Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042739.D
Acq On : 6 Sep 2019 4:19
Operator : HP/JU
Sample : K4694-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 06 06:49:02 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	30508	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	108744	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	76912	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	189713	20.00	ng	0.00
76) Chrysene-d12	21.69	240	229651	20.00	ng	0.00
87) Perylene-d12	24.93	264	267892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	194553	129.16	ng	0.00
7) Phenol-d6	7.16	99	222612	109.41	ng	-0.01
23) Nitrobenzene-d5	9.16	82	157948	100.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	175216	160.28	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	508584	111.84	ng	0.00
79) Terphenyl-d14	20.02	244	1123034	105.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	4577	7.281	ng	# 1
19) n-Nitroso-di-n-propylamine	9.16	70	20228	15.345	ng	# 76
51) 2,6-Dinitrotoluene	14.66	165	10149	7.890	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	10150	5.510	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	10815	4.494	ng	# 1
77) Benzidine	20.02	184	13585	2.063	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042739.D
Acq On : 6 Sep 2019 4:19
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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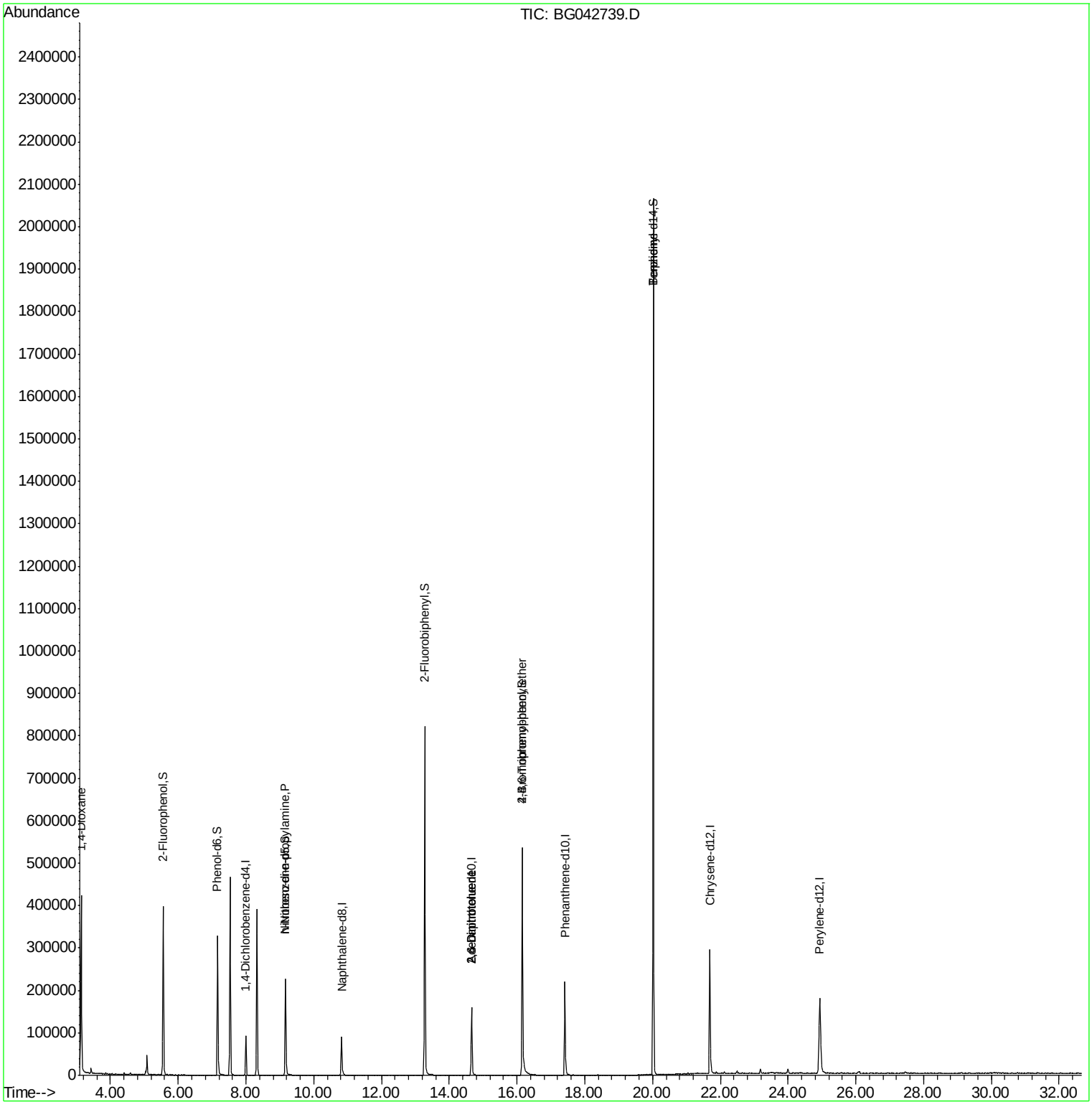
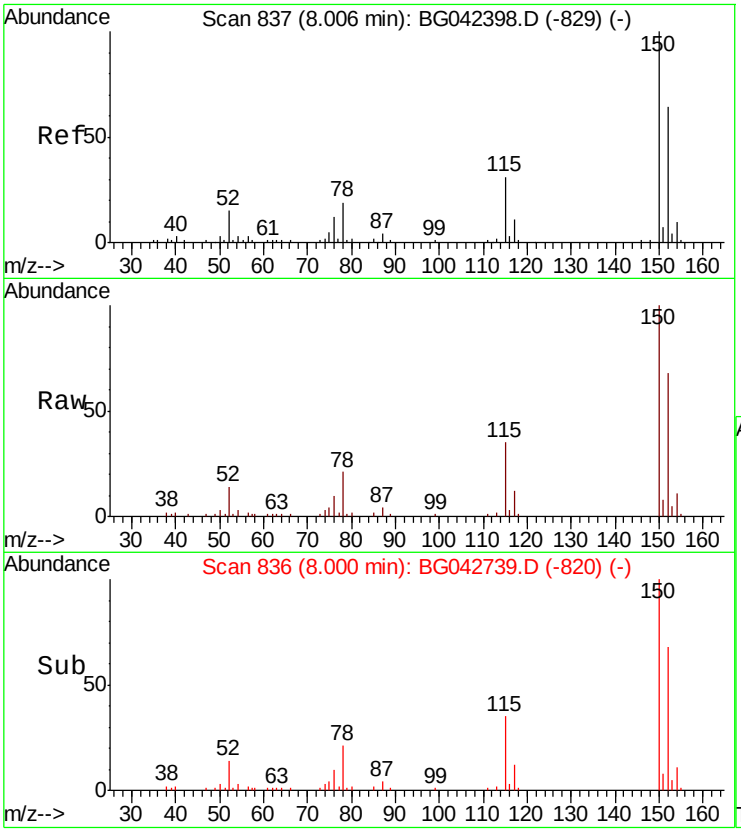
ClientSampleId :

Quant Time: Sep 06 06:49:02 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



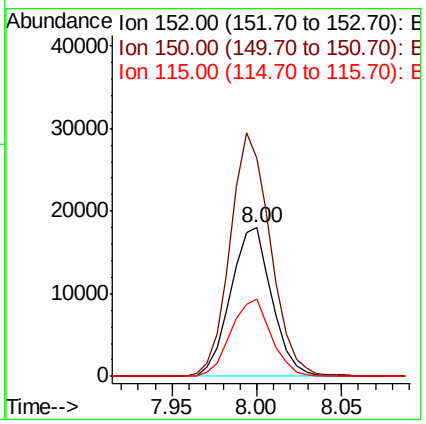


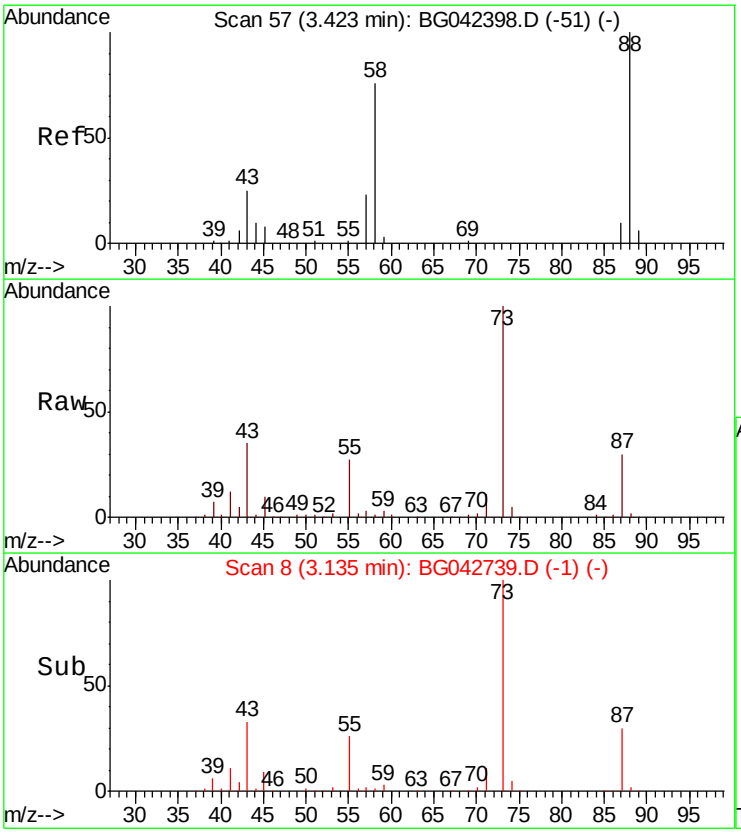
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30508

Ion	Ratio	Lower	Upper
152	100		
150	146.5	125.4	188.0
115	51.9	38.5	57.7

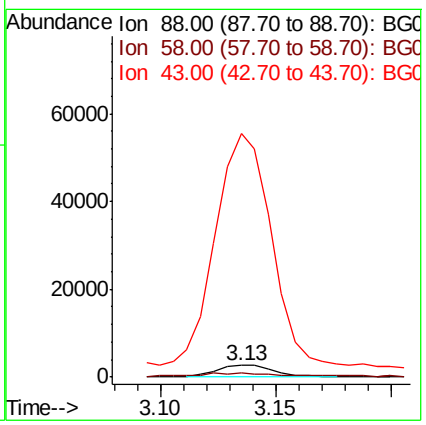


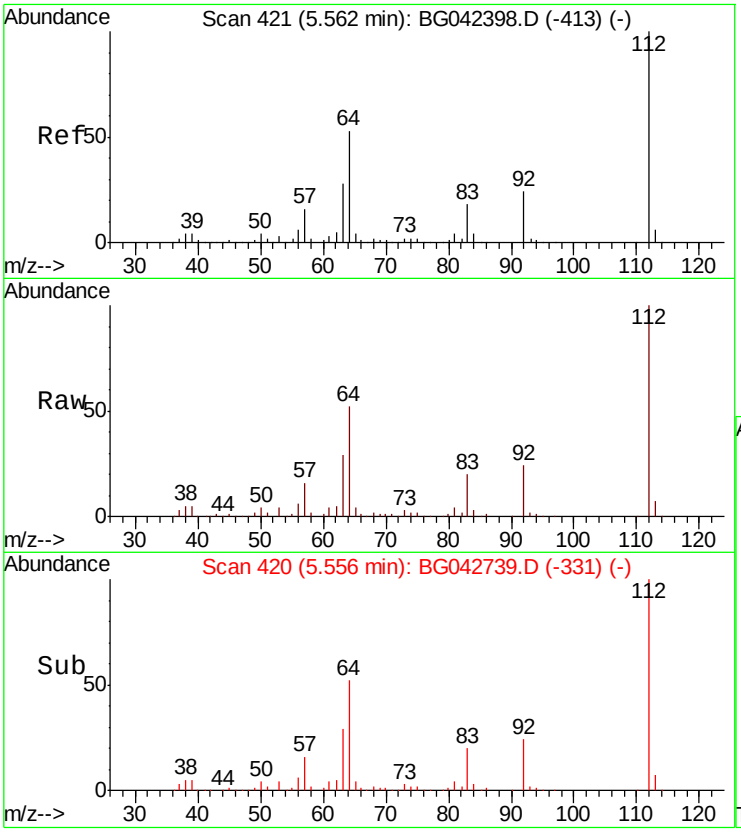


#2
1,4-Dioxane
Concen: 7.281 ng
RT: 3.13 min Scan# 8
Delta R.T. -0.29 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion: 88 Resp: 4577

Ion	Ratio	Lower	Upper
88	100		
58	26.3	58.3	87.5#
43	2098.3	20.2	30.2#



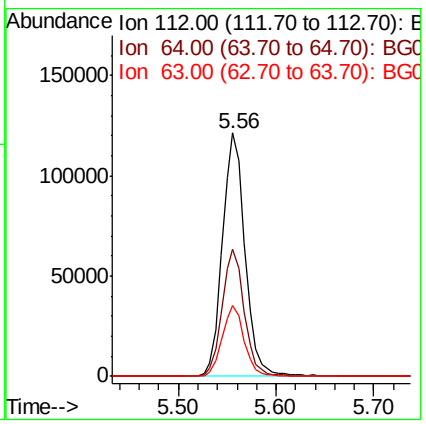


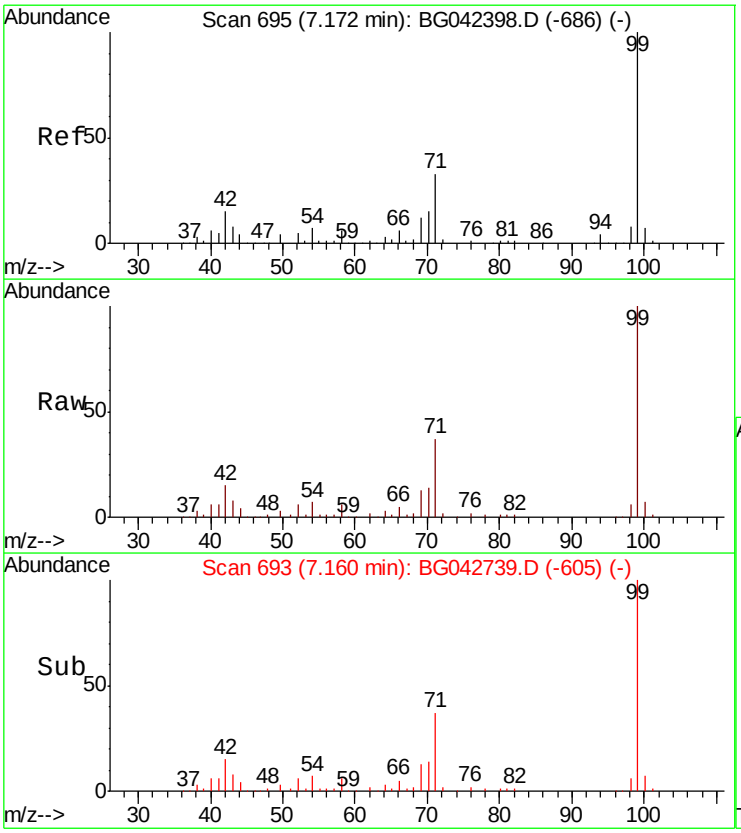
#5
2-Fluorophenol
Concen: 129.155 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 194553

Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.8	64.2
63	28.9	22.7	34.1

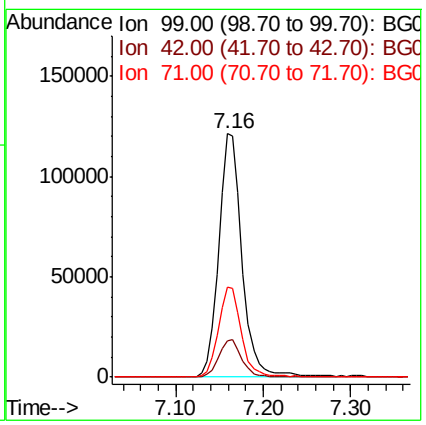


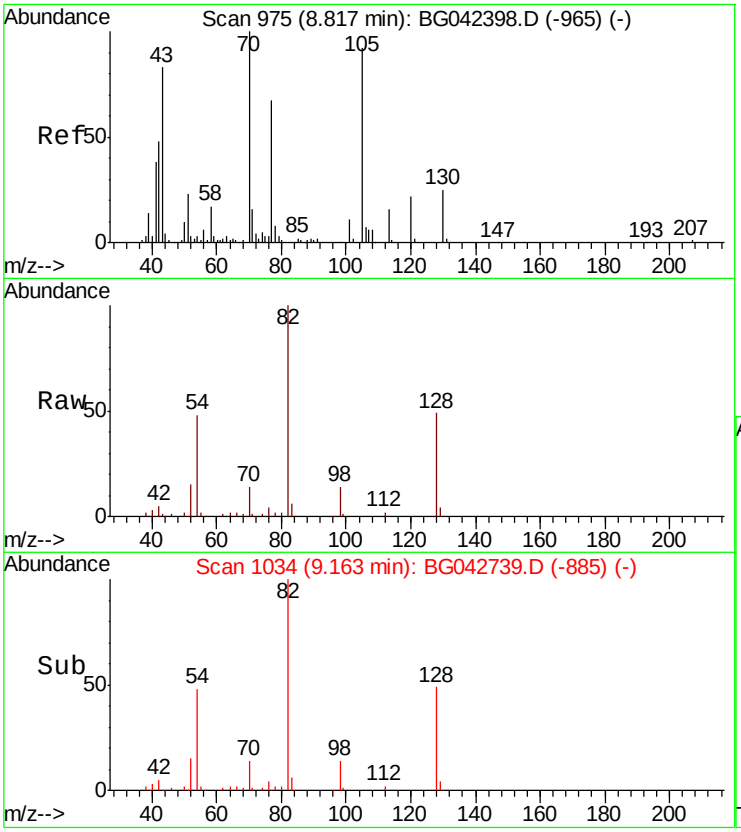


#7
Phenol-d6
Concen: 109.406 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion: 99 Resp: 222612

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.0	18.0
71	36.8	26.3	39.5



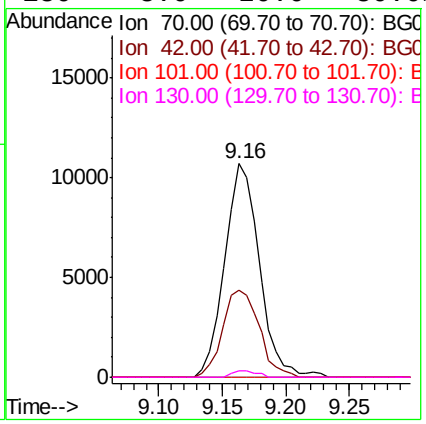


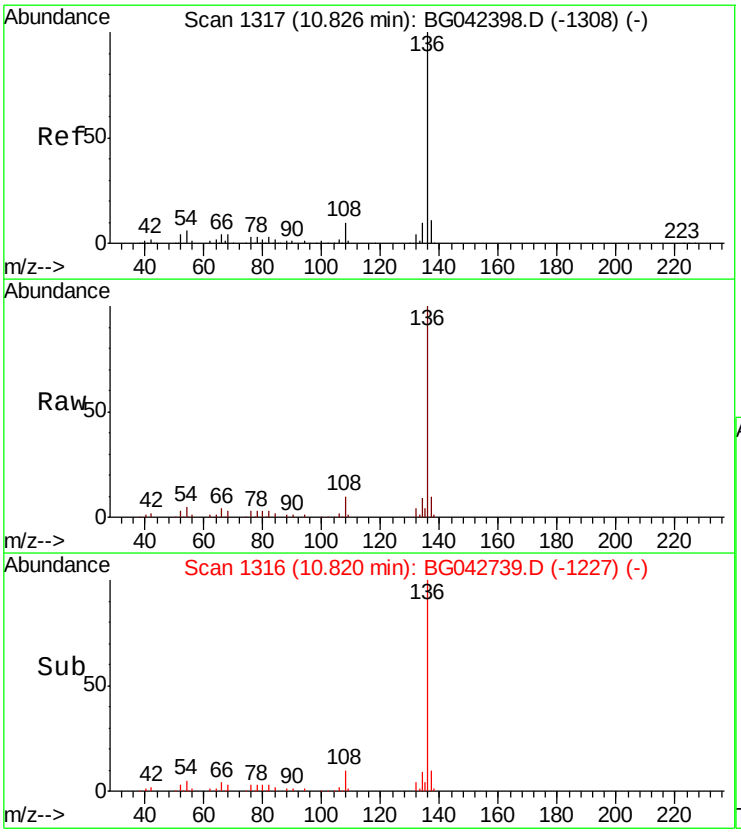
#19
n-Nitroso-di-n-propylamine
Concen: 15.345 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 20228

Ion	Ratio	Lower	Upper
70	100		
42	40.6	38.8	58.2
101	0.0	9.0	13.6#
130	3.0	20.0	30.0#

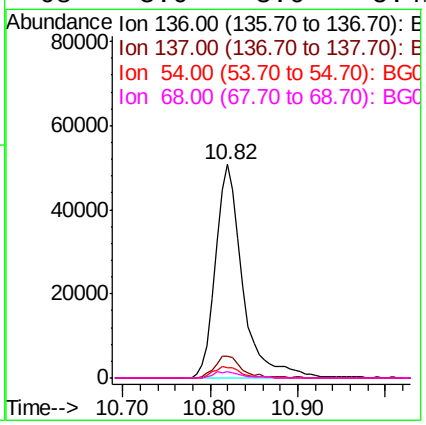


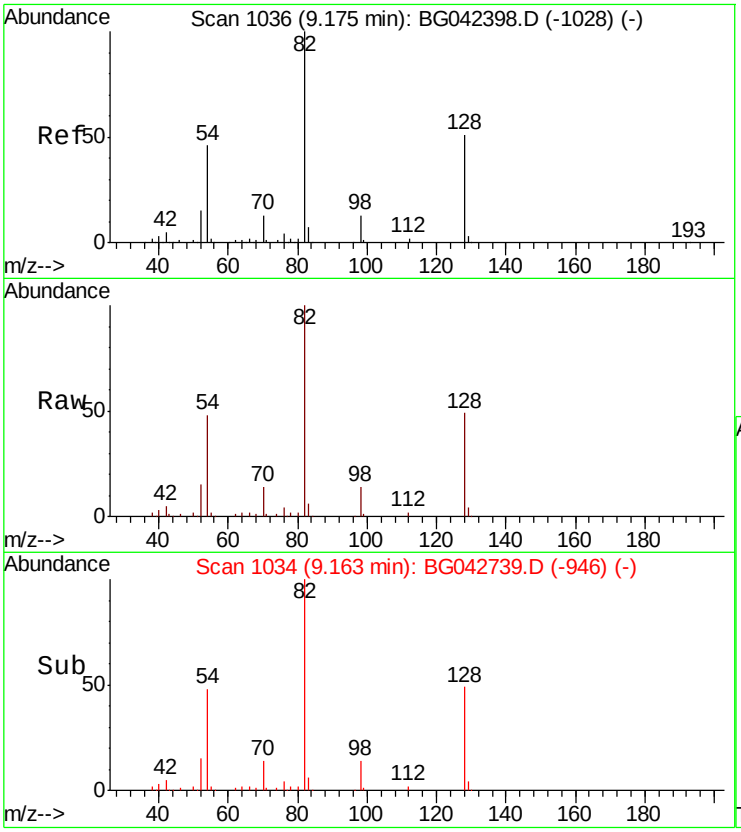


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion:136 Resp: 108744

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	4.9	4.9	7.3#
68	3.0	3.6	5.4#



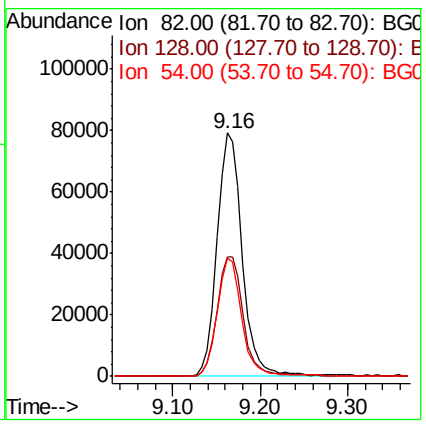


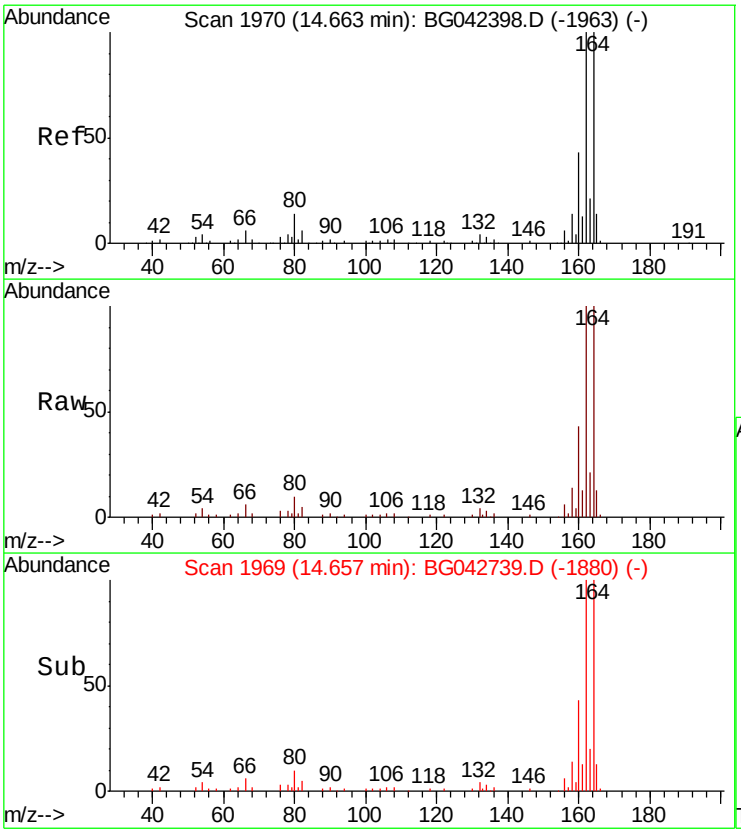
#23
Nitrobenzene-d5
Concen: 100.372 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 157948

Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.7	61.1
54	48.4	36.3	54.5

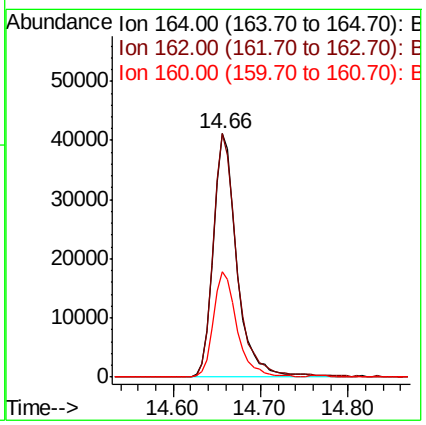


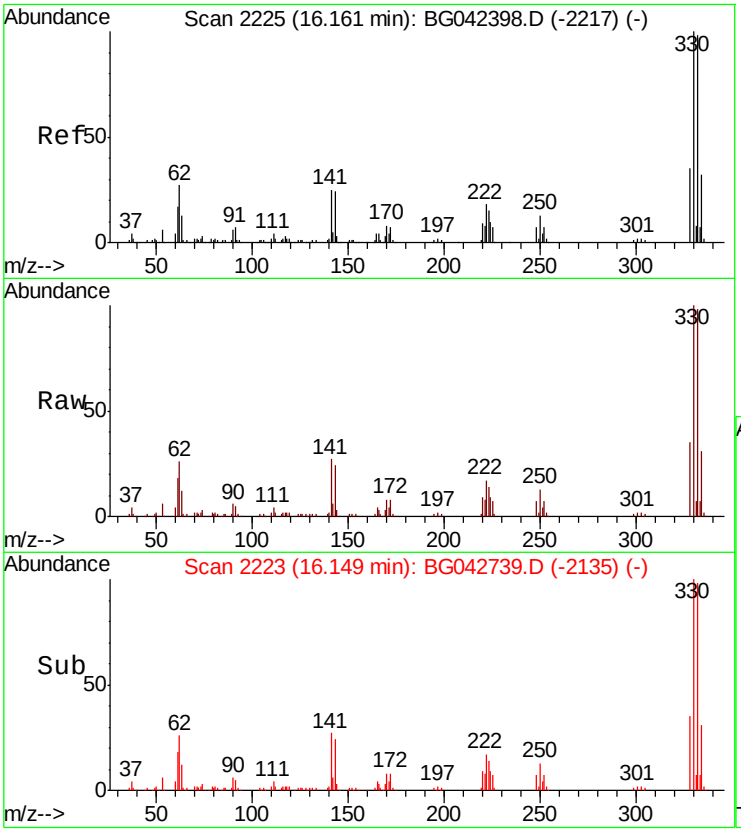


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion:164 Resp: 76912

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.9	119.9
160	43.3	34.3	51.5



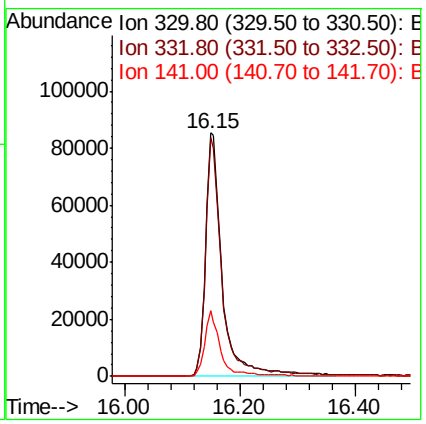


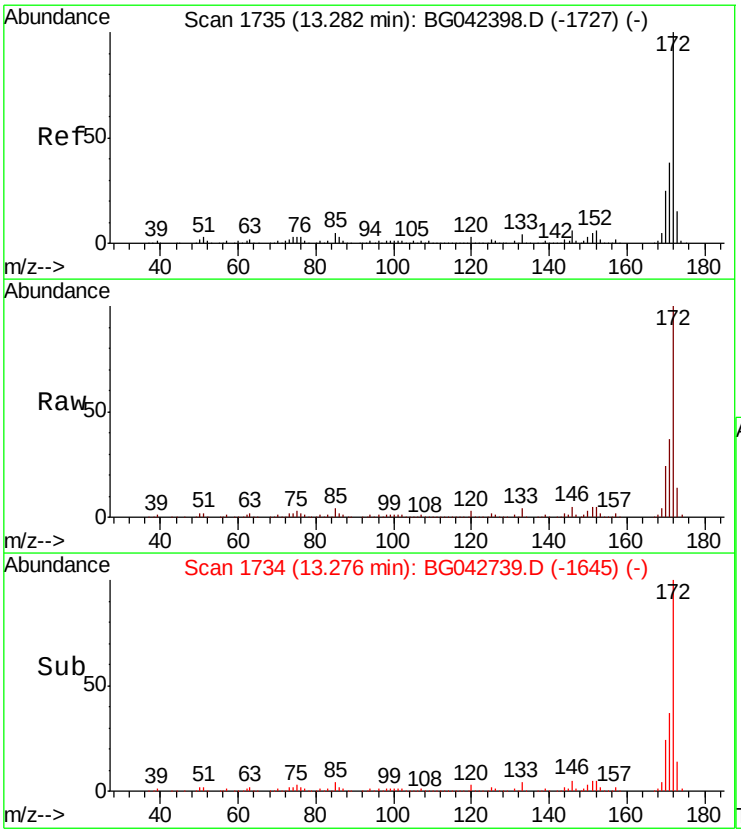
#42
2,4,6-Tribromophenol
Concen: 160.281 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 175216

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	24.6	21.4	32.0

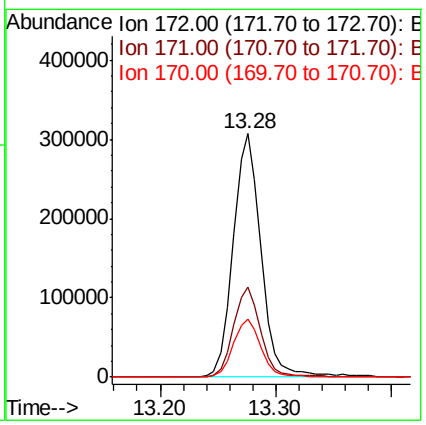


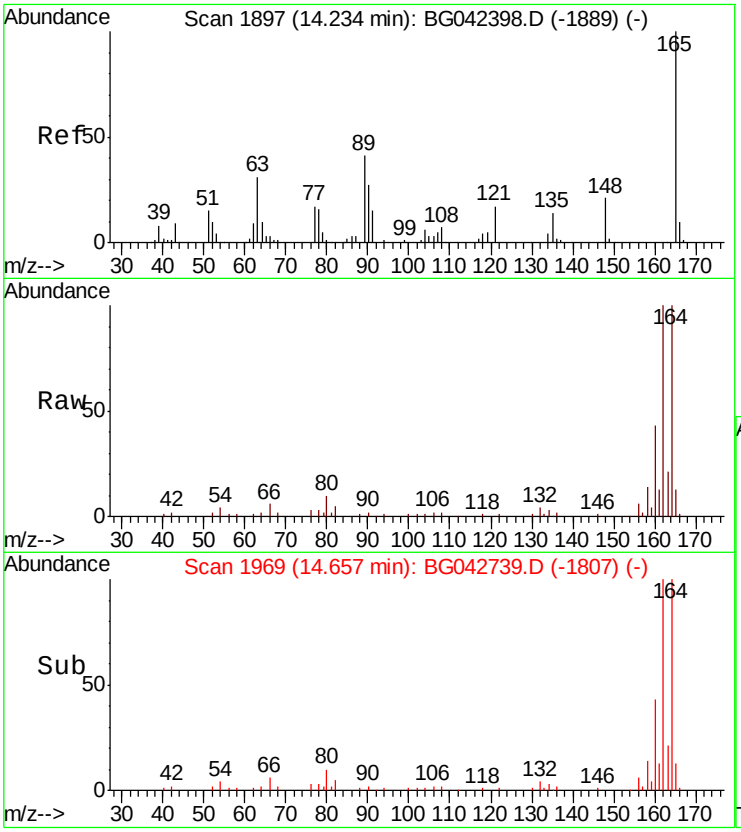


#45
2-Fluorobiphenyl
Concen: 111.837 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion:172 Resp: 508584

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	23.8	20.2	30.2



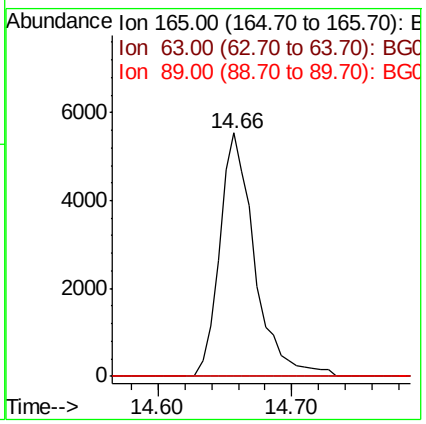


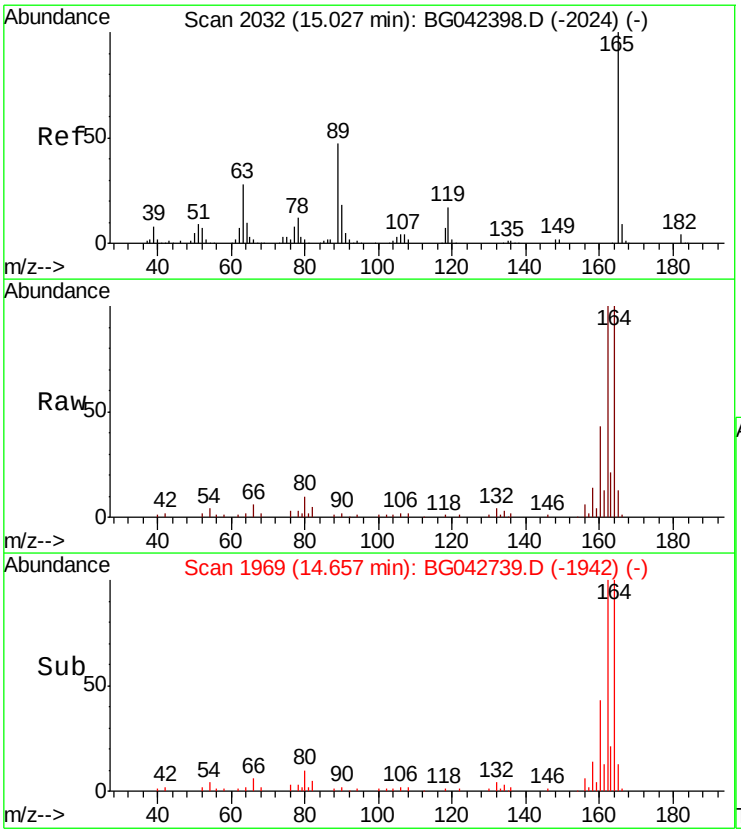
#51
2,6-Dinitrotoluene
Concen: 7.890 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.42 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10149

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

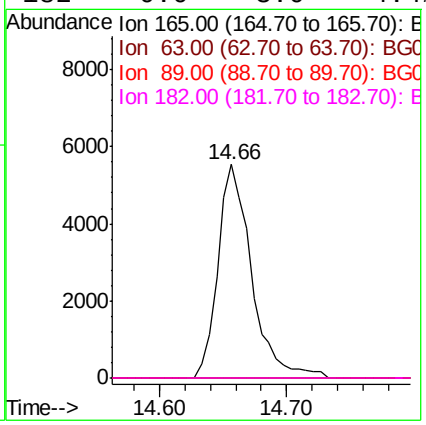


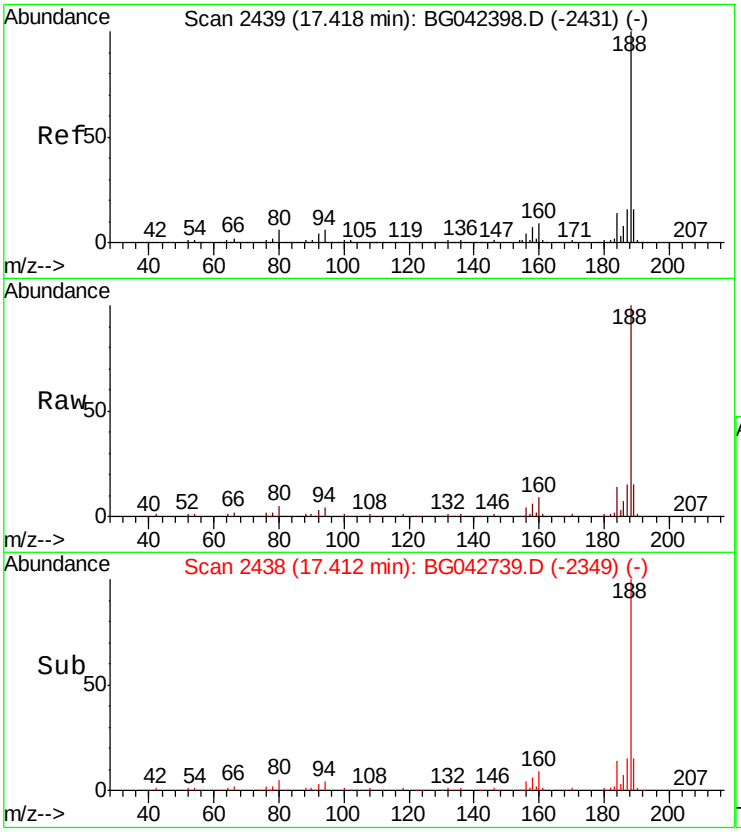


#57
2,4-Dinitrotoluene
Concen: 5.510 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion:165 Resp: 10150

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#



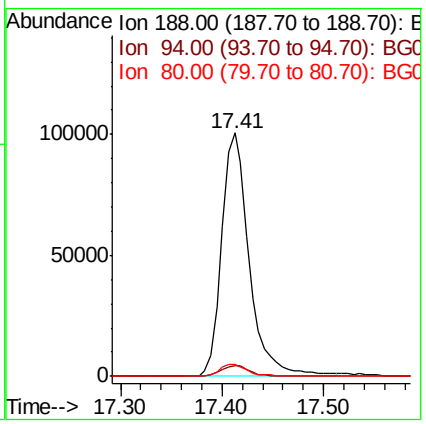


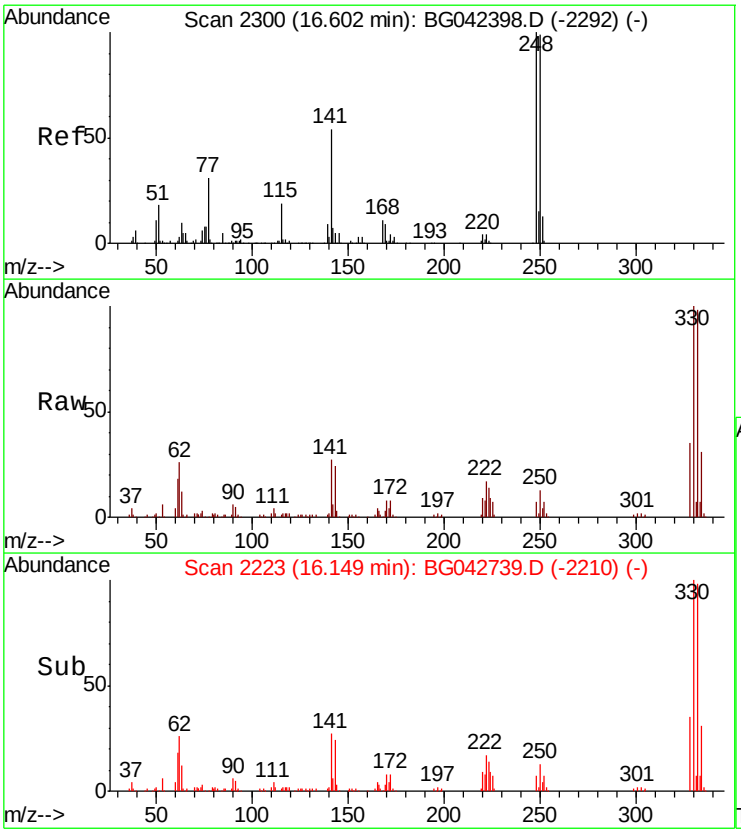
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 189713

Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.5	6.7
80	5.2	4.9	7.3

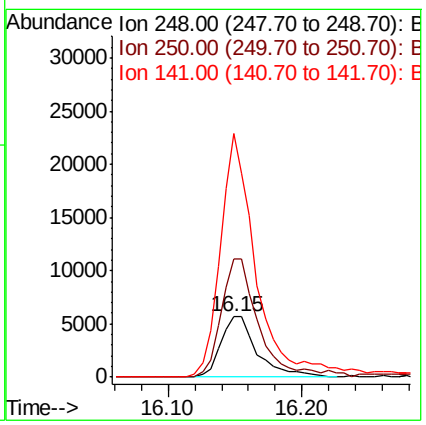


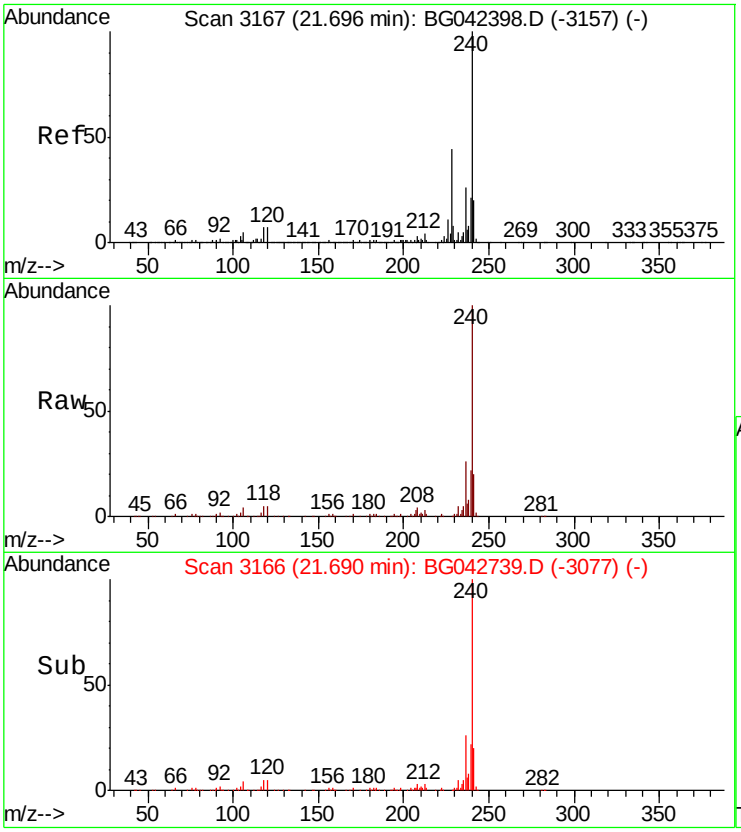


#67
4-Bromophenyl-phenylether
Concen: 4.494 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion:248 Resp: 10815

Ion	Ratio	Lower	Upper
248	100		
250	195.0	78.9	118.3#
141	403.5	43.3	64.9#



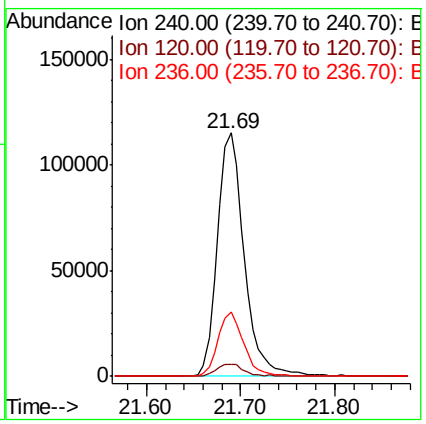


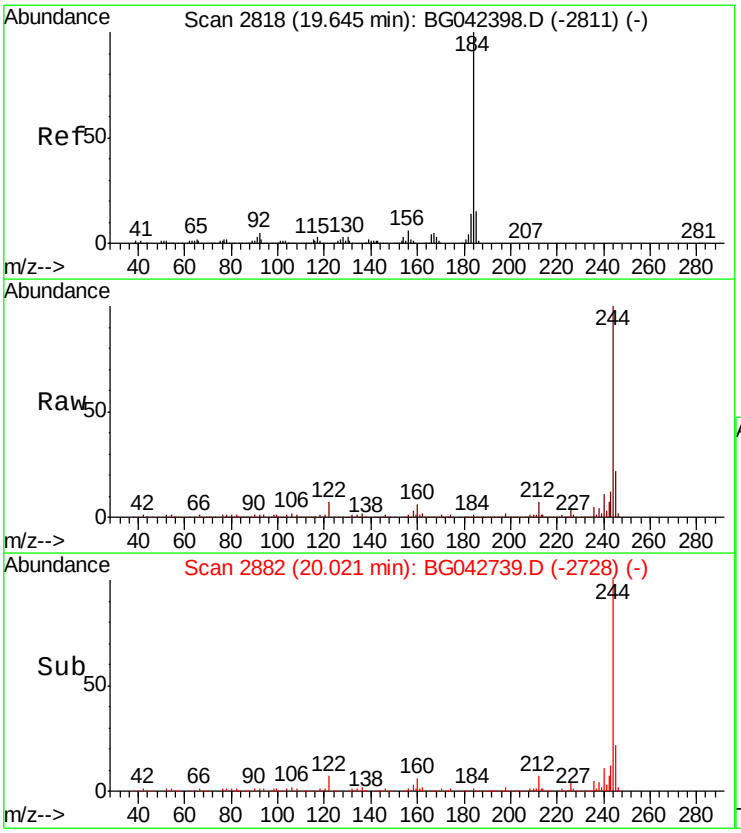
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 229651

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.7	8.5#
236	26.4	21.0	31.4

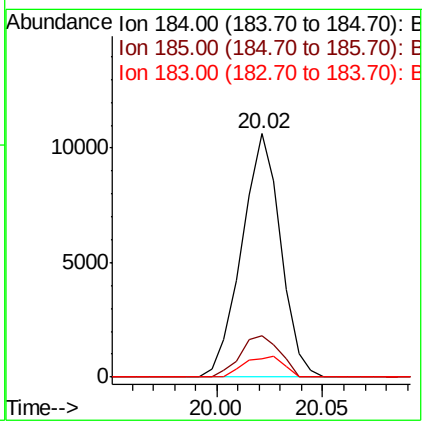


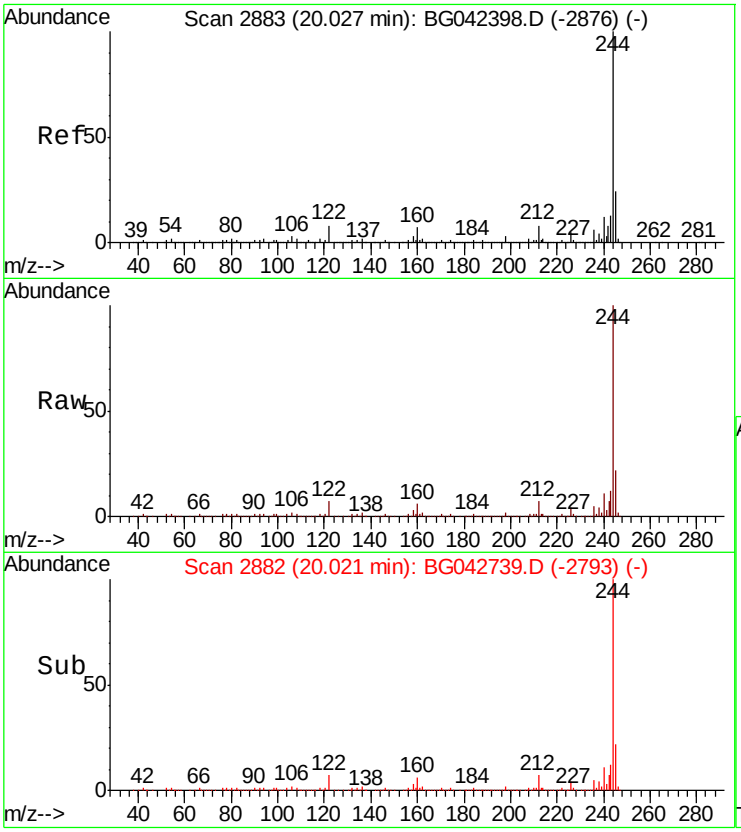


#77
Benzidine
Concen: 2.063 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.38 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion:184 Resp: 13585

Ion	Ratio	Lower	Upper
184	100		
185	17.1	12.2	18.4
183	7.7	10.8	16.2#



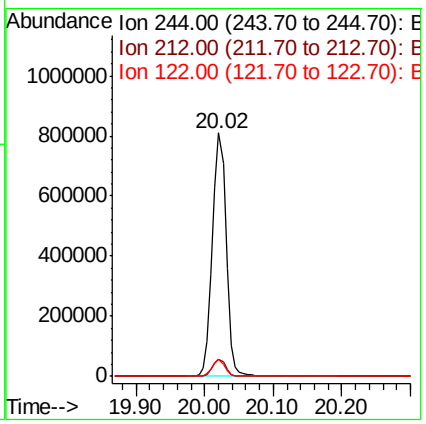


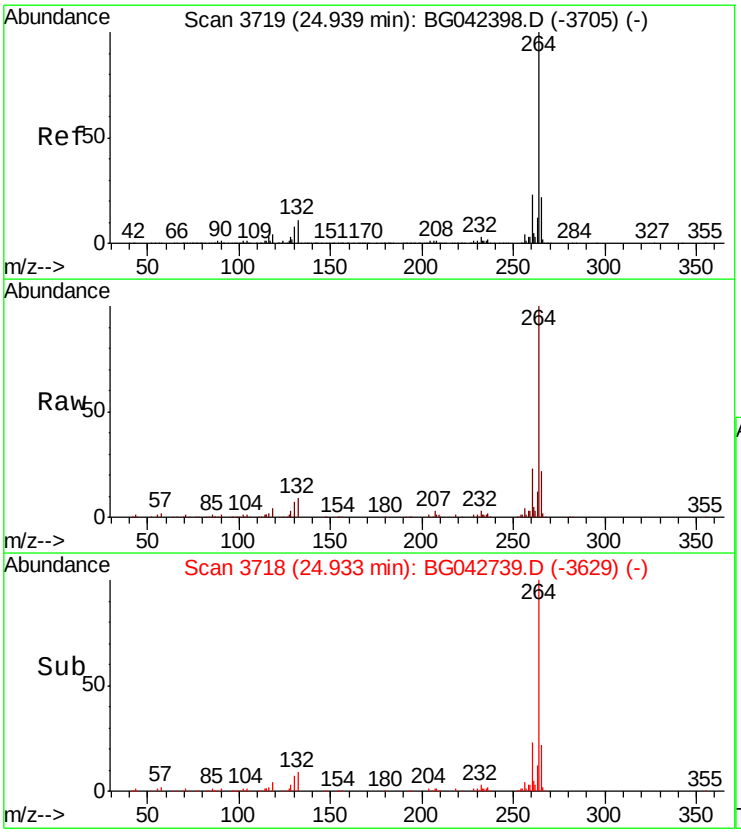
#79
Terphenyl-d14
Concen: 105.722 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1123034

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	6.8	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: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion:264 Resp: 267892

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	22.2	17.6	26.4