Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
Data File : BG041405.D
Acq On : 22 Jun 2019 16:20
Operator : HP/JU
Sample : K3455-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3-GIS

Quant Time: Jun 24 02:09:15 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	24003	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	82793	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	57968	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	163610	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	196090	20.00	ng	-0.04
87) Perylene-d12	24.99	264	207523	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	177647	135.99	ng	-0.03
7) Phenol-d6	7.21	99	223334	117.94	ng	-0.03
23) Nitrobenzene-d5	9.23	82	195829	99.47	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	151640	170.39	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	443910	104.08	ng	-0.03
79) Terphenyl-d14	20.04	244	1046727	105.79	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	5050	7.709	ng	# 1
15) Benzyl Alcohol	8.37	79	3777	2.082	ng	# 70
19) n-Nitroso-di-n-propylamine	9.23	70	27028	17.648	ng	# 72
51) 2,6-Dinitrotoluene	14.69	165	7534	6.928	ng	# 15
57) 2,4-Dinitrotoluene	14.69	165	7534	4.739	ng	# 18
67) 4-Bromophenyl-phenylether	16.18	248	10647	5.033	ng	# 1
77) Benzidine	20.03	184	17645	3.720	ng	# 96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
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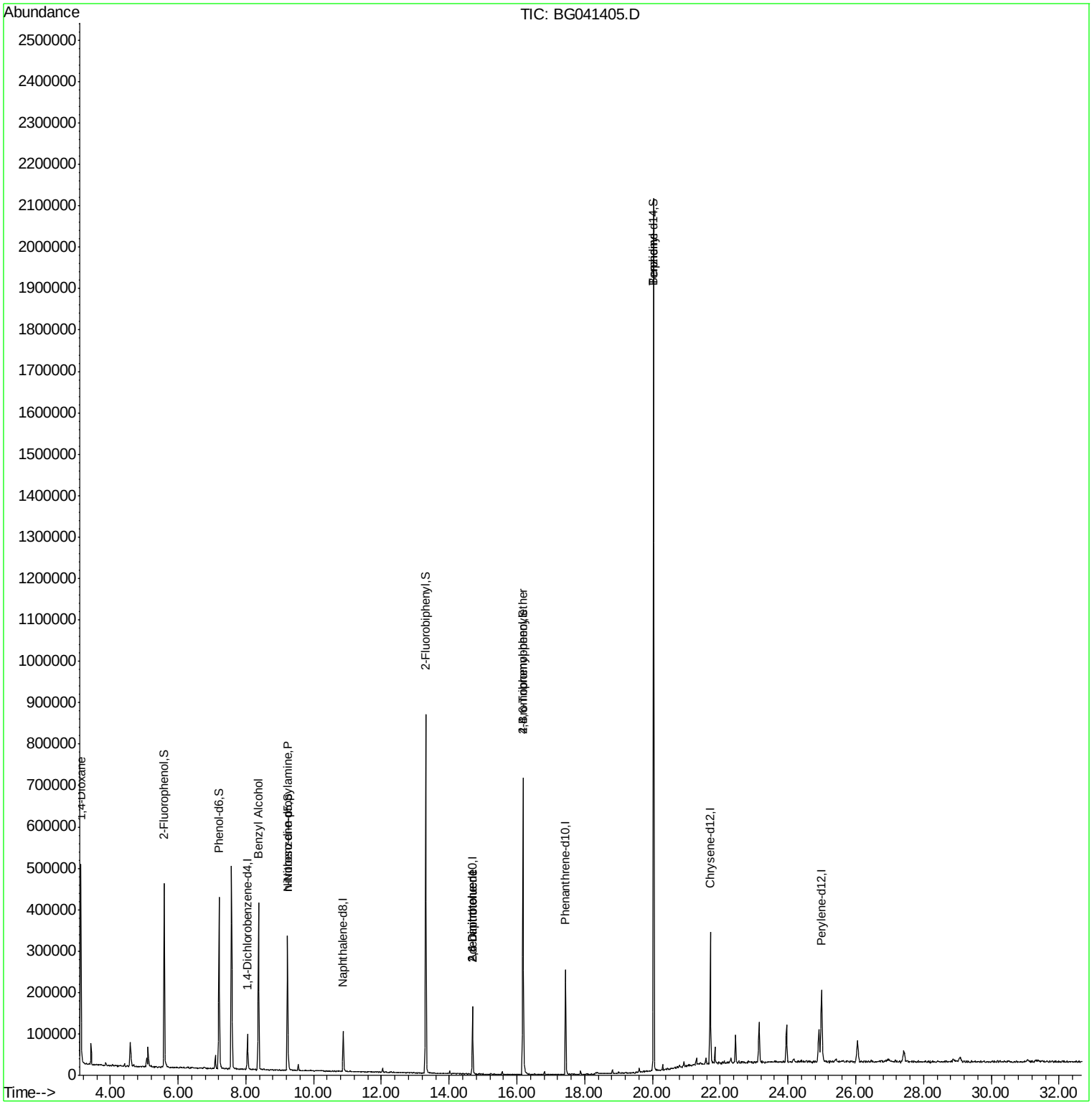
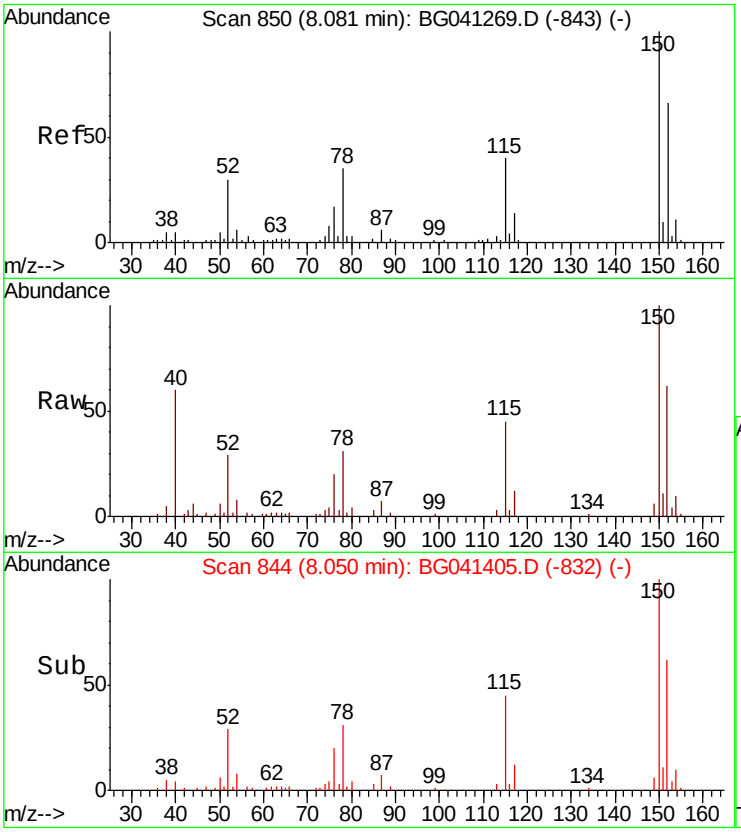


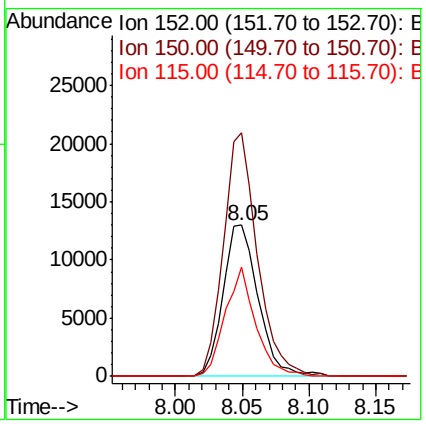


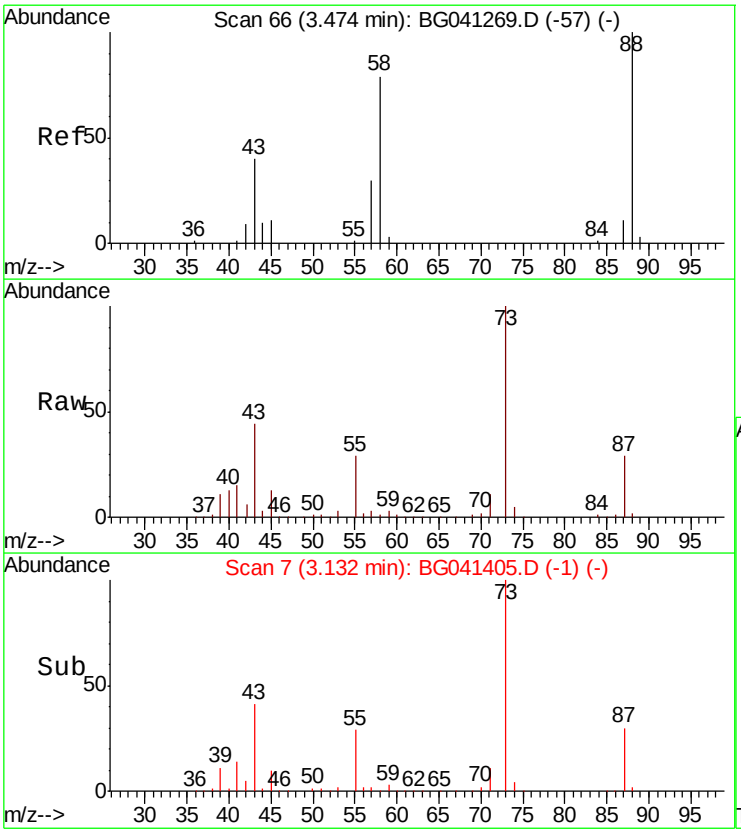
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion:152 Resp: 24003

Ion	Ratio	Lower	Upper
152	100		
150	160.8	120.6	181.0
115	72.5	47.9	71.9#

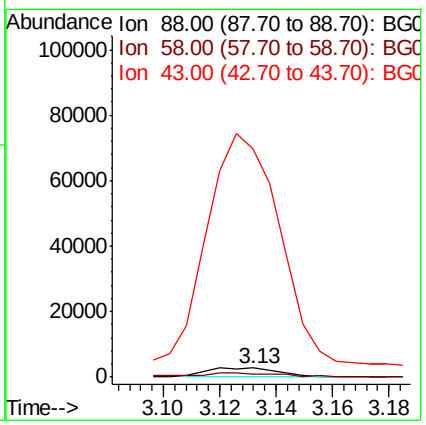


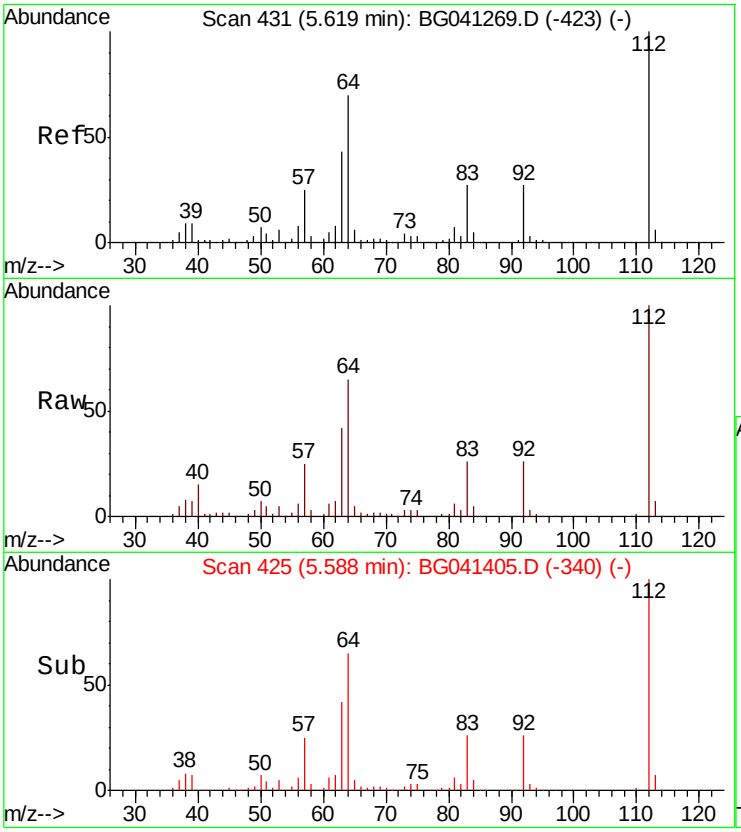


#2
1,4-Dioxane
Concen: 7.709 ng
RT: 3.13 min Scan# 7
Delta R.T. -0.34 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion: 88 Resp: 5050

Ion	Ratio	Lower	Upper
88	100		
58	55.1	59.7	89.5#
43	2389.0	31.9	47.9#



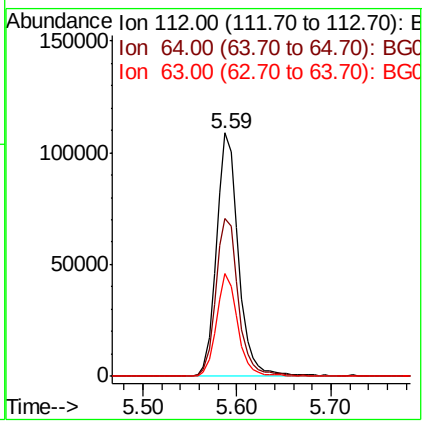


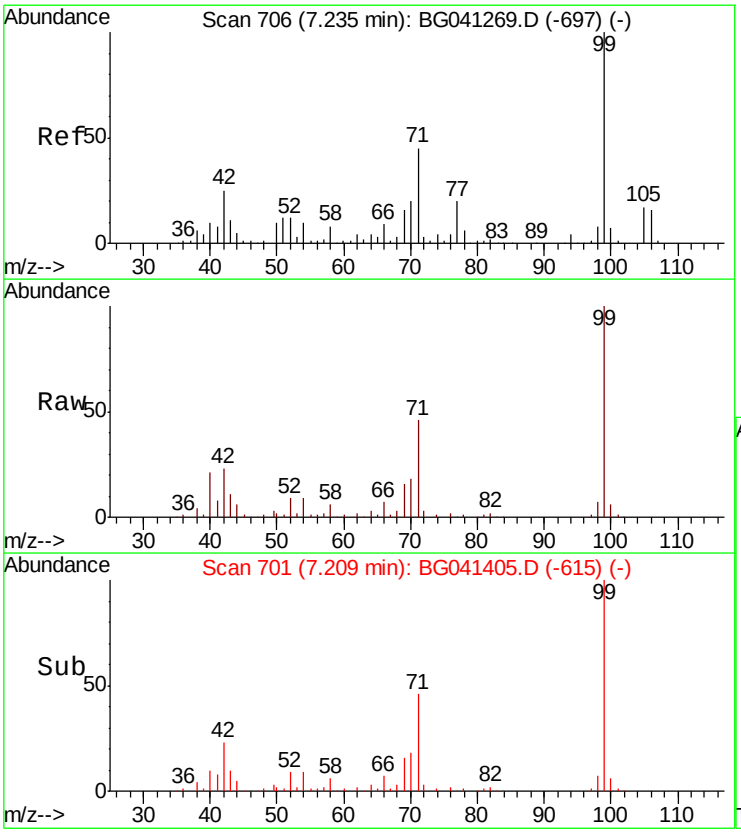
#5
2-Fluorophenol
Concen: 135.988 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion:112 Resp: 177647

Ion	Ratio	Lower	Upper
112	100		
64	64.9	55.9	83.9
63	42.5	34.6	51.8

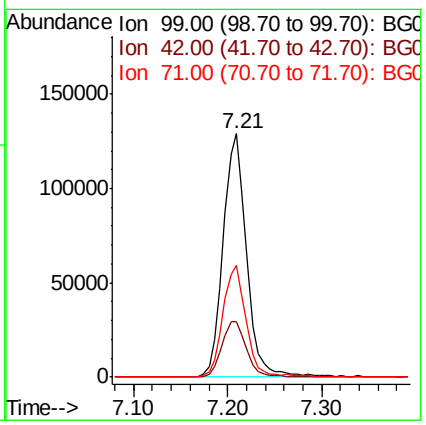


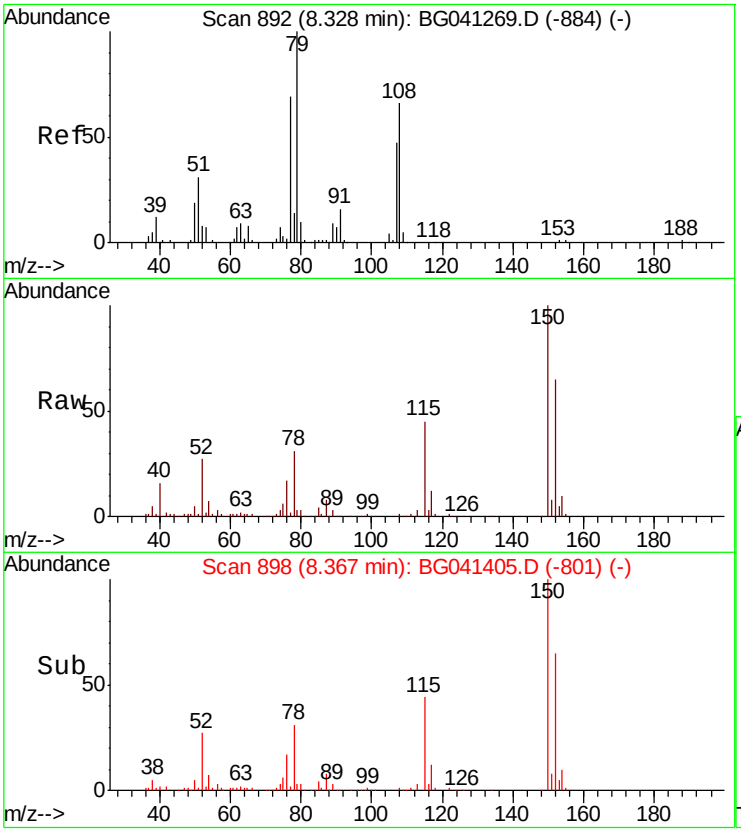


#7
Phenol-d6
Concen: 117.944 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion: 99 Resp: 223334

Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.9	29.9
71	46.0	36.4	54.6



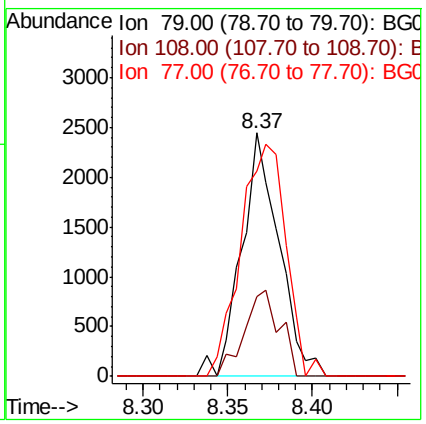


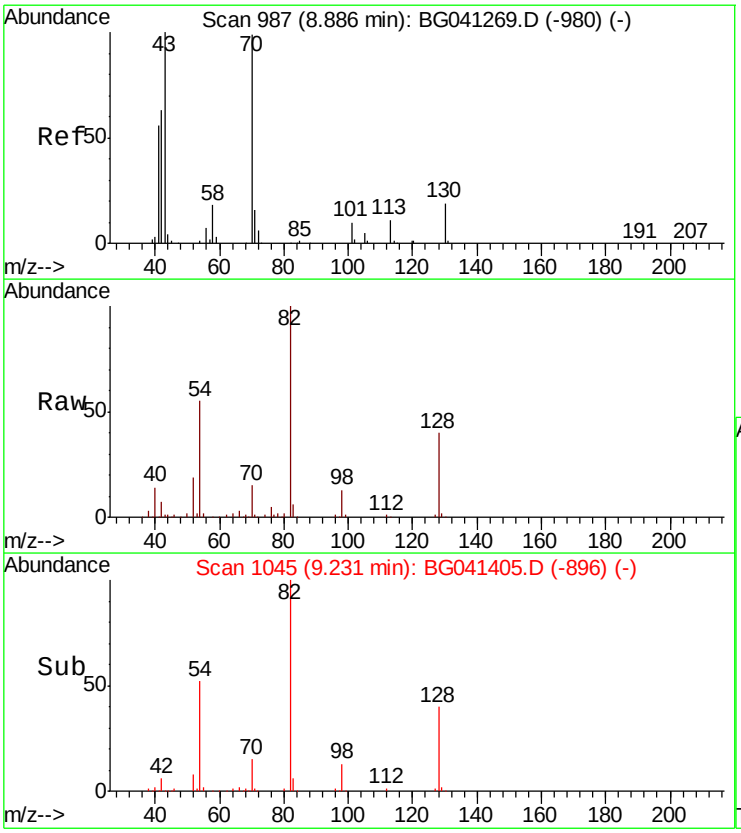
#15
Benzyl Alcohol
Concen: 2.082 ng
RT: 8.37 min Scan# 898
Delta R.T. 0.04 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion: 79 Resp: 3777

Ion	Ratio	Lower	Upper
79	100		
108	32.7	52.7	79.1#
77	84.0	55.2	82.8#

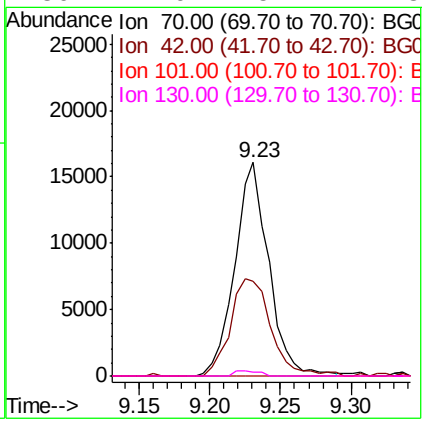


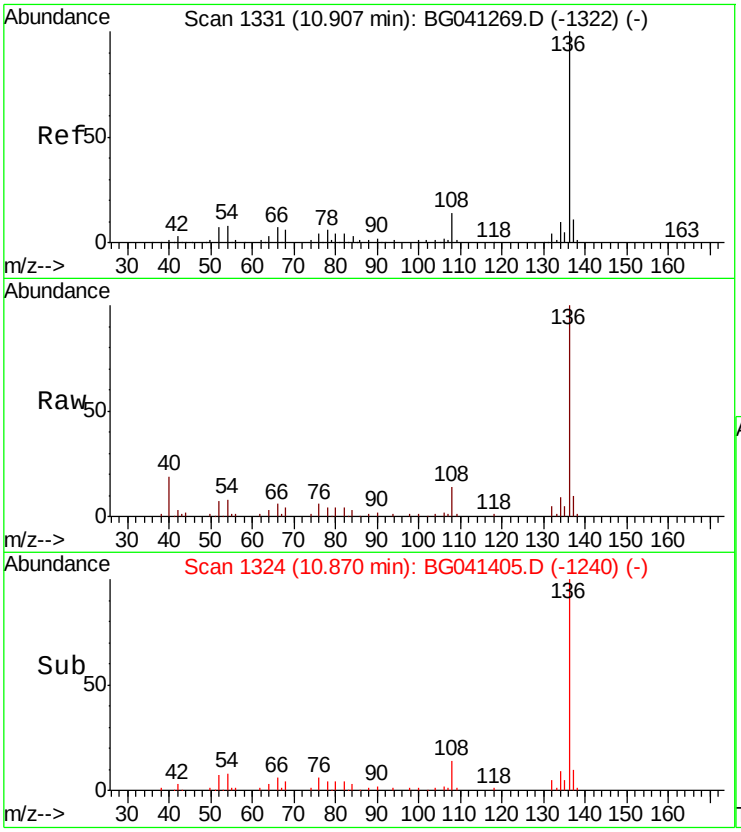


#19
n-Nitroso-di-n-propylamine
Concen: 17.648 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.34 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion: 70 Resp: 27028

Ion	Ratio	Lower	Upper
70	100		
42	44.3	51.4	77.2#
101	0.0	8.2	12.2#
130	2.0	15.2	22.8#



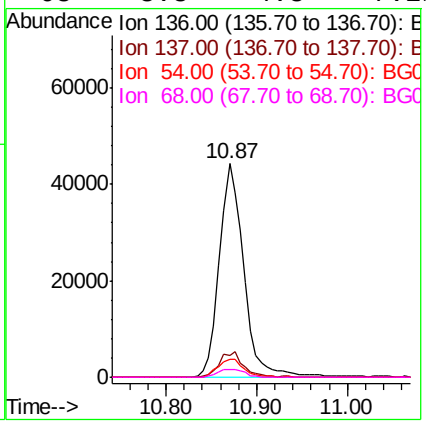


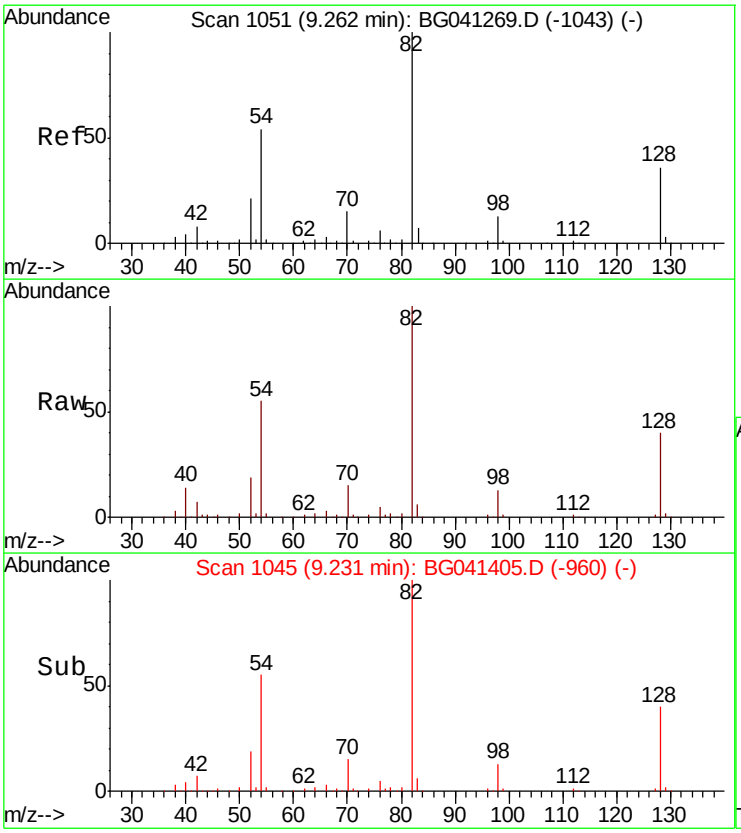
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion:136 Resp: 82793

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.4	6.4	9.6
68	3.8	4.8	7.2#

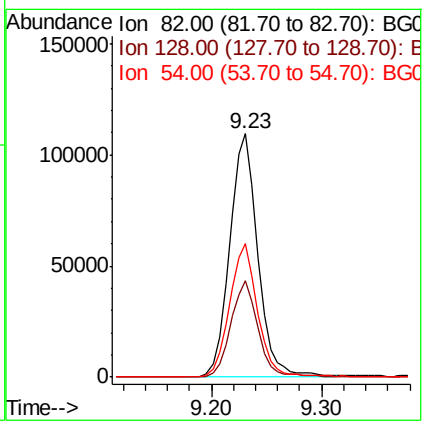


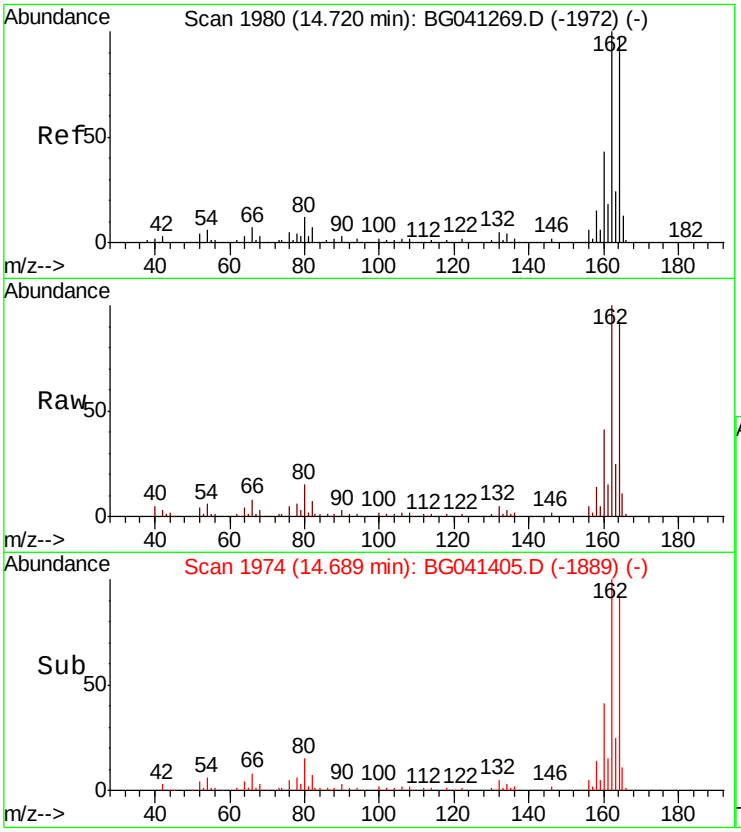


#23
Nitrobenzene-d5
Concen: 99.475 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion: 82 Resp: 195829

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.2	43.8
54	54.8	43.4	65.0



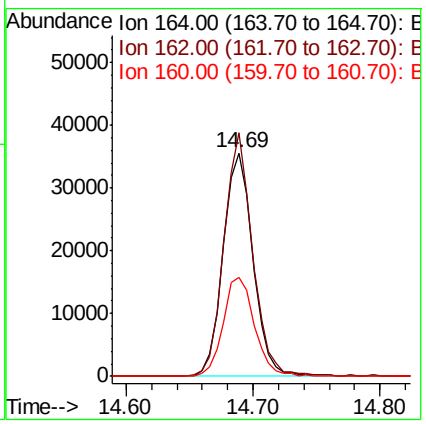


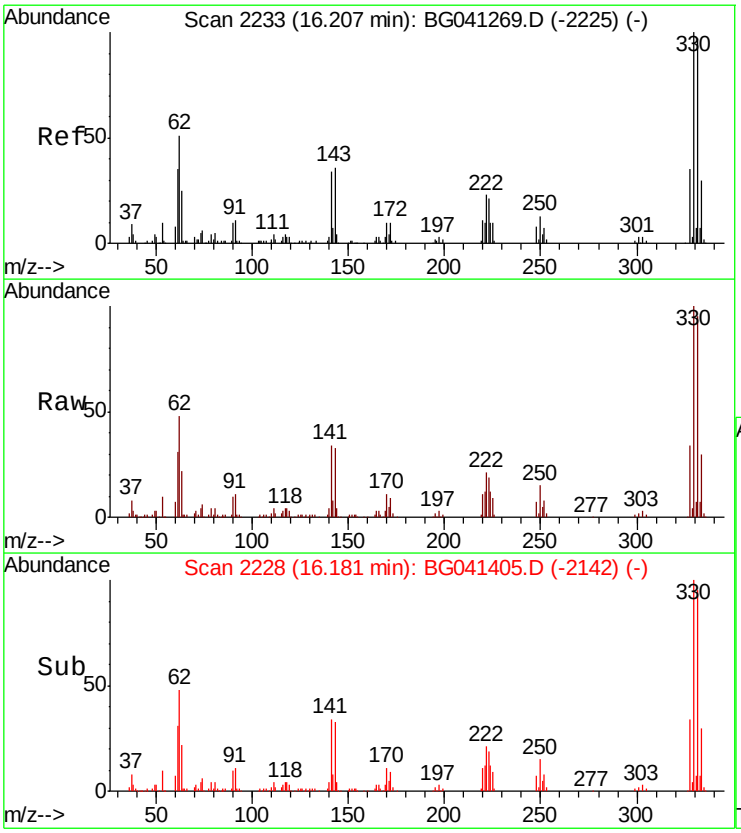
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion:164 Resp: 57968

Ion	Ratio	Lower	Upper
164	100		
162	108.9	82.8	124.2
160	44.1	35.8	53.8

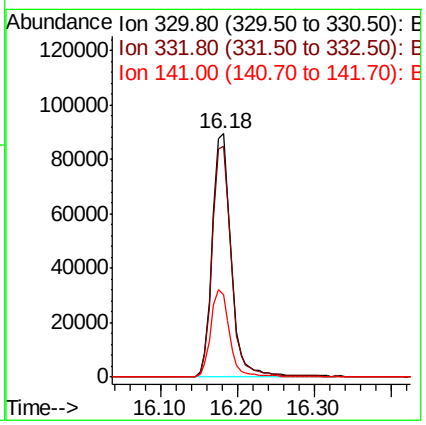


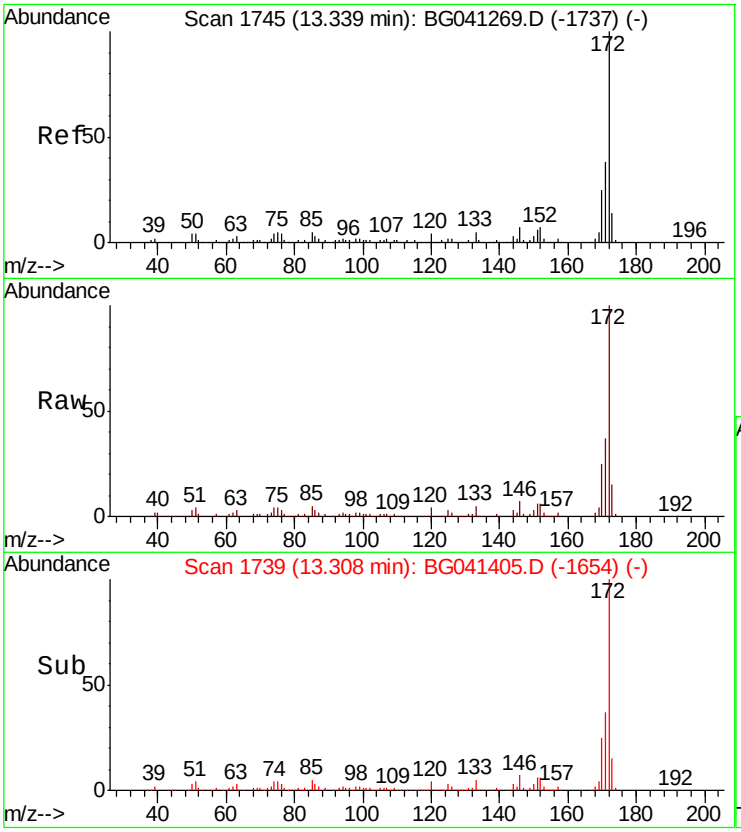


#42
2,4,6-Tribromophenol
Concen: 170.394 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion:330 Resp: 151640

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	35.7	29.0	43.4



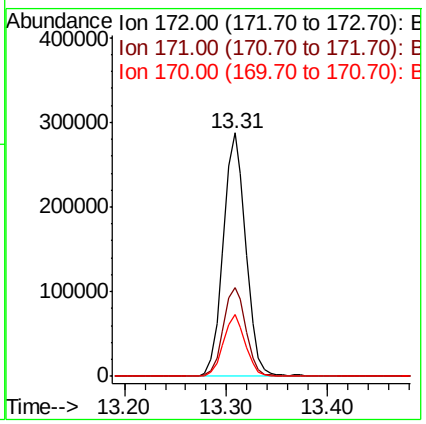


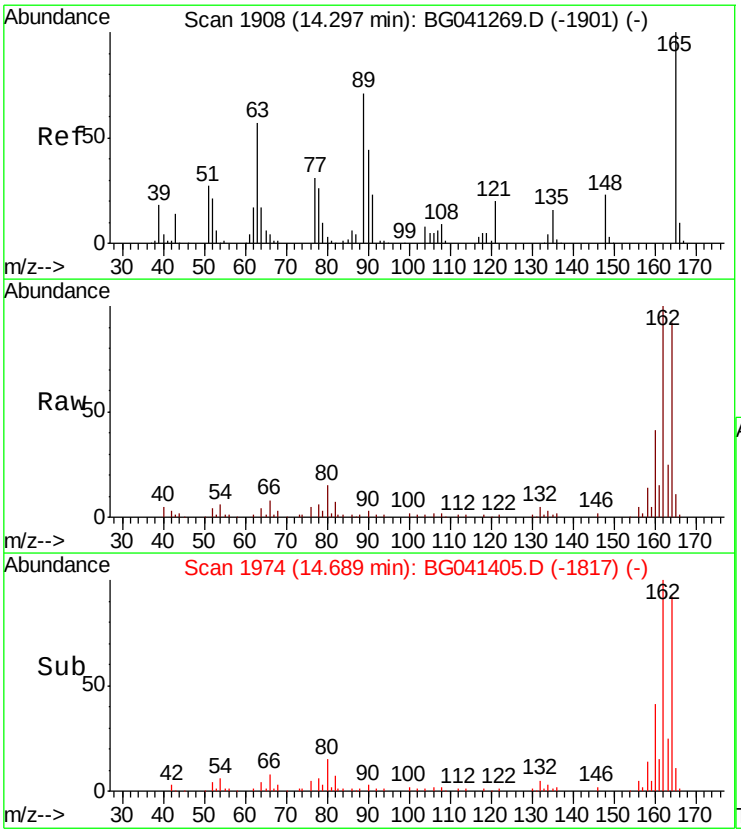
#45
2-Fluorobiphenyl
Concen: 104.082 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion:172 Resp: 443910

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	25.2	19.8	29.6

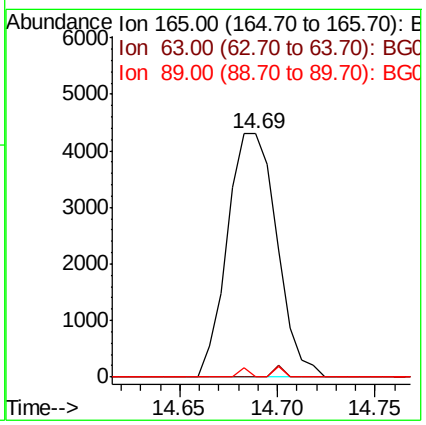


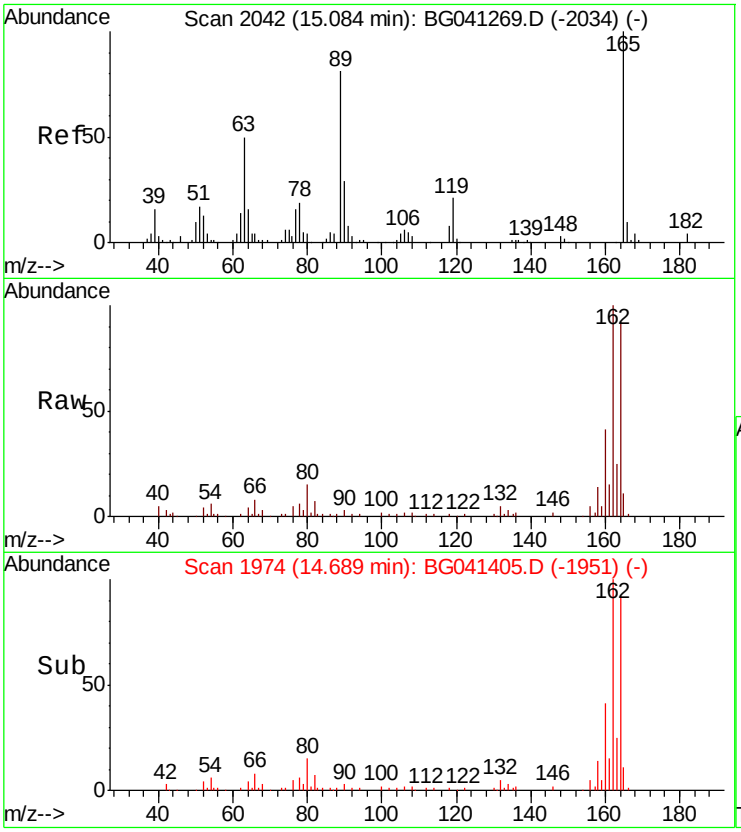


#51
2,6-Dinitrotoluene
Concen: 6.928 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.39 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion:165 Resp: 7534

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



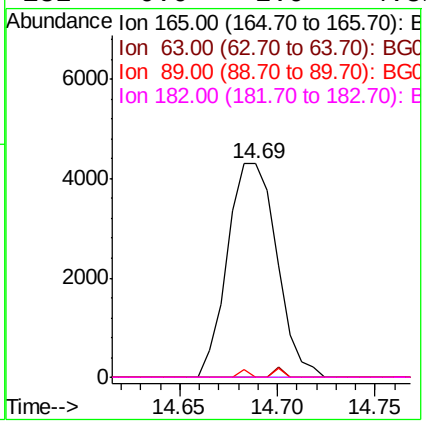


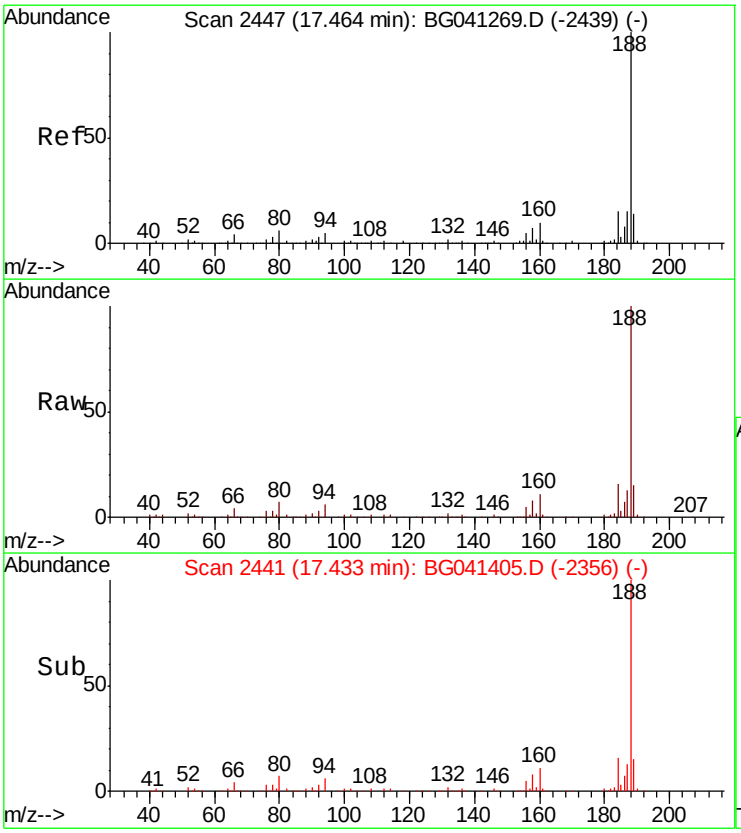
#57
2,4-Dinitrotoluene
Concen: 4.739 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.40 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion:165 Resp: 7534

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#

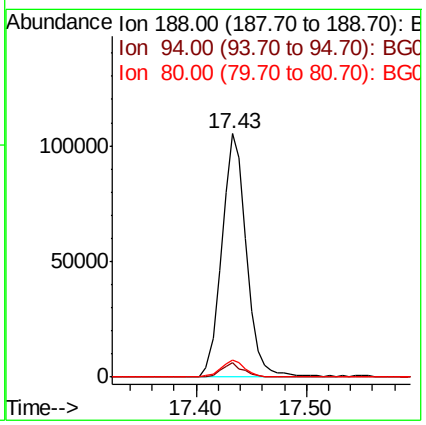


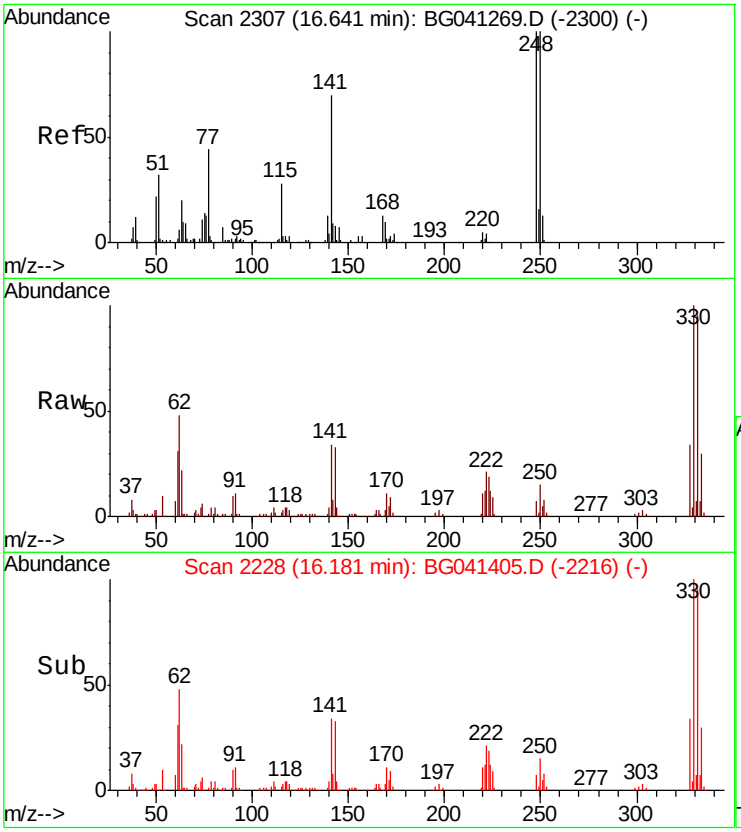


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion:188 Resp: 163610

Ion	Ratio	Lower	Upper
188	100		
94	5.9	3.6	5.4#
80	6.9	4.8	7.2



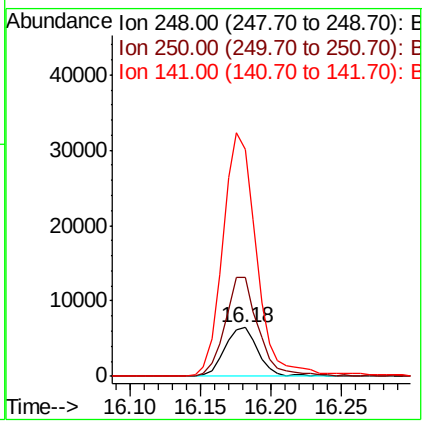


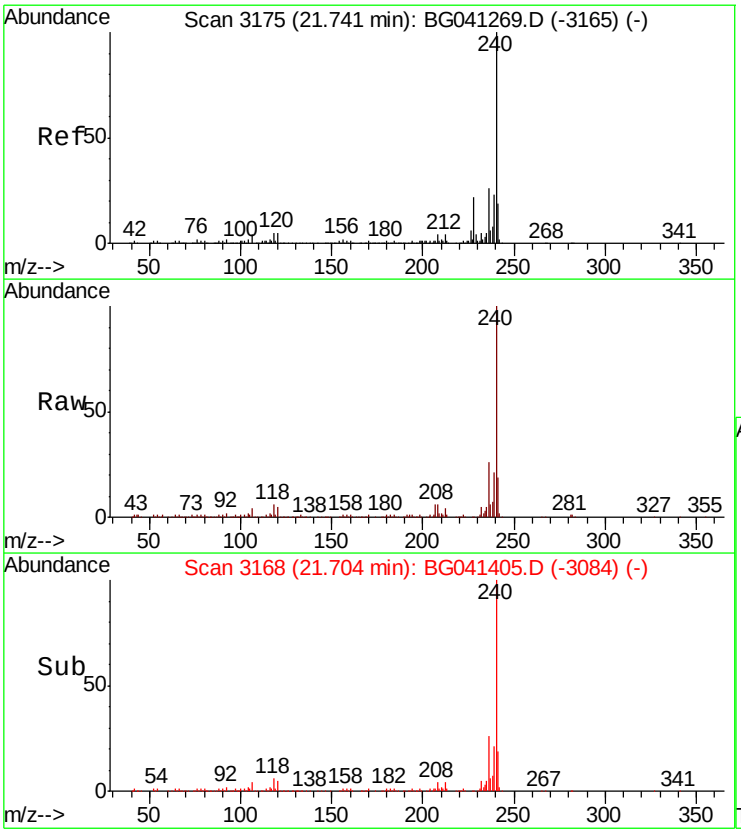
#67
4-Bromophenyl-phenylether
Concen: 5.033 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.46 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion:248 Resp: 10647

Ion	Ratio	Lower	Upper
248	100		
250	203.1	79.8	119.8#
141	467.5	55.8	83.6#

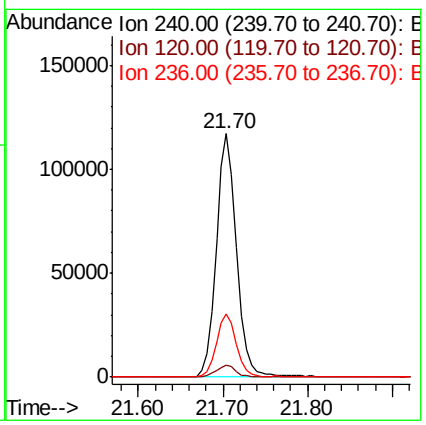


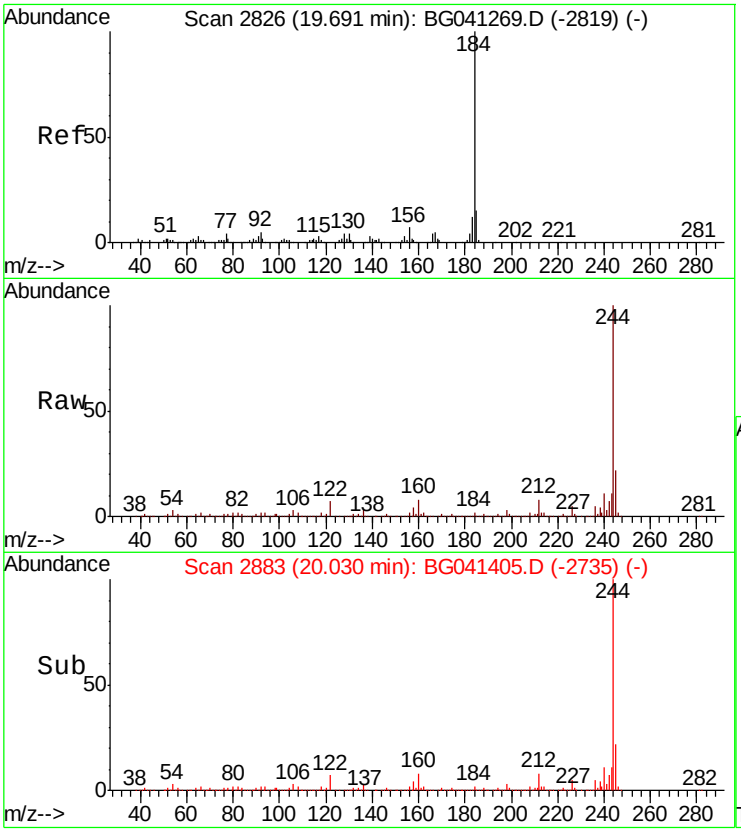


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion:240 Resp: 196090

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.7	5.5
236	26.1	21.1	31.7



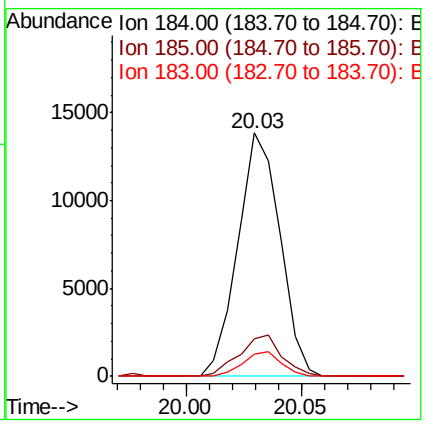


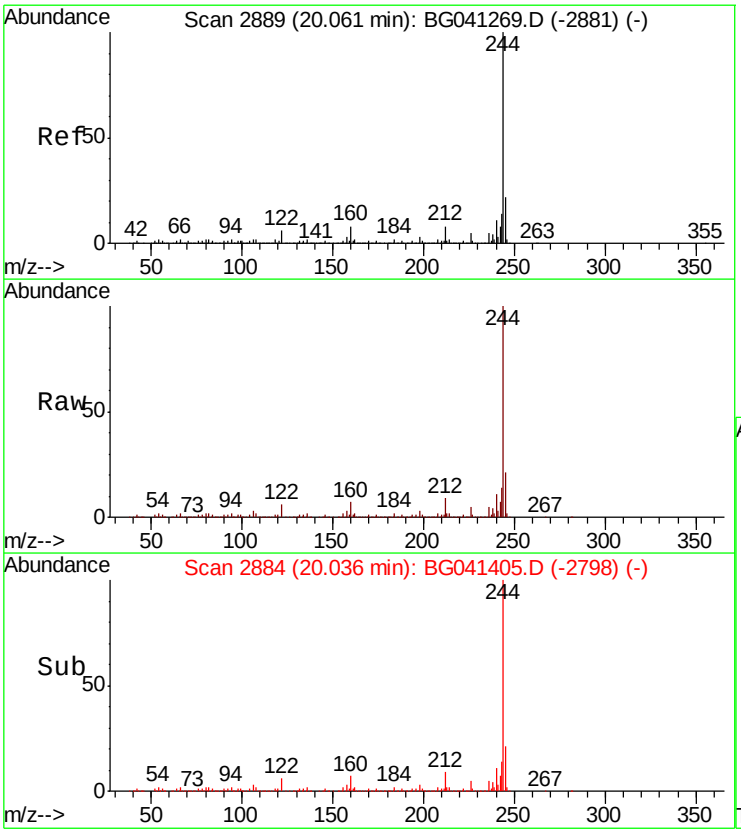
#77
Benzidine
Concen: 3.720 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.34 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion:184 Resp: 17645

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	9.0	9.6	14.4#

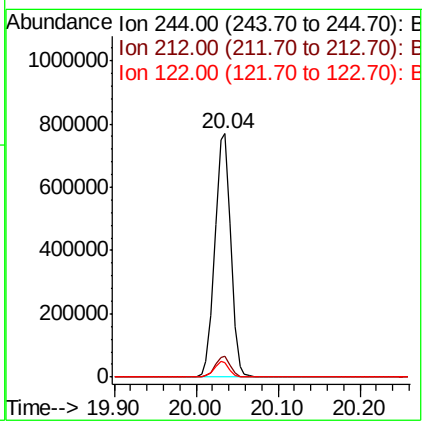


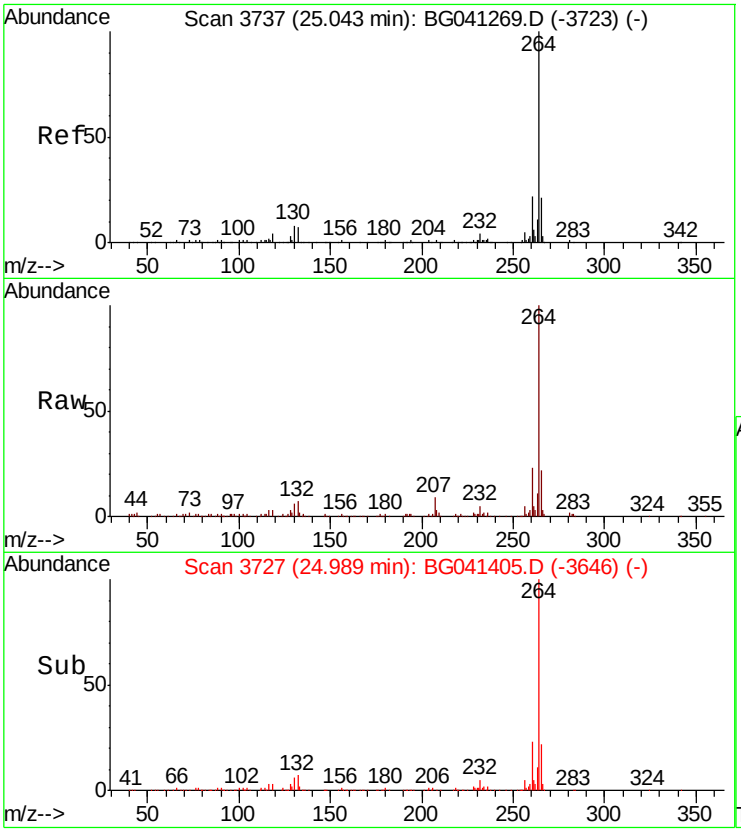


#79
Terphenyl-d14
Concen: 105.788 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Tgt Ion:244 Resp: 1046727

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	6.2	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.05 min
Lab File: BG041405.D
Acq: 22 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion:264 Resp: 207523

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.2
265	22.5	17.2	25.8