Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
Data File : BG041453.D
Acq On : 25 Jun 2019 20:56
Operator : HP/JU
Sample : K3511-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-2

Quant Time: Jun 26 04:21:53 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	33507	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	115329	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	78714	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	208427	20.00	ng	-0.04
76) Chrysene-d12	21.70	240	217583	20.00	ng	-0.04
87) Perylene-d12	24.98	264	226195	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	233631	128.12	ng	-0.04
7) Phenol-d6	7.20	99	298992	113.11	ng	-0.03
23) Nitrobenzene-d5	9.23	82	261088	95.21	ng	-0.04
42) 2,4,6-Tribromophenol	16.18	330	182908	151.36	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	598468	103.34	ng	-0.04
79) Terphenyl-d14	20.03	244	1131595	103.07	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	6934	7.583	ng	# 1
19) n-Nitroso-di-n-propylamine	9.22	70	37349	17.470	ng	# 77
51) 2,6-Dinitrotoluene	14.68	165	10446	7.074	ng	# 15
54) 2,4-Dinitrophenol	14.31	184	57	4.896	ng	# 13
57) 2,4-Dinitrotoluene	14.68	165	10446	4.839	ng	# 18
77) Benzidine	20.03	184	19279	3.663	ng	95

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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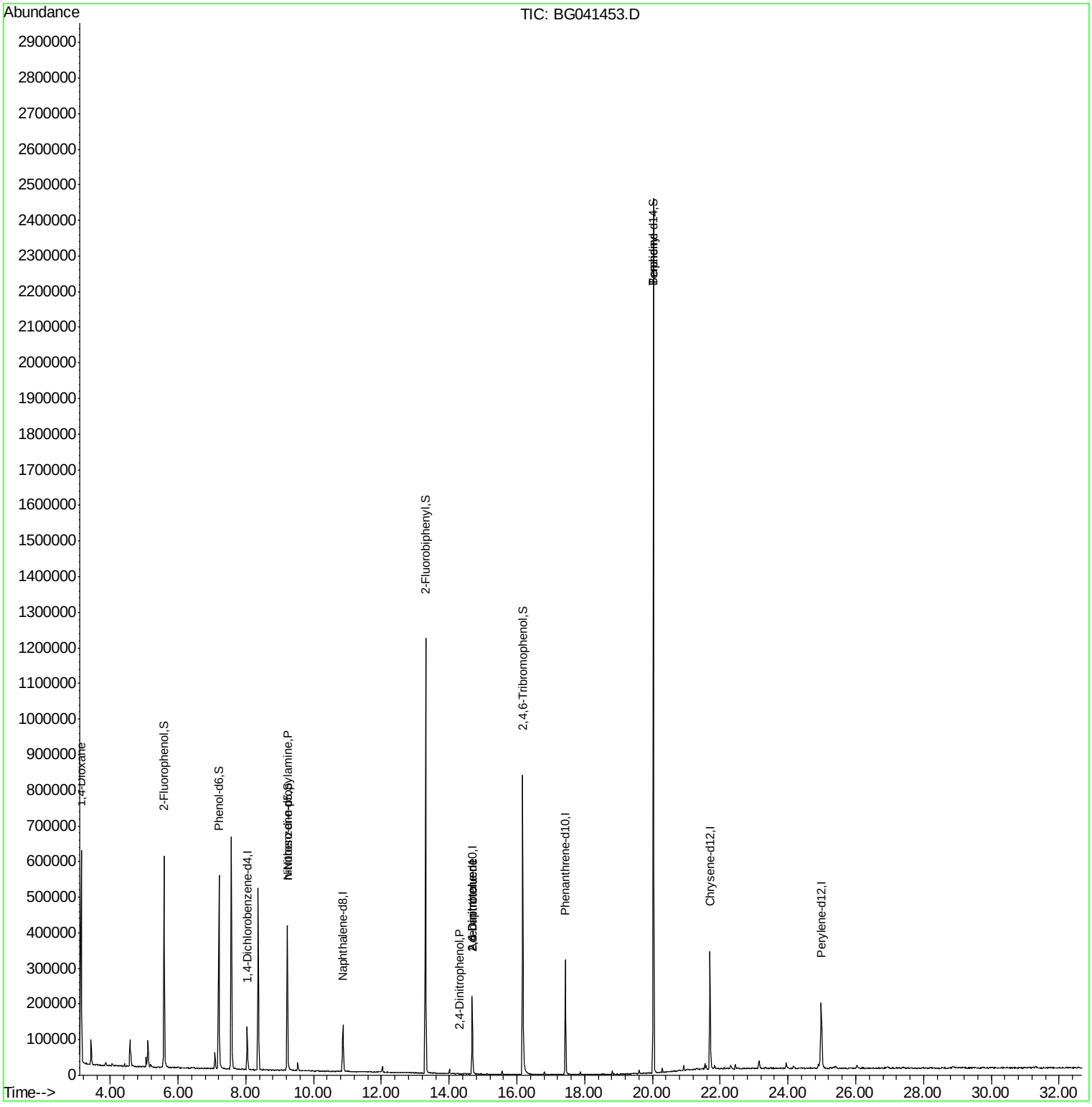
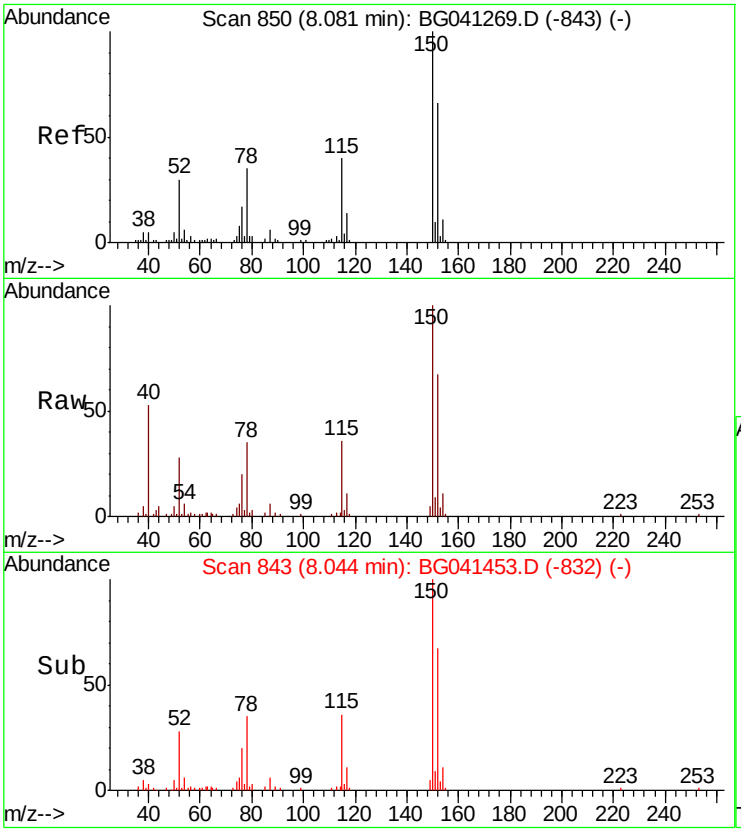


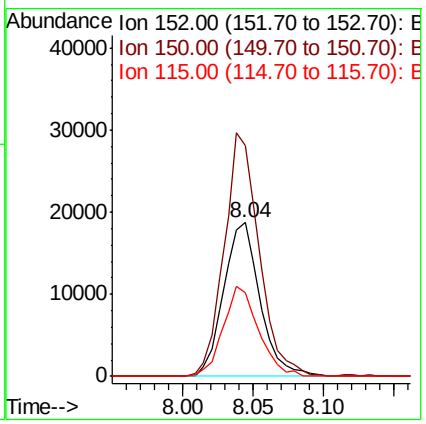


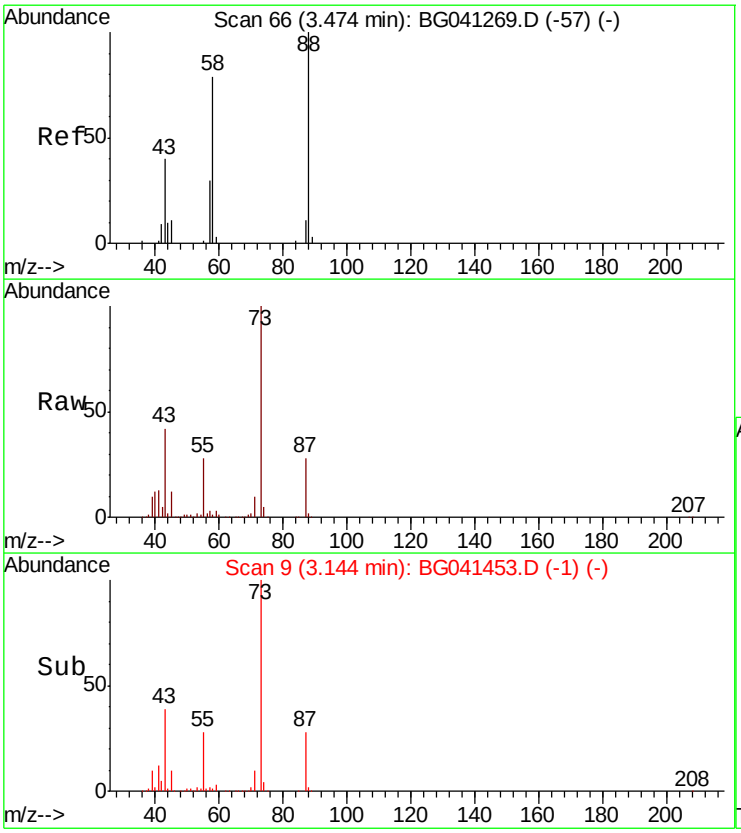
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 33507

Ion	Ratio	Lower	Upper
152	100		
150	150.1	120.6	181.0
115	54.6	47.9	71.9

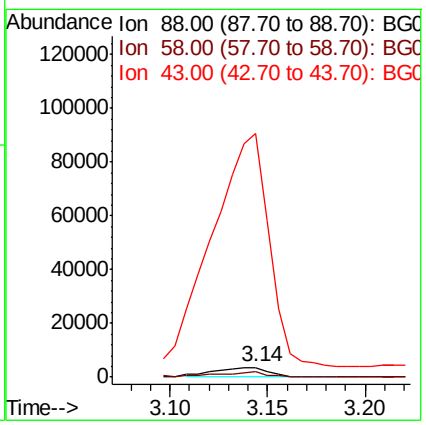


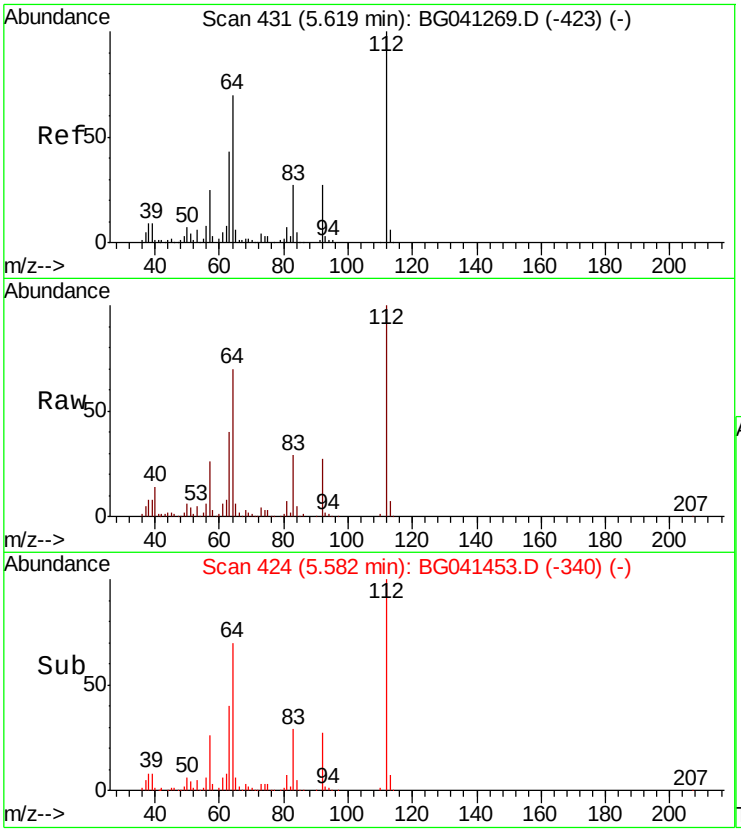


#2
1,4-Dioxane
Concen: 7.583 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Tgt Ion: 88 Resp: 6934

Ion	Ratio	Lower	Upper
88	100		
58	44.1	59.7	89.5#
43	2370.1	31.9	47.9#



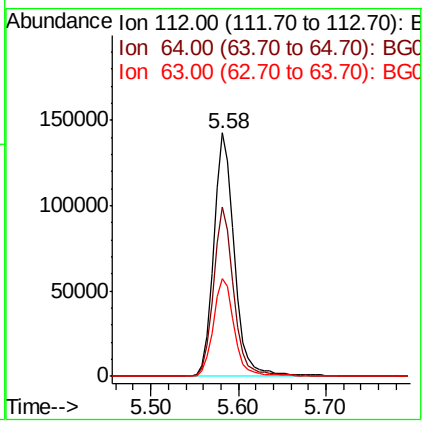


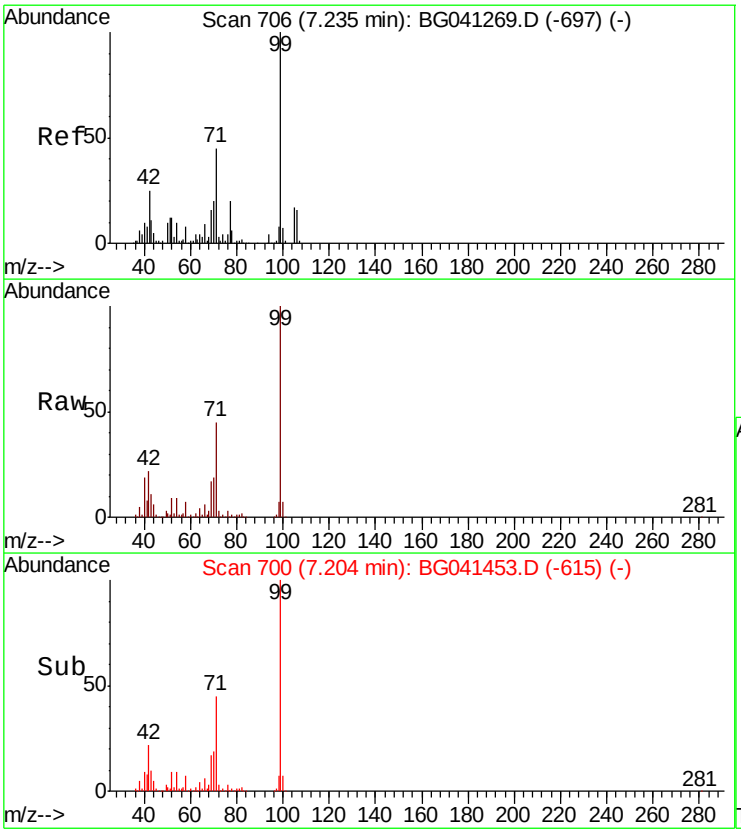
#5
2-Fluorophenol
Concen: 128.116 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:112 Resp: 233631

Ion	Ratio	Lower	Upper
112	100		
64	69.5	55.9	83.9
63	40.1	34.6	51.8

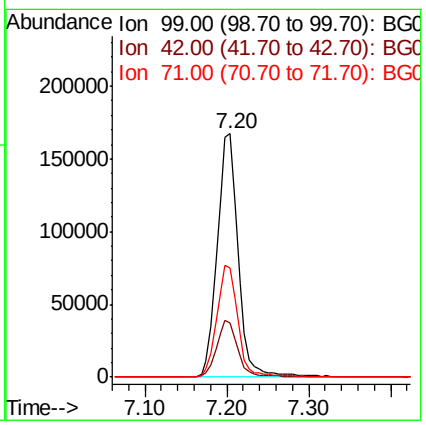


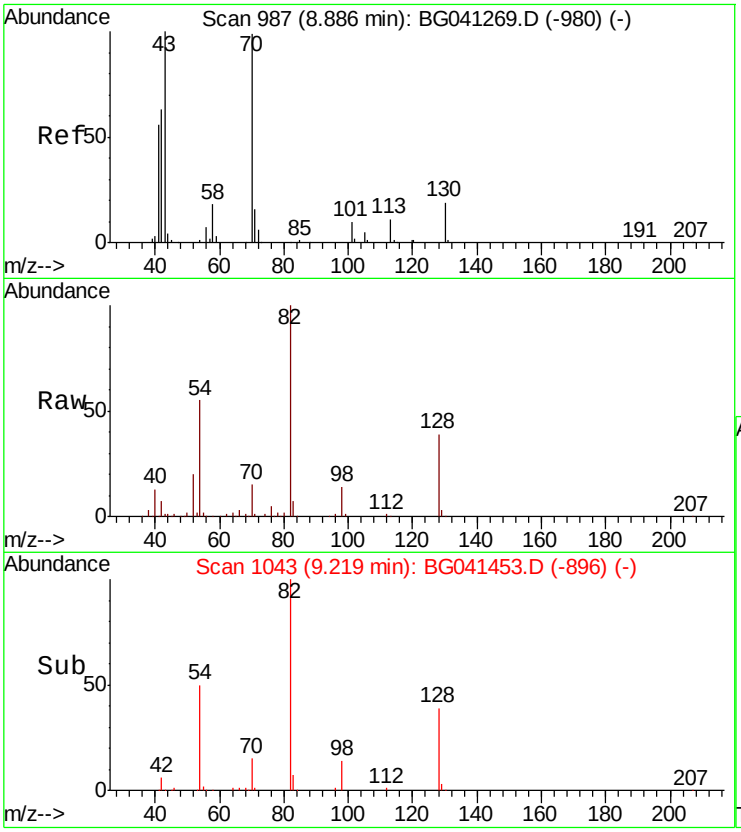


#7
Phenol-d6
Concen: 113.112 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.03 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Tgt Ion: 99 Resp: 298992

Ion	Ratio	Lower	Upper
99	100		
42	22.1	19.9	29.9
71	45.1	36.4	54.6



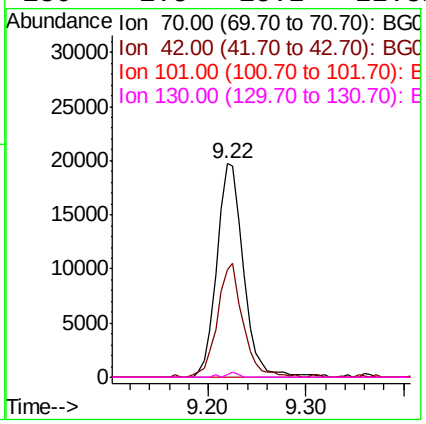


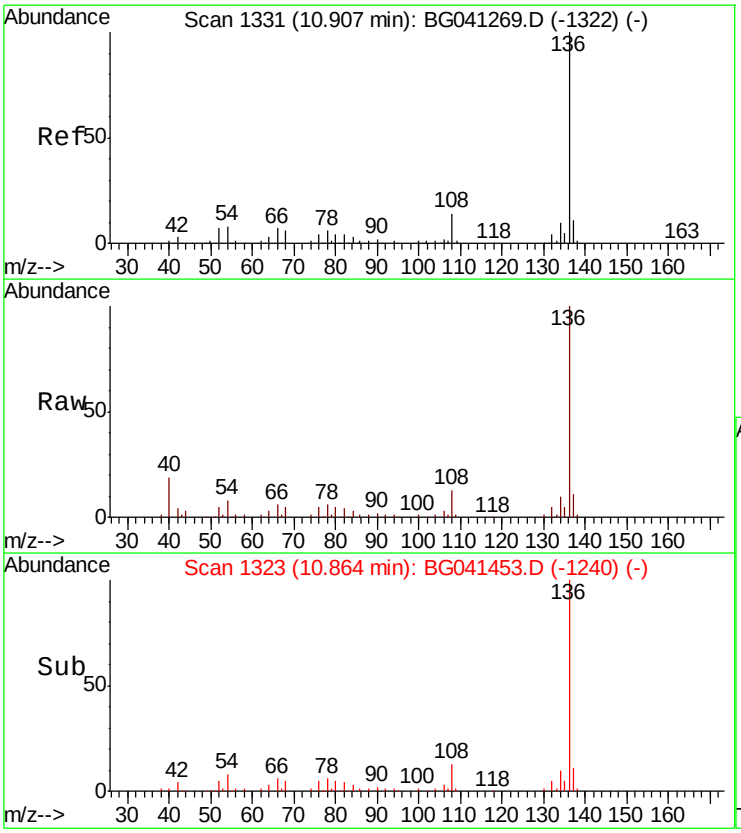
#19
n-Nitroso-di-n-propylamine
Concen: 17.470 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.33 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion: 70 Resp: 37349

Ion	Ratio	Lower	Upper
70	100		
42	50.1	51.4	77.2#
101	0.0	8.2	12.2#
130	1.5	15.2	22.8#

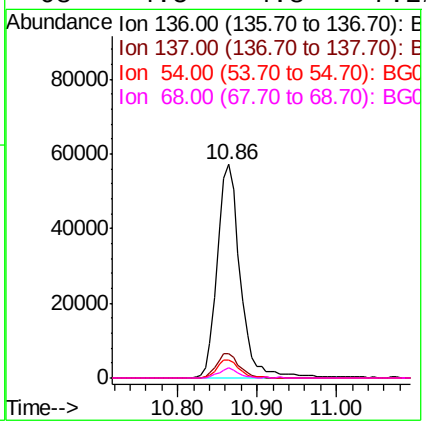


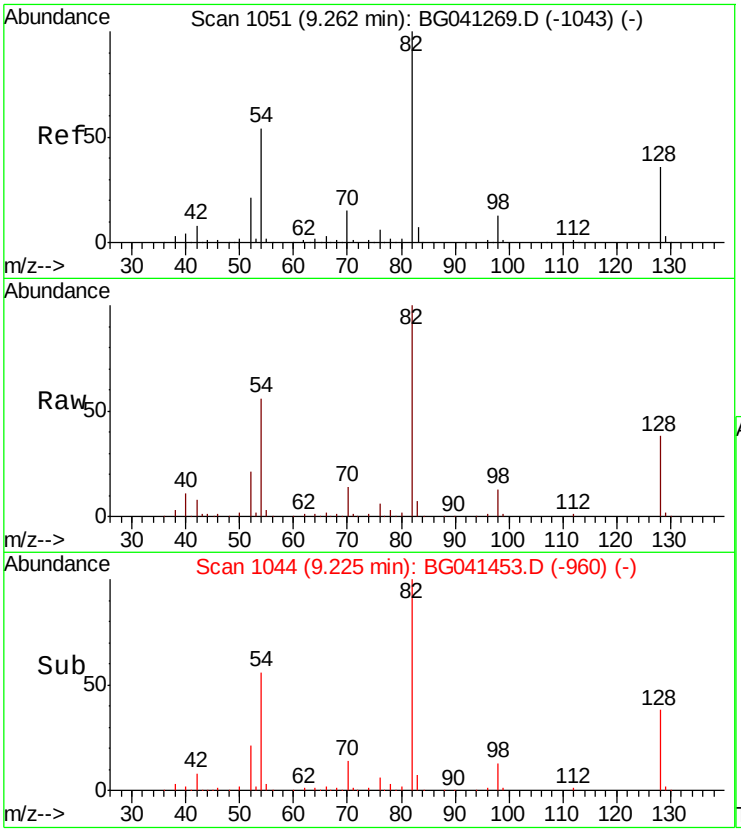


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Tgt Ion:136 Resp: 115329

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.2	6.4	9.6
68	4.5	4.8	7.2#



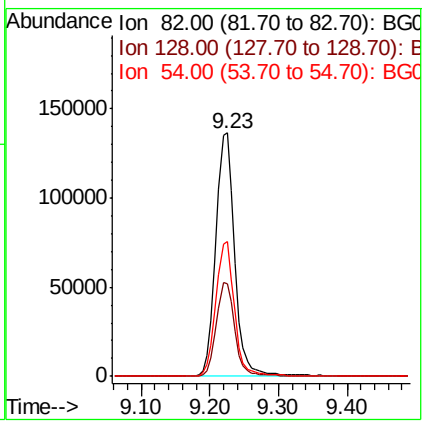


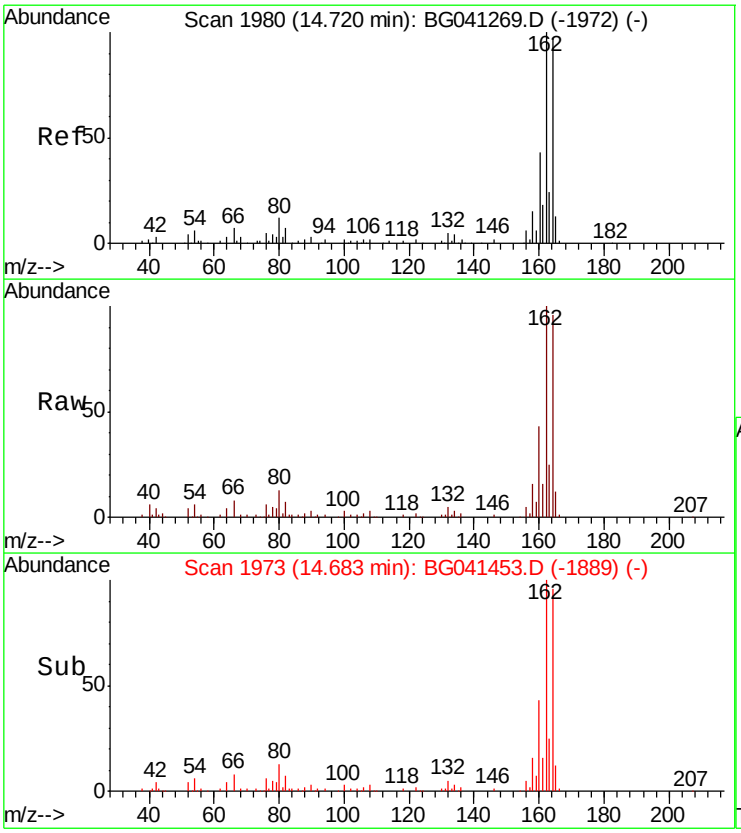
#23
Nitrobenzene-d5
Concen: 95.209 ng
RT: 9.23 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion: 82 Resp: 261088

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.2	43.8
54	55.6	43.4	65.0

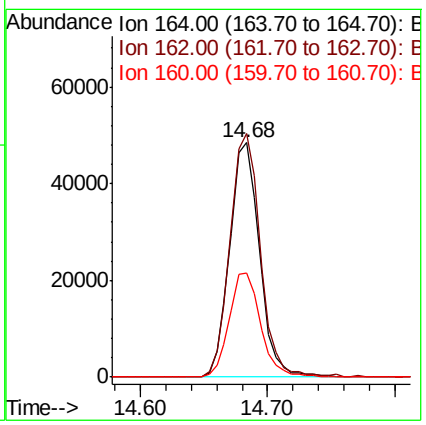


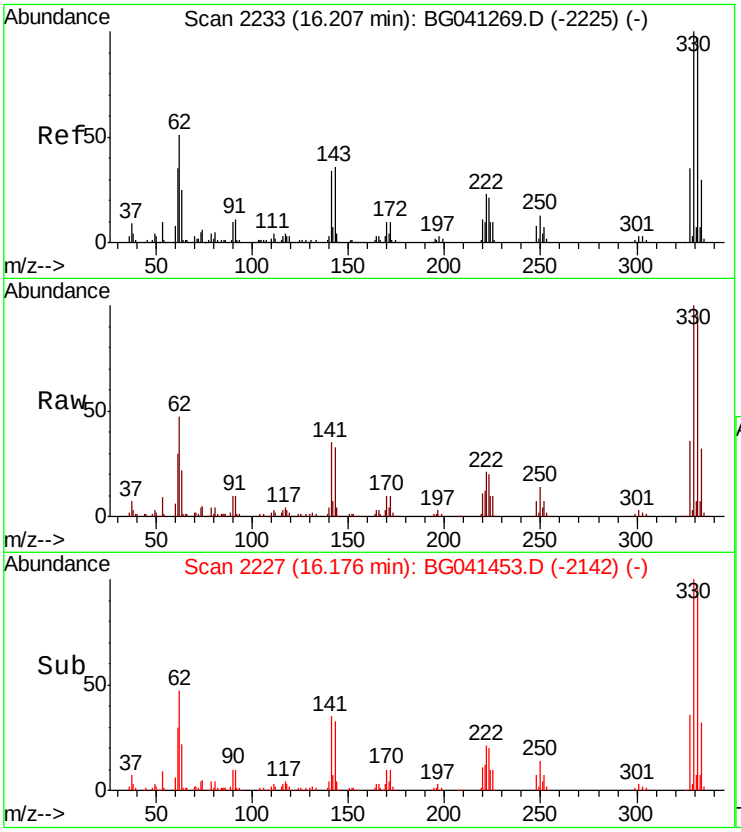


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Tgt Ion:164 Resp: 78714

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.8	124.2
160	44.4	35.8	53.8



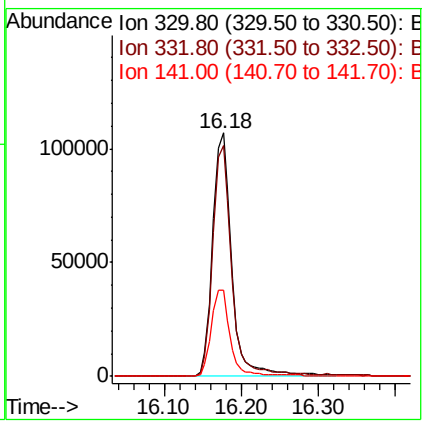


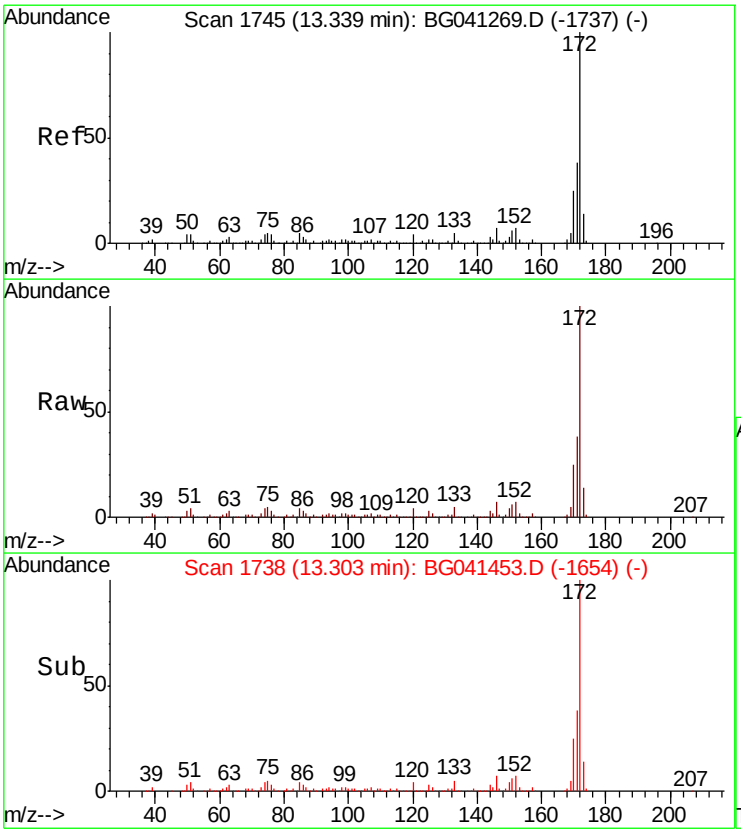
#42
2,4,6-Tribromophenol
Concen: 151.360 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.03 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:330 Resp: 182908

Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.5	113.3
141	36.1	29.0	43.4

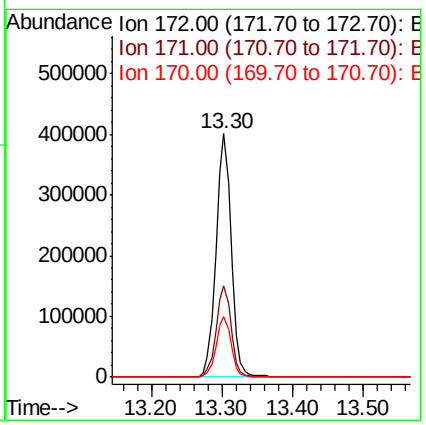


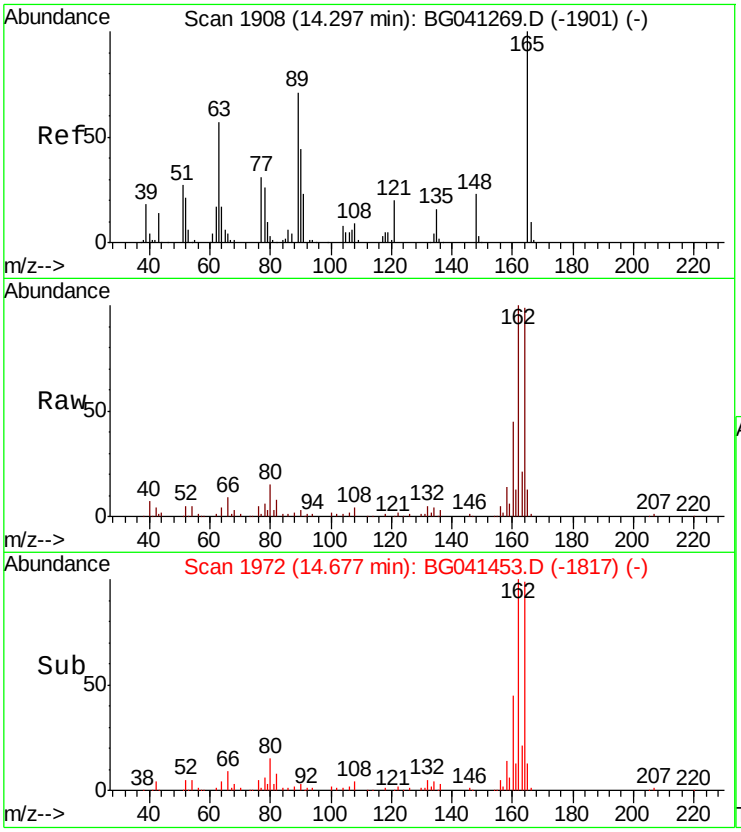


#45
2-Fluorobiphenyl
Concen: 103.338 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.04 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Tgt Ion:172 Resp: 598468

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.1	19.8	29.6



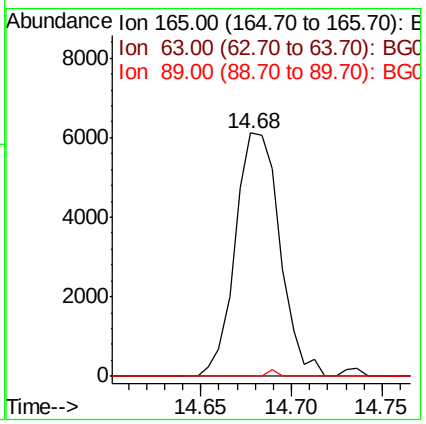


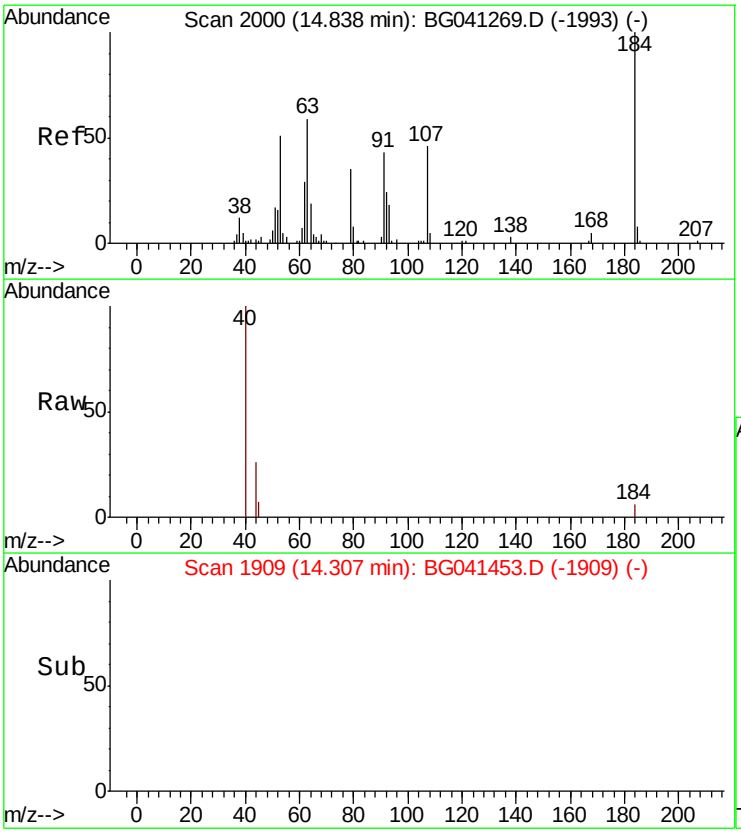
#51
2,6-Dinitrotoluene
Concen: 7.074 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.38 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:165 Resp: 10446

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

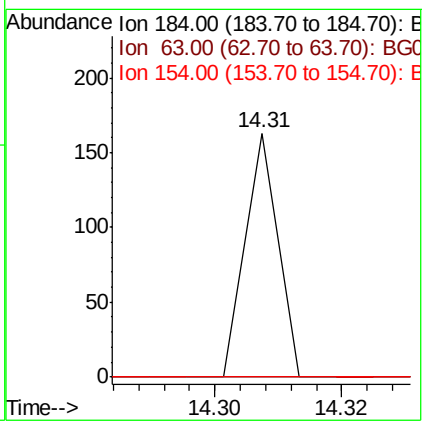


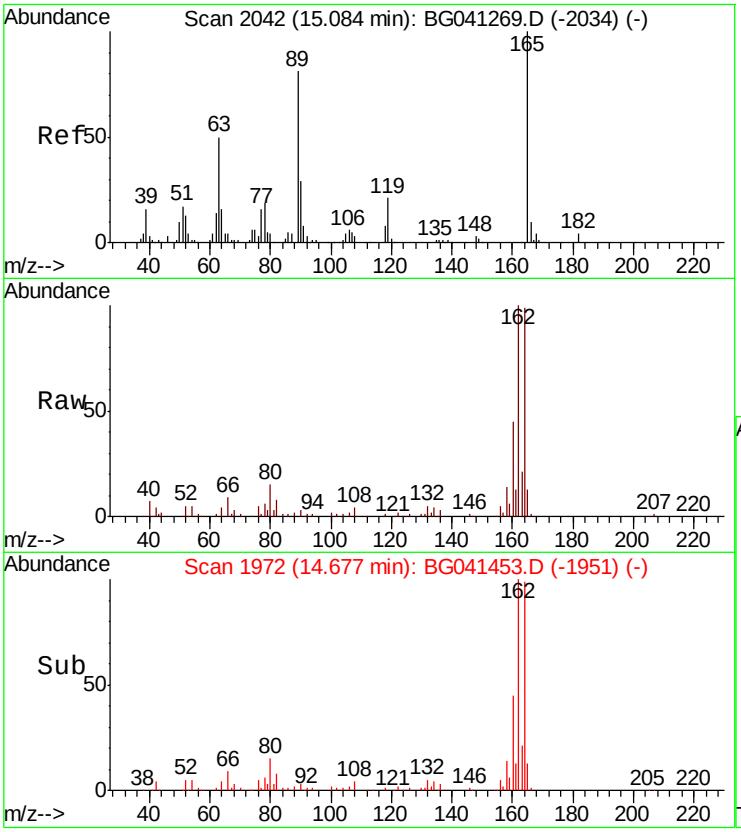


#54
2,4-Dinitrophenol
Concen: 4.896 ng
RT: 14.31 min Scan# 1909
Delta R.T. -0.53 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Tgt Ion:184 Resp: 57

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



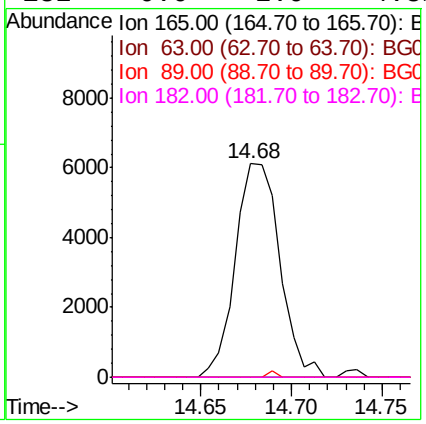


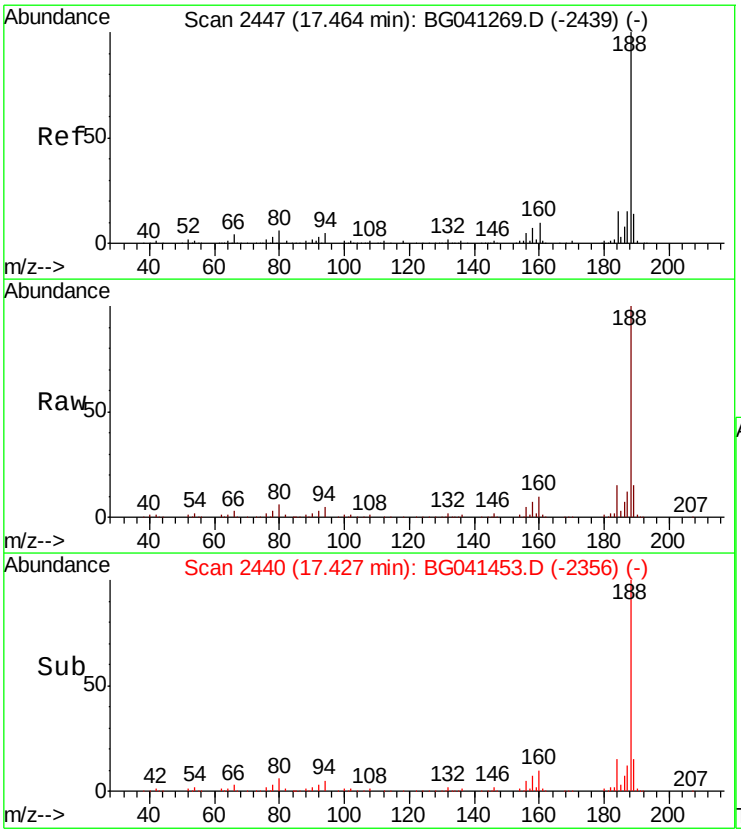
#57
2,4-Dinitrotoluene
Concen: 4.839 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.41 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:165 Resp: 10446

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

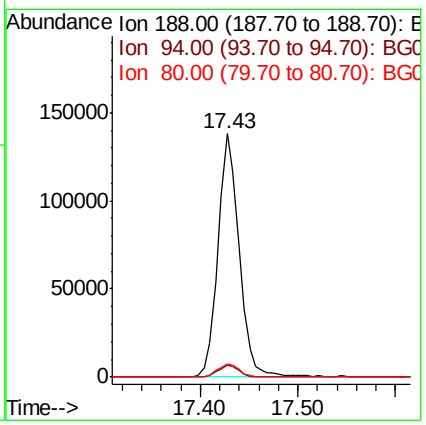


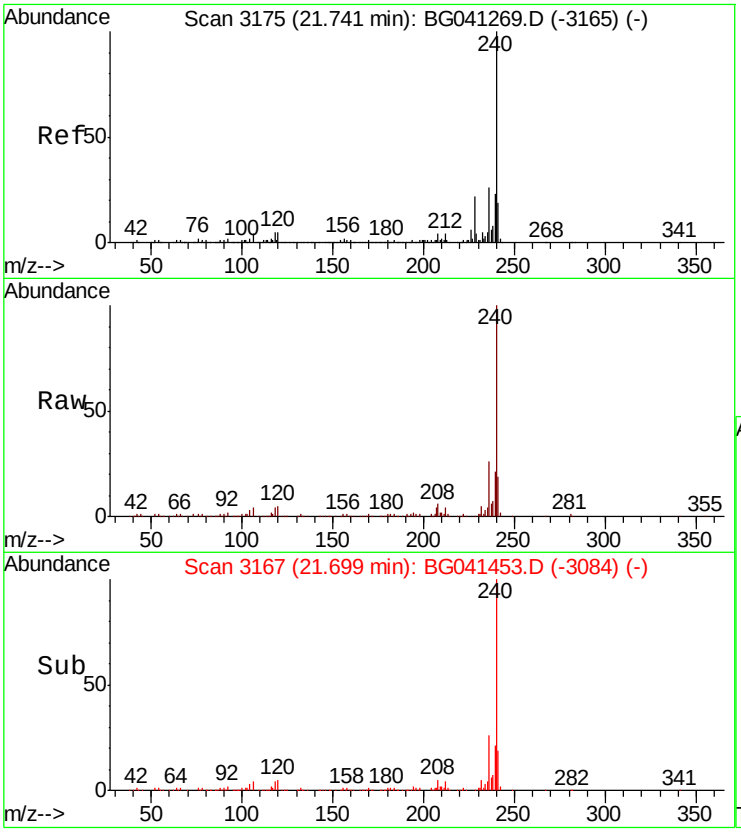


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.04 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Tgt Ion:188 Resp: 208427

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.6	5.4
80	5.7	4.8	7.2



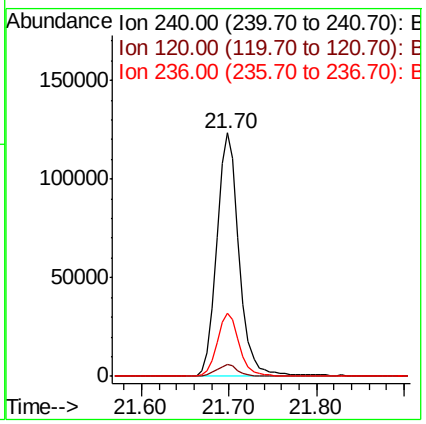


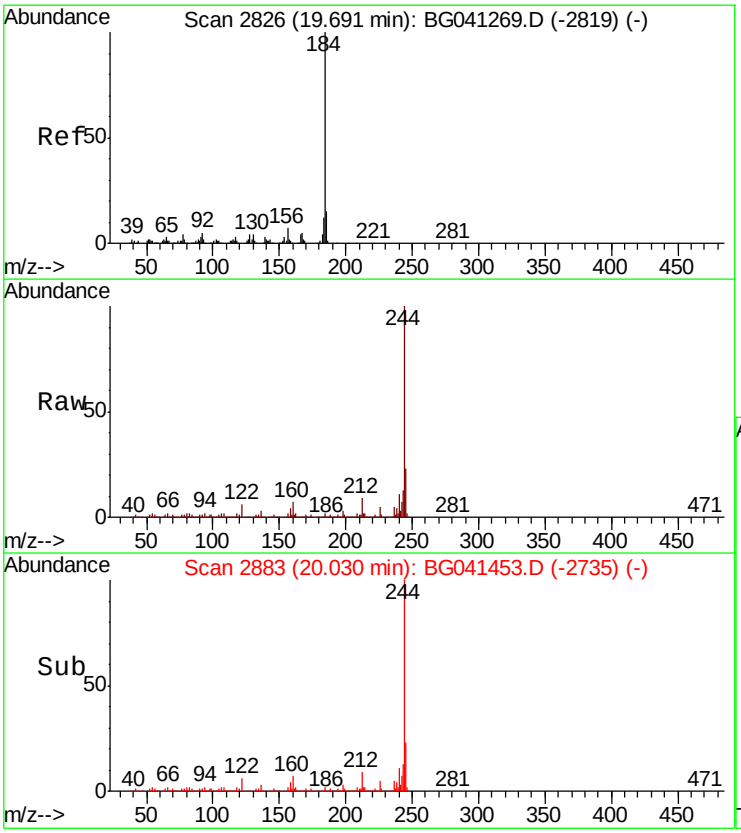
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:240 Resp: 217583

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	25.9	21.1	31.7

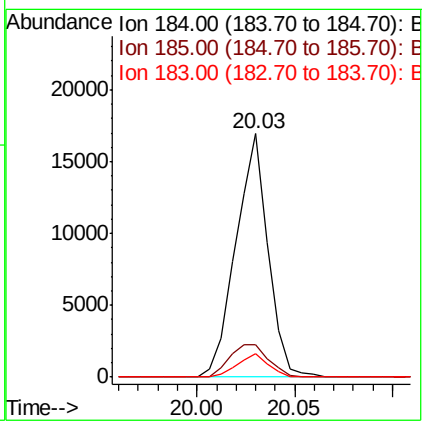


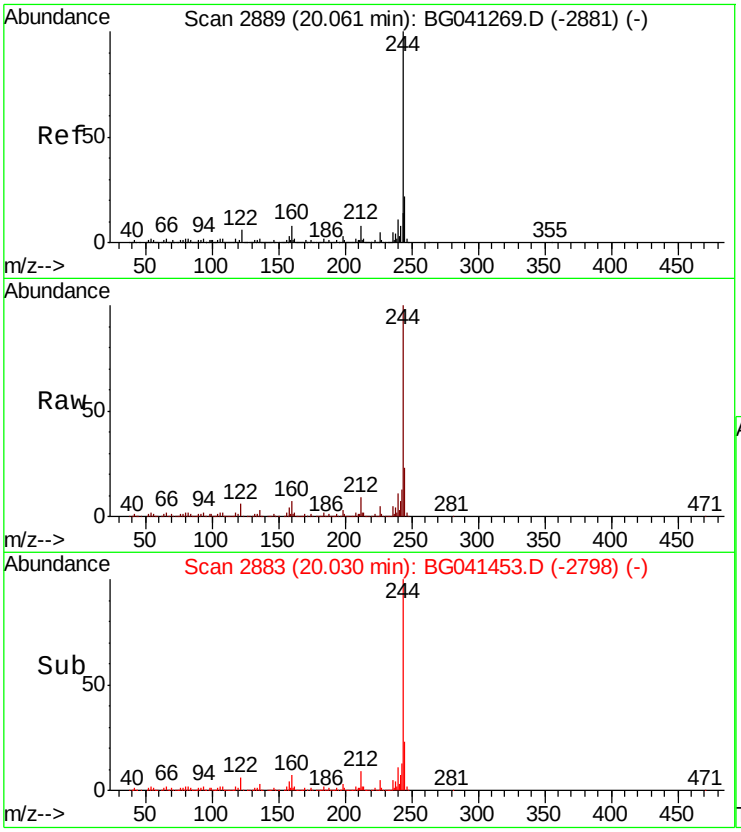


#77
Benzidine
Concen: 3.663 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.34 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Tgt Ion:184 Resp: 19279

Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.2	18.2
183	9.8	9.6	14.4



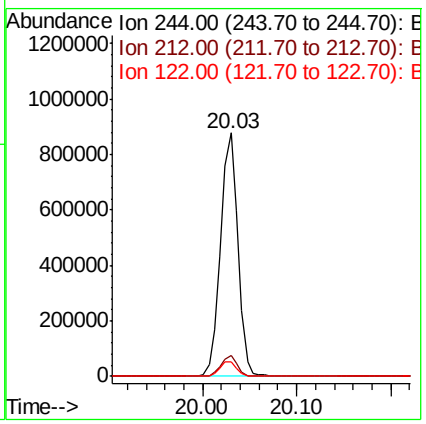


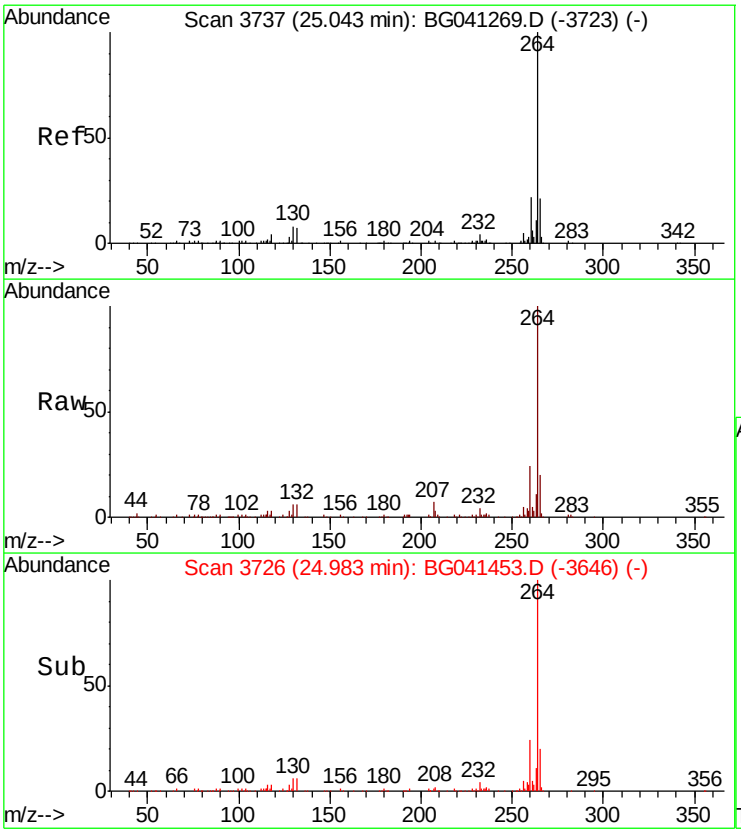
#79
Terphenyl-d14
Concen: 103.068 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.03 min
Lab File: BG041453.D
Acq: 25 Jun 2019 20:56

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:244 Resp: 1131595

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	10.0
122	6.2	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: BG041453.D
Acq: 25 Jun 2019 20:56

Tgt Ion:264 Resp: 226195

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.2
265	20.0	17.2	25.8