Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042965.D
Acq On : 1 Oct 2019 6:24
Operator : JU
Sample : K4997-17RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 01 07:14:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	76319	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	268022	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	192698	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	461608	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	513070	20.00	ng	-0.02
87) Perylene-d12	24.92	264	584476	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	556749	130.19	ng	0.00
7) Phenol-d6	7.24	99	767443	124.62	ng	0.00
23) Nitrobenzene-d5	9.23	82	506860	91.92	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	443718	133.91	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1182741	88.98	ng	-0.01
79) Terphenyl-d14	20.04	244	2228764	92.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	54573	30.608	ng	# 1
15) Benzyl Alcohol	8.40	79	9392	2.028	ng	# 56
19) n-Nitroso-di-n-propylamine	9.23	70	71536	17.690	ng	# 75
32) Benzoic acid	10.28	122	80	2.831	ng	# 1
51) 2,6-Dinitrotoluene	14.69	165	25392	8.258	ng	# 23
57) 2,4-Dinitrotoluene	14.69	165	25392	5.639	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	29497	5.091	ng	# 1
77) Benzidine	20.04	184	37733	2.937	ng	# 94

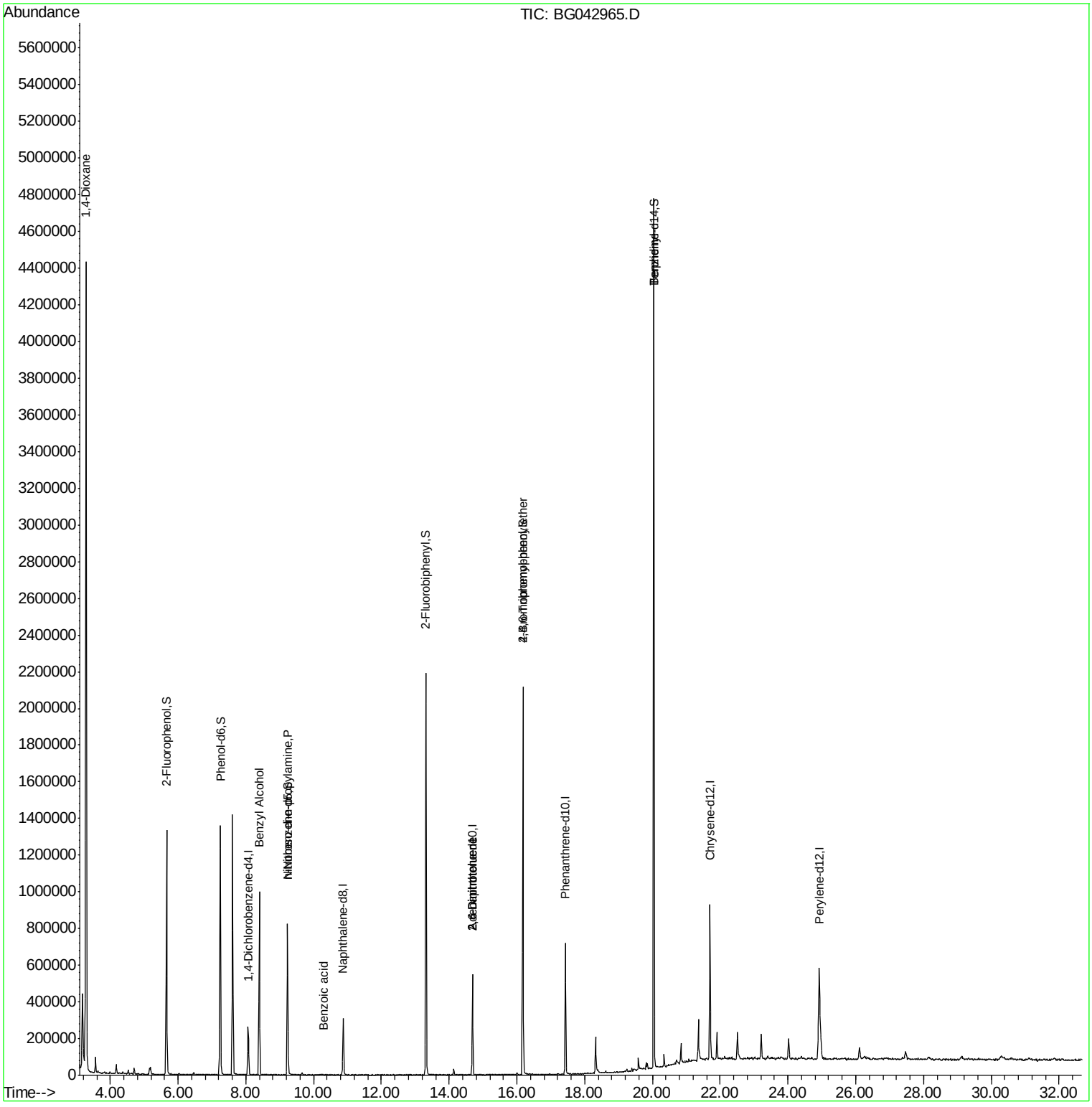
(#) = qualifier out of range (m) = manual integration (+) = signals summed

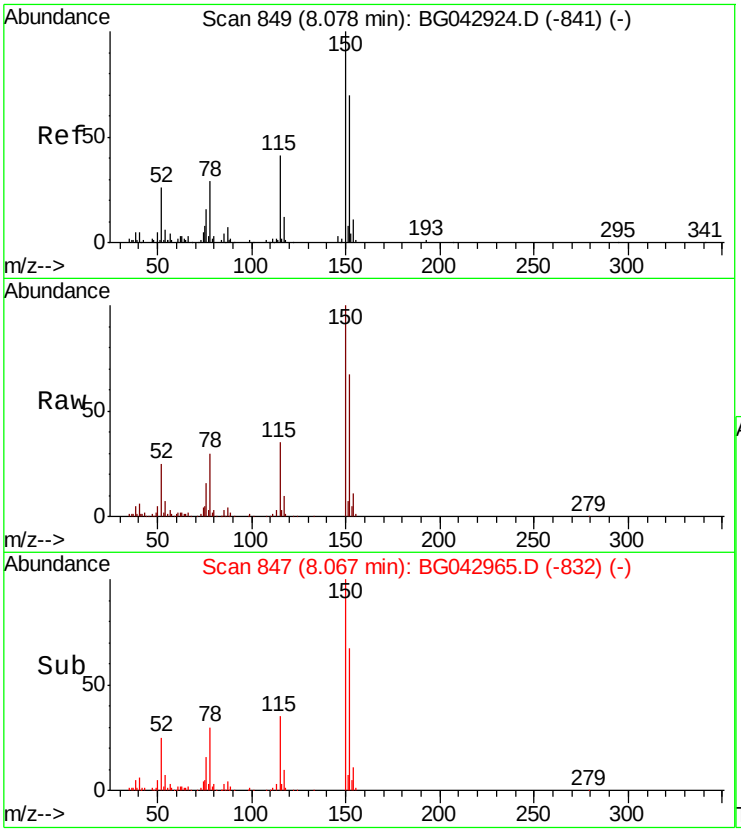
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042965.D
Acq On : 1 Oct 2019 6:24
Operator : JU
Sample : K4997-17RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 01 07:14:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



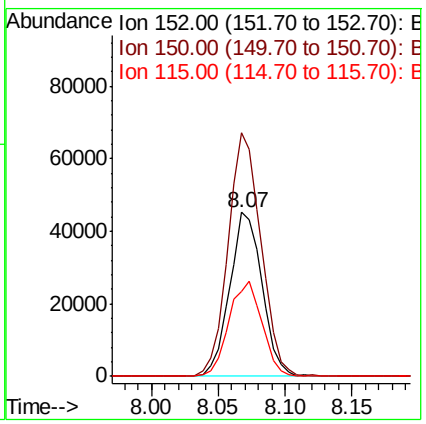


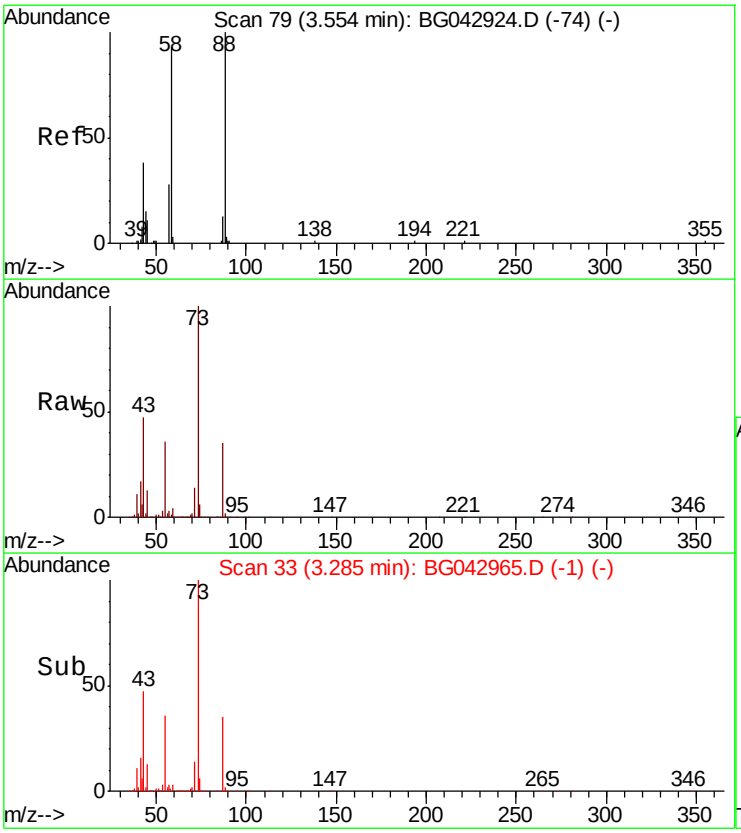
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 76319

Ion	Ratio	Lower	Upper
152	100		
150	148.7	115.0	172.4
115	52.0	47.0	70.6

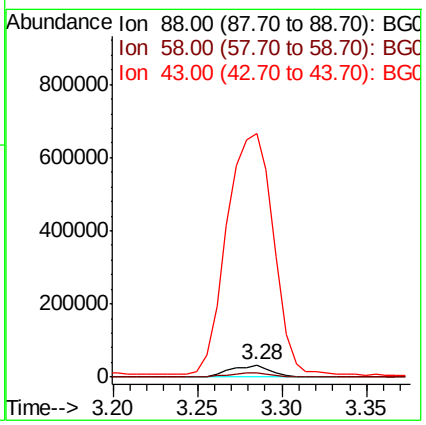


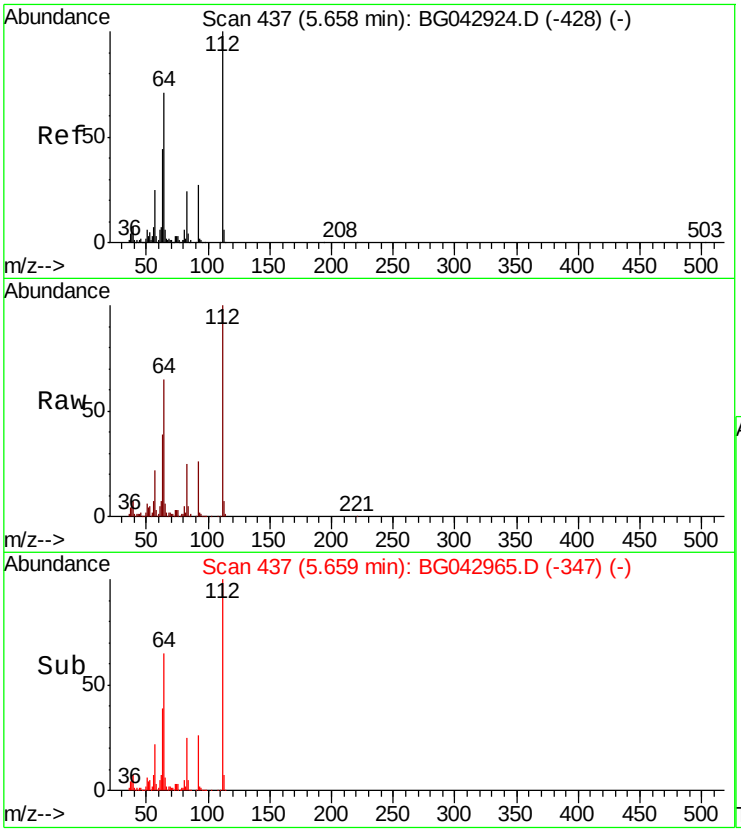


#2
1,4-Dioxane
Concen: 30.608 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.27 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion: 88 Resp: 54573

Ion	Ratio	Lower	Upper
88	100		
58	37.7	74.3	111.5#
43	2358.7	29.8	44.8#



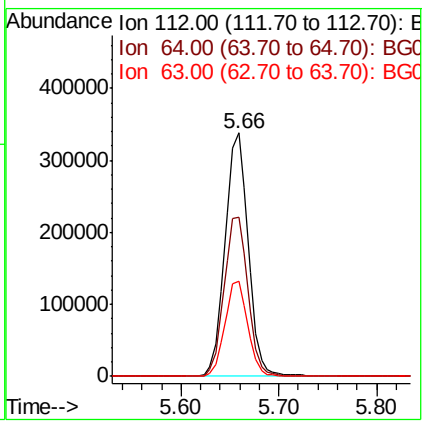


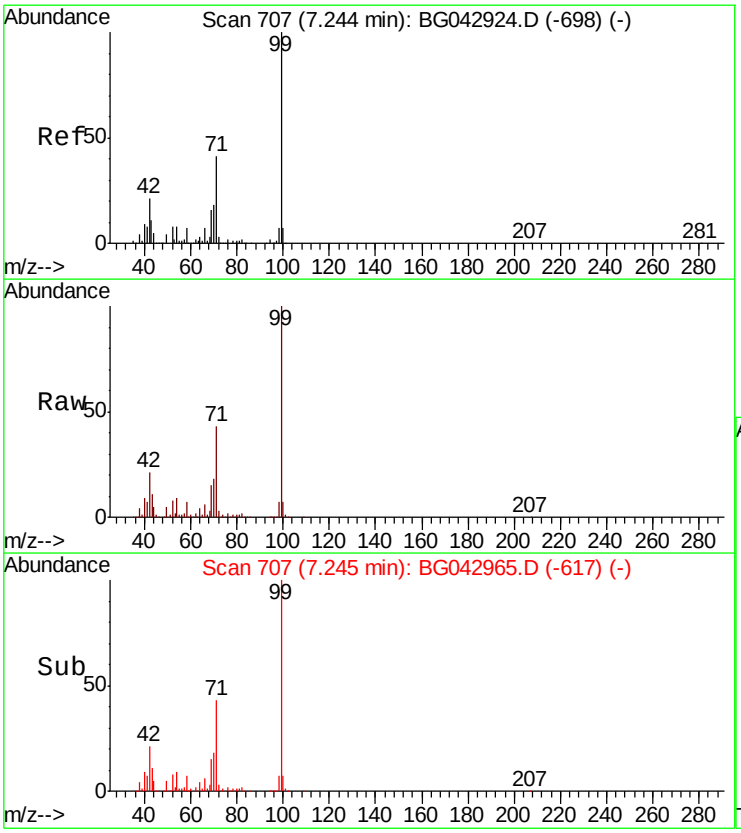
#5
2-Fluorophenol
Concen: 130.189 ng
RT: 5.66 min Scan# 437
Delta R.T. 0.00 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 556749

Ion	Ratio	Lower	Upper
112	100		
64	65.4	56.6	84.8
63	38.9	35.1	52.7

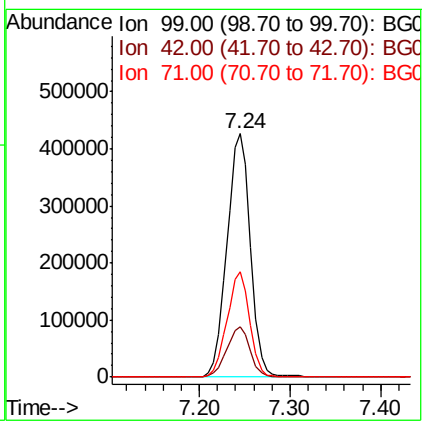


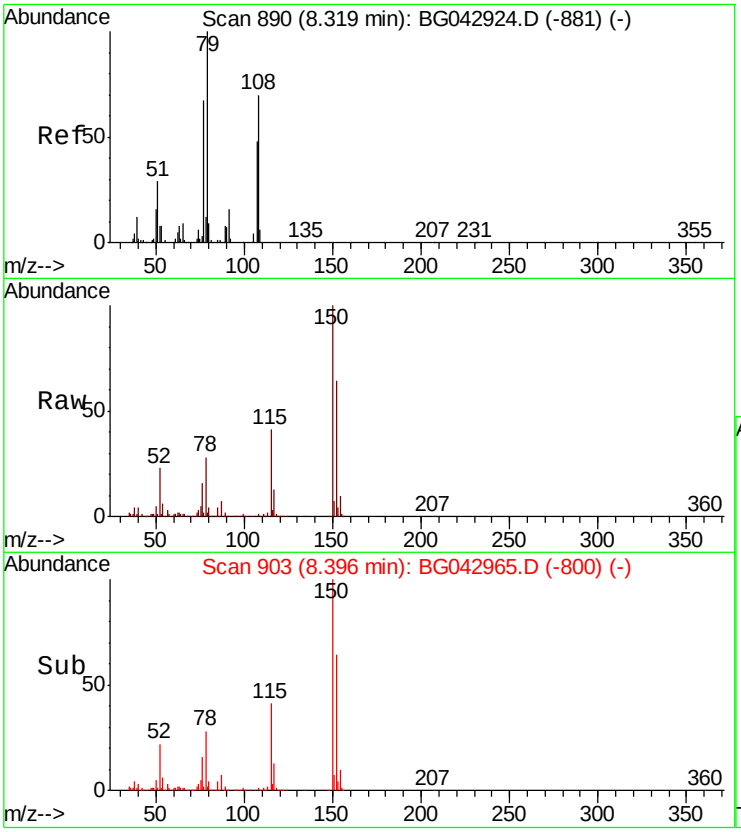


#7
Phenol-d6
Concen: 124.618 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion: 99 Resp: 767443

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.2	25.8
71	43.5	33.1	49.7



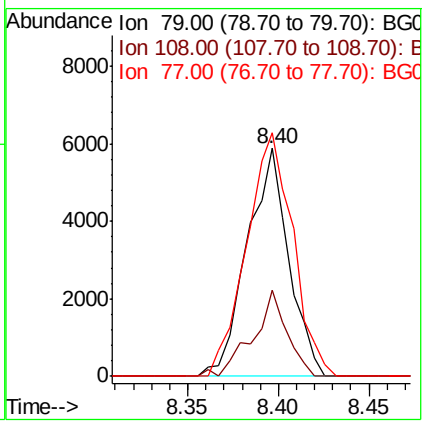


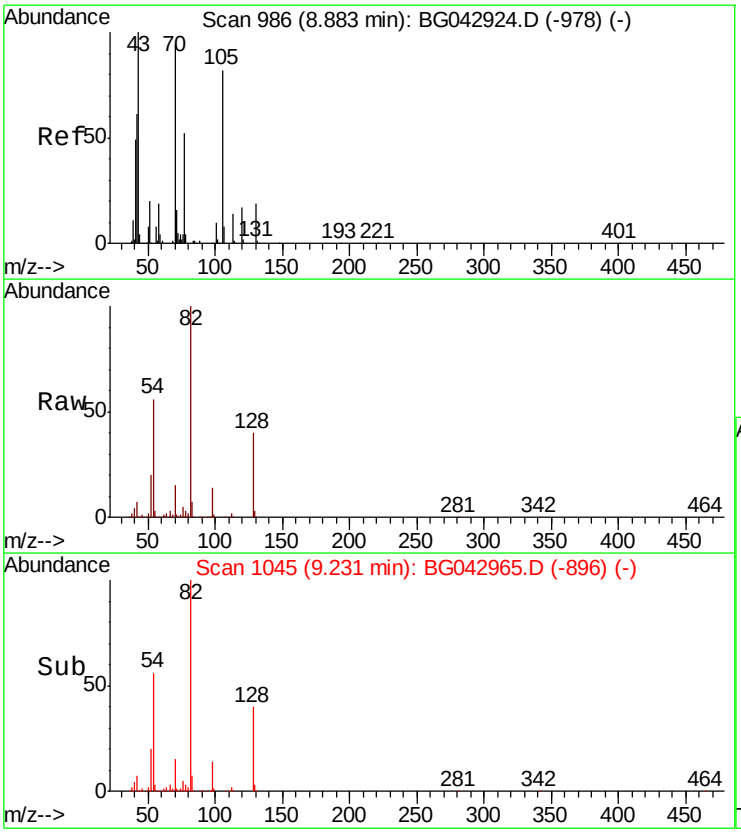
#15
Benzyl Alcohol
Concen: 2.028 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.08 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 9392

Ion	Ratio	Lower	Upper
79	100		
108	38.0	55.7	83.5#
77	106.8	53.3	79.9#

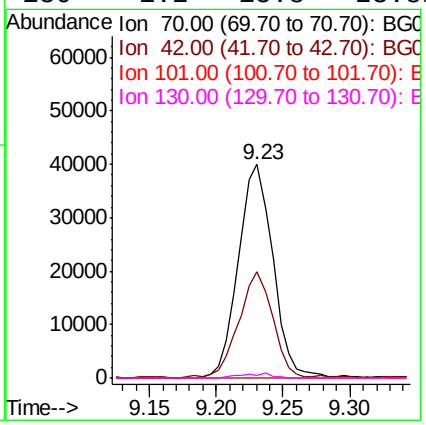


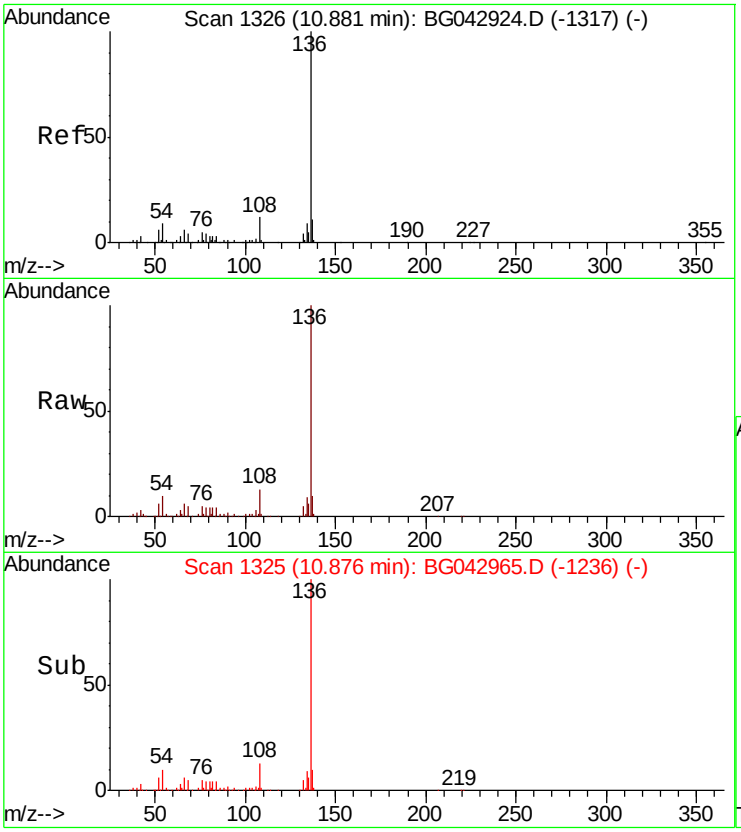


#19
n-Nitroso-di-n-propylamine
Concen: 17.690 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion: 70 Resp: 71536

Ion	Ratio	Lower	Upper
70	100		
42	50.0	52.6	79.0#
101	0.0	8.7	13.1#
130	1.2	15.8	23.8#



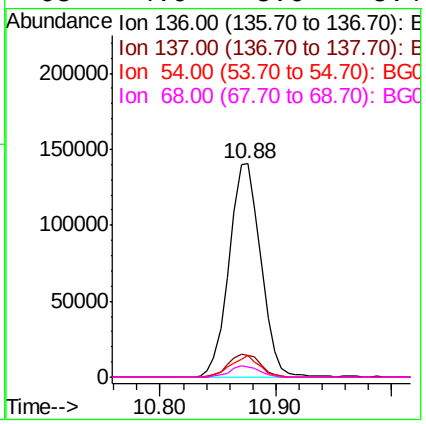


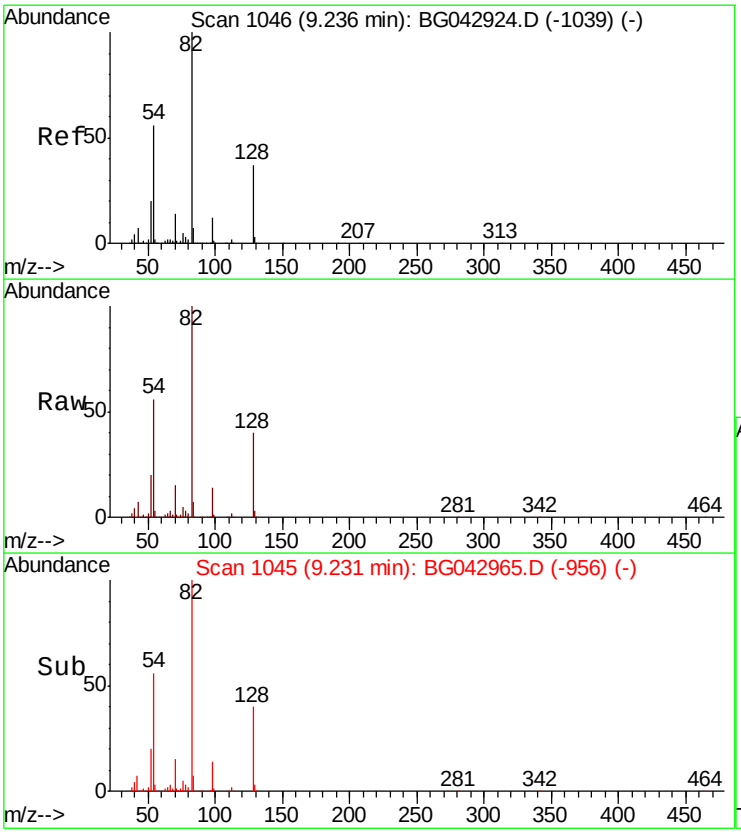
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 268022

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	10.1	7.4	11.2
68	4.9	3.6	5.4

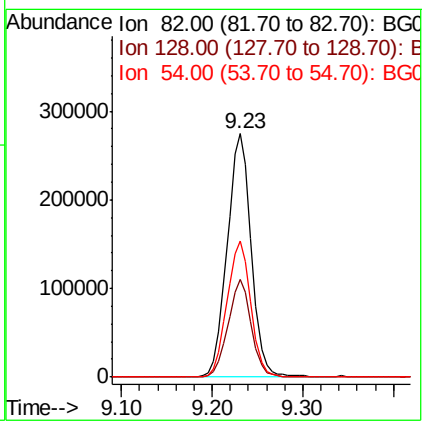


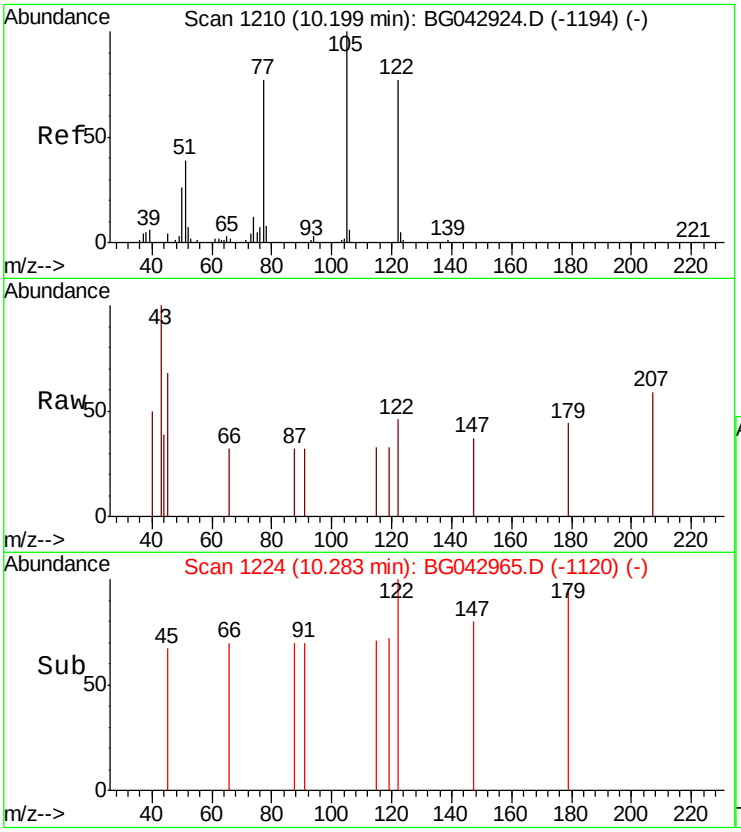


#23
Nitrobenzene-d5
Concen: 91.918 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion: 82 Resp: 506860

Ion	Ratio	Lower	Upper
82	100		
128	40.2	29.5	44.3
54	55.8	44.6	67.0



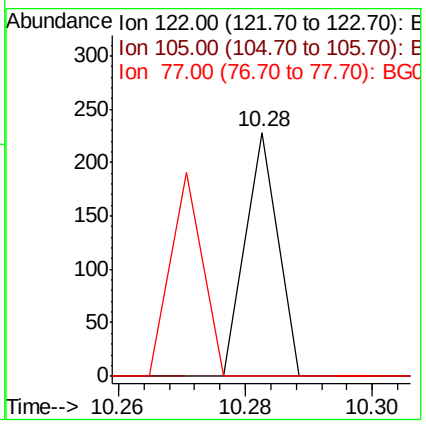


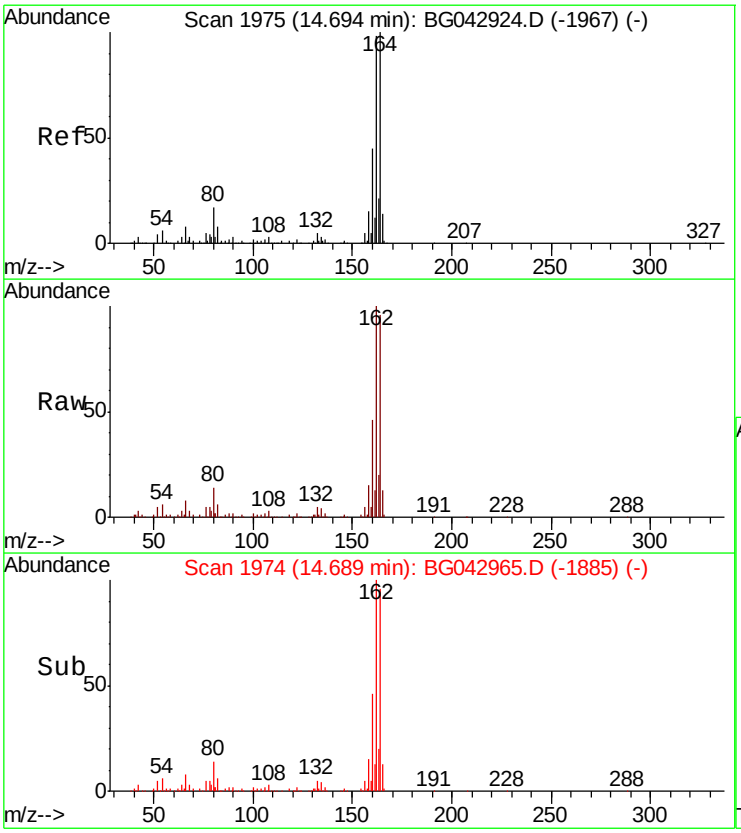
#32
Benzoic acid
Concen: 2.831 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.08 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 80

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#

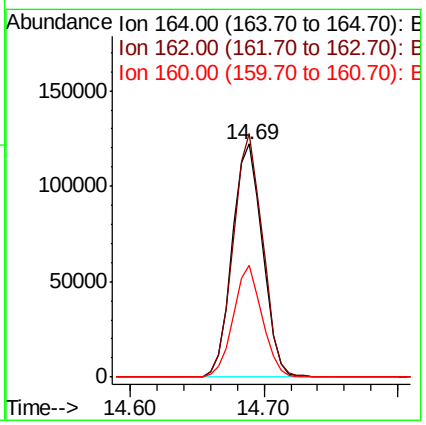


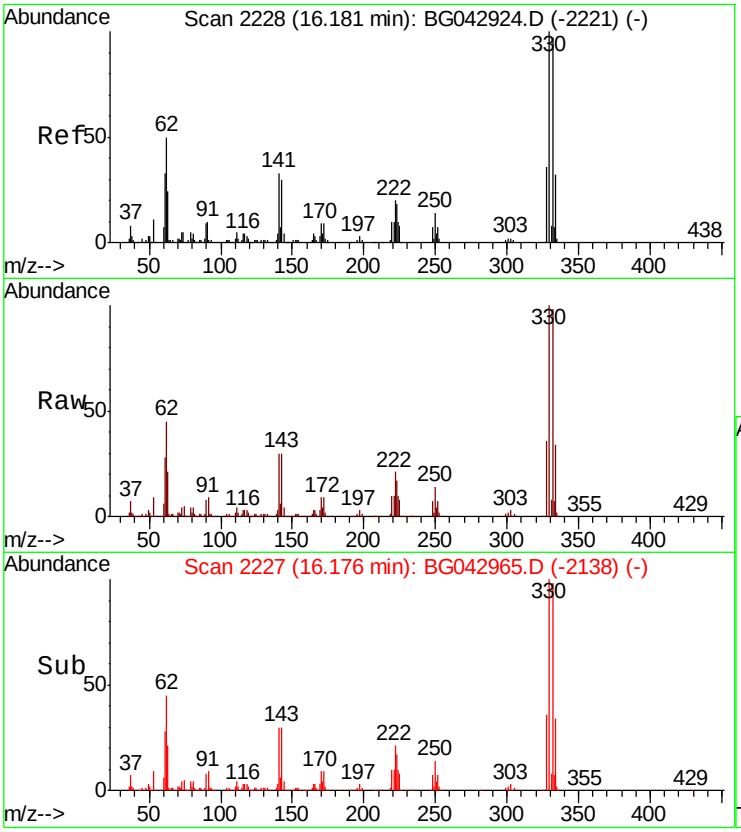


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion:164 Resp: 192698

Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.5	117.7
160	47.8	35.9	53.9



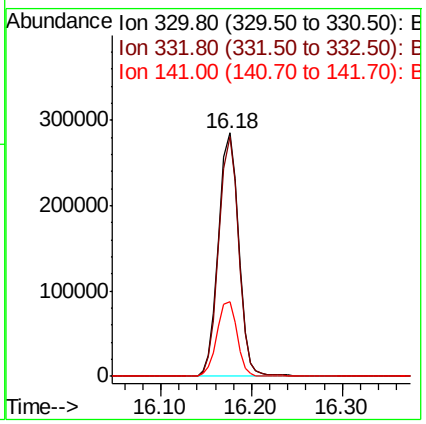


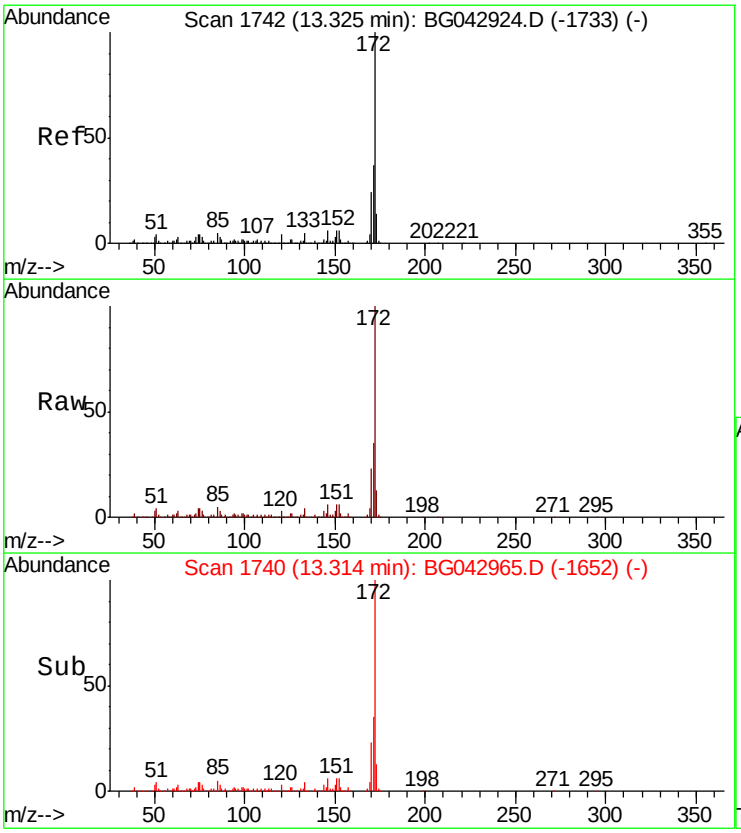
#42
2,4,6-Tribromophenol
Concen: 133.910 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 443718

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	30.4	26.0	39.0

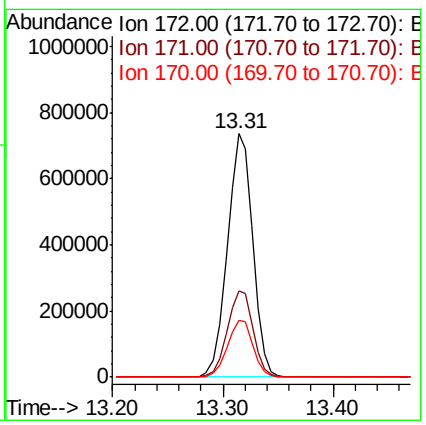


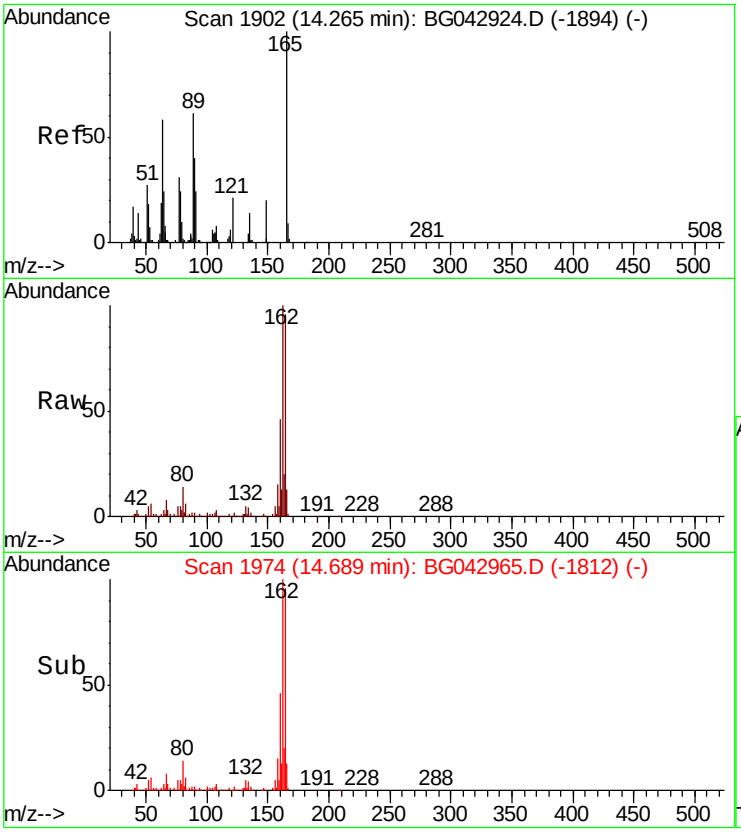


#45
2-Fluorobiphenyl
Concen: 88.980 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion:172 Resp: 1182741

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.3	19.6	29.4



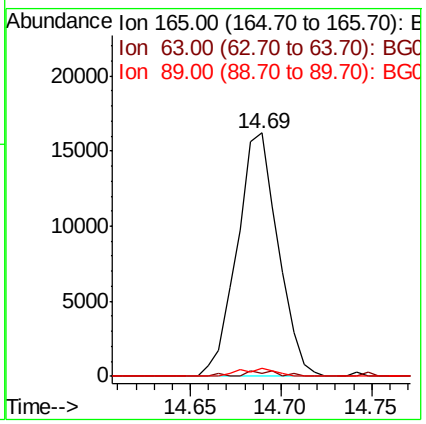


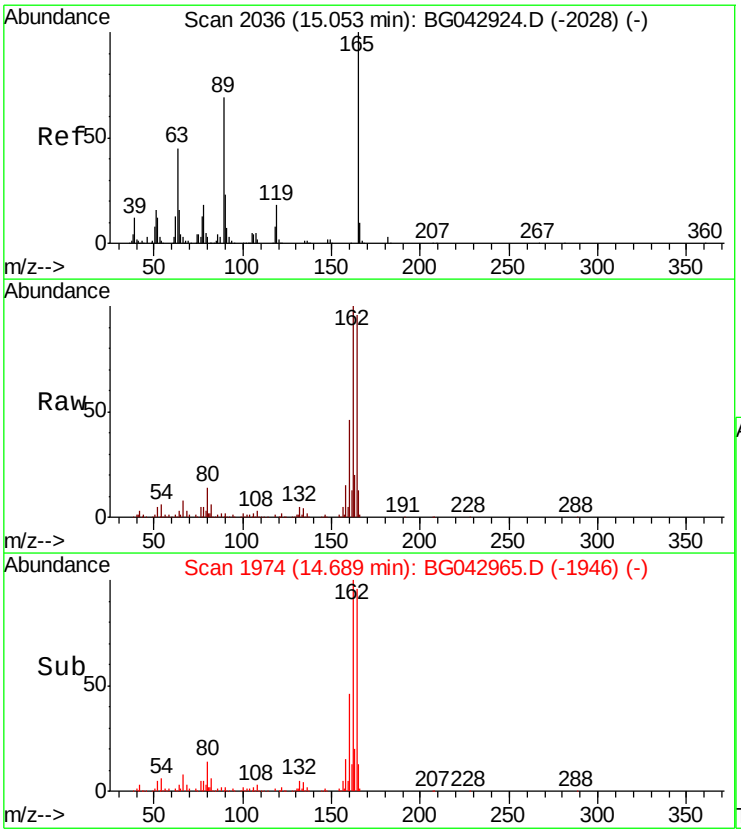
#51
2,6-Dinitrotoluene
Concen: 8.258 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.42 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 25392

Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.3	75.5#
89	3.5	48.9	73.3#

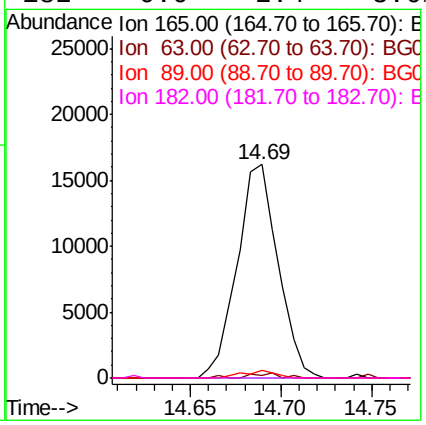


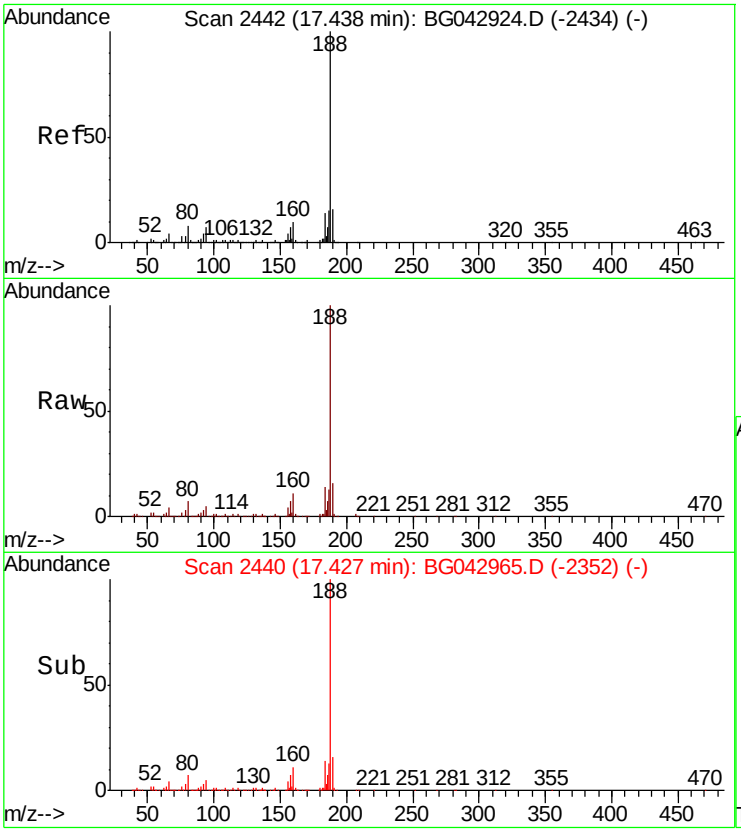


#57
2,4-Dinitrotoluene
Concen: 5.639 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.36 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion:165 Resp: 25392

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.5	54.7#
89	3.5	55.5	83.3#
182	0.0	2.4	3.6#



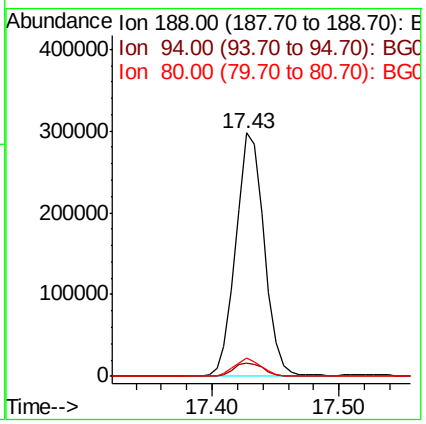


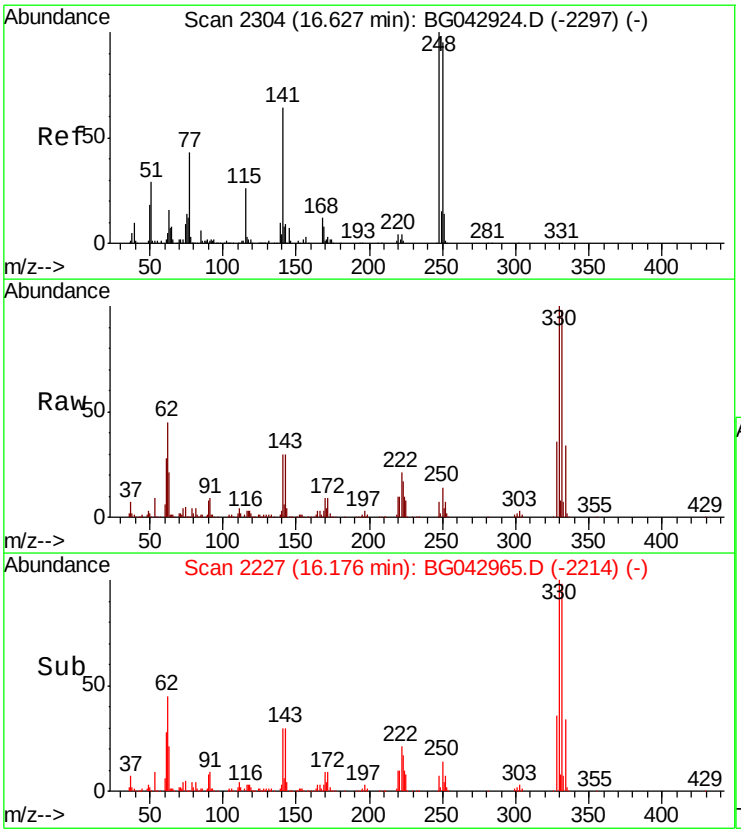
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 461608

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	7.4	6.5	9.7

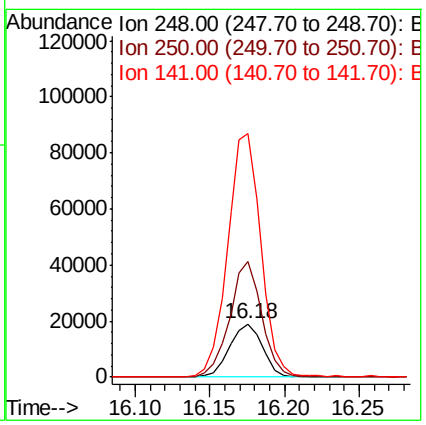


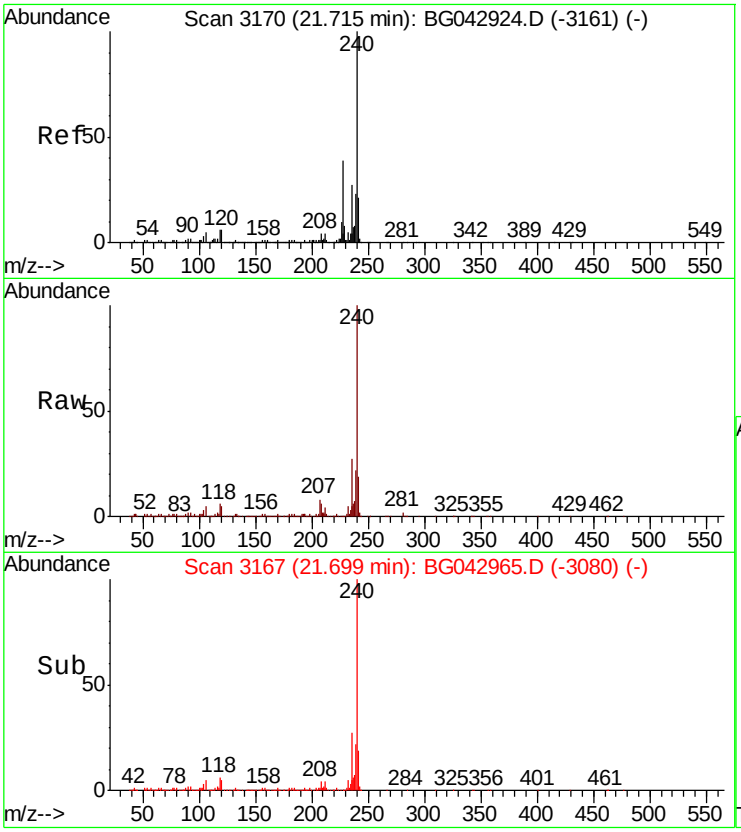


#67
4-Bromophenyl-phenylether
Concen: 5.091 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion:248 Resp: 29497

Ion	Ratio	Lower	Upper
248	100		
250	217.2	75.8	113.8#
141	459.7	51.1	76.7#



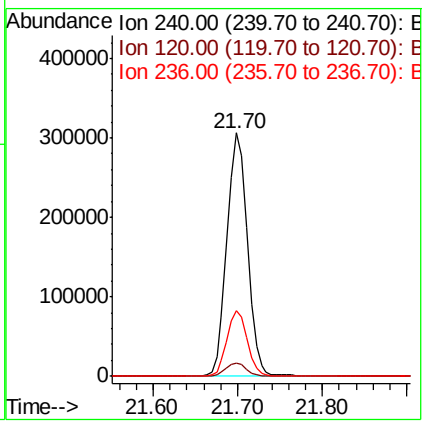


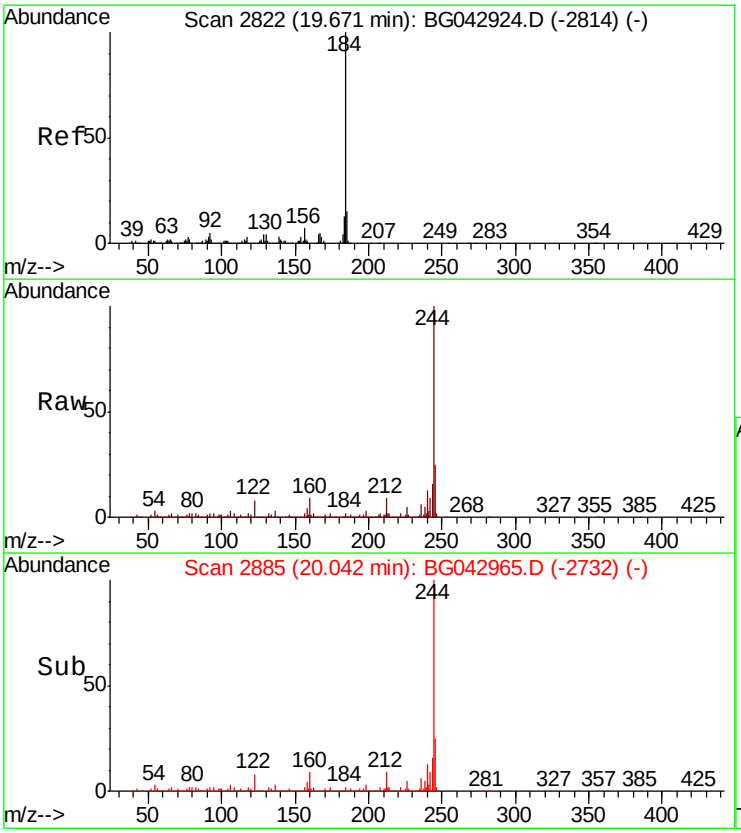
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 513070

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.8	7.2
236	26.8	21.4	32.0

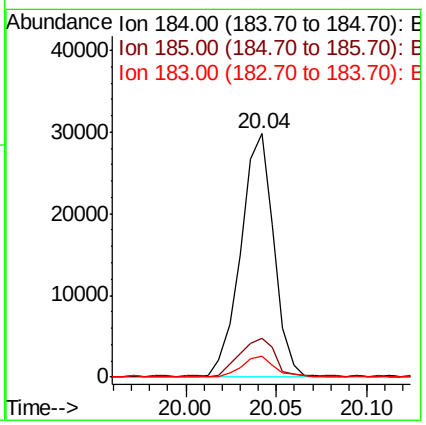


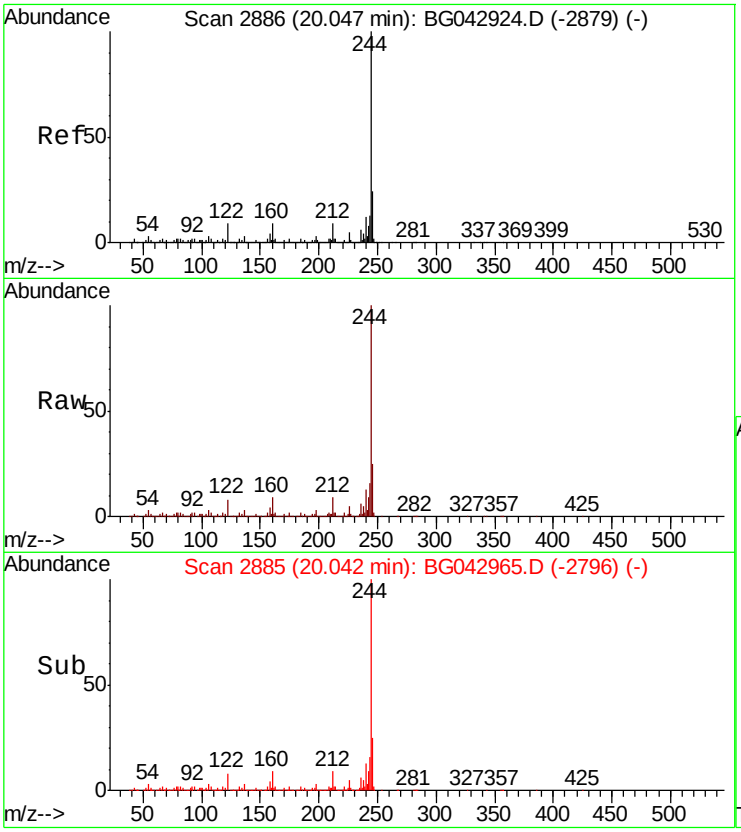


#77
Benzidine
Concen: 2.937 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.37 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion:184 Resp: 37733

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.8	17.8
183	8.8	10.1	15.1#



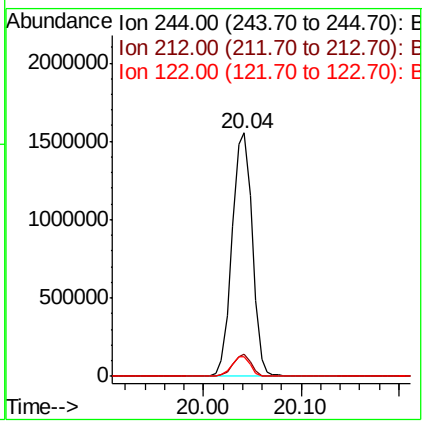


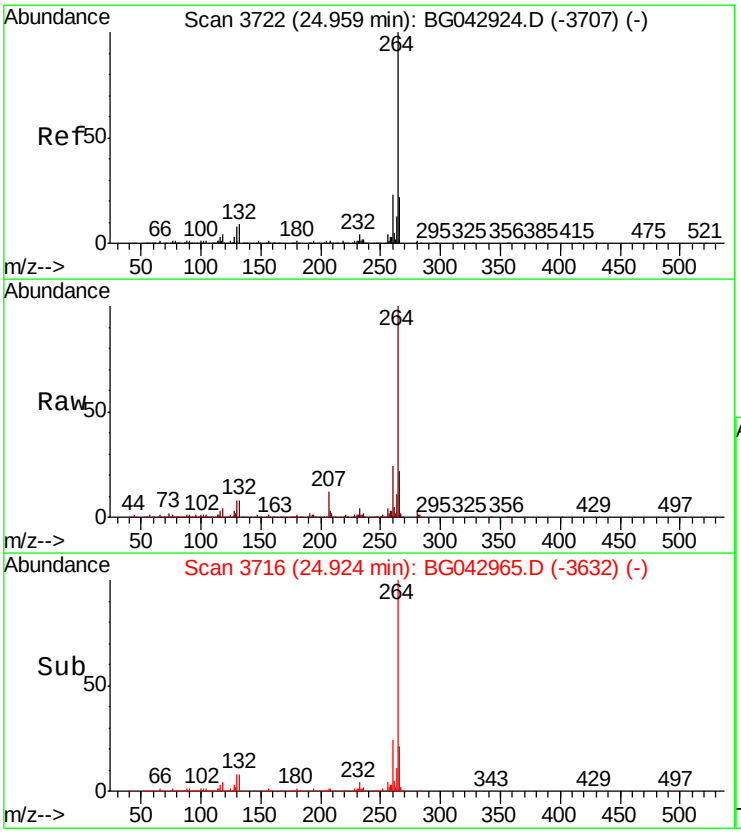
#79
Terphenyl-d14
Concen: 92.565 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2228764

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.4	11.0
122	7.8	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.03 min
Lab File: BG042965.D
Acq: 1 Oct 2019 6:24

Tgt Ion:264 Resp: 584476

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.7	17.7	26.5