Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041344.D
Acq On : 20 Jun 2019 3:05
Operator : HP/JU
Sample : K3421-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 20 05:02:22 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	37976	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	142267	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	100478	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	234028	20.00	ng	0.00
76) Chrysene-d12	21.74	240	222479	20.00	ng	0.00
87) Perylene-d12	25.06	264	216614	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	257882	124.77	ng	0.00
7) Phenol-d6	7.24	99	332825	111.09	ng	0.00
23) Nitrobenzene-d5	9.26	82	313412	92.65	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	208252	135.00	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	698285	94.46	ng	0.00
79) Terphenyl-d14	20.06	244	1136768	101.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	7990	7.709	ng	# 1
15) Benzyl Alcohol	8.41	79	6066	2.113	ng	# 60
19) n-Nitroso-di-n-propylamine	9.26	70	46532	19.204	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	12494	6.628	ng	# 18
56) 4-Nitrophenol	14.76	139	63	3.258	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	12494	4.534	ng	# 22
77) Benzidine	20.06	184	18674	3.470	ng	# 92

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

Quantitation Report (Not Reviewed)

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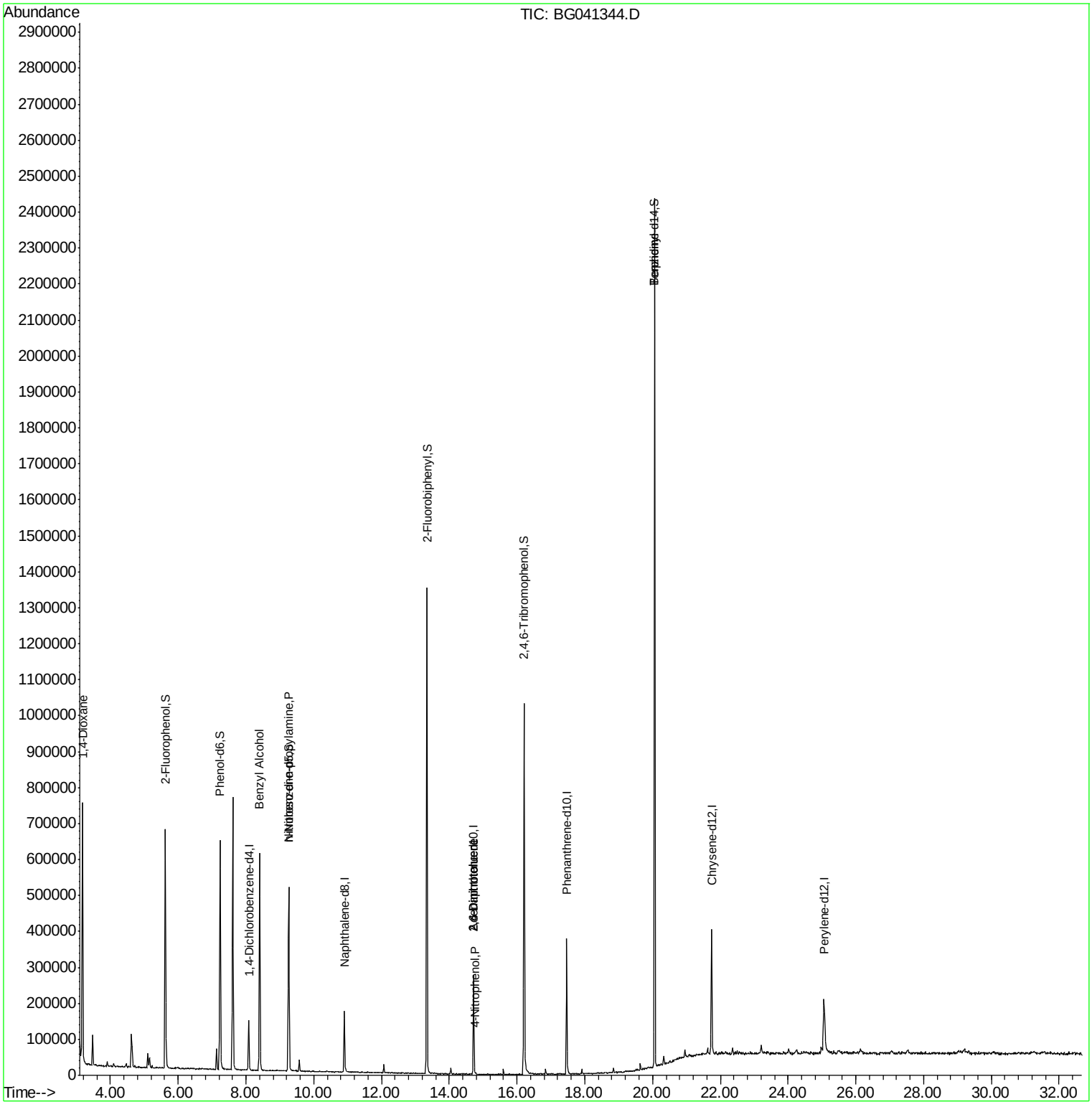
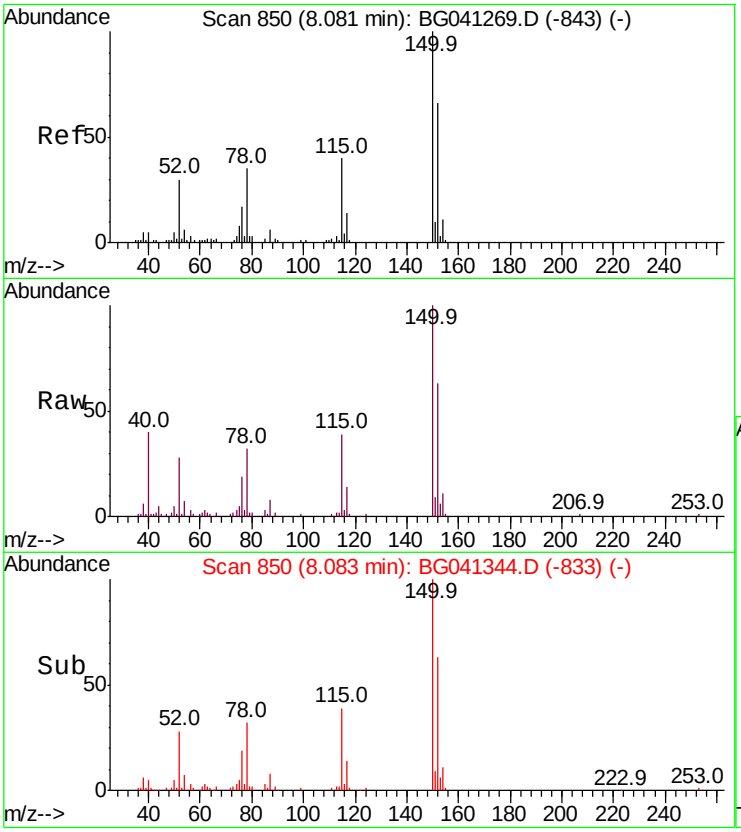


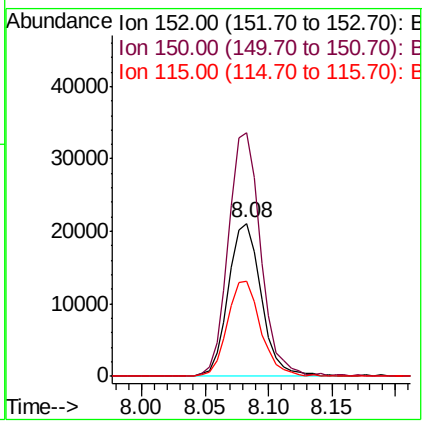


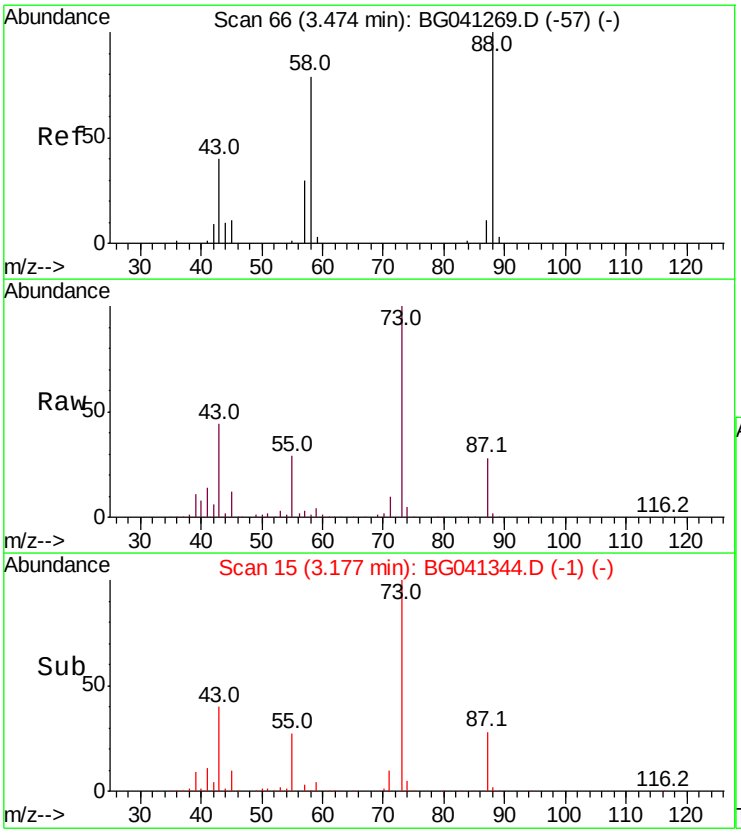
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37976

Ion	Ratio	Lower	Upper
152	100		
150	159.2	120.6	181.0
115	62.1	47.9	71.9

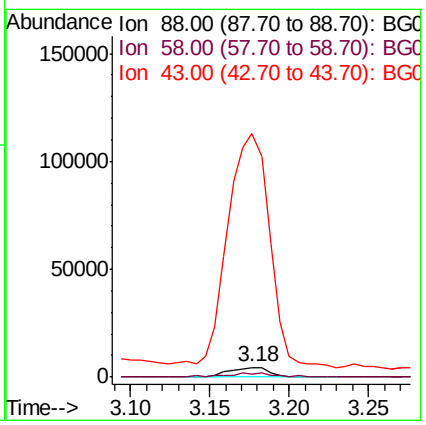


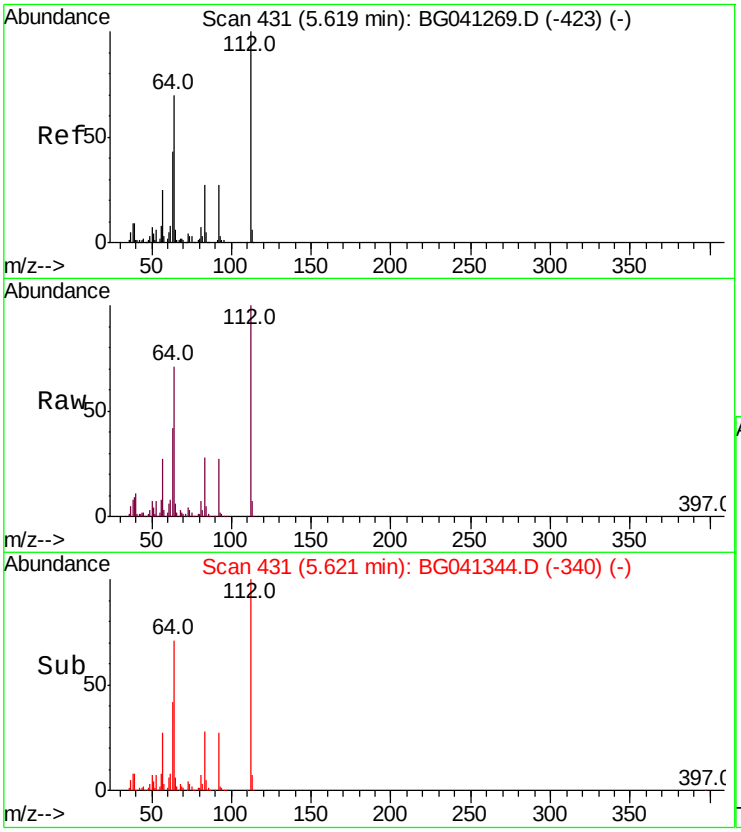


#2
1,4-Dioxane
Concen: 7.709 ng
RT: 3.18 min Scan# 15
Delta R.T. -0.30 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Tgt Ion: 88 Resp: 7990

Ion	Ratio	Lower	Upper
88	100		
58	45.2	59.7	89.5#
43	2497.8	31.9	47.9#



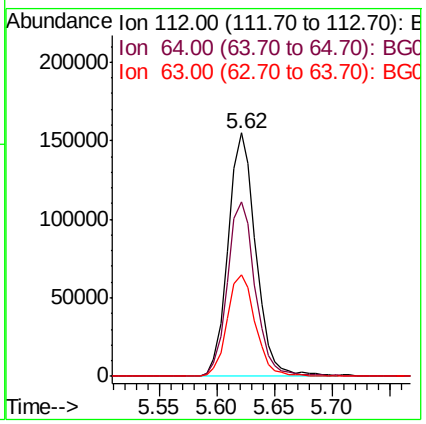


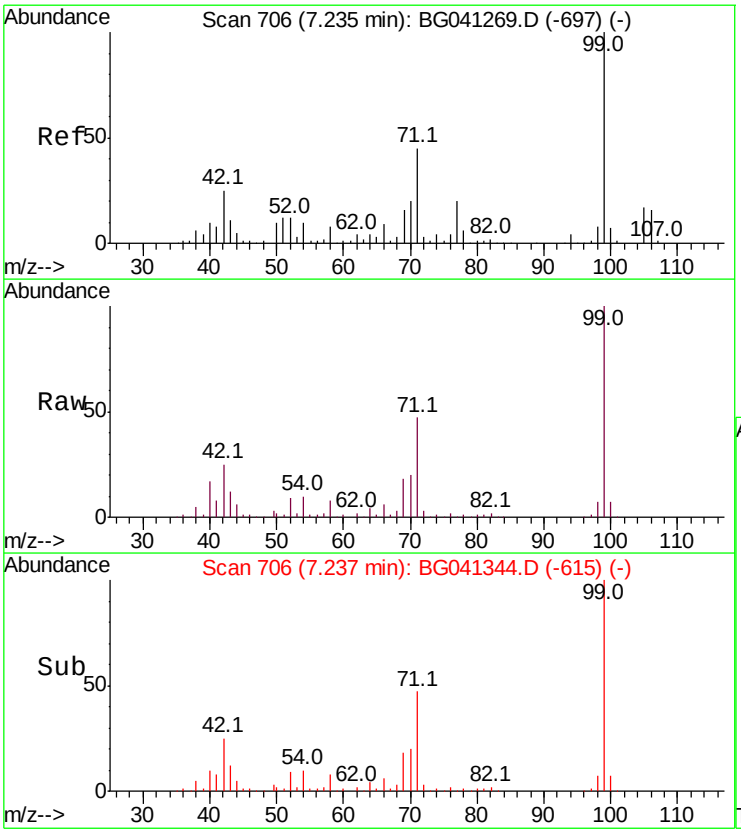
#5
2-Fluorophenol
Concen: 124.773 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 257882

Ion	Ratio	Lower	Upper
112	100		
64	71.4	55.9	83.9
63	41.7	34.6	51.8

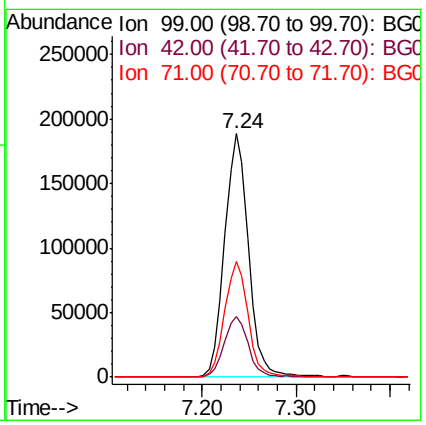


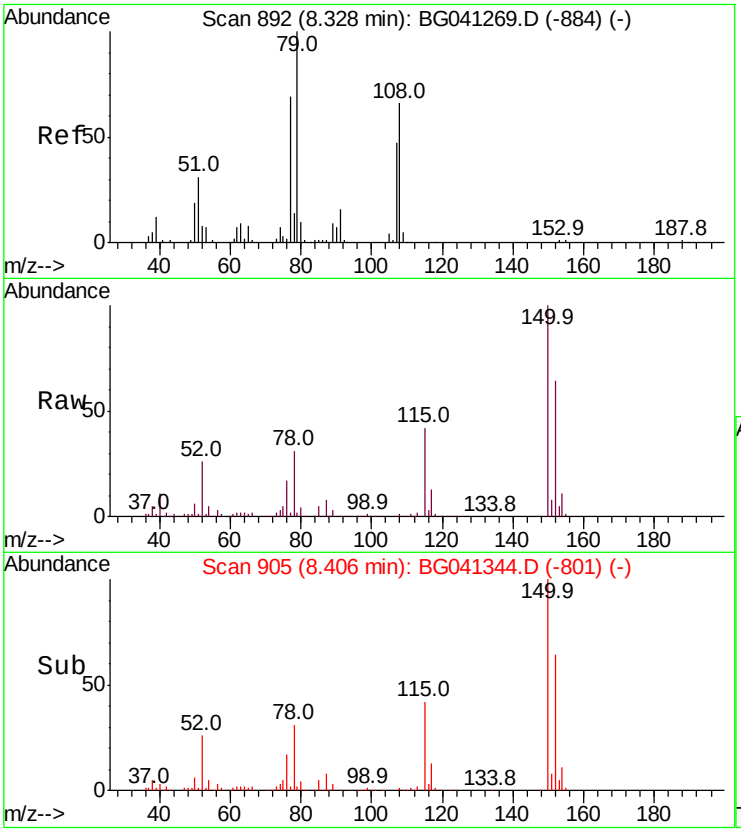


#7
Phenol-d6
Concen: 111.095 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Tgt Ion: 99 Resp: 332825

Ion	Ratio	Lower	Upper
99	100		
42	25.0	19.9	29.9
71	47.3	36.4	54.6



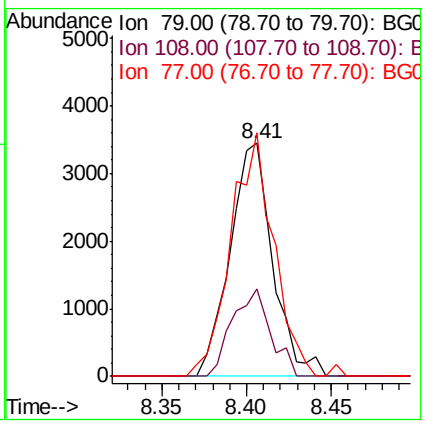


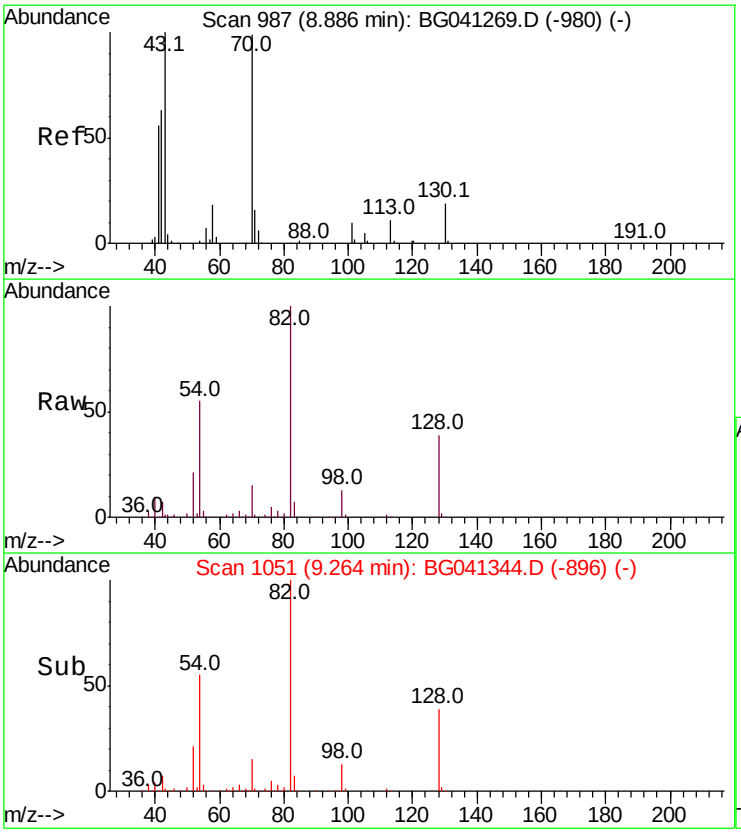
#15
Benzyl Alcohol
Concen: 2.113 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.08 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 6066

Ion	Ratio	Lower	Upper
79	100		
108	37.3	52.7	79.1#
77	104.3	55.2	82.8#

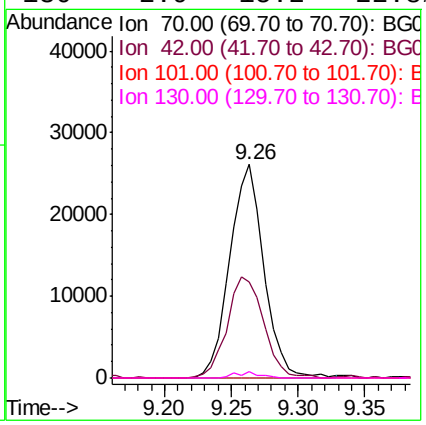


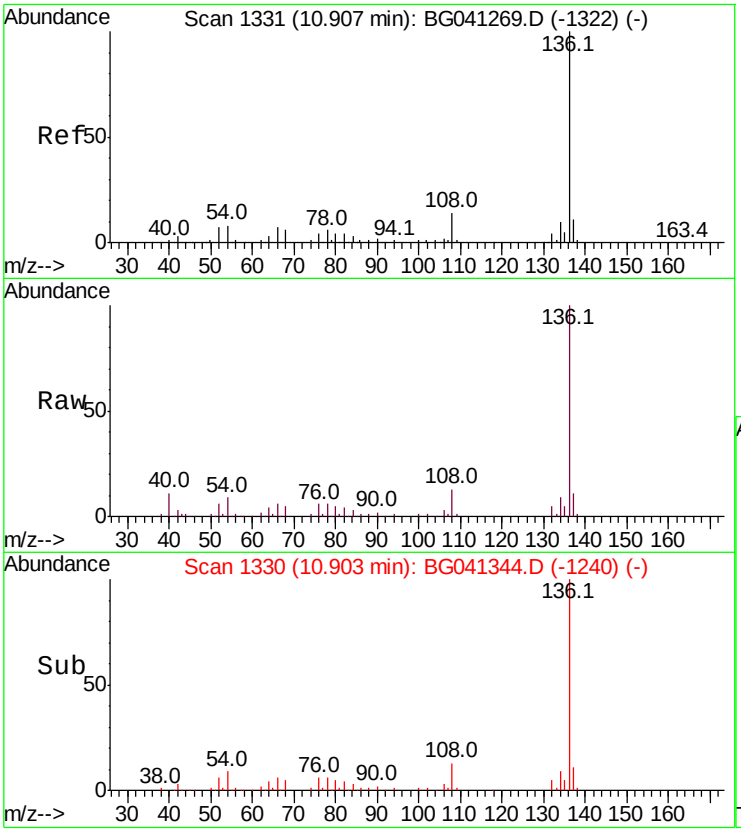


#19
n-Nitroso-di-n-propylamine
Concen: 19.204 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.38 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Tgt Ion: 70 Resp: 46532

Ion	Ratio	Lower	Upper
70	100		
42	44.8	51.4	77.2#
101	0.0	8.2	12.2#
130	2.9	15.2	22.8#



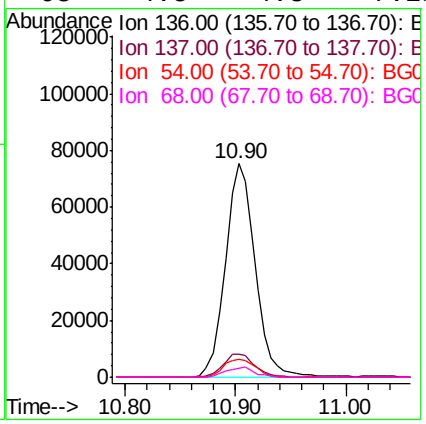


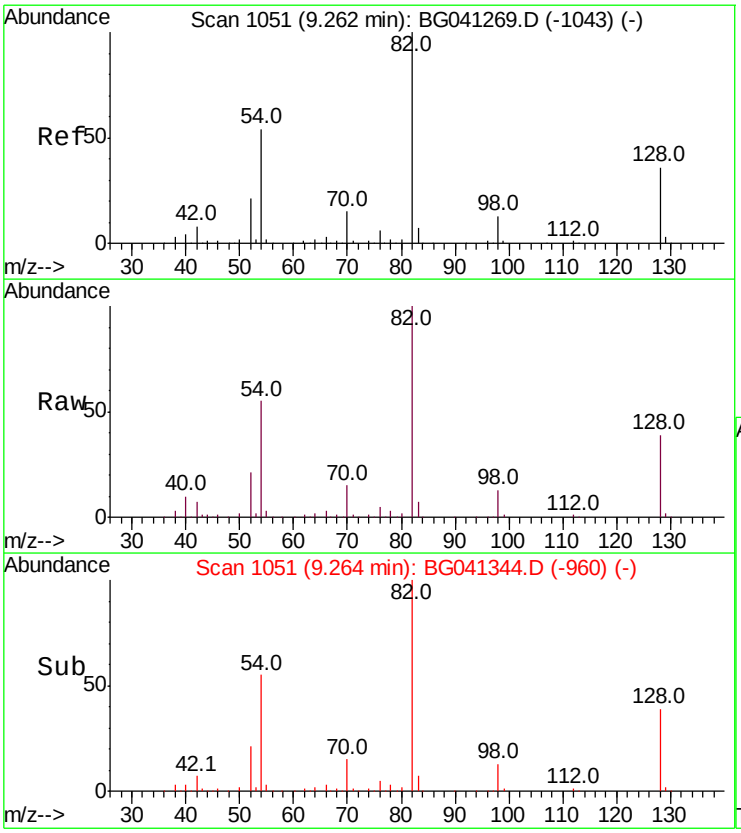
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 142267

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	6.4	9.6
68	4.5	4.8	7.2#

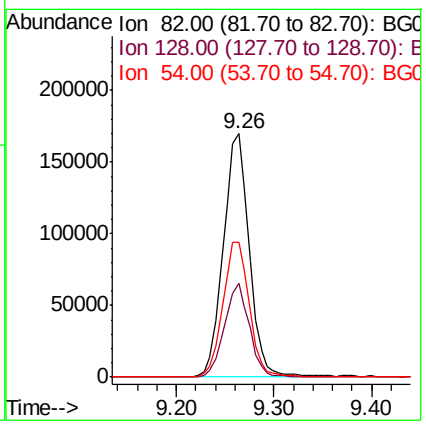


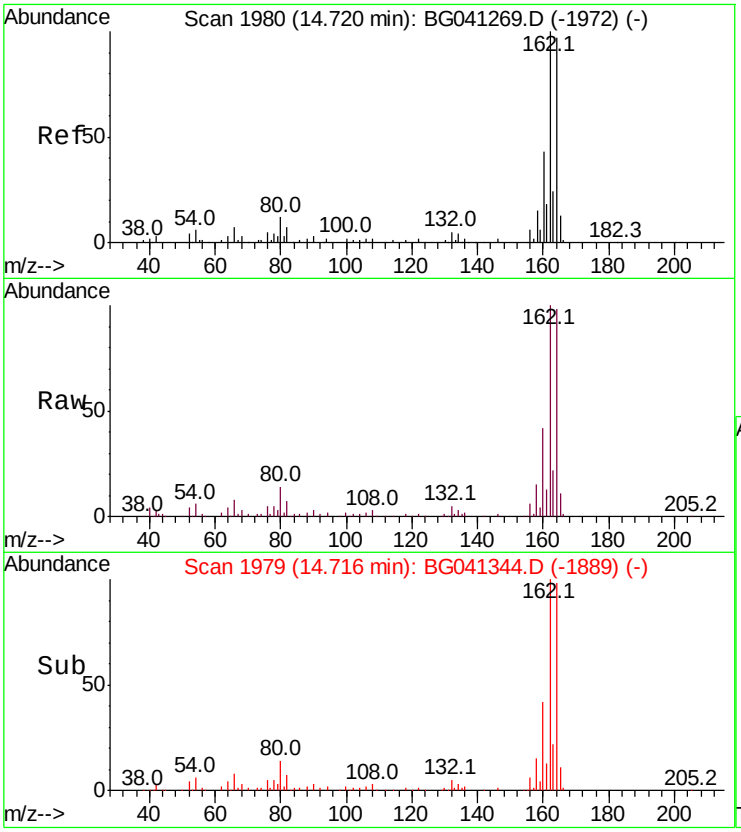


#23
Nitrobenzene-d5
Concen: 92.649 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Tgt Ion: 82 Resp: 313412

Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.2	43.8
54	55.4	43.4	65.0



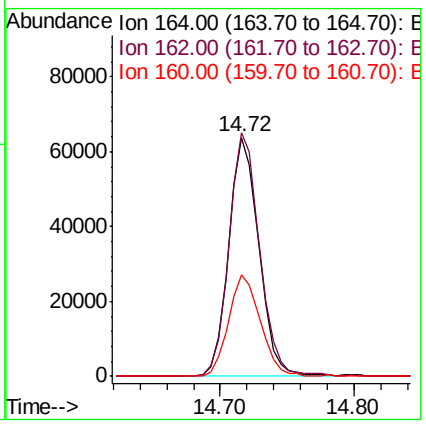


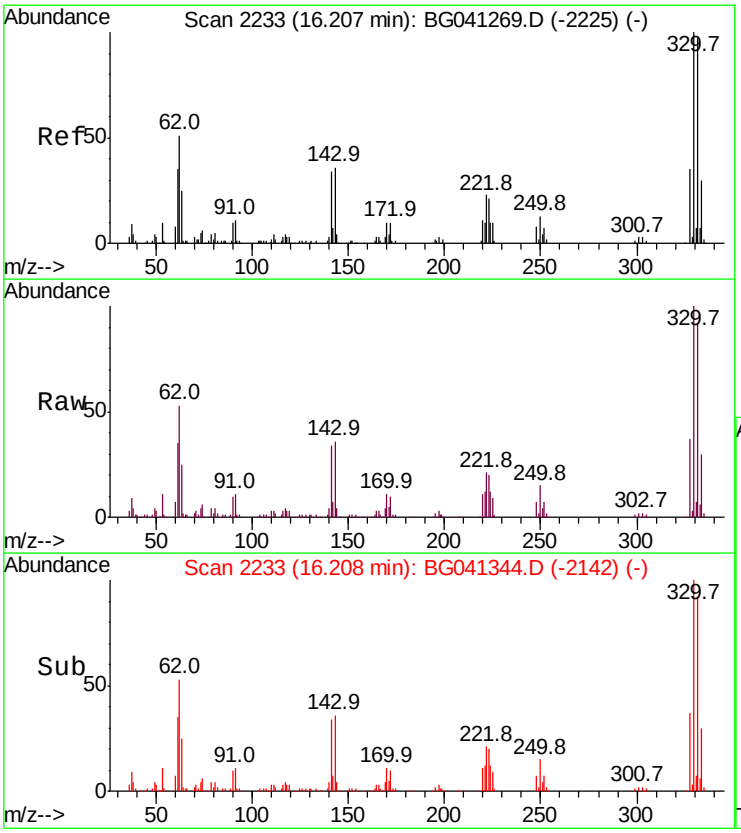
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 100478

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	42.5	35.8	53.8

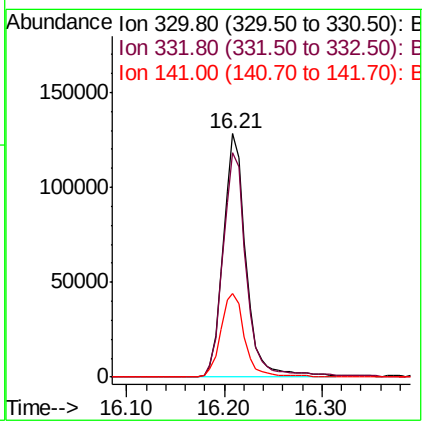


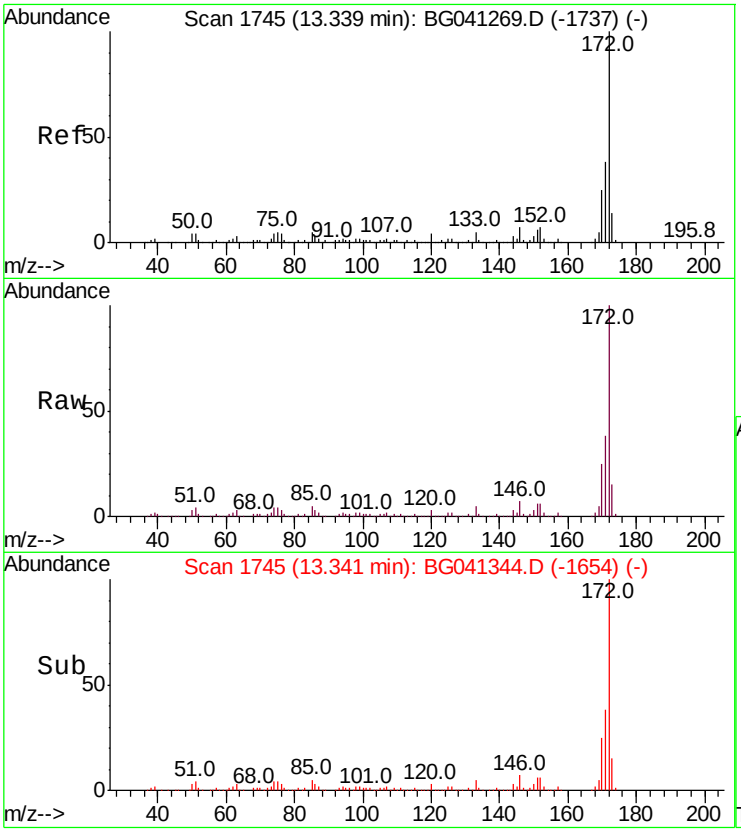


#42
2,4,6-Tribromophenol
Concen: 135.004 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Tgt Ion:330 Resp: 208252

Ion	Ratio	Lower	Upper
330	100		
332	93.6	75.5	113.3
141	36.3	29.0	43.4



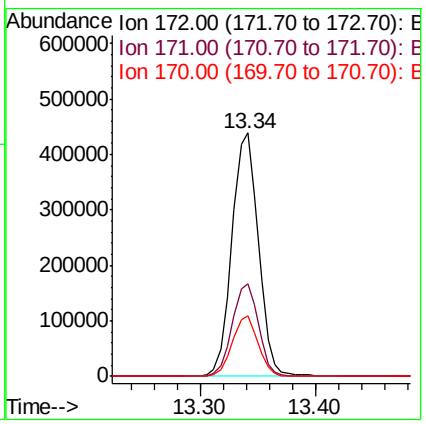


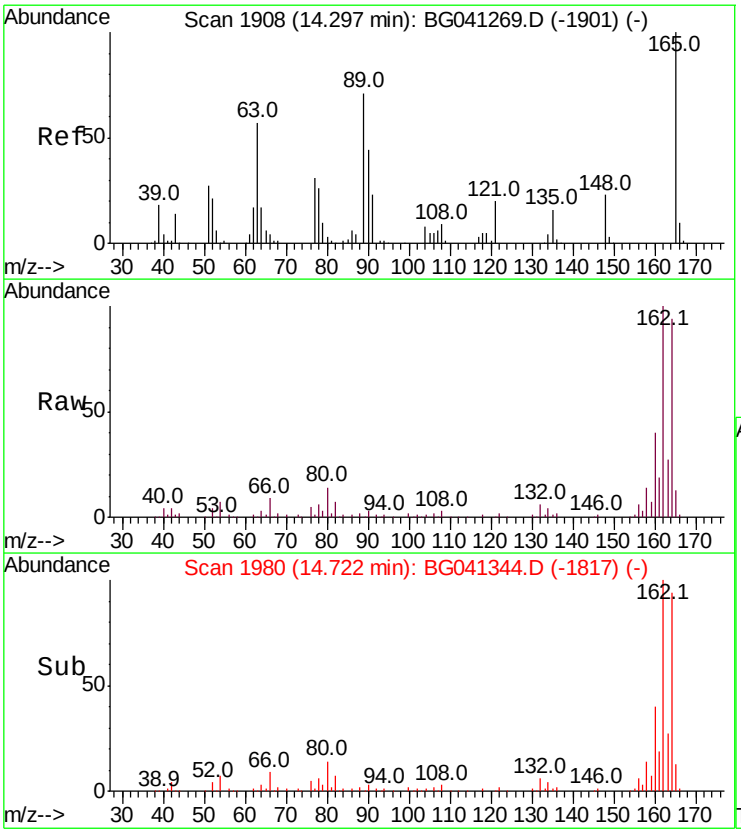
#45
2-Fluorobiphenyl
Concen: 94.456 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 698285

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.8	19.8	29.6

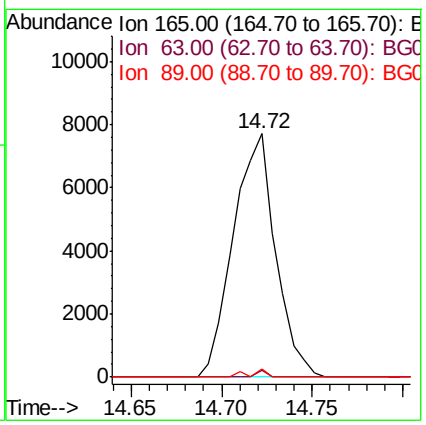


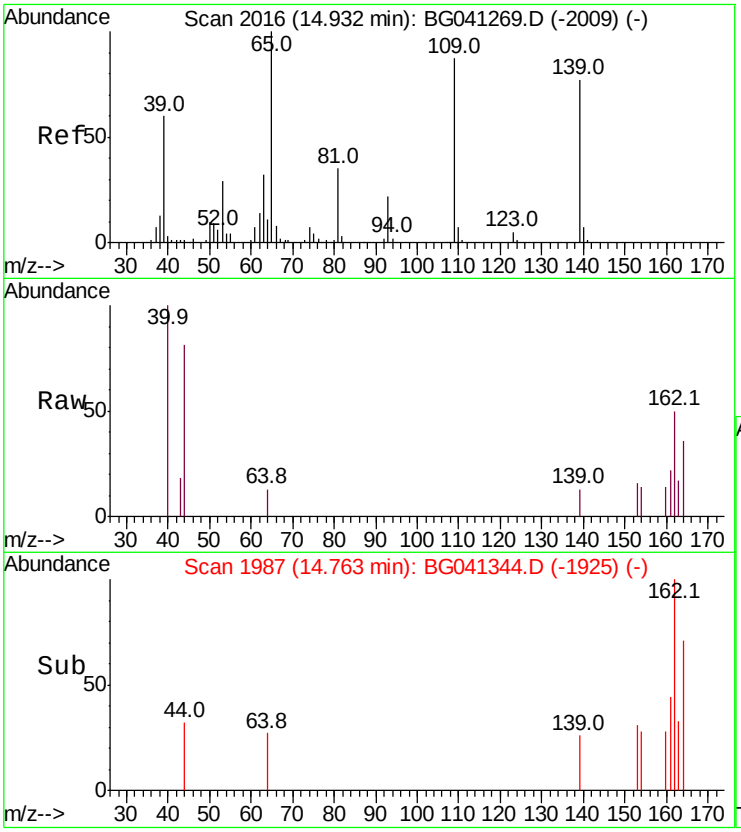


#51
2,6-Dinitrotoluene
Concen: 6.628 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.42 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Tgt Ion:165 Resp: 12494

Ion	Ratio	Lower	Upper
165	100		
63	2.7	55.4	83.0#
89	3.2	56.5	84.7#



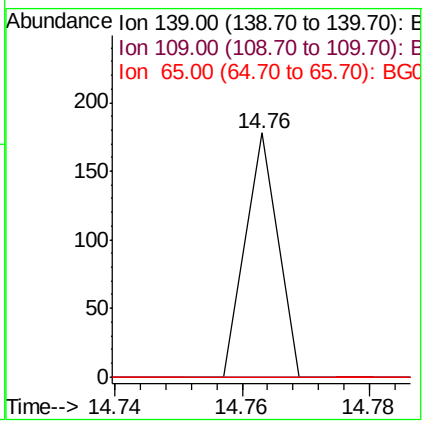


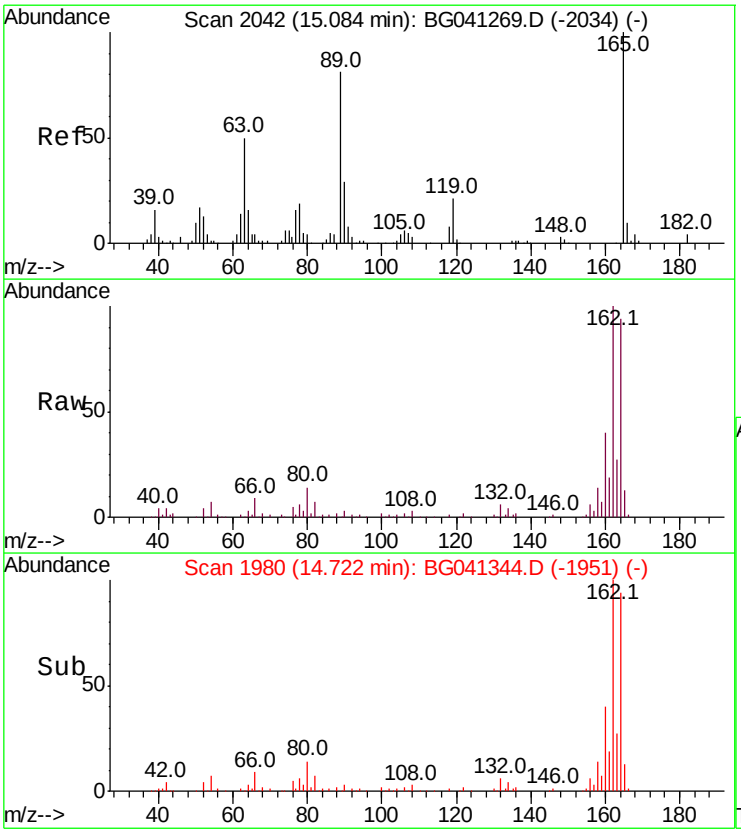
#56
4-Nitrophenol
Concen: 3.258 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.17 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 63

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

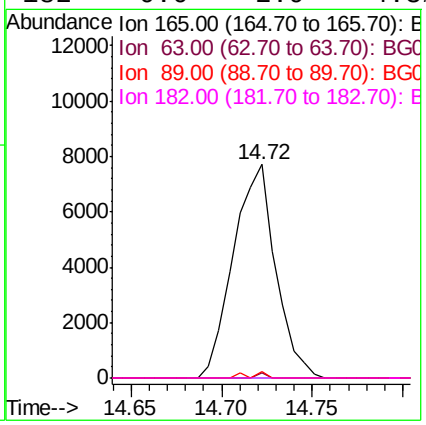


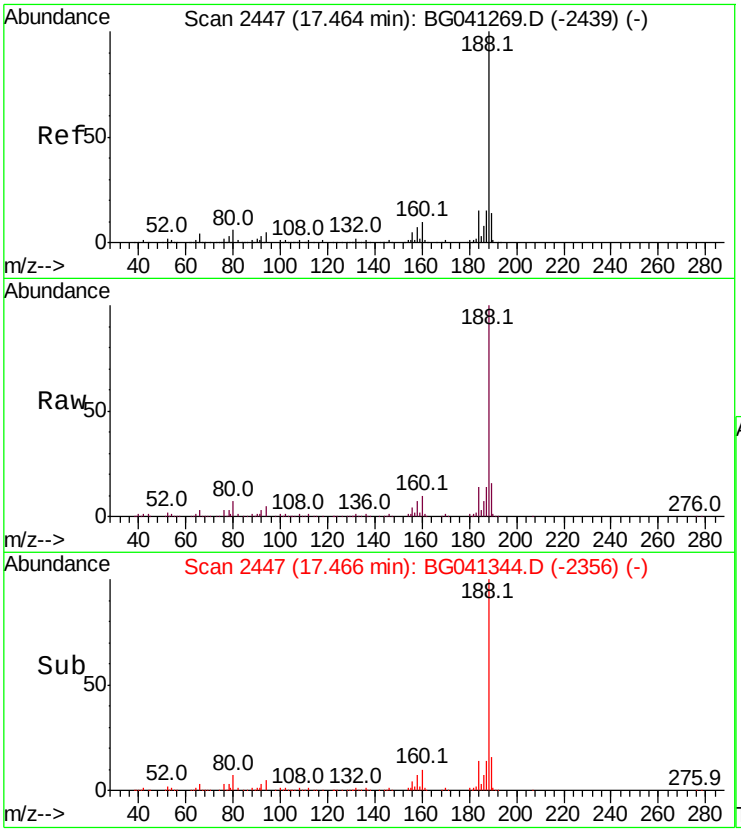


#57
2,4-Dinitrotoluene
Concen: 4.534 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.36 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Tgt Ion:165 Resp: 12494

Ion	Ratio	Lower	Upper
165	100		
63	2.7	40.0	60.0#
89	3.2	64.6	96.8#
182	0.0	2.9	4.3#



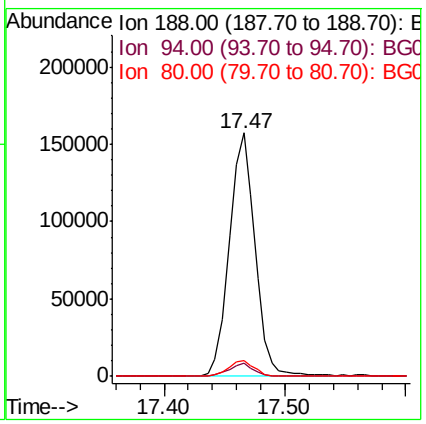


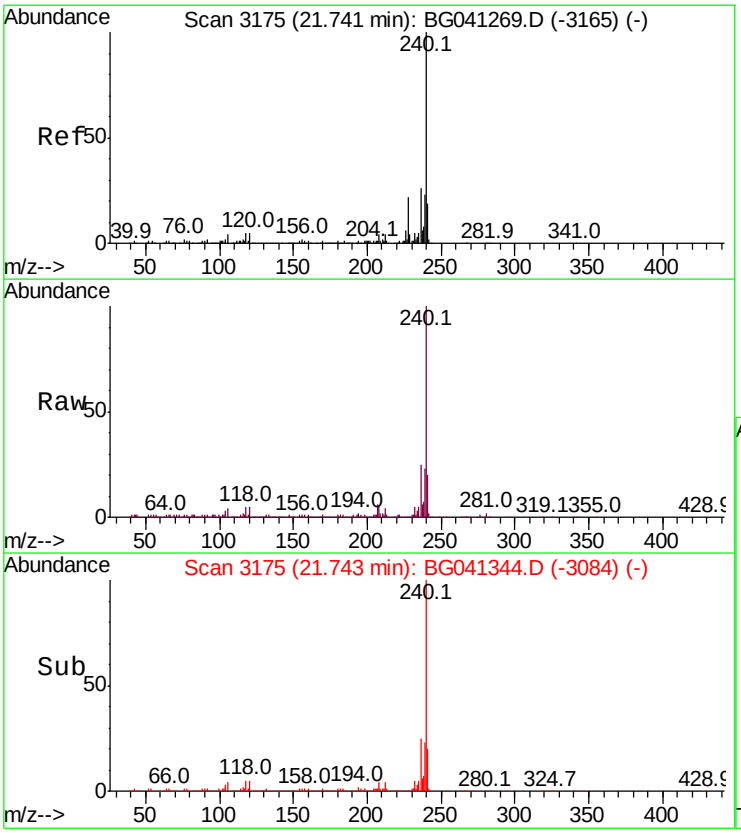
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 234028

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	6.5	4.8	7.2

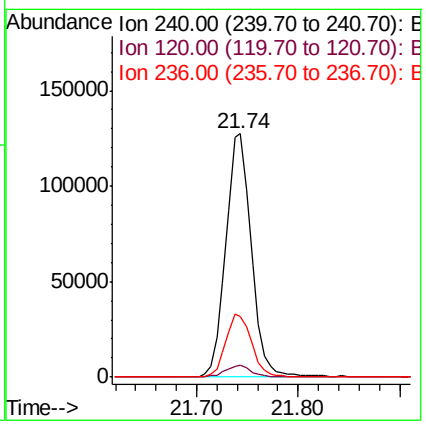


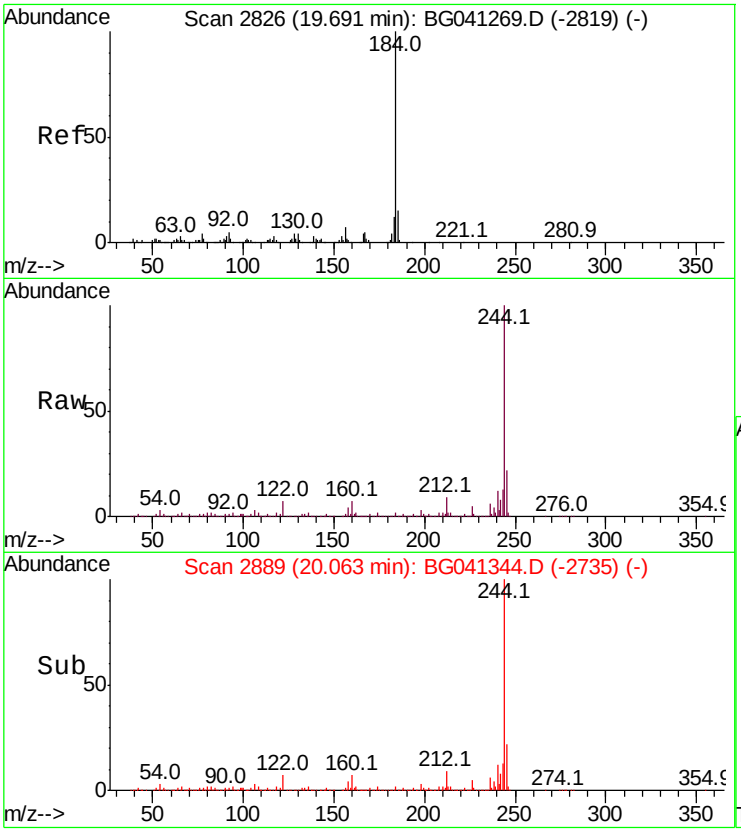


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Tgt Ion:240 Resp: 222479

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	24.9	21.1	31.7



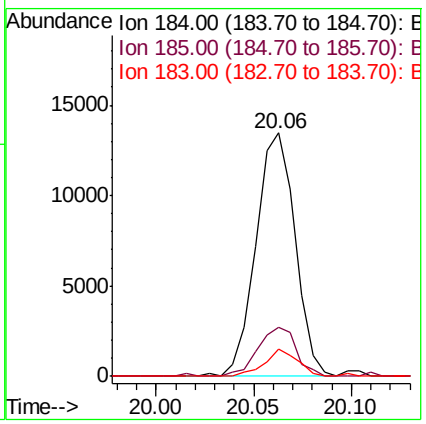


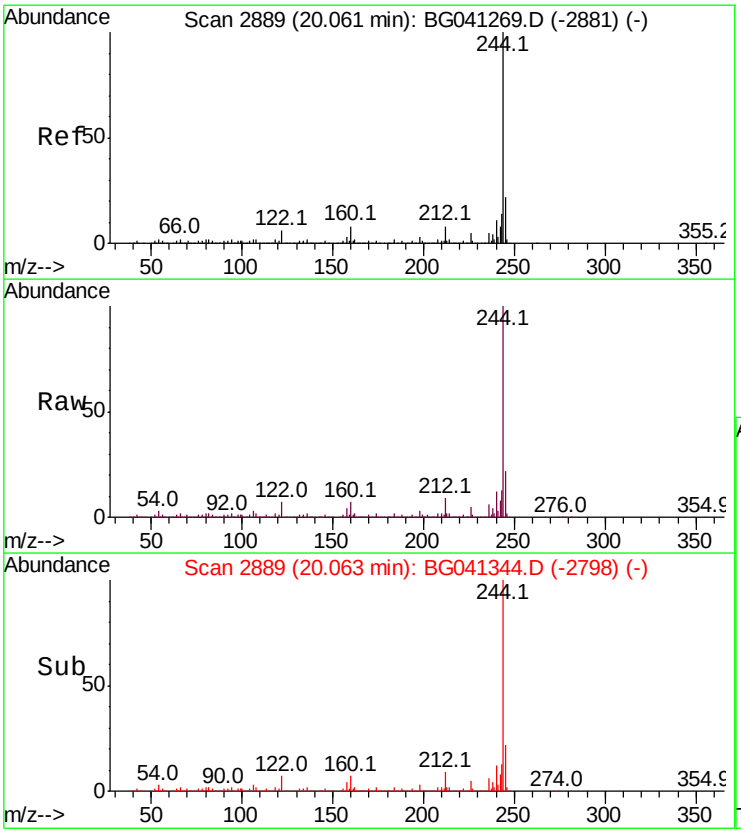
#77
Benzidine
Concen: 3.470 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.37 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 18674

Ion	Ratio	Lower	Upper
184	100		
185	20.4	12.2	18.2#
183	11.3	9.6	14.4

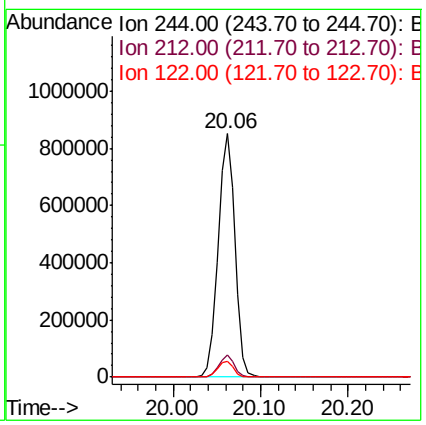


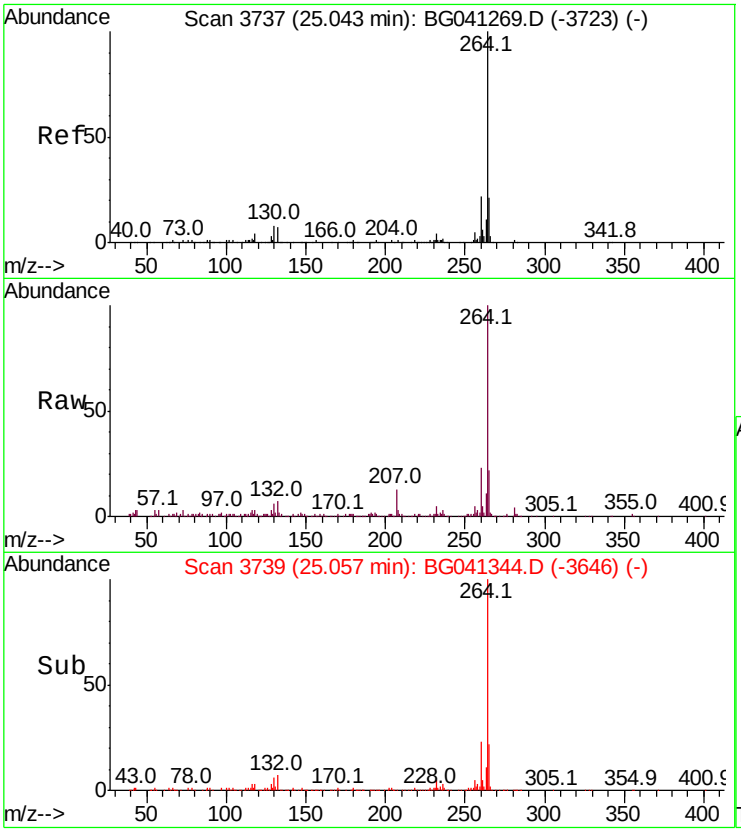


#79
Terphenyl-d14
Concen: 101.261 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Tgt Ion:244 Resp: 1136768

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.6	10.0
122	6.5	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3739
Delta R.T. 0.01 min
Lab File: BG041344.D
Acq: 20 Jun 2019 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 216614

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.2
265	22.2	17.2	25.8