Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
Data File : BG041457.D
Acq On : 25 Jun 2019 23:28
Operator : HP/JU
Sample : K3512-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SAMPLE-7

Quant Time: Jun 26 04:22:37 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	8.04	152	33569	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	113175	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	79455	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	207761	20.00	ng	-0.04
76) Chrysene-d12	21.70	240	214707	20.00	ng	-0.04
87) Perylene-d12	24.98	264	229046	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	226575	124.02	ng	-0.04
7) Phenol-d6	7.20	99	284963	107.61	ng	-0.03
23) Nitrobenzene-d5	9.22	82	258736	96.15	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	175446	143.83	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	583825	99.87	ng	-0.04
79) Terphenyl-d14	20.03	244	1128271	104.14	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	6289	6.865	ng	# 1
19) n-Nitroso-di-n-propylamine	9.22	70	36072	16.842	ng	# 78
51) 2,6-Dinitrotoluene	14.68	165	10847	7.277	ng	# 18
54) 2,4-Dinitrophenol	15.10	184	55	4.894	ng	# 13
57) 2,4-Dinitrotoluene	14.68	165	10847	4.978	ng	# 21
67) 4-Bromophenyl-phenylether	16.17	248	12415	4.621	ng	# 1
77) Benzidine	20.03	184	18745	3.609	ng	# 93

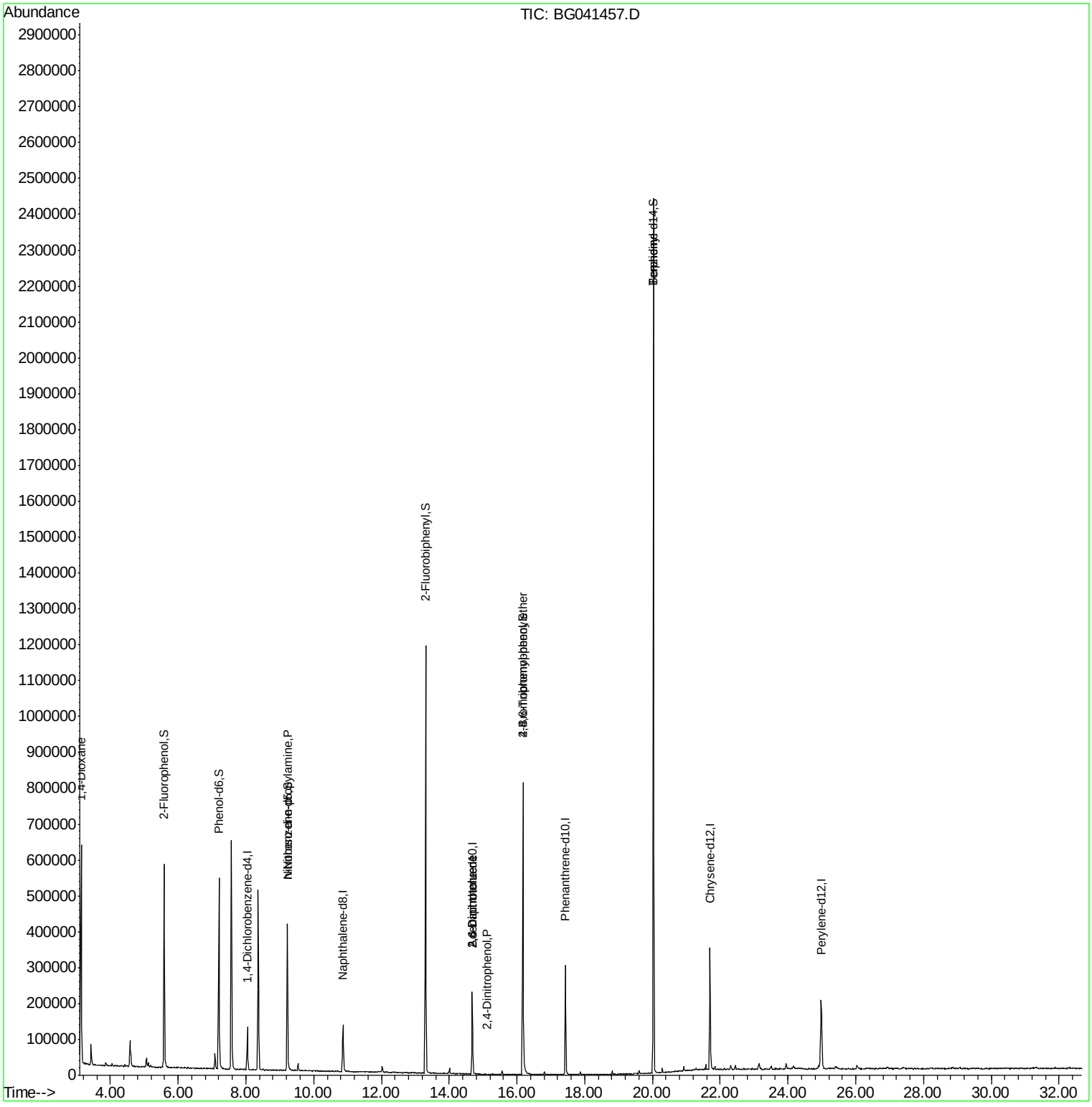
(#) = qualifier out of range (m) = manual integration (+) = signals summed

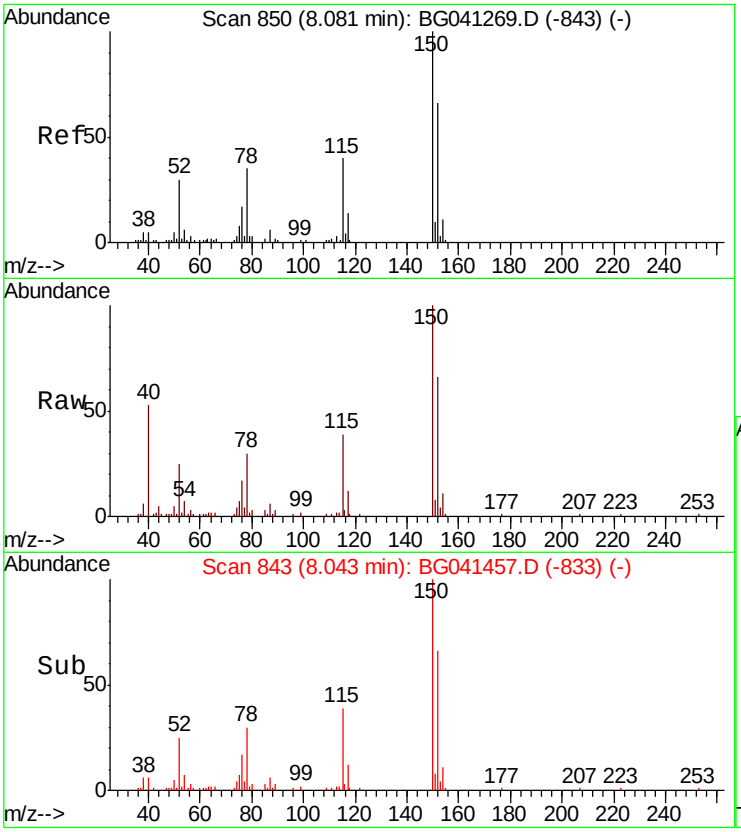
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
Data File : BG041457.D
Acq On : 25 Jun 2019 23:28
Operator : HP/JU
Sample : K3512-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Quant Time: Jun 26 04:22:37 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



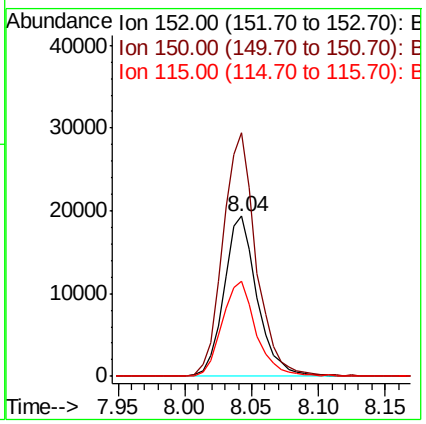


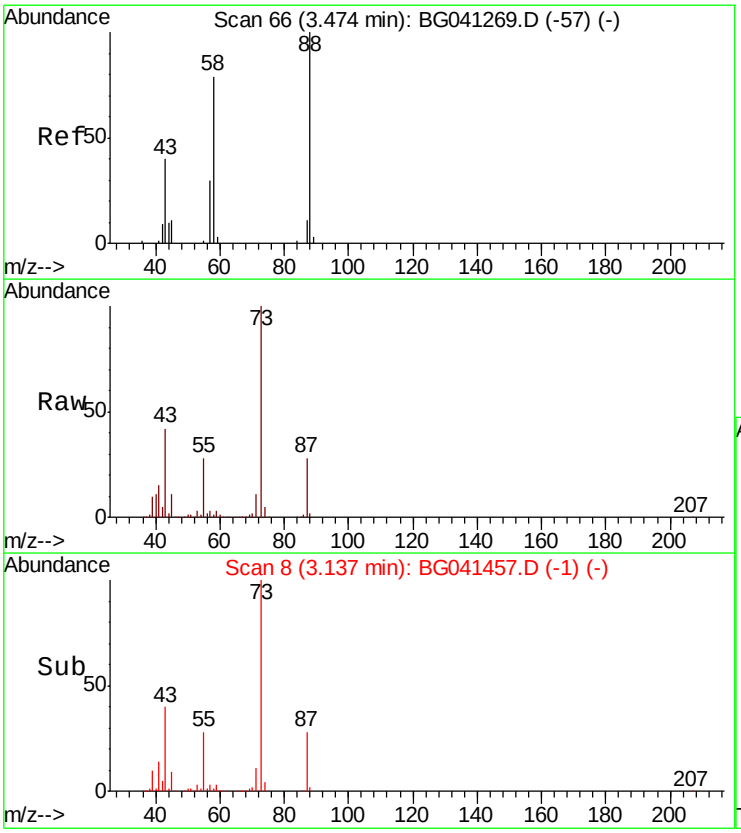
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion:152 Resp: 33569

Ion	Ratio	Lower	Upper
152	100		
150	152.0	120.6	181.0
115	59.6	47.9	71.9

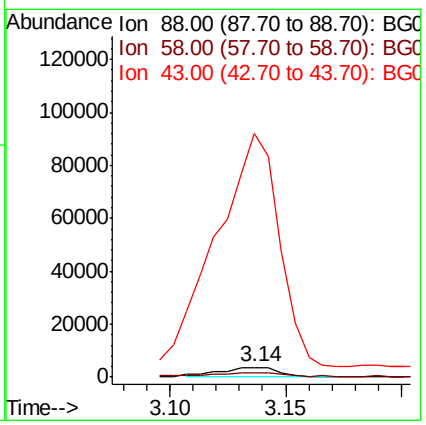


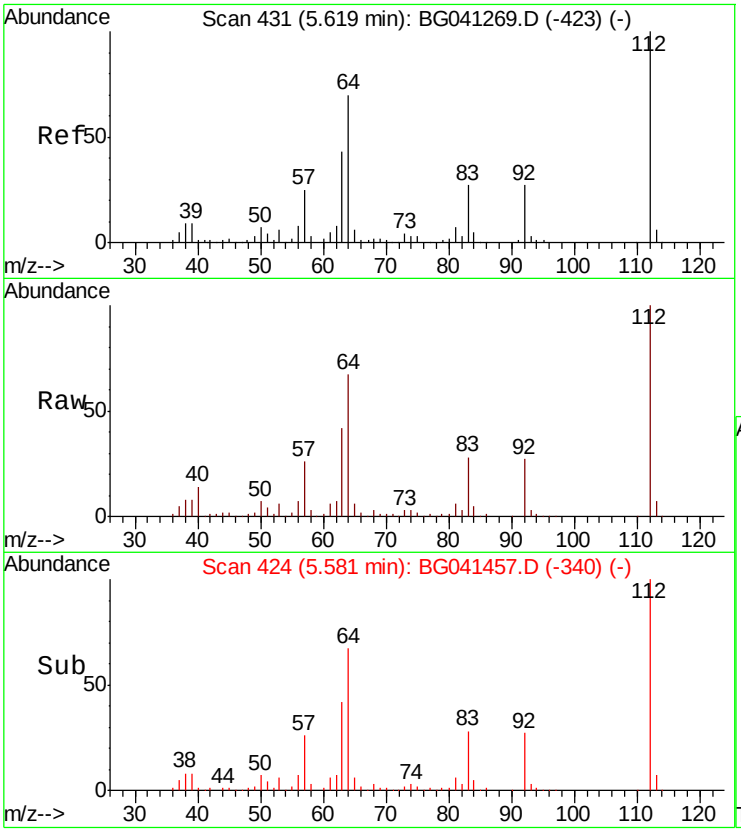


#2
1,4-Dioxane
Concen: 6.865 ng
RT: 3.14 min Scan# 8
Delta R.T. -0.34 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion: 88 Resp: 6289

Ion	Ratio	Lower	Upper
88	100		
58	40.3	59.7	89.5#
43	2481.2	31.9	47.9#



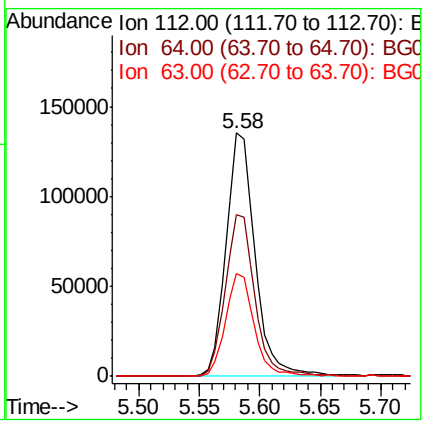


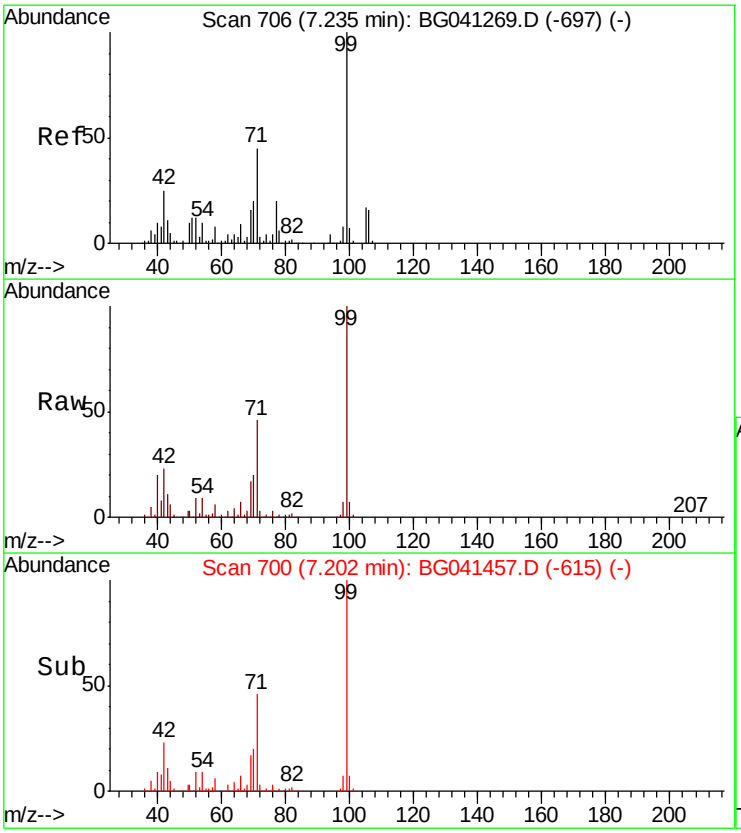
#5
2-Fluorophenol
Concen: 124.017 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion:112 Resp: 226575

Ion	Ratio	Lower	Upper
112	100		
64	66.6	55.9	83.9
63	42.4	34.6	51.8

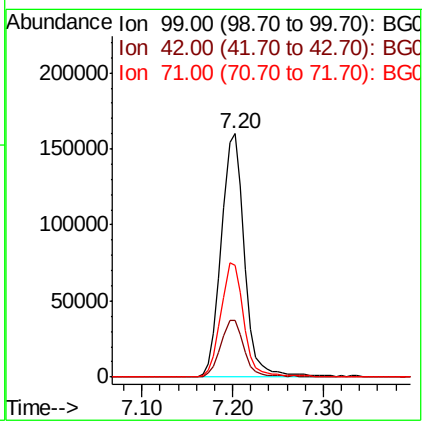


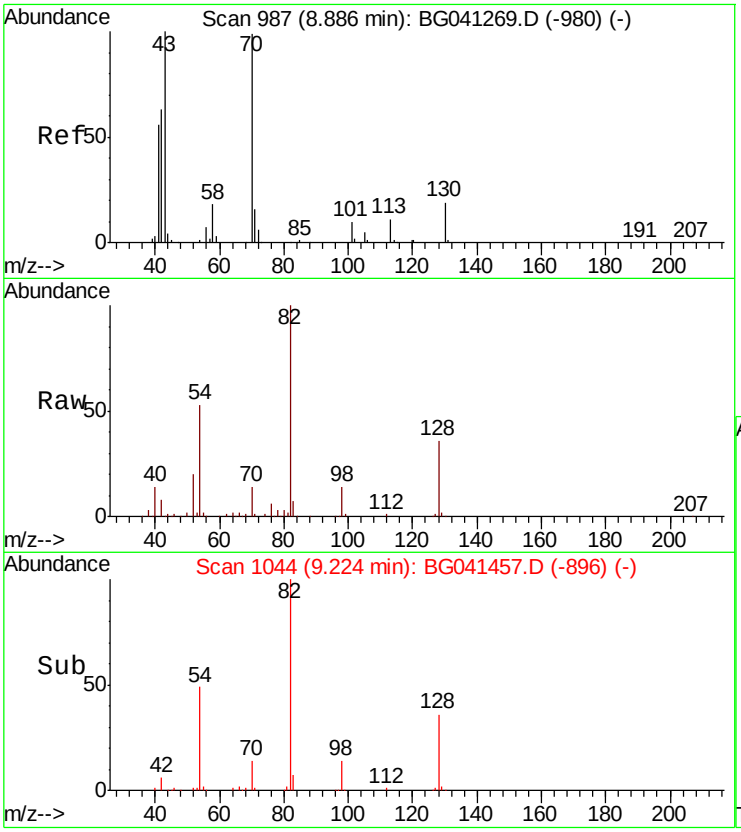


#7
Phenol-d6
Concen: 107.606 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.03 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion: 99 Resp: 284963

Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.9	29.9
71	45.8	36.4	54.6



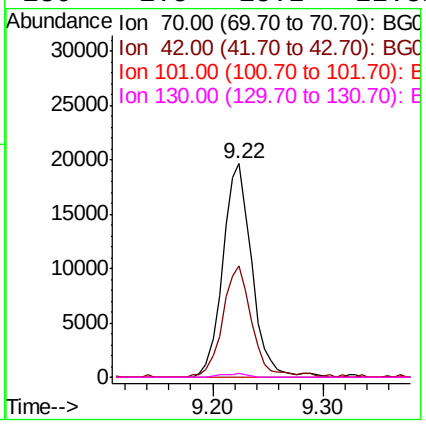


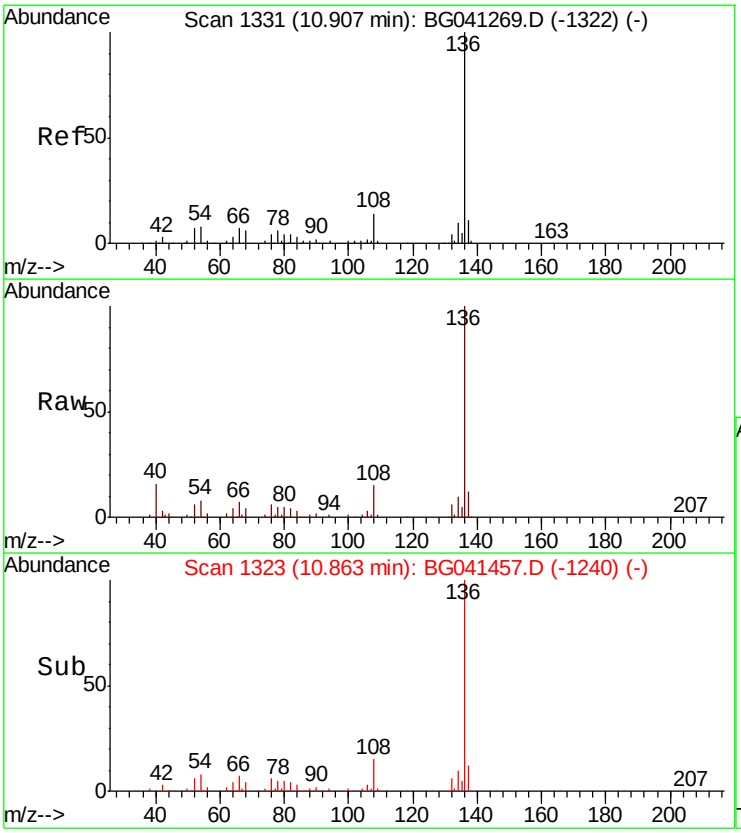
#19
n-Nitroso-di-n-propylamine
Concen: 16.842 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.34 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion: 70 Resp: 36072

Ion	Ratio	Lower	Upper
70	100		
42	52.2	51.4	77.2
101	0.0	8.2	12.2#
130	1.5	15.2	22.8#

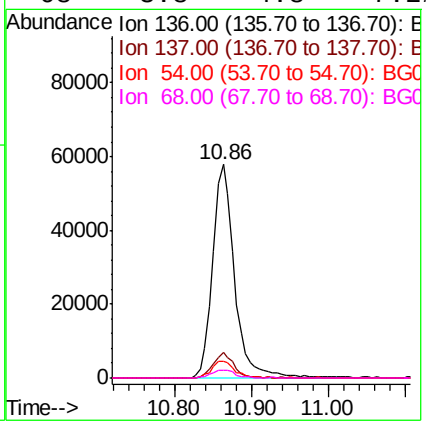


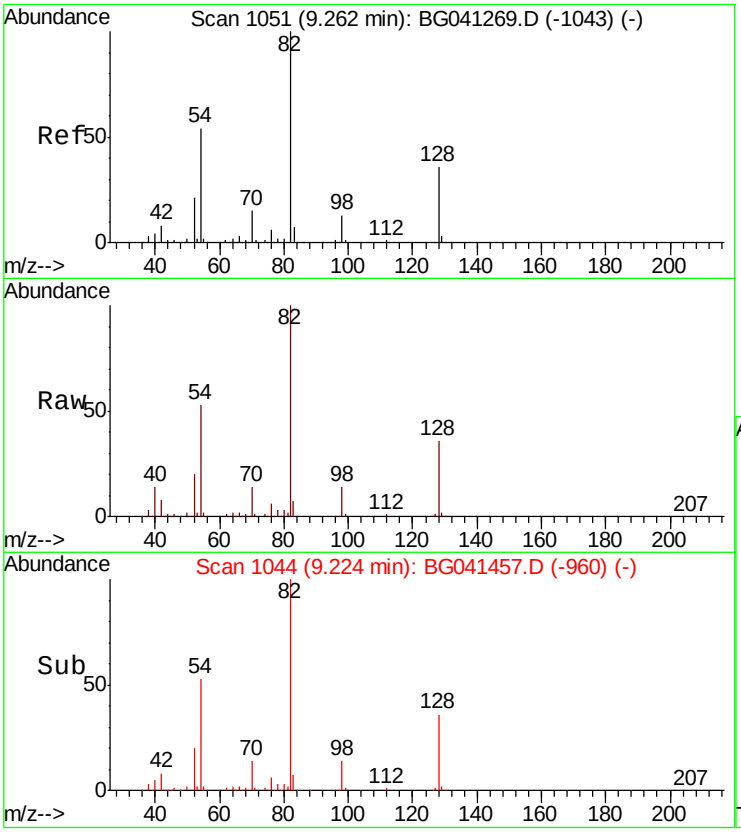


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion:136 Resp: 113175

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	7.7	6.4	9.6
68	3.8	4.8	7.2#



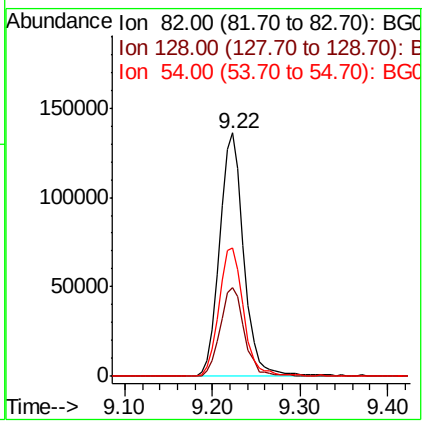


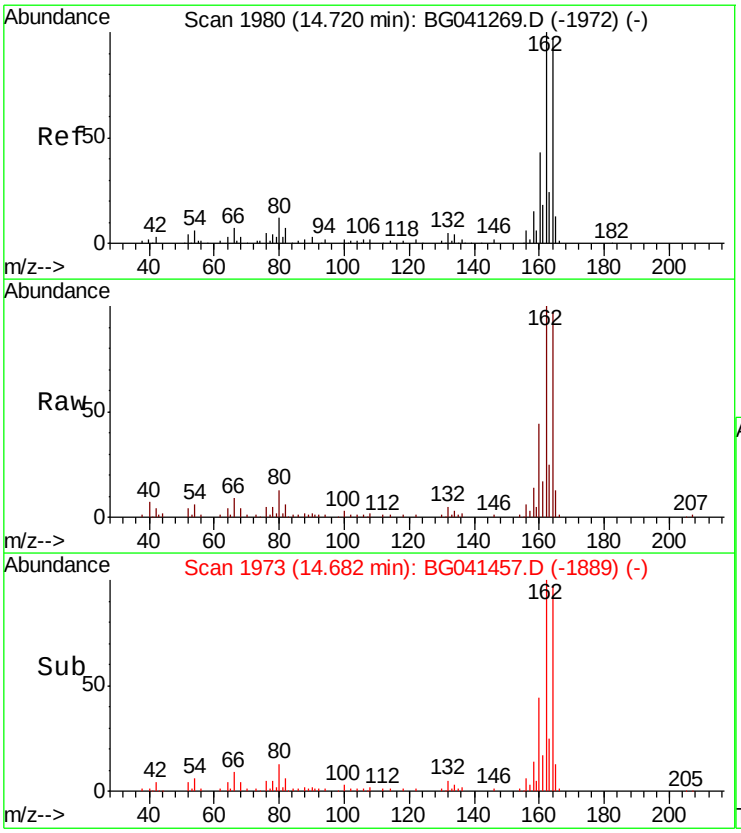
#23
Nitrobenzene-d5
Concen: 96.147 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion: 82 Resp: 258736

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.2	43.8
54	52.9	43.4	65.0

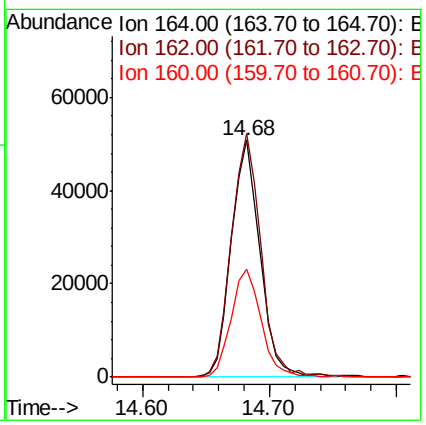


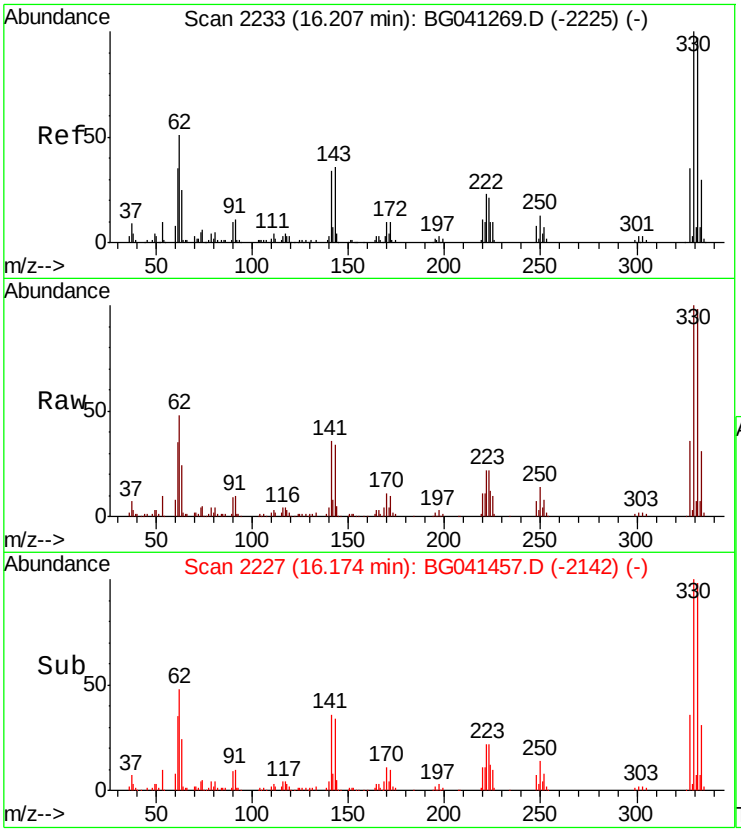


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion:164 Resp: 79455

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	45.3	35.8	53.8



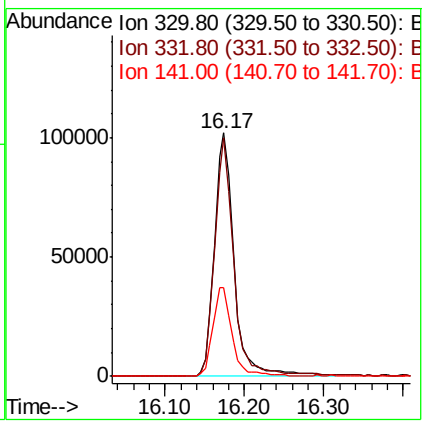


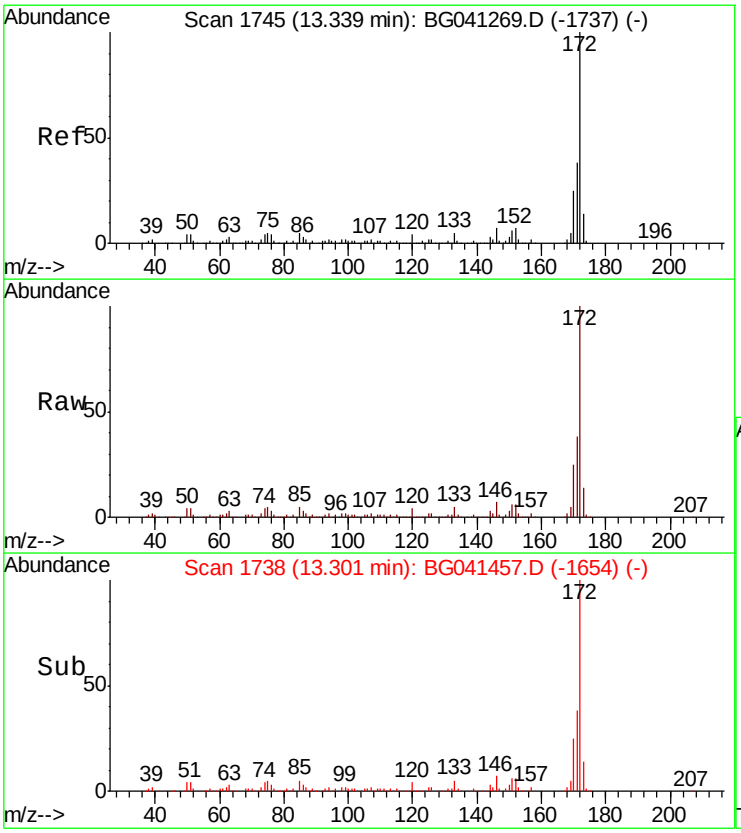
#42
2,4,6-Tribromophenol
Concen: 143.831 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.03 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion:330 Resp: 175446

Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.5	113.3
141	35.9	29.0	43.4

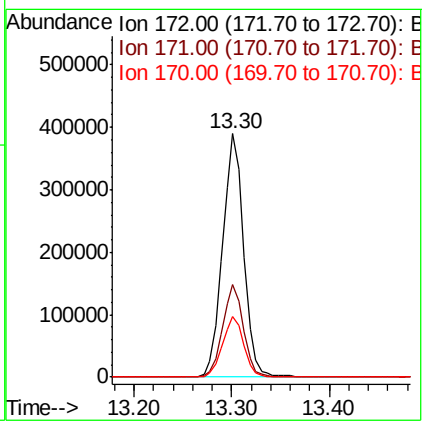


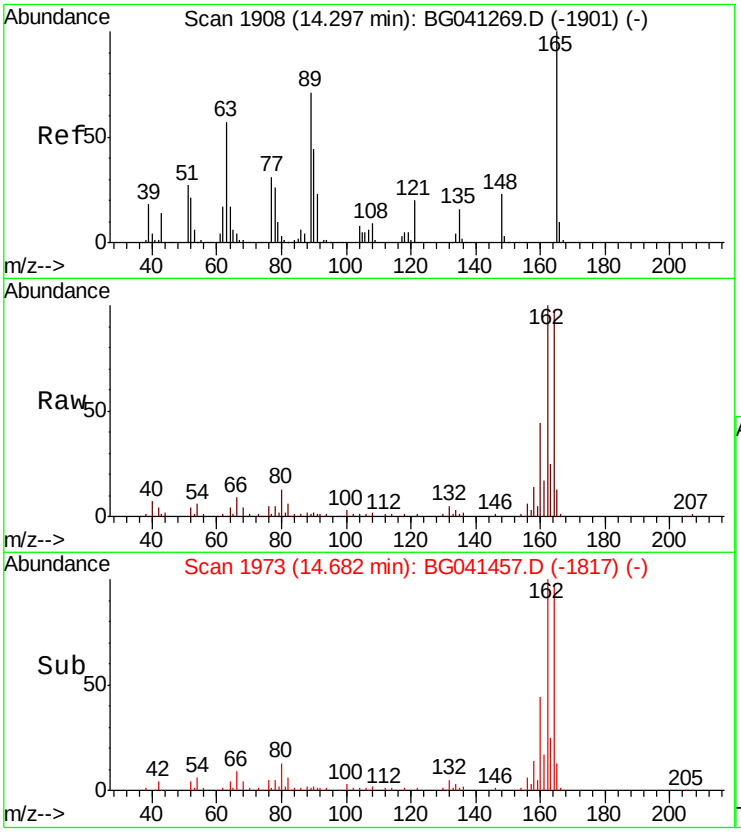


#45
2-Fluorobiphenyl
Concen: 99.869 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion:172 Resp: 583825

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.7	19.8	29.6



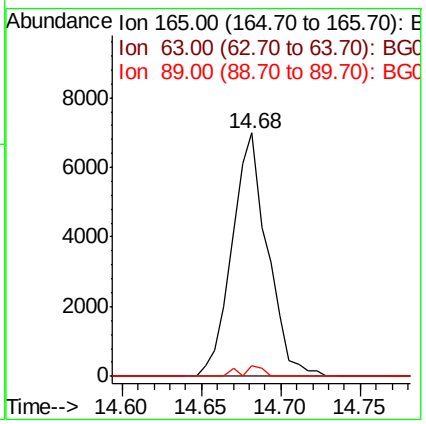


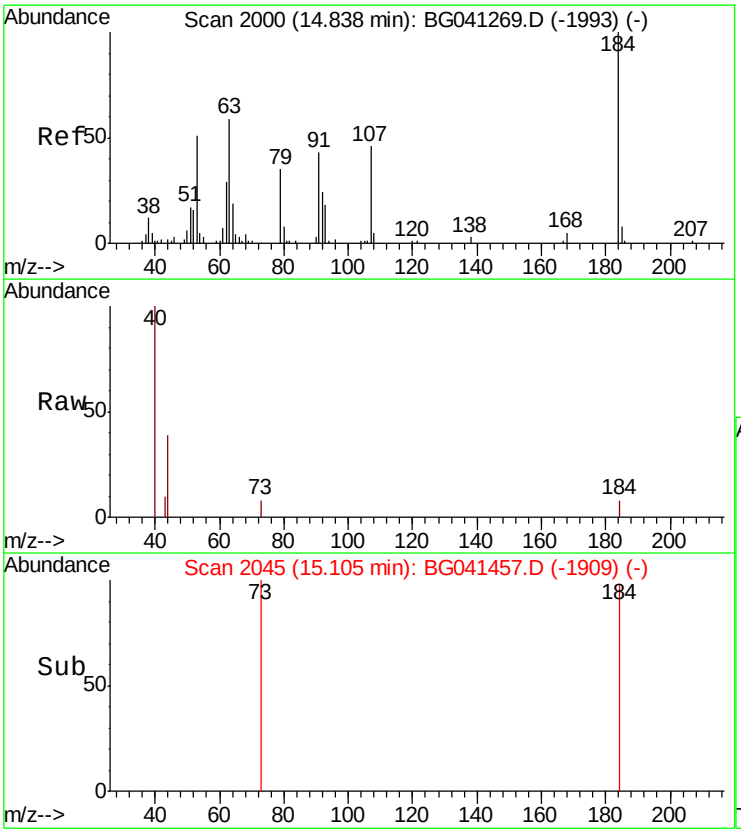
#51
2,6-Dinitrotoluene
Concen: 7.277 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.38 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion:165 Resp: 10847

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	4.5	56.5	84.7#

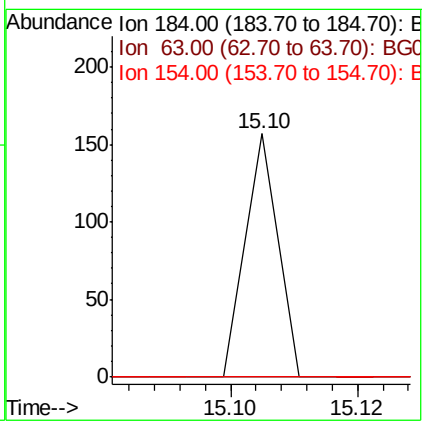


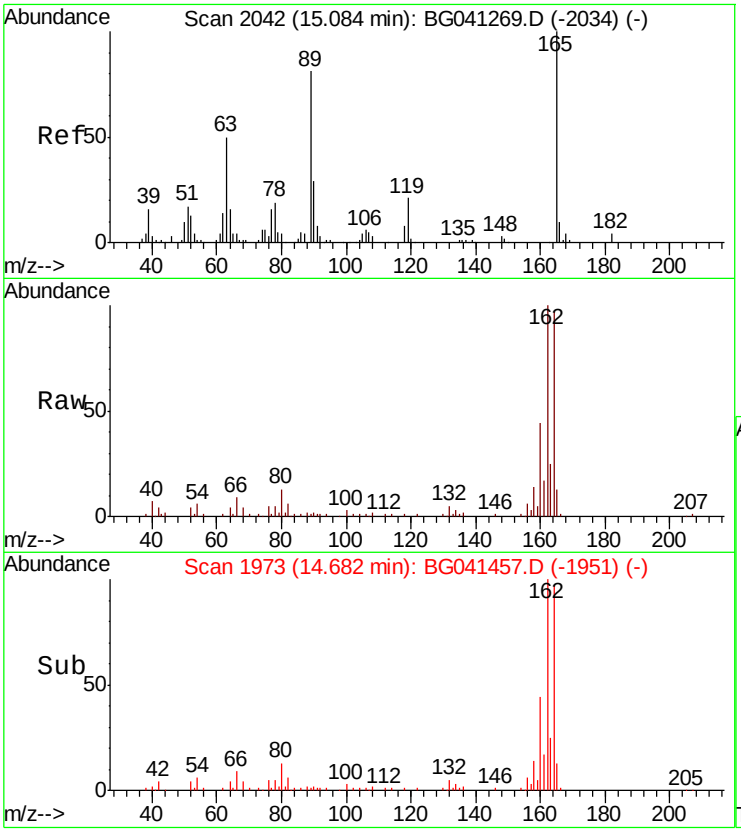


#54
2,4-Dinitrophenol
Concen: 4.894 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.27 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion:184 Resp: 55

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



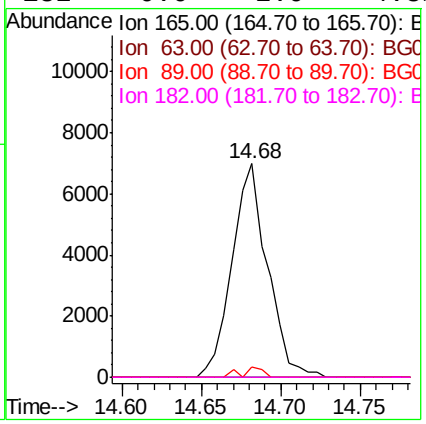


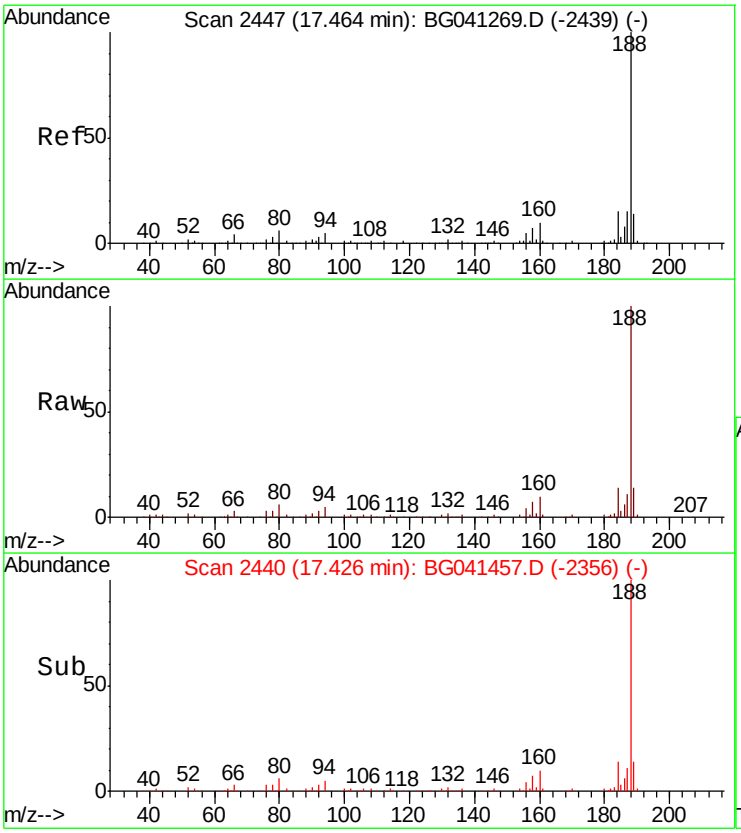
#57
2,4-Dinitrotoluene
Concen: 4.978 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.40 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion:165 Resp: 10847

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	4.5	64.6	96.8#
182	0.0	2.9	4.3#

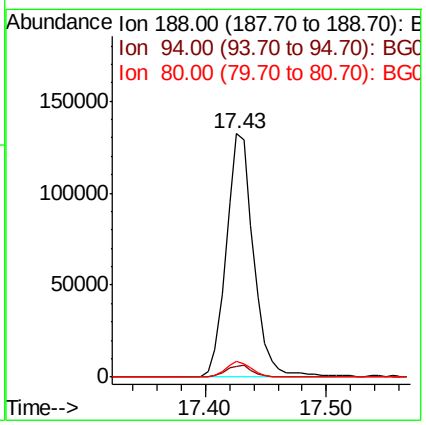


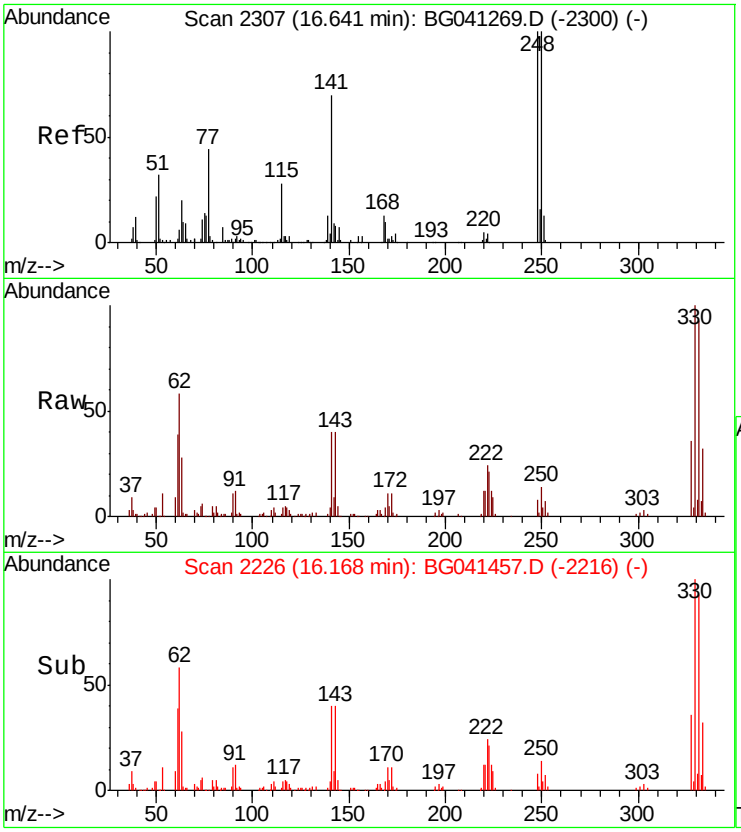


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion:188 Resp: 207761

Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.6	5.4
80	6.3	4.8	7.2



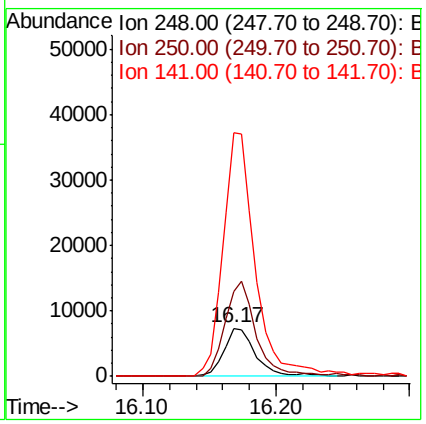


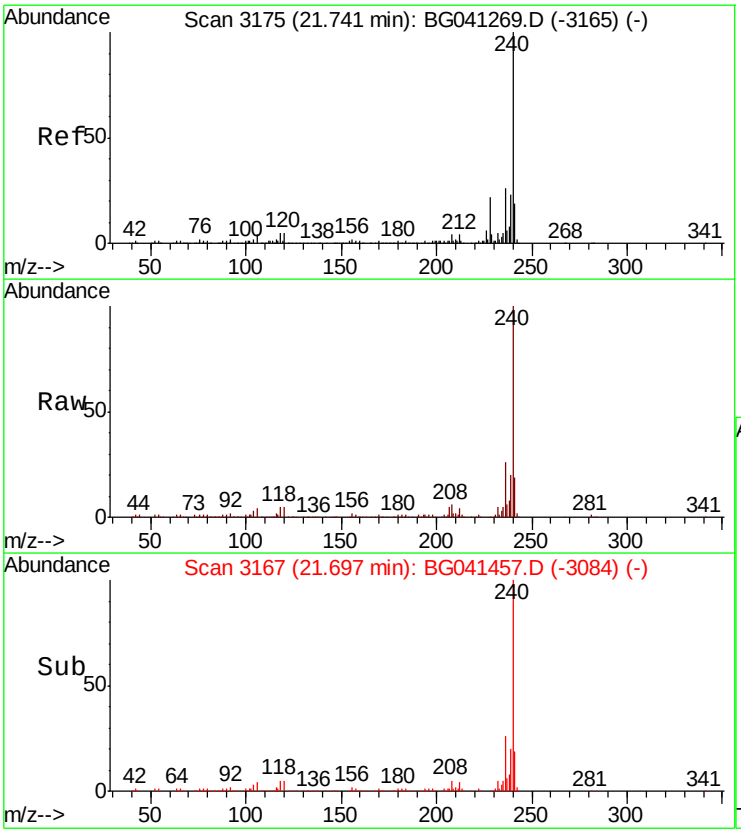
#67
4-Bromophenyl-phenylether
Concen: 4.621 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.47 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion:248 Resp: 12415

Ion	Ratio	Lower	Upper
248	100		
250	172.5	79.8	119.8#
141	385.8	55.8	83.6#

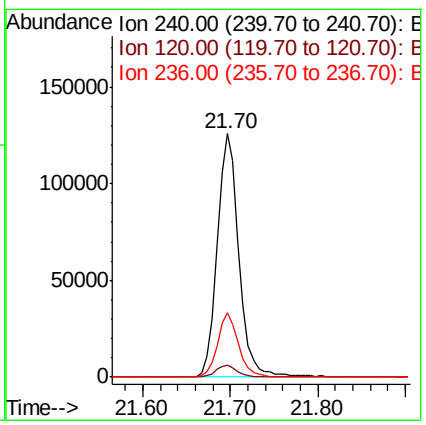


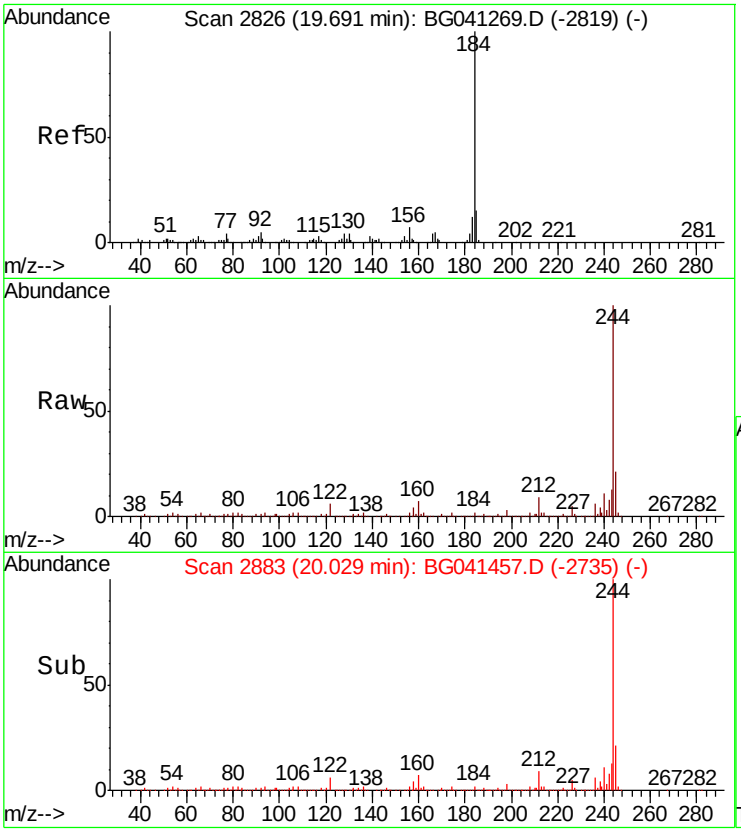


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion:240 Resp: 214707

Ion	Ratio	Lower	Upper
240	100		
120	5.0	3.7	5.5
236	26.2	21.1	31.7



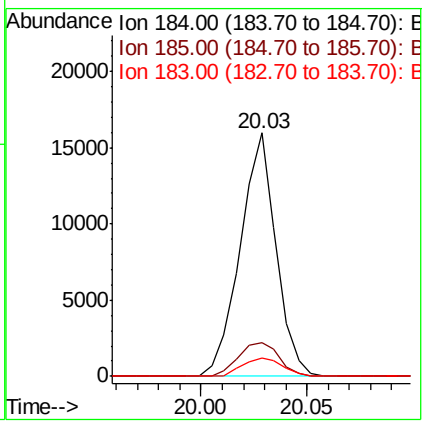


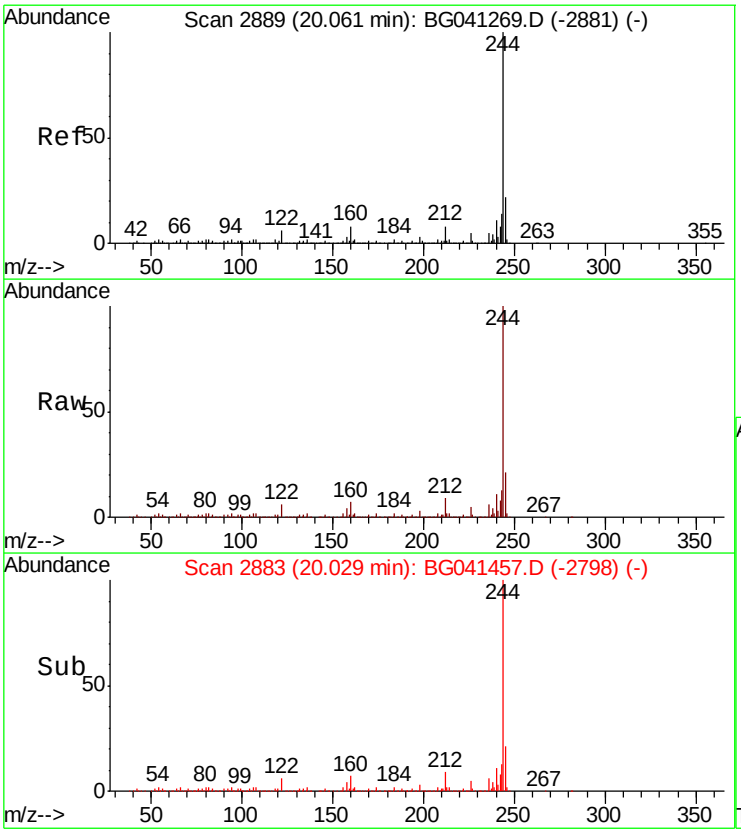
#77
Benzidine
Concen: 3.609 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.34 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion:184 Resp: 18745

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.2	18.2
183	7.6	9.6	14.4#

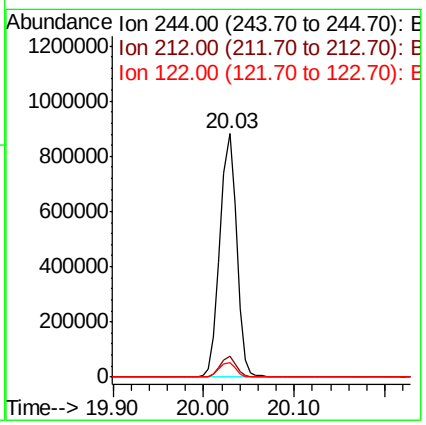


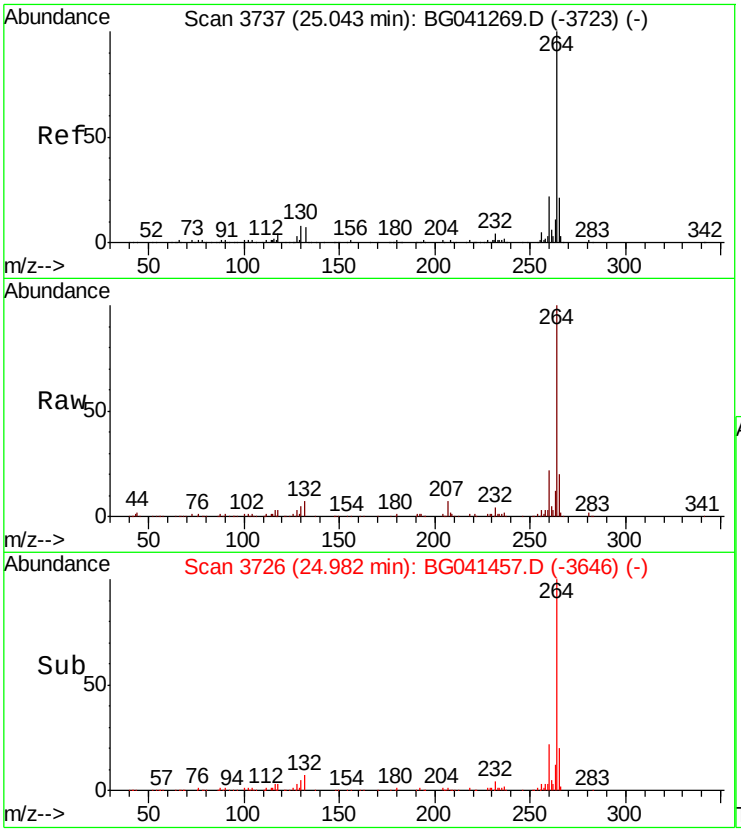


#79
Terphenyl-d14
Concen: 104.142 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.03 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion:244 Resp: 1128271

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	6.0	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.06 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion:264 Resp: 229046

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.2
265	20.0	17.2	25.8