Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
Data File : BG042581.D
Acq On : 30 Aug 2019 1:19
Operator : HP/JU
Sample : K4439-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5-(5-7)

Quant Time: Aug 30 05:37:57 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	38424	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	143543	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	103258	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	240234	20.00	ng		0.00
76) Chrysene-d12	21.69	240	267105	20.00	ng		0.00
87) Perylene-d12	24.92	264	319073	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	343119	180.85	ng		0.00
7) Phenol-d6	7.17	99	459480	179.30	ng		0.00
23) Nitrobenzene-d5	9.17	82	261956	126.11	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	277336	188.97	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	772550	126.54	ng		0.00
79) Terphenyl-d14	20.02	244	1328464	107.52	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	10710	4.110	ng		86
15) Benzyl Alcohol	8.32	79	4100	2.224	ng	#	50
19) n-Nitroso-di-n-propylamine	9.17	70	34812	20.968	ng	#	75
50) Dimethylphthalate	14.11	163	76489	10.266	ng		97
57) 2,4-Dinitrotoluene	14.65	165	13679	5.531	ng	#	38
67) 4-Bromophenyl-phenylether	16.15	248	19014	6.240	ng	#	1
77) Benzidine	20.02	184	17788	2.323	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
Data File : BG042581.D
Acq On : 30 Aug 2019 1:19
Operator : HP/JU
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Misc :
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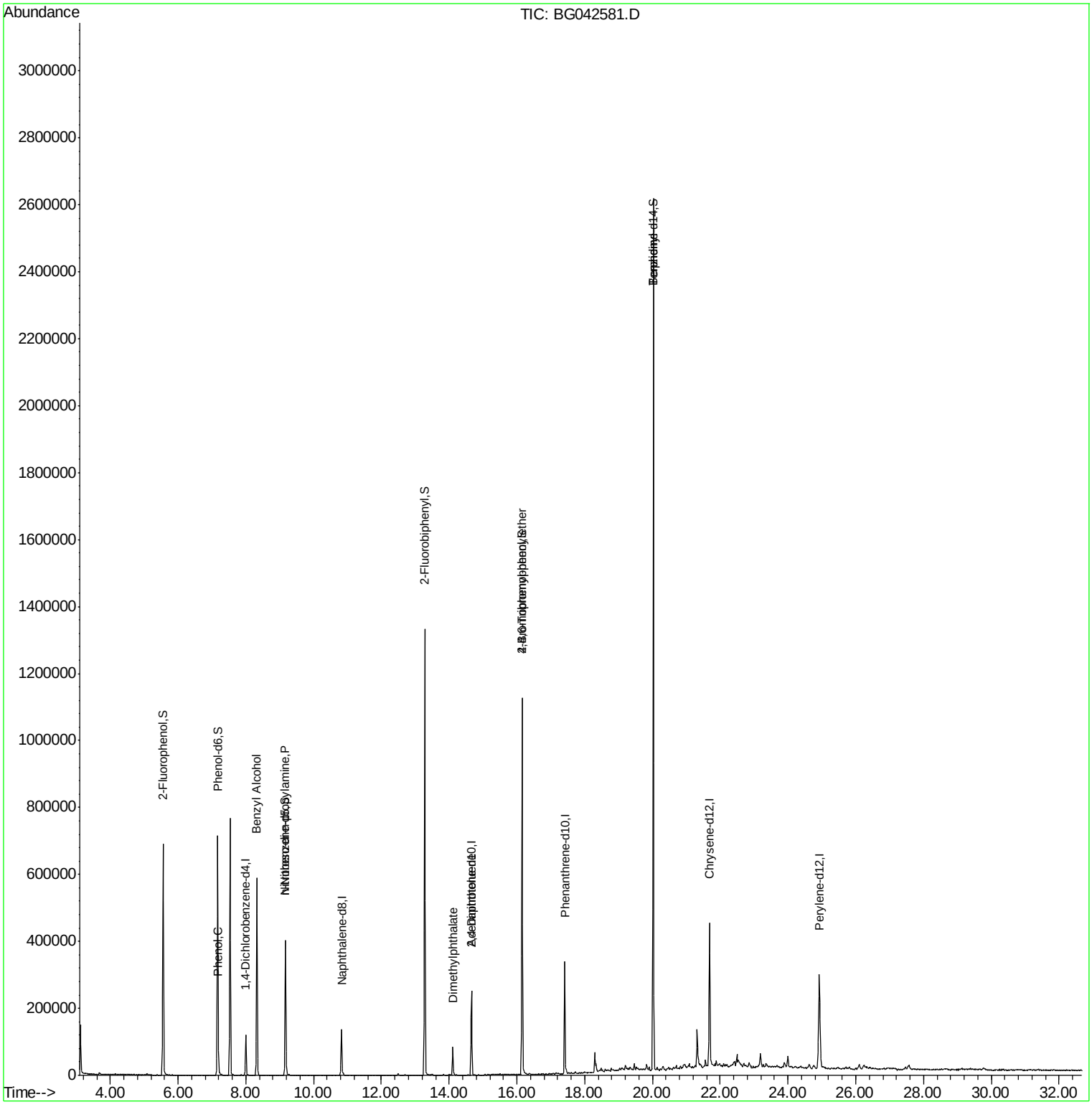
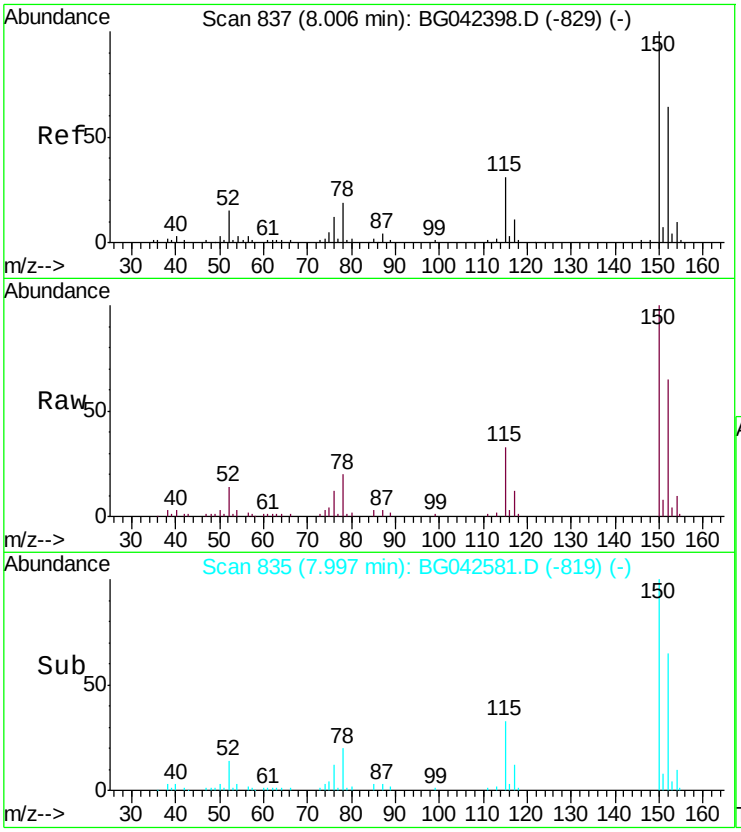
Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Quant Time: Aug 30 05:37:57 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



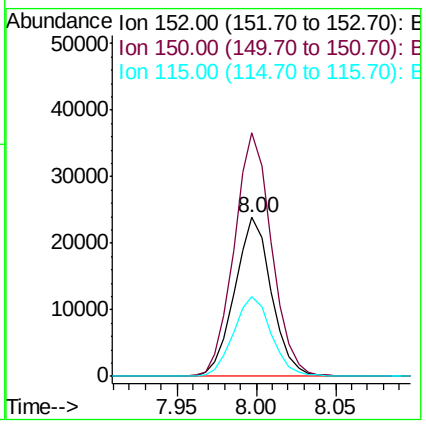


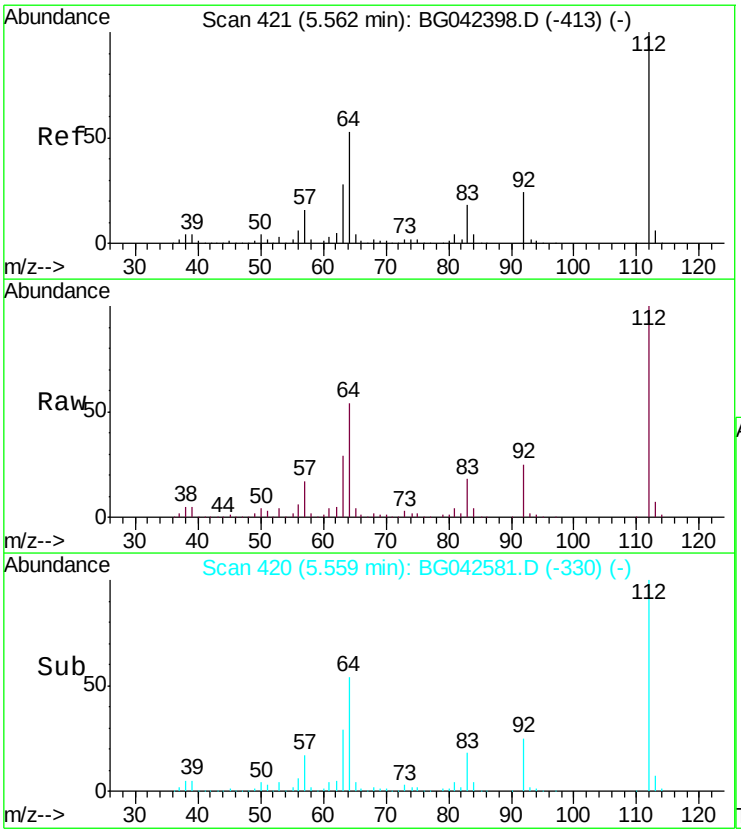
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion:152 Resp: 38424

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.4	188.0
115	49.9	38.5	57.7

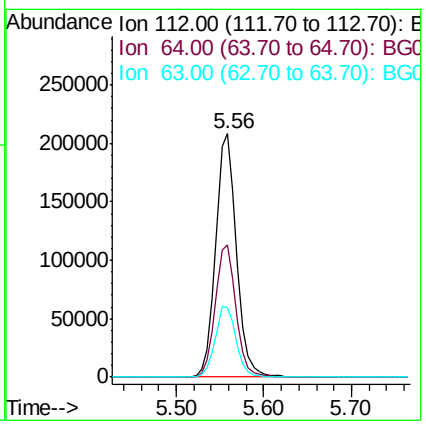


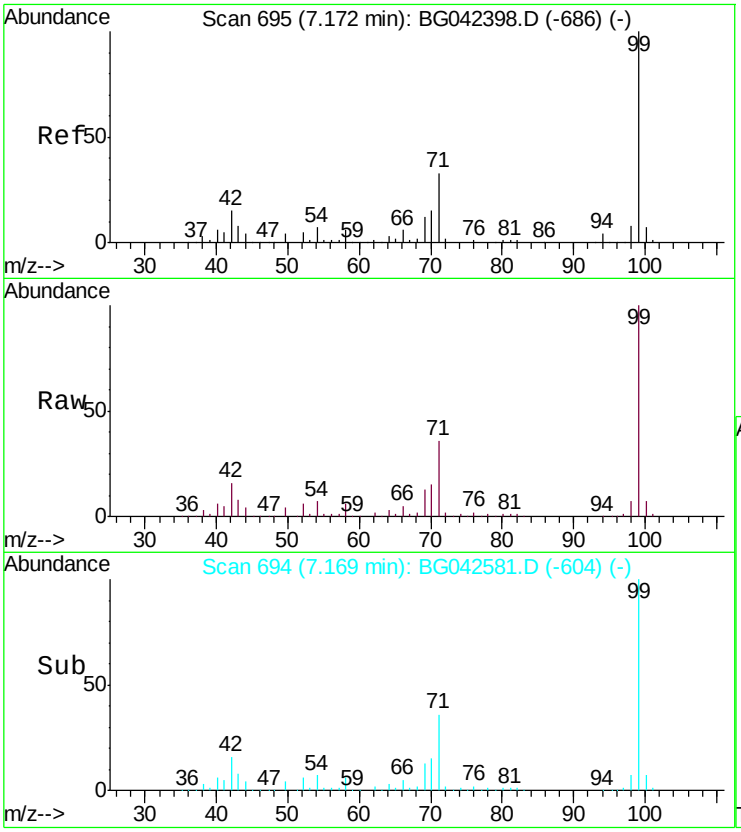


#5
2-Fluorophenol
Concen: 180.855 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion:112 Resp: 343119

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.8	64.2
63	28.8	22.7	34.1



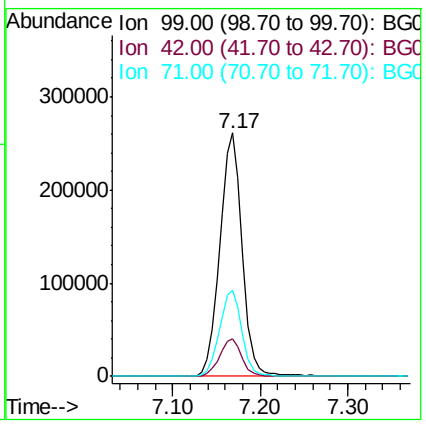


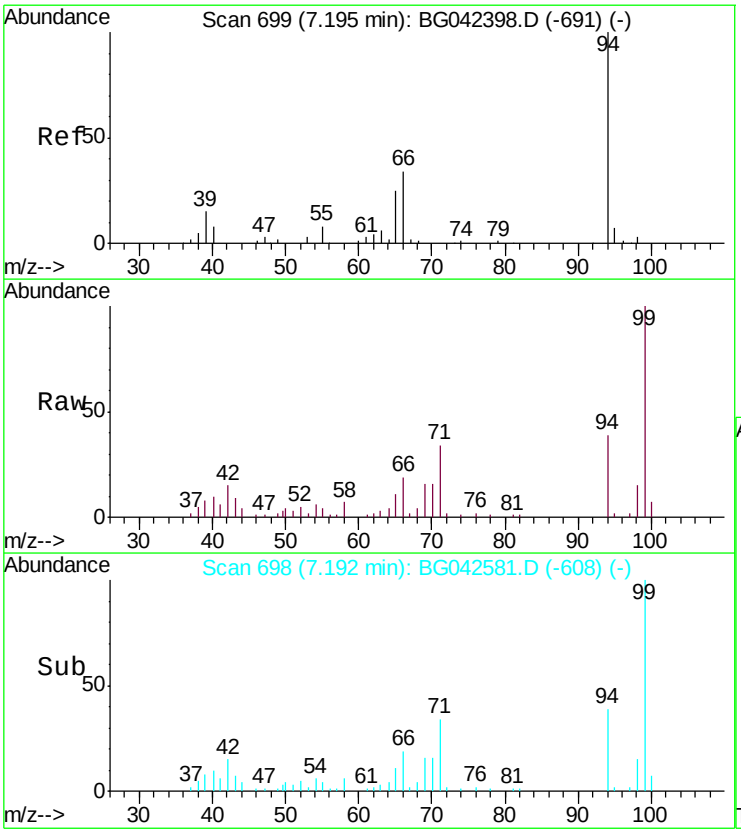
#7
Phenol-d6
Concen: 179.295 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion: 99 Resp: 459480

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.0	18.0
71	35.5	26.3	39.5

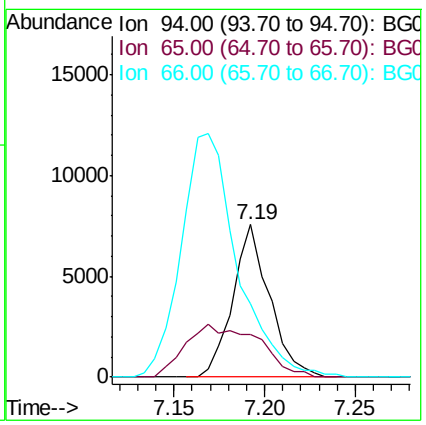


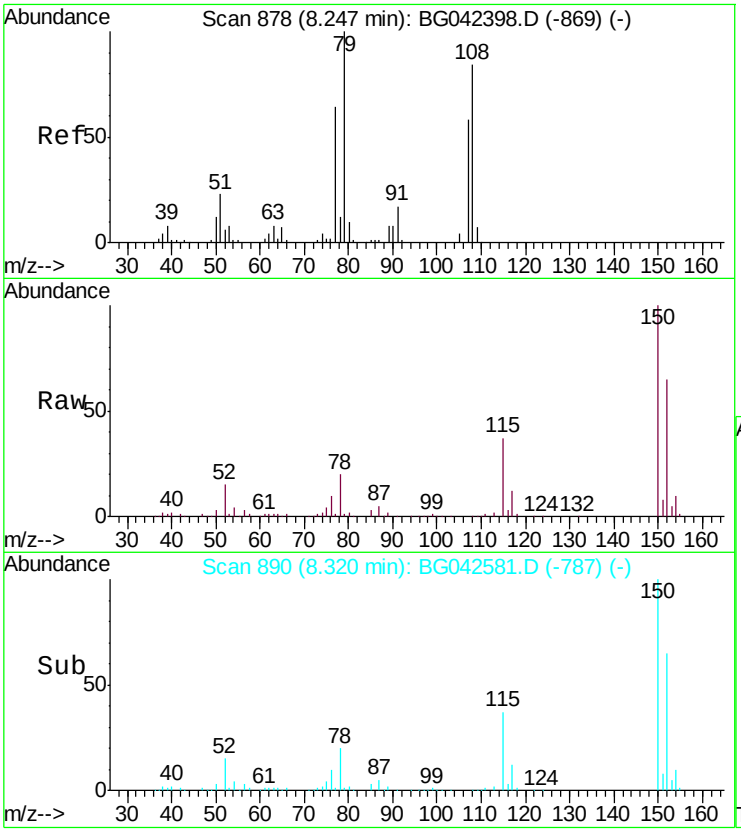


#10
Phenol
Concen: 4.110 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion: 94 Resp: 10710

Ion	Ratio	Lower	Upper
94	100		
65	27.6	5.6	45.6
66	48.5	16.0	56.0



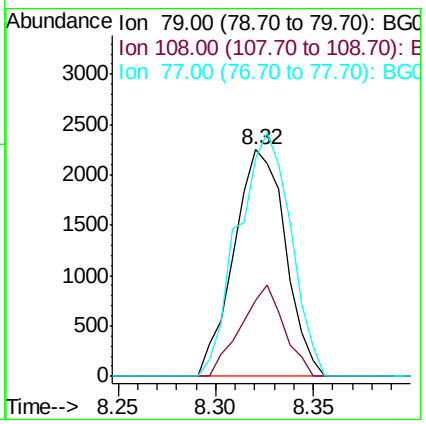


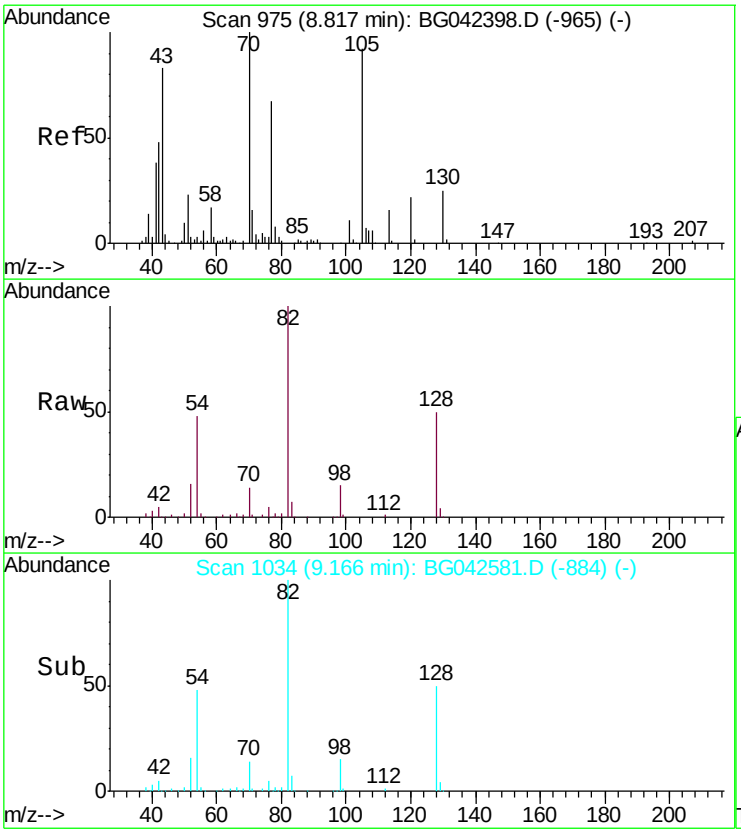
#15
Benzyl Alcohol
Concen: 2.224 ng
RT: 8.32 min Scan# 890
Delta R.T. 0.07 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion: 79 Resp: 4100

Ion	Ratio	Lower	Upper
79	100		
108	33.7	67.4	101.2#
77	96.4	50.8	76.2#

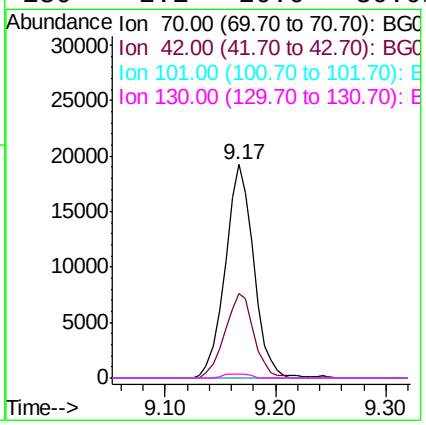


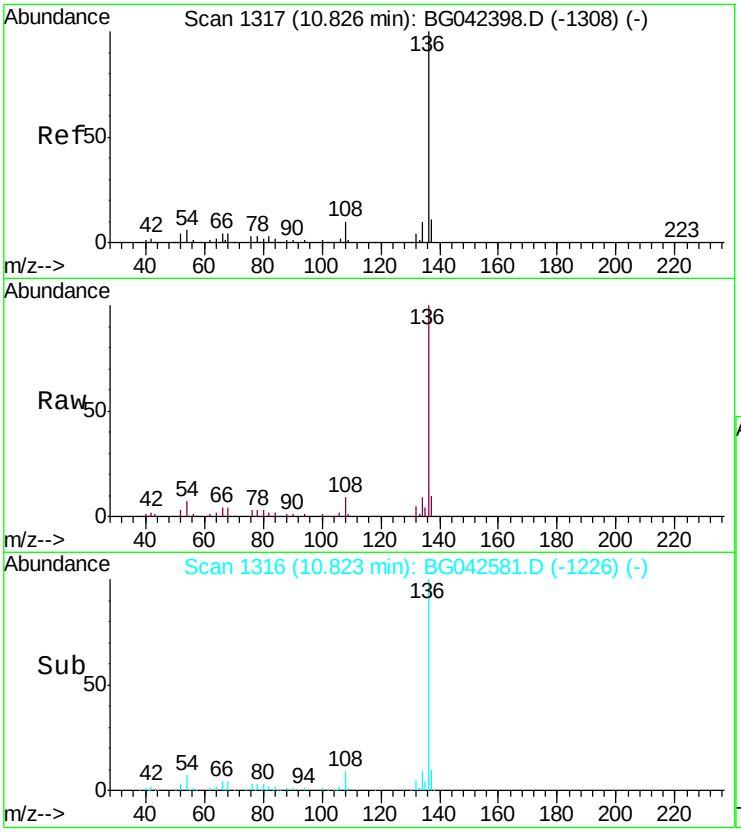


#19
n-Nitroso-di-n-propylamine
Concen: 20.968 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion: 70 Resp: 34812

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#



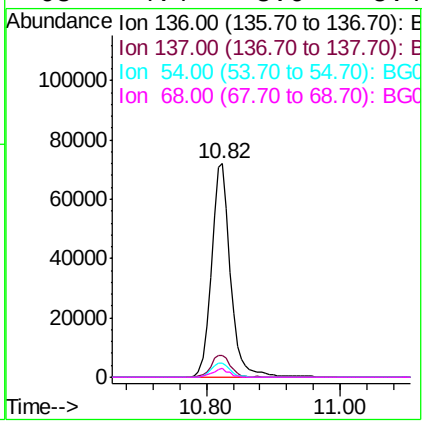


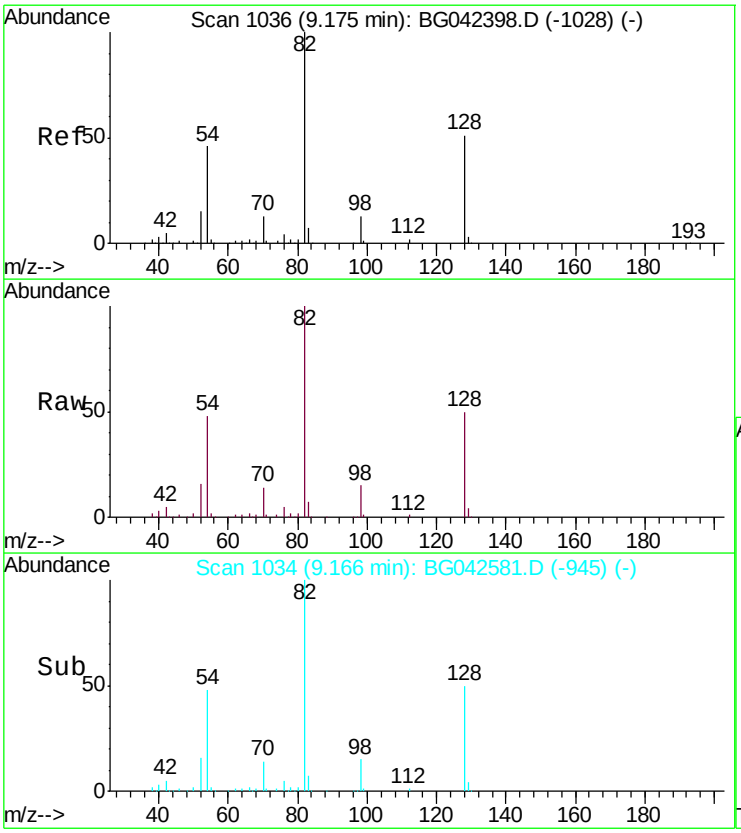
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion:136 Resp: 143543

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	6.6	4.9	7.3
68	4.4	3.6	5.4

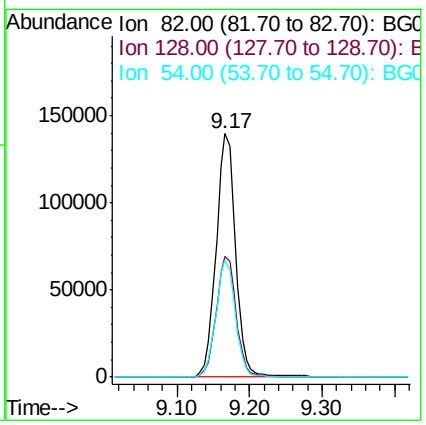


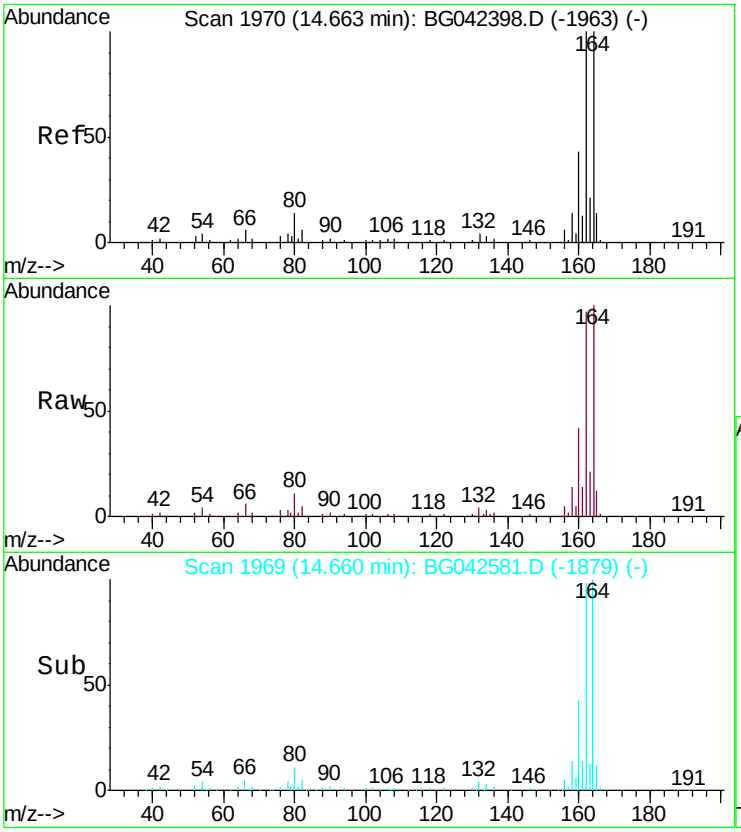


#23
Nitrobenzene-d5
Concen: 126.110 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion: 82 Resp: 261956

Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.7	61.1
54	48.0	36.3	54.5



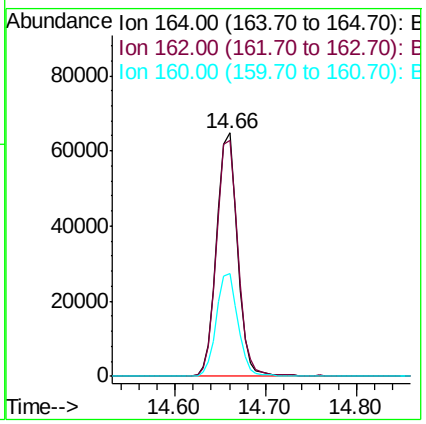


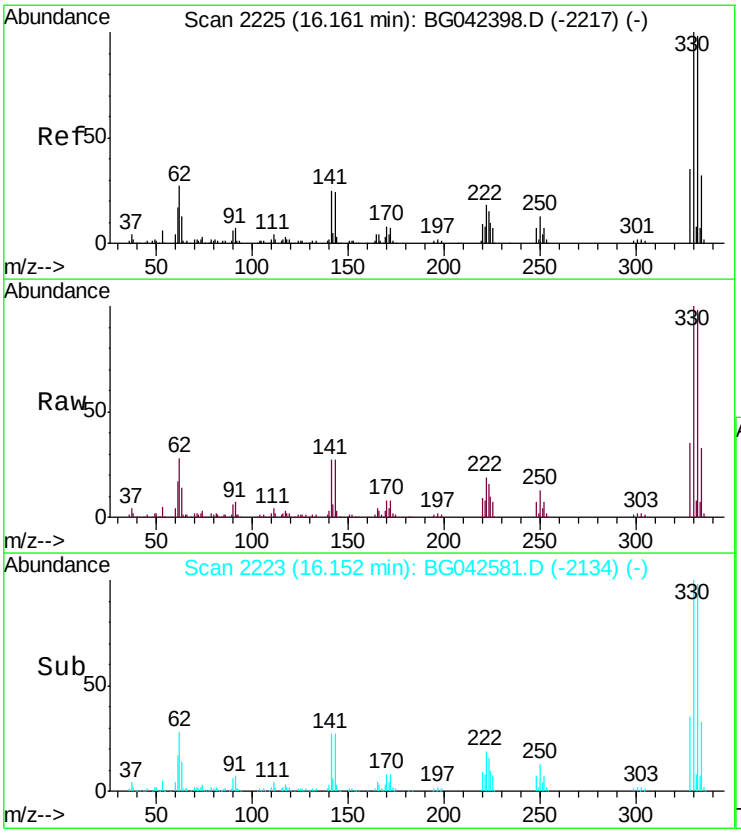
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion:164 Resp: 103258

Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.9	119.9
160	42.4	34.3	51.5

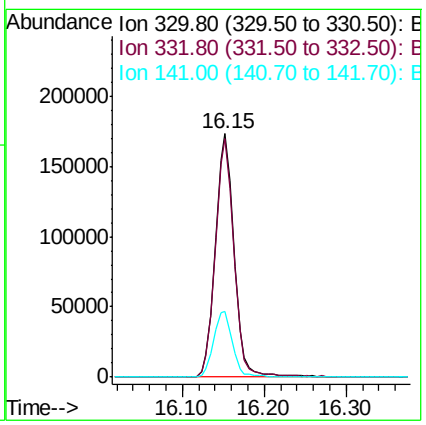


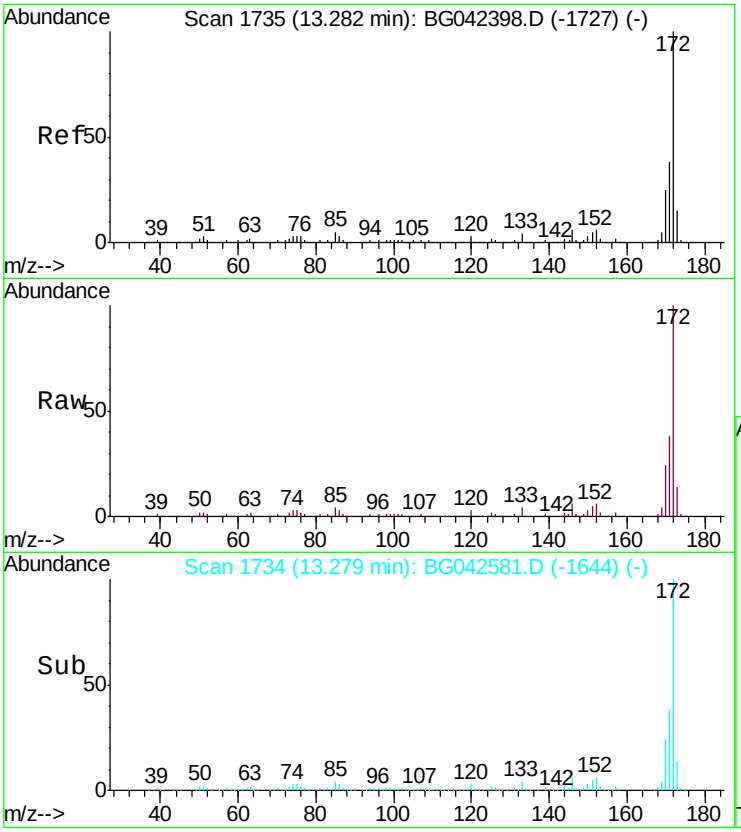


#42
2,4,6-Tribromophenol
Concen: 188.967 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion:330 Resp: 277336

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	27.6	21.4	32.0



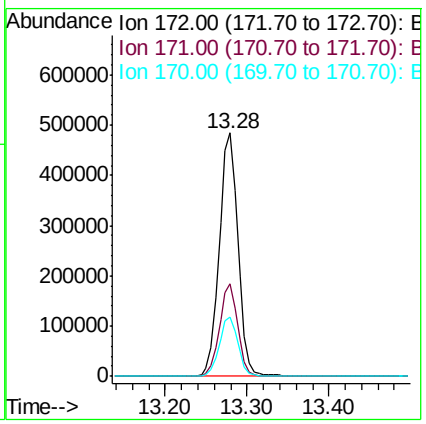


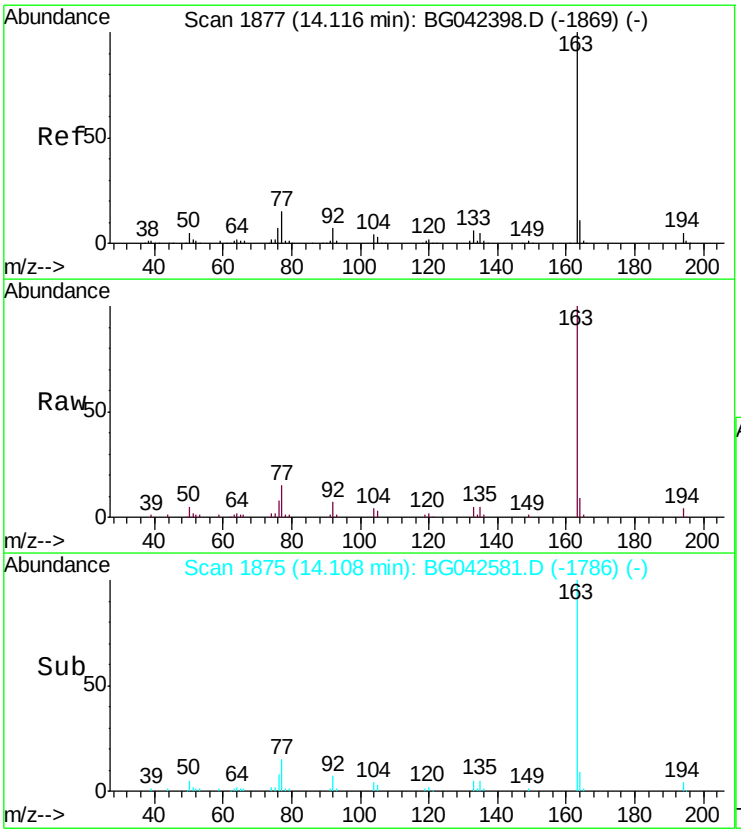
#45
2-Fluorobiphenyl
Concen: 126.538 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion:172 Resp: 772550

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	24.4	20.2	30.2

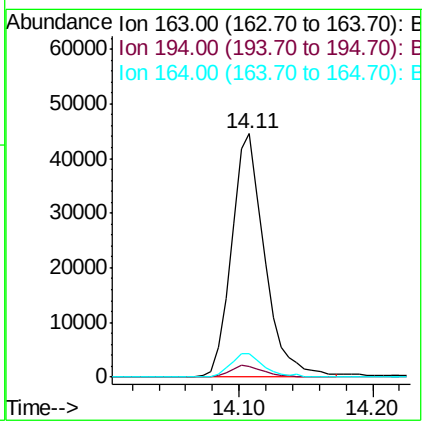


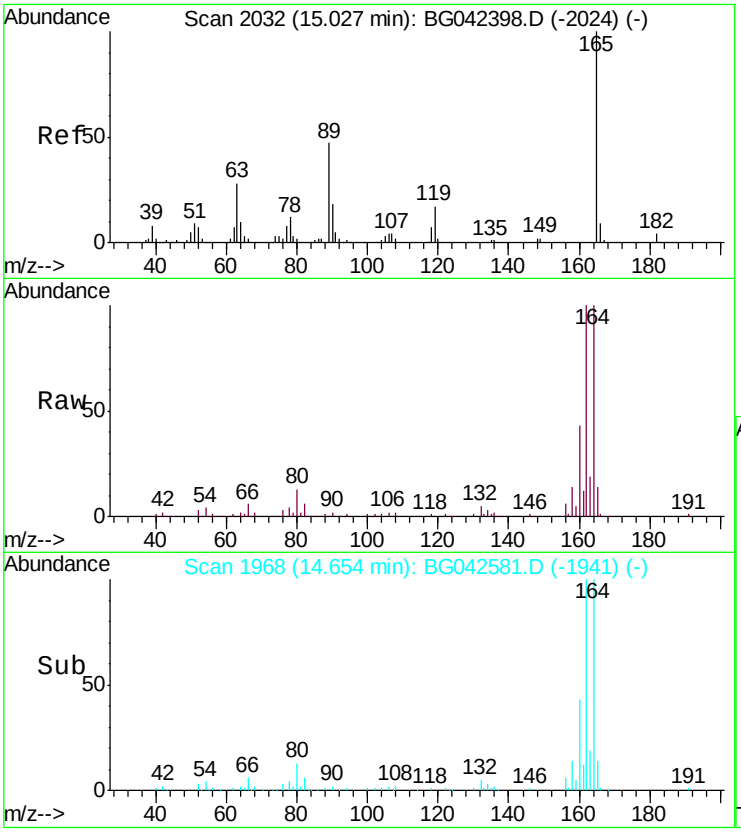


#50
Dimethylphthalate
Concen: 10.266 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion:163 Resp: 76489

Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.2	6.2
164	9.5	8.8	13.2



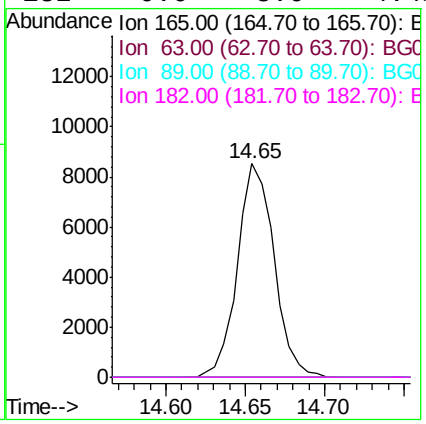


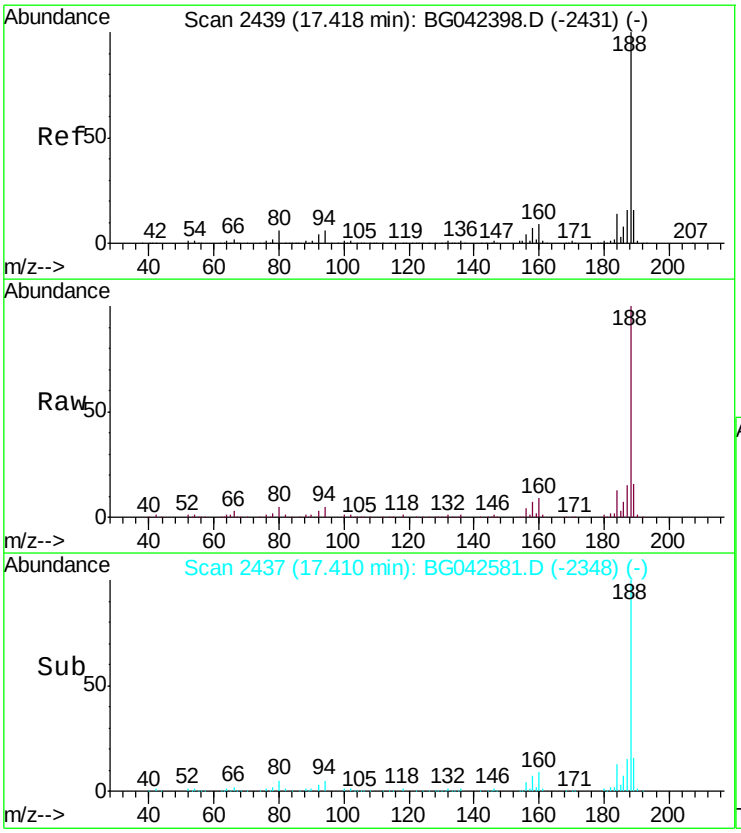
#57
2,4-Dinitrotoluene
Concen: 5.531 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.37 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion:165 Resp: 13679

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#

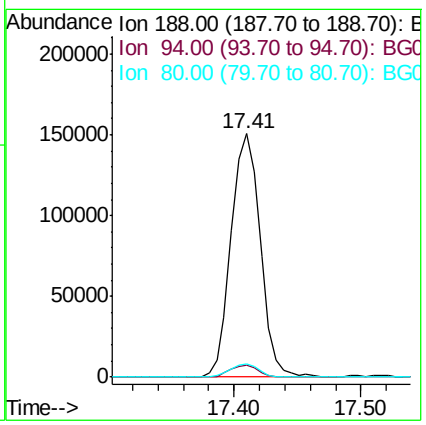


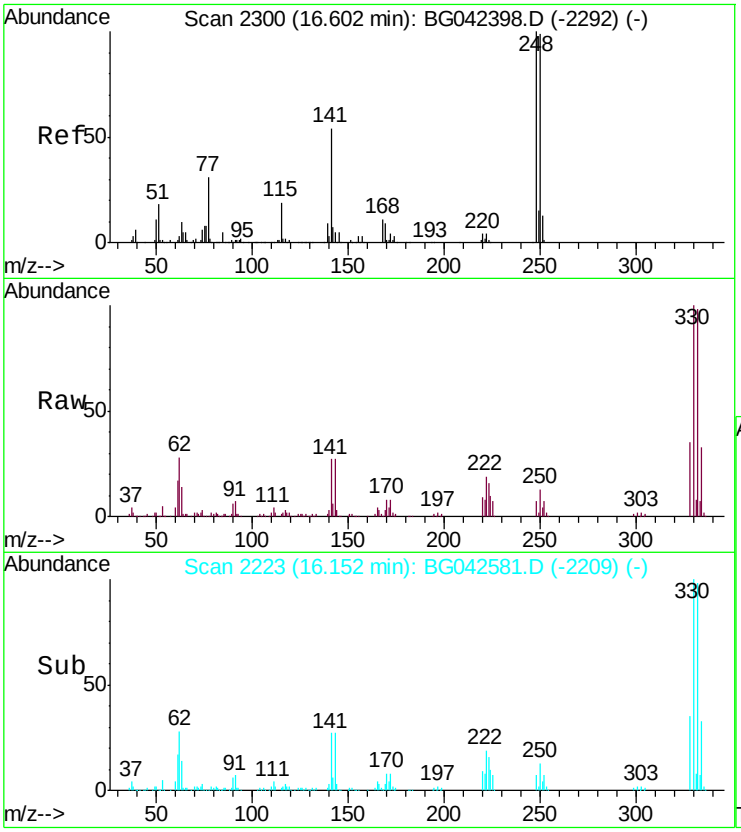


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion:188 Resp: 240234

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.5	6.7
80	5.2	4.9	7.3



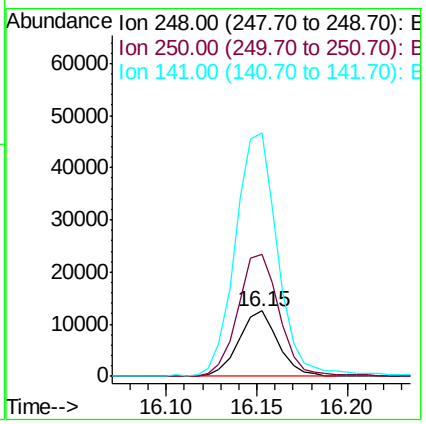


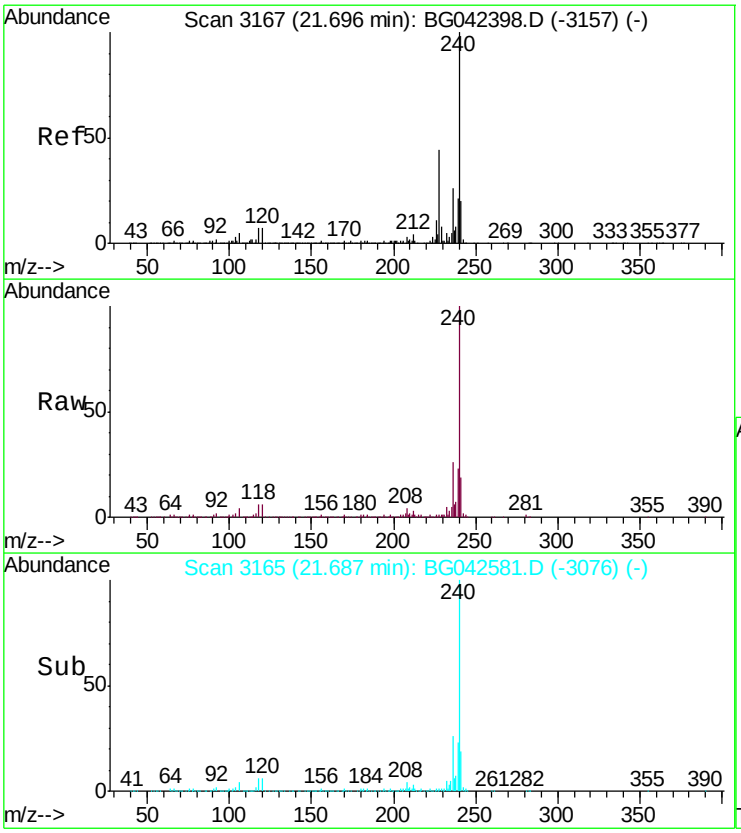
#67
4-Bromophenyl-phenylether
Concen: 6.240 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion:248 Resp: 19014

Ion	Ratio	Lower	Upper
248	100		
250	186.6	78.9	118.3#
141	373.8	43.3	64.9#

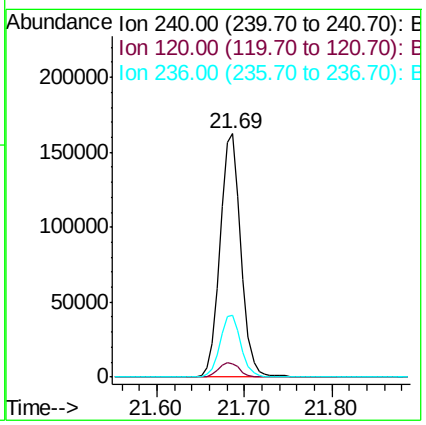


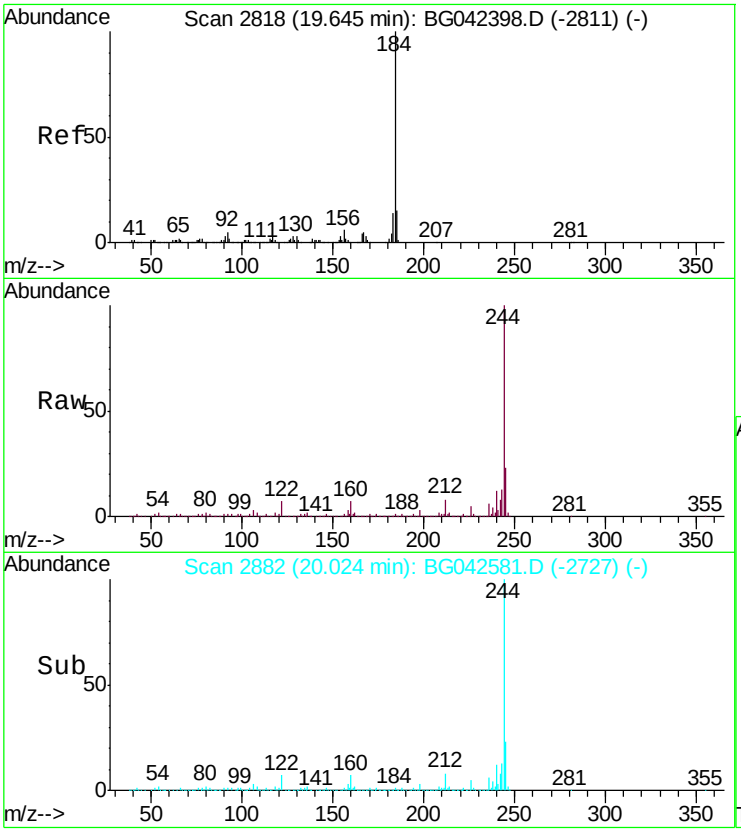


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion:240 Resp: 267105

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5#
236	25.6	21.0	31.4



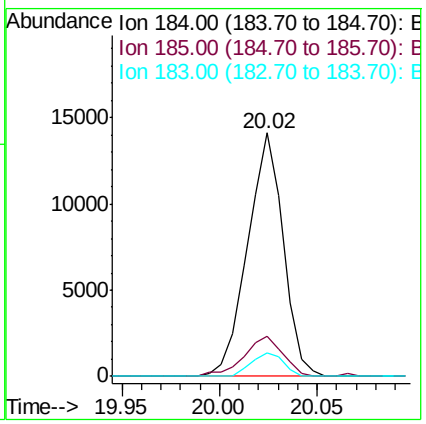


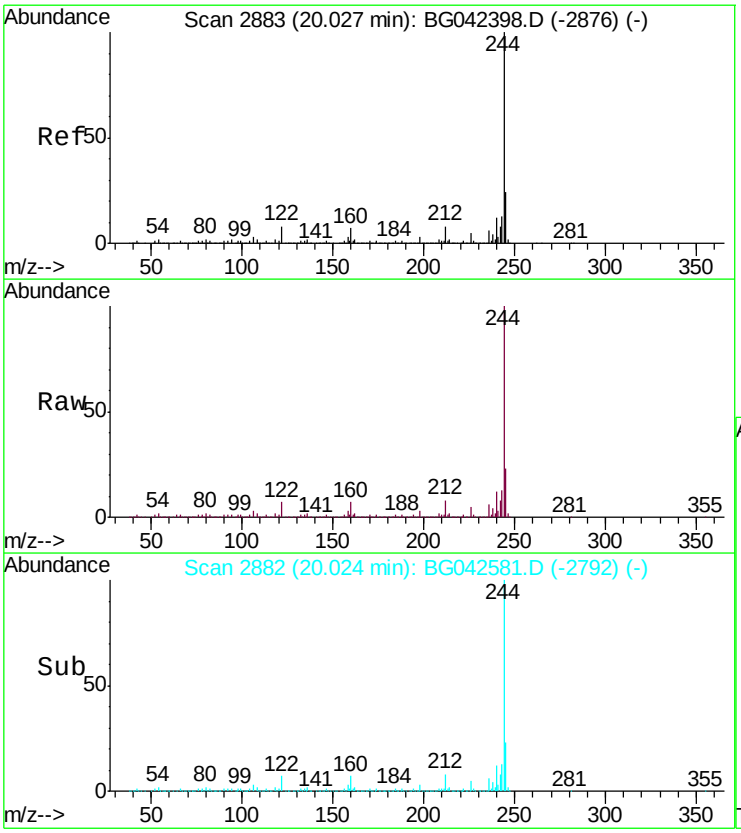
#77
Benzidine
Concen: 2.323 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.38 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion:184 Resp: 17788

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.2	18.4
183	9.9	10.8	16.2#

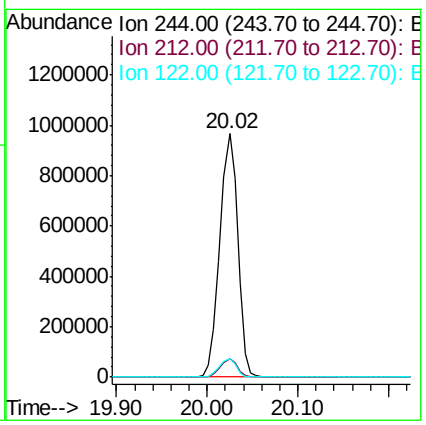


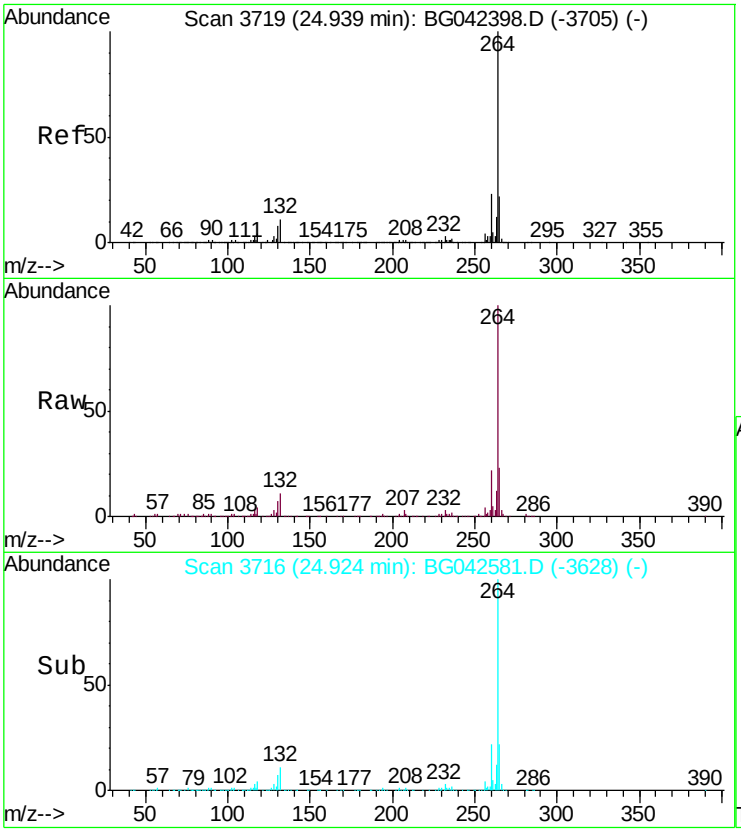


#79
Terphenyl-d14
Concen: 107.524 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion:244 Resp: 1328464

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	7.3	6.7	10.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion:264 Resp: 319073

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	22.6	17.6	26.4