Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043818.D
Acq On : 17 Dec 2019 13:51
Operator : JU
Sample : PB125466BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 17 15:16:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	126416	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	543604	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	410309	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	1002124	20.00	ng	0.00
76) Chrysene-d12	21.62	240	870403	20.00	ng	0.00
87) Perylene-d12	24.80	264	794628	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	715919	107.30	ng	0.00
7) Phenol-d6	7.17	99	1050297	109.15	ng	0.00
23) Nitrobenzene-d5	9.16	82	873443	90.22	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	443264	113.32	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2049317	87.73	ng	0.00
79) Terphenyl-d14	19.99	244	3005866	83.08	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.16	77	2022	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	9.16	70	114706	15.593	ng	# 77
26) 2-Nitrophenol	9.73	139	92	8.367	ng	# 34
32) Benzoic acid	10.51	122	56	5.659	ng	# 1
51) 2,6-Dinitrotoluene	14.63	165	54064	8.566	ng	# 28
57) 2,4-Dinitrotoluene	14.63	165	54064	6.340	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.06	198	57	9.512	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	34035	3.177	ng	# 1

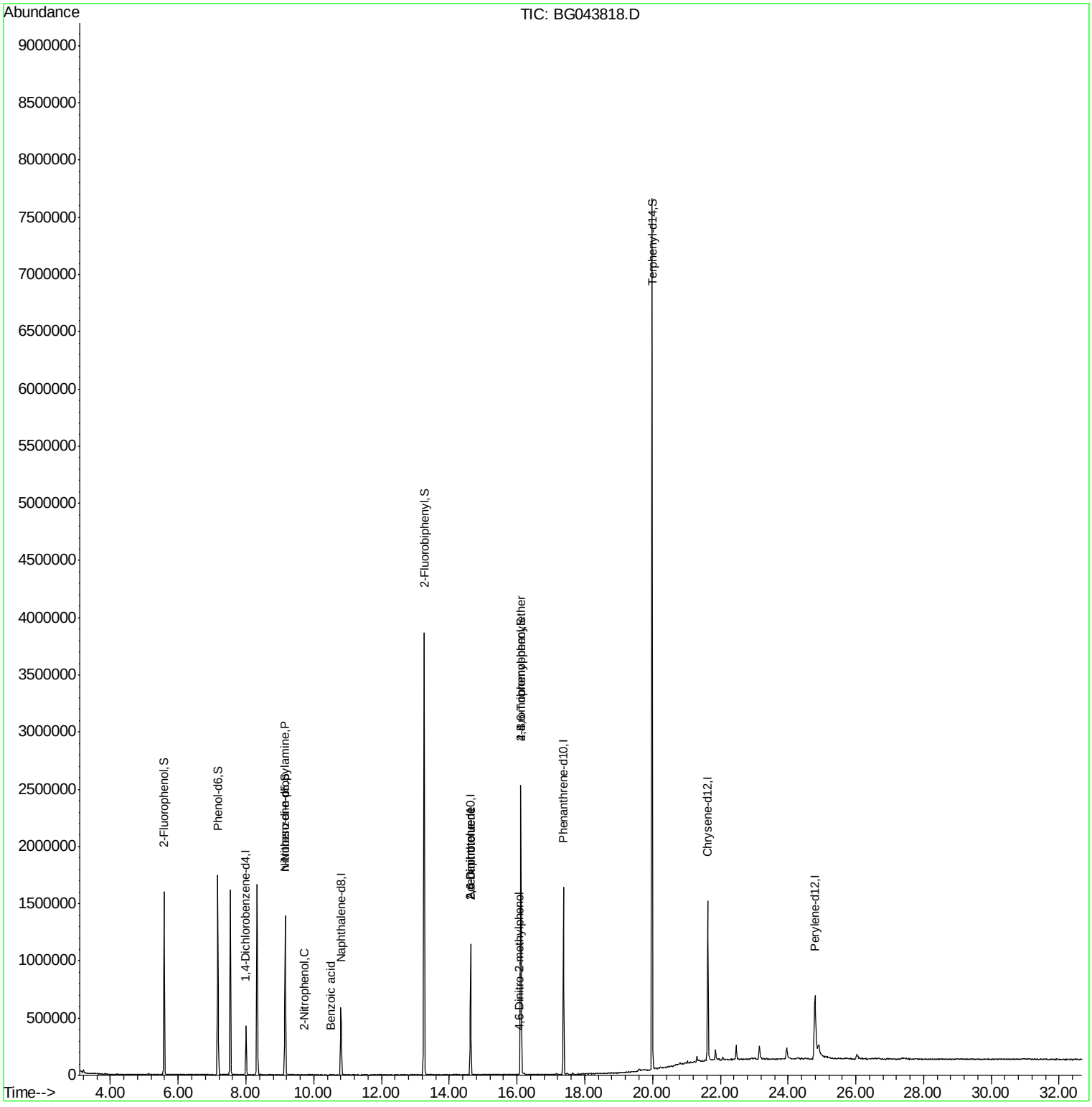
(#) = qualifier out of range (m) = manual integration (+) = signals summed

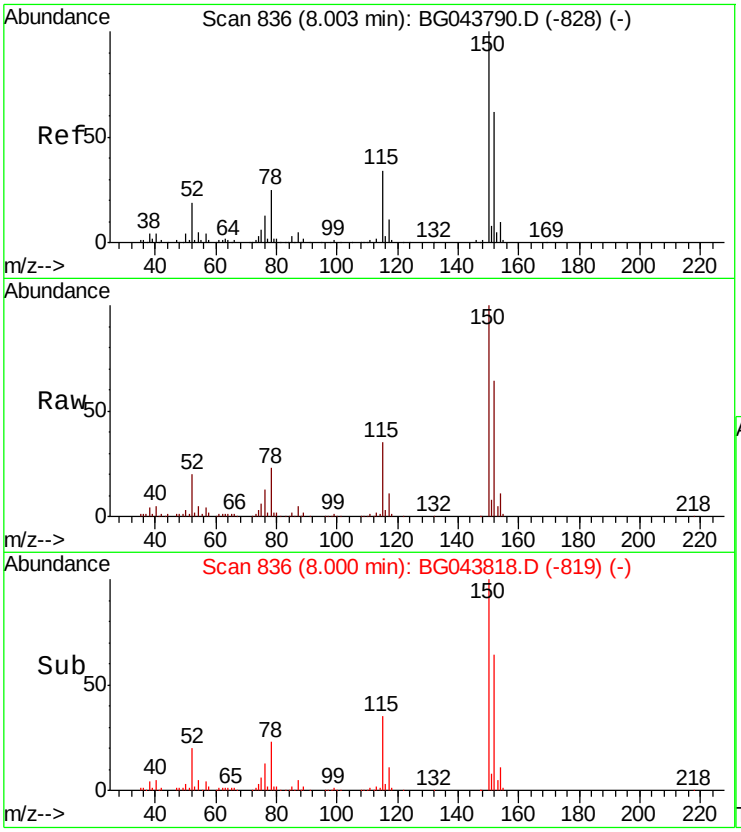
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043818.D
Acq On : 17 Dec 2019 13:51
Operator : JU
Sample : PB125466BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 17 15:16:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration



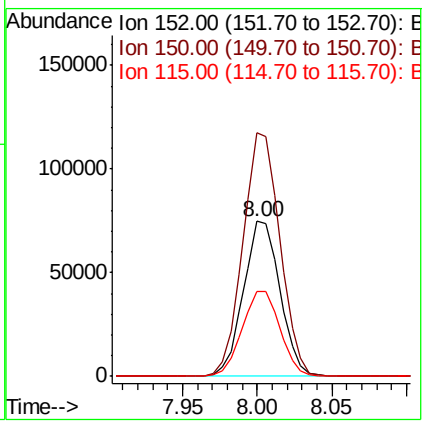


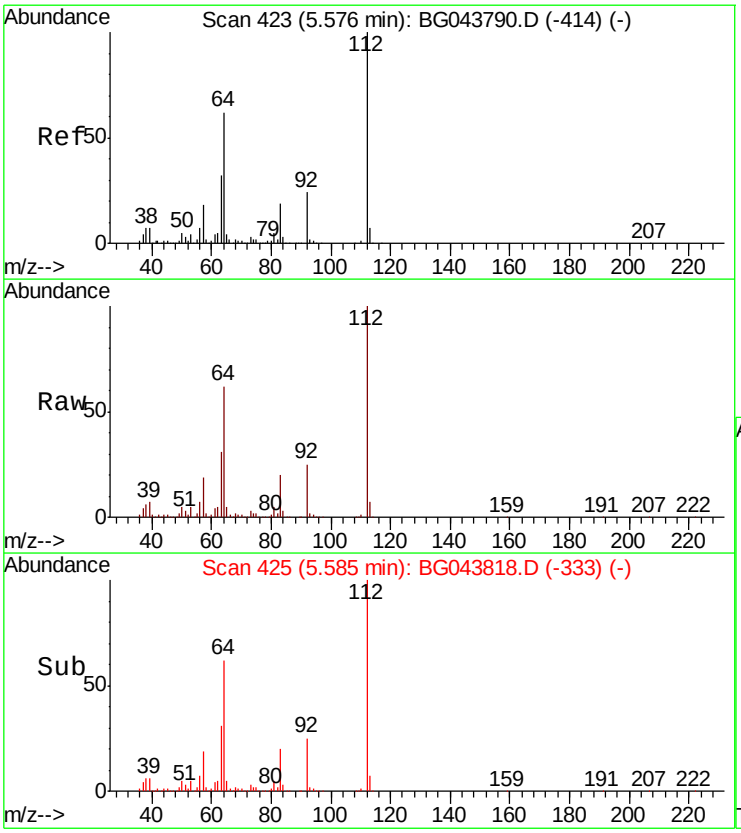
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 126416

Ion	Ratio	Lower	Upper
152	100		
150	157.2	128.6	192.8
115	55.2	44.3	66.5

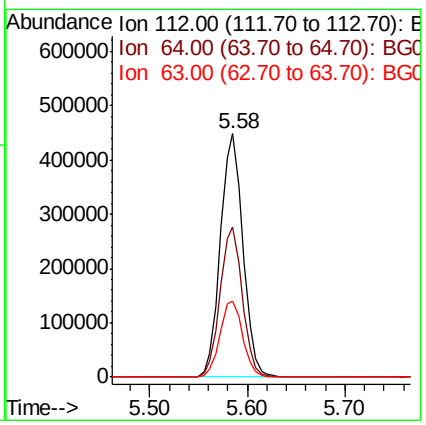


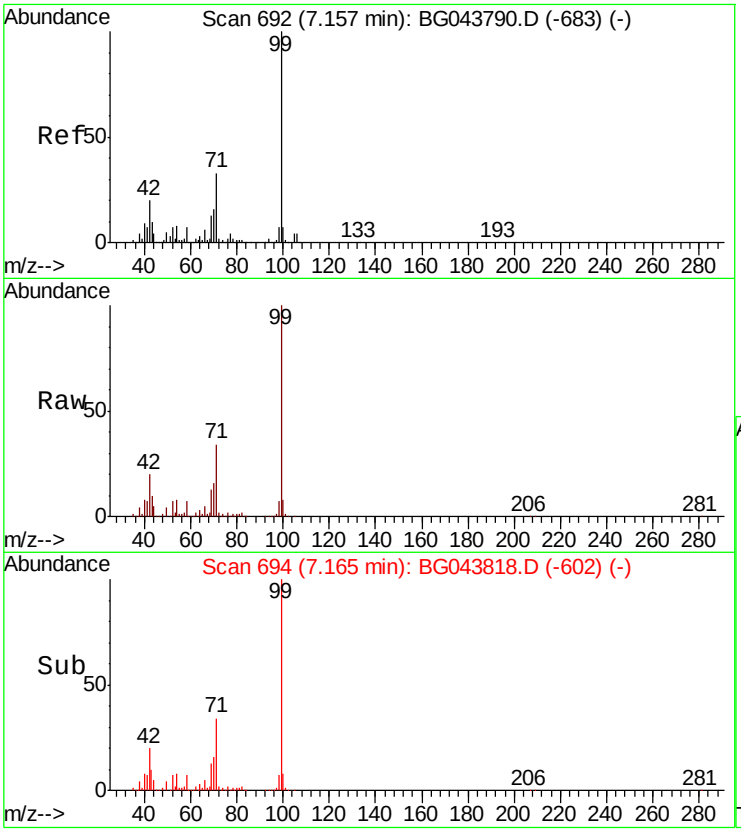


#5
2-Fluorophenol
Concen: 107.302 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.01 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion:112 Resp: 715919

Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.9	74.9
63	31.2	26.0	39.0



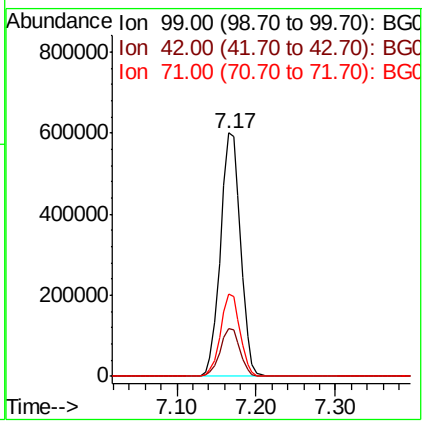


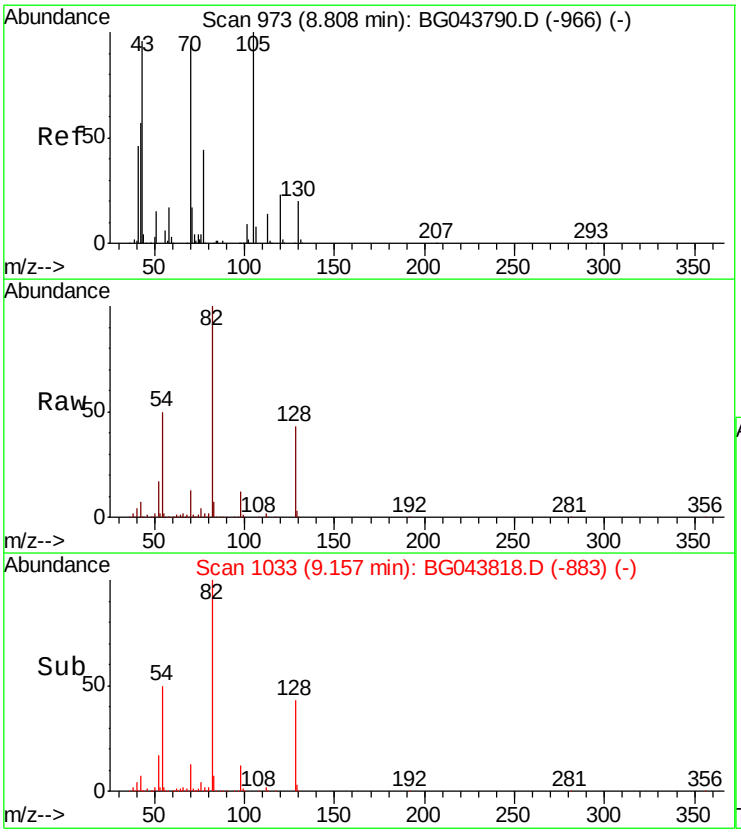
#7
Phenol-d6
Concen: 109.153 ng
RT: 7.17 min Scan# 694
Delta R.T. 0.01 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1050297

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	34.0	26.6	40.0

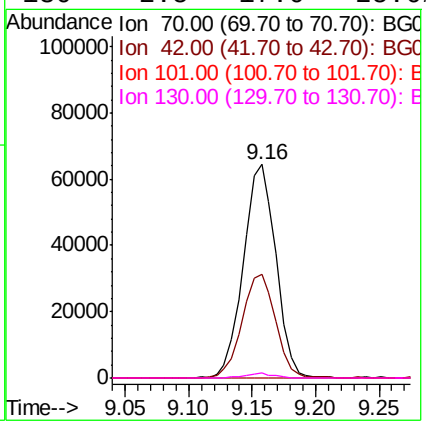


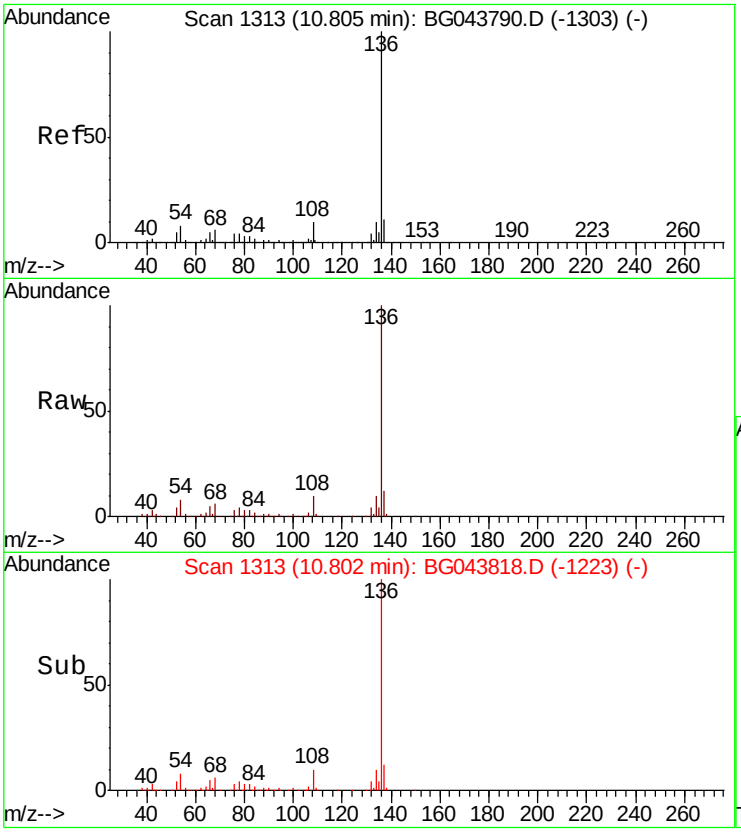


#19
n-Nitroso-di-n-propylamine
Concen: 15.593 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.35 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion: 70 Resp: 114706

Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.2	73.8#
101	0.0	7.8	11.6#
130	2.5	17.0	25.6#



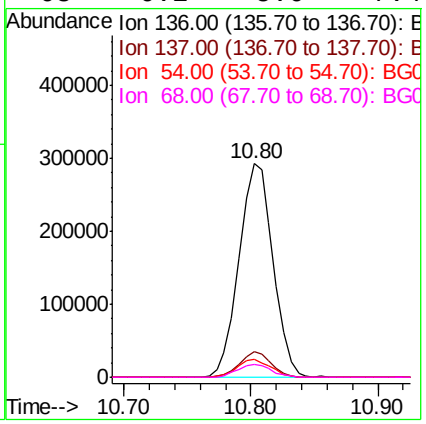


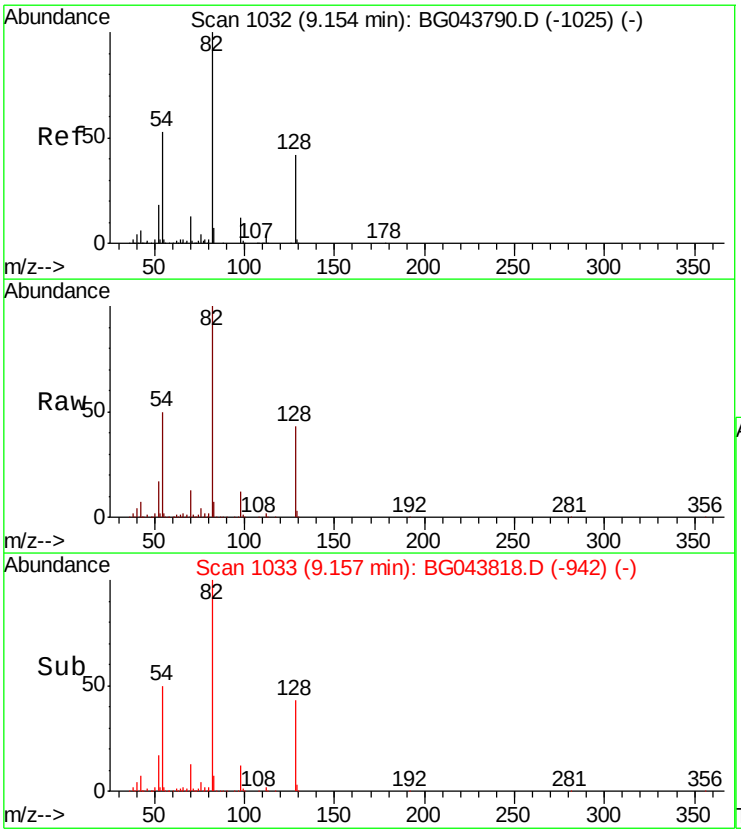
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 543604

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	8.1	6.8	10.2
68	6.2	5.0	7.4

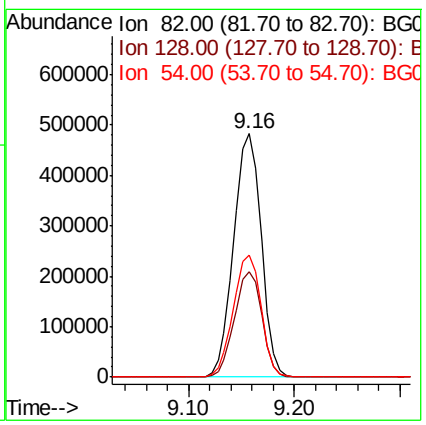


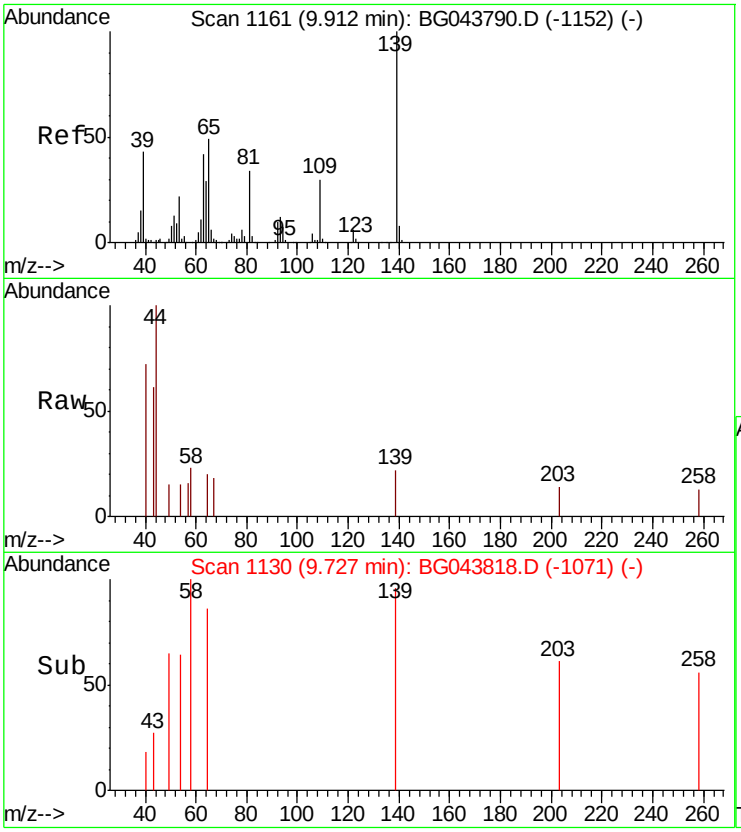


#23
Nitrobenzene-d5
Concen: 90.215 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion: 82 Resp: 873443

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	50.2	42.1	63.1



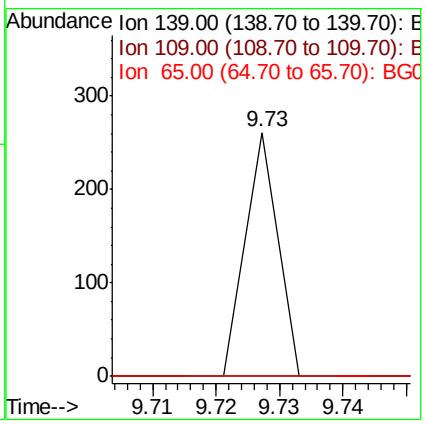


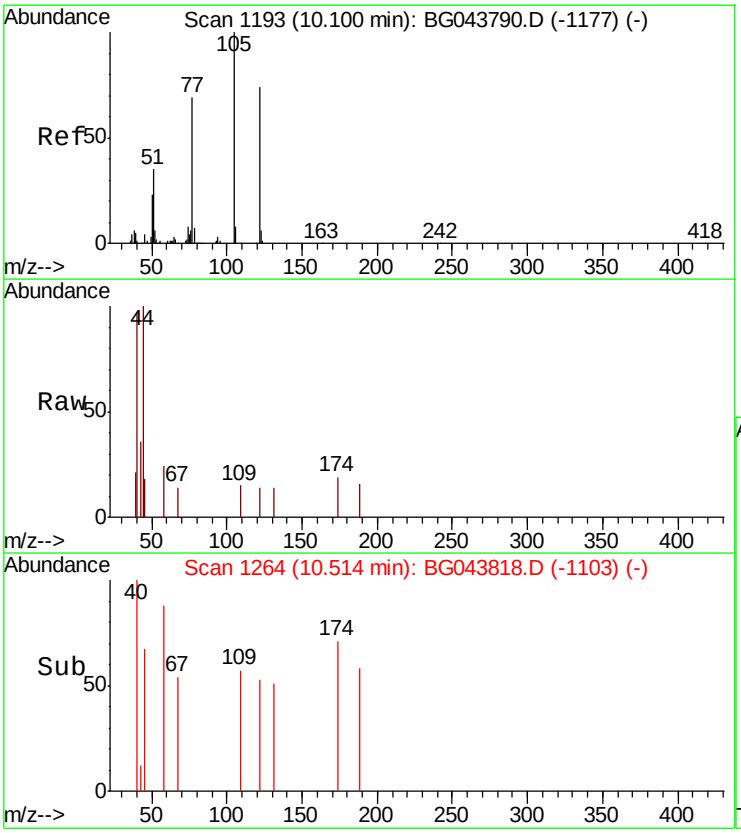
#26
2-Nitrophenol
Concen: 8.367 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.19 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 92

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.9	35.9#
65	0.0	39.3	58.9#

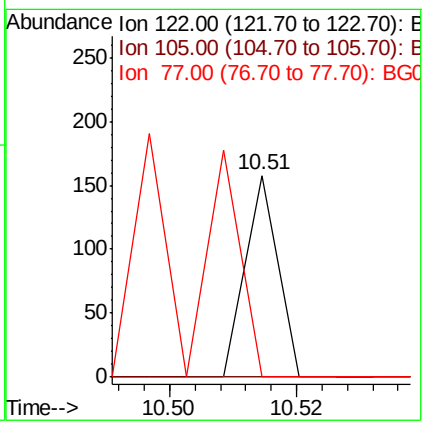


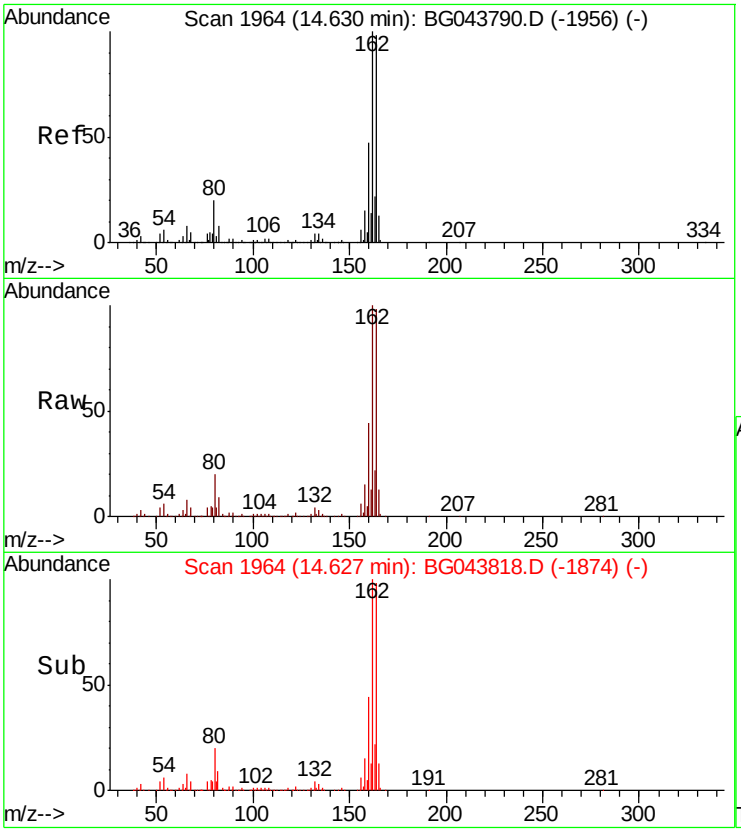


#32
Benzoic acid
Concen: 5.659 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.41 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	71.7	111.7#



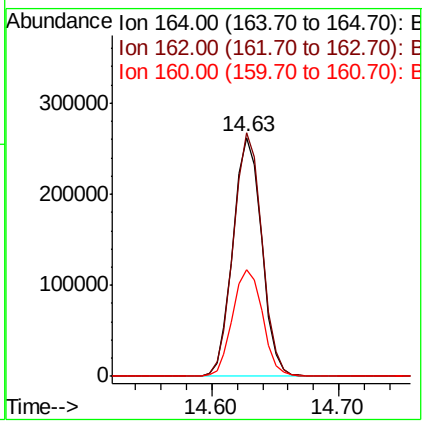


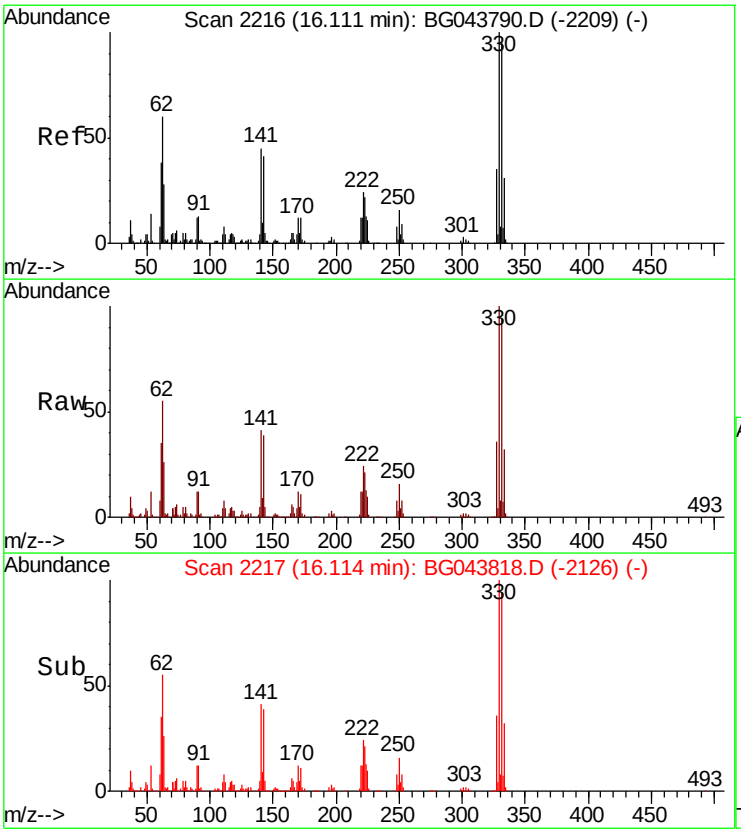
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 410309

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.9	122.9
160	44.5	38.3	57.5

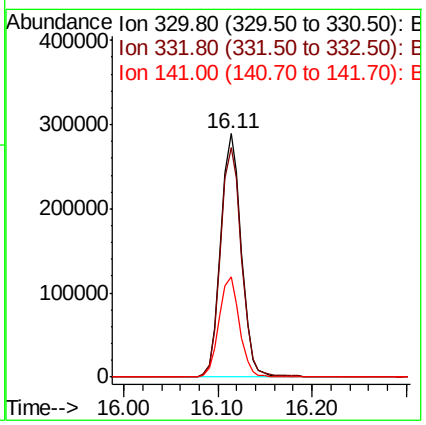


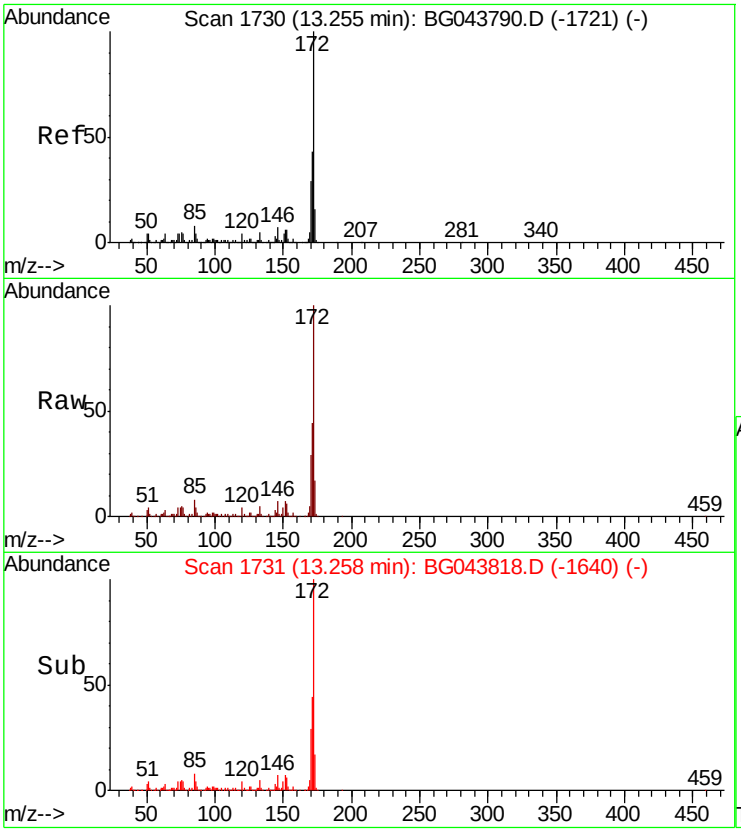


#42
2,4,6-Tribromophenol
Concen: 113.318 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion:330 Resp: 443264

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	41.2	33.8	50.8



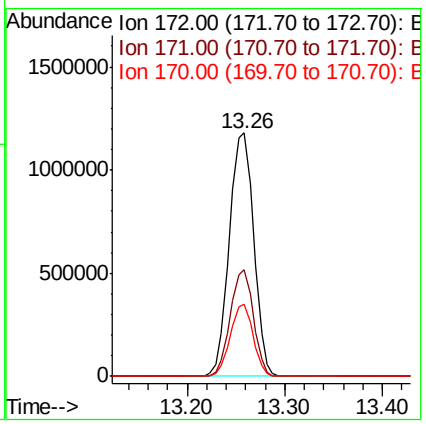


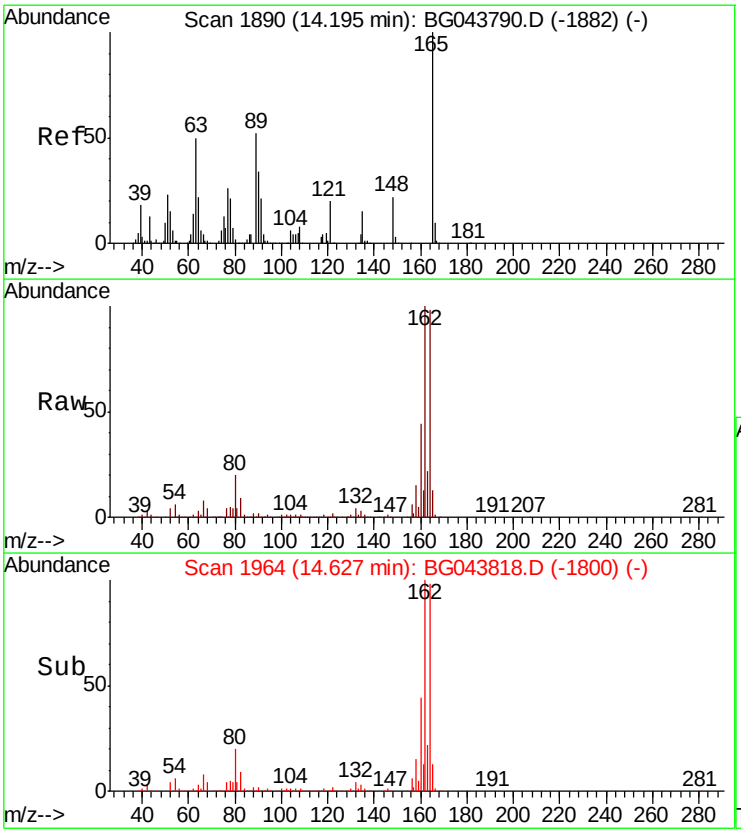
#45
2-Fluorobiphenyl
Concen: 87.733 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 2049317

Ion	Ratio	Lower	Upper
172	100		
171	43.6	34.6	51.8
170	29.4	23.3	34.9

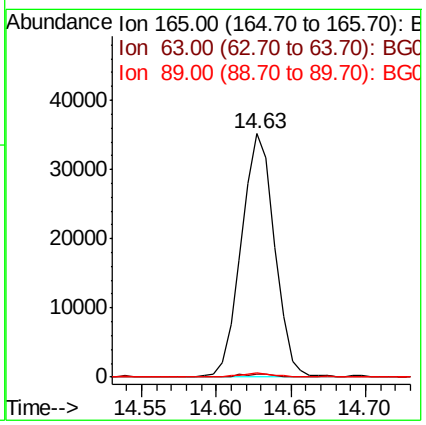


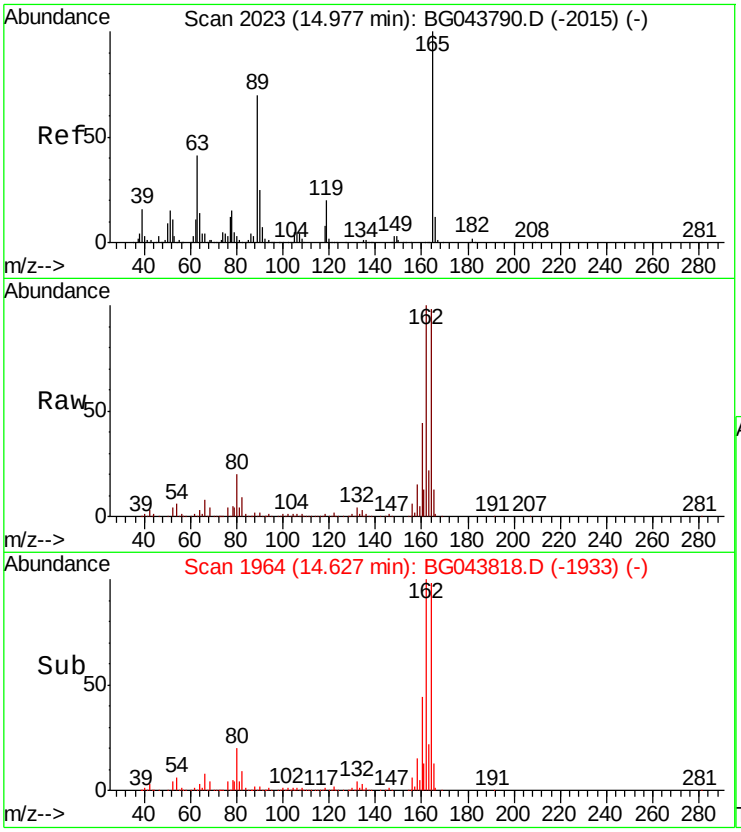


#51
2,6-Dinitrotoluene
Concen: 8.566 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion:165 Resp: 54064

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.3	60.5#
89	1.6	41.8	62.8#



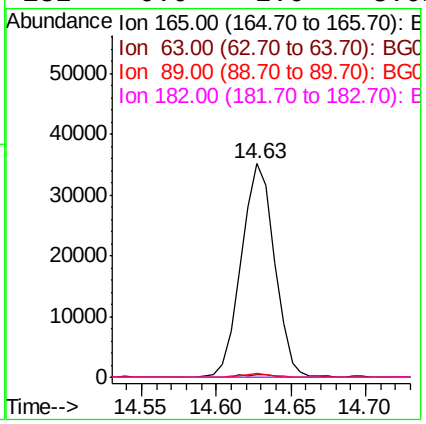


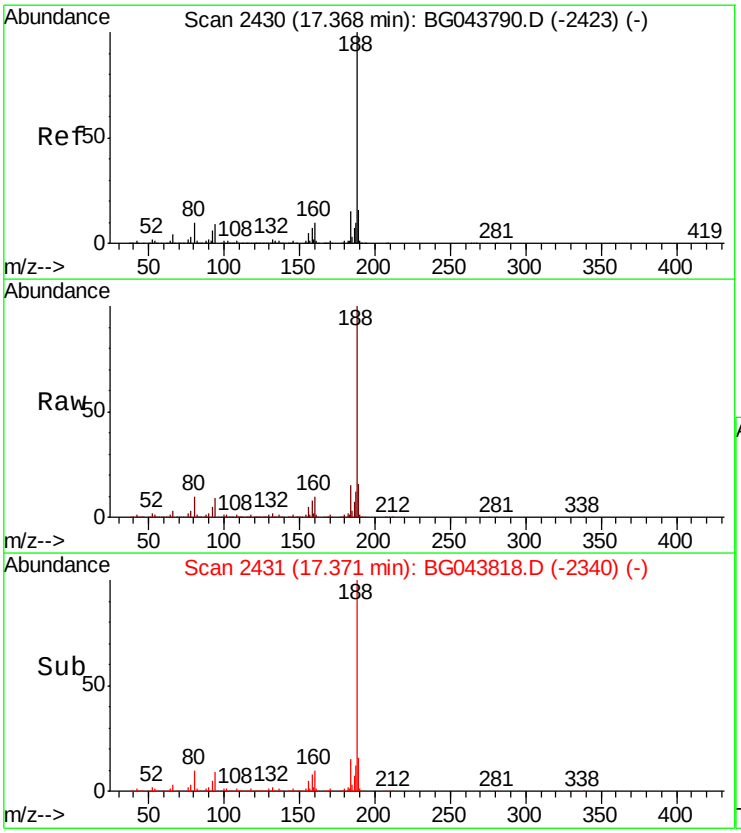
#57
2,4-Dinitrotoluene
Concen: 6.340 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.35 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 54064

Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.7	49.1#
89	1.6	56.1	84.1#
182	0.0	2.0	3.0#

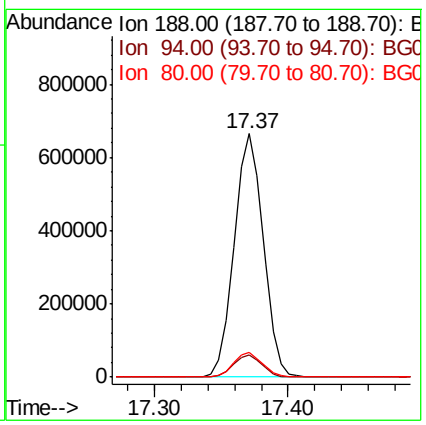


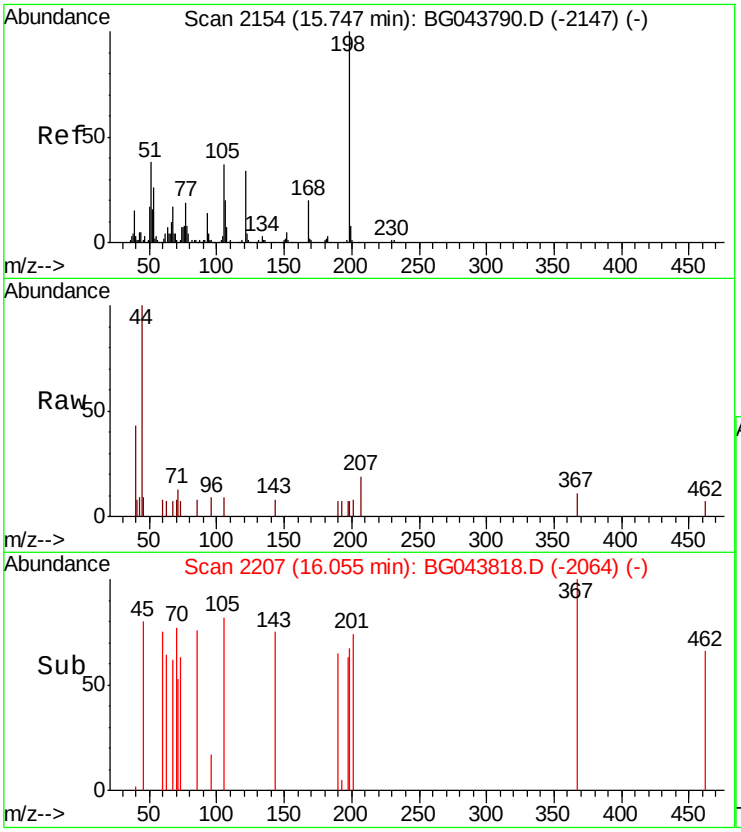


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion:188 Resp: 1002124

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	10.0	7.8	11.8



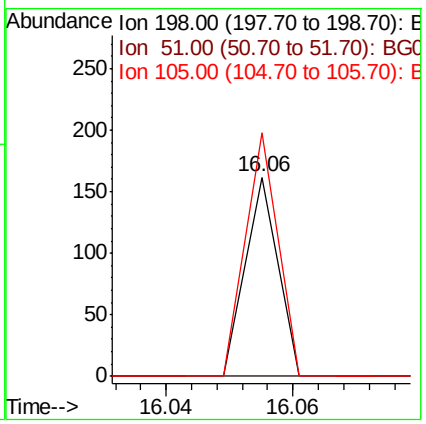


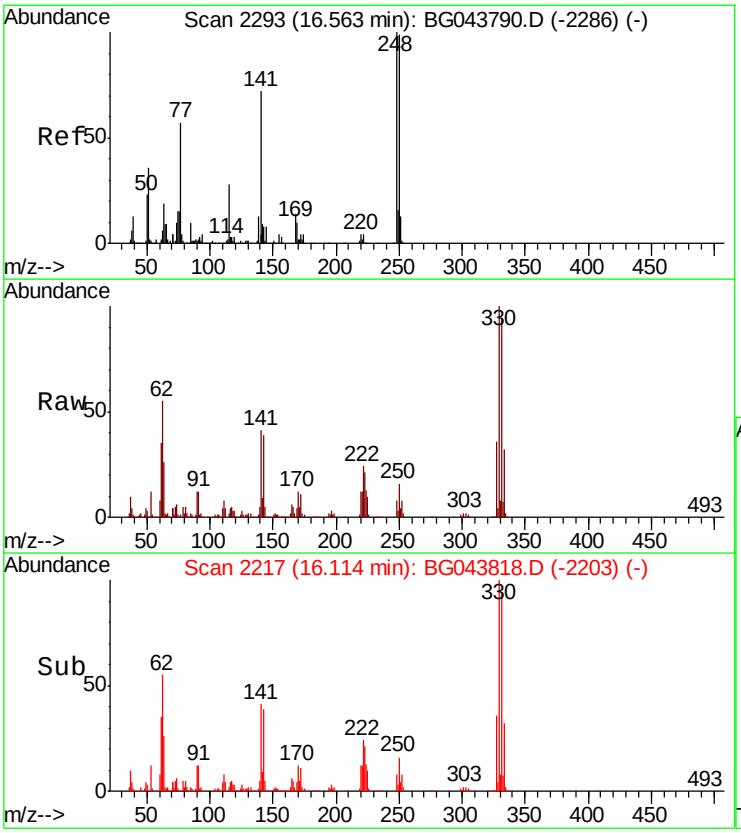
#65
4,6-Dinitro-2-methylphenol
Concen: 9.512 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.31 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 57

Ion	Ratio	Lower	Upper
198	100		
51	0.0	18.9	58.9#
105	122.2	18.1	58.1#

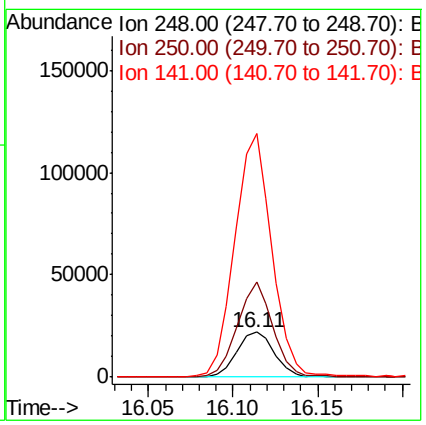


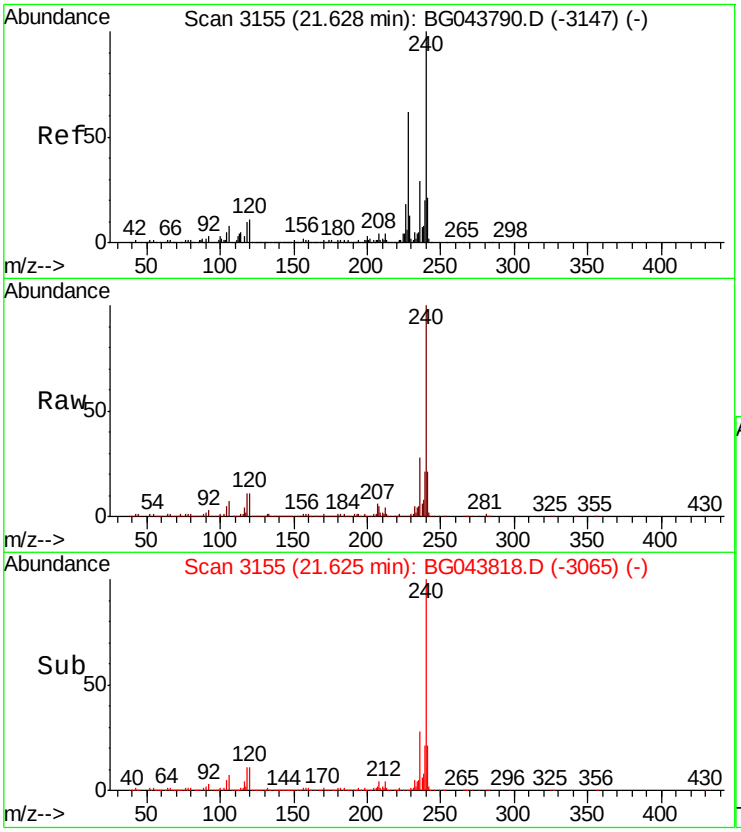


#67
4-Bromophenyl-phenylether
Concen: 3.177 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion:248 Resp: 34035

Ion	Ratio	Lower	Upper
248	100		
250	211.1	79.0	118.6#
141	542.4	57.8	86.6#



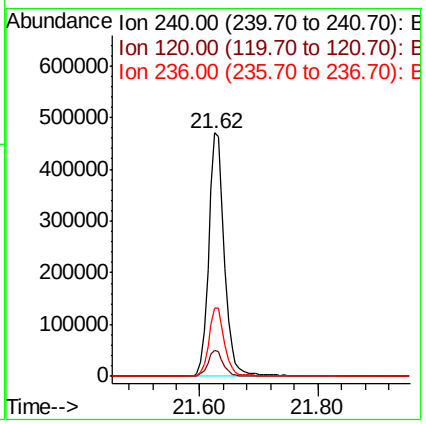


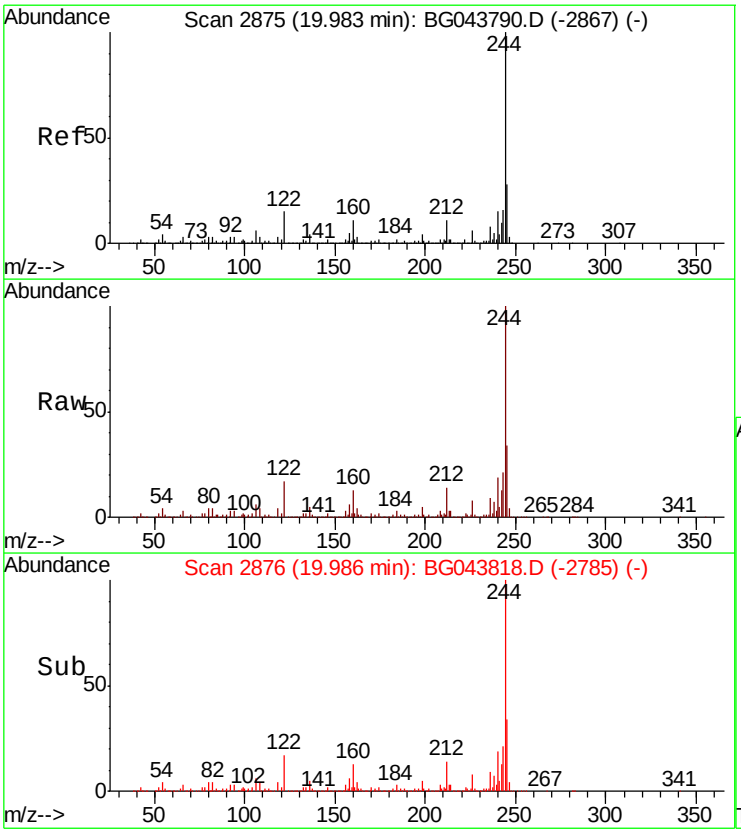
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 870403

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	12.8
236	28.1	23.1	34.7

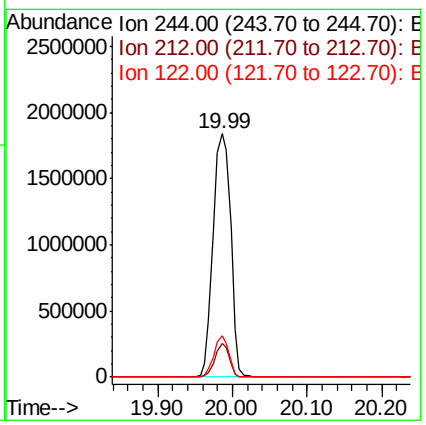


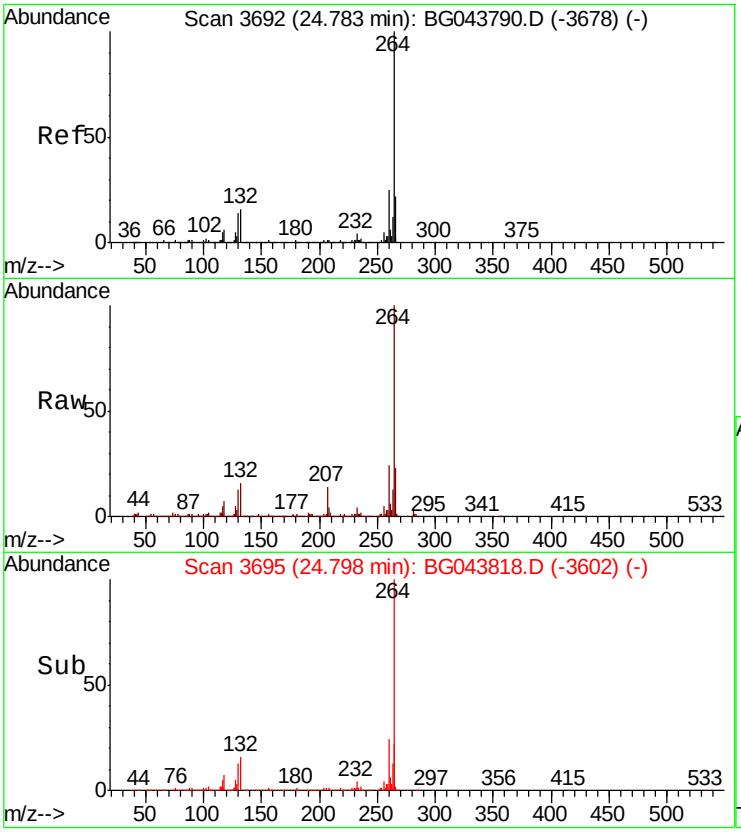


#79
Terphenyl-d14
Concen: 83.082 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Tgt Ion:244 Resp: 3005866

Ion	Ratio	Lower	Upper
244	100		
212	13.7	9.1	13.7#
122	17.1	11.6	17.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3695
Delta R.T. 0.01 min
Lab File: BG043818.D
Acq: 17 Dec 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 794628

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.7	17.9	26.9