Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041398.D
Acq On : 22 Jun 2019 7:21
Operator : HP/JU
Sample : K3455-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4-GIS

Quant Time: Jun 24 01:37:41 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	8.05	152	33839	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	130016	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	94685	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	227328	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	217753	20.00	ng	-0.03
87) Perylene-d12	25.01	264	233330	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	221481	120.26	ng	-0.02
7) Phenol-d6	7.21	99	280592	105.11	ng	-0.02
23) Nitrobenzene-d5	9.23	82	264706	85.62	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	183104	125.96	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	616066	88.43	ng	-0.03
79) Terphenyl-d14	20.04	244	1006781	91.63	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	6195	6.708	ng	# 1
19) n-Nitroso-di-n-propylamine	9.23	70	38878	18.007	ng	# 72
51) 2,6-Dinitrotoluene	14.69	165	12176	6.854	ng	# 17
57) 2,4-Dinitrotoluene	14.69	165	12176	4.689	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	13717	4.667	ng	# 1
77) Benzidine	20.04	184	16425	3.119	ng	# 93

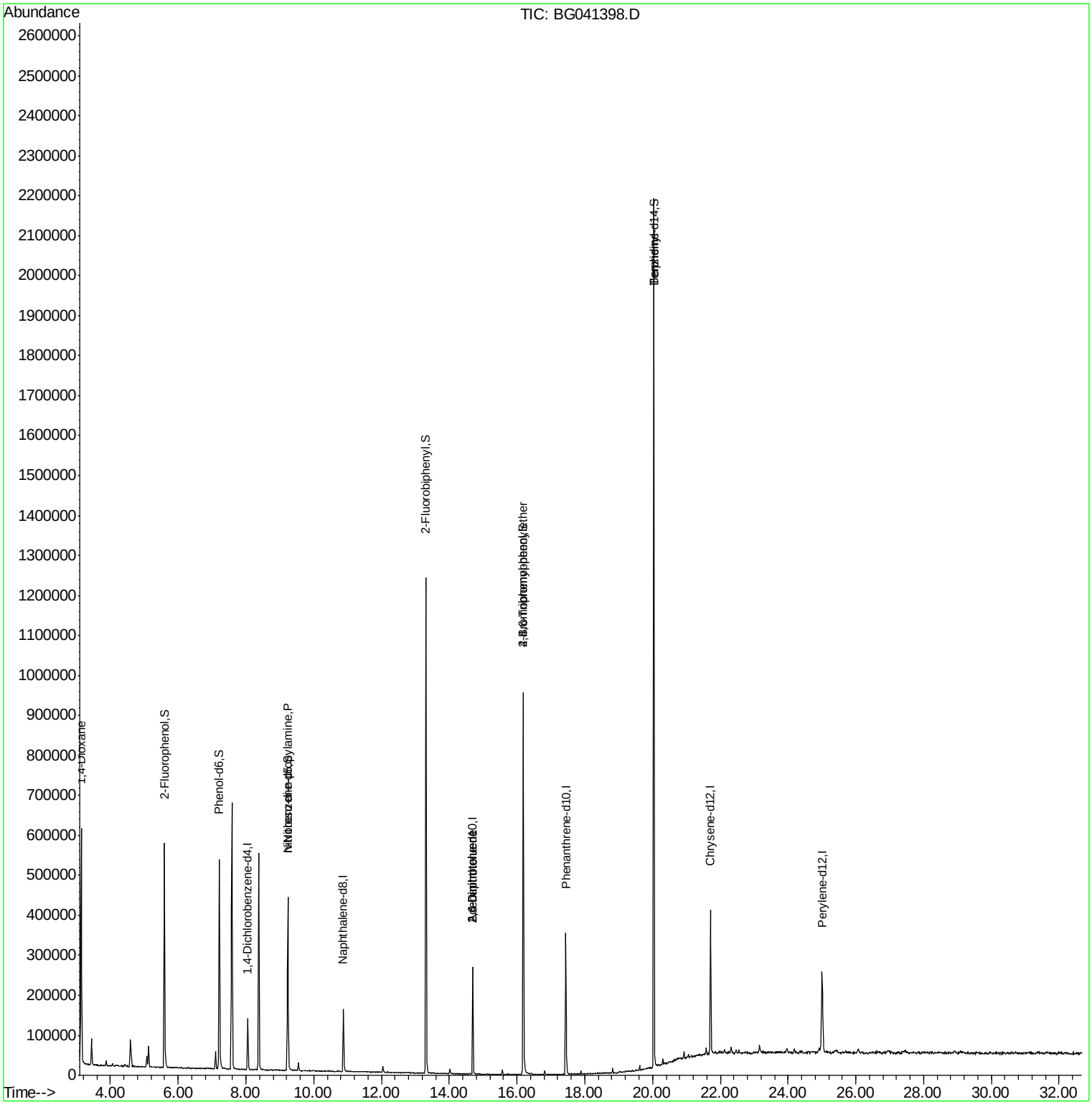
(#) = qualifier out of range (m) = manual integration (+) = signals summed

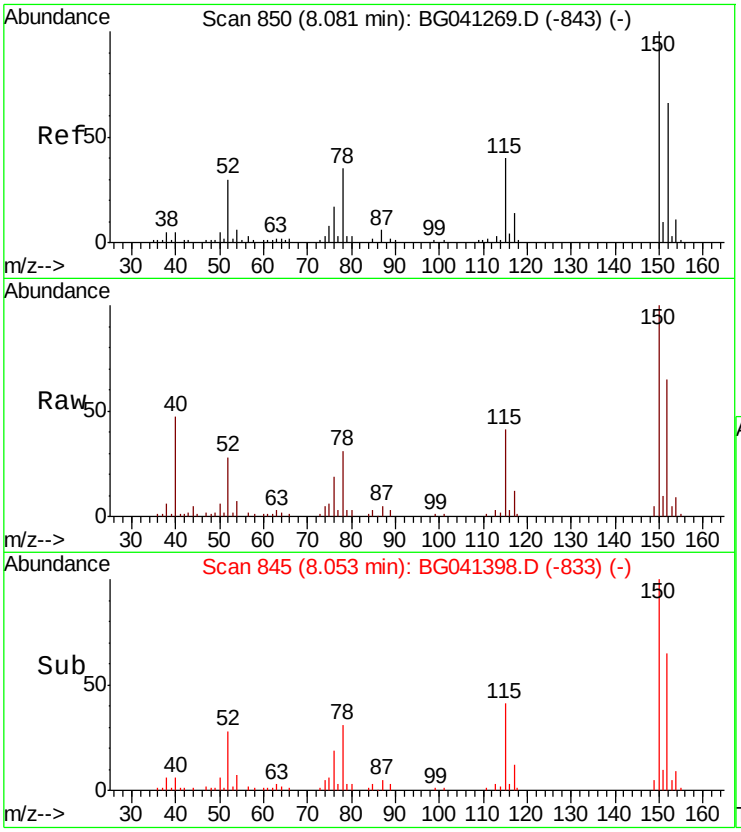
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041398.D
Acq On : 22 Jun 2019 7:21
Operator : HP/JU
Sample : K3455-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

Quant Time: Jun 24 01:37:41 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



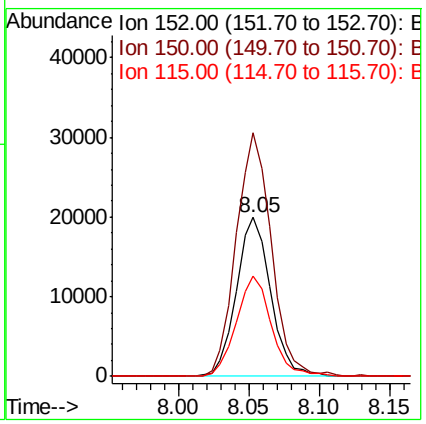


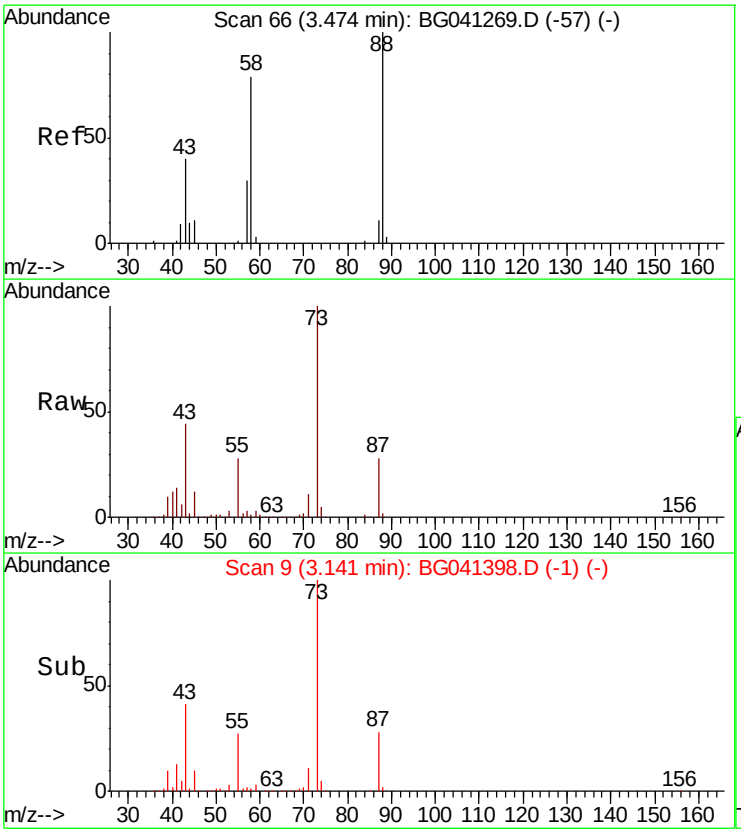
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

Tgt Ion:152 Resp: 33839

Ion	Ratio	Lower	Upper
152	100		
150	153.1	120.6	181.0
115	63.2	47.9	71.9

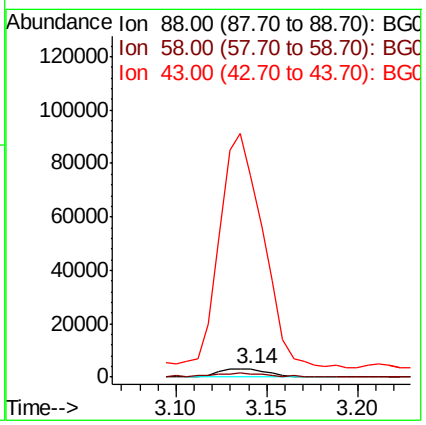


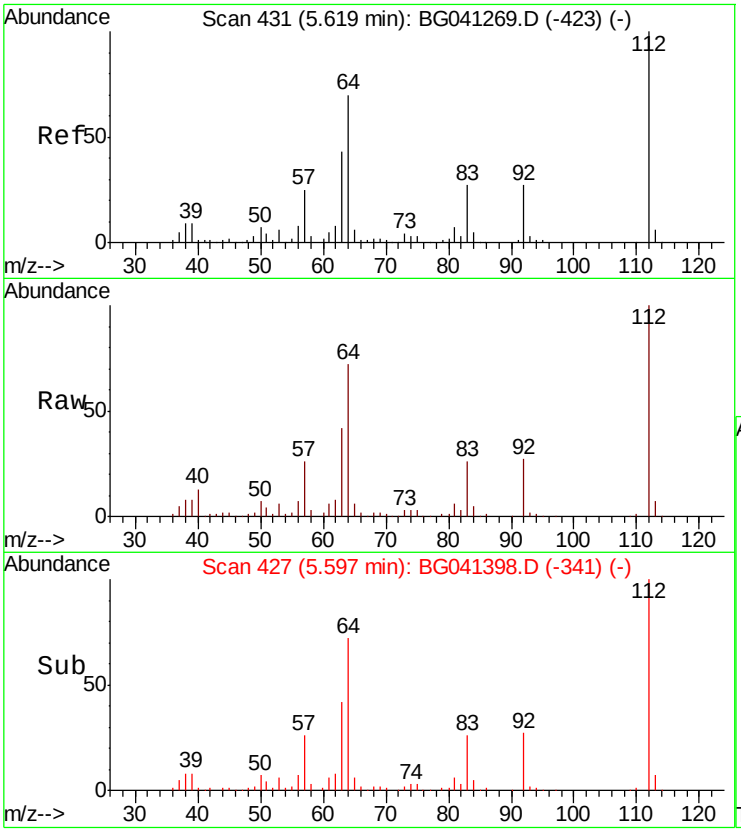


#2
1,4-Dioxane
Concen: 6.708 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion: 88 Resp: 6195

Ion	Ratio	Lower	Upper
88	100		
58	36.7	59.7	89.5#
43	2360.1	31.9	47.9#



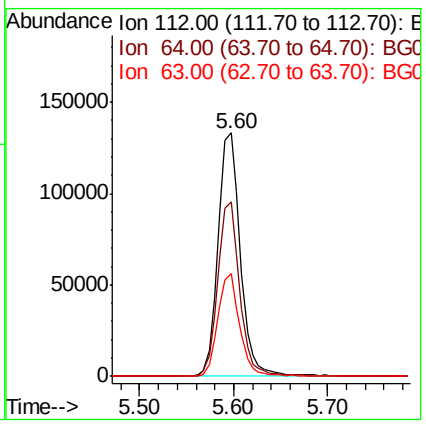


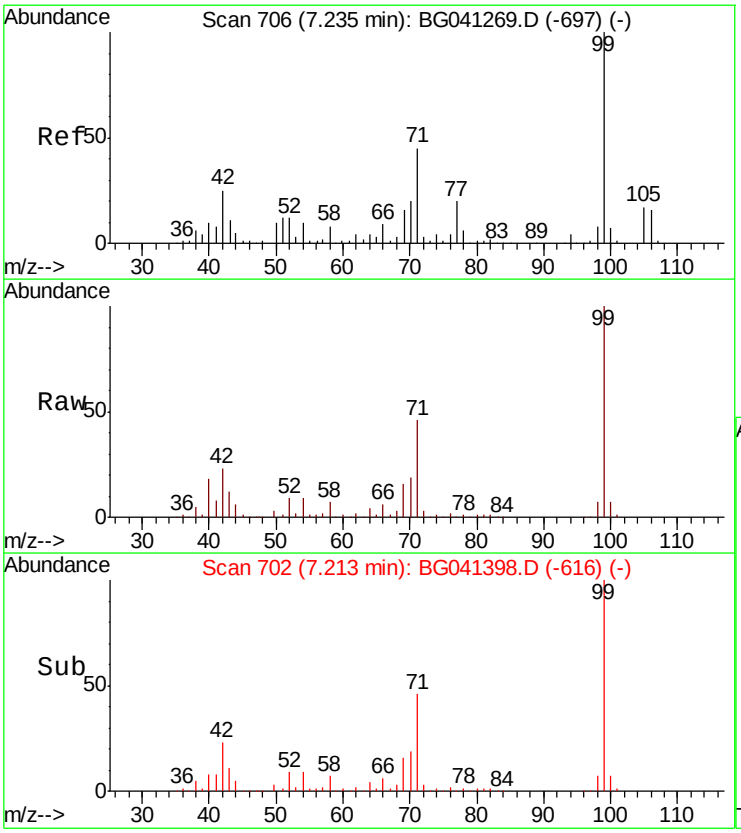
#5
2-Fluorophenol
Concen: 120.261 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

Tgt Ion:112 Resp: 221481

Ion	Ratio	Lower	Upper
112	100		
64	71.6	55.9	83.9
63	42.2	34.6	51.8

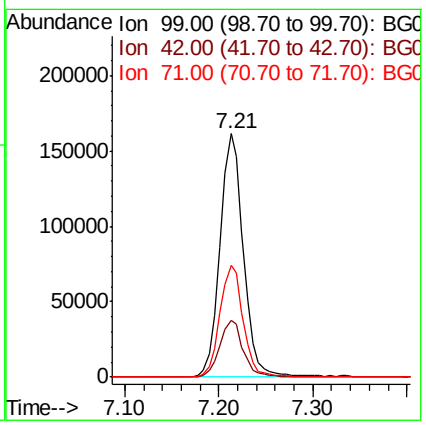


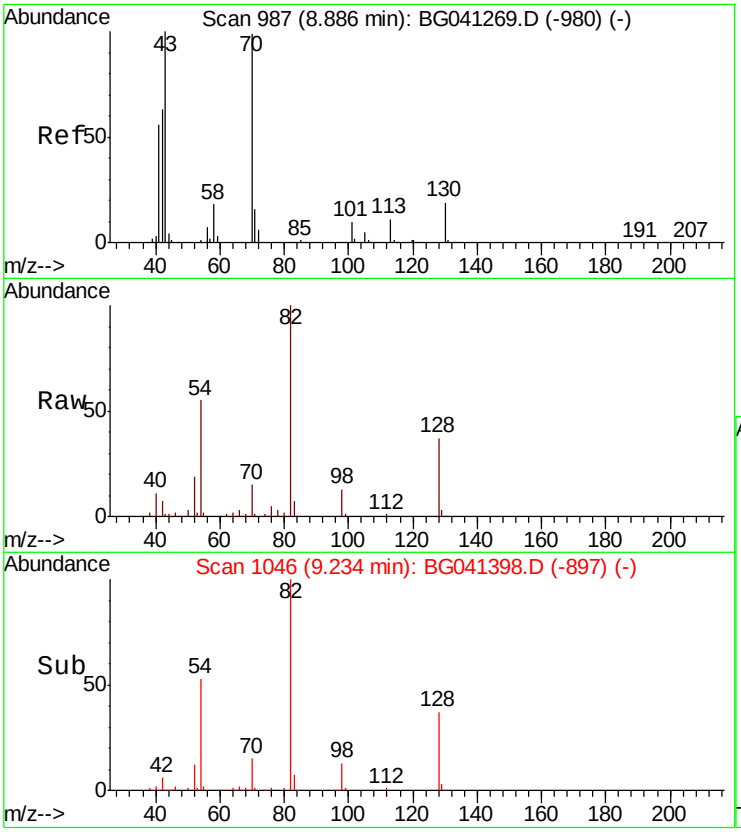


#7
Phenol-d6
Concen: 105.110 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.02 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion: 99 Resp: 280592

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.9	29.9
71	46.0	36.4	54.6



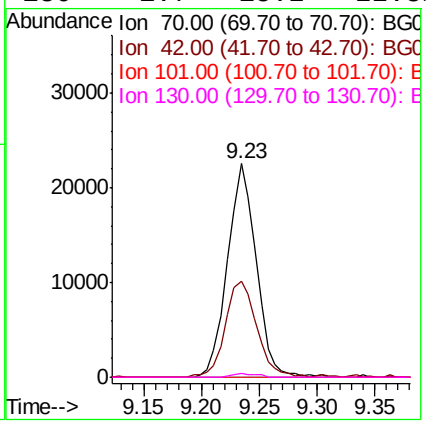


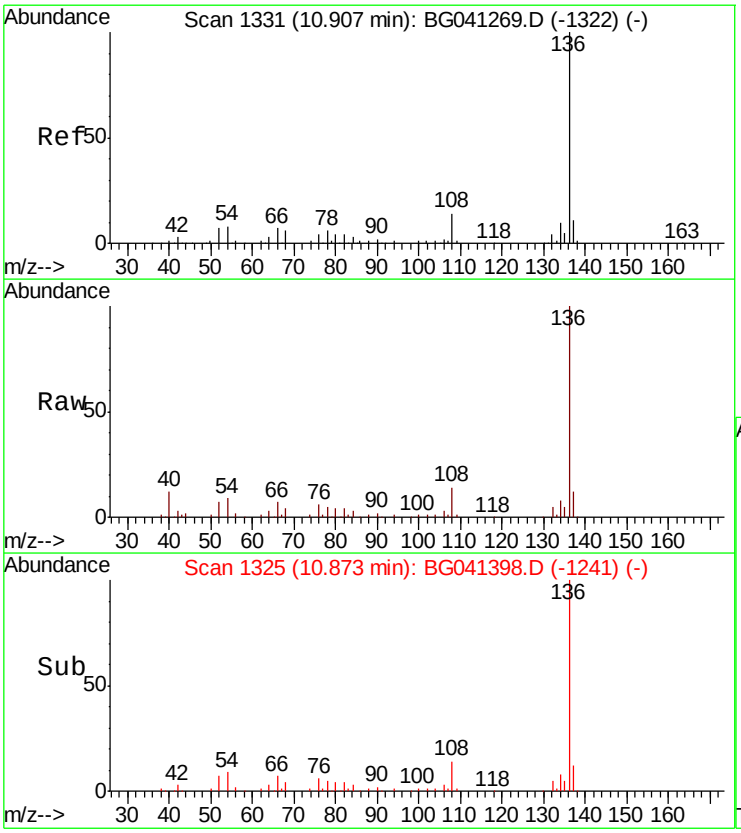
#19
n-Nitroso-di-n-propylamine
Concen: 18.007 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.35 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

Tgt Ion: 70 Resp: 38878

Ion	Ratio	Lower	Upper
70	100		
42	44.9	51.4	77.2#
101	0.0	8.2	12.2#
130	1.7	15.2	22.8#

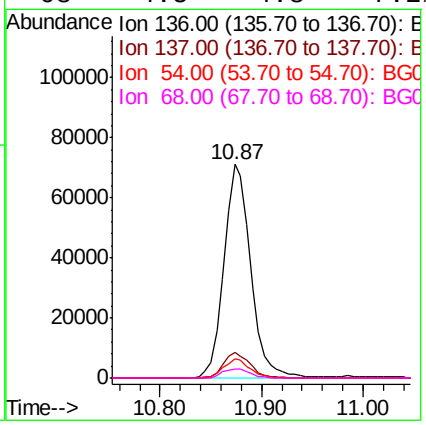


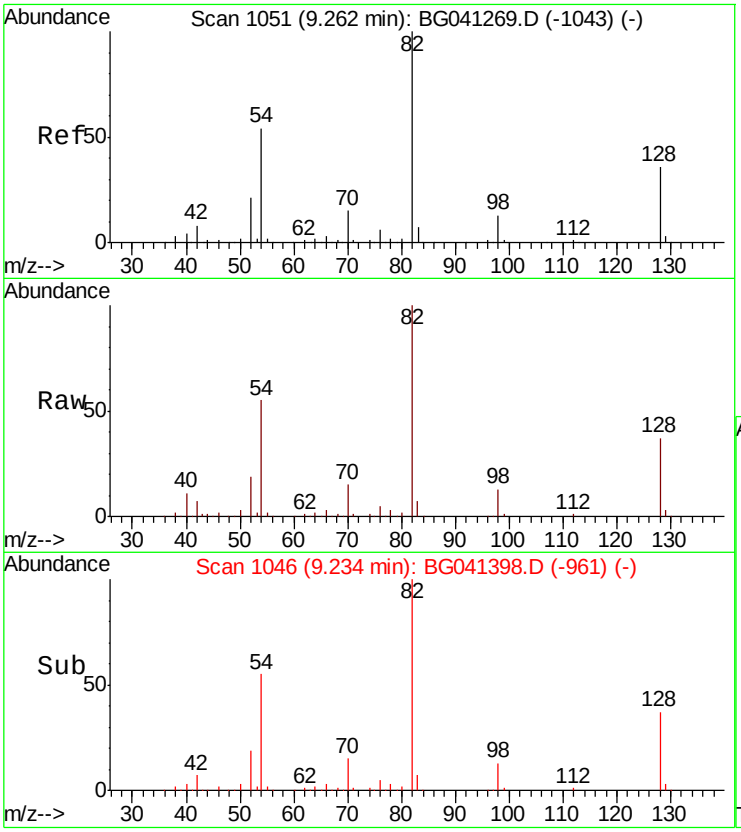


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion:136 Resp: 130016

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	8.7	6.4	9.6
68	4.5	4.8	7.2#

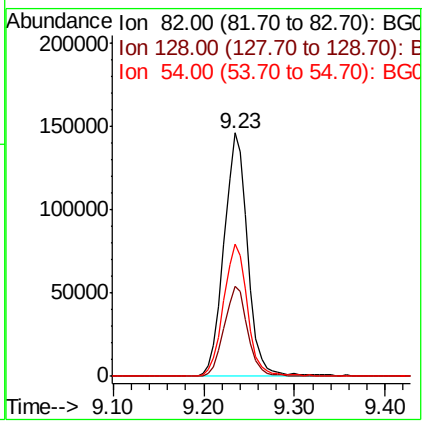




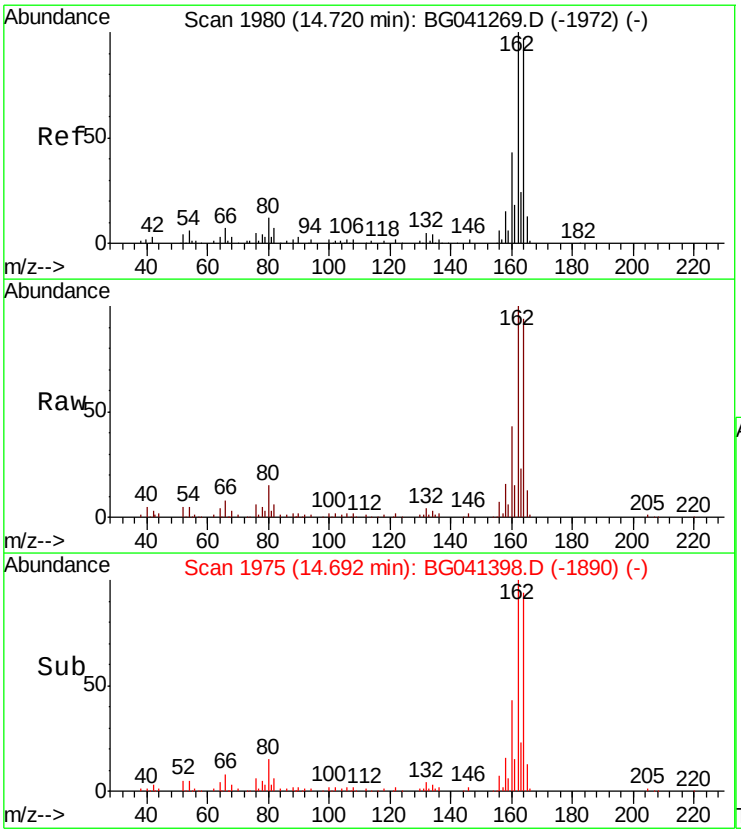
#23
Nitrobenzene-d5
Concen: 85.624 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion: 82 Resp: 264706

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.2	43.8
54	54.6	43.4	65.0



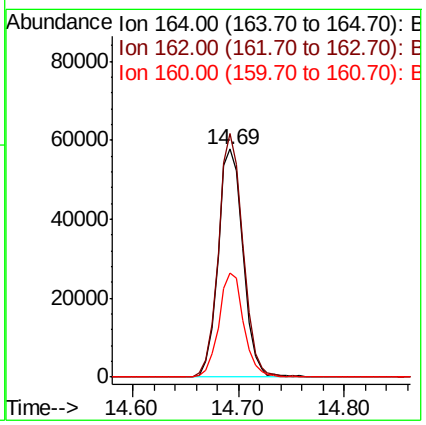
Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

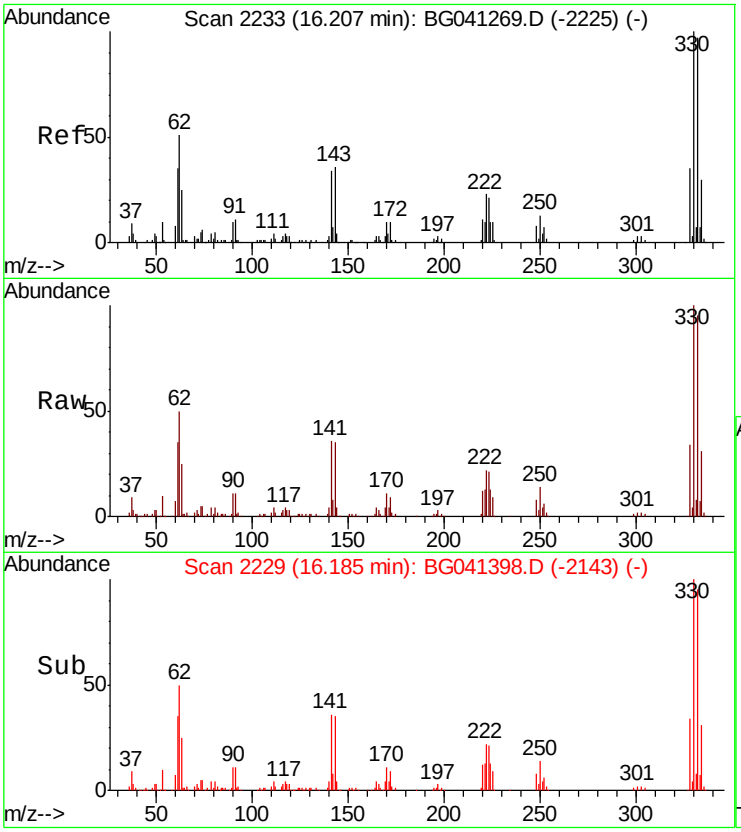


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion:164 Resp: 94685

Ion	Ratio	Lower	Upper
164	100		
162	106.8	82.8	124.2
160	45.7	35.8	53.8



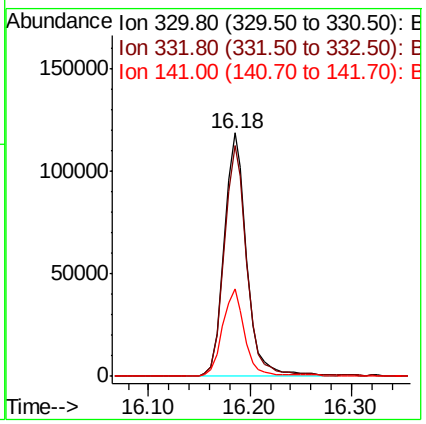


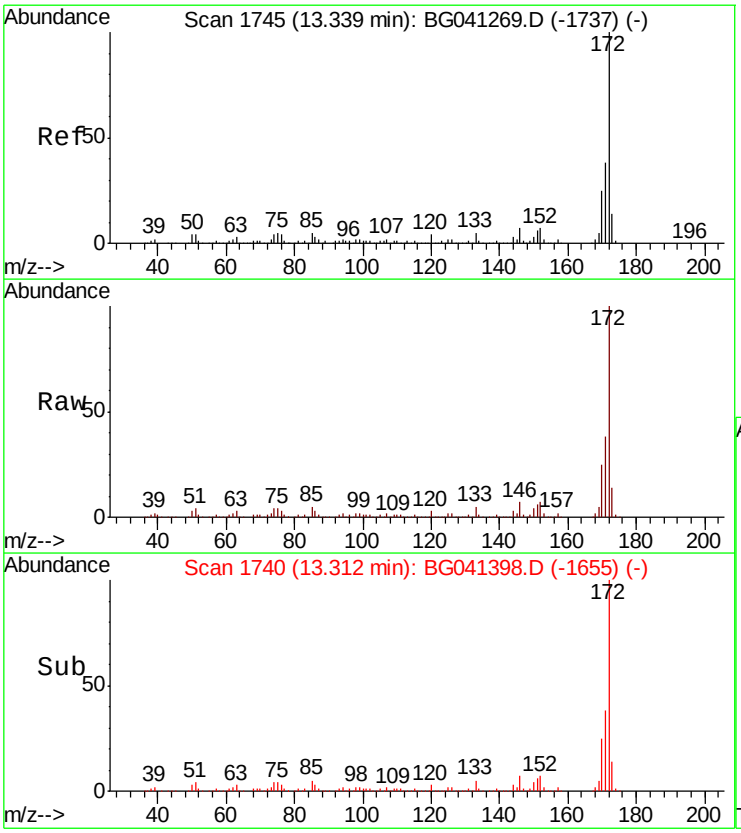
#42
2,4,6-Tribromophenol
Concen: 125.964 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

Tgt Ion:330 Resp: 183104

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.5	113.3
141	35.9	29.0	43.4

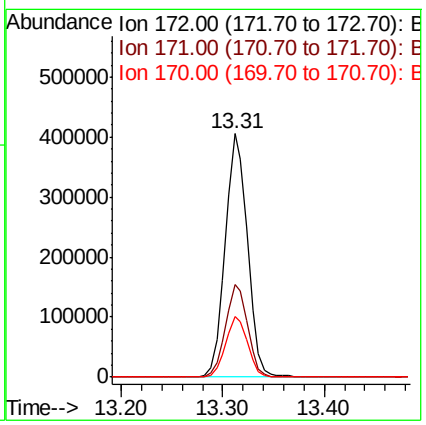


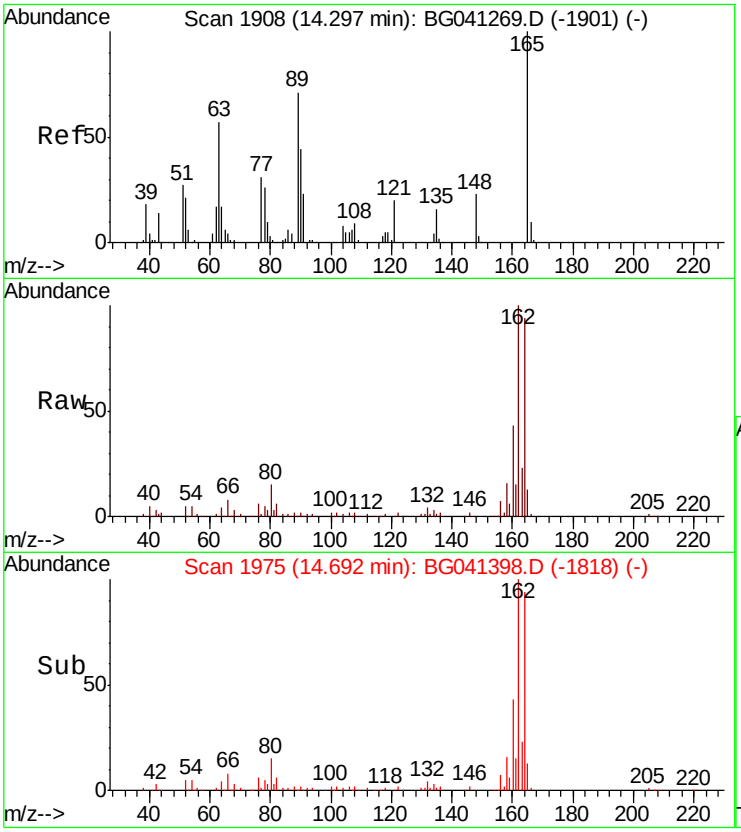


#45
2-Fluorobiphenyl
Concen: 88.433 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.03 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion:172 Resp: 616066

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.9	19.8	29.6



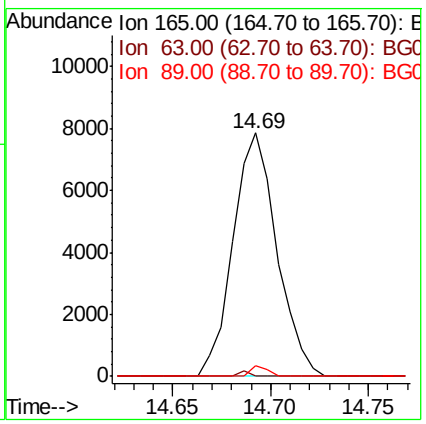


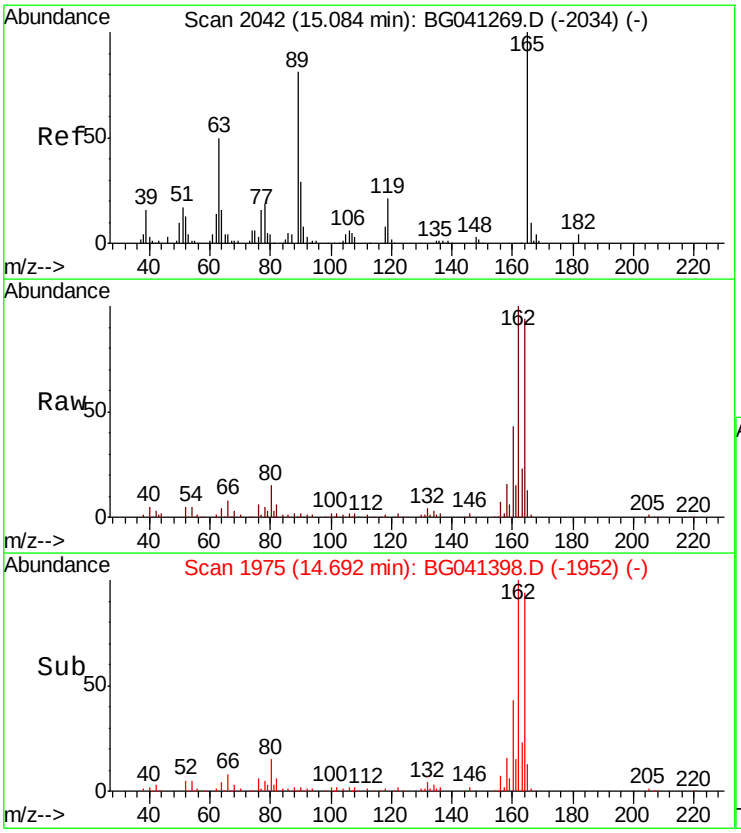
#51
2,6-Dinitrotoluene
Concen: 6.854 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.40 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

Tgt Ion:165 Resp: 12176

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	4.1	56.5	84.7#

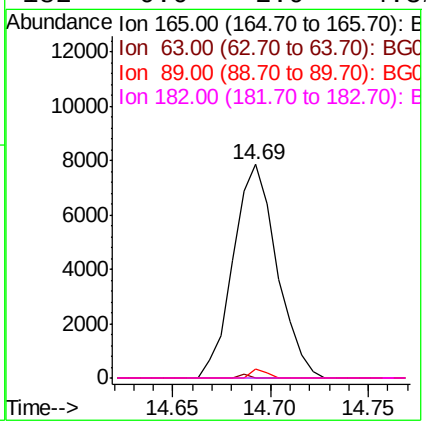


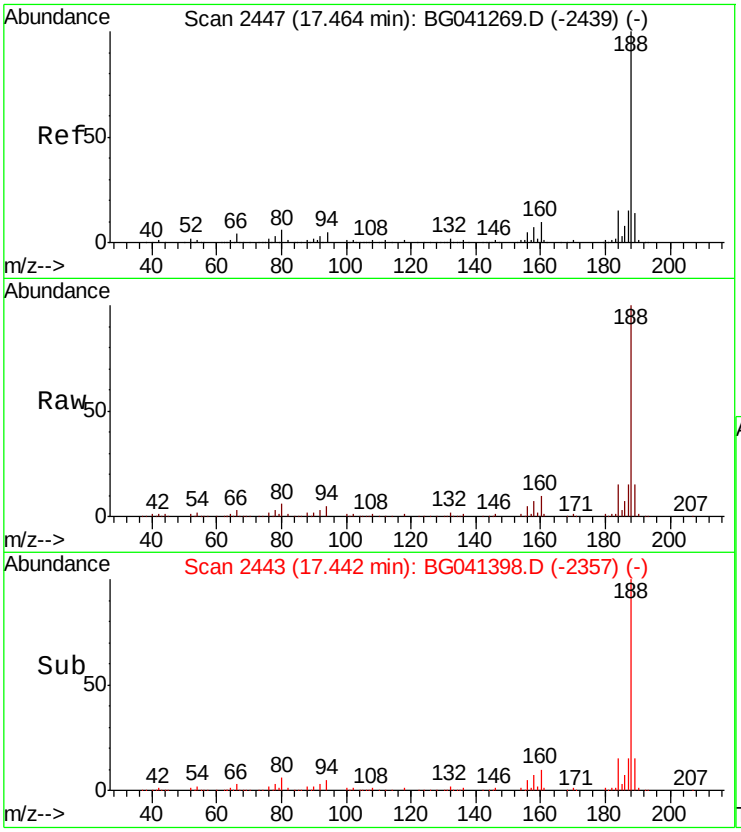


#57
2,4-Dinitrotoluene
Concen: 4.689 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.39 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion:165 Resp: 12176

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	4.1	64.6	96.8#
182	0.0	2.9	4.3#



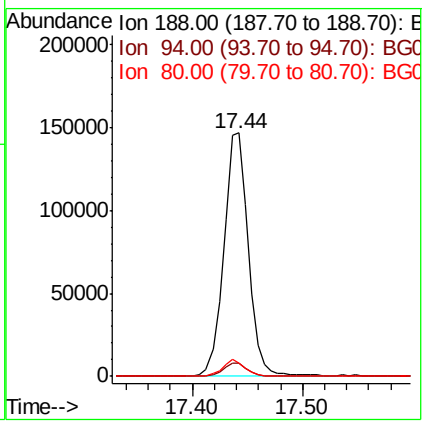


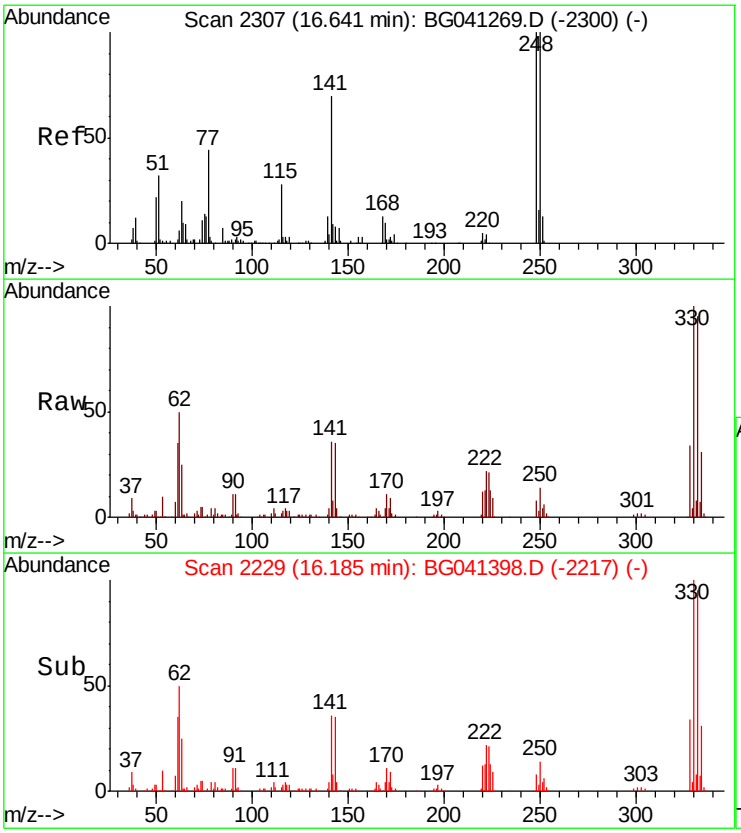
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.02 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

Tgt Ion:188 Resp: 227328

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	5.5	4.8	7.2

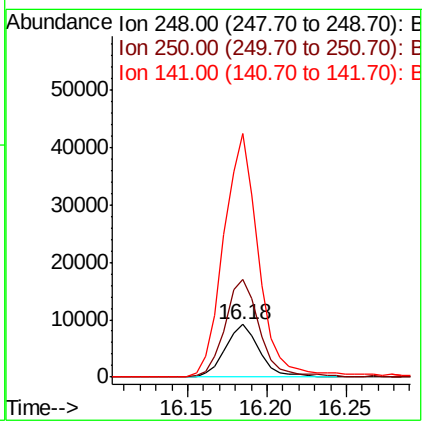


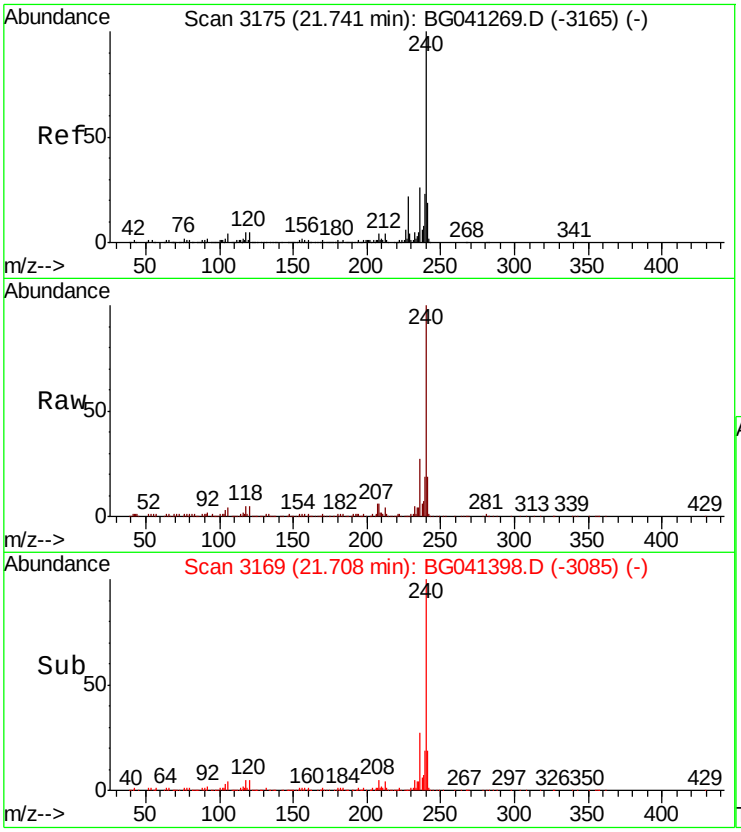


#67
4-Bromophenyl-phenylether
Concen: 4.667 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion:248 Resp: 13717

Ion	Ratio	Lower	Upper
248	100		
250	185.3	79.8	119.8#
141	462.6	55.8	83.6#



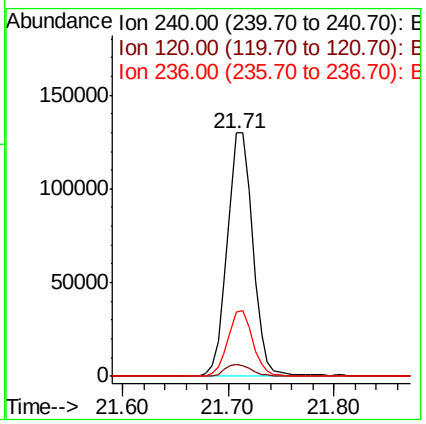


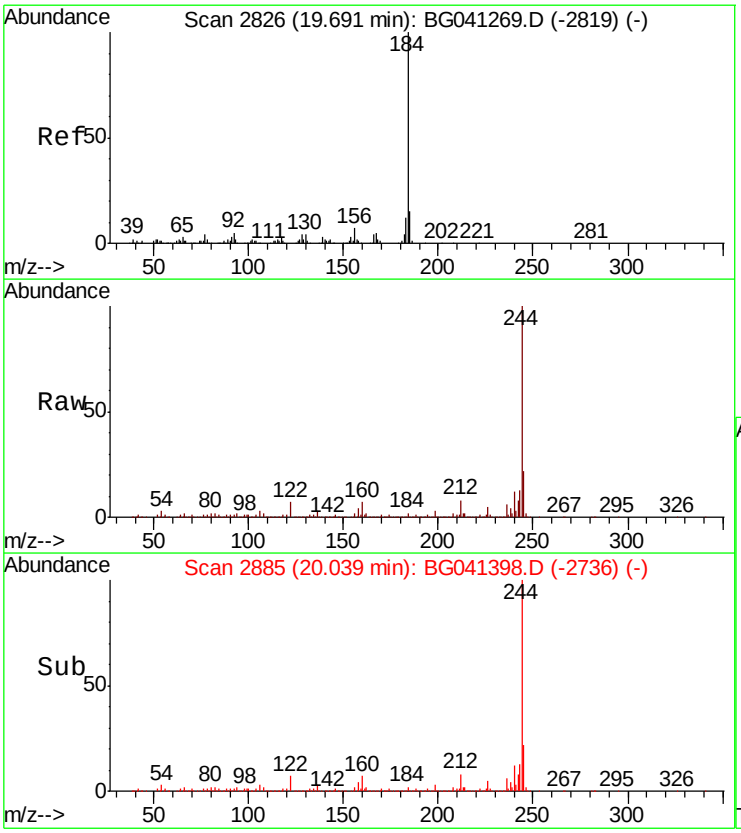
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

Tgt Ion:240 Resp: 217753

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.7	5.5
236	26.6	21.1	31.7

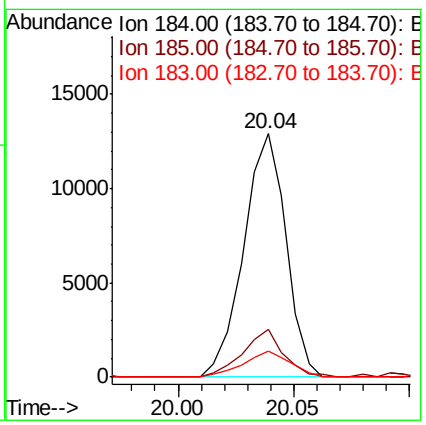


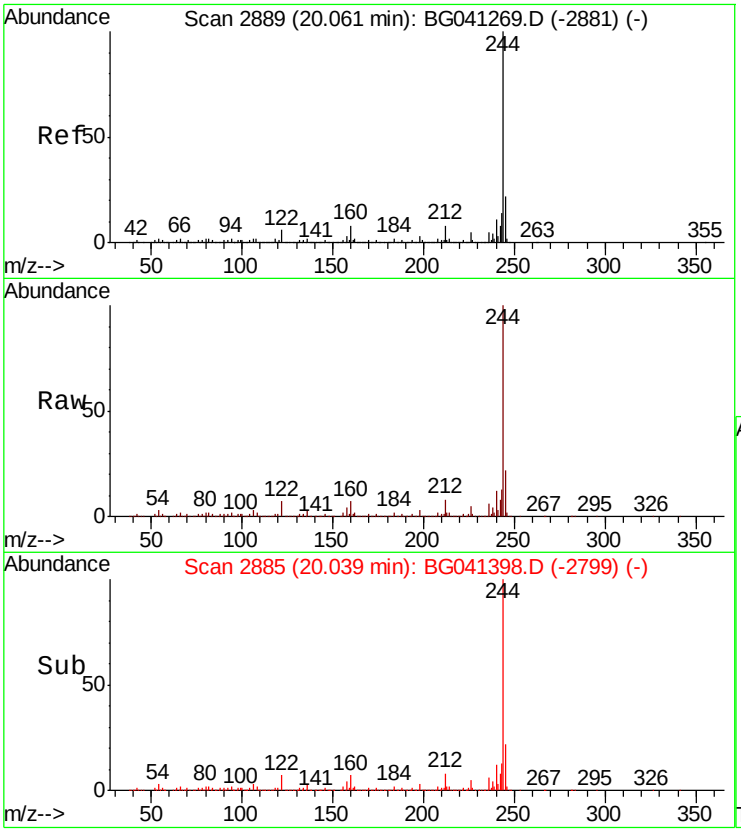


#77
Benzidine
Concen: 3.119 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.35 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion:184 Resp: 16425

Ion	Ratio	Lower	Upper
184	100		
185	19.5	12.2	18.2#
183	10.5	9.6	14.4



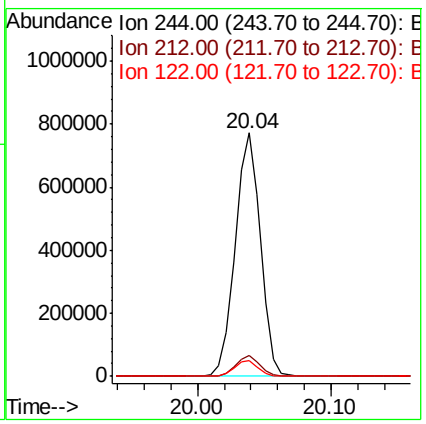


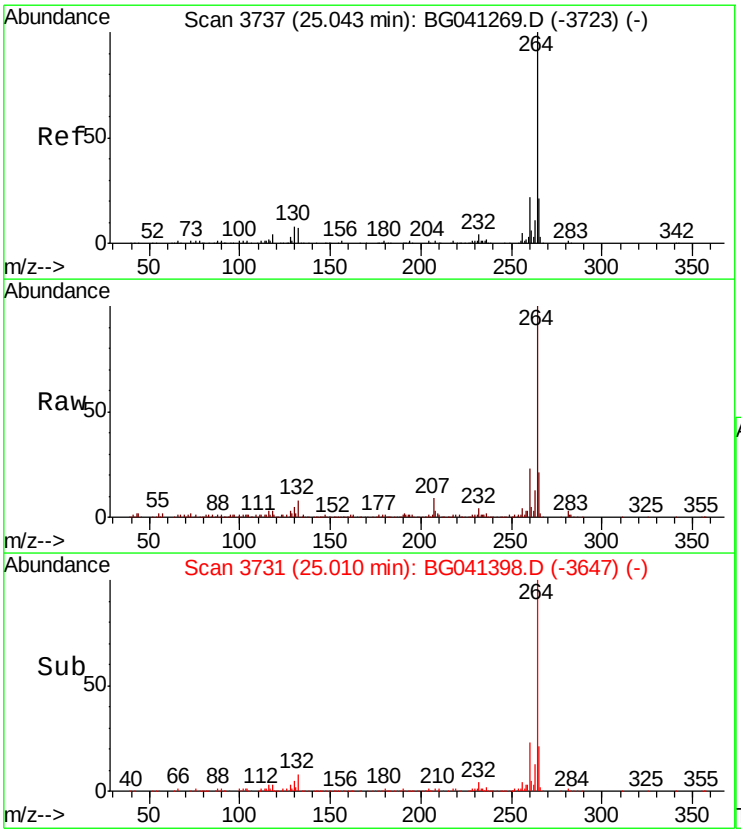
#79
Terphenyl-d14
Concen: 91.628 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.02 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

Tgt Ion:244 Resp: 1006781

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	6.7	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG041398.D
Acq: 22 Jun 2019 7:21

Tgt Ion:264 Resp: 233330

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.2
265	21.2	17.2	25.8