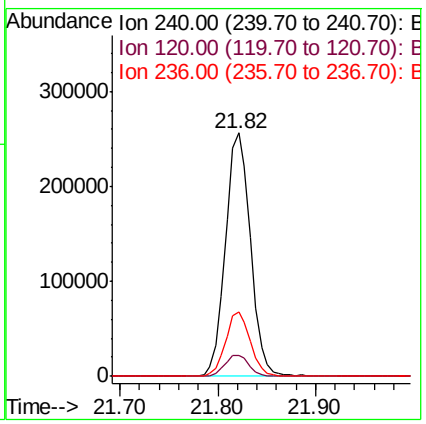


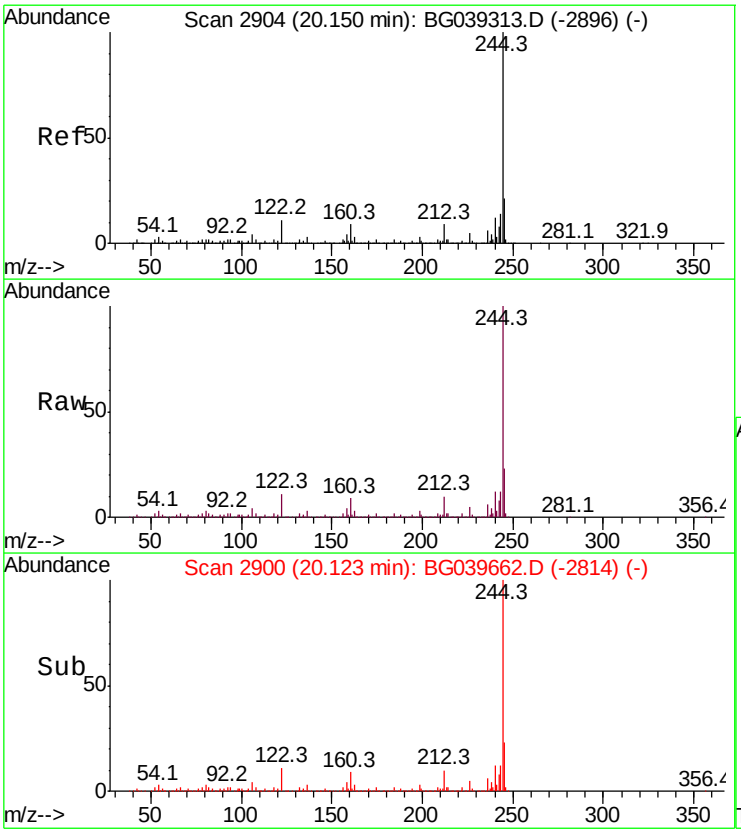
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 453541

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.3	21.0	31.4

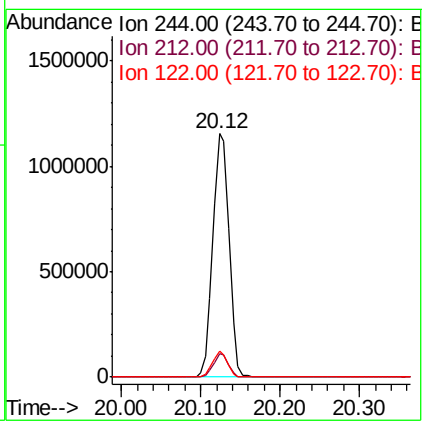


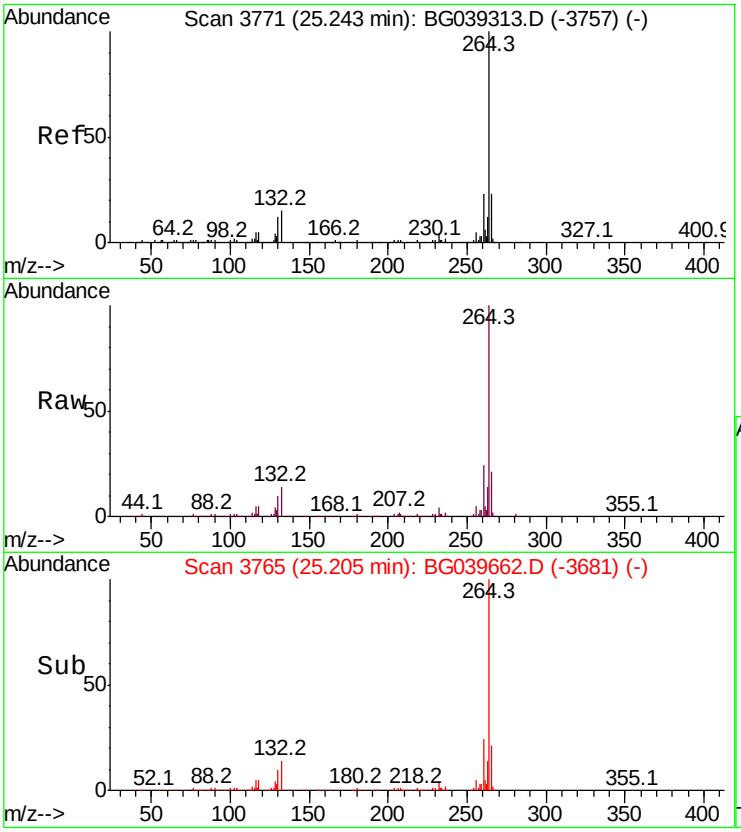


#79
Terphenyl-d14
Concen: 76.412 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Tgt Ion:244 Resp: 1637281

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.6	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039662.D
Acq: 28 Feb 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 436217

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.4	18.5	27.7