Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041281.D
Acq On : 17 Jun 2019 21:35
Operator : HP/JU
Sample : PB120628TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 18 07:44:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39904	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	156828	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113966	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	279855	20.00	ng	0.00
76) Chrysene-d12	21.74	240	272500	20.00	ng	0.00
87) Perylene-d12	25.05	264	284864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	285304	131.37	ng	0.00
7) Phenol-d6	7.24	99	409004	129.93	ng	0.00
23) Nitrobenzene-d5	9.26	82	296196	79.43	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	207618	118.66	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	697834	83.22	ng	0.00
79) Terphenyl-d14	20.06	244	1171238	85.18	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	41403	16.262	ng	# 78
51) 2,6-Dinitrotoluene	14.72	165	14973	7.003	ng	# 18
54) 2,4-Dinitrophenol	14.98	184	56	4.880	ng	# 13
56) 4-Nitrophenol	15.38	139	57	3.250	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	14973	4.791	ng	# 21
67) 4-Bromophenyl-phenylether	16.20	248	14617	4.039	ng	# 1
77) Benzidine	20.06	184	19958	3.028	ng	# 95

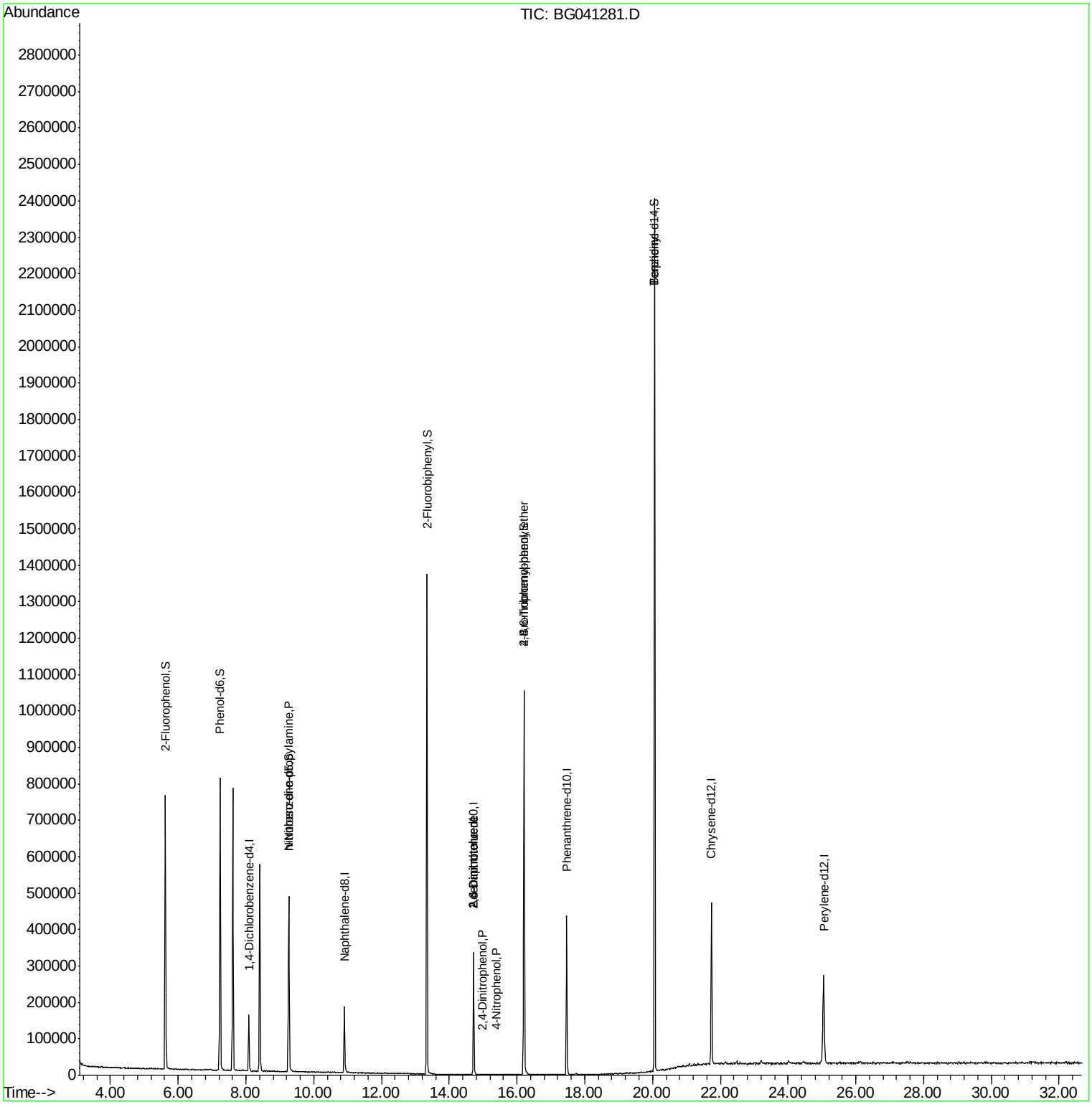
(#) = qualifier out of range (m) = manual integration (+) = signals summed

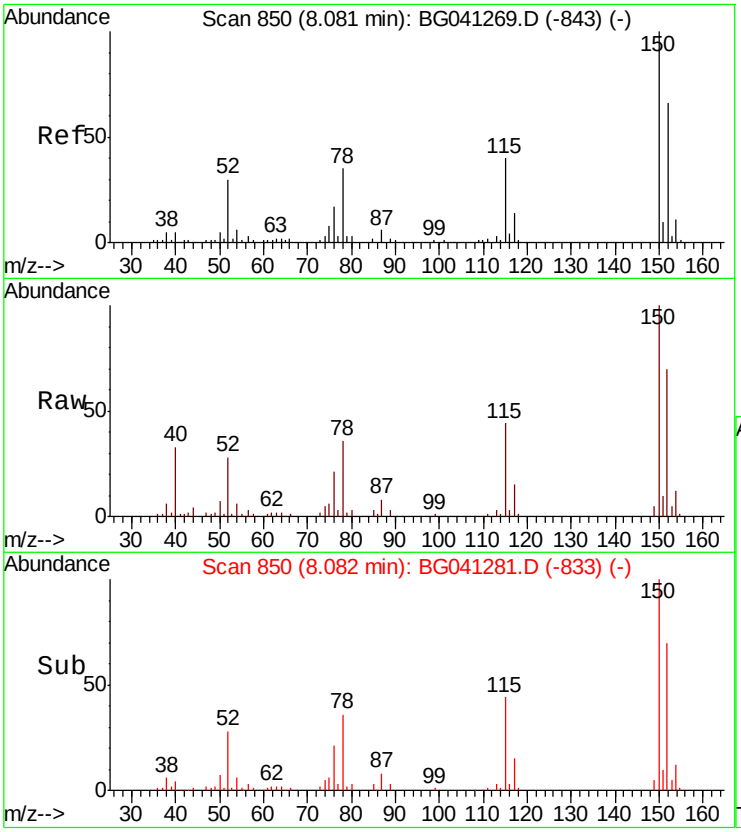
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041281.D
Acq On : 17 Jun 2019 21:35
Operator : HP/JU
Sample : PB120628TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 18 07:44:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration



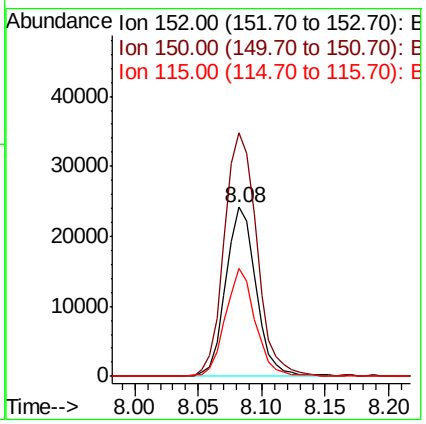


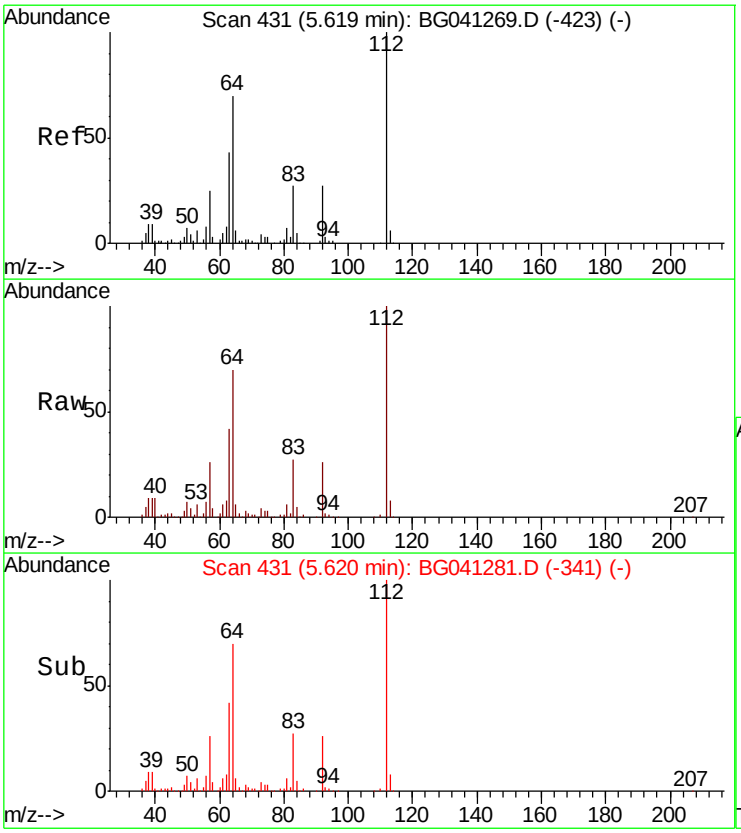
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 39904

Ion	Ratio	Lower	Upper
152	100		
150	143.9	120.6	181.0
115	63.9	47.9	71.9

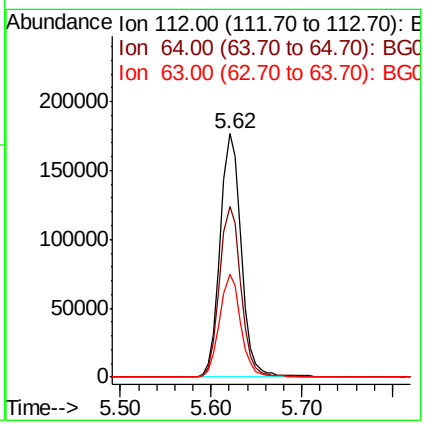


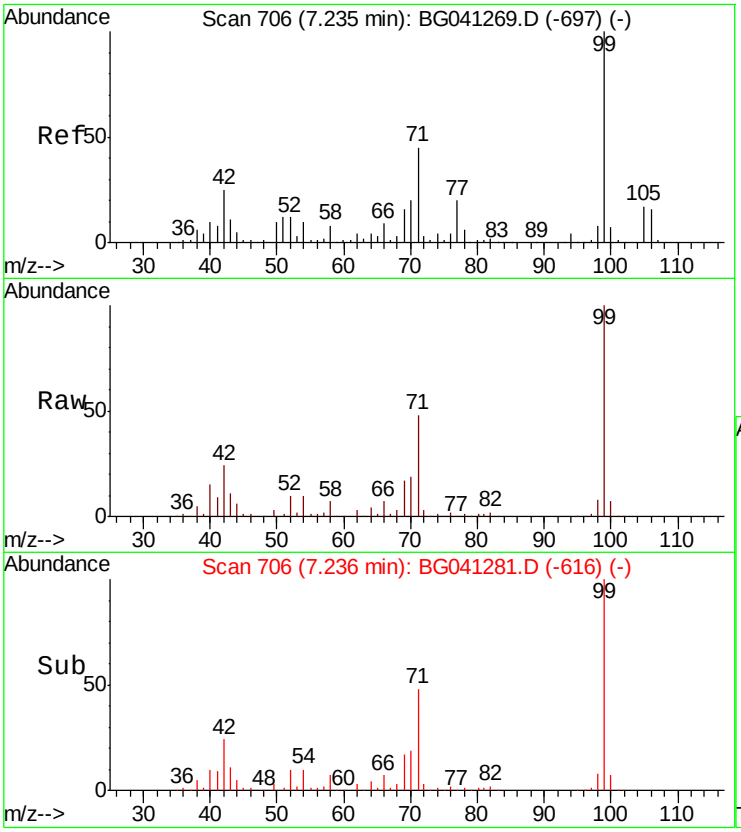


#5
2-Fluorophenol
Concen: 131.371 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion:112 Resp: 285304

Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.9	83.9
63	42.3	34.6	51.8



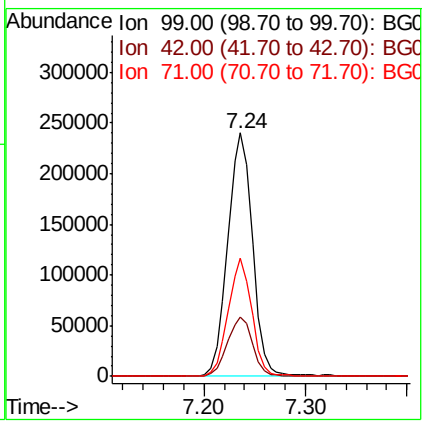


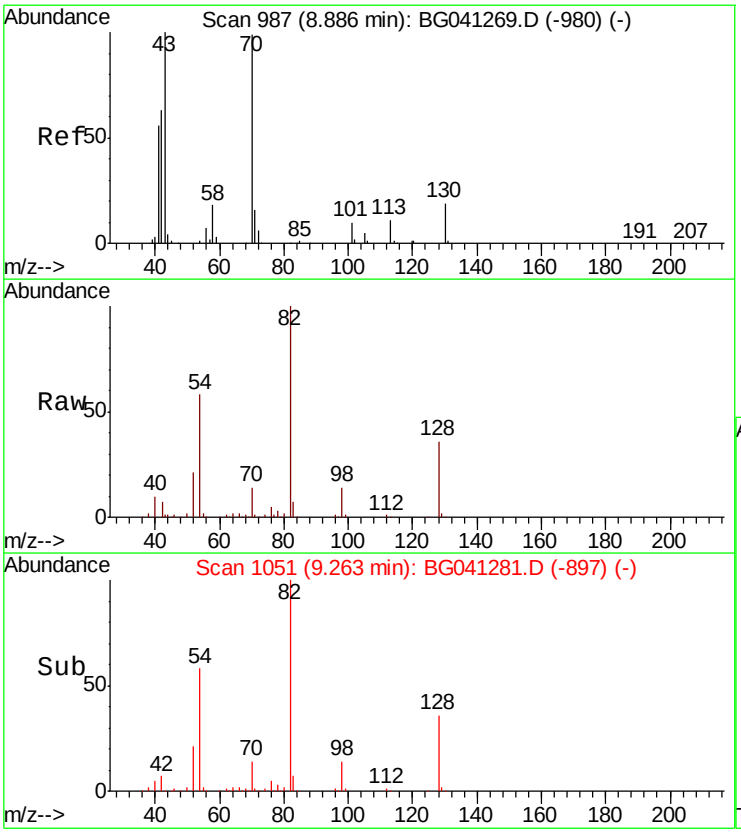
#7
Phenol-d6
Concen: 129.926 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 409004

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.9	29.9
71	48.3	36.4	54.6

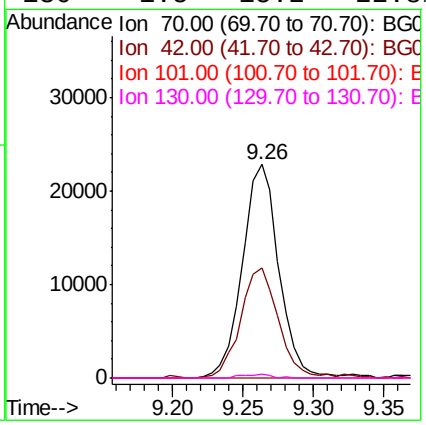


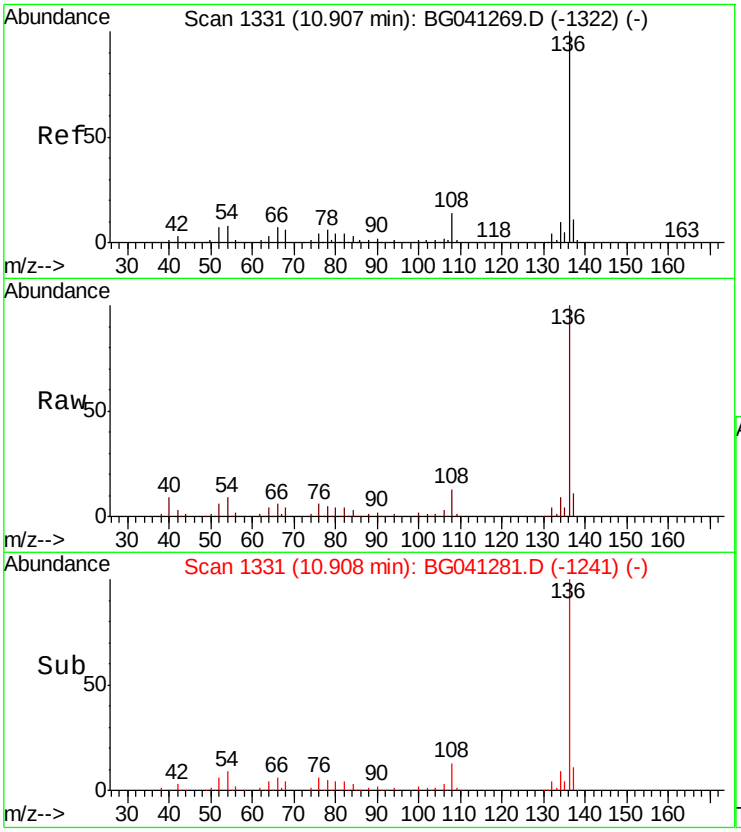


#19
n-Nitroso-di-n-propylamine
Concen: 16.262 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.38 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion: 70 Resp: 41403

Ion	Ratio	Lower	Upper
70	100		
42	51.8	51.4	77.2
101	0.0	8.2	12.2#
130	1.5	15.2	22.8#



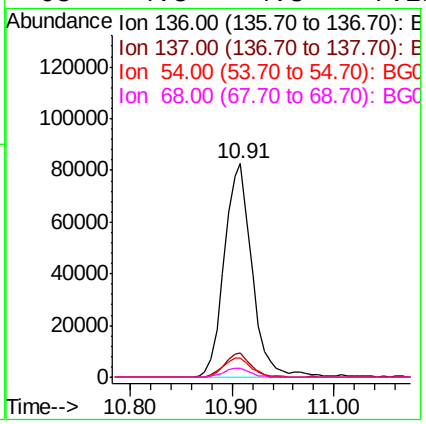


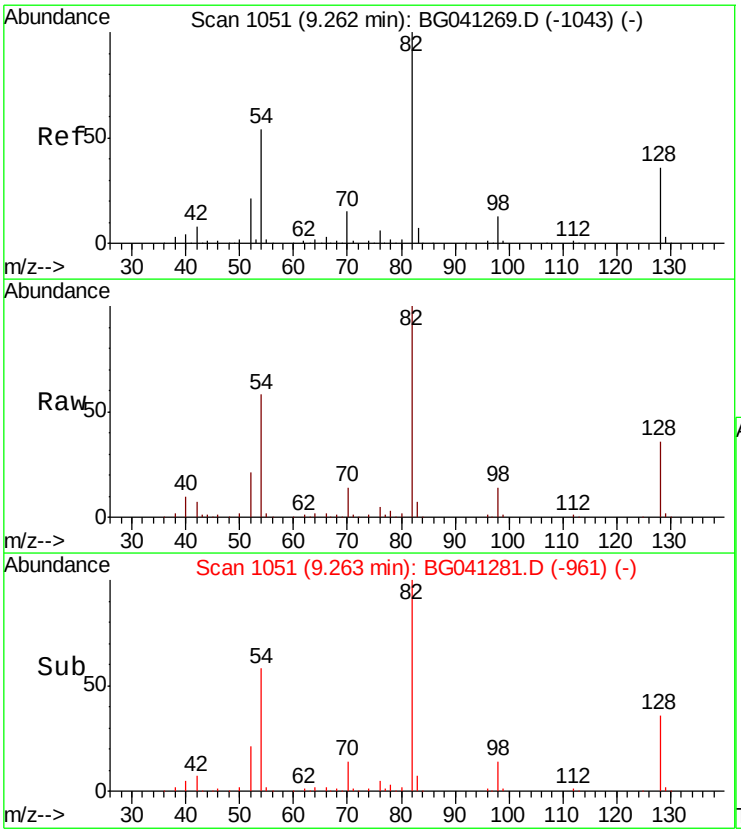
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 156828

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.7	6.4	9.6
68	4.3	4.8	7.2#

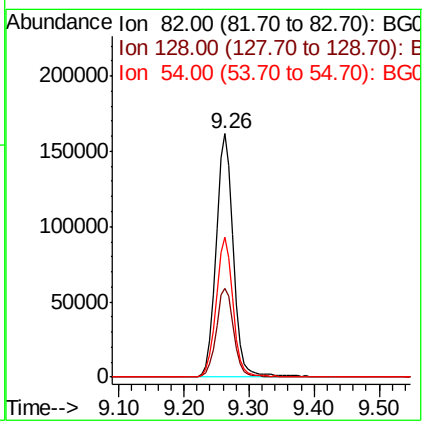


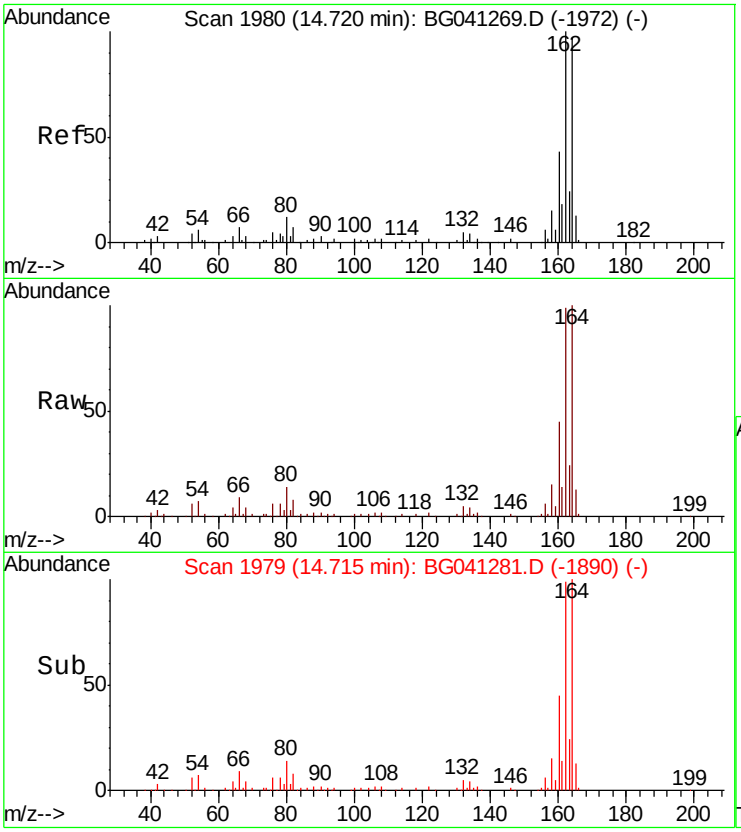


#23
Nitrobenzene-d5
Concen: 79.430 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion: 82 Resp: 296196

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.2	43.8
54	57.6	43.4	65.0



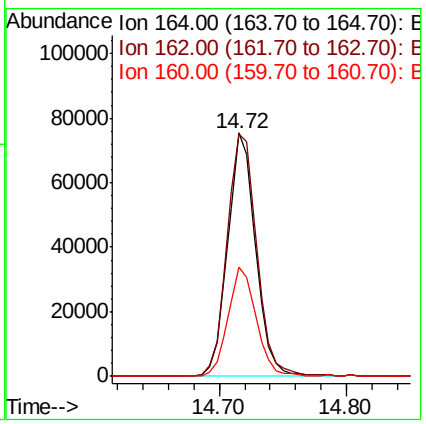


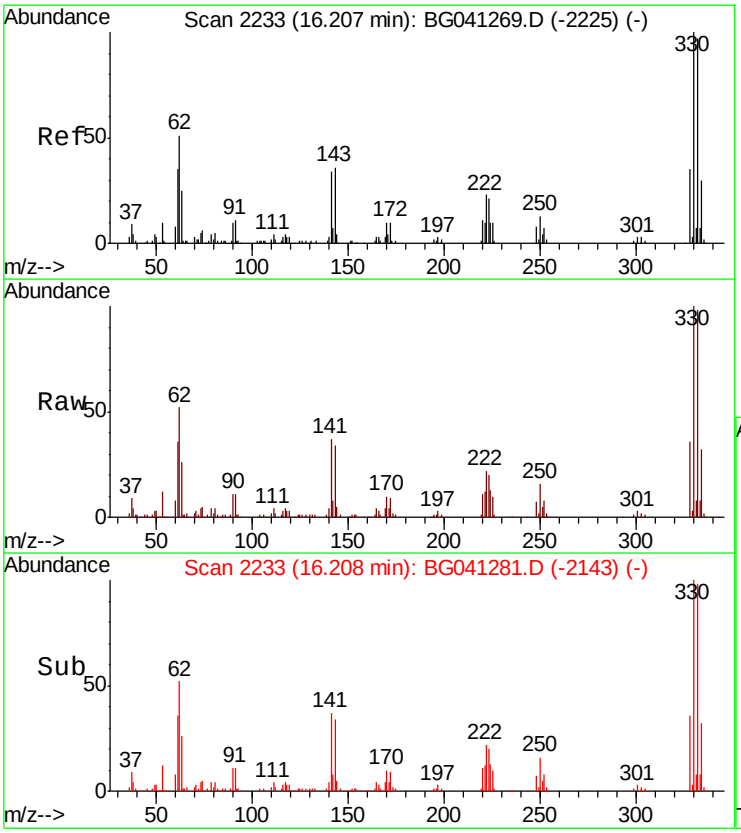
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 113966

Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.8	124.2
160	44.9	35.8	53.8

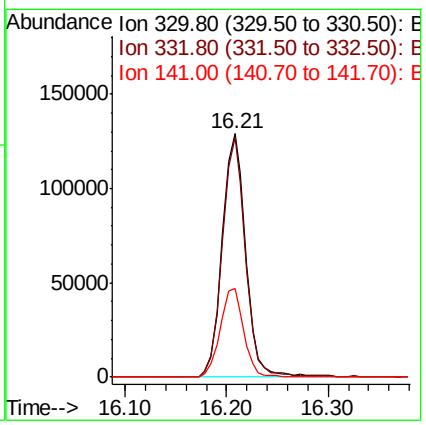


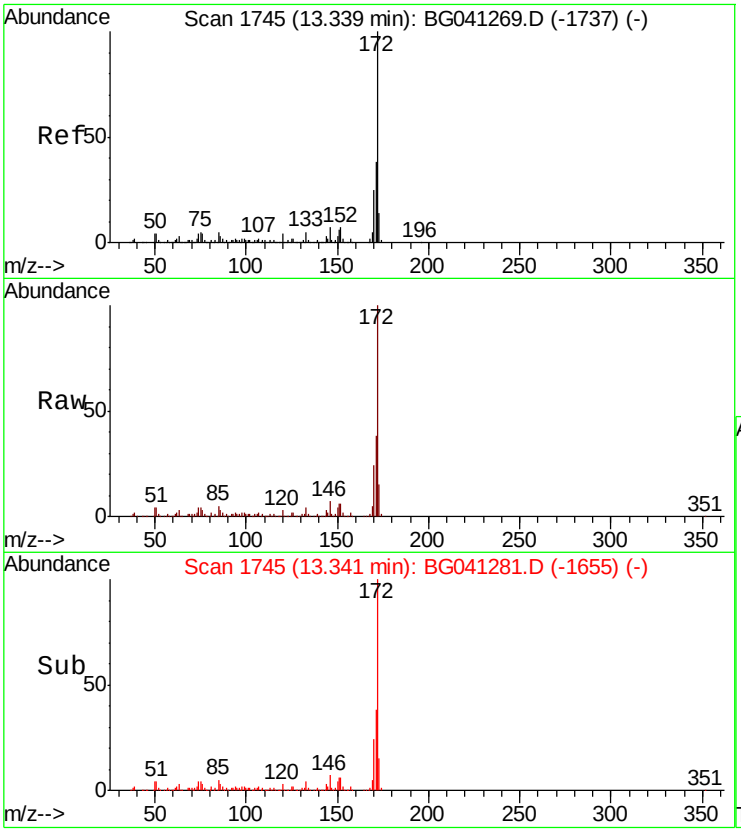


#42
2,4,6-Tribromophenol
Concen: 118.664 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion:330 Resp: 207618

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.5	113.3
141	36.5	29.0	43.4



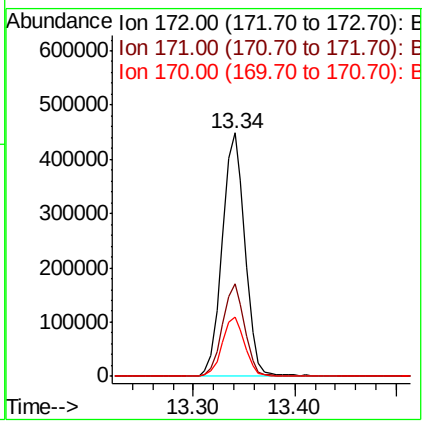


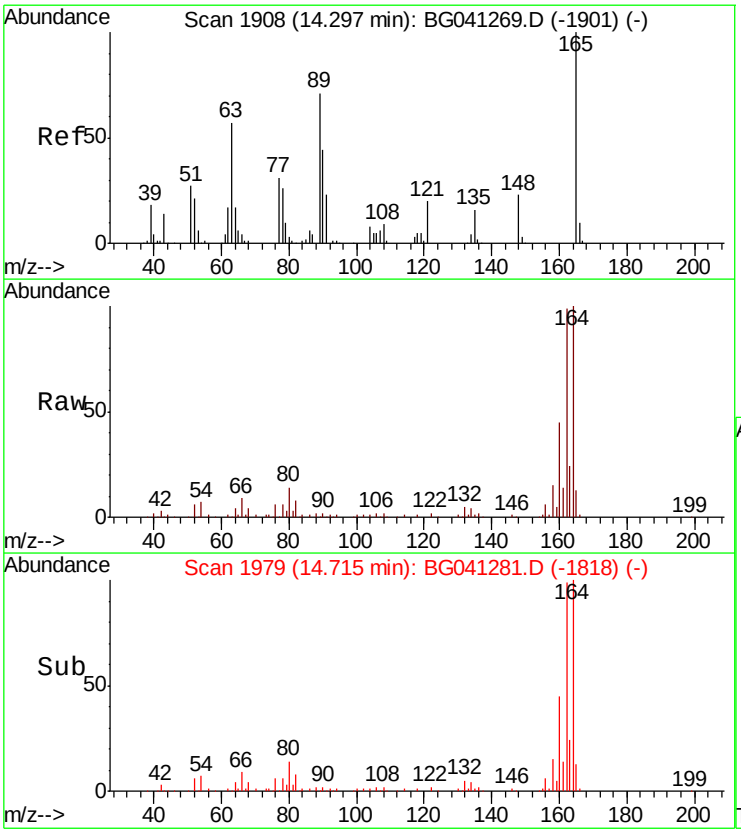
#45
2-Fluorobiphenyl
Concen: 83.224 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 697834

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.4	19.8	29.6

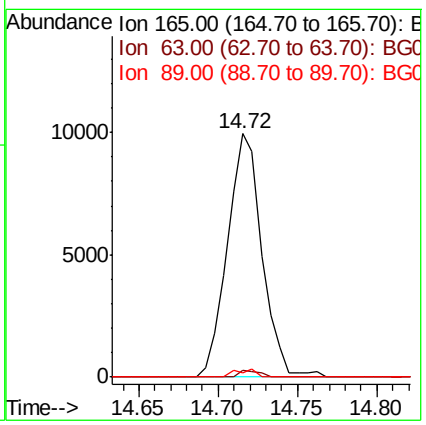


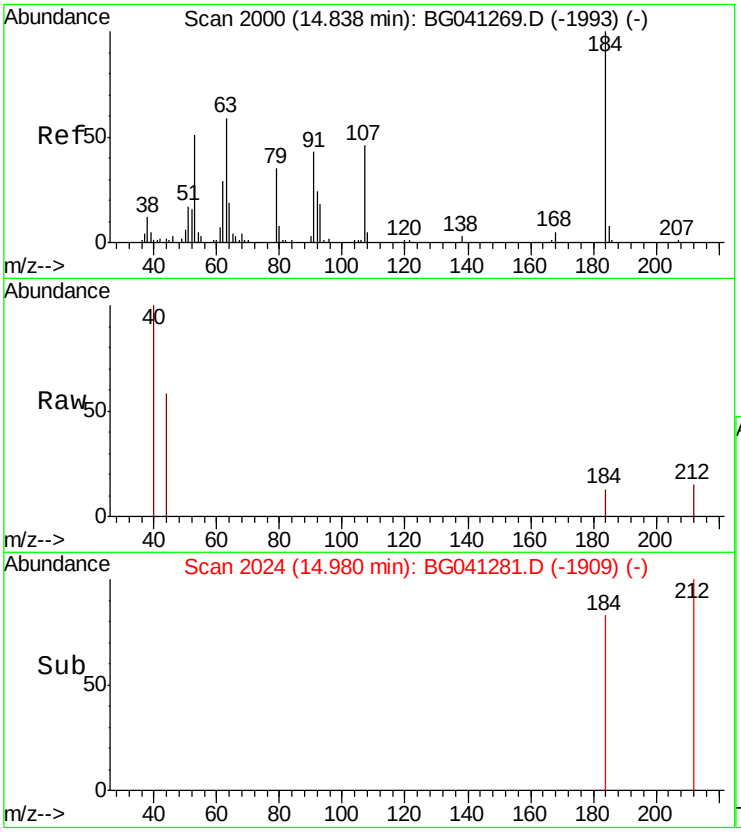


#51
2,6-Dinitrotoluene
Concen: 7.003 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.42 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion:165 Resp: 14973

Ion	Ratio	Lower	Upper
165	100		
63	2.8	55.4	83.0#
89	1.7	56.5	84.7#



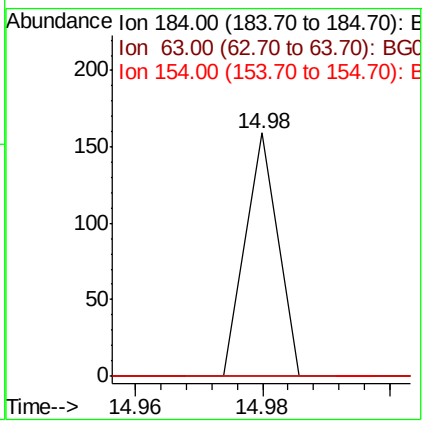


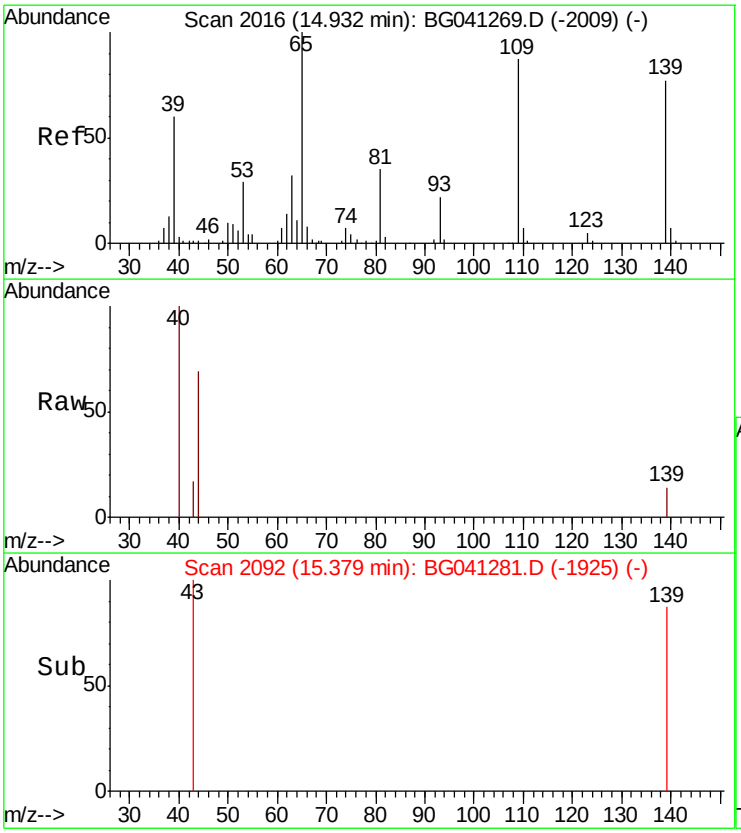
#54
2,4-Dinitrophenol
Concen: 4.880 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.14 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 56

Ion	Ratio	Lower	Upper
184	100		
63	0.0	60.0	90.0#
154	0.0	58.3	87.5#

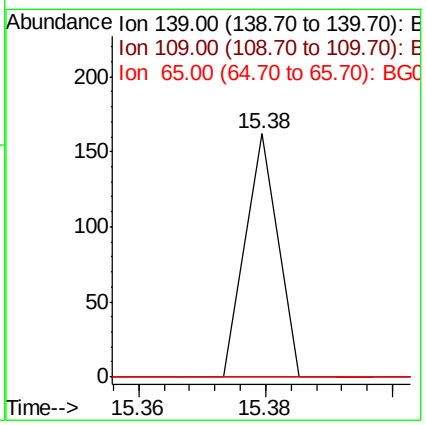


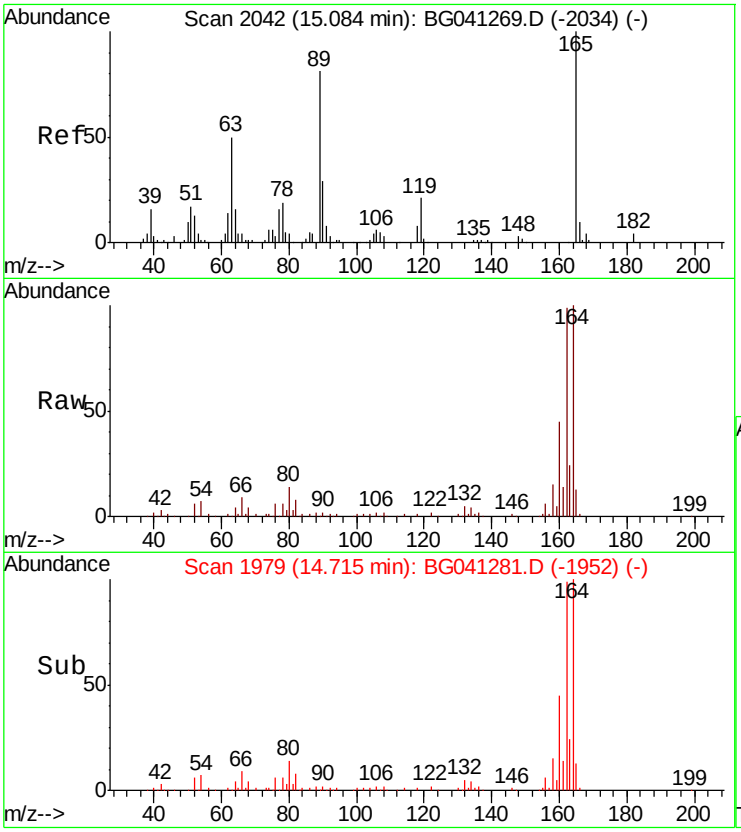


#56
4-Nitrophenol
Concen: 3.250 ng
RT: 15.38 min Scan# 2092
Delta R.T. 0.45 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion:139 Resp: 57

Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.2	133.2#
65	0.0	110.2	150.2#



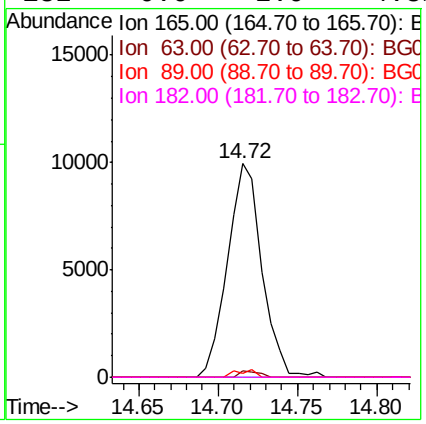


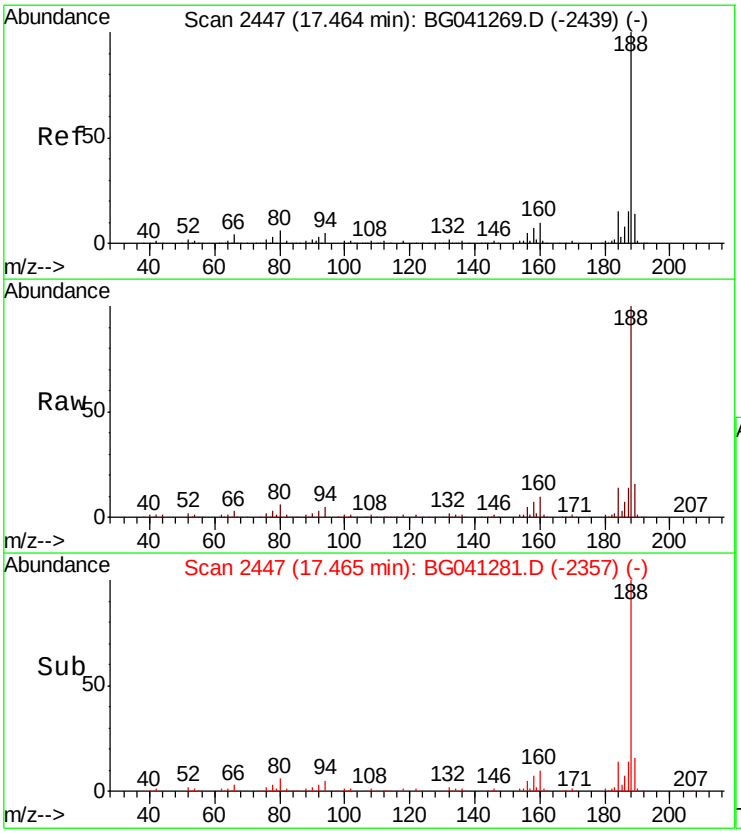
#57
2,4-Dinitrotoluene
Concen: 4.791 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.37 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14973

Ion	Ratio	Lower	Upper
165	100		
63	2.8	40.0	60.0#
89	1.7	64.6	96.8#
182	0.0	2.9	4.3#

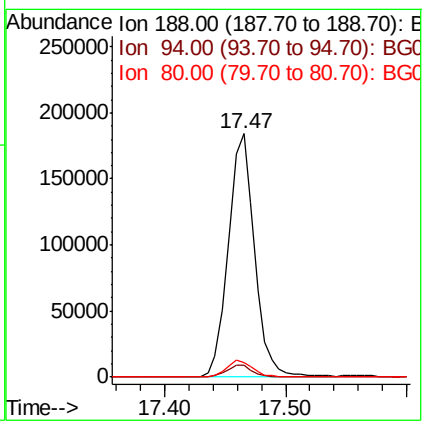


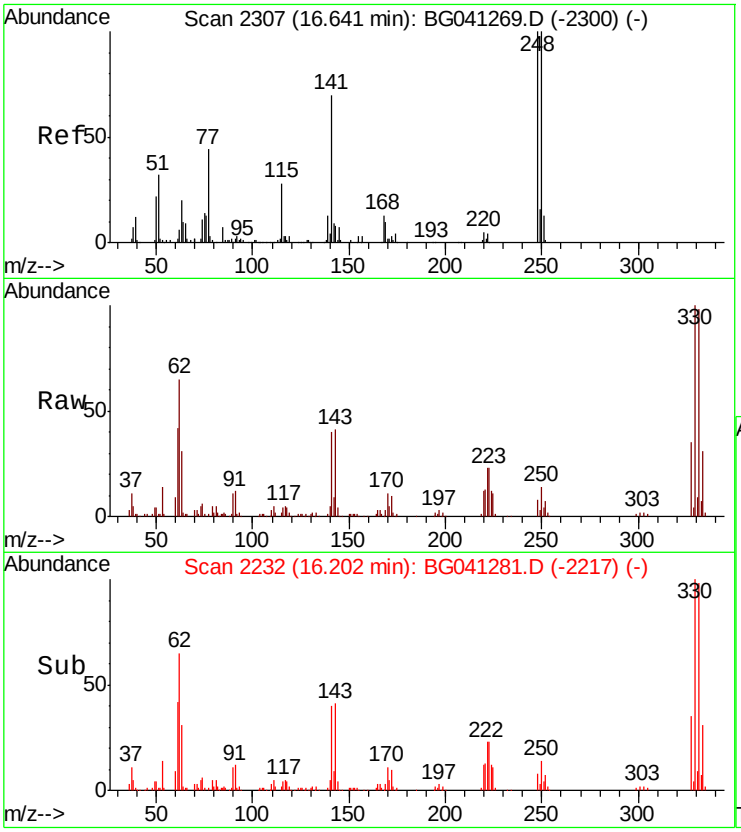


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion:188 Resp: 279855

Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.6	5.4
80	6.1	4.8	7.2



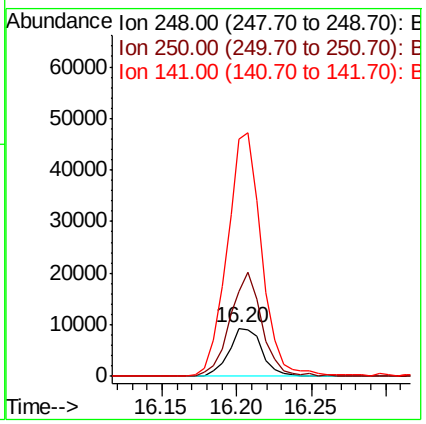


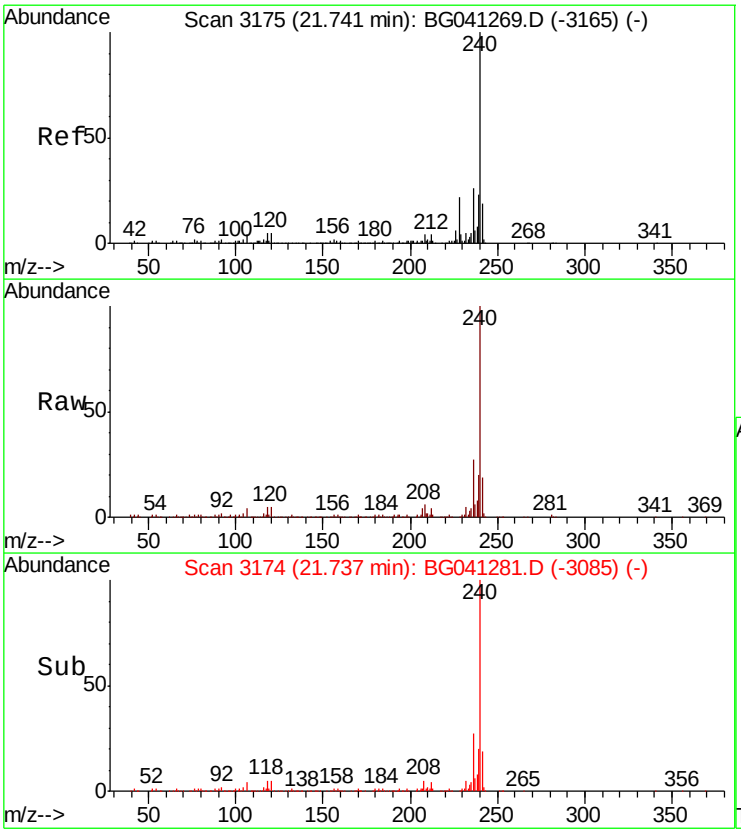
#67
4-Bromophenyl-phenylether
Concen: 4.039 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.44 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14617

Ion	Ratio	Lower	Upper
248	100		
250	177.6	79.8	119.8#
141	495.6	55.8	83.6#

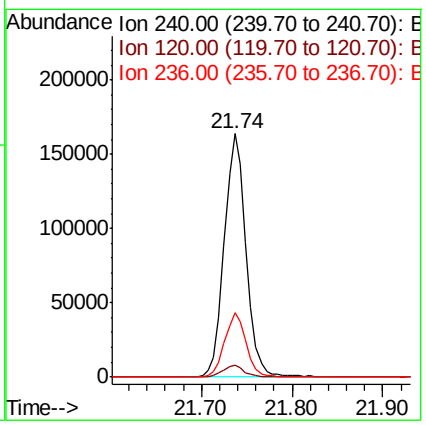


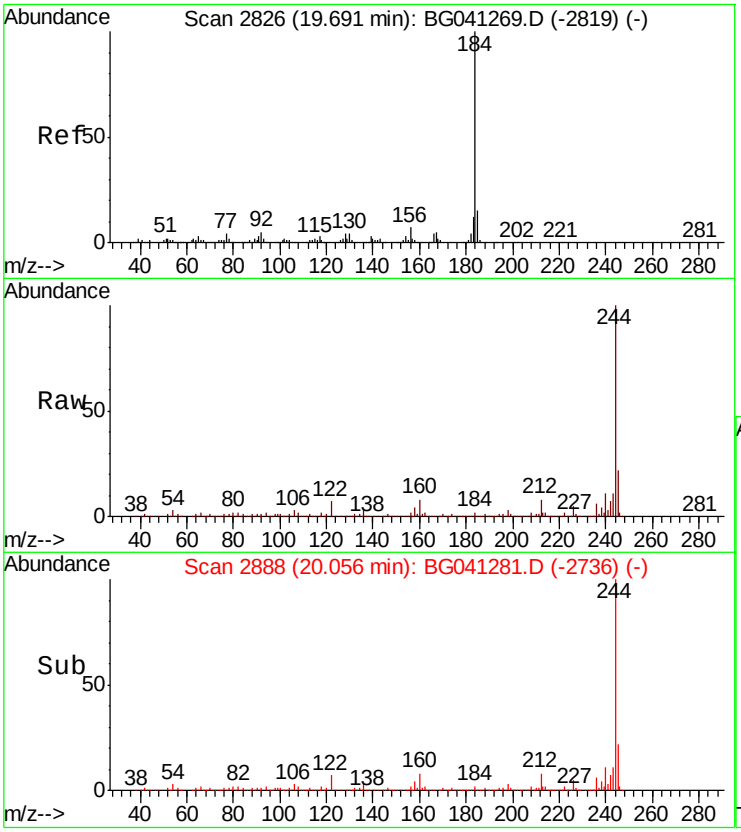


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion:240 Resp: 272500

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.7	5.5
236	26.7	21.1	31.7



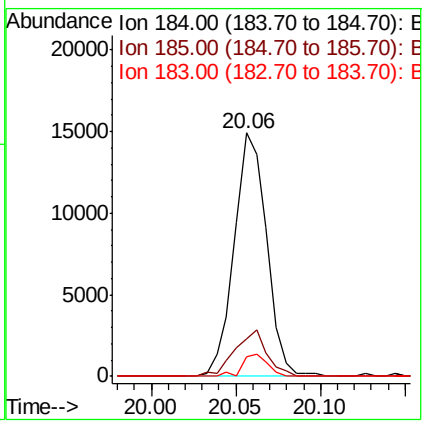


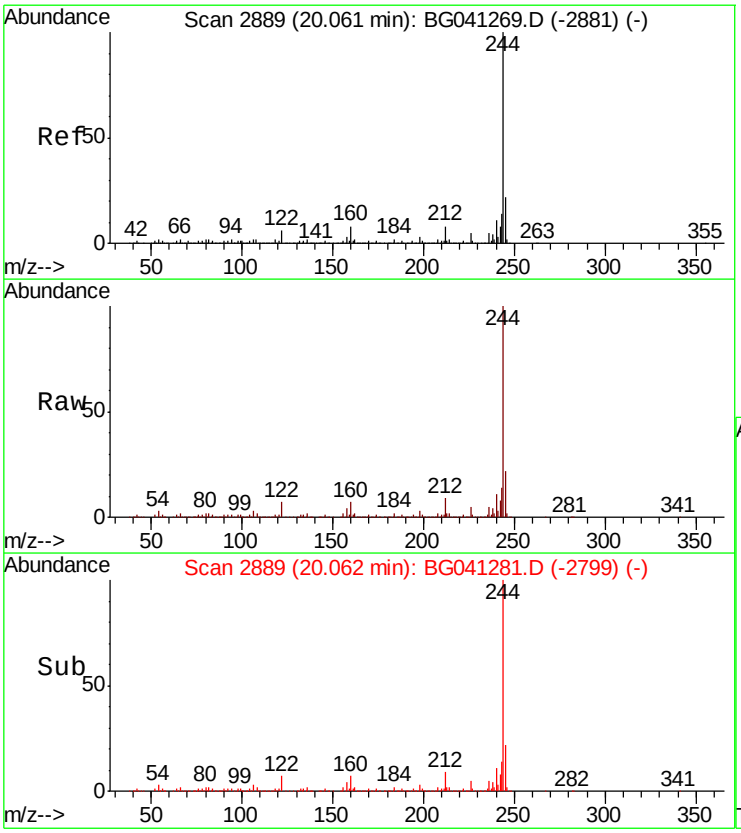
#77
Benzidine
Concen: 3.028 ng
RT: 20.06 min Scan# 2888
Delta R.T. 0.37 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 19958

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	8.0	9.6	14.4#

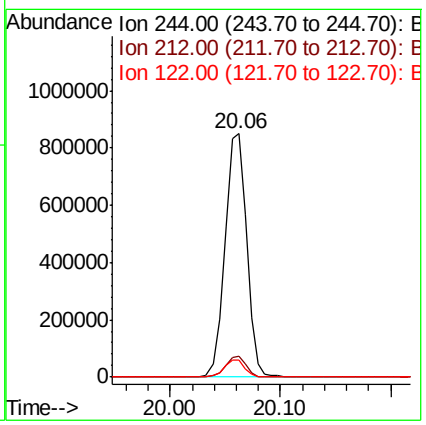


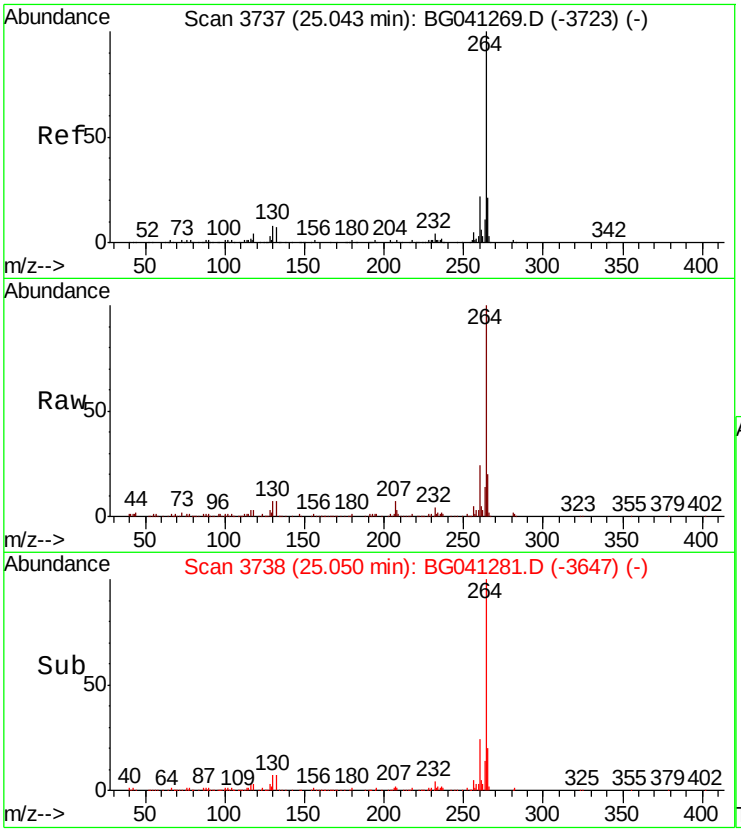


#79
Terphenyl-d14
Concen: 85.180 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Tgt Ion:244 Resp: 1171238

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	6.9	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041281.D
Acq: 17 Jun 2019 21:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 284864

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.2
265	20.5	17.2	25.8