Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042461.D
Acq On : 24 Aug 2019 10:53
Operator : HP/JU
Sample : K4487-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 26 05:00:14 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	68441	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	270003	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	189775	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	408768	20.00	ng	0.00
76) Chrysene-d12	21.69	240	398781	20.00	ng	-0.01
87) Perylene-d12	24.93	264	460409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	458402	135.65	ng	0.00
7) Phenol-d6	7.17	99	569081	124.67	ng	0.00
23) Nitrobenzene-d5	9.17	82	408620	104.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	347201	128.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1140778	101.67	ng	0.00
79) Terphenyl-d14	20.03	244	1796618	97.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	24869	17.634	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	51800	17.516	ng	# 72
50) Dimethylphthalate	14.11	163	45429	3.318	ng	98
51) 2,6-Dinitrotoluene	14.66	165	25321	7.978	ng	# 37
57) 2,4-Dinitrotoluene	14.66	165	25321	5.571	ng	# 39
67) 4-Bromophenyl-phenylether	16.15	248	24657	4.755	ng	# 1
77) Benzidine	20.03	184	26319	2.302	ng	# 95

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

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ClientSampleId :

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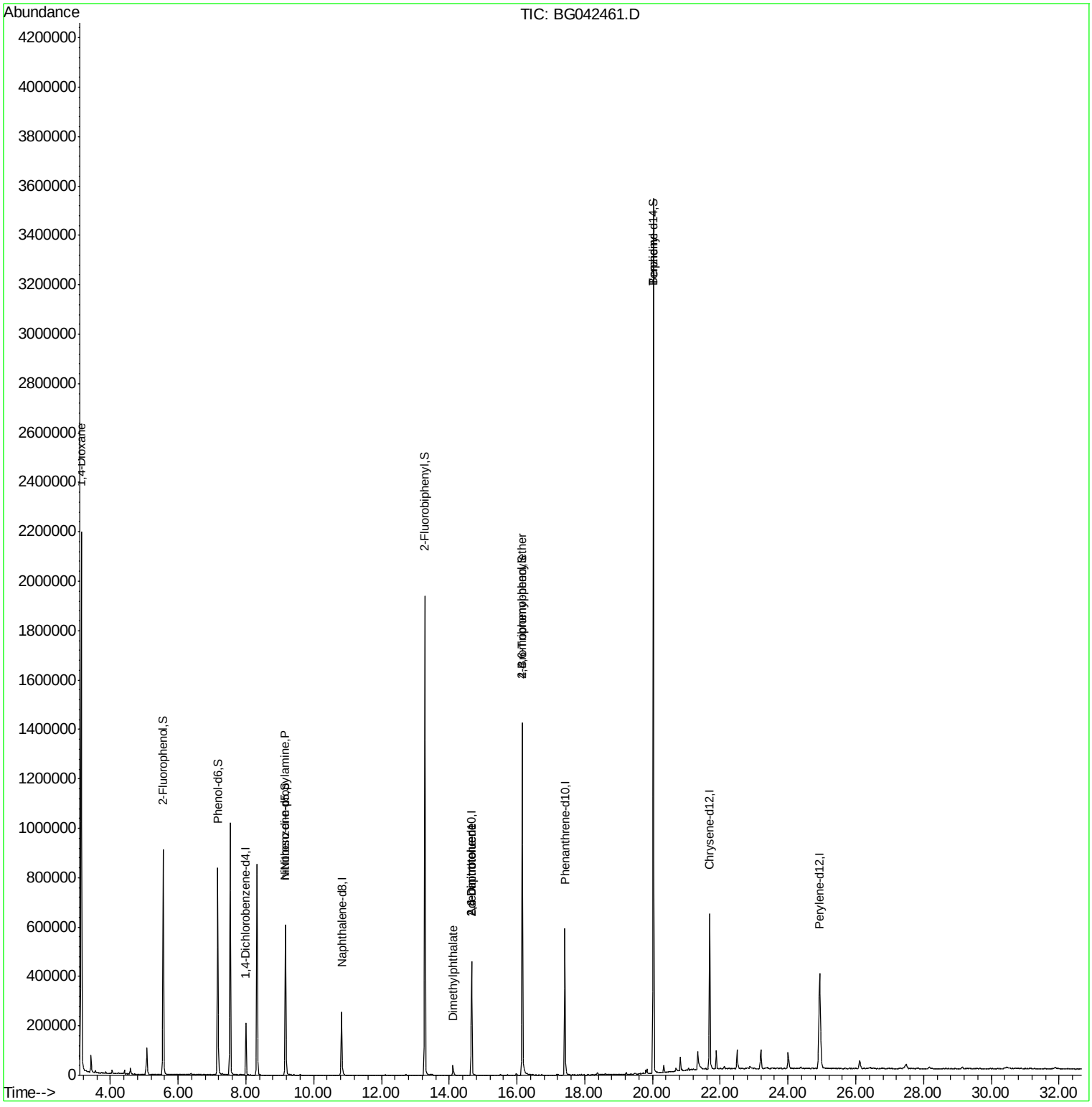
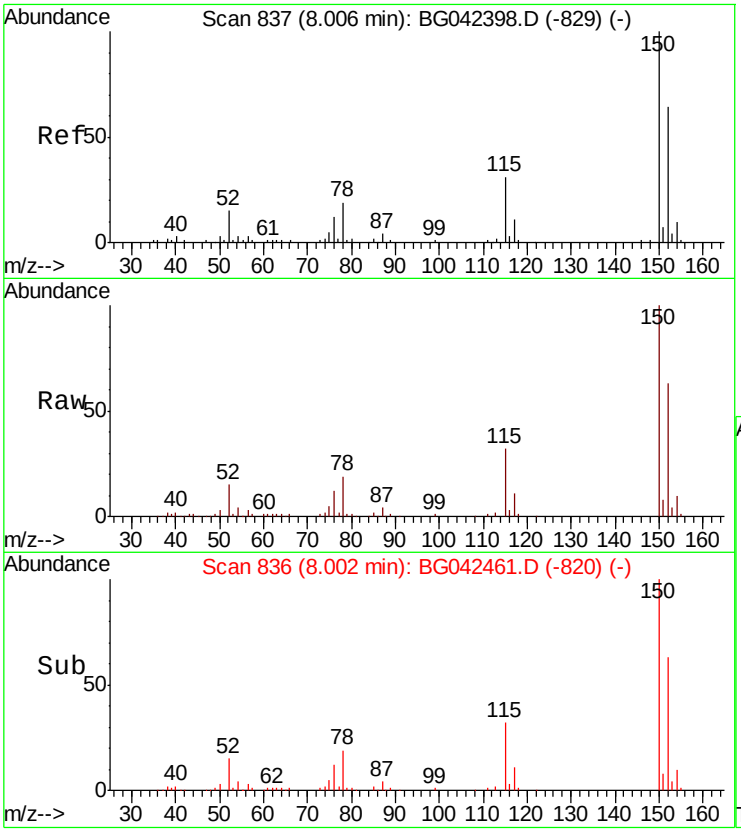
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



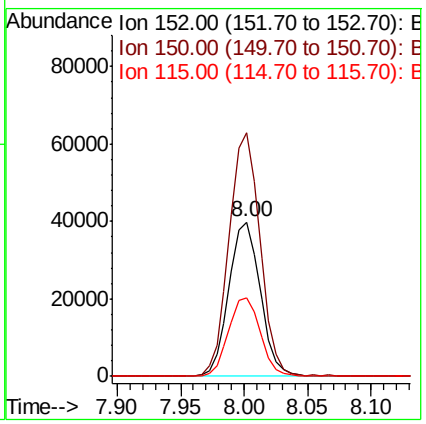


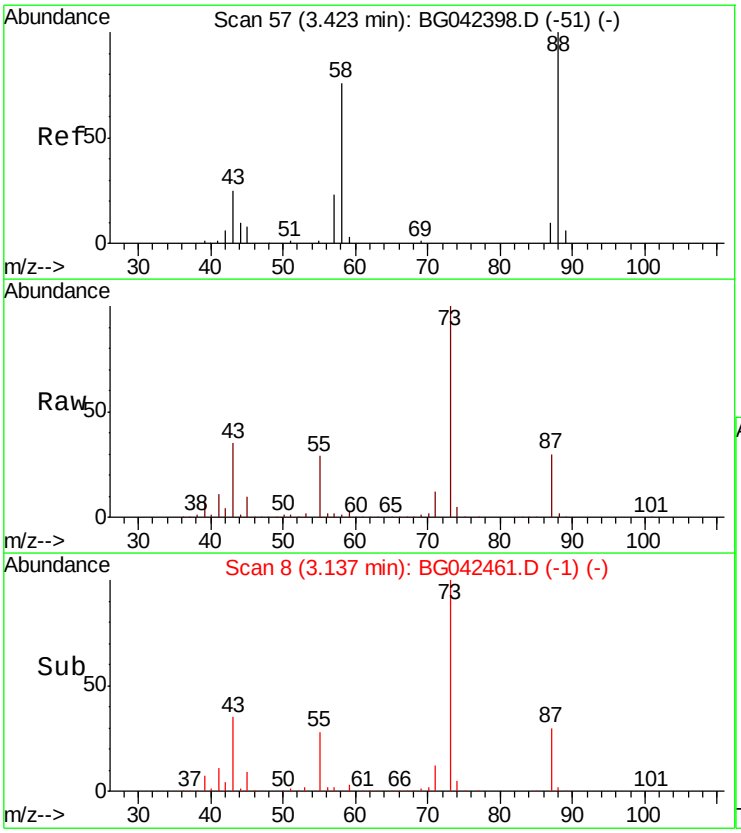
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 68441

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.4	188.0
115	50.7	38.5	57.7

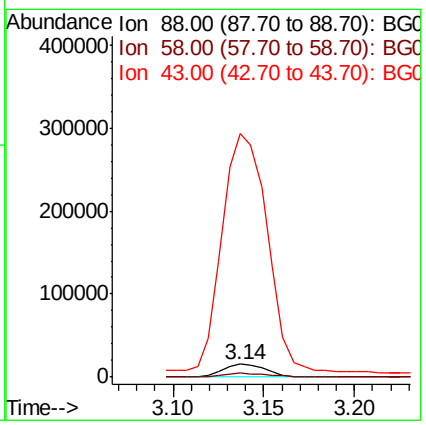


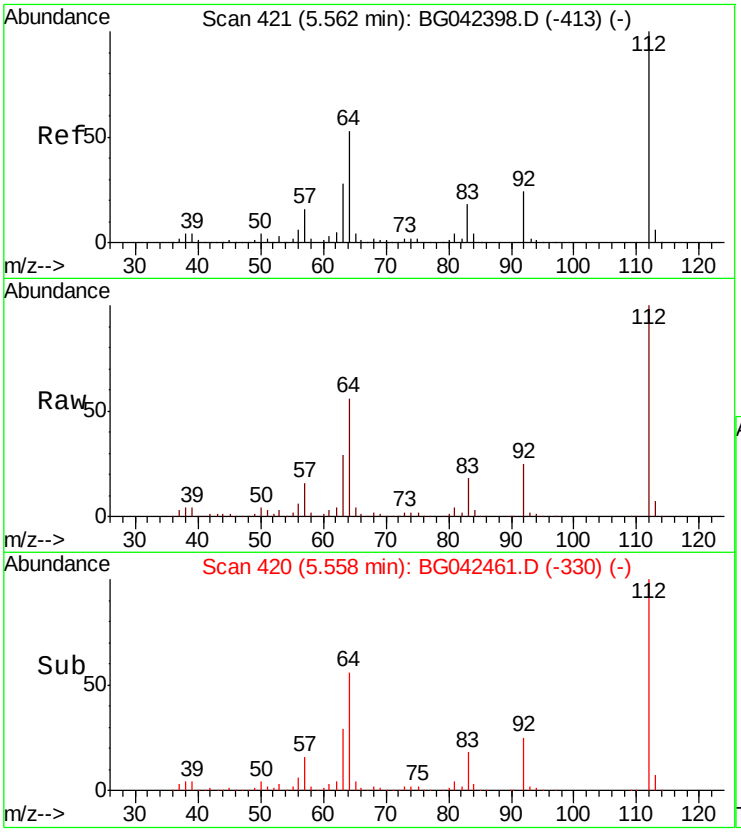


#2
1,4-Dioxane
Concen: 17.634 ng
RT: 3.14 min Scan# 8
Delta R.T. -0.29 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion: 88 Resp: 24869

Ion	Ratio	Lower	Upper
88	100		
58	24.9	58.3	87.5#
43	2049.7	20.2	30.2#



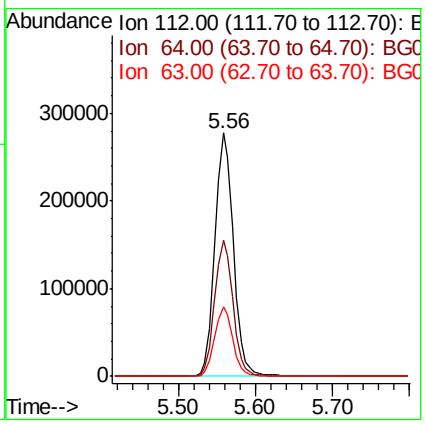


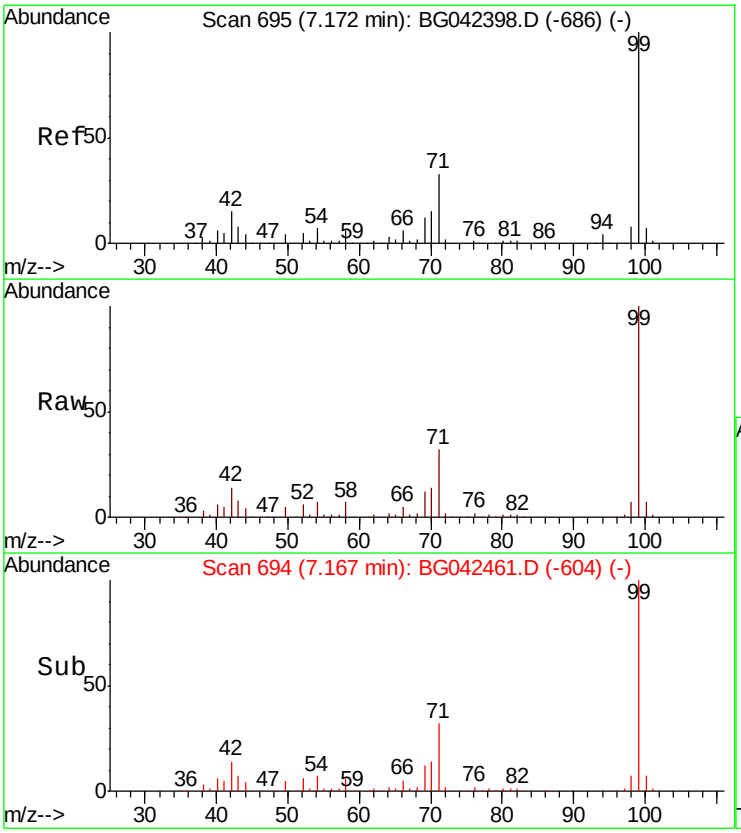
#5
2-Fluorophenol
Concen: 135.649 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 458402

Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.8	64.2
63	28.8	22.7	34.1

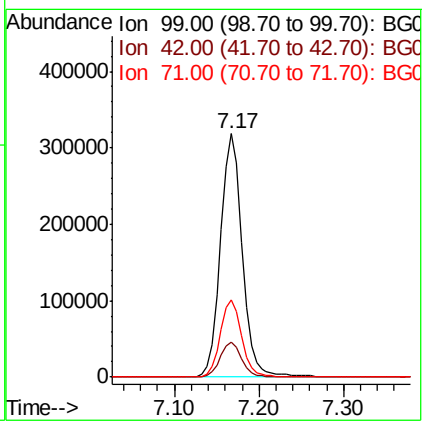


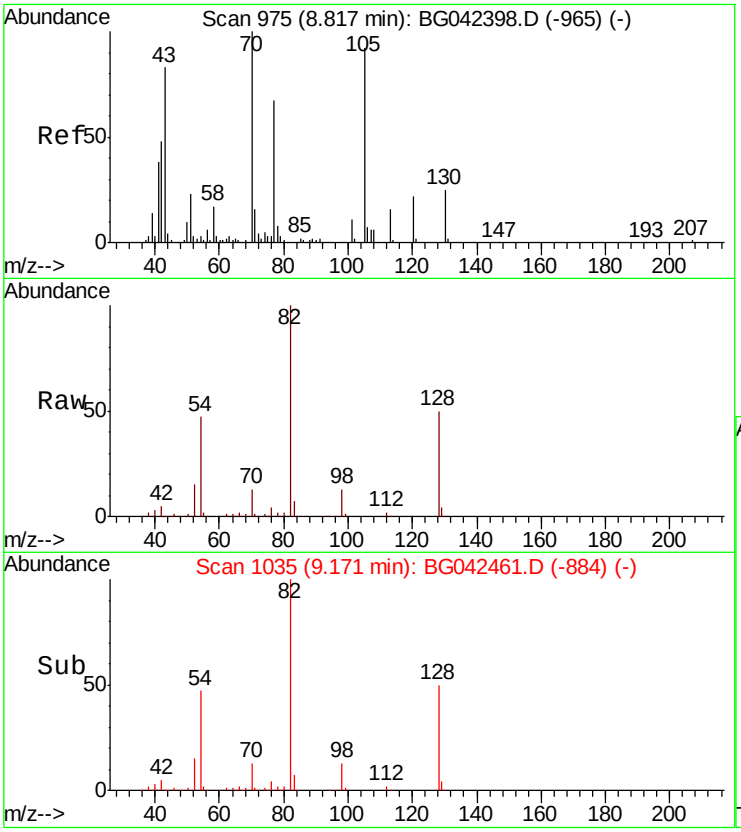


#7
Phenol-d6
Concen: 124.670 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion: 99 Resp: 569081

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.0	18.0
71	31.6	26.3	39.5



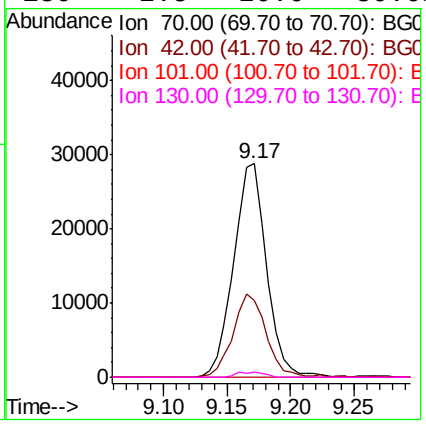


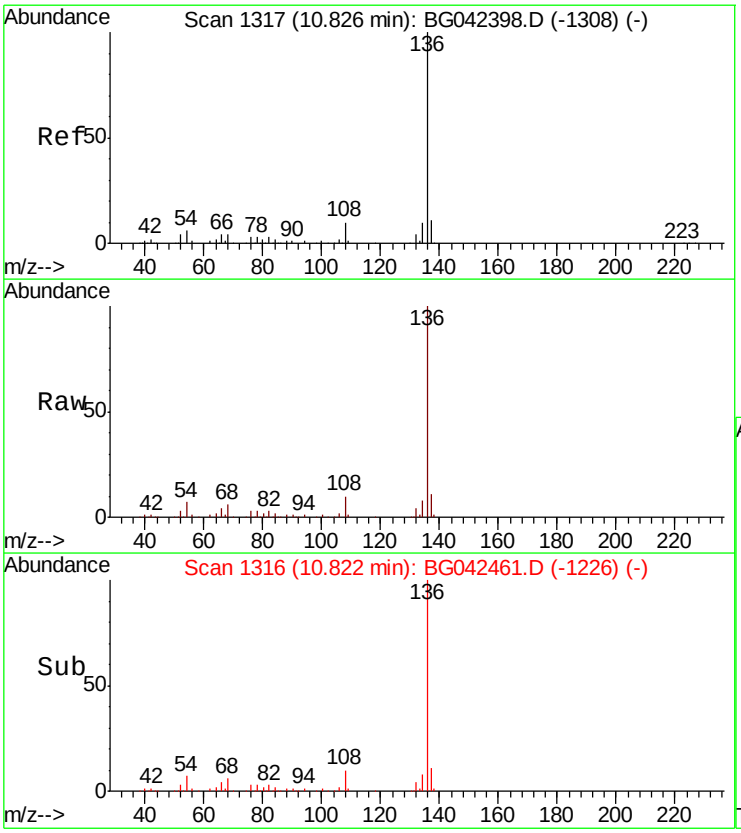
#19
n-Nitroso-di-n-propylamine
Concen: 17.516 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 51800

Ion	Ratio	Lower	Upper
70	100		
42	35.9	38.8	58.2#
101	0.0	9.0	13.6#
130	2.5	20.0	30.0#

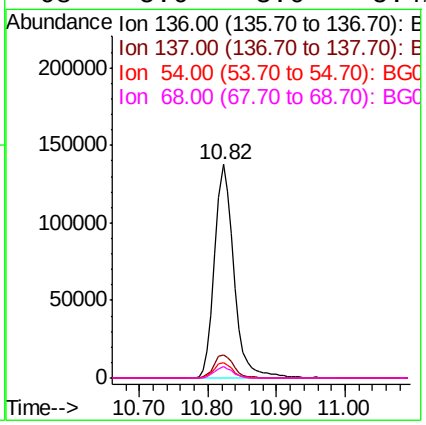


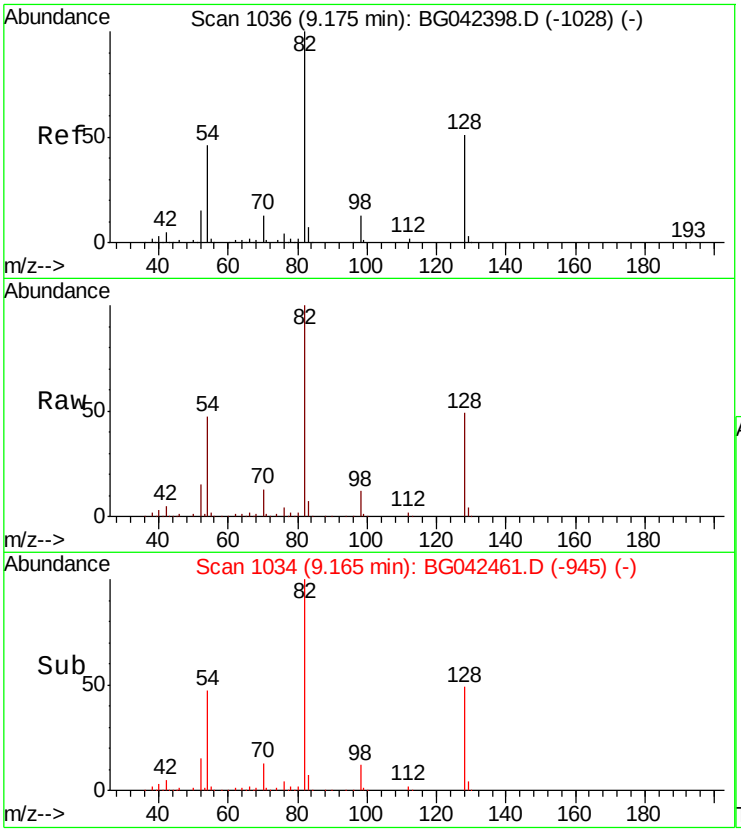


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion:136 Resp: 270003

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.3	4.9	7.3
68	5.6	3.6	5.4#



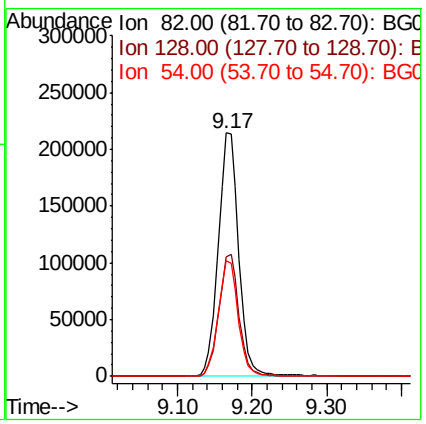


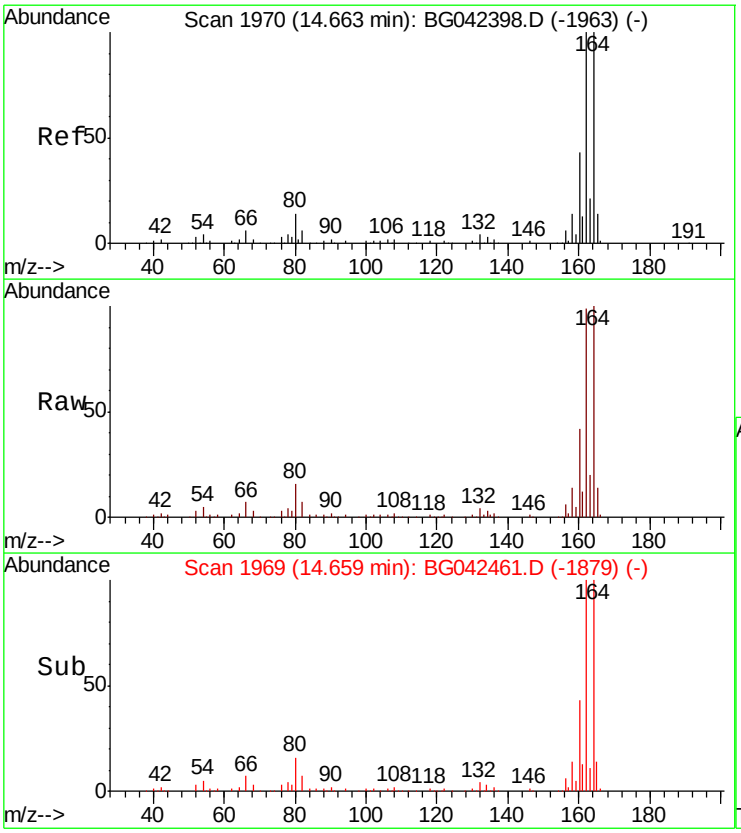
#23
Nitrobenzene-d5
Concen: 104.581 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 408620

Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.7	61.1
54	47.4	36.3	54.5

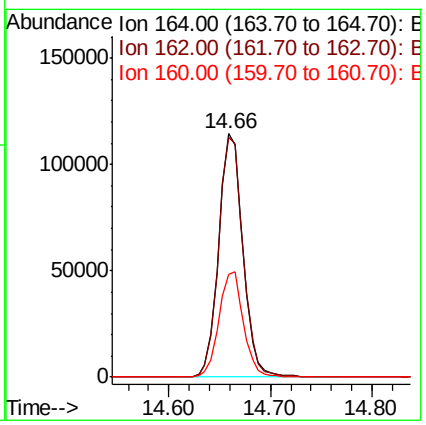


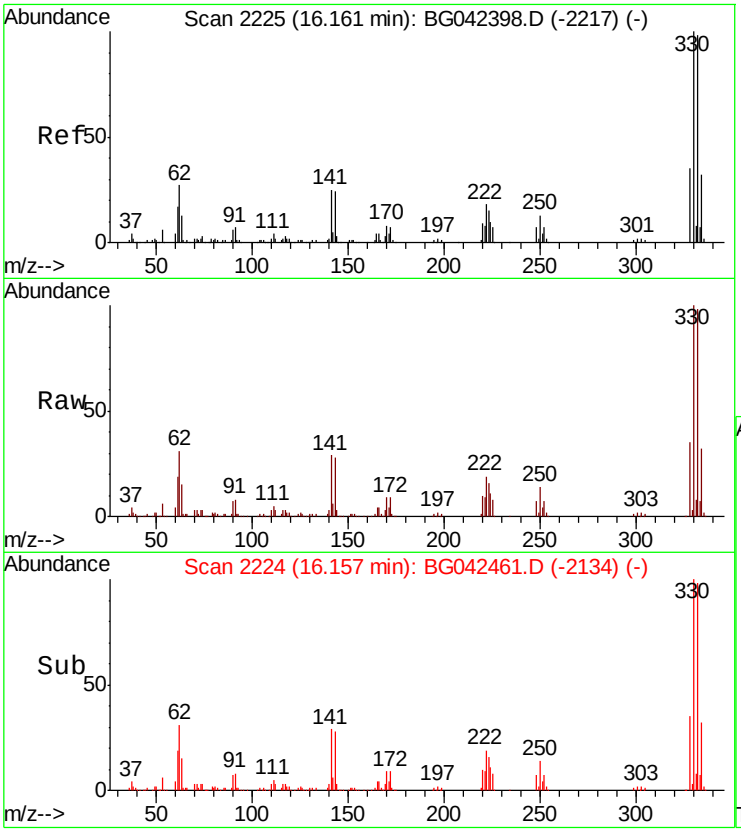


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion:164 Resp: 189775

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.9	119.9
160	42.1	34.3	51.5



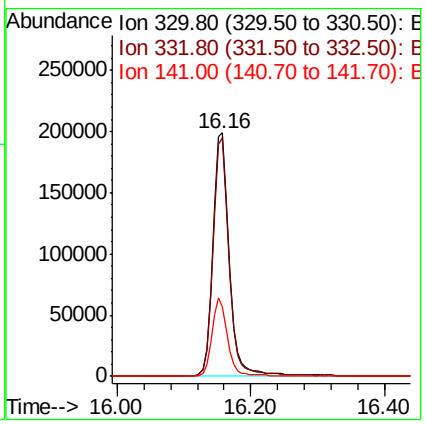


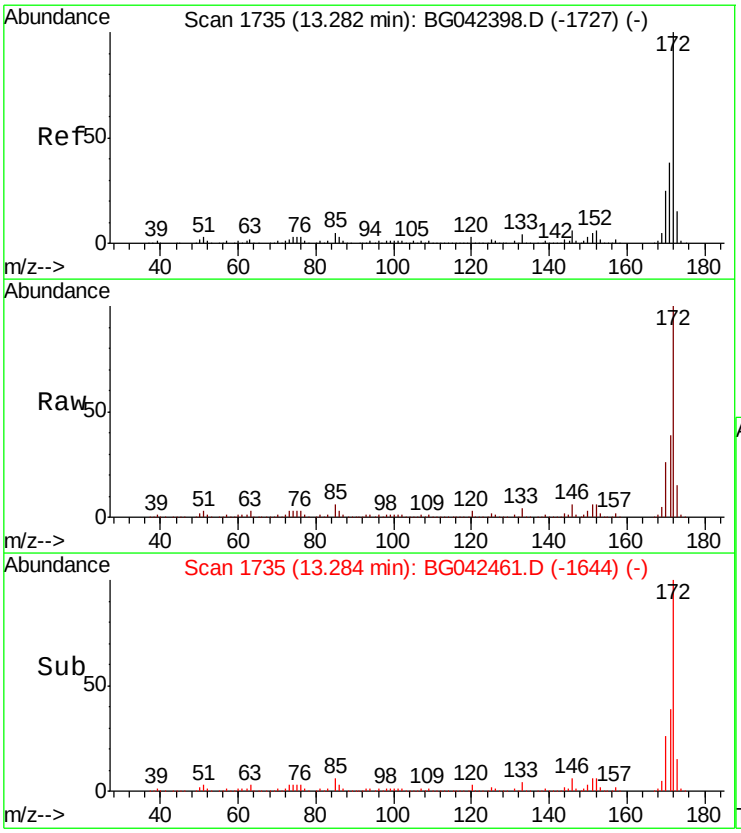
#42
2,4,6-Tribromophenol
Concen: 128.720 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 347201

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	30.9	21.4	32.0

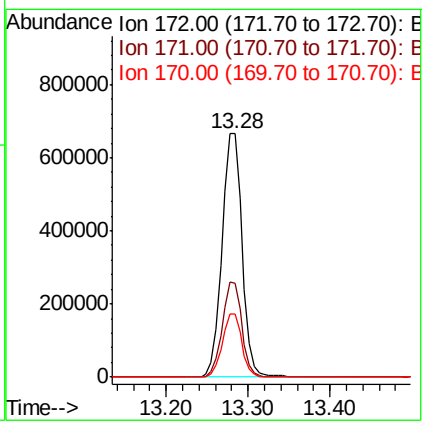


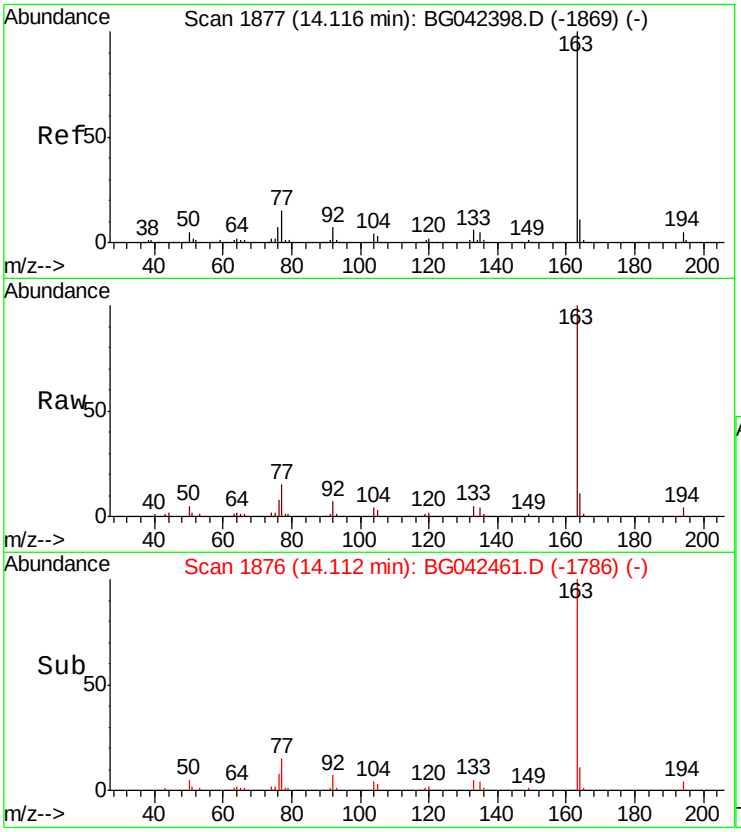


#45
2-Fluorobiphenyl
Concen: 101.667 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion:172 Resp: 1140778

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.5	45.7
170	25.8	20.2	30.2



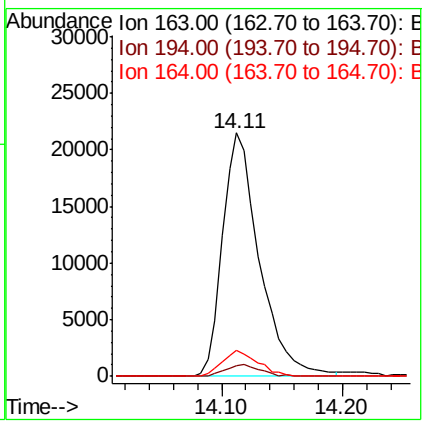


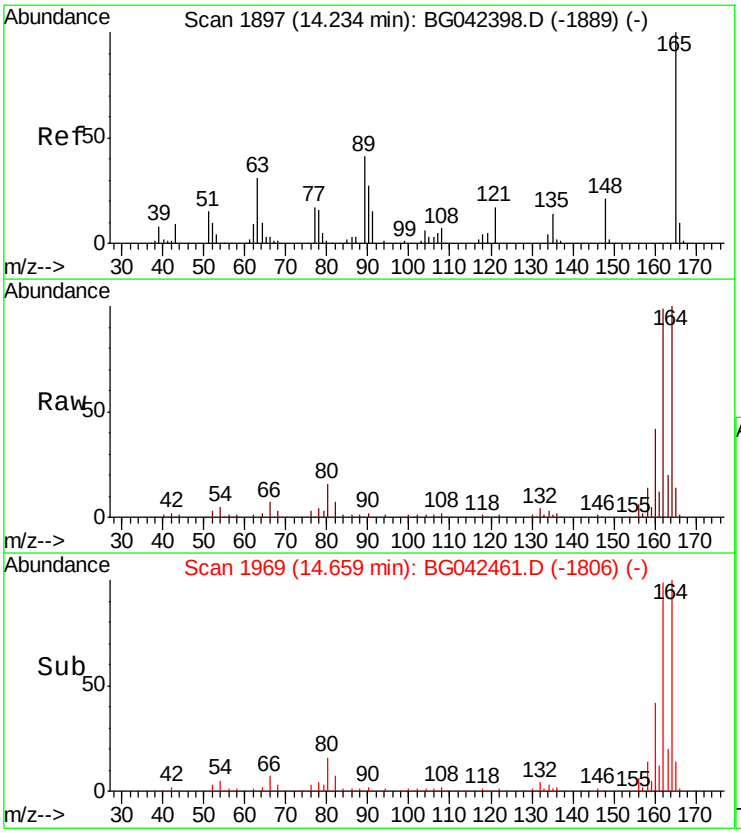
#50
Dimethylphthalate
Concen: 3.318 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 45429

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

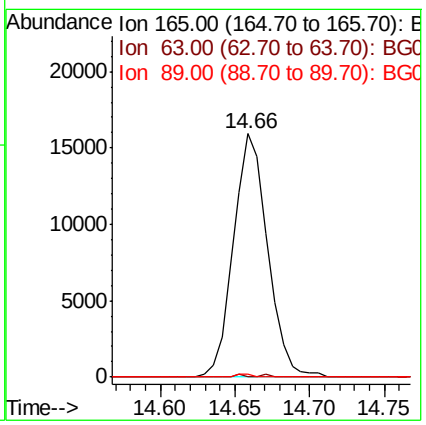


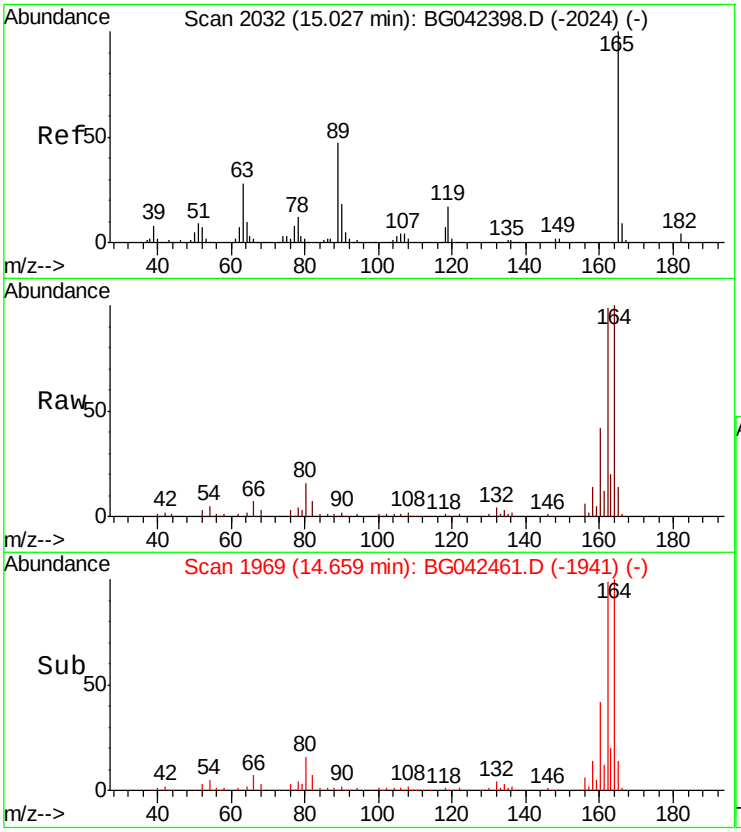


#51
2,6-Dinitrotoluene
Concen: 7.978 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.42 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion:165 Resp: 25321

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	1.1	32.6	49.0#



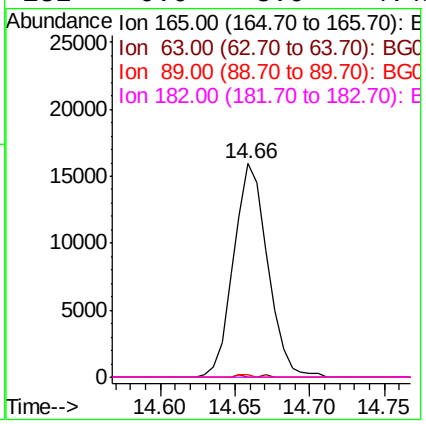


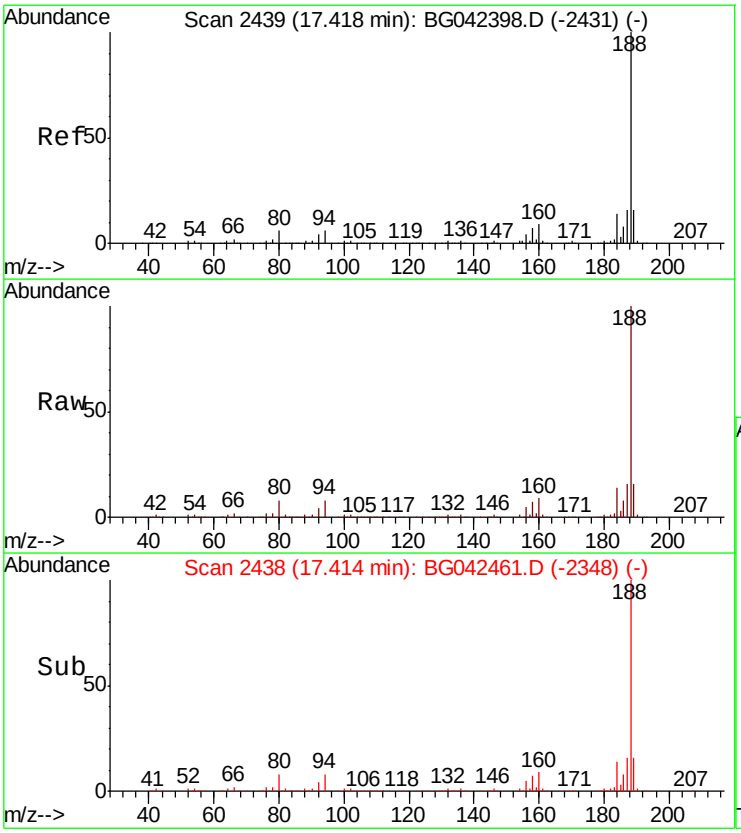
#57
2,4-Dinitrotoluene
Concen: 5.571 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 25321

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	1.1	37.8	56.6#
182	0.0	3.0	4.4#

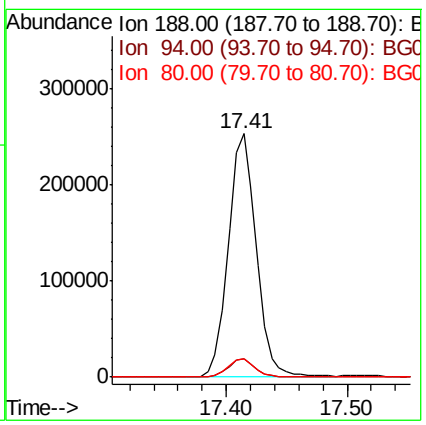


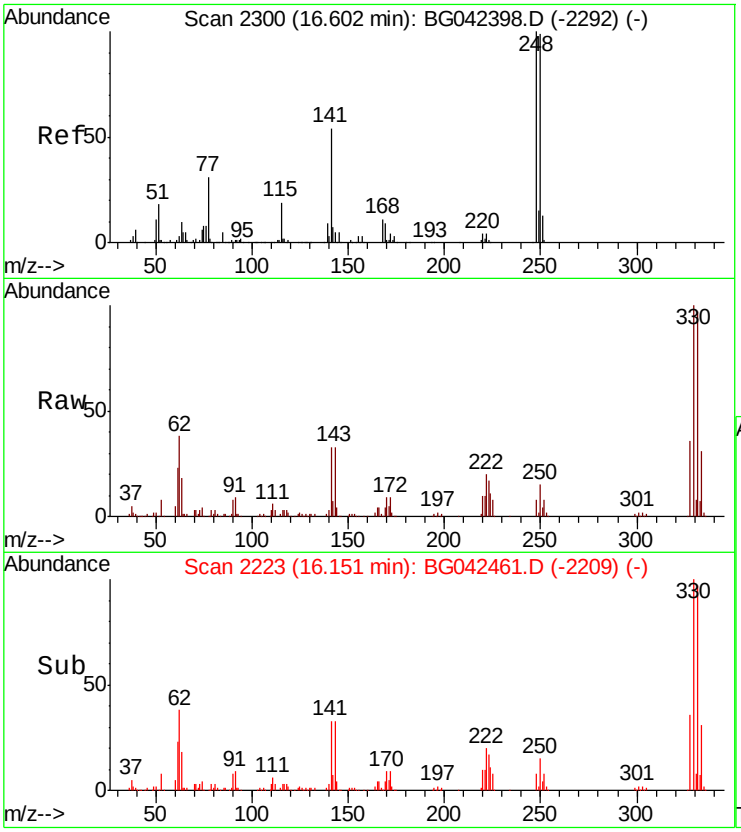


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion:188 Resp: 408768

Ion	Ratio	Lower	Upper
188	100		
94	7.6	4.5	6.7#
80	7.5	4.9	7.3#



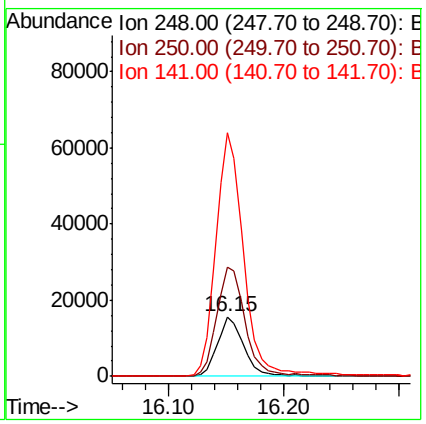


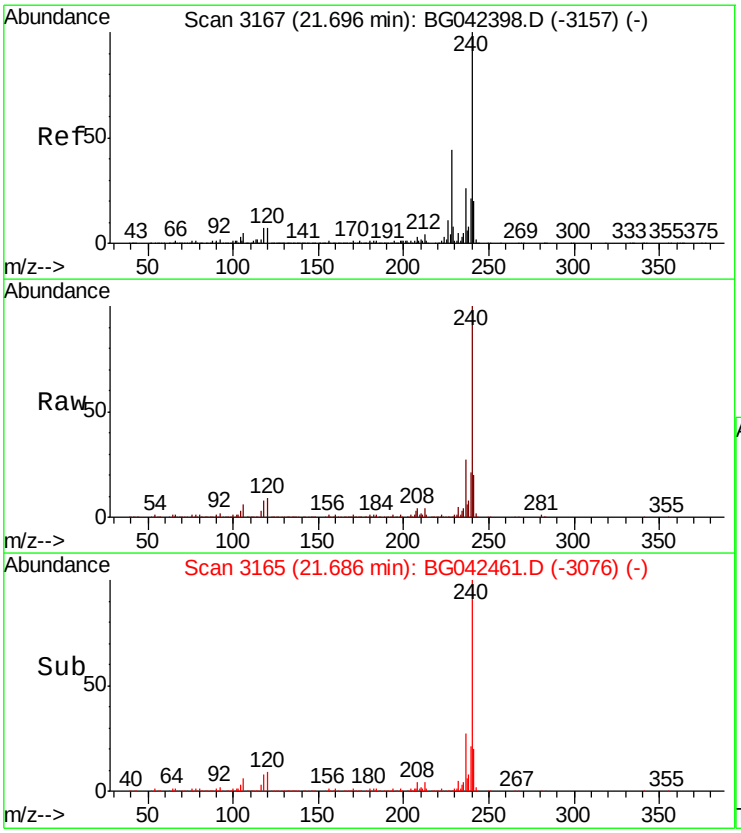
#67
4-Bromophenyl-phenylether
Concen: 4.755 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 24657

Ion	Ratio	Lower	Upper
248	100		
250	184.1	78.9	118.3#
141	408.7	43.3	64.9#

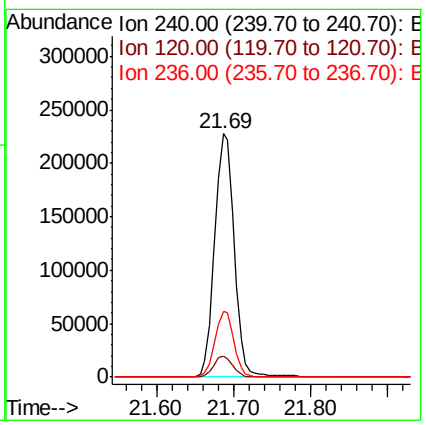


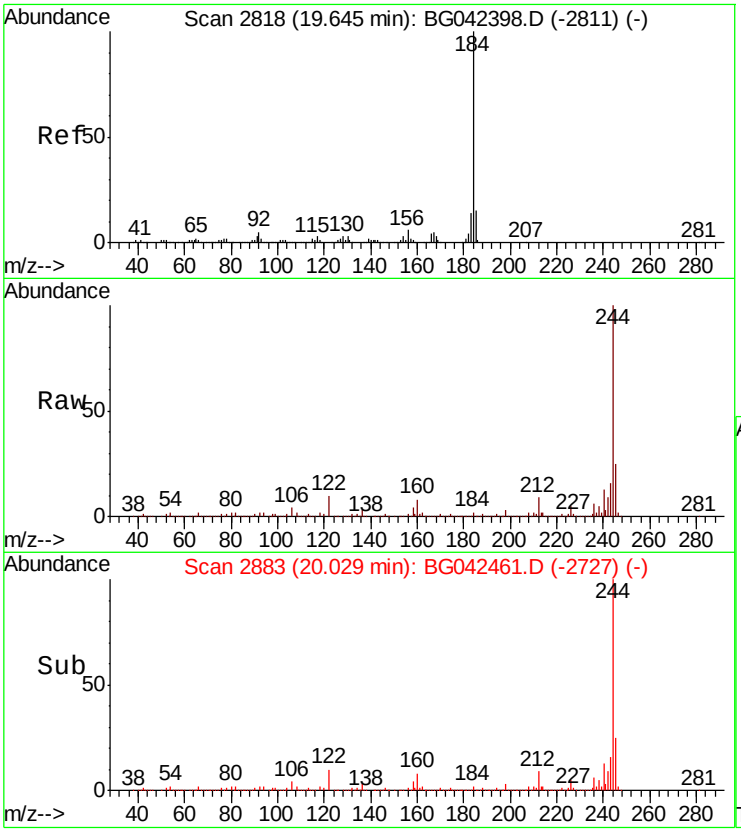


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion:240 Resp: 398781

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.7	8.5#
236	27.2	21.0	31.4



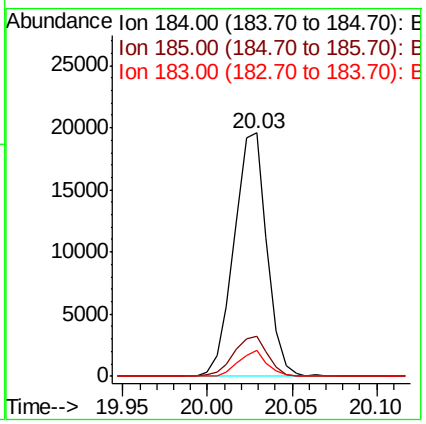


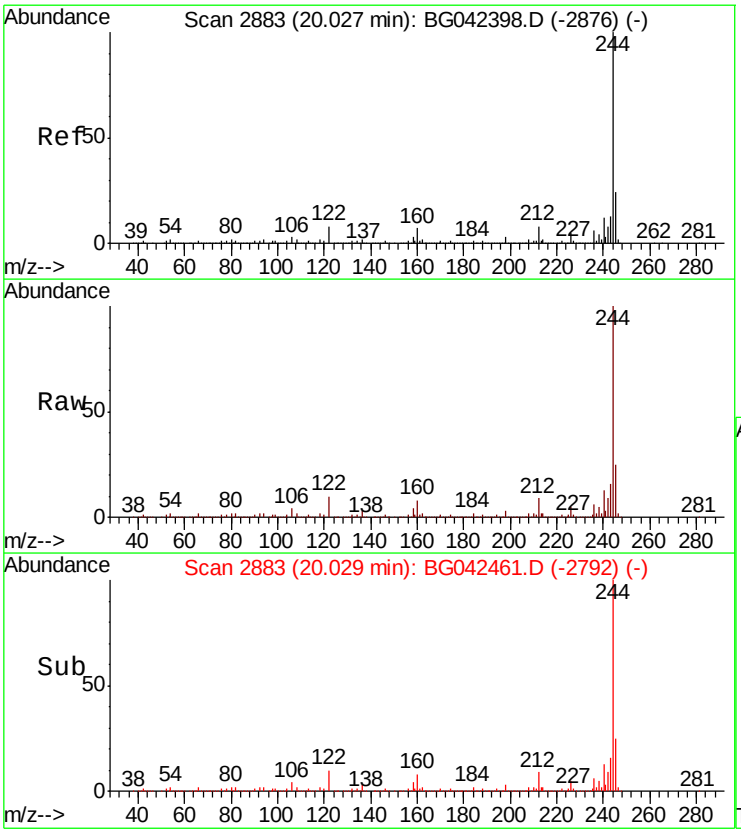
#77
Benzidine
Concen: 2.302 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.38 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 26319

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.4
183	10.5	10.8	16.2#

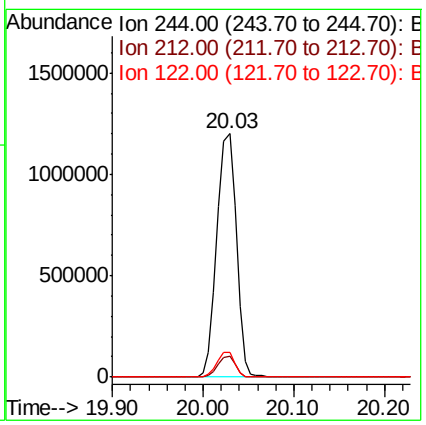


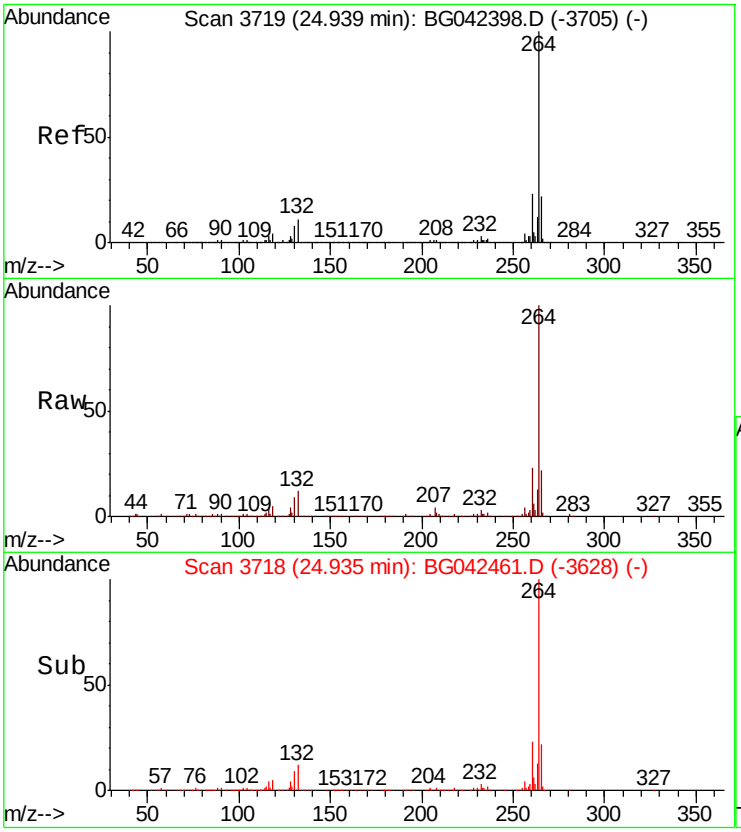


#79
Terphenyl-d14
Concen: 97.400 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion:244 Resp: 1796618

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.0	9.0
122	10.1	6.7	10.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 460409

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.8	17.6	26.4