Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042732.D
Acq On : 5 Sep 2019 22:35
Operator : HP/JU
Sample : K4695-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 06 06:47:22 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	29230	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	103458	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	75175	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	187055	20.00	ng	0.00
76) Chrysene-d12	21.69	240	226286	20.00	ng	0.00
87) Perylene-d12	24.93	264	261819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	181842	125.99	ng	0.00
7) Phenol-d6	7.16	99	213271	109.40	ng	-0.01
23) Nitrobenzene-d5	9.16	82	147363	98.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	171661	160.66	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	493556	111.04	ng	0.00
79) Terphenyl-d14	20.02	244	1122522	107.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	3952	6.562	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	19572	15.496	ng	# 75
51) 2,6-Dinitrotoluene	14.66	165	9666	7.688	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	9666	5.369	ng	# 38
67) 4-Bromophenyl-phenylether	16.16	248	11788	4.968	ng	# 1
77) Benzidine	20.02	184	13802	2.127	ng	# 94

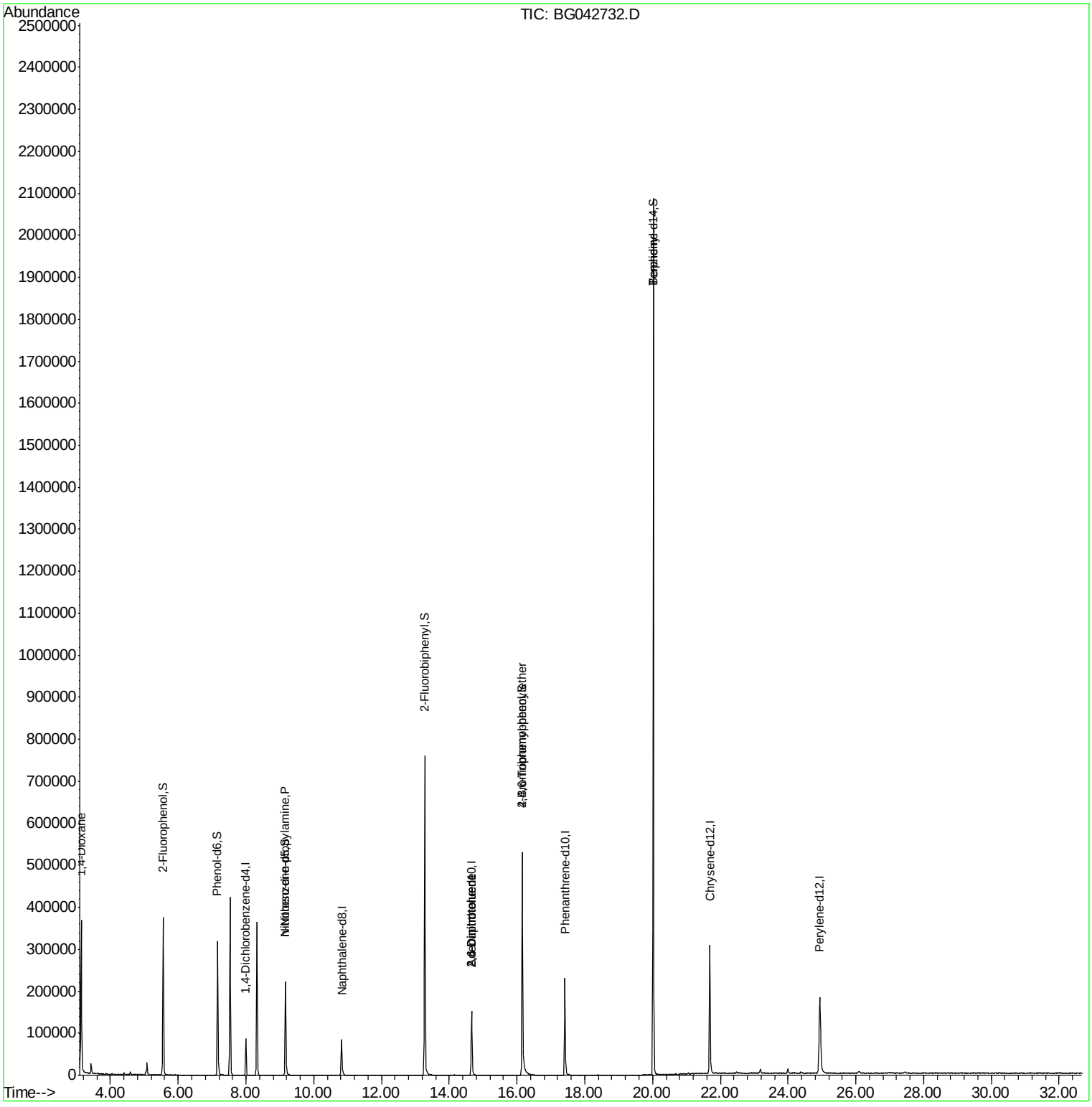
(#) = qualifier out of range (m) = manual integration (+) = signals summed

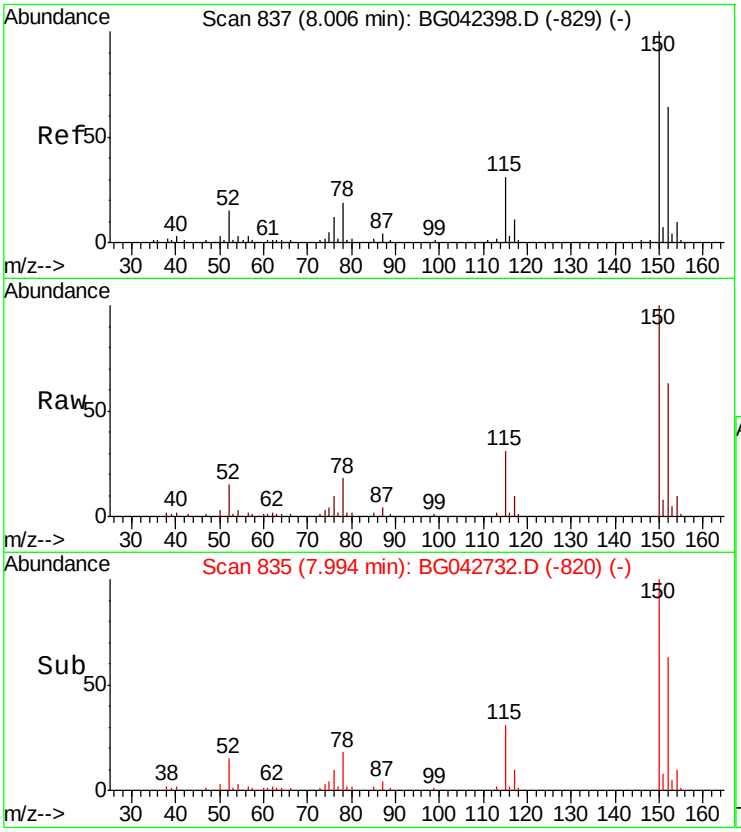
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042732.D
Acq On : 5 Sep 2019 22:35
Operator : HP/JU
Sample : K4695-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 06 06:47:22 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



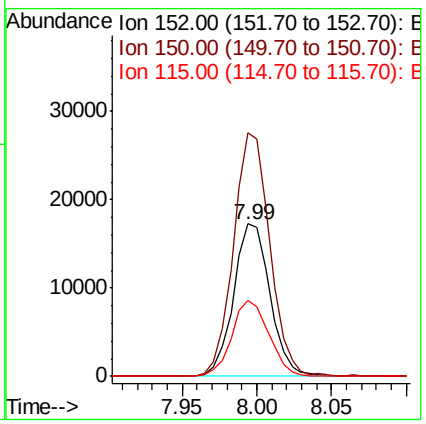


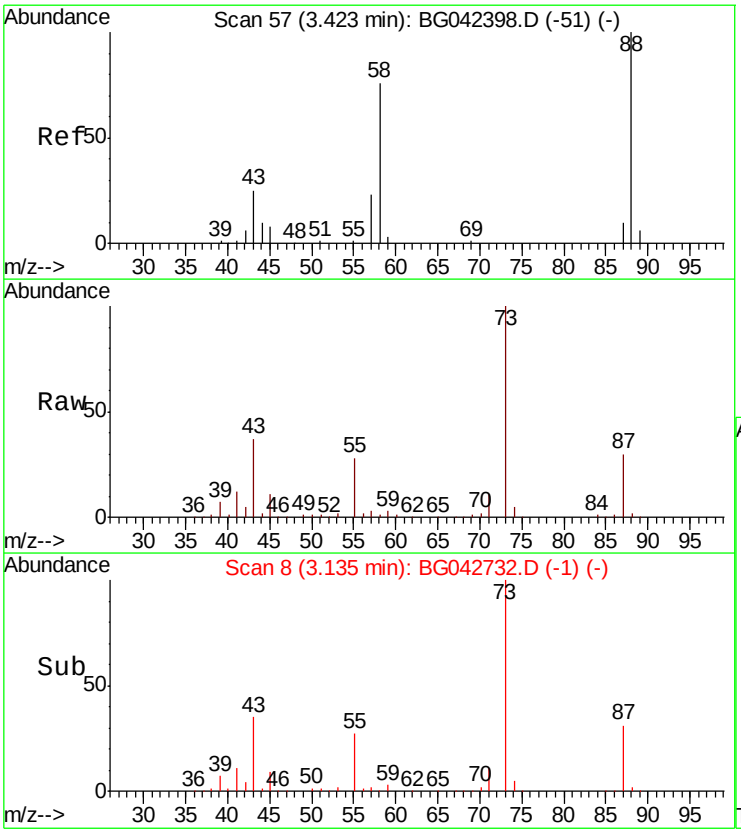
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29230

Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.4	188.0
115	49.9	38.5	57.7

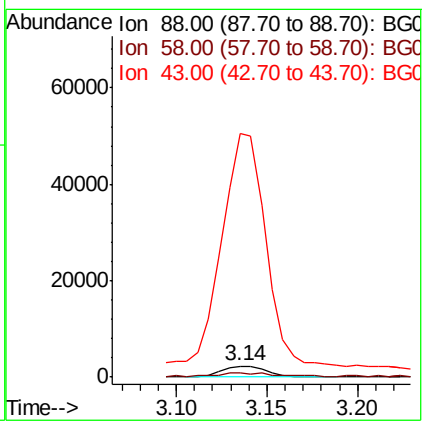


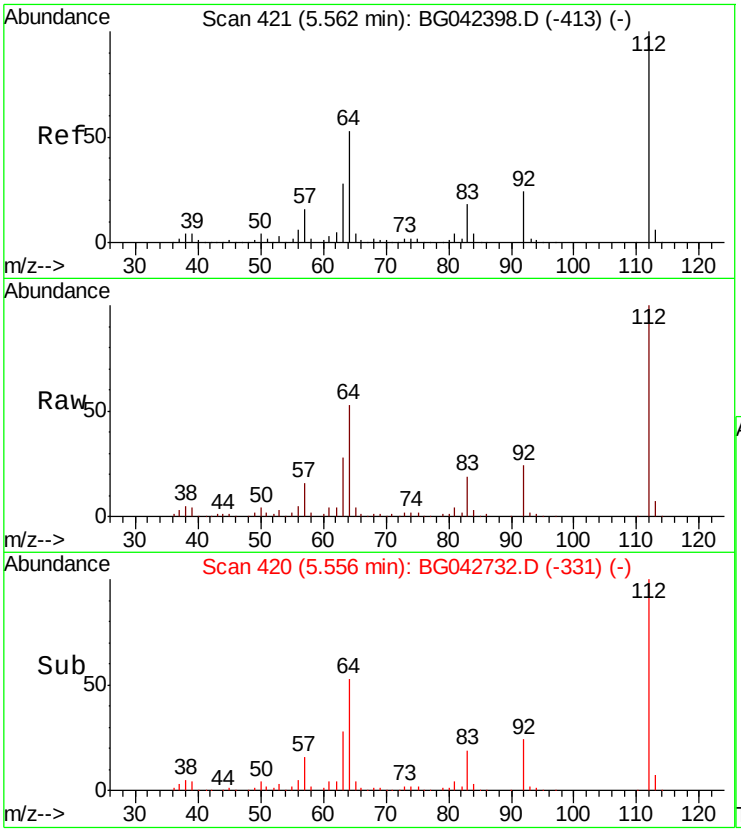


#2
1,4-Dioxane
Concen: 6.562 ng
RT: 3.14 min Scan# 8
Delta R.T. -0.29 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Tgt Ion: 88 Resp: 3952

Ion	Ratio	Lower	Upper
88	100		
58	54.1	58.3	87.5#
43	2144.7	20.2	30.2#



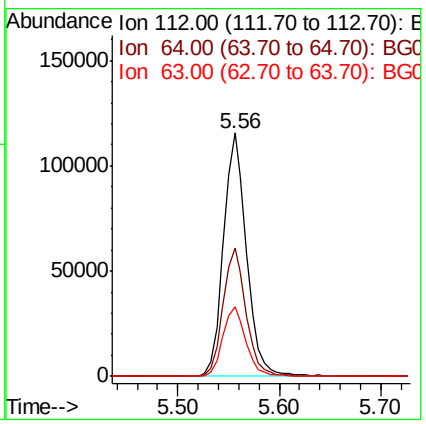


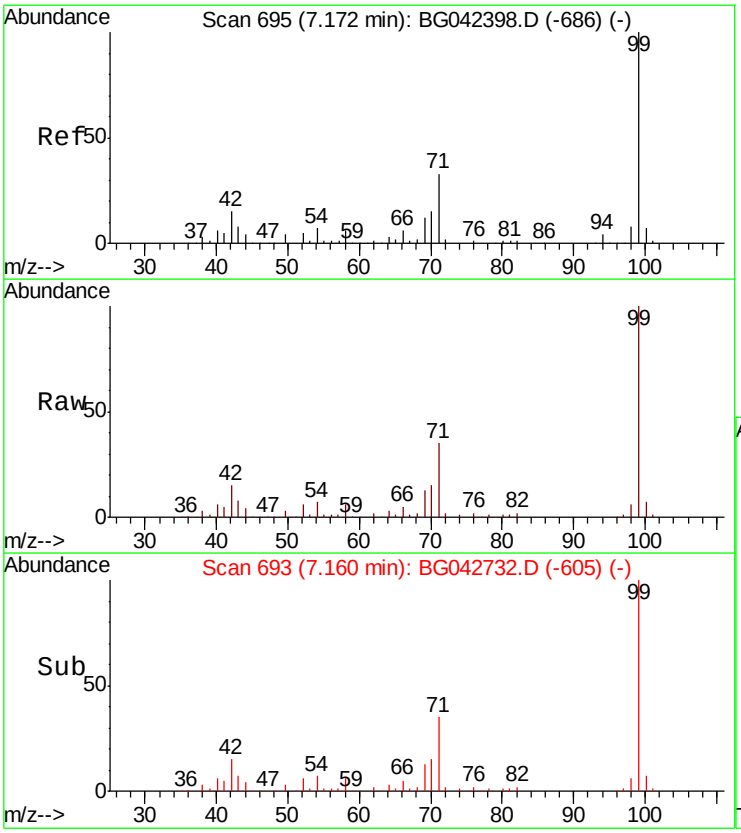
#5
2-Fluorophenol
Concen: 125.995 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 181842

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.8	64.2
63	28.4	22.7	34.1

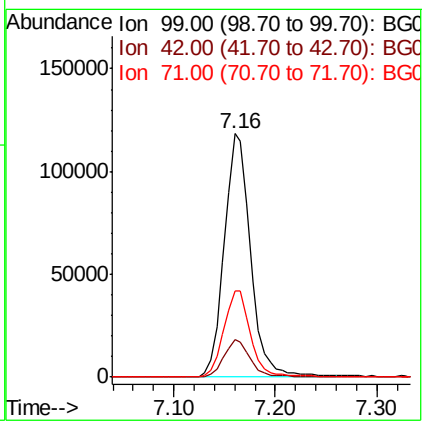


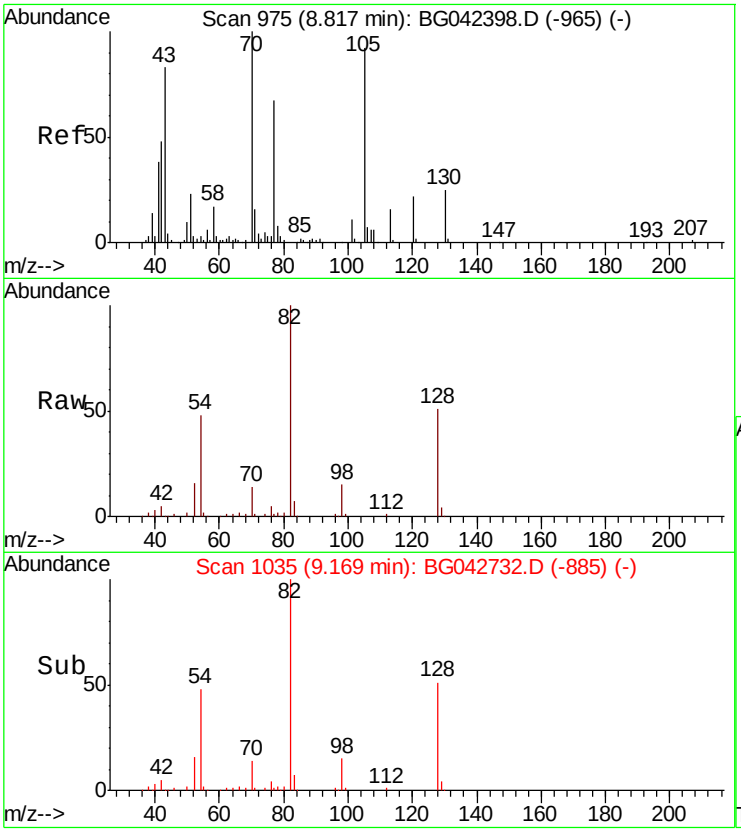


#7
Phenol-d6
Concen: 109.398 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Tgt Ion: 99 Resp: 213271

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.0	18.0
71	35.4	26.3	39.5



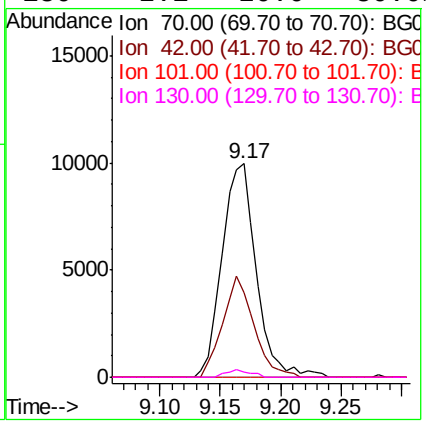


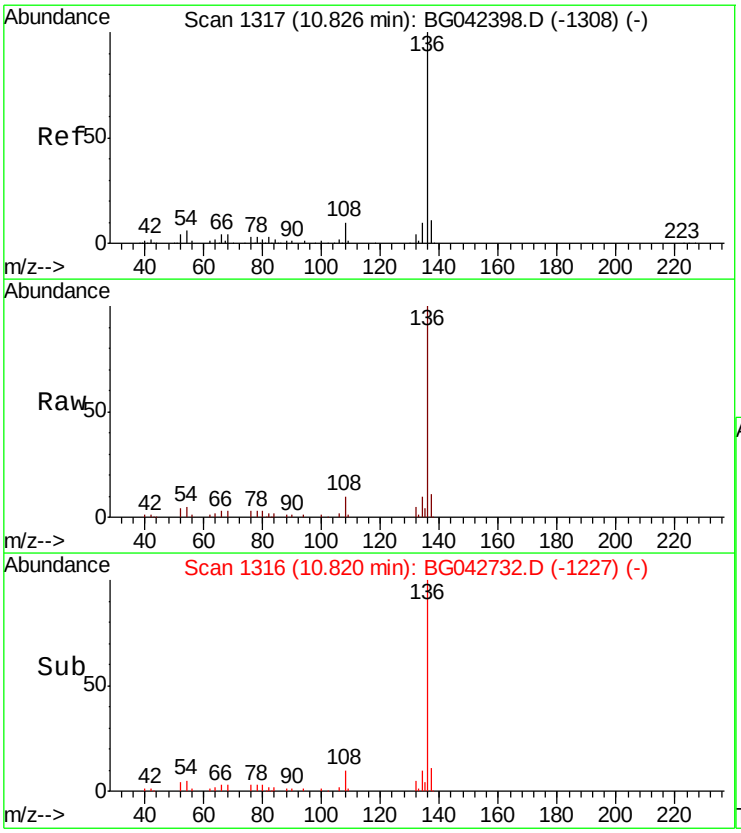
#19
n-Nitroso-di-n-propylamine
Concen: 15.496 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 19572

Ion	Ratio	Lower	Upper
70	100		
42	39.6	38.8	58.2
101	0.0	9.0	13.6#
130	2.1	20.0	30.0#

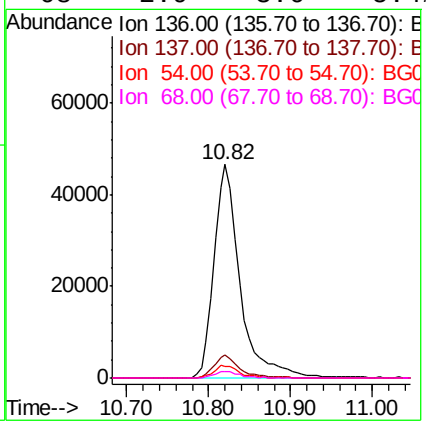


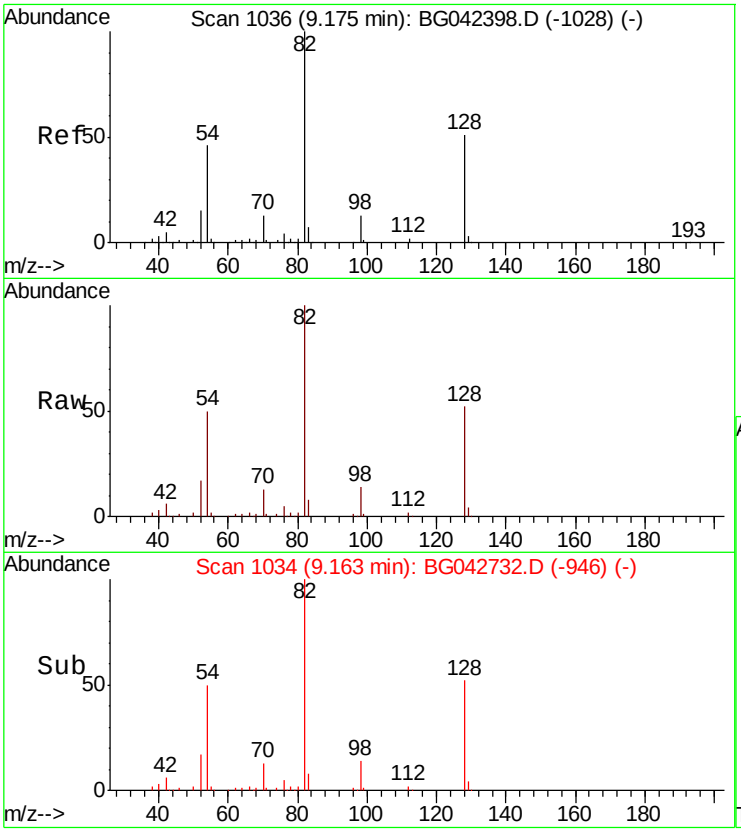


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Tgt Ion:136 Resp: 103458

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	5.3	4.9	7.3
68	2.9	3.6	5.4#



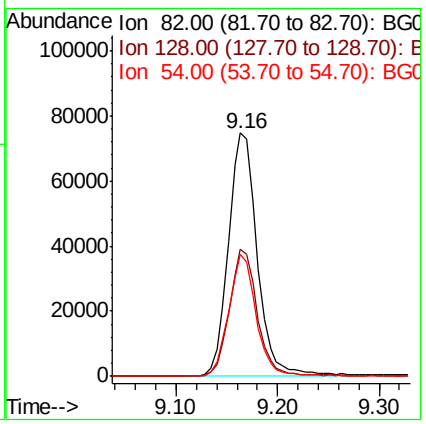


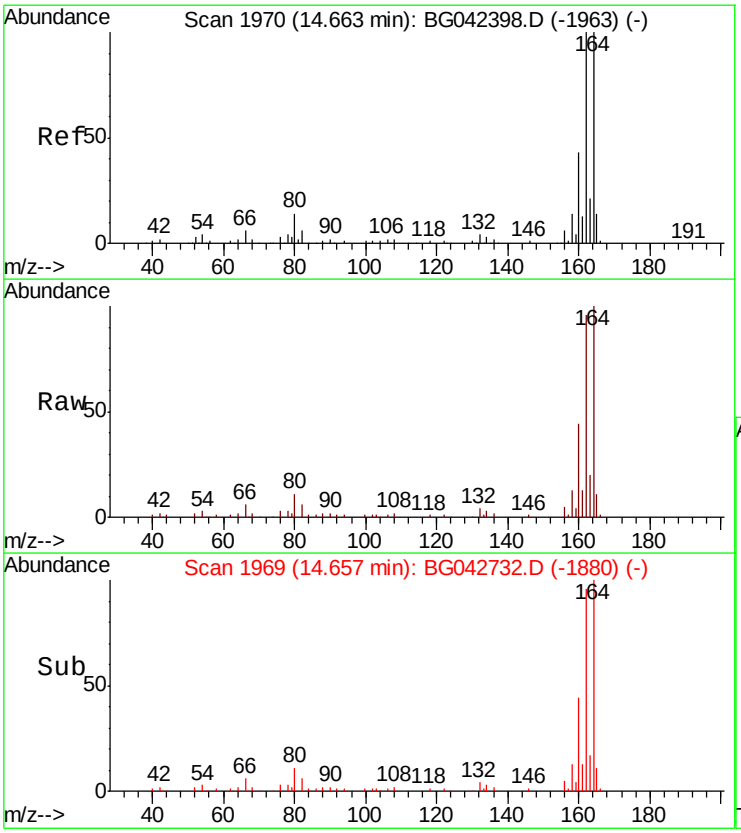
#23
Nitrobenzene-d5
Concen: 98.430 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 147363

Ion	Ratio	Lower	Upper
82	100		
128	52.5	40.7	61.1
54	50.1	36.3	54.5

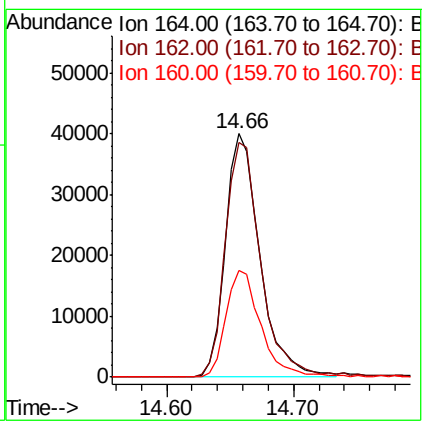


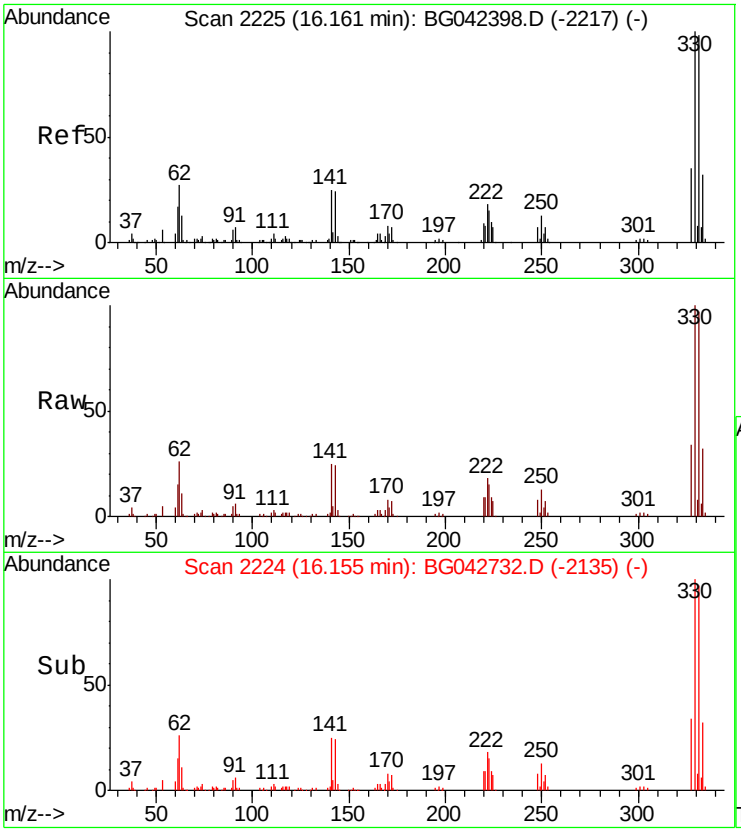


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Tgt Ion:164 Resp: 75175

Ion	Ratio	Lower	Upper
164	100		
162	96.2	79.9	119.9
160	43.8	34.3	51.5



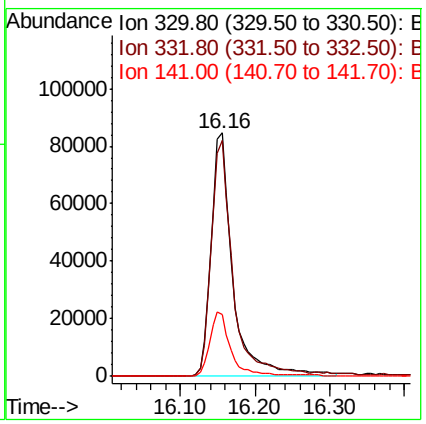


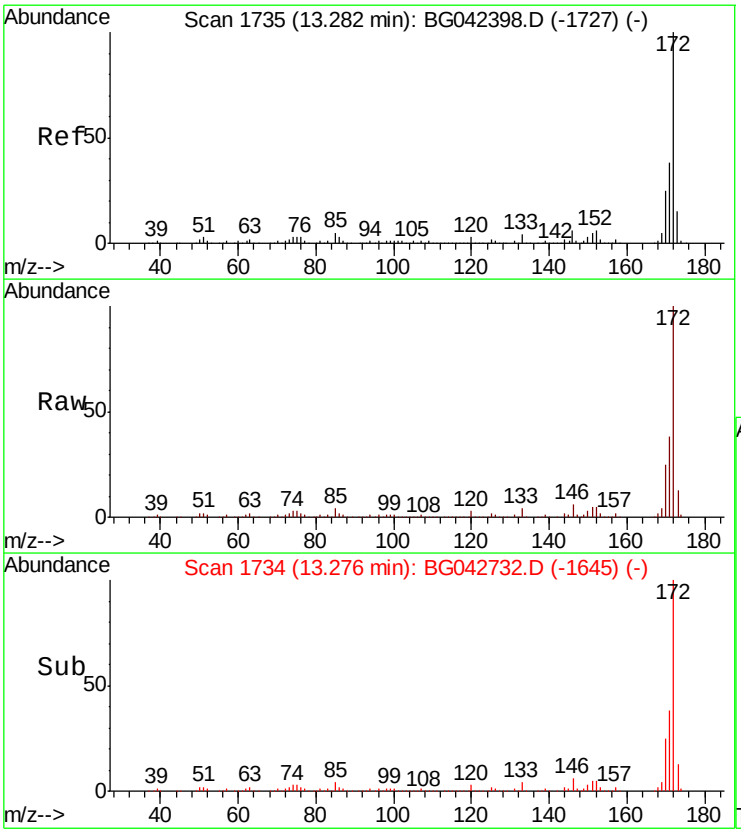
#42
2,4,6-Tribromophenol
Concen: 160.658 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 171661

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.0
141	26.4	21.4	32.0

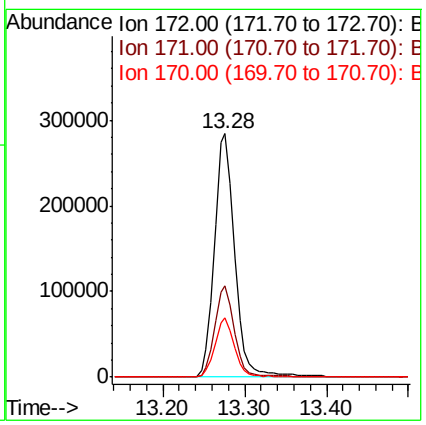


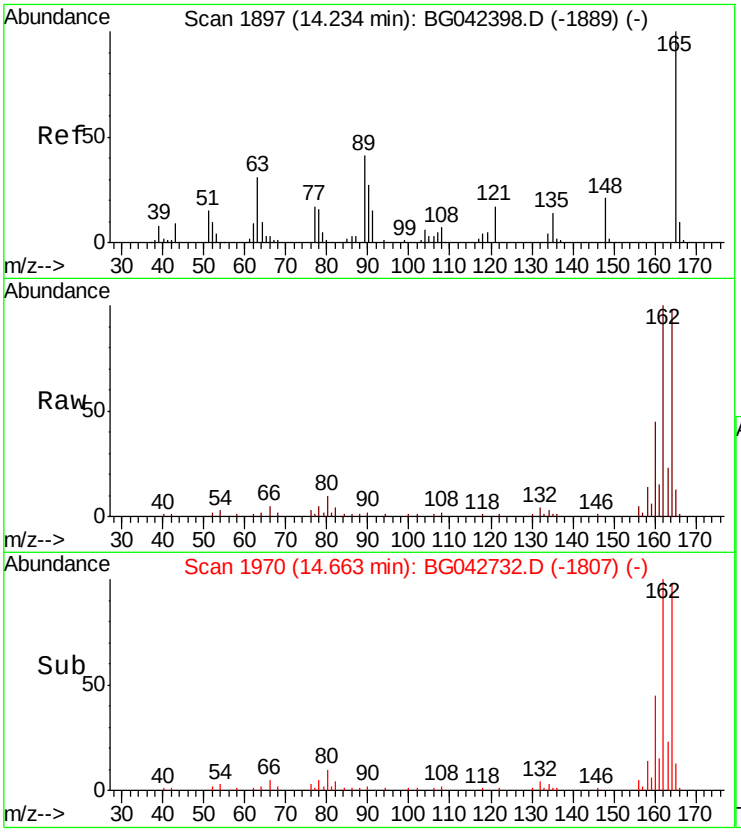


#45
2-Fluorobiphenyl
Concen: 111.040 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Tgt Ion:172 Resp: 493556

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	24.6	20.2	30.2



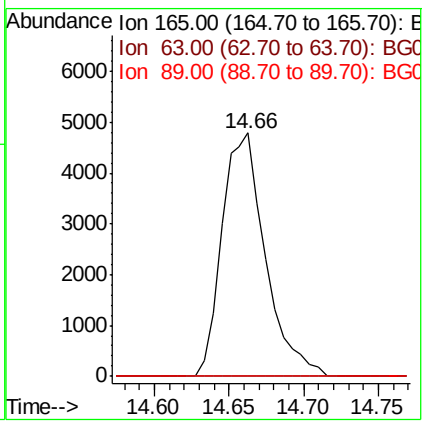


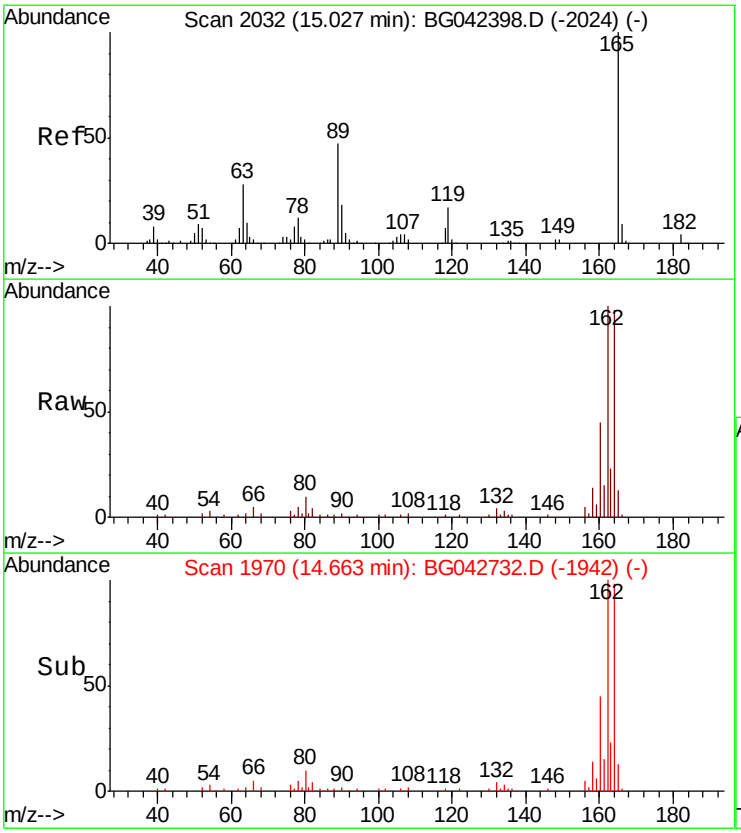
#51
2,6-Dinitrotoluene
Concen: 7.688 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.43 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9666

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

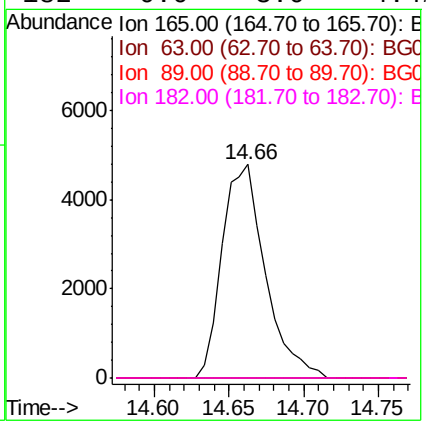


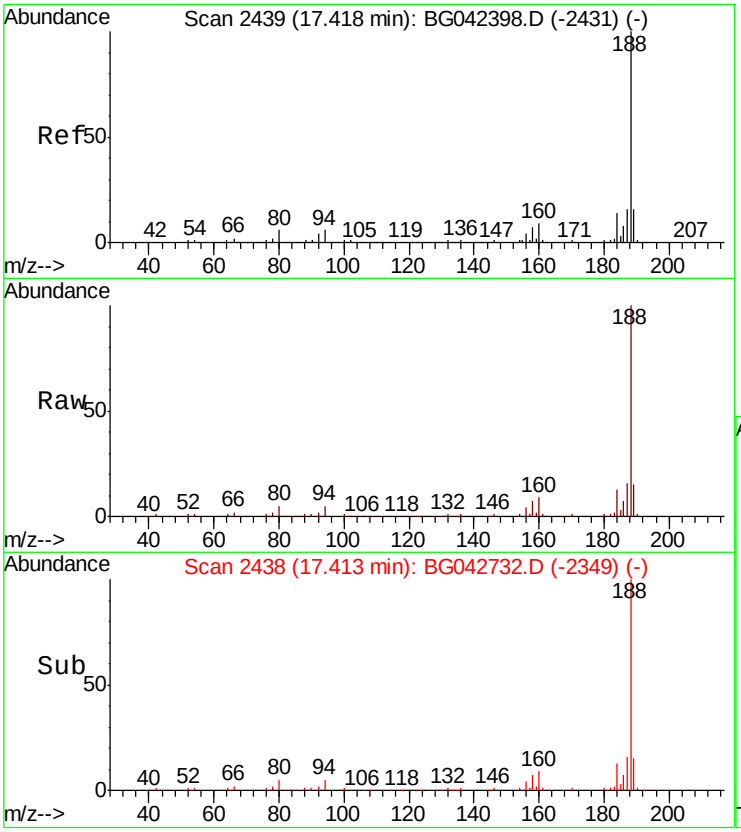


#57
2,4-Dinitrotoluene
Concen: 5.369 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Tgt Ion:165 Resp: 9666

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#



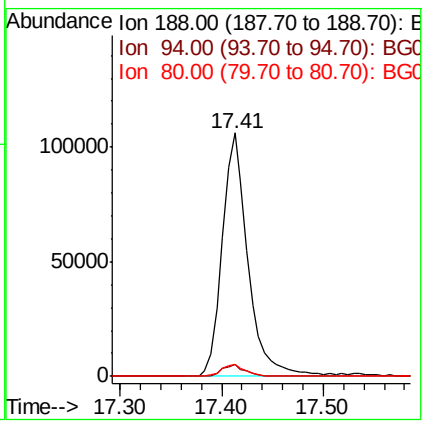


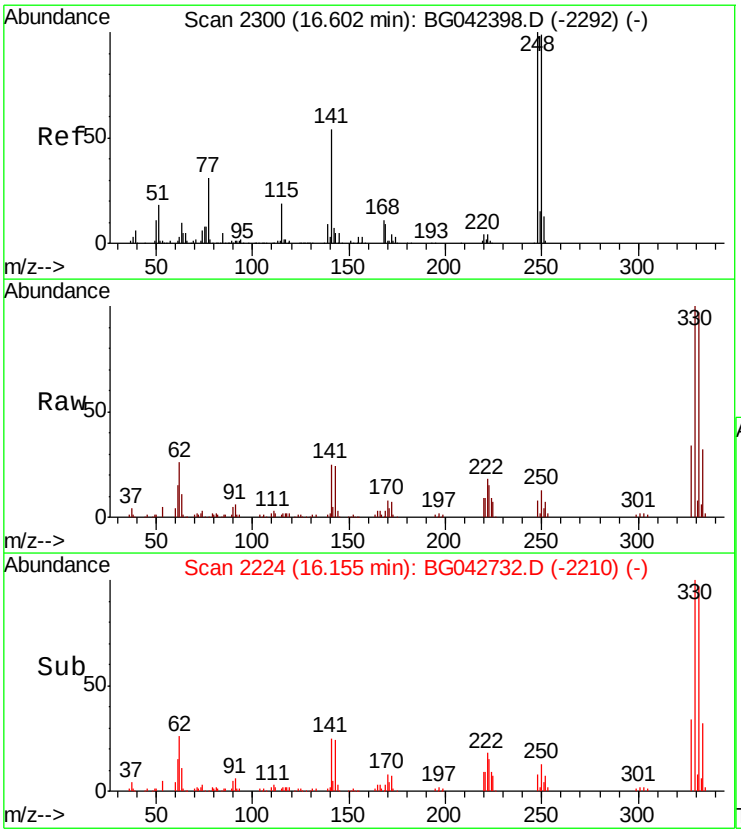
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 187055

Ion	Ratio	Lower	Upper
188	100		
94	4.8	4.5	6.7
80	4.8	4.9	7.3#

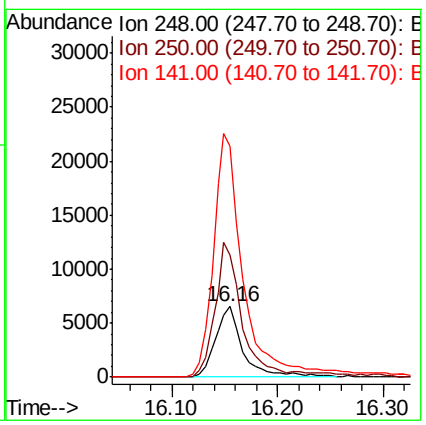


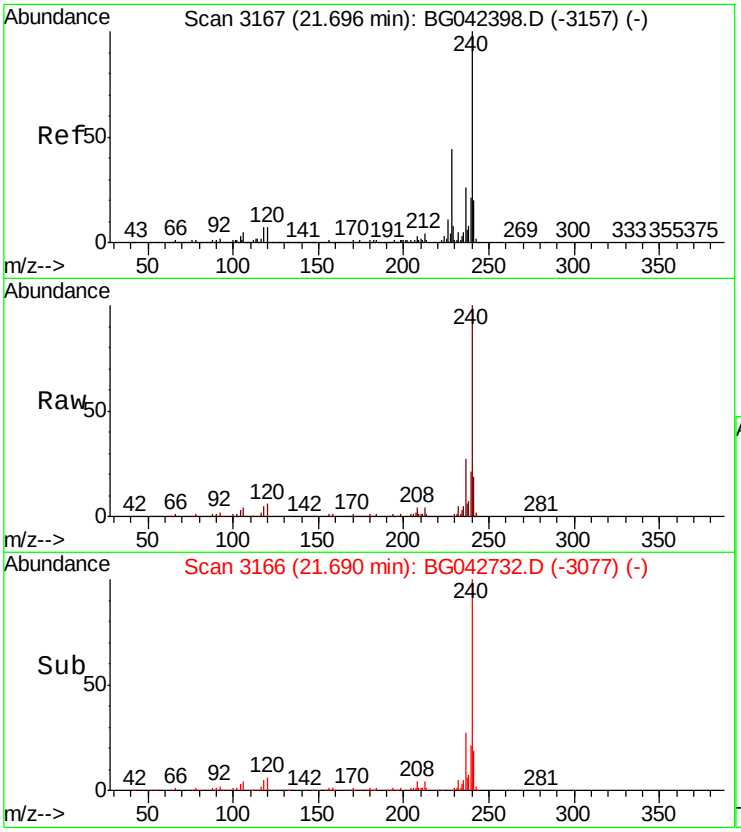


#67
4-Bromophenyl-phenylether
Concen: 4.968 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Tgt Ion:248 Resp: 11788

Ion	Ratio	Lower	Upper
248	100		
250	172.5	78.9	118.3#
141	326.8	43.3	64.9#



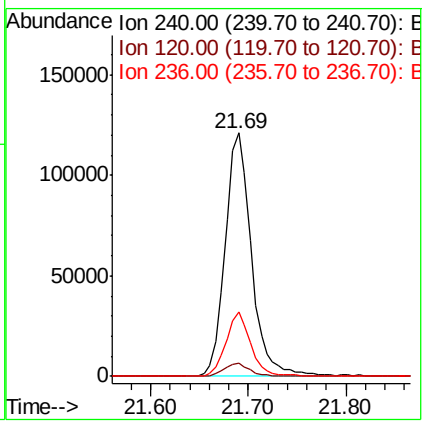


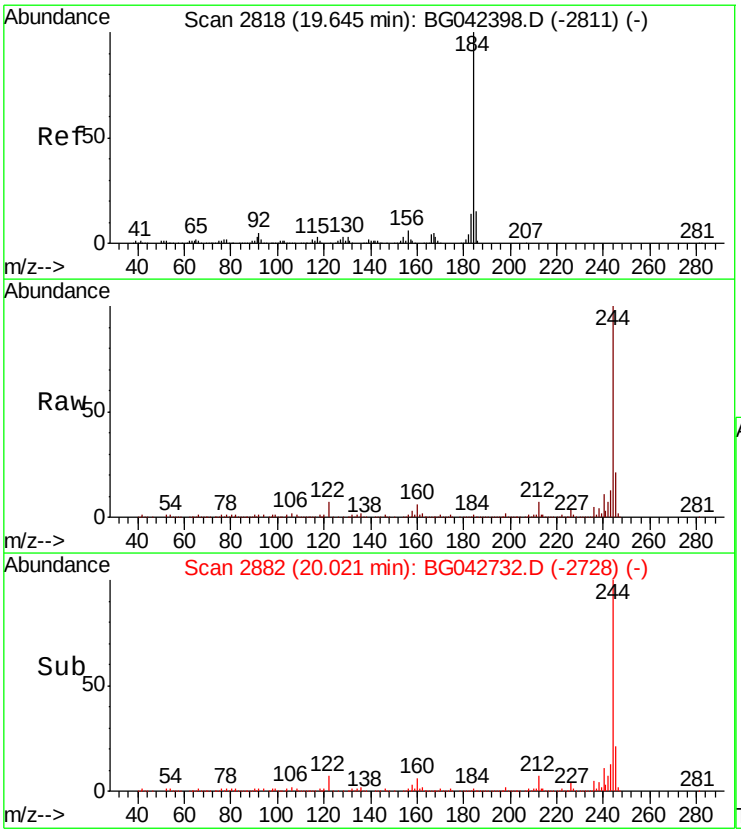
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 226286

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	26.7	21.0	31.4

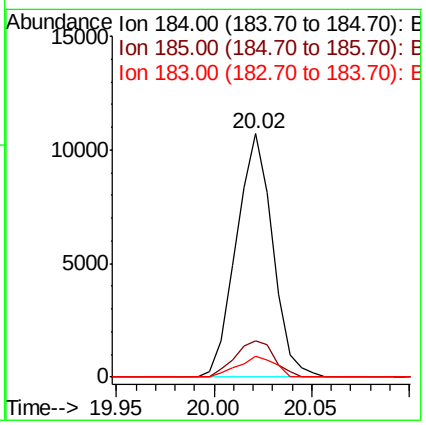


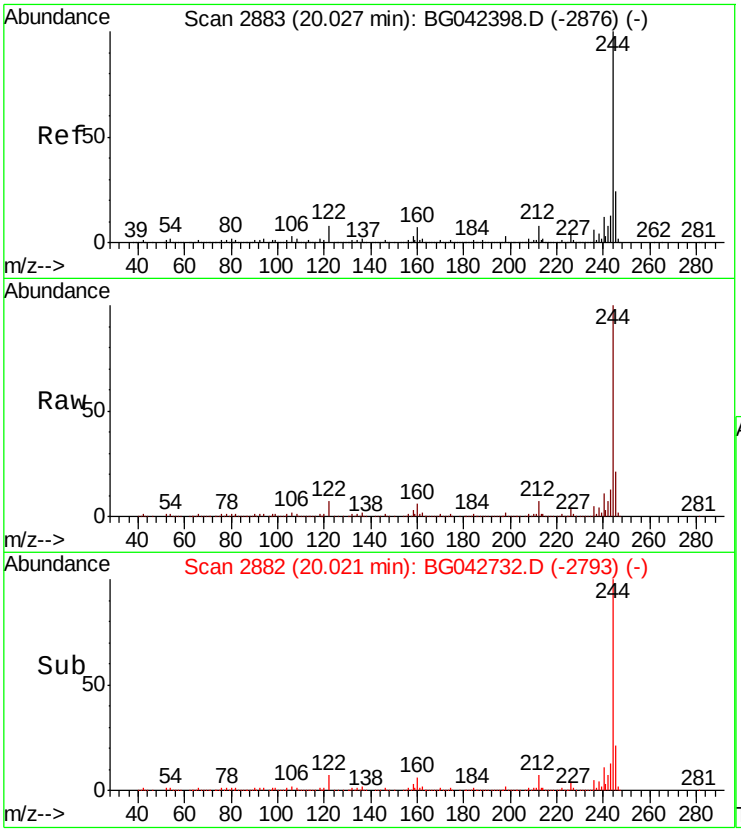


#77
Benzidine
Concen: 2.127 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.38 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Tgt Ion:184 Resp: 13802

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.4
183	8.4	10.8	16.2#



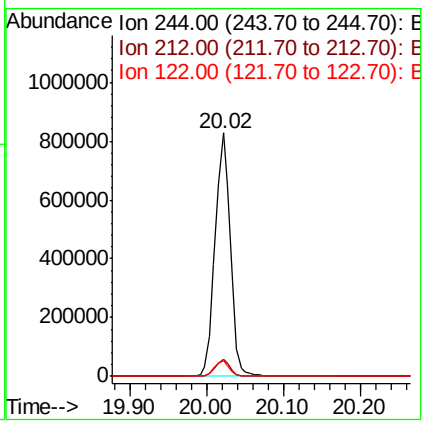


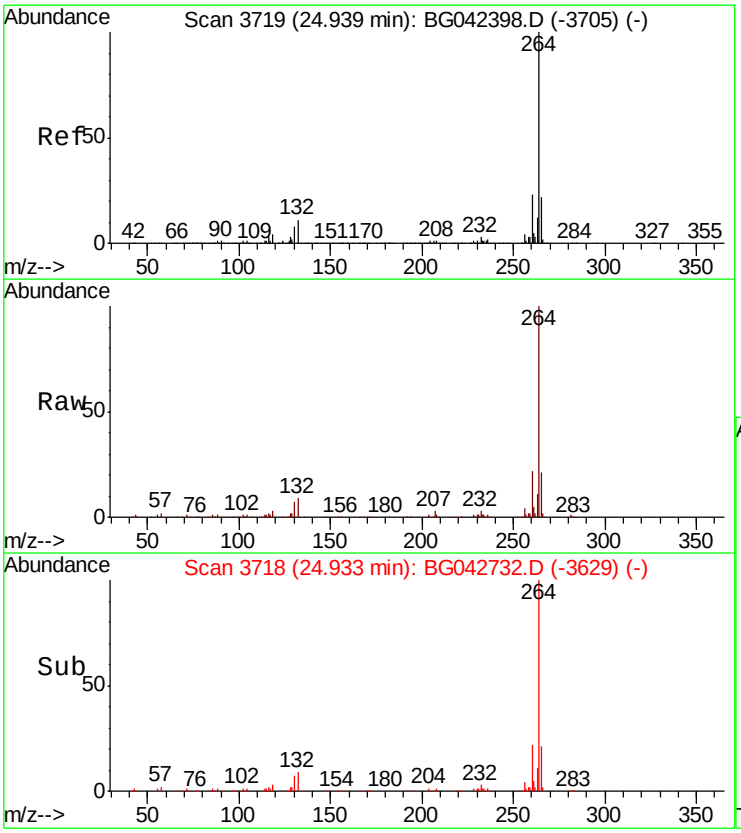
#79
Terphenyl-d14
Concen: 107.245 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042732.D
Acq: 5 Sep 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1122522

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	6.6	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: BG042732.D
Acq: 5 Sep 2019 22:35

Tgt Ion:264 Resp: 261819

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.5	27.7
265	20.7	17.6	26.4