Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041345.D
Acq On : 20 Jun 2019 3:43
Operator : HP/JU
Sample : K3421-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 20 05:02:31 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	40482	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	150516	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	104670	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	255361	20.00	ng	0.00
76) Chrysene-d12	21.74	240	240880	20.00	ng	0.00
87) Perylene-d12	25.06	264	233446	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	280868	127.48	ng	0.00
7) Phenol-d6	7.24	99	359919	112.70	ng	0.00
23) Nitrobenzene-d5	9.26	82	337296	94.25	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	213949	133.14	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	754218	97.94	ng	0.00
79) Terphenyl-d14	20.06	244	1209581	99.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	7719	6.987	ng	# 1
15) Benzyl Alcohol	8.40	79	6299	2.059	ng	# 76
19) n-Nitroso-di-n-propylamine	9.26	70	48085	18.616	ng	# 83
51) 2,6-Dinitrotoluene	14.71	165	13630	6.941	ng	# 16
56) 4-Nitrophenol	15.11	139	63	3.257	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	13630	4.748	ng	# 19
67) 4-Bromophenyl-phenylether	16.21	248	15782	4.780	ng	# 1
77) Benzidine	20.06	184	20687	3.551	ng	98

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

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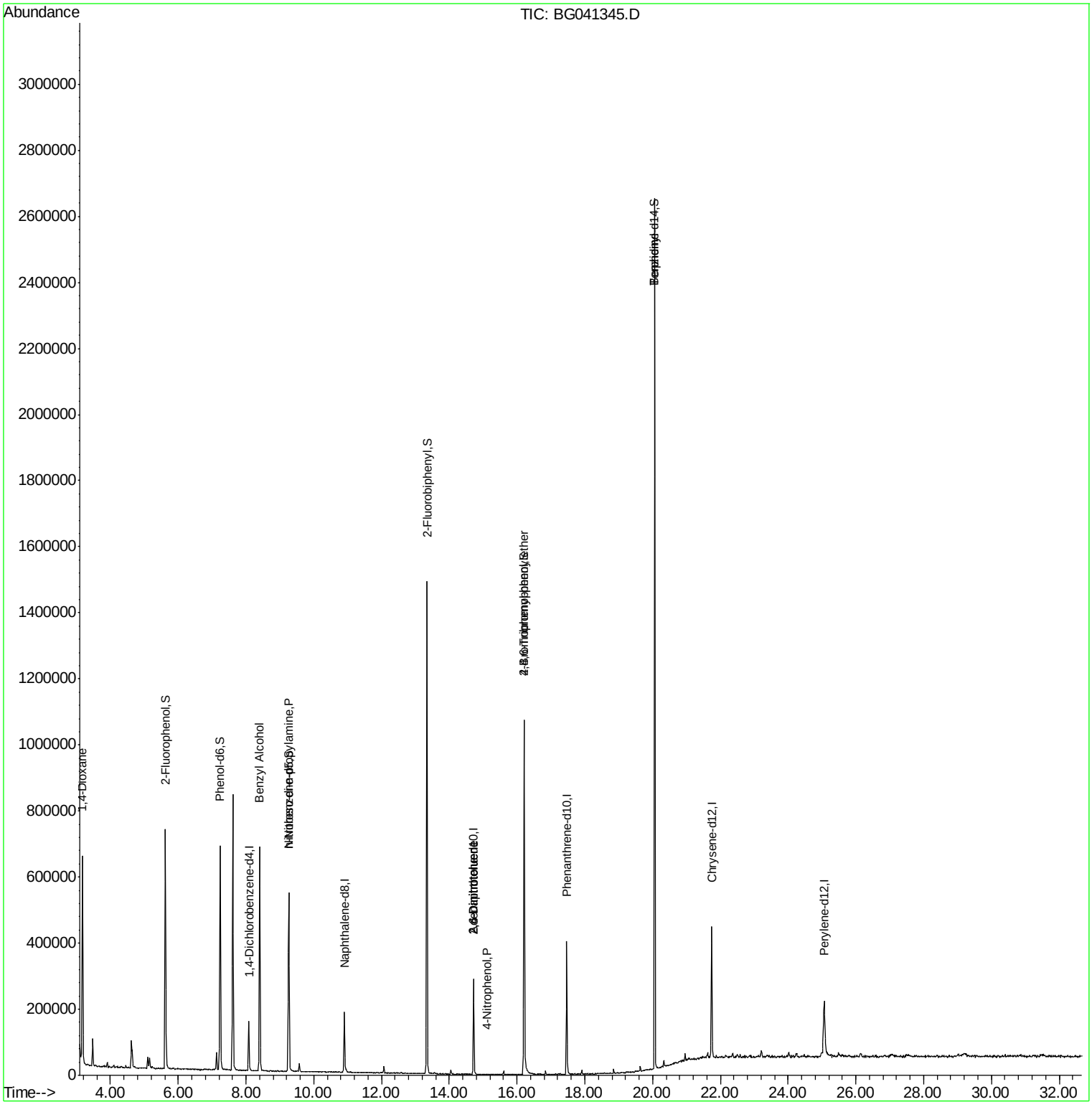
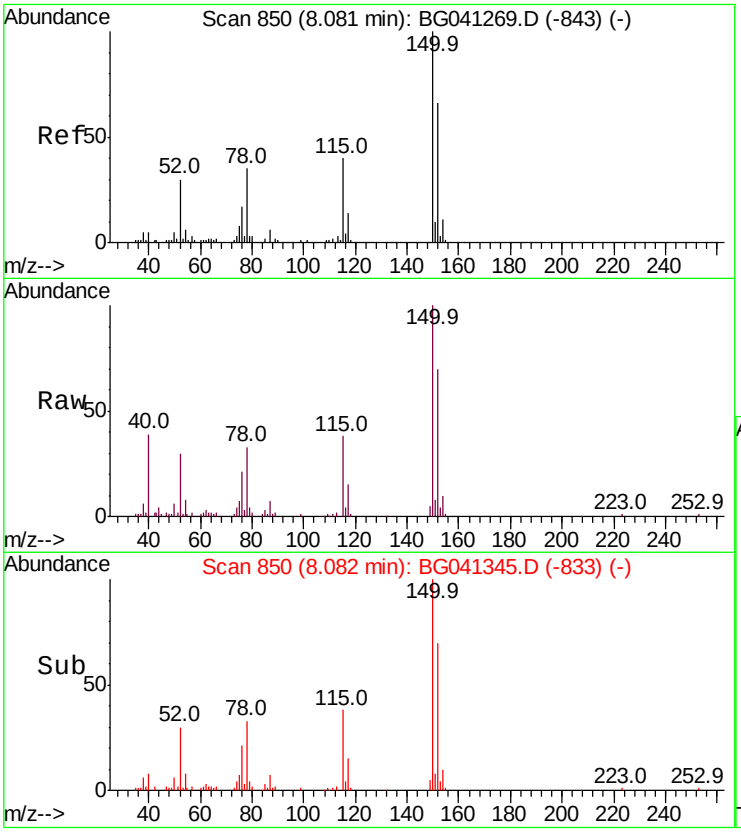


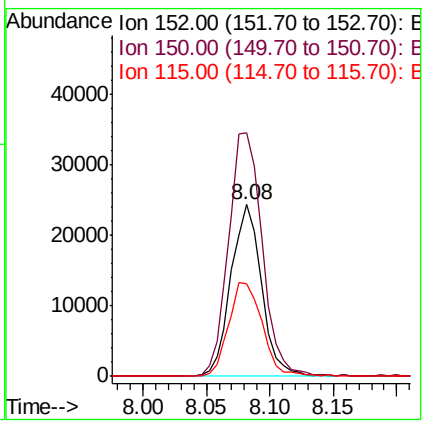


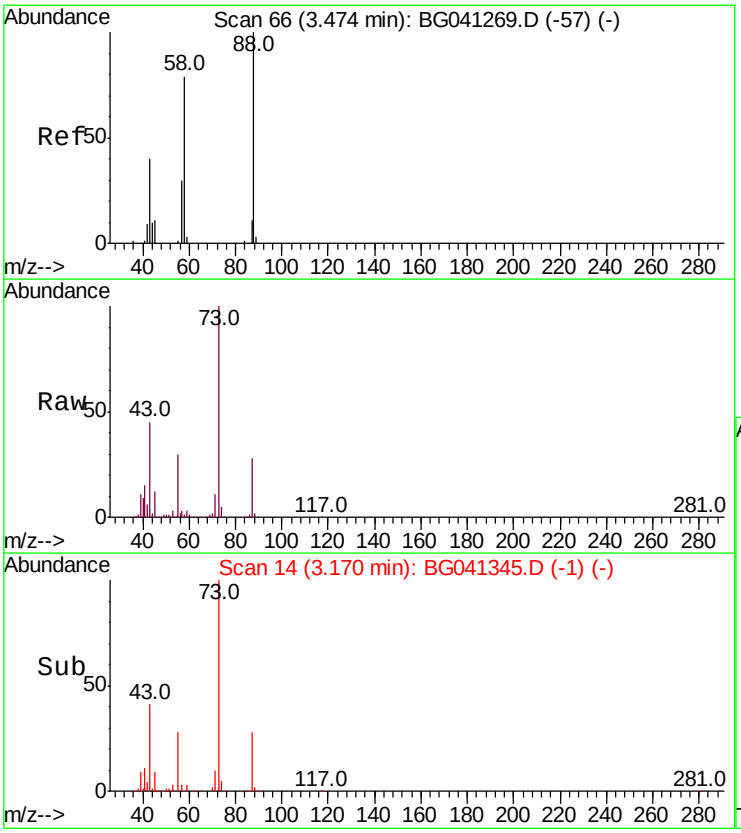
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40482

Ion	Ratio	Lower	Upper
152	100		
150	142.0	120.6	181.0
115	54.2	47.9	71.9

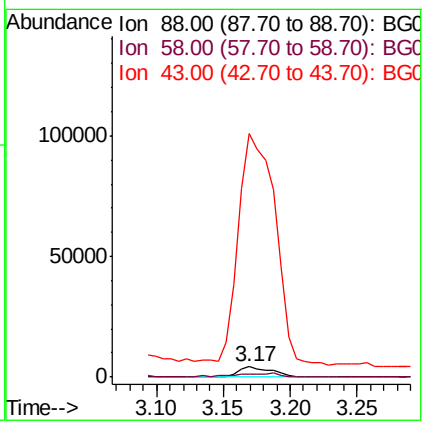


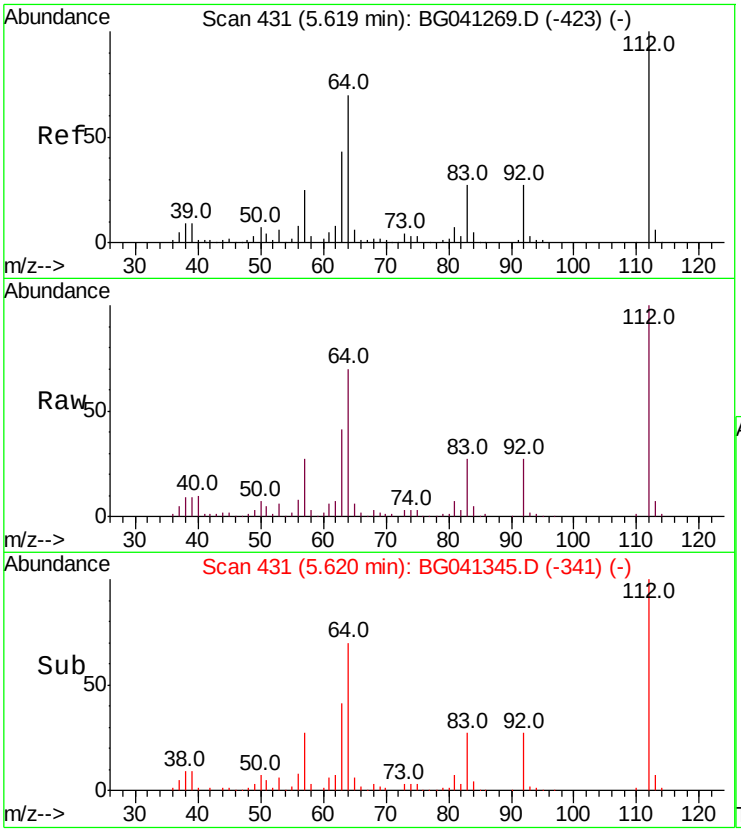


#2
1,4-Dioxane
Concen: 6.987 ng
RT: 3.17 min Scan# 14
Delta R.T. -0.30 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion: 88 Resp: 7719

Ion	Ratio	Lower	Upper
88	100		
58	45.1	59.7	89.5#
43	2366.3	31.9	47.9#



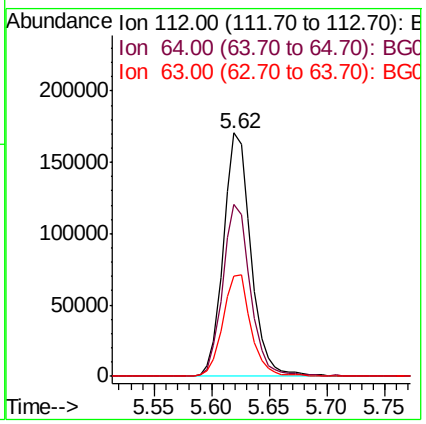


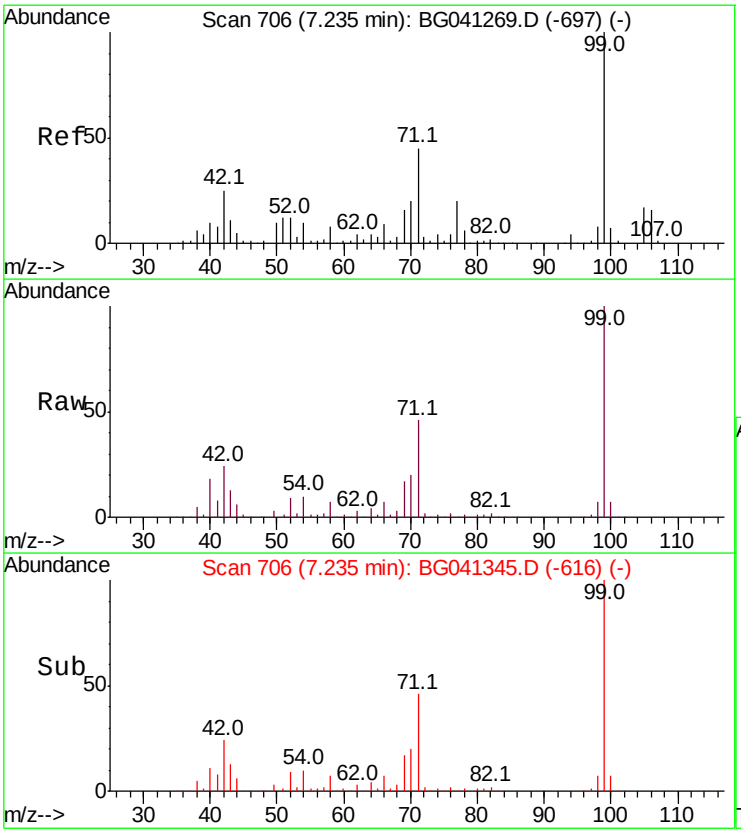
#5
2-Fluorophenol
Concen: 127.482 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 280868

Ion	Ratio	Lower	Upper
112	100		
64	70.4	55.9	83.9
63	41.1	34.6	51.8

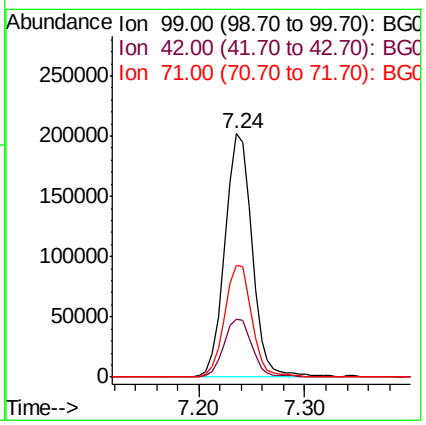


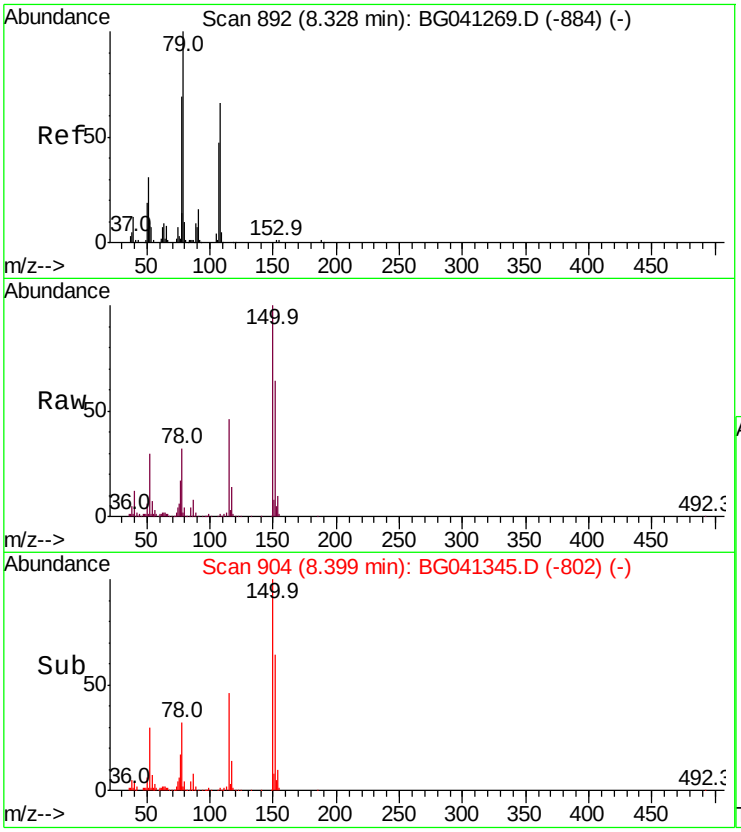


#7
Phenol-d6
Concen: 112.701 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion: 99 Resp: 359919

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.9	29.9
71	45.9	36.4	54.6



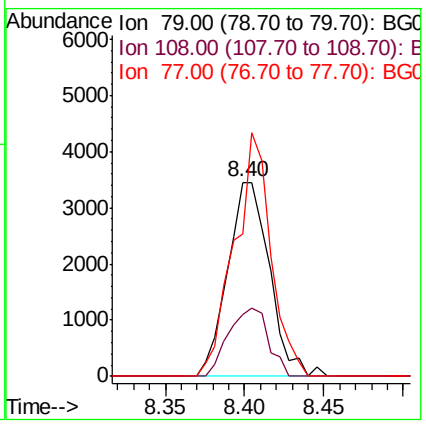


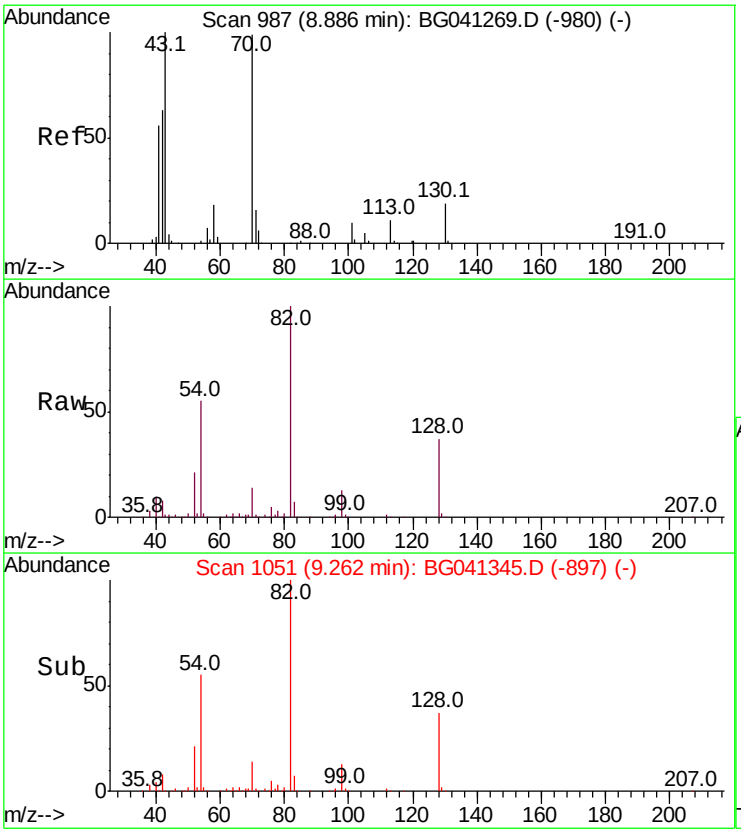
#15
Benzyl Alcohol
Concen: 2.059 ng
RT: 8.40 min Scan# 904
Delta R.T. 0.07 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 6299

Ion	Ratio	Lower	Upper
79	100		
108	31.6	52.7	79.1#
77	73.7	55.2	82.8

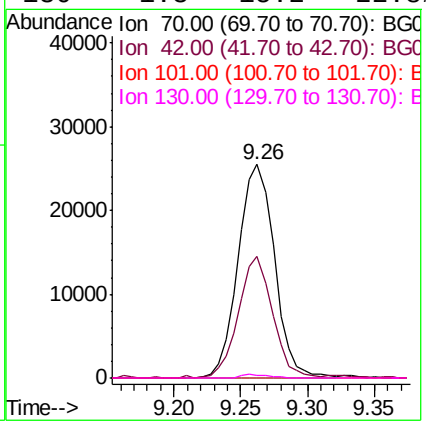


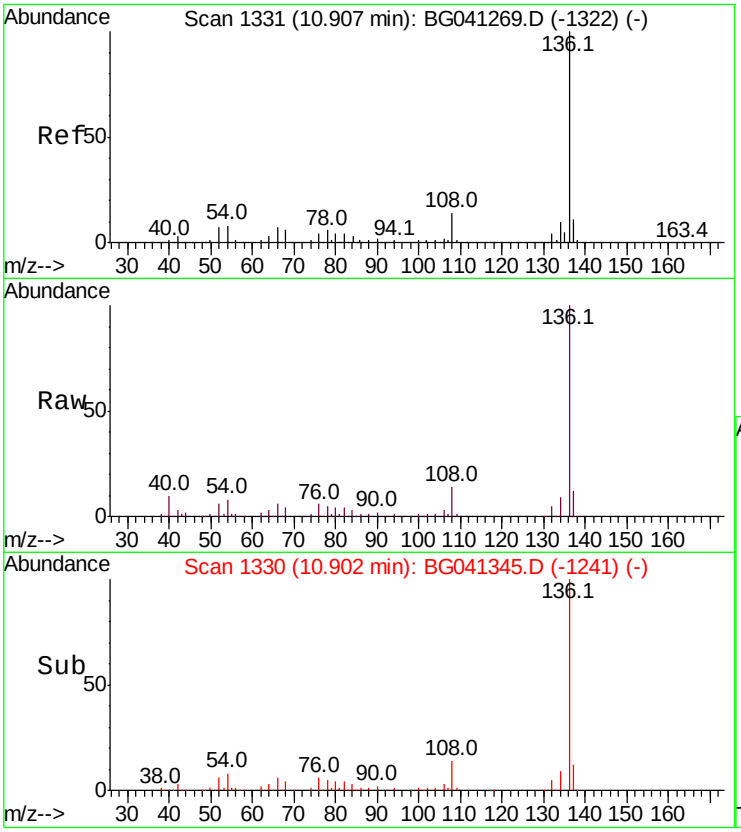


#19
n-Nitroso-di-n-propylamine
Concen: 18.616 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.38 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion: 70 Resp: 48085

Ion	Ratio	Lower	Upper
70	100		
42	57.2	51.4	77.2
101	0.0	8.2	12.2#
130	1.3	15.2	22.8#



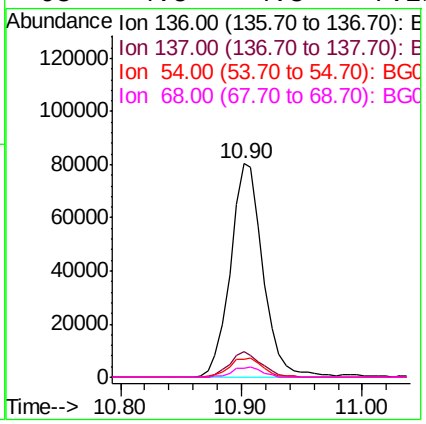


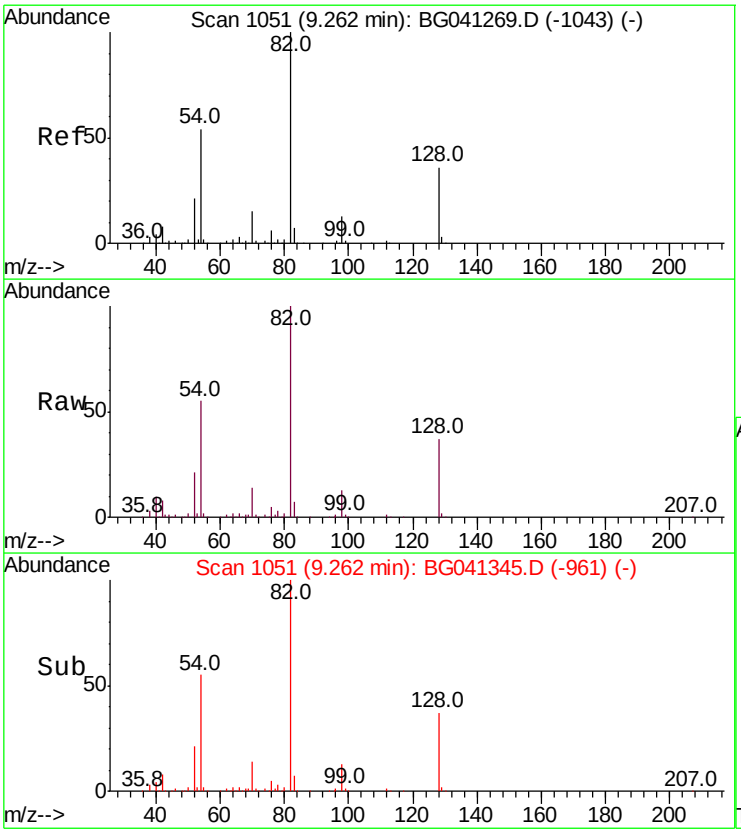
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 150516

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	8.2	6.4	9.6
68	4.5	4.8	7.2#

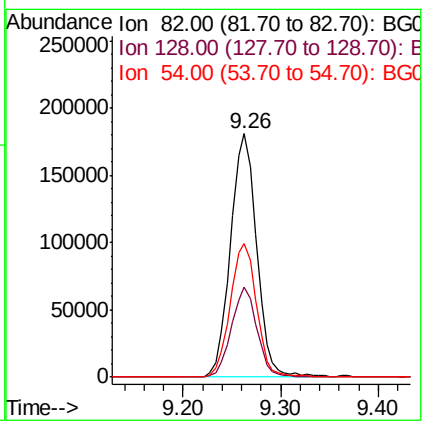


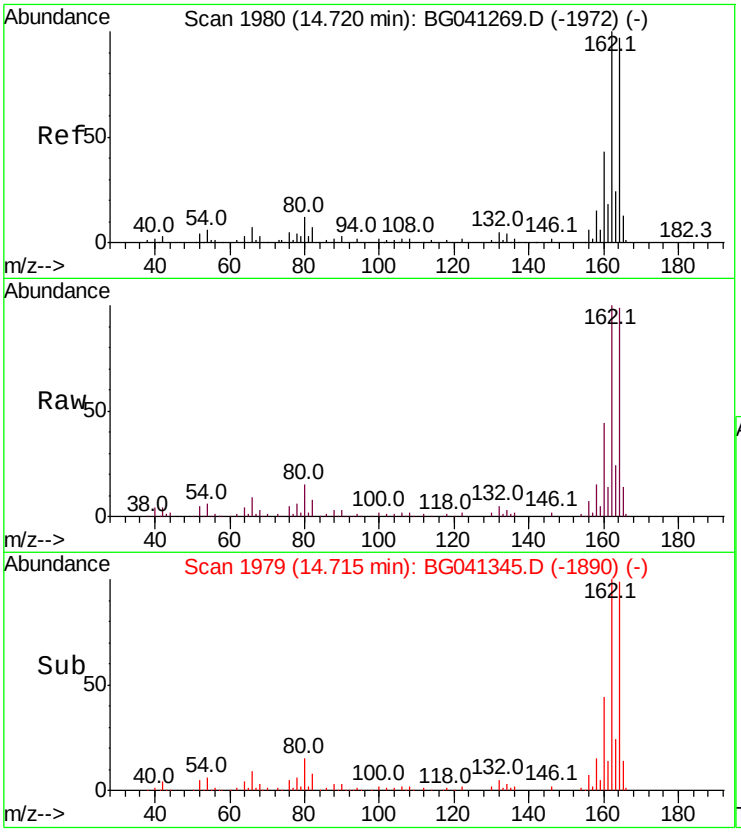


#23
Nitrobenzene-d5
Concen: 94.245 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion: 82 Resp: 337296

Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.2	43.8
54	54.7	43.4	65.0



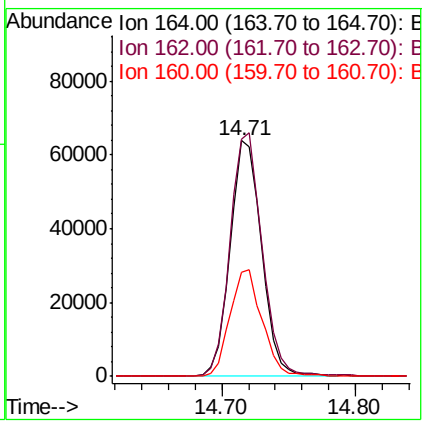


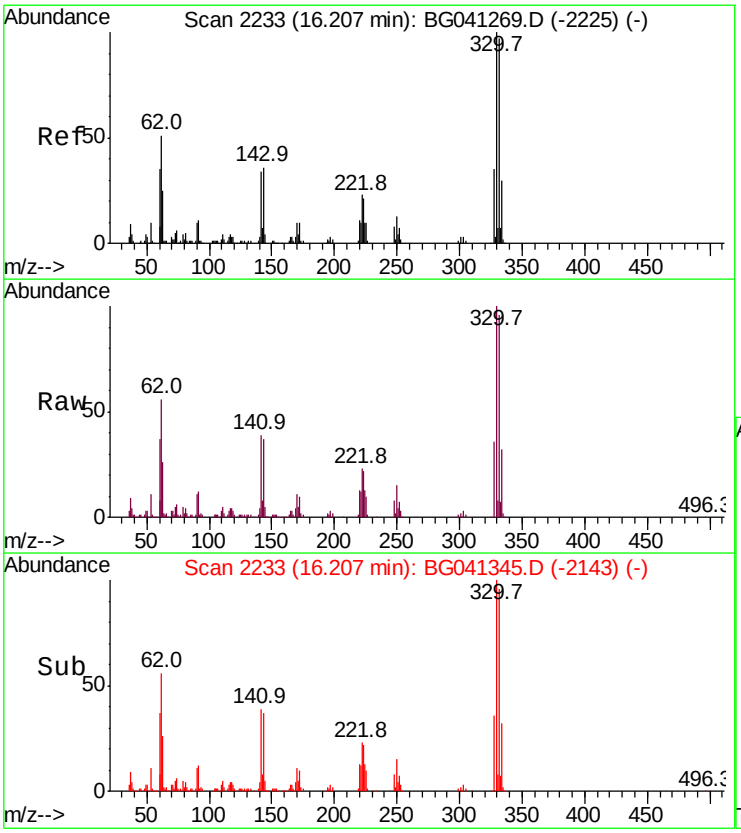
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 104670

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.8	124.2
160	44.2	35.8	53.8

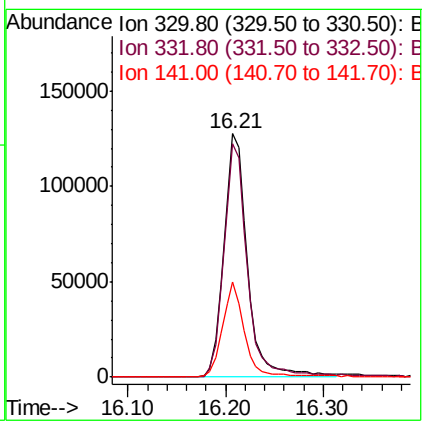


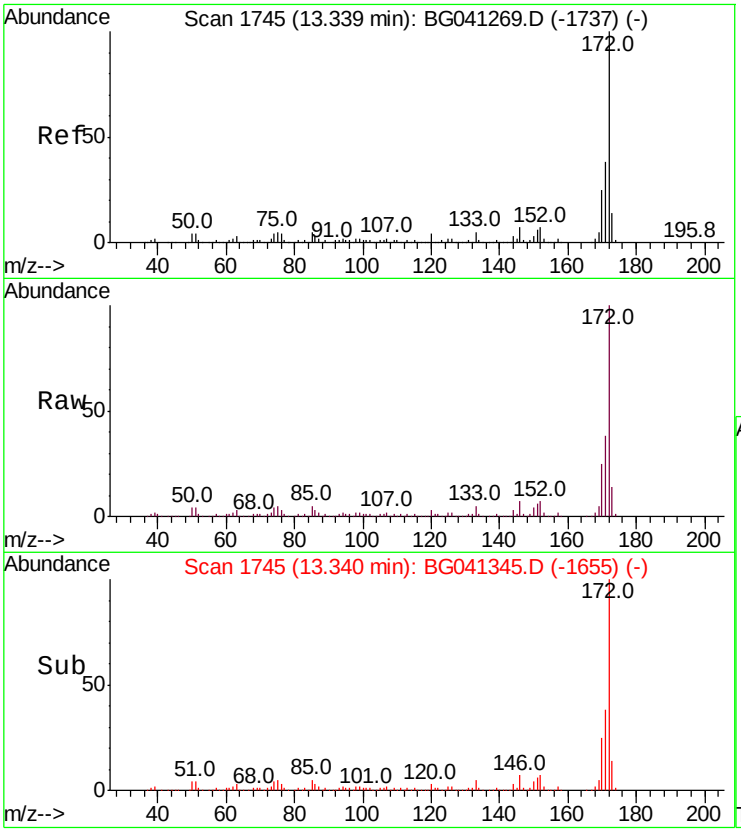


#42
2,4,6-Tribromophenol
Concen: 133.143 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion:330 Resp: 213949

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.5	113.3
141	36.8	29.0	43.4



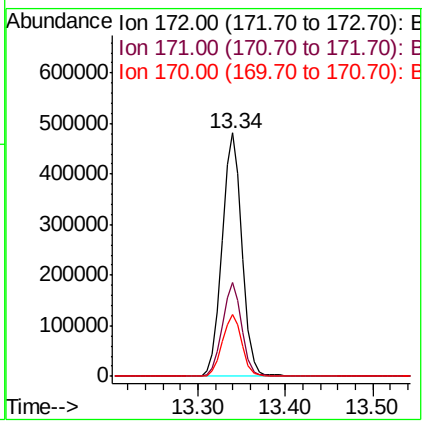


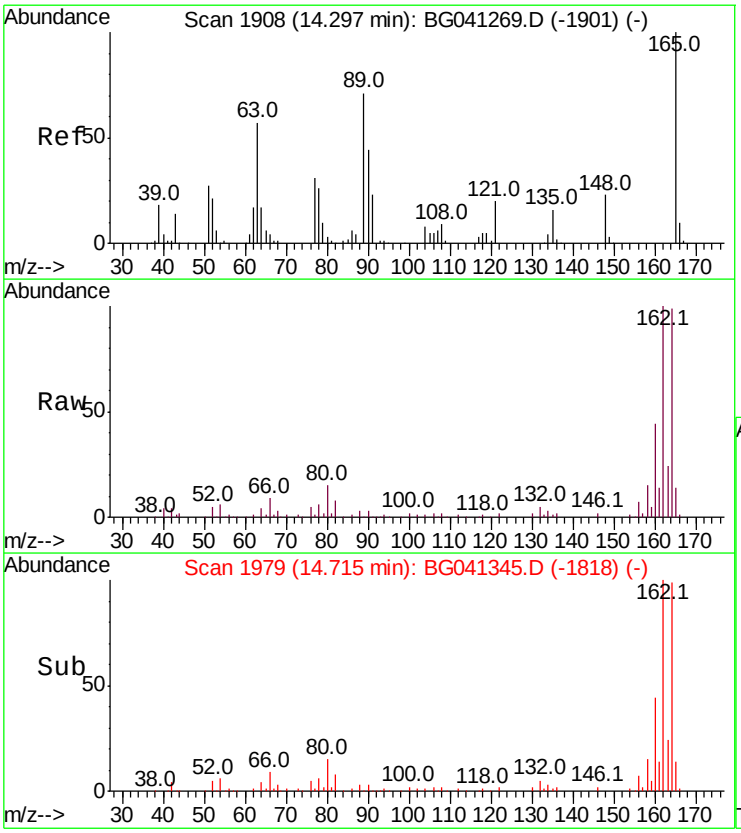
#45
2-Fluorobiphenyl
Concen: 97.936 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 754218

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.3	19.8	29.6

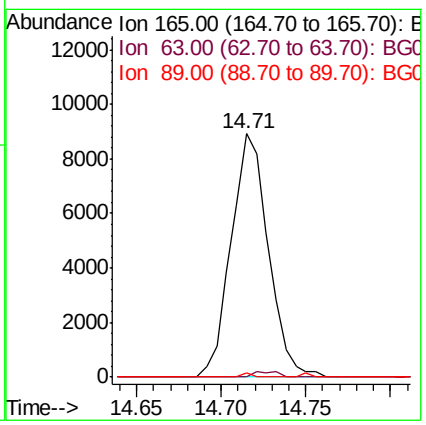


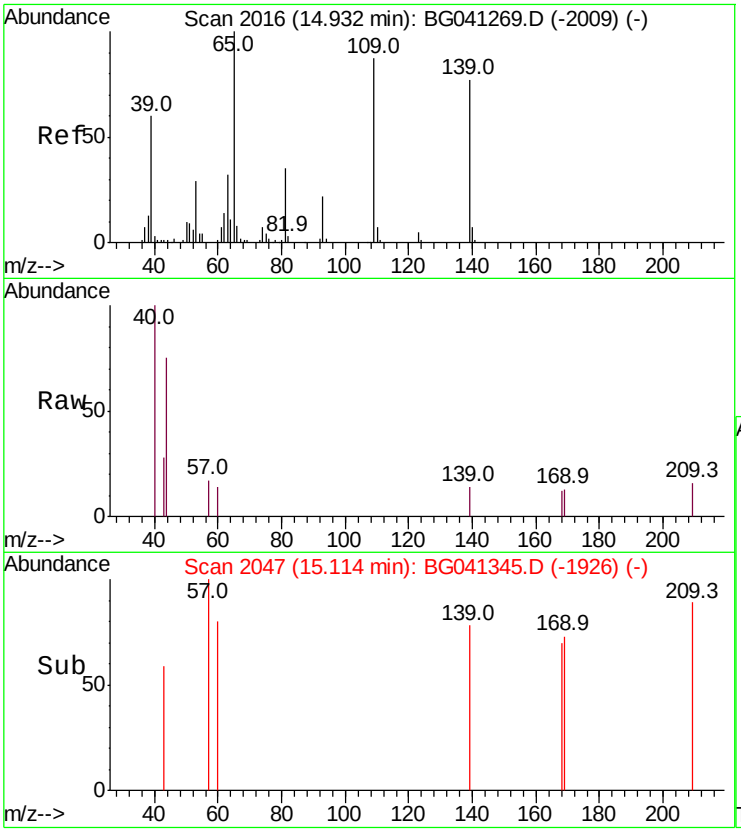


#51
2,6-Dinitrotoluene
Concen: 6.941 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.42 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion:165 Resp: 13630

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	2.0	56.5	84.7#



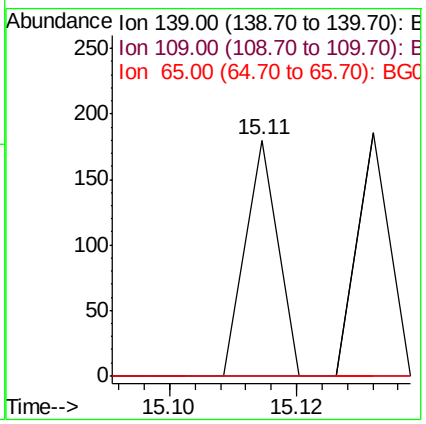


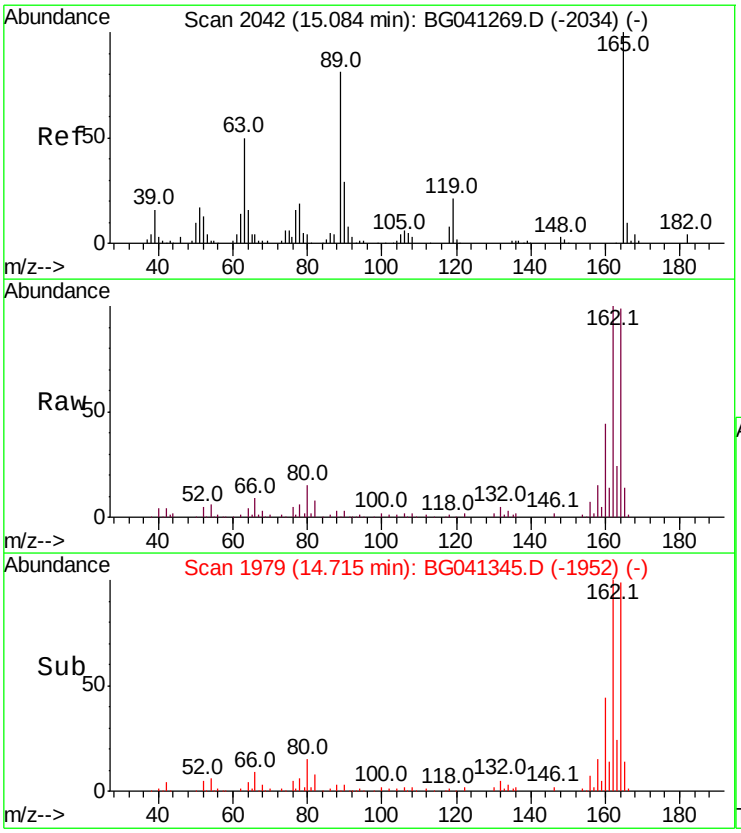
#56
4-Nitrophenol
Concen: 3.257 ng
RT: 15.11 min Scan# 2047
Delta R.T. 0.18 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

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#

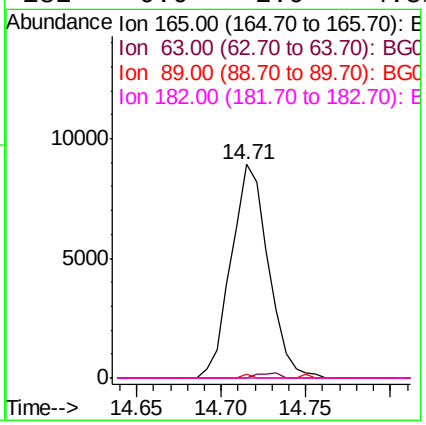


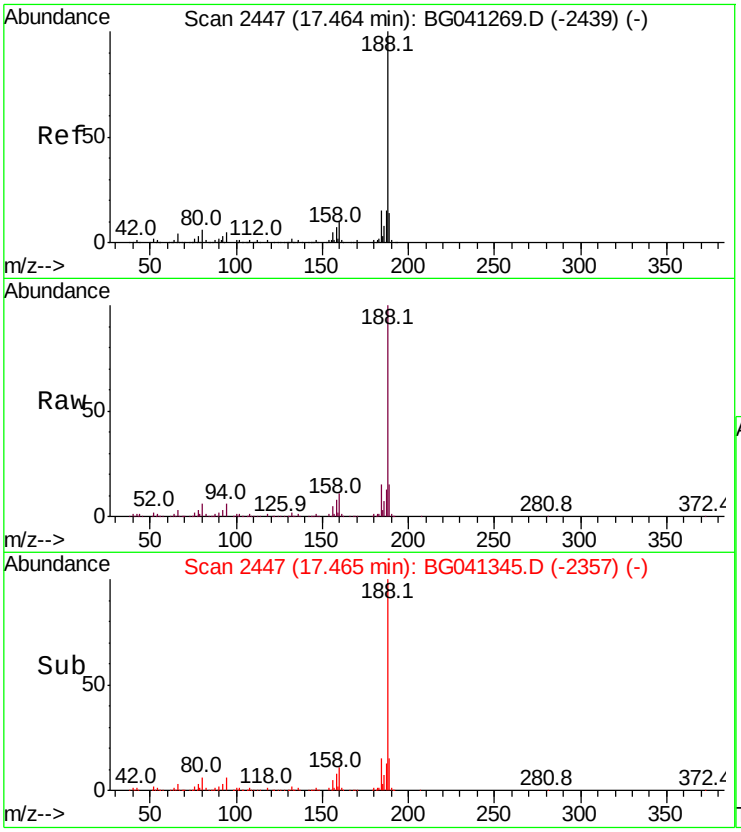


#57
2,4-Dinitrotoluene
Concen: 4.748 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.37 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion:165 Resp: 13630

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.0	64.6	96.8#
182	0.0	2.9	4.3#



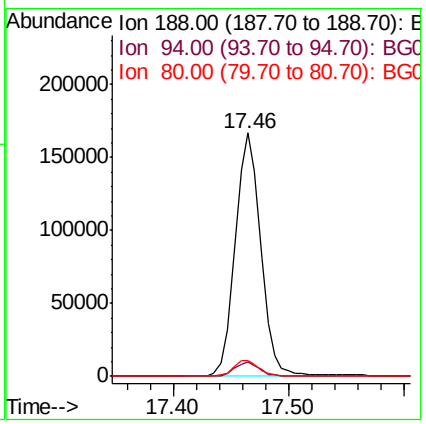


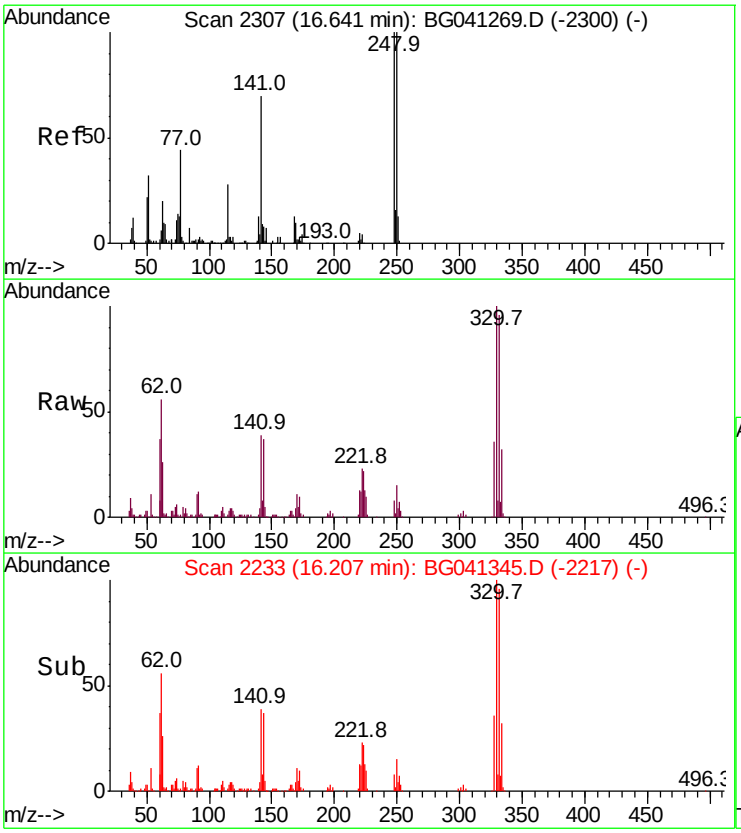
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 255361

Ion	Ratio	Lower	Upper
188	100		
94	5.9	3.6	5.4#
80	6.4	4.8	7.2

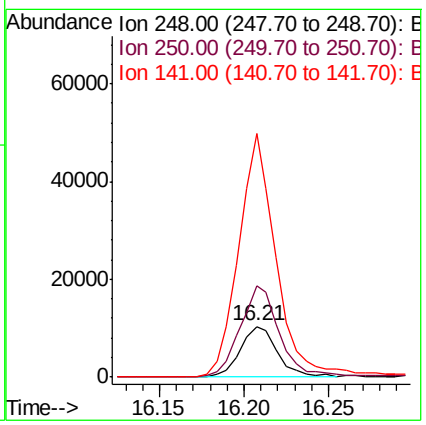


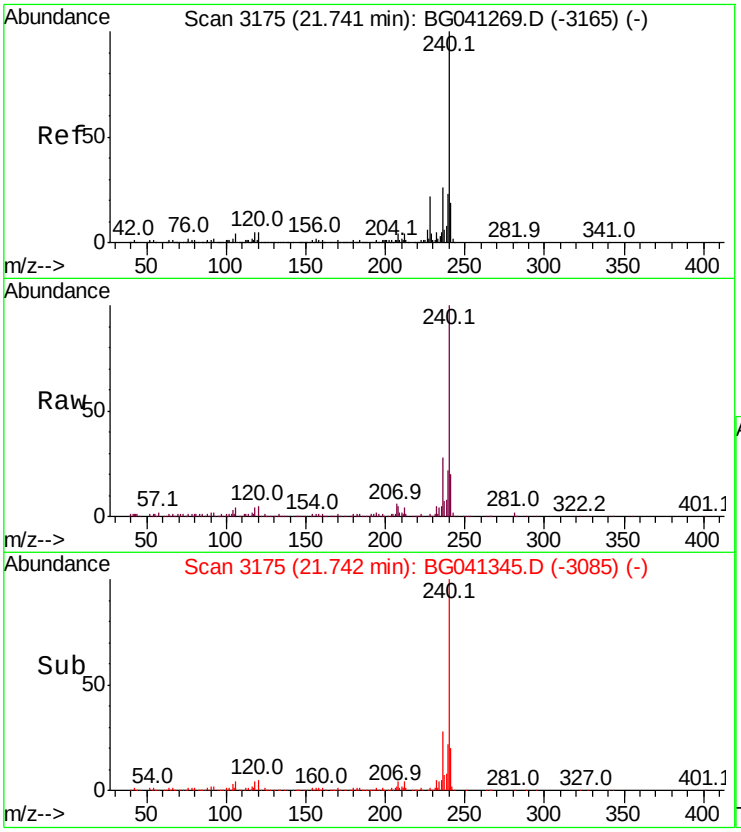


#67
4-Bromophenyl-phenylether
Concen: 4.780 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.43 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion:248 Resp: 15782

Ion	Ratio	Lower	Upper
248	100		
250	180.2	79.8	119.8#
141	482.5	55.8	83.6#



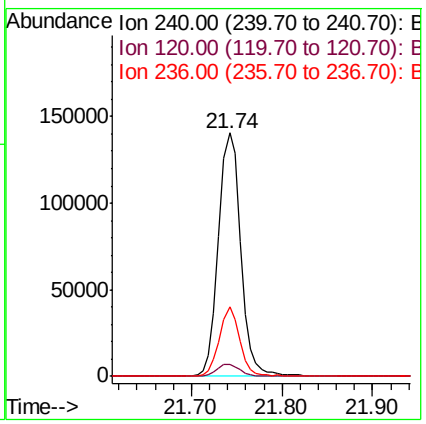


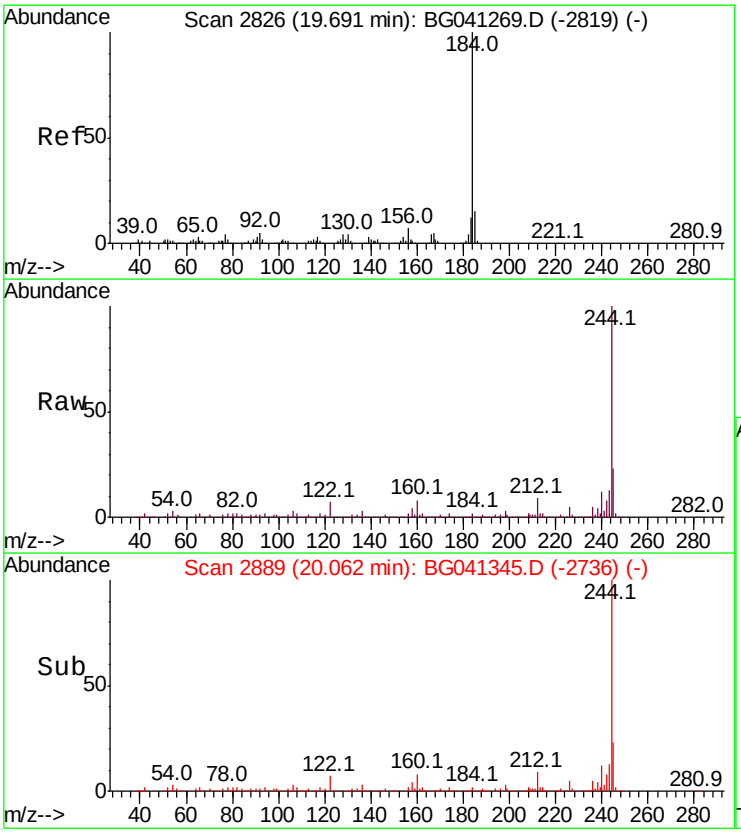
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 240880

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	28.4	21.1	31.7

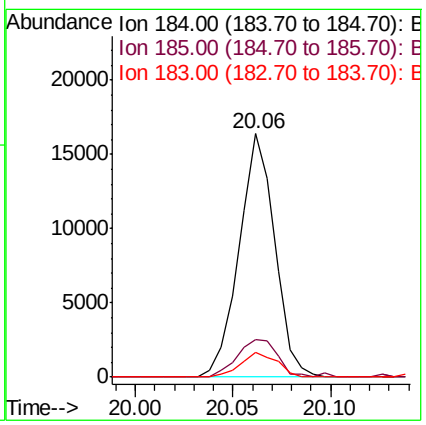


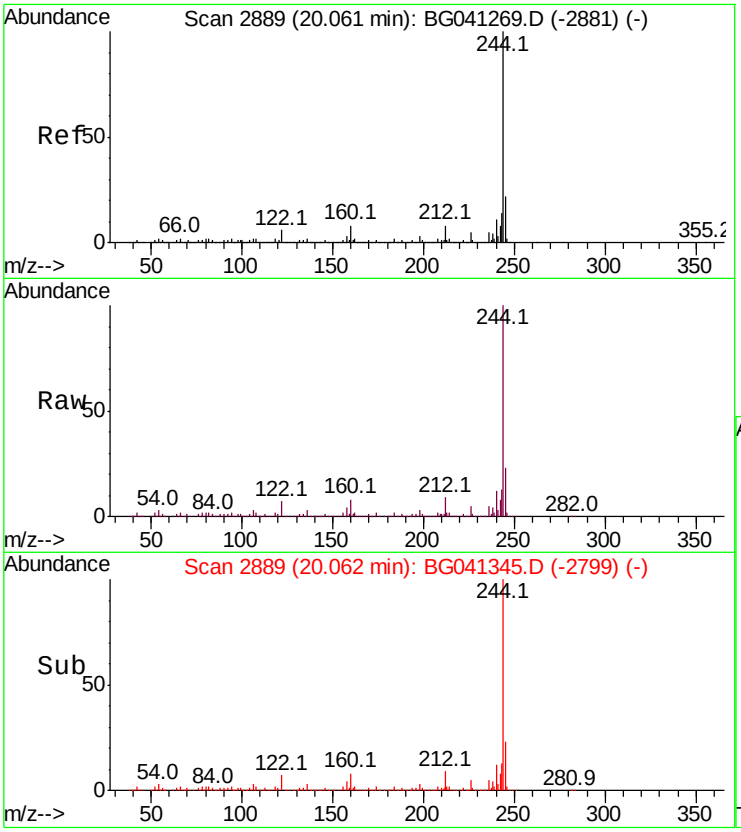


#77
Benzidine
Concen: 3.551 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.37 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion:184 Resp: 20687

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	10.2	9.6	14.4



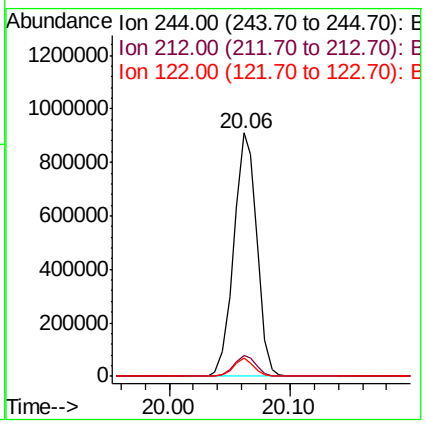


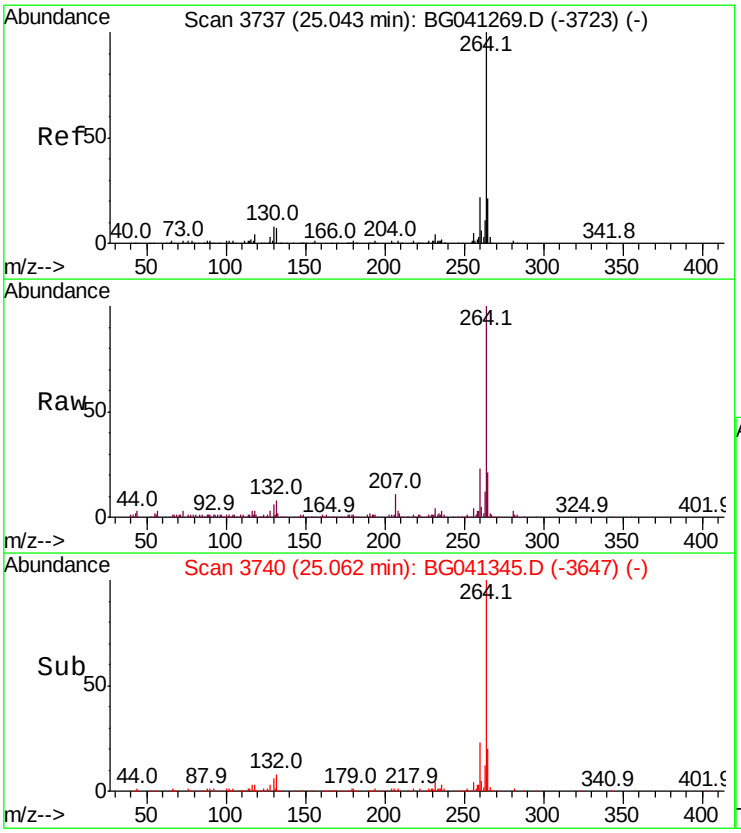
#79
Terphenyl-d14
Concen: 99.516 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1209581

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	10.0
122	7.4	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3740
Delta R.T. 0.02 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion:264 Resp: 233446

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.2
265	20.5	17.2	25.8