Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042463.D
Acq On : 24 Aug 2019 12:09
Operator : HP/JU
Sample : K4475-23
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 26 05:00:45 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	8.00	152	73417	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	286751	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	194386	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	404281	20.00	ng		0.00
76) Chrysene-d12	21.69	240	401380	20.00	ng		0.00
87) Perylene-d12	24.93	264	461626	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	480860	132.65	ng		0.00
7) Phenol-d6	7.16	99	606942	123.95	ng		0.00
23) Nitrobenzene-d5	9.17	82	424080	102.20	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	328386	118.86	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1175331	102.26	ng		0.00
79) Terphenyl-d14	20.03	244	1740599	93.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	26833	17.737	ng	#	1
19) n-Nitroso-di-n-propylamine	9.17	70	53634	16.907	ng	#	75
50) Dimethylphthalate	14.12	163	40815	2.910	ng		98
51) 2,6-Dinitrotoluene	14.66	165	25819	7.942	ng	#	36
57) 2,4-Dinitrotoluene	14.66	165	25819	5.546	ng	#	39
67) 4-Bromophenyl-phenylether	16.15	248	23093	4.503	ng	#	1
77) Benzidine	20.03	184	24968	2.170	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
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Acq On : 24 Aug 2019 12:09
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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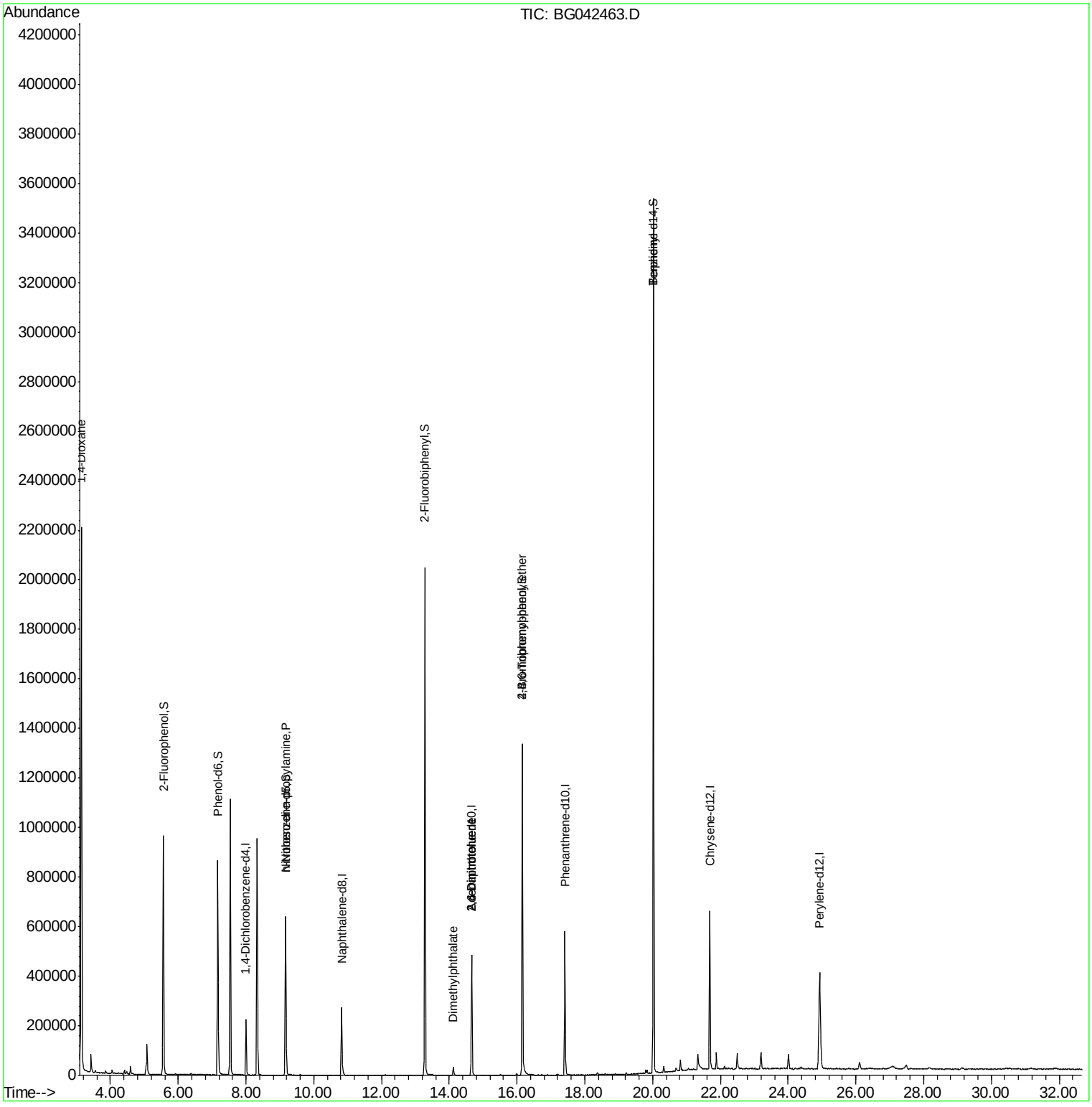
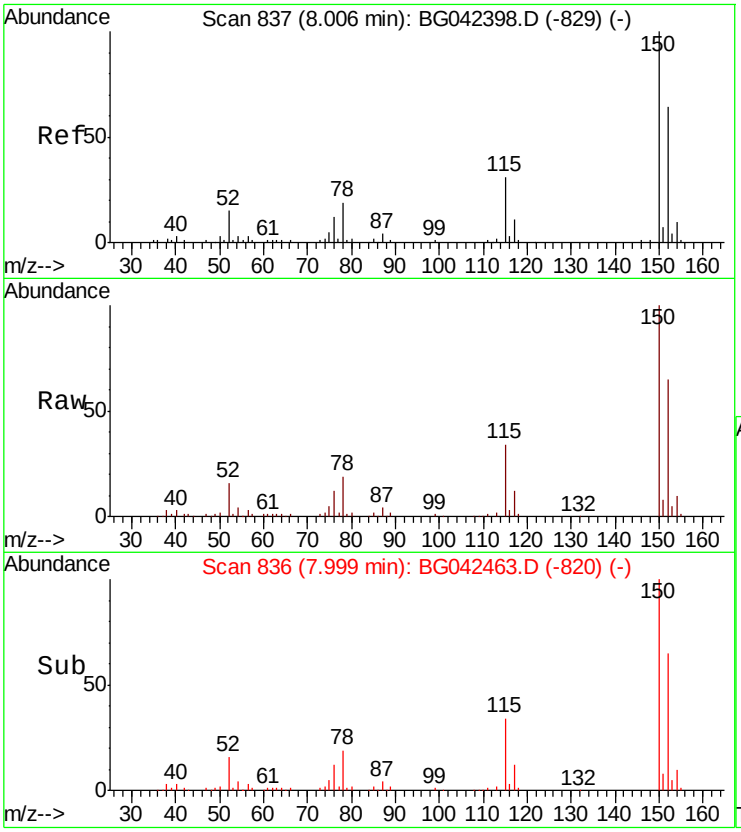


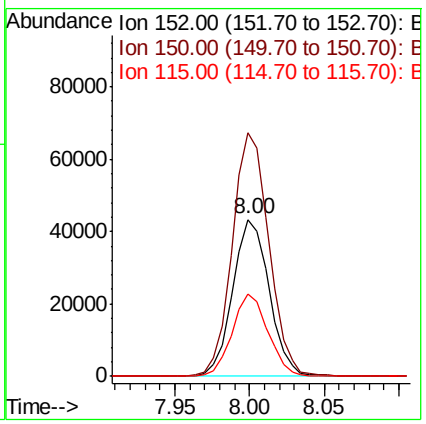


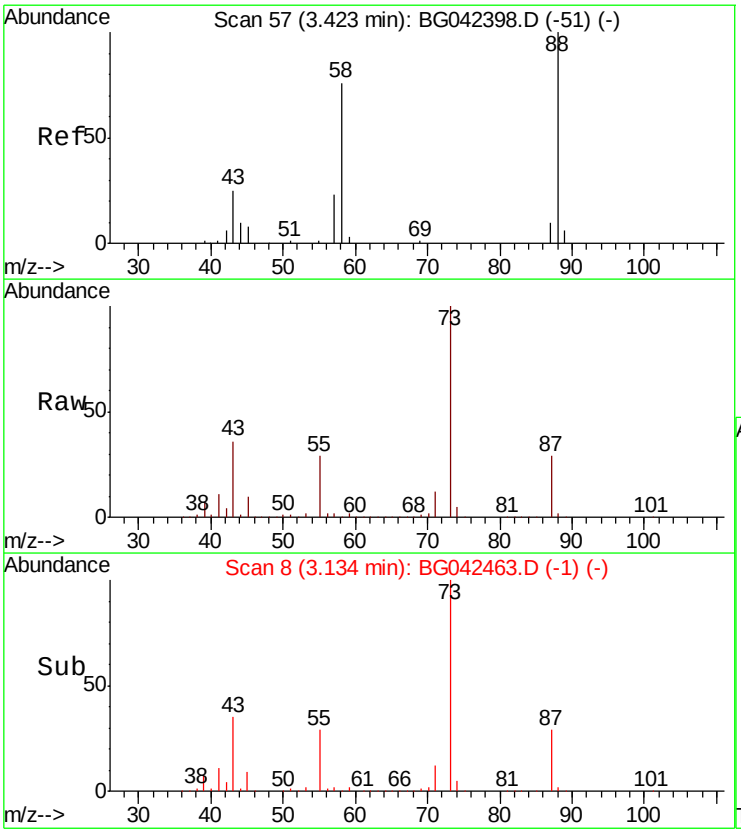
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 73417

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.4	188.0
115	52.6	38.5	57.7

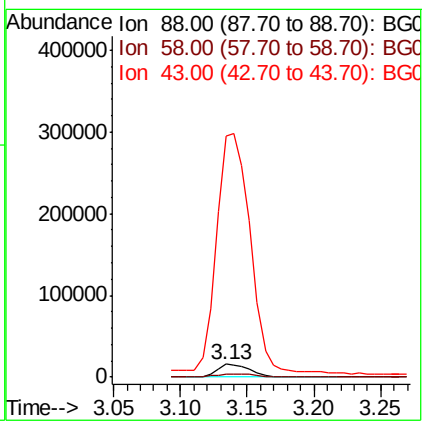


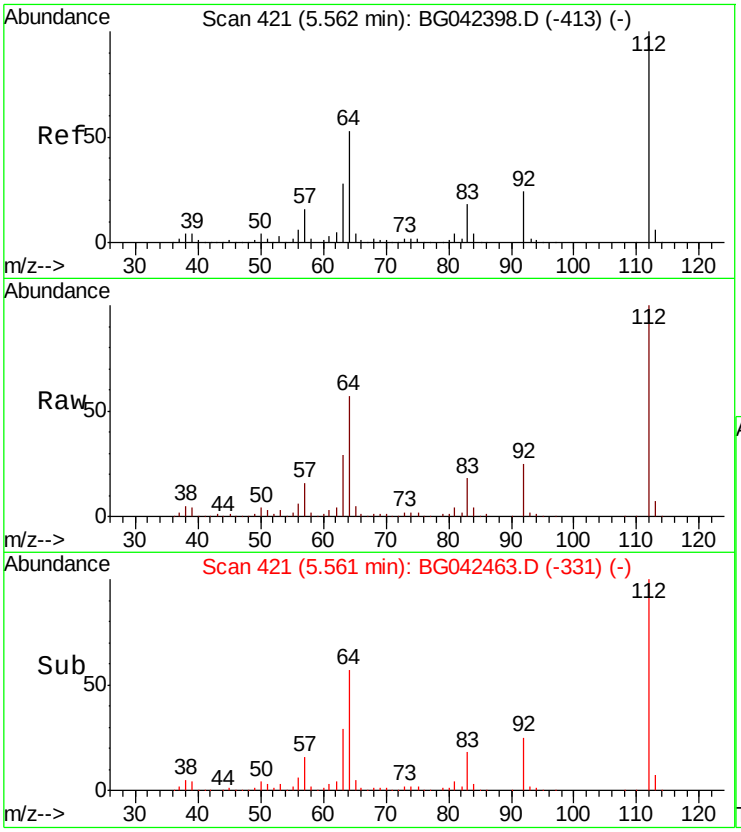


#2
1,4-Dioxane
Concen: 17.737 ng
RT: 3.13 min Scan# 8
Delta R.T. -0.29 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Tgt Ion: 88 Resp: 26833

Ion	Ratio	Lower	Upper
88	100		
58	23.7	58.3	87.5#
43	1943.3	20.2	30.2#



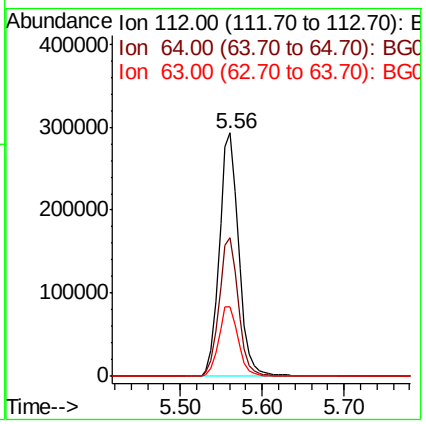


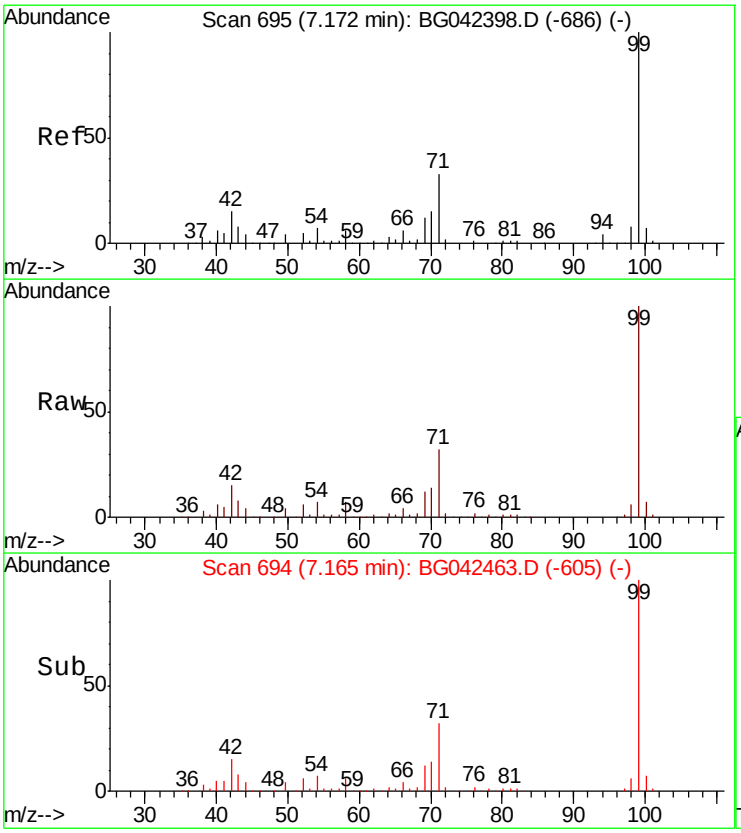
#5
2-Fluorophenol
Concen: 132.651 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 480860

Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.8	64.2
63	28.7	22.7	34.1

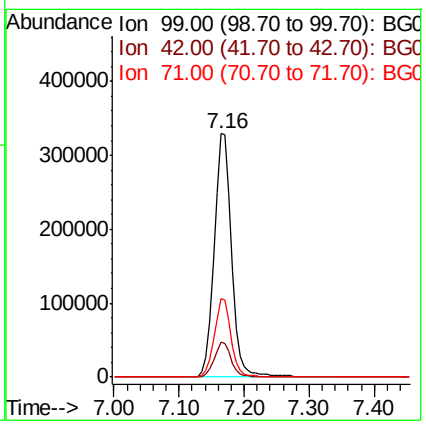


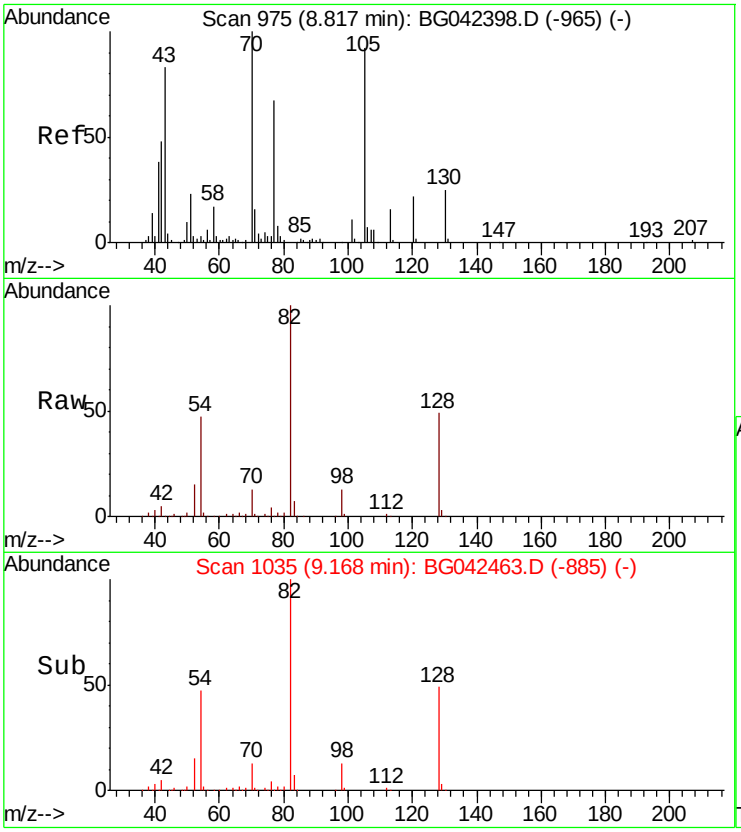


#7
Phenol-d6
Concen: 123.953 ng
RT: 7.16 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Tgt Ion: 99 Resp: 606942

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.0	18.0
71	32.0	26.3	39.5



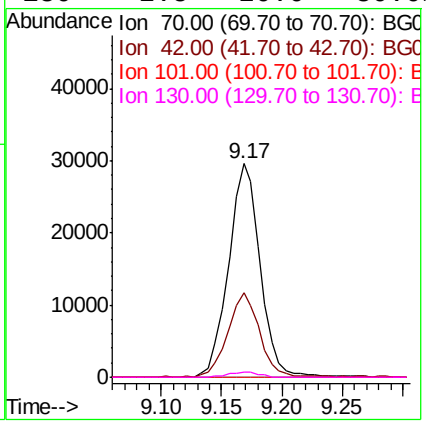


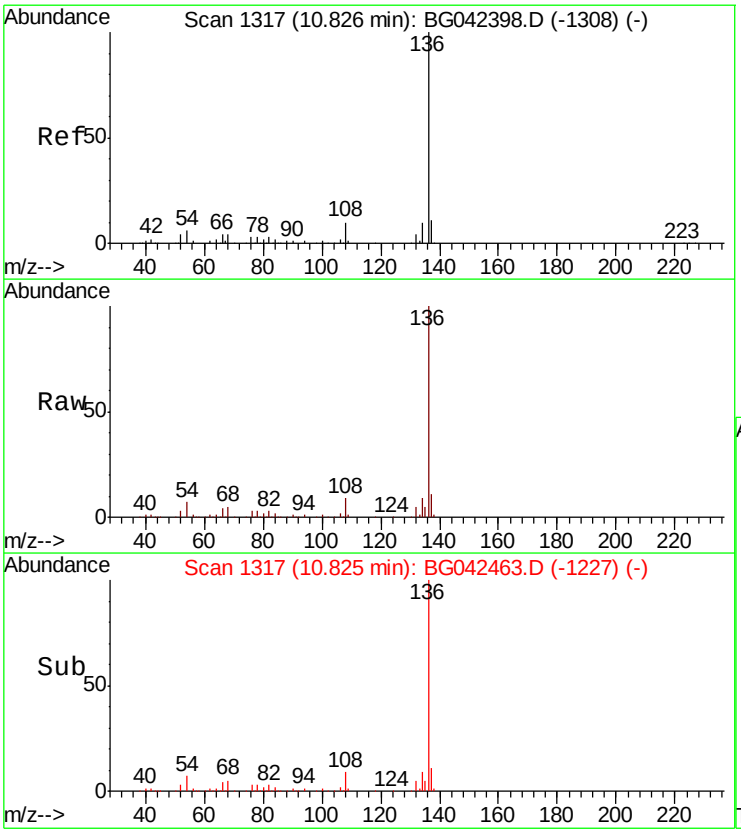
#19
n-Nitroso-di-n-propylamine
Concen: 16.907 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 53634

Ion	Ratio	Lower	Upper
70	100		
42	39.4	38.8	58.2
101	0.0	9.0	13.6#
130	2.5	20.0	30.0#

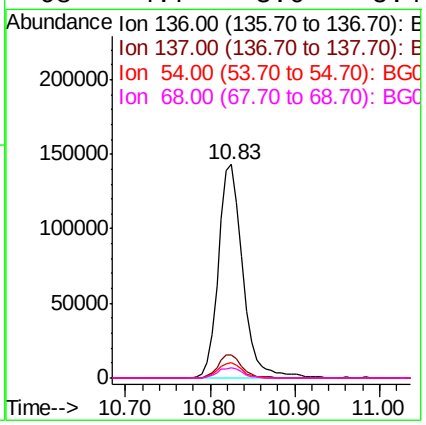


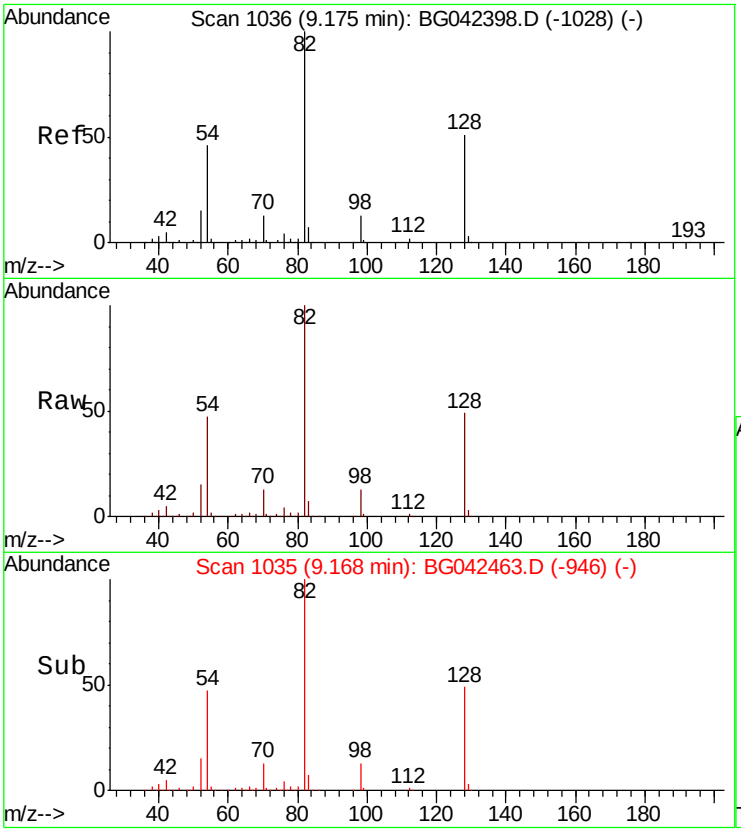


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Tgt Ion:136 Resp: 286751

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.4	4.9	7.3#
68	4.7	3.6	5.4



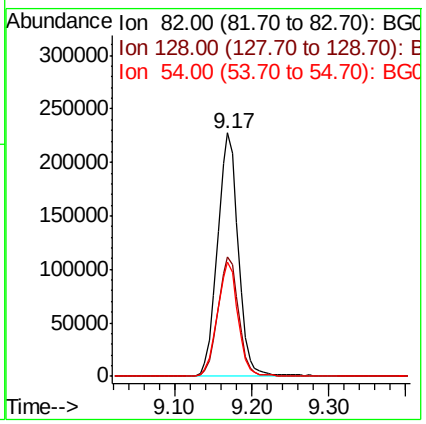


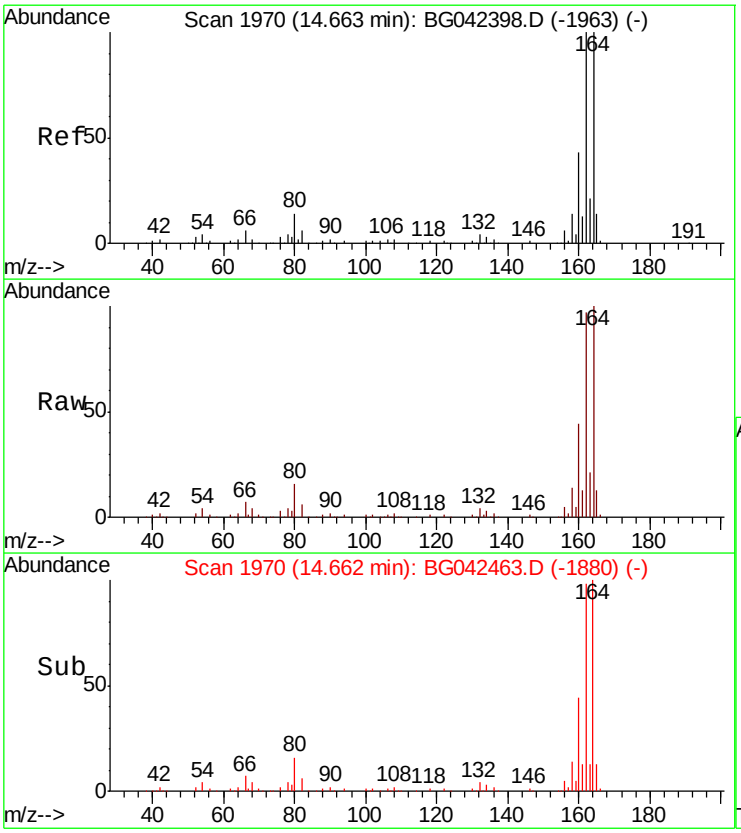
#23
Nitrobenzene-d5
Concen: 102.199 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 424080

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.7	61.1
54	46.7	36.3	54.5

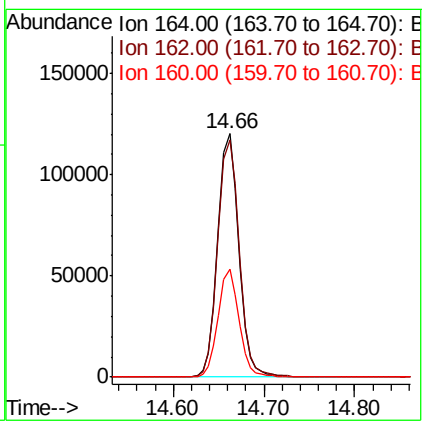


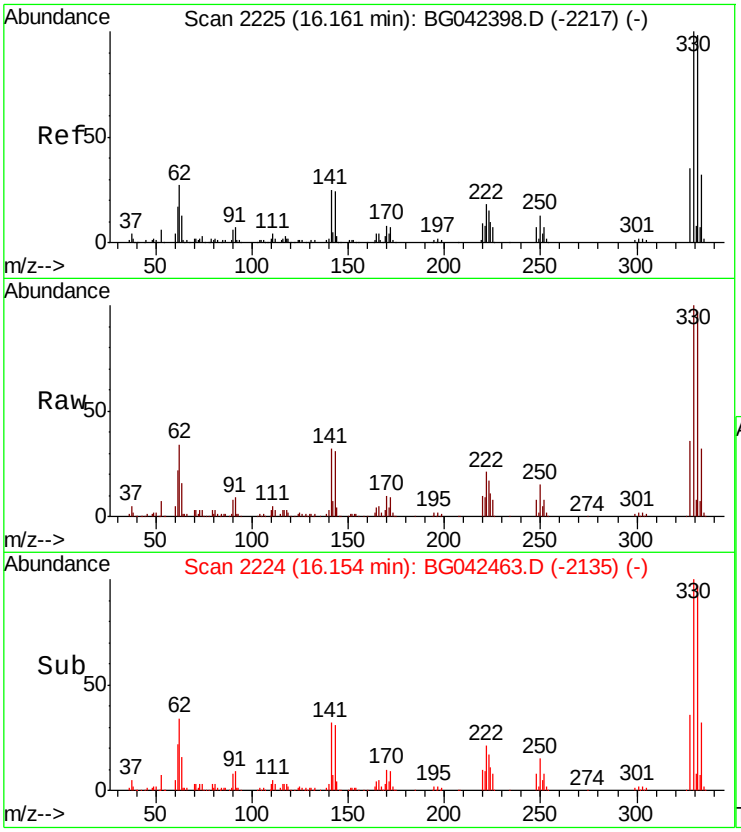


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Tgt Ion:164 Resp: 194386

Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.9	119.9
160	44.1	34.3	51.5



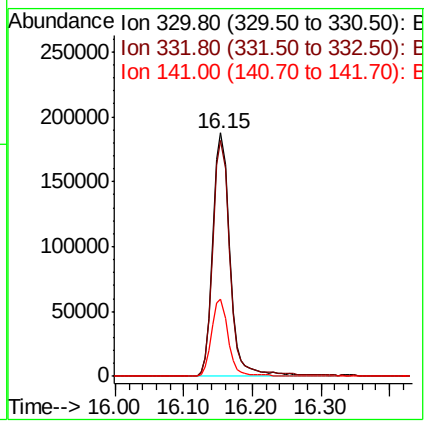


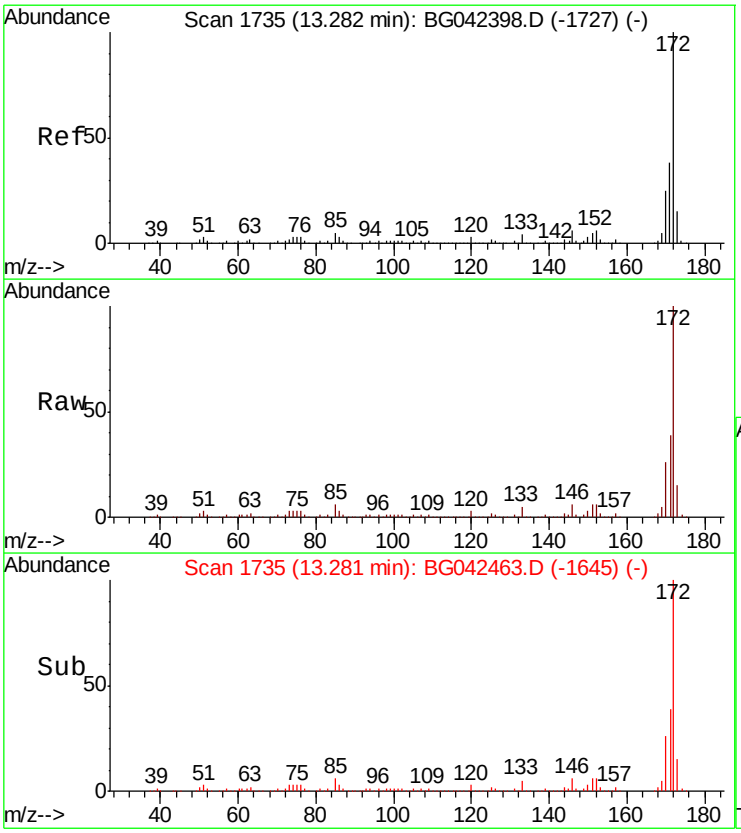
#42
2,4,6-Tribromophenol
Concen: 118.856 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 328386

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	31.1	21.4	32.0

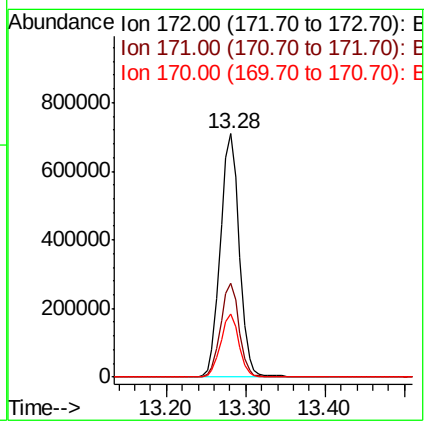


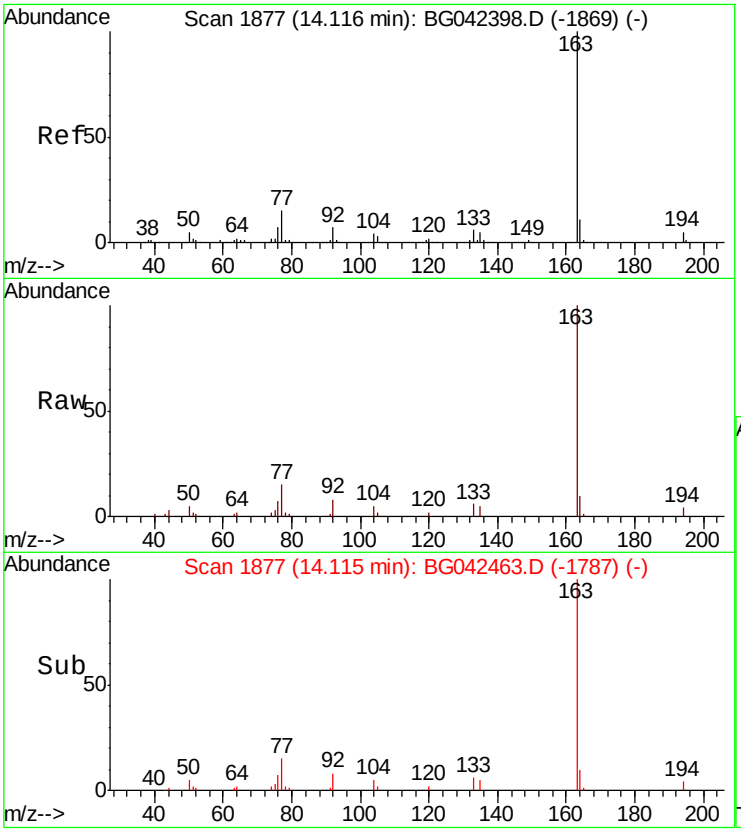


#45
2-Fluorobiphenyl
Concen: 102.261 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Tgt Ion:172 Resp: 1175331

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.5	45.7
170	25.8	20.2	30.2



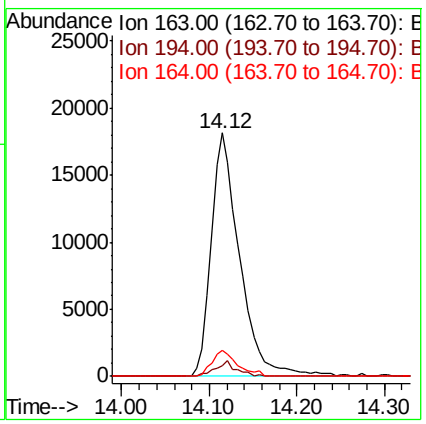


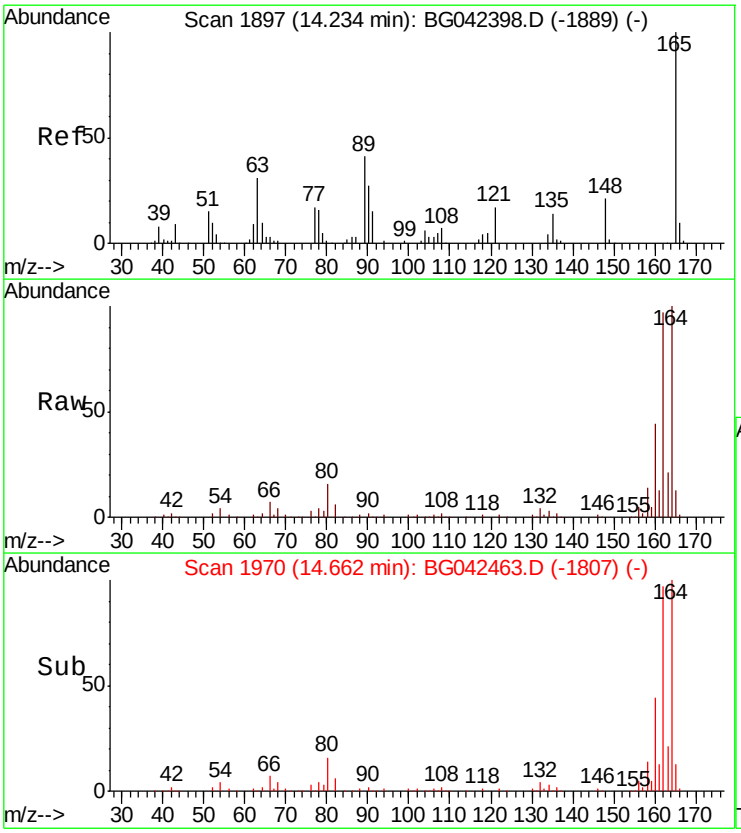
#50
Dimethylphthalate
Concen: 2.910 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 40815

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.2	6.2
164	10.5	8.8	13.2

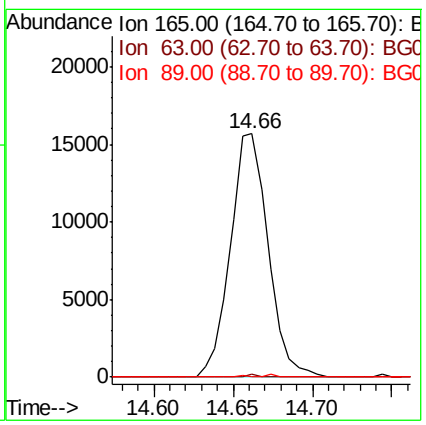


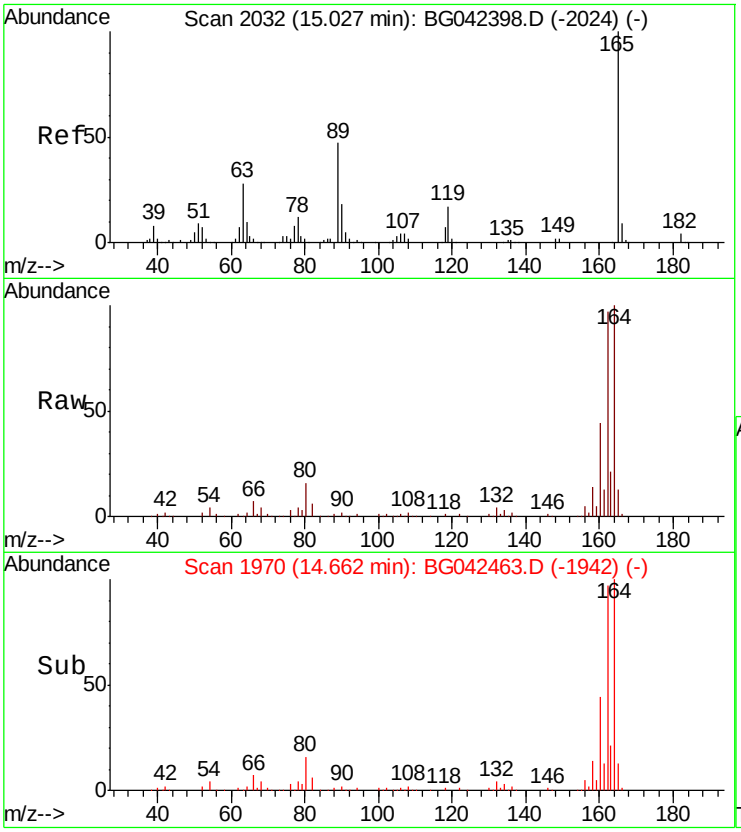


#51
2,6-Dinitrotoluene
Concen: 7.942 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.43 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Tgt Ion:165 Resp: 25819

Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.6	45.8#
89	0.0	32.6	49.0#



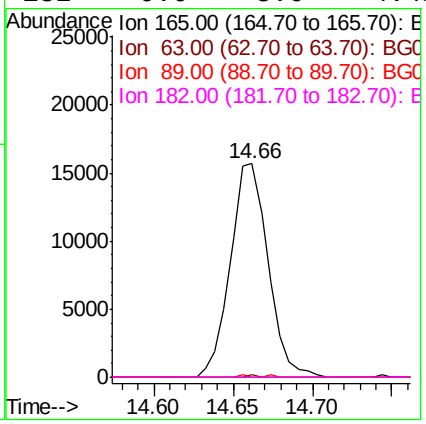


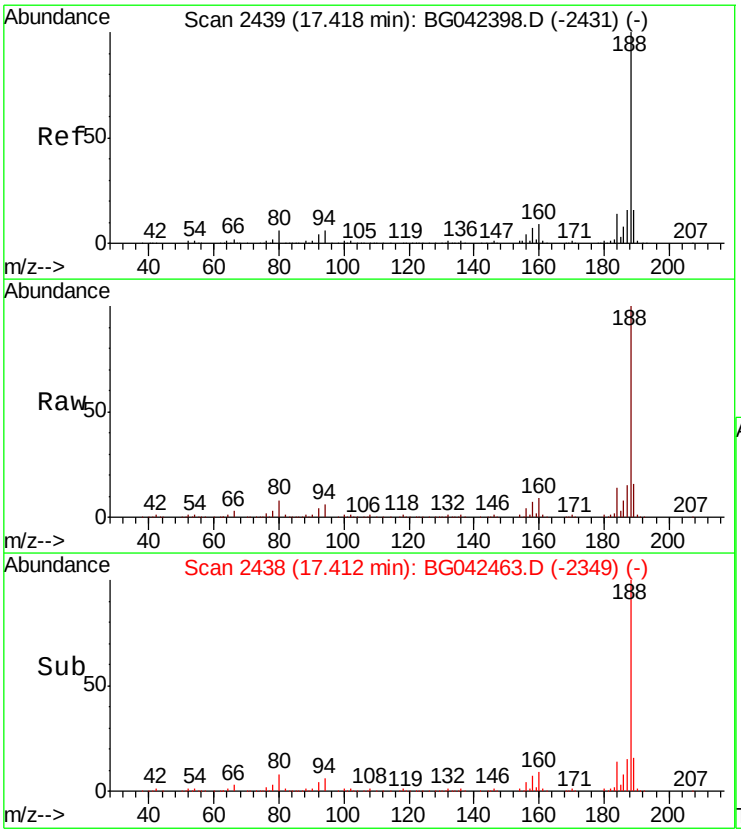
#57
2,4-Dinitrotoluene
Concen: 5.546 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.37 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 25819

Ion	Ratio	Lower	Upper
165	100		
63	1.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#

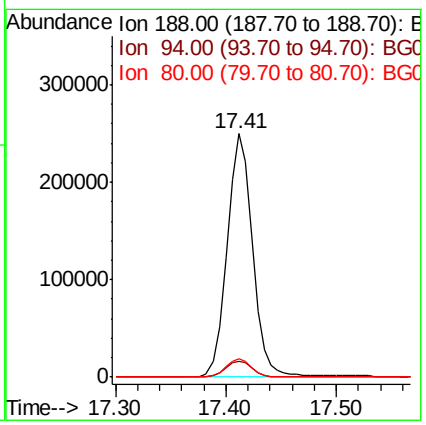


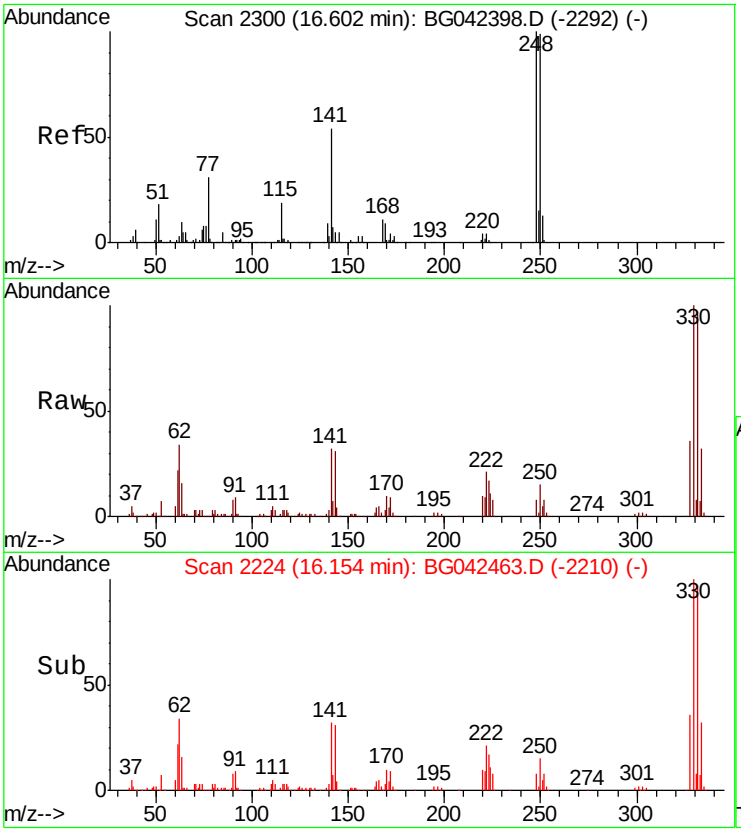


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Tgt Ion:188 Resp: 404281

Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.5	6.7
80	7.7	4.9	7.3#



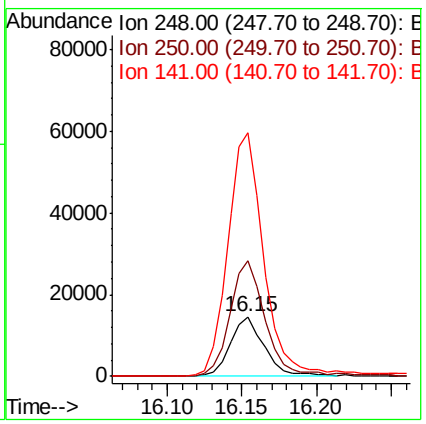


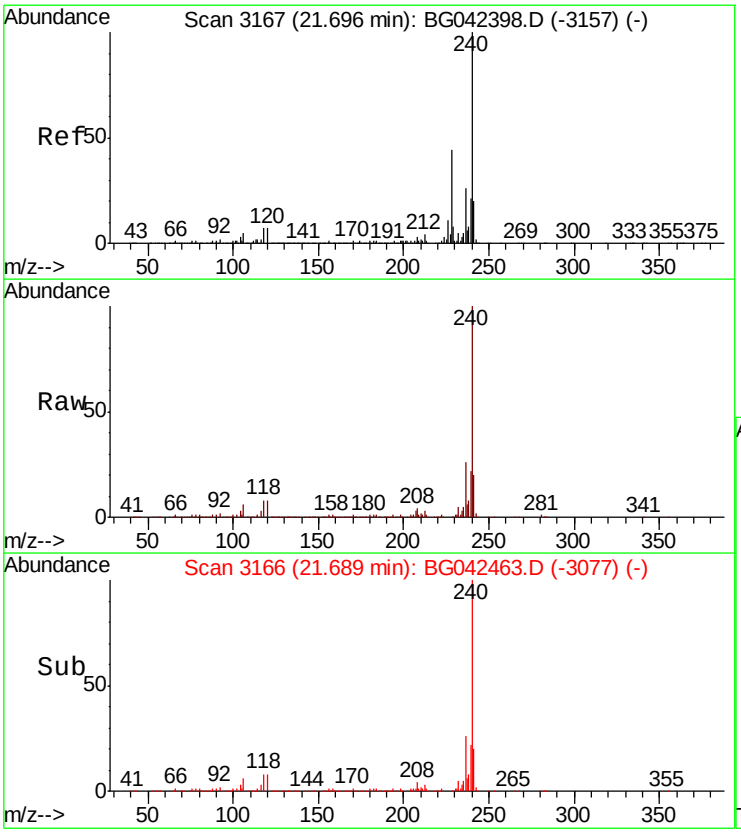
#67
4-Bromophenyl-phenylether
Concen: 4.503 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23093

Ion	Ratio	Lower	Upper
248	100		
250	193.2	78.9	118.3#
141	406.5	43.3	64.9#

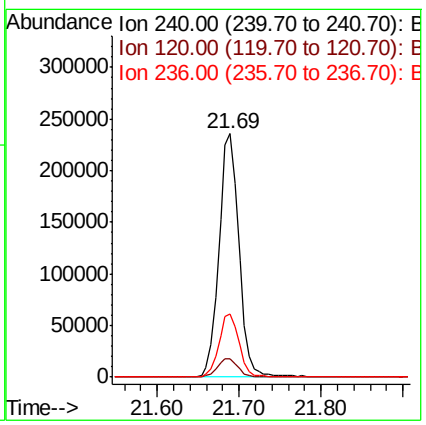


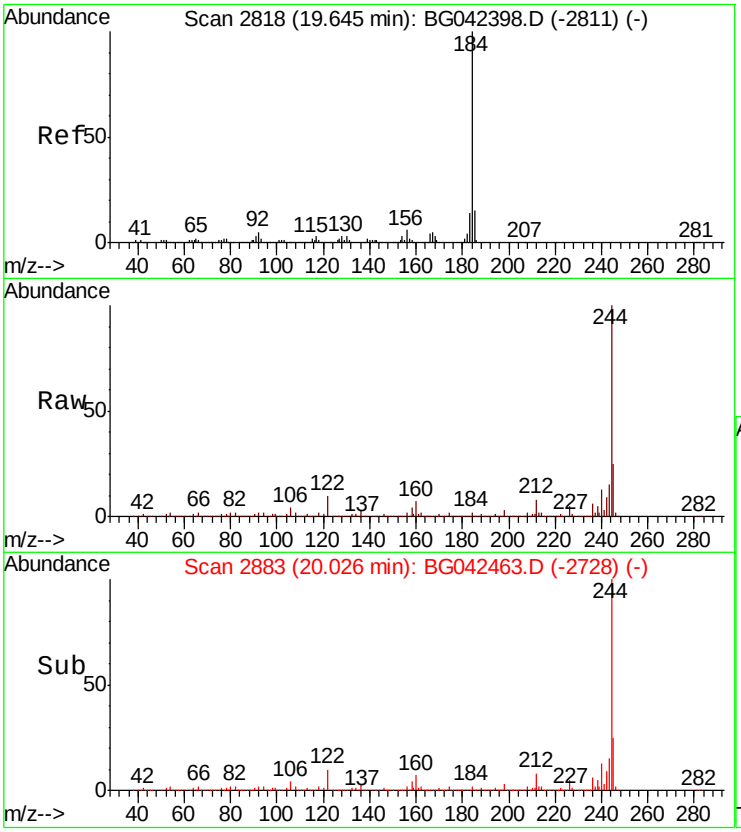


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Tgt Ion:240 Resp: 401380

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.7	8.5
236	26.0	21.0	31.4



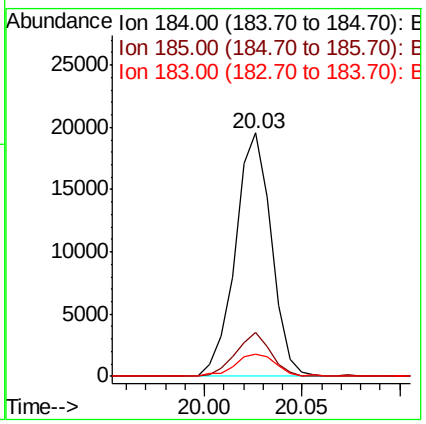


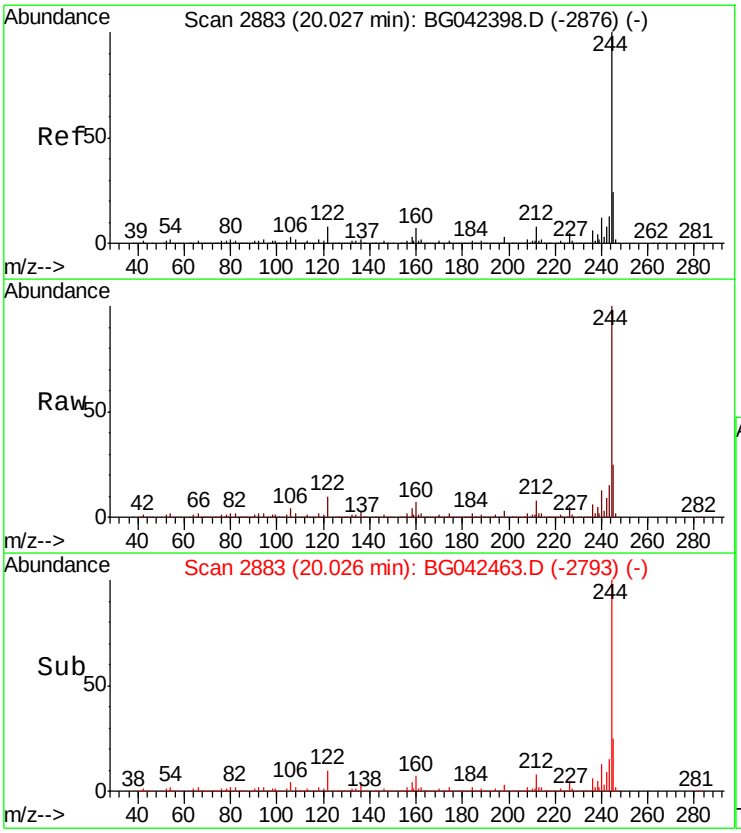
#77
Benzidine
Concen: 2.170 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.38 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24968

Ion	Ratio	Lower	Upper
184	100		
185	18.0	12.2	18.4
183	9.2	10.8	16.2#

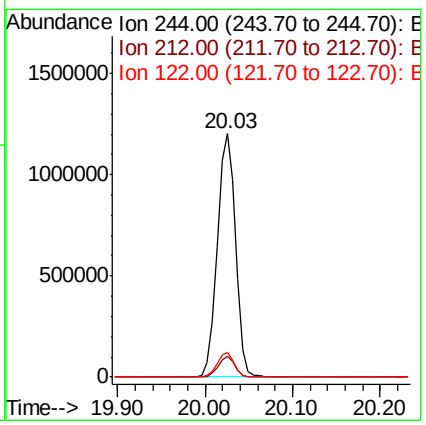


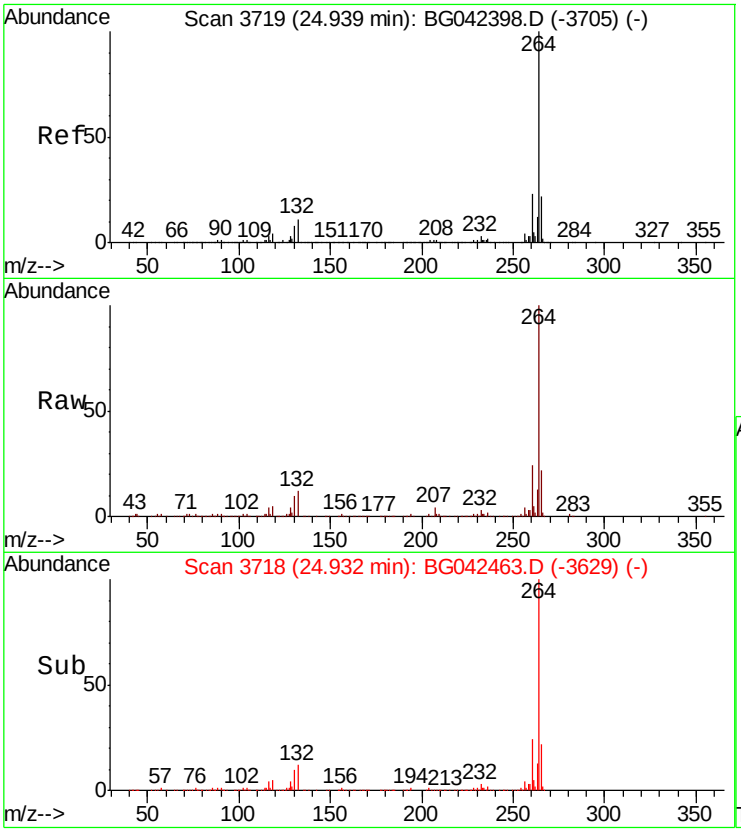


#79
Terphenyl-d14
Concen: 93.752 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Tgt Ion:244 Resp: 1740599

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.0	9.0
122	10.3	6.7	10.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042463.D
Acq: 24 Aug 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 461626

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.7	17.6	26.4