Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
Data File : BG042651.D
Acq On : 1 Sep 2019 3:25
Operator : HP/JU
Sample : K4544-39
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 01 05:13:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35152	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	130087	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	94495	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	227668	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	255750	20.00	ng	-0.01
87) Perylene-d12	24.92	264	295253	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	232418	133.91	ng	0.00
7) Phenol-d6	7.16	99	276809	118.07	ng	-0.01
23) Nitrobenzene-d5	9.16	82	193207	102.63	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	205062	152.68	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	615523	110.17	ng	0.00
79) Terphenyl-d14	20.02	244	1243083	105.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	14324	19.776	ng	# 1
19) n-Nitroso-di-n-propylamine	9.16	70	25845	17.016	ng	# 75
51) 2,6-Dinitrotoluene	14.66	165	12369	7.827	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	12369	5.466	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13958	4.833	ng	# 1
77) Benzidine	20.02	184	15694	2.140	ng	# 92

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

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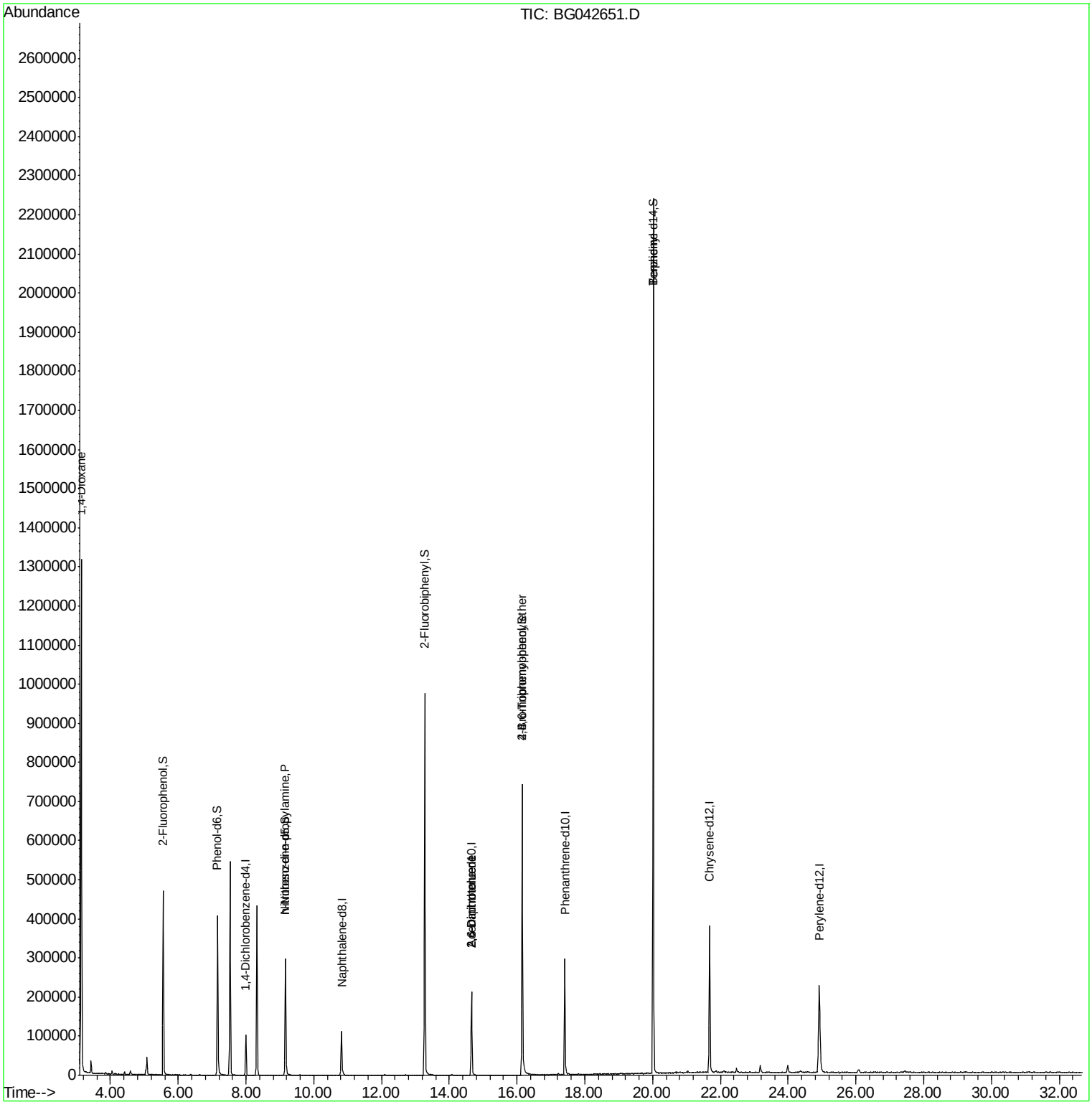
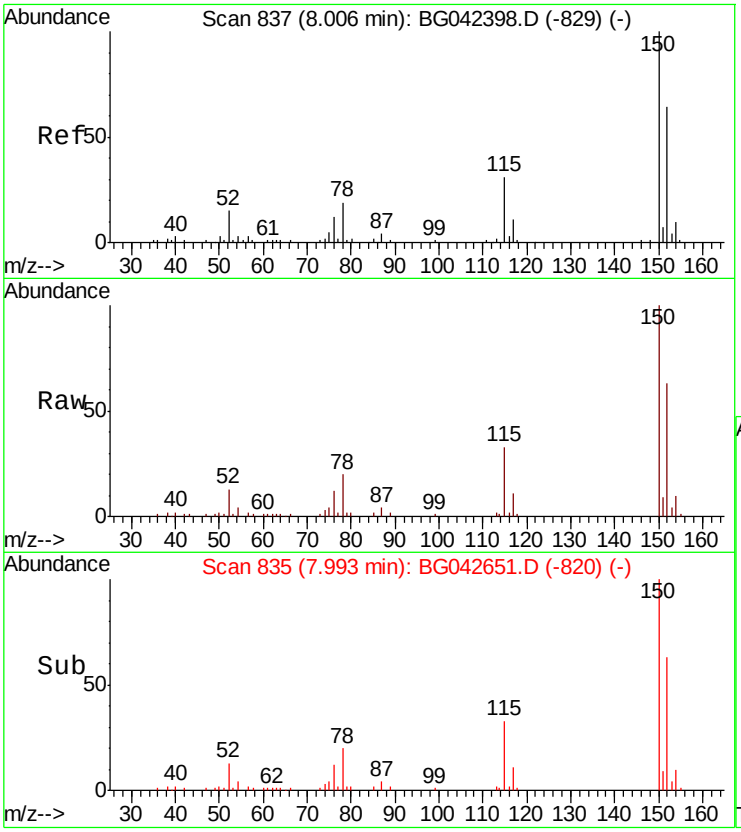


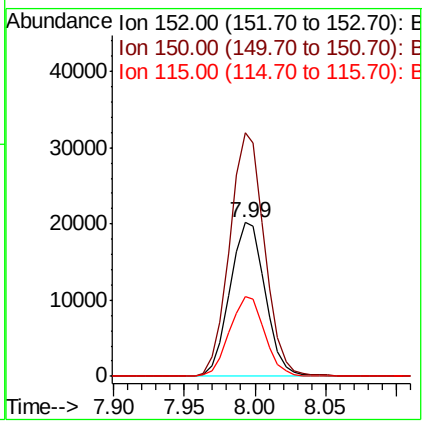


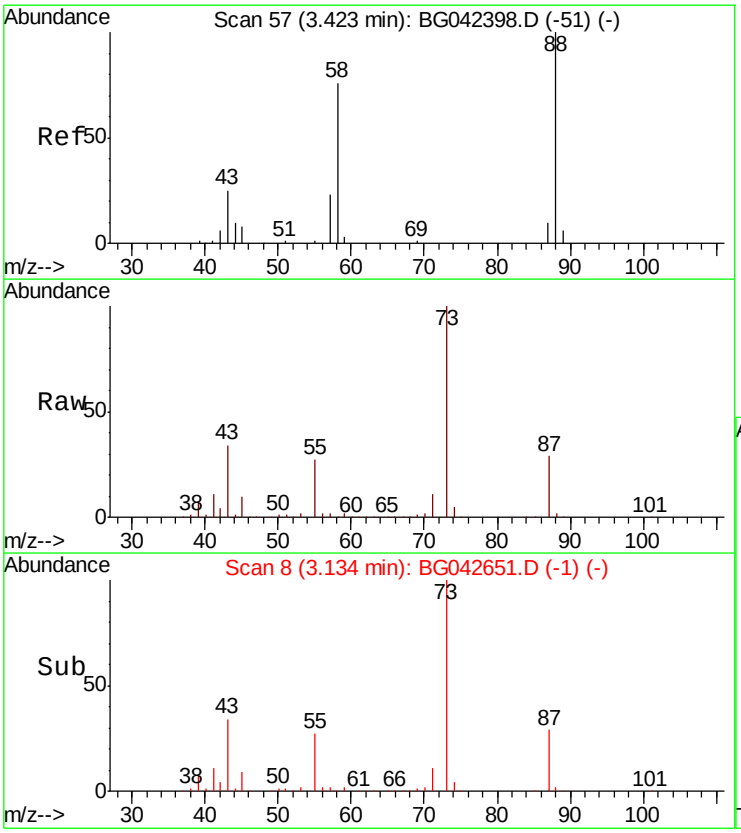
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35152

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.4	188.0
115	51.7	38.5	57.7

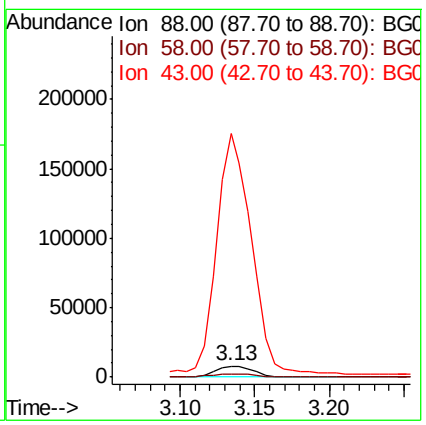


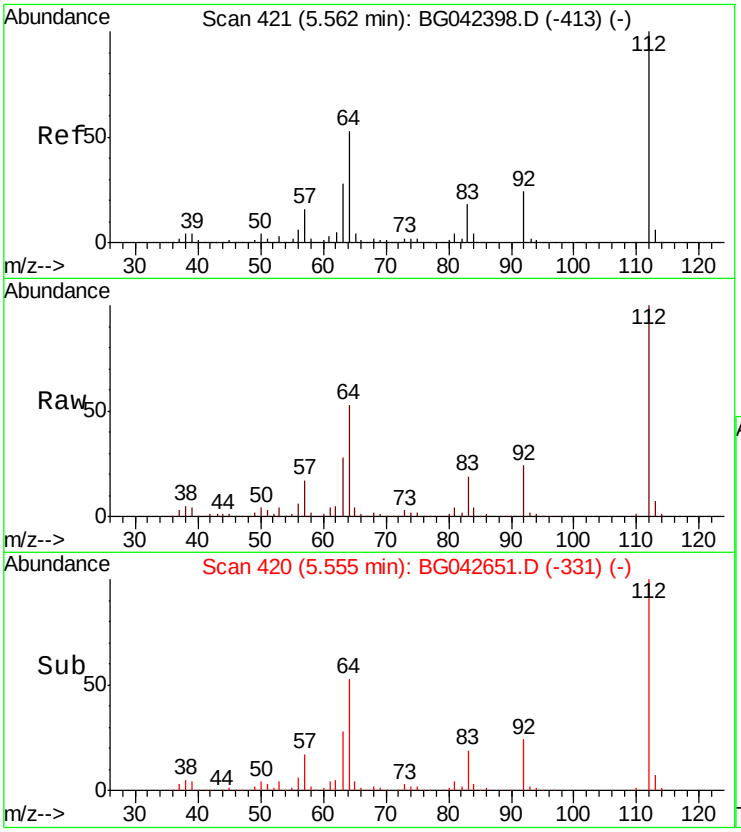


#2
1,4-Dioxane
Concen: 19.776 ng
RT: 3.13 min Scan# 8
Delta R.T. -0.29 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Tgt Ion: 88 Resp: 14324

Ion	Ratio	Lower	Upper
88	100		
58	26.3	58.3	87.5#
43	1953.0	20.2	30.2#



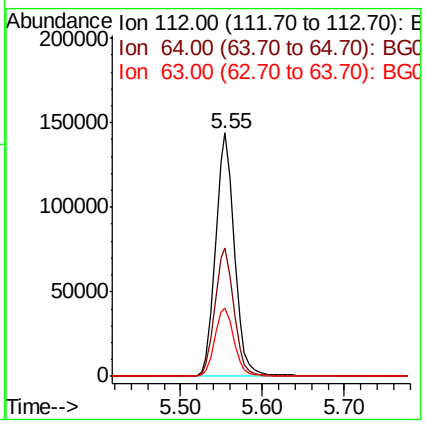


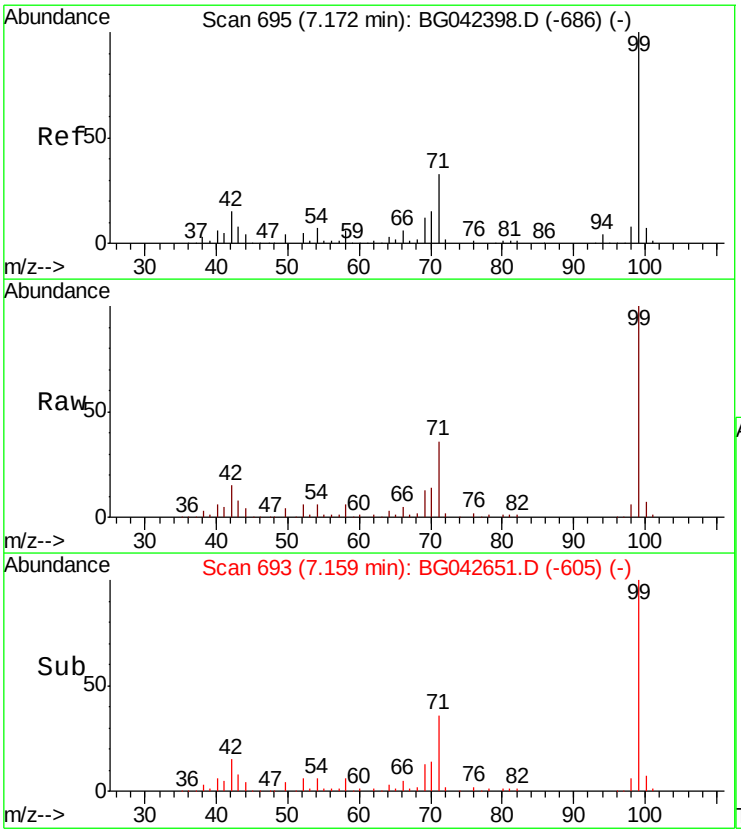
#5
2-Fluorophenol
Concen: 133.908 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 232418

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.8	64.2
63	28.2	22.7	34.1

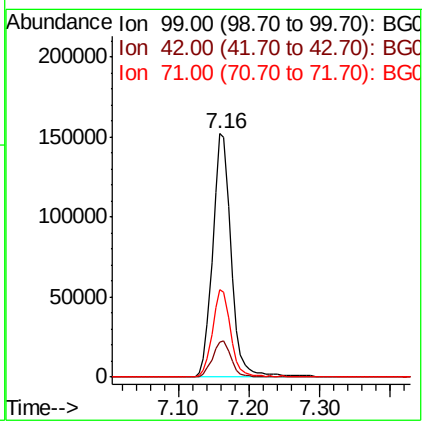


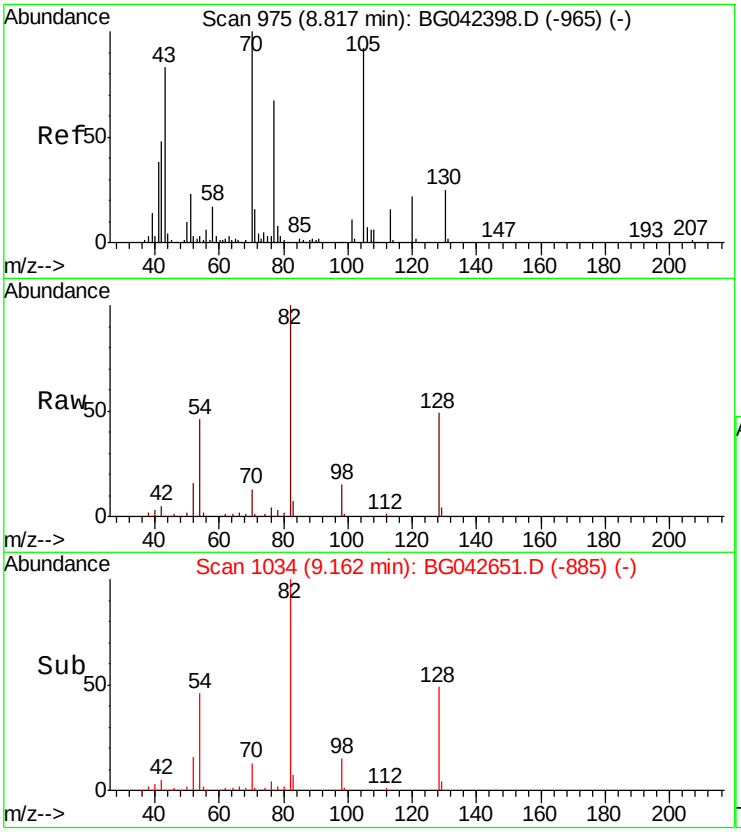


#7
Phenol-d6
Concen: 118.069 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Tgt Ion: 99 Resp: 276809

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.0	18.0
71	35.7	26.3	39.5



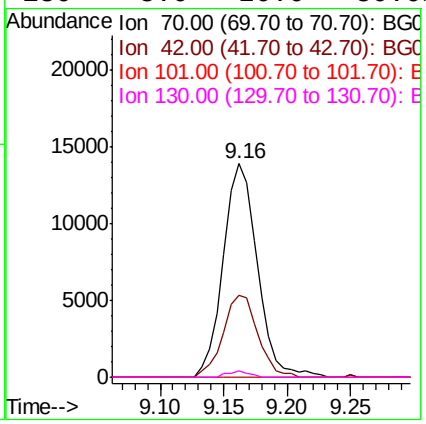


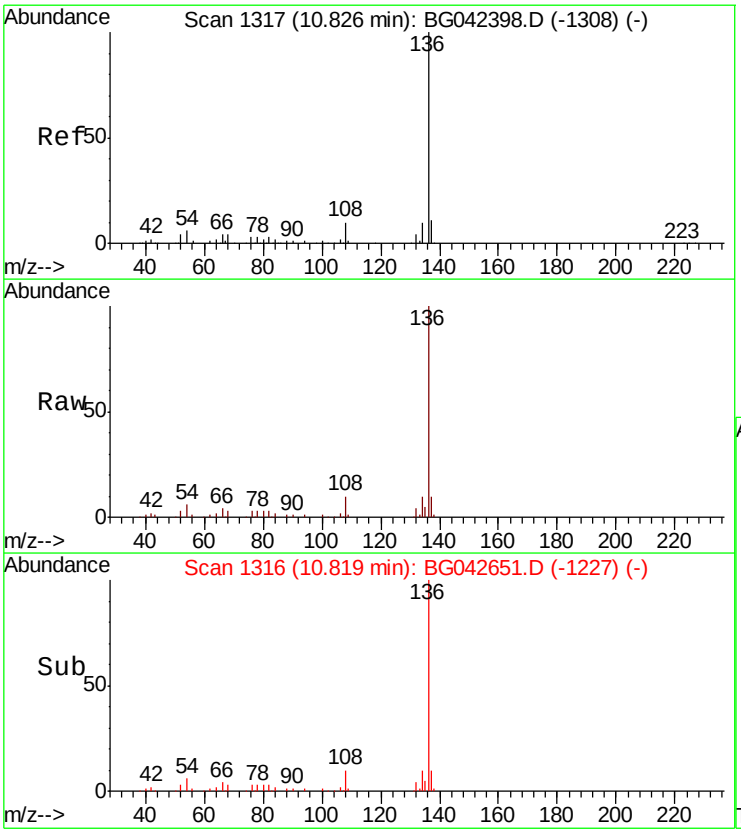
#19
n-Nitroso-di-n-propylamine
Concen: 17.016 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 25845

Ion	Ratio	Lower	Upper
70	100		
42	38.7	38.8	58.2#
101	0.0	9.0	13.6#
130	3.0	20.0	30.0#

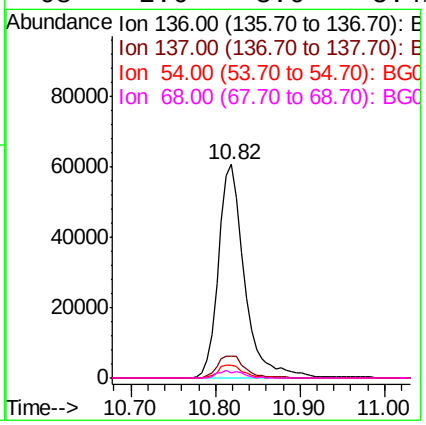


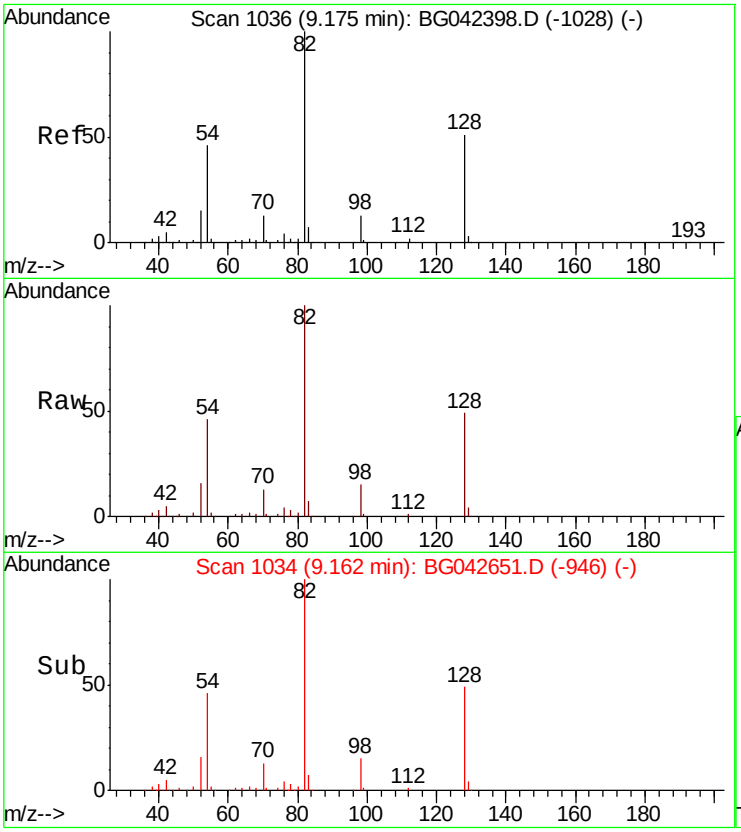


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Tgt Ion:136 Resp: 130087

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	6.3	4.9	7.3
68	2.6	3.6	5.4#



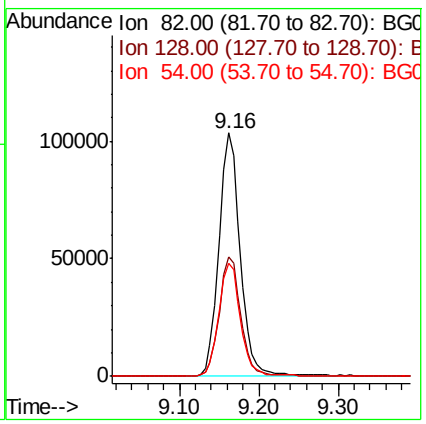


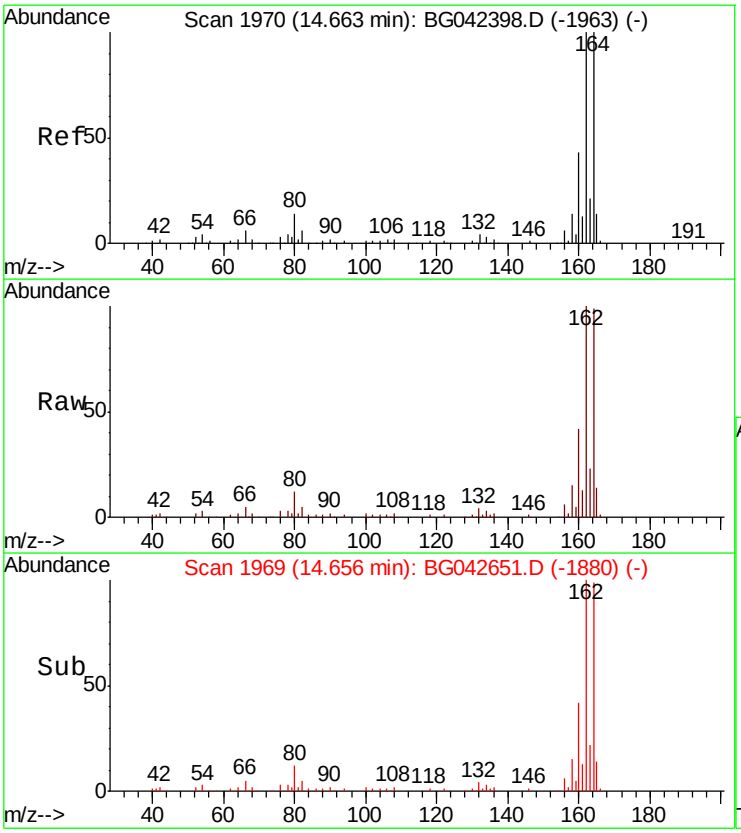
#23
Nitrobenzene-d5
Concen: 102.634 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 193207

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.7	61.1
54	46.2	36.3	54.5

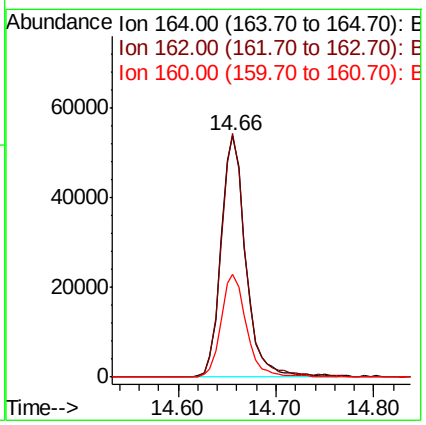


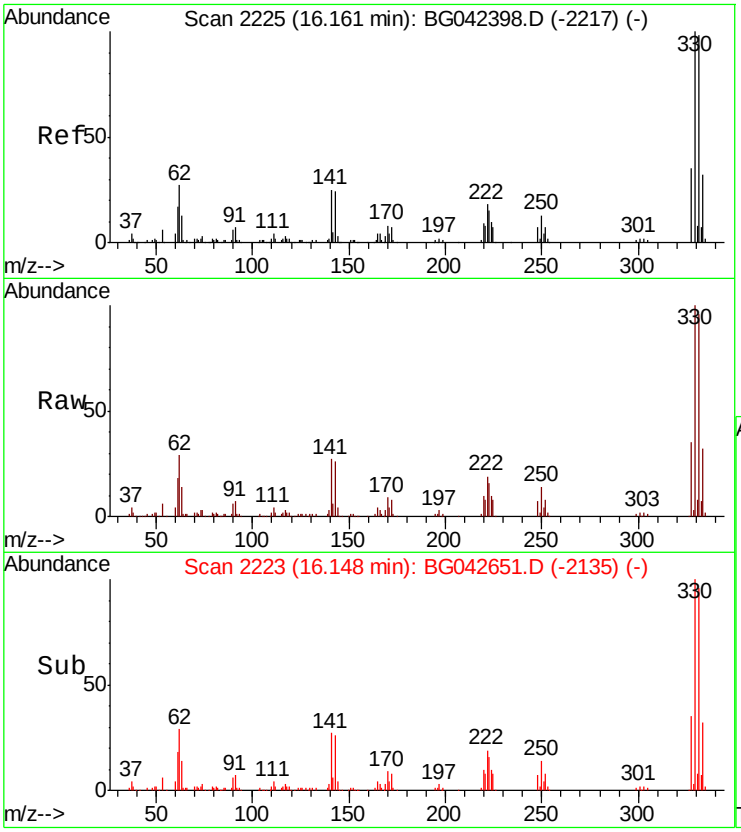


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Tgt Ion:164 Resp: 94495

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.9	119.9
160	42.5	34.3	51.5



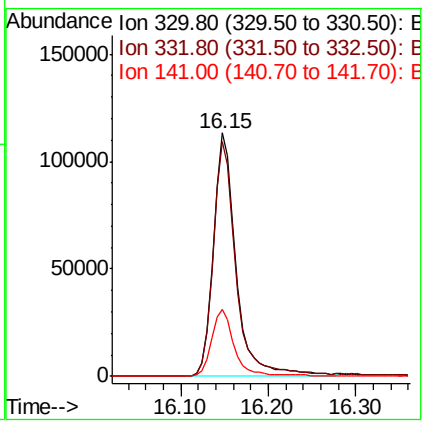


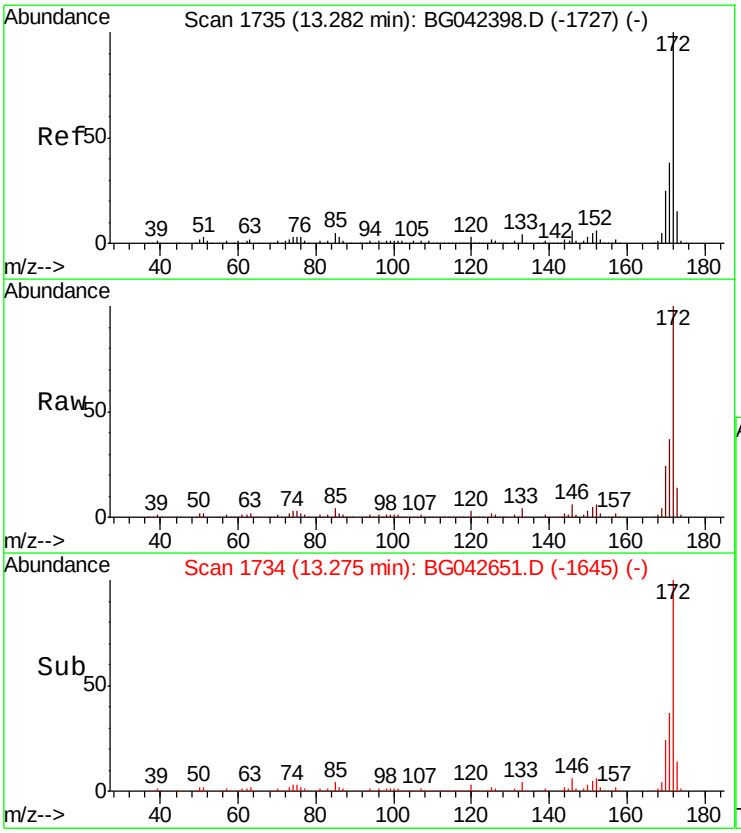
#42
2,4,6-Tribromophenol
Concen: 152.679 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 205062

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.4	116.0
141	27.8	21.4	32.0

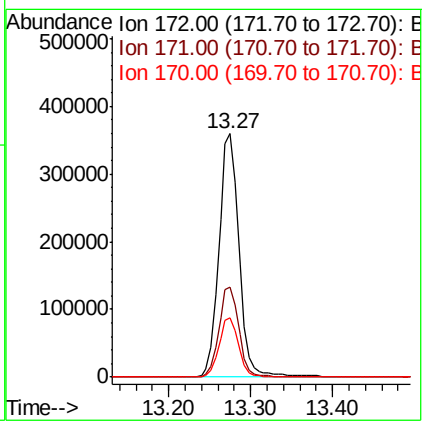


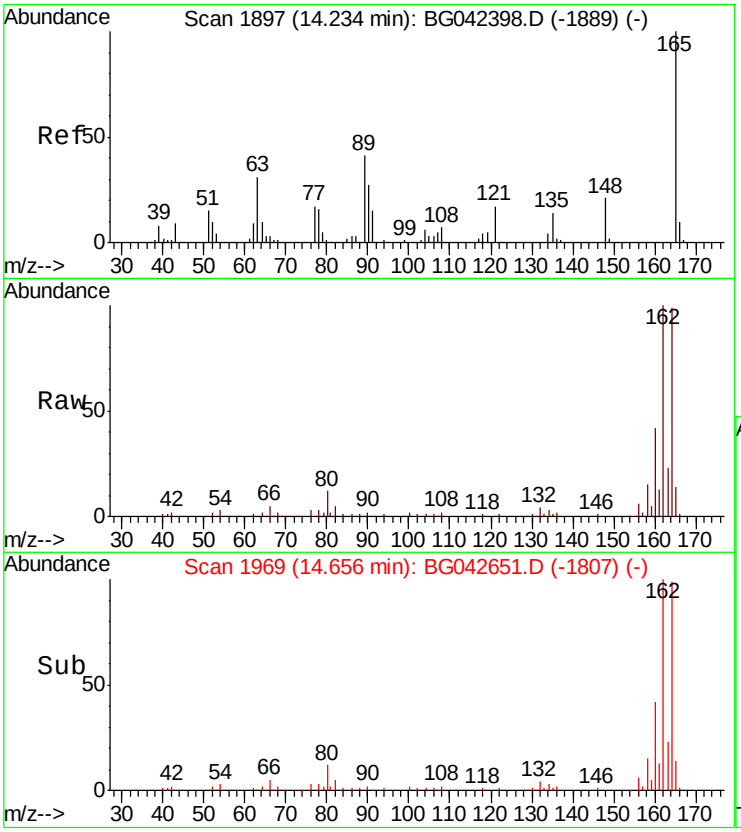


#45
2-Fluorobiphenyl
Concen: 110.167 ng
RT: 13.27 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Tgt Ion:172 Resp: 615523

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.1	20.2	30.2



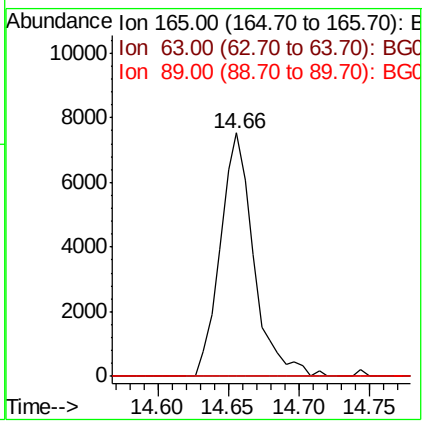


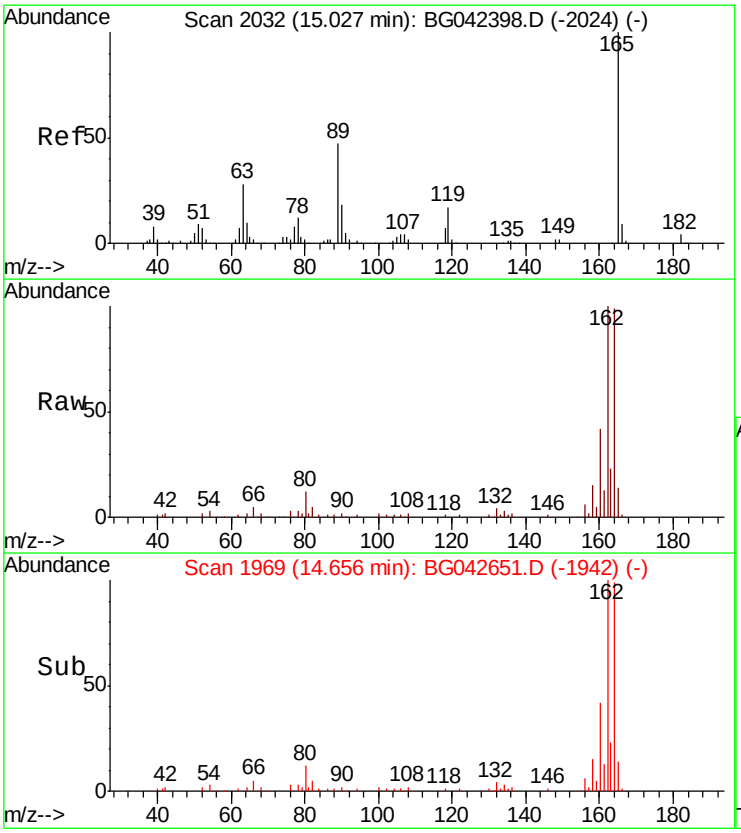
#51
2,6-Dinitrotoluene
Concen: 7.827 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.42 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12369

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#

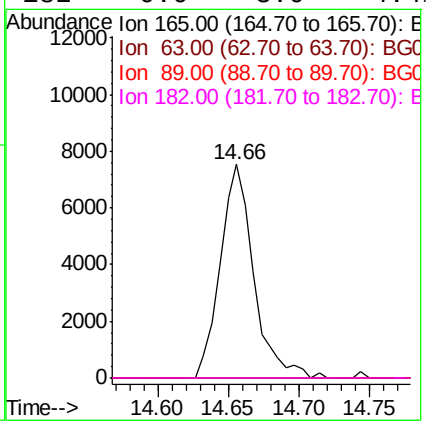


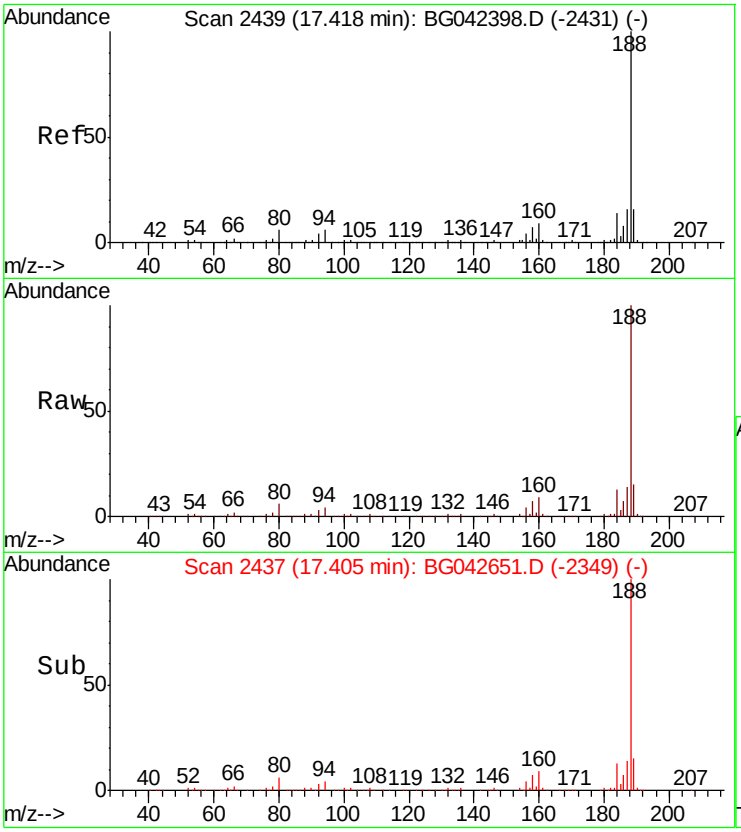


#57
2,4-Dinitrotoluene
Concen: 5.466 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Tgt Ion:165 Resp: 12369

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



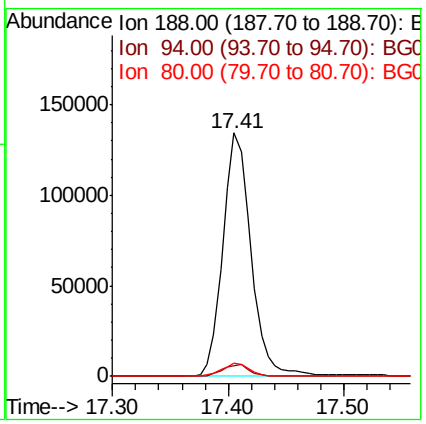


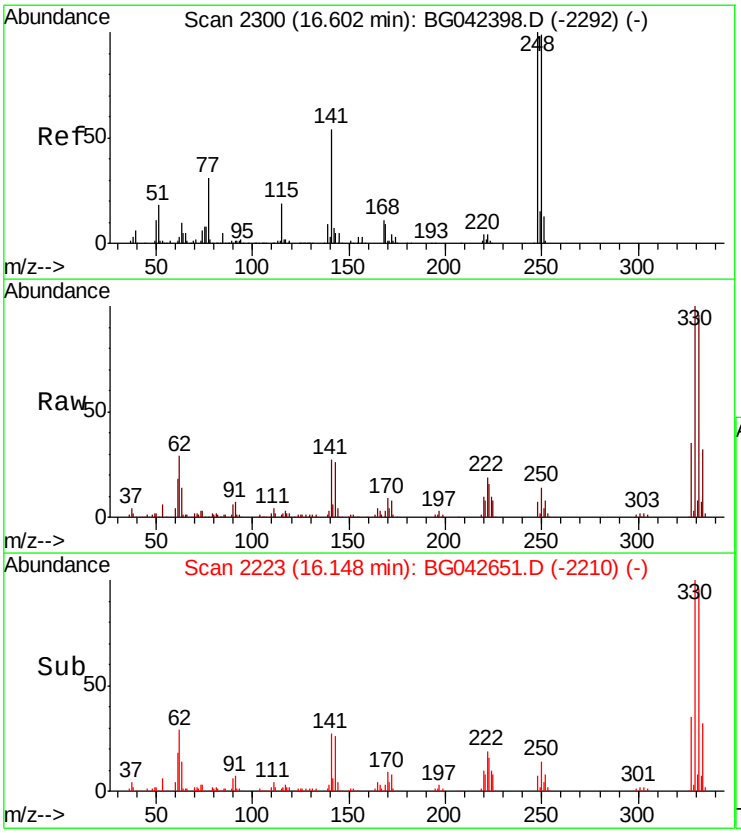
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 227668

Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.5	6.7
80	5.5	4.9	7.3

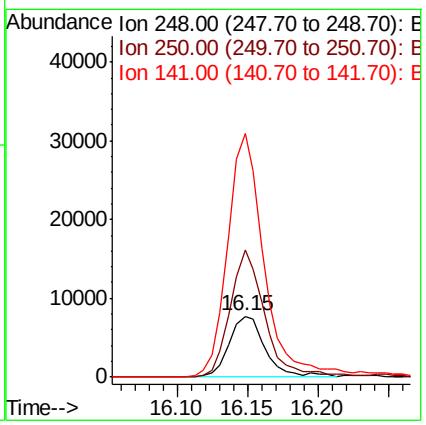


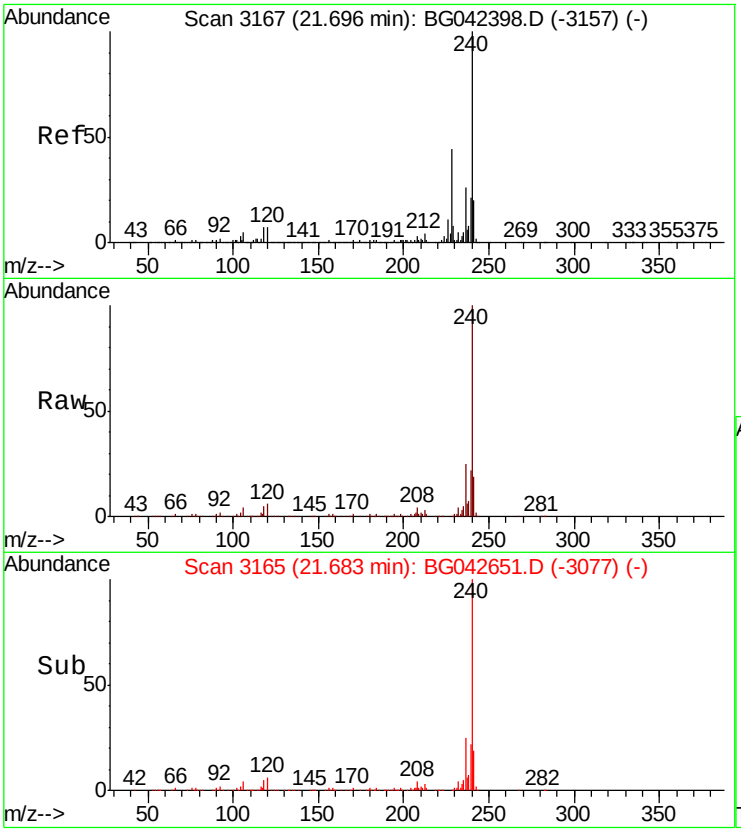


#67
4-Bromophenyl-phenylether
Concen: 4.833 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Tgt Ion:248 Resp: 13958

Ion	Ratio	Lower	Upper
248	100		
250	208.4	78.9	118.3#
141	398.6	43.3	64.9#



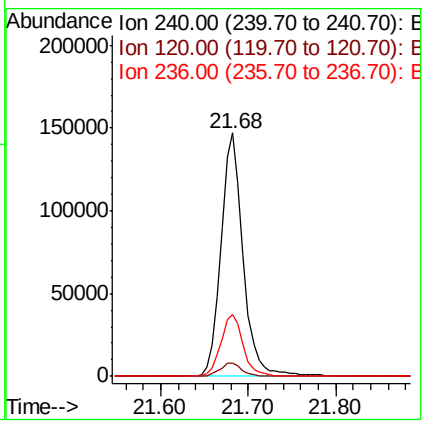


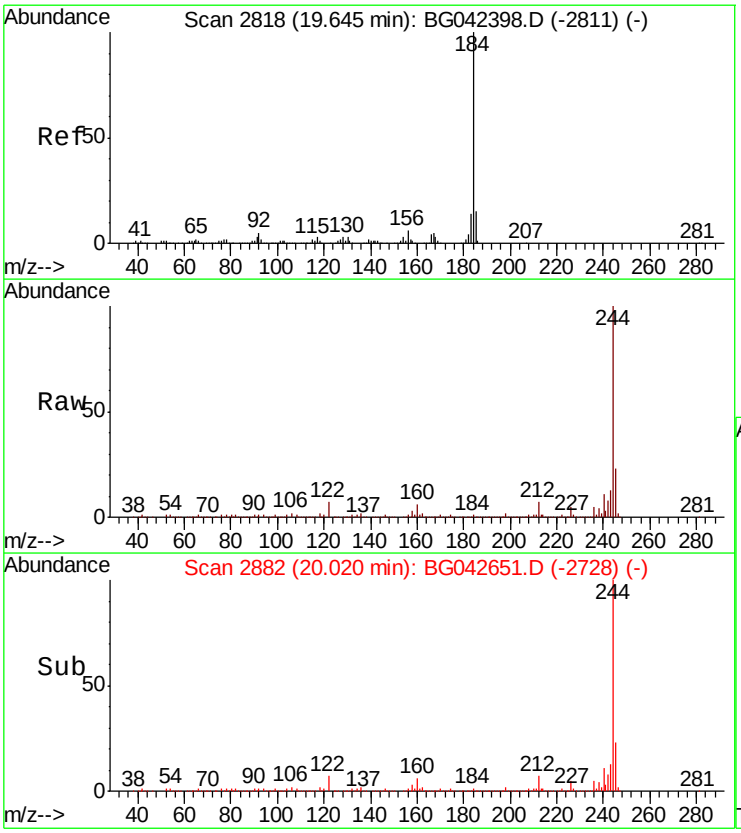
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 255750

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	25.5	21.0	31.4

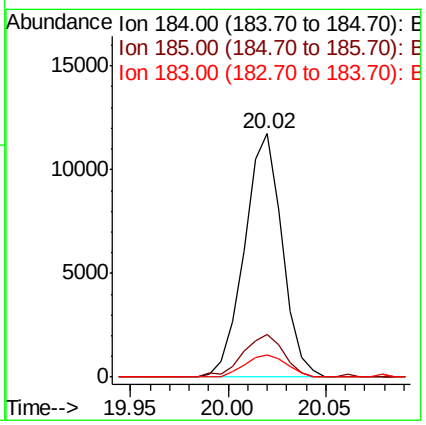


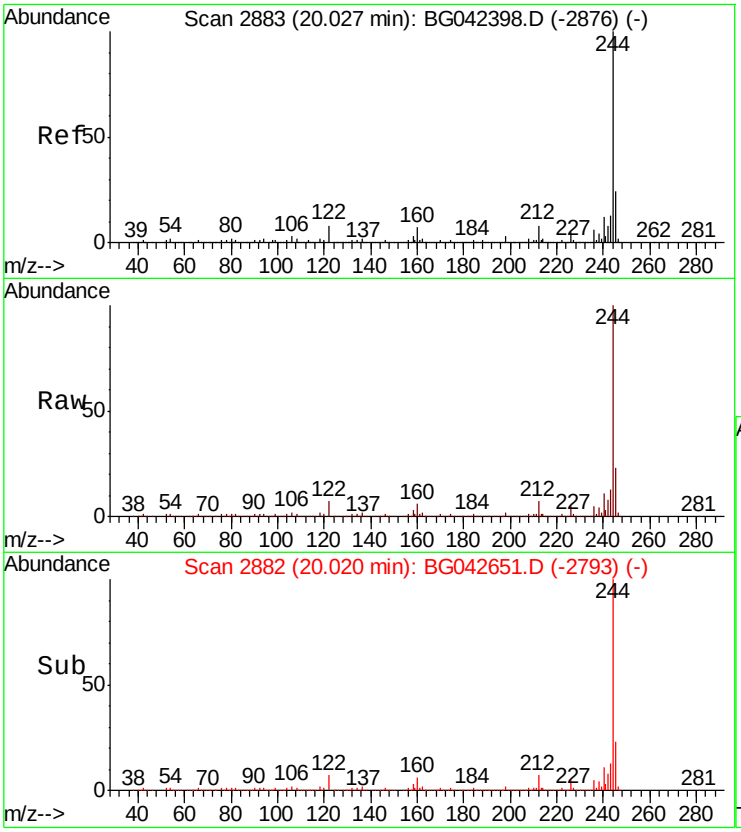


#77
Benzidine
Concen: 2.140 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.37 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Tgt Ion:184 Resp: 15694

Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.2	18.4
183	9.0	10.8	16.2#



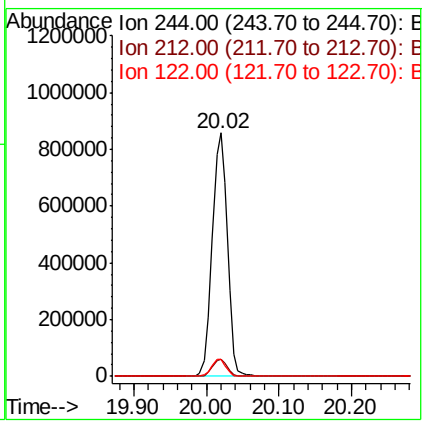


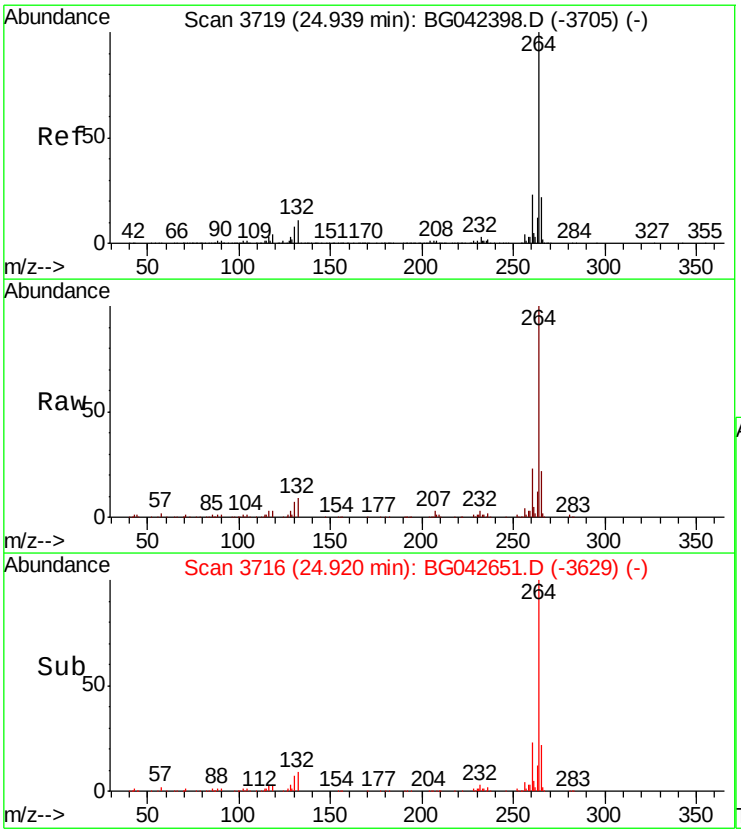
#79
Terphenyl-d14
Concen: 105.081 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1243083

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	6.8	6.7	10.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Tgt Ion:264 Resp: 295253

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.0	17.6	26.4