Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043241.D
Acq On : 16 Oct 2019 7:29
Operator : JU
Sample : K5335-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 16 08:16:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59398	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	227217	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	153606	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	321454	20.00	ng	0.00
76) Chrysene-d12	21.70	240	357111	20.00	ng	0.00
87) Perylene-d12	24.92	264	419350	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	435365	130.81	ng	0.00
7) Phenol-d6	7.23	99	599094	124.99	ng	0.00
23) Nitrobenzene-d5	9.21	82	387233	82.84	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	354321	134.14	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	993724	93.79	ng	0.00
79) Terphenyl-d14	20.04	244	1703704	101.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	8525	6.143	ng	# 1
10) Phenol	7.25	94	14040	3.193	ng	# 70
19) n-Nitroso-di-n-propylamine	9.21	70	51924	16.498	ng	# 75
31) Naphthalene	10.91	128	24083	2.153	ng	# 94
32) Benzoic acid	10.08	122	60	2.827	ng	# 1
50) Dimethylphthalate	14.12	163	83806	7.282	ng	96
57) 2,4-Dinitrotoluene	14.68	165	21192	5.904	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	23185	5.747	ng	# 1
77) Benzidine	20.04	184	25623	2.866	ng	97

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

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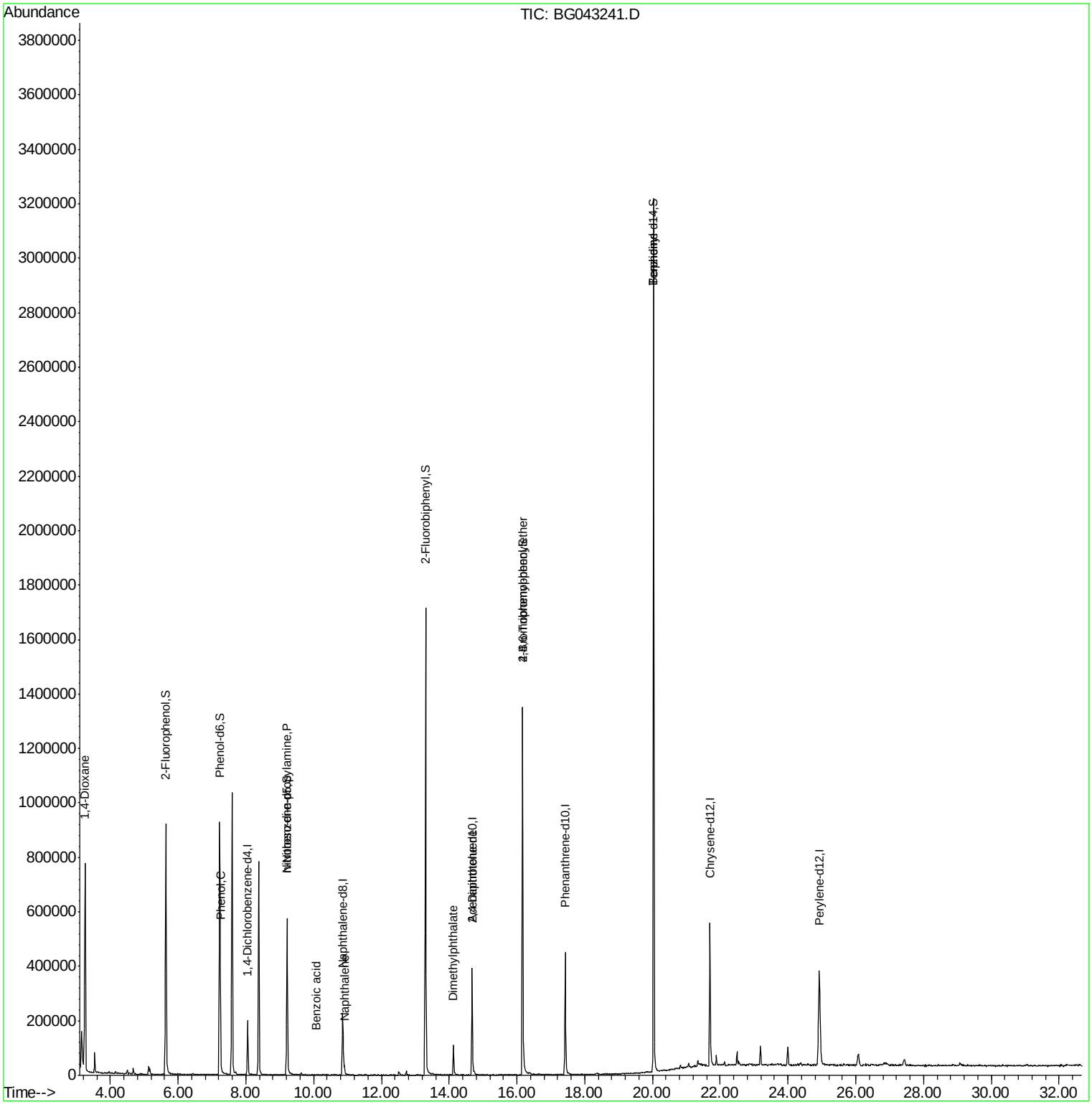
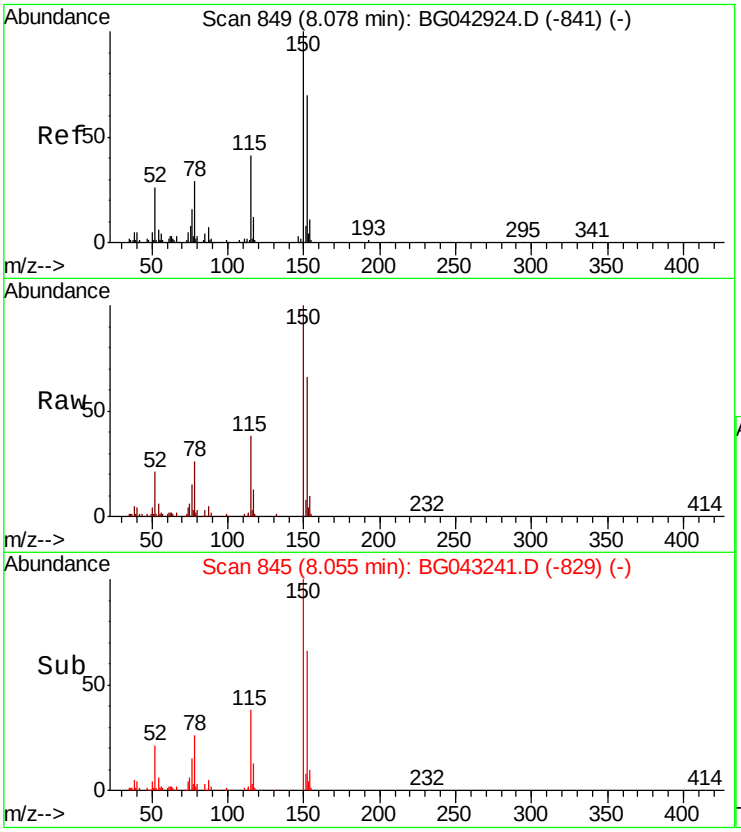


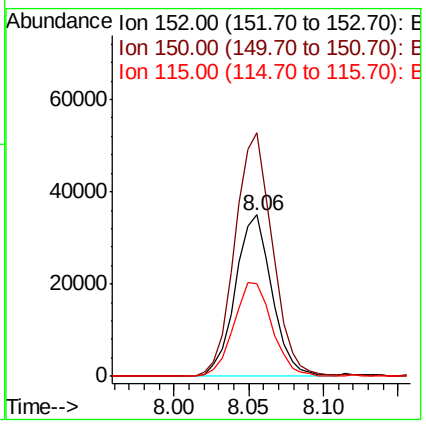


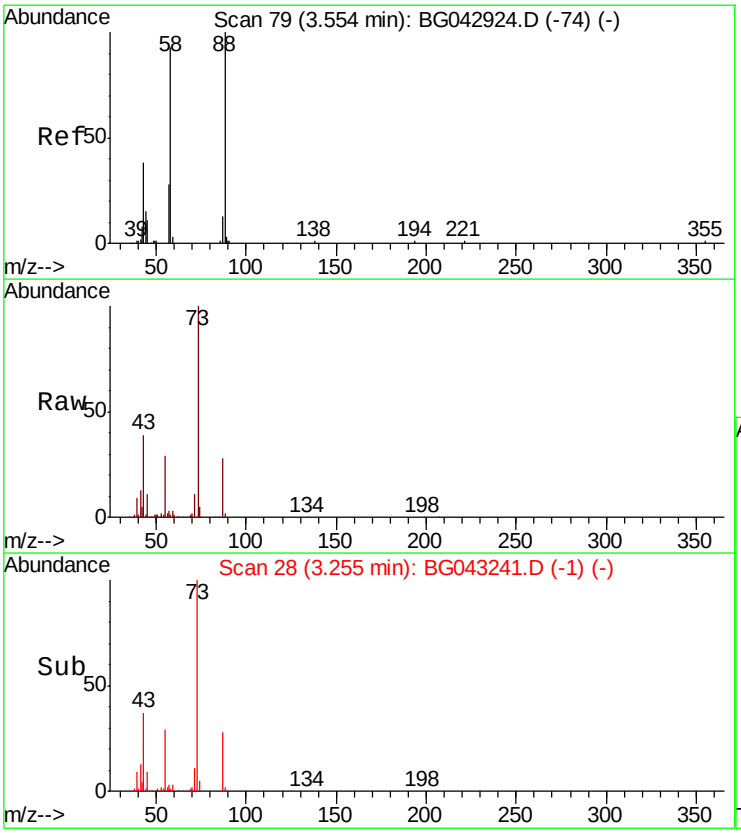
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 59398

Ion	Ratio	Lower	Upper
152	100		
150	151.0	115.0	172.4
115	57.1	47.0	70.6

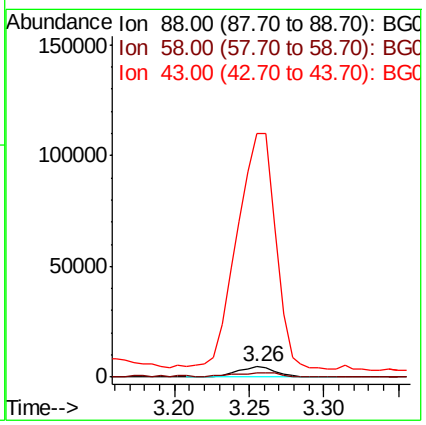


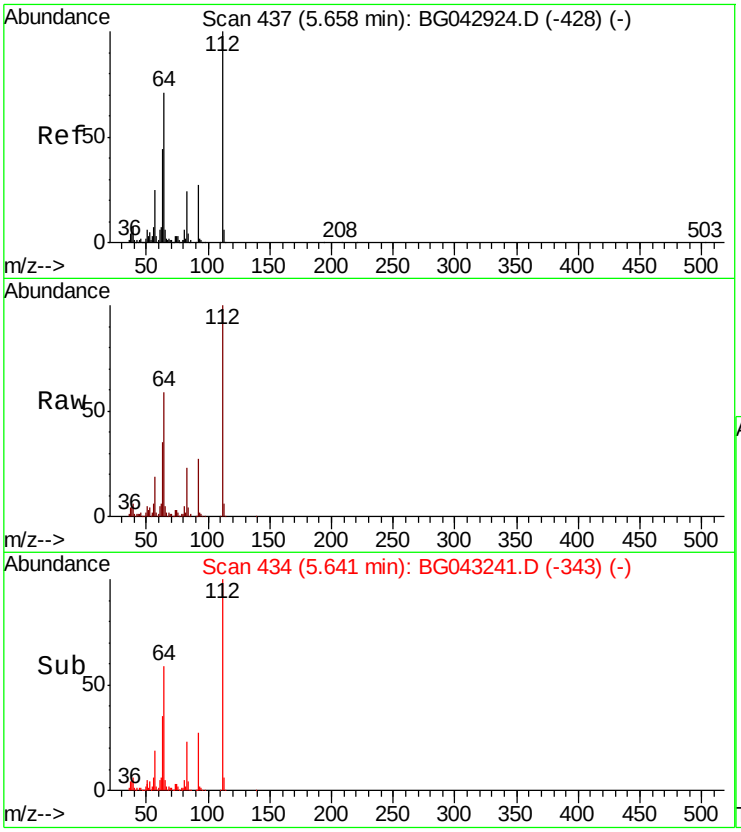


#2
1,4-Dioxane
Concen: 6.143 ng
RT: 3.26 min Scan# 28
Delta R.T. -0.28 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Tgt Ion: 88 Resp: 8525

Ion	Ratio	Lower	Upper
88	100		
58	39.6	74.3	111.5#
43	2238.5	29.8	44.8#



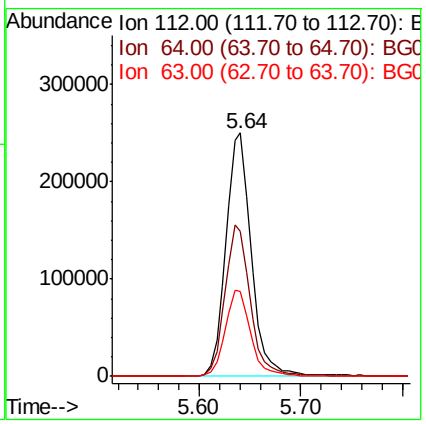


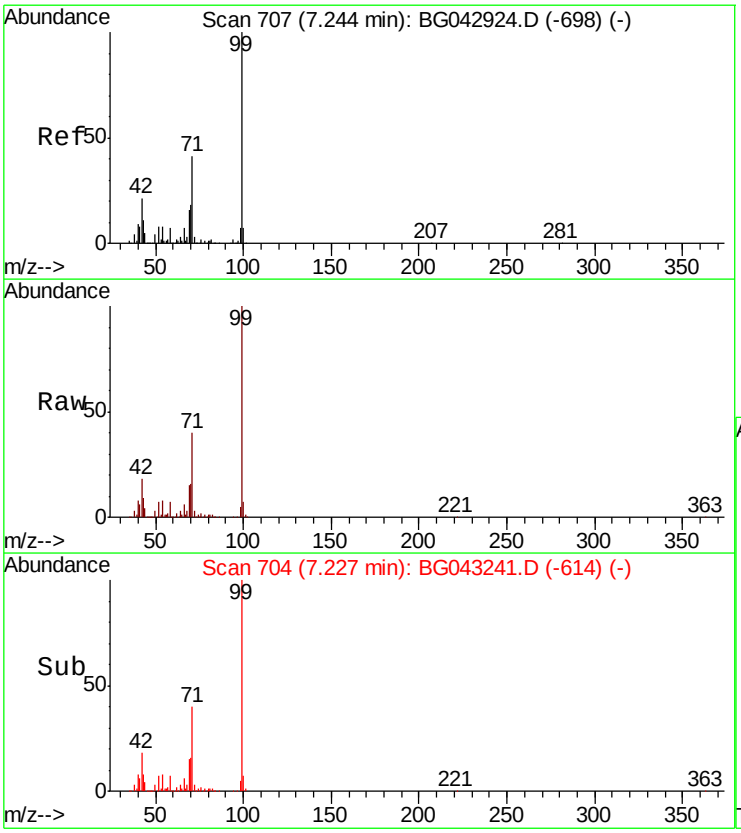
#5
2-Fluorophenol
Concen: 130.806 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 435365

Ion	Ratio	Lower	Upper
112	100		
64	59.4	56.6	84.8
63	34.7	35.1	52.7#

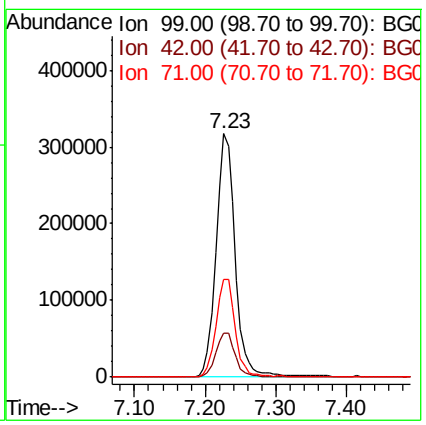


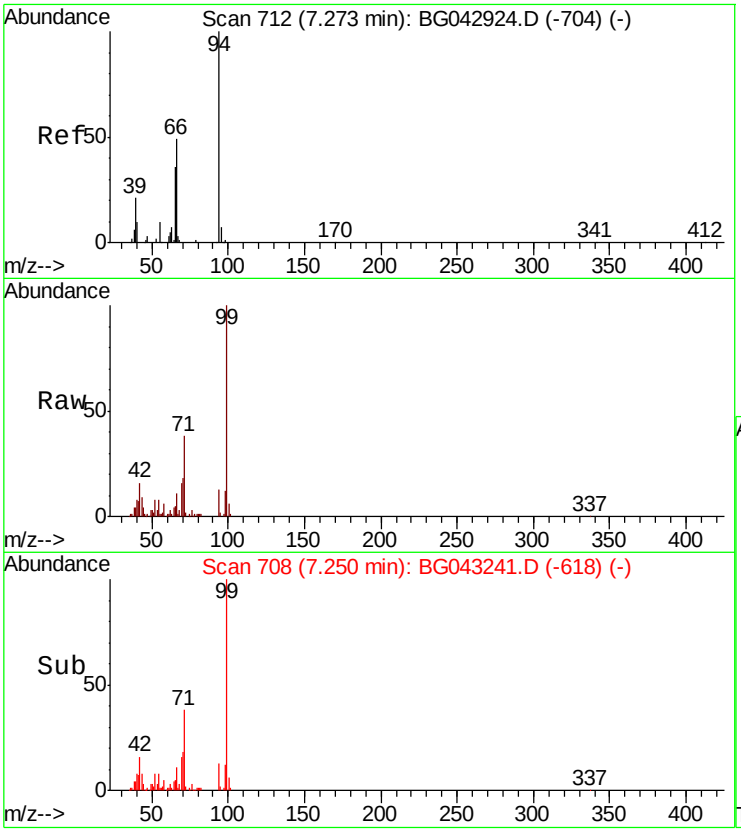


#7
Phenol-d6
Concen: 124.994 ng
RT: 7.23 min Scan# 704
Delta R.T. -0.00 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Tgt Ion: 99 Resp: 599094

Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.2	25.8
71	40.2	33.1	49.7



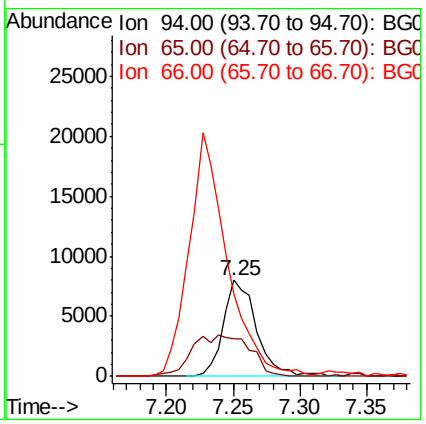


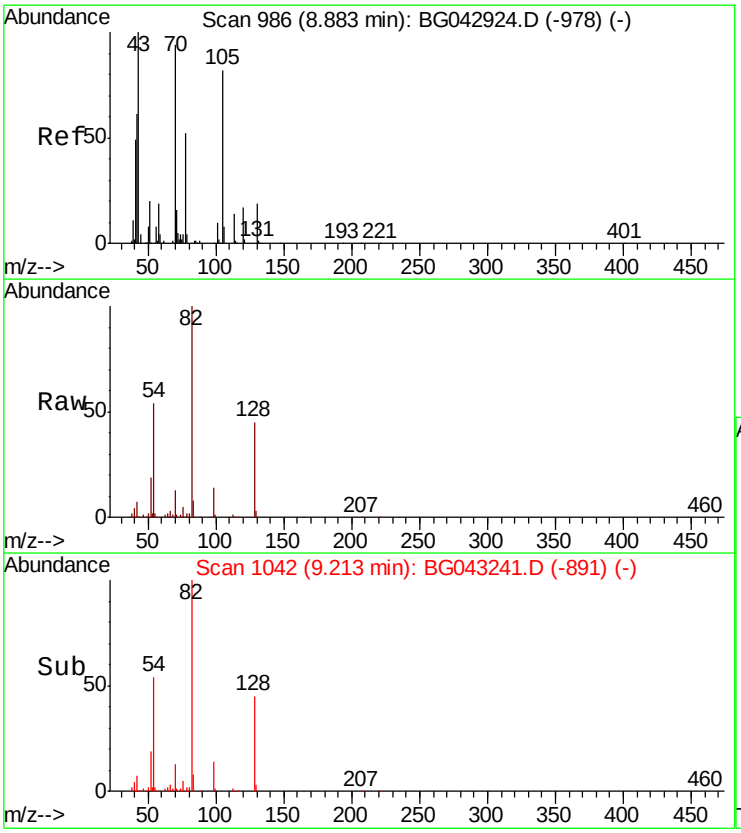
#10
Phenol
Concen: 3.193 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 14040

Ion	Ratio	Lower	Upper
94	100		
65	39.6	16.6	56.6
66	85.3	32.4	72.4#

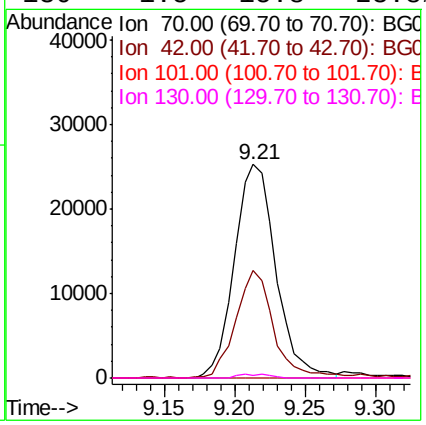


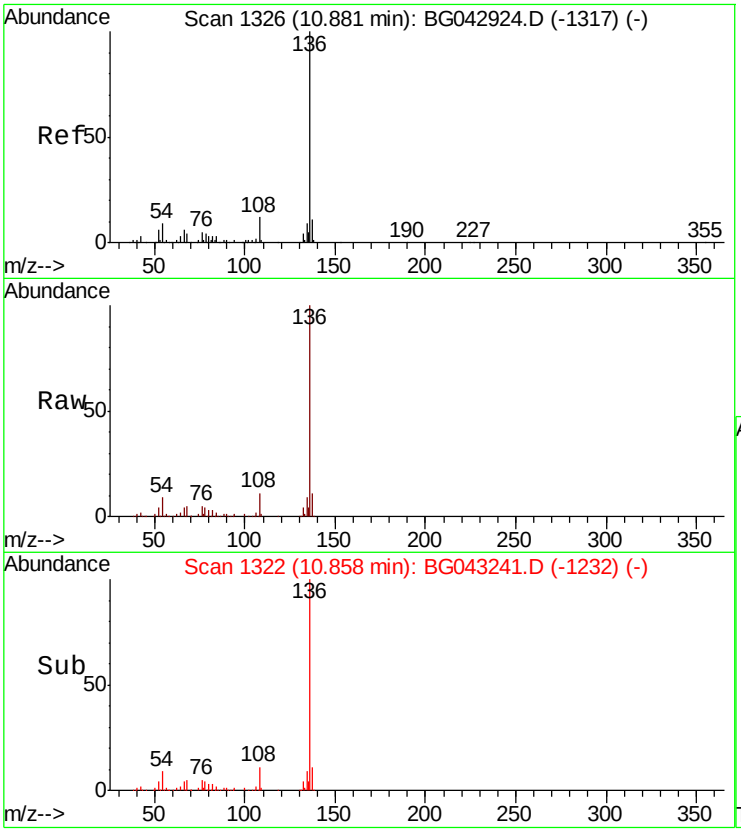


#19
n-Nitroso-di-n-propylamine
Concen: 16.498 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Tgt Ion: 70 Resp: 51924

Ion	Ratio	Lower	Upper
70	100		
42	50.2	52.6	79.0#
101	0.0	8.7	13.1#
130	1.5	15.8	23.8#



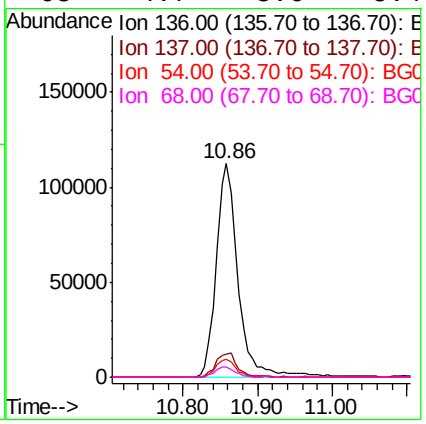


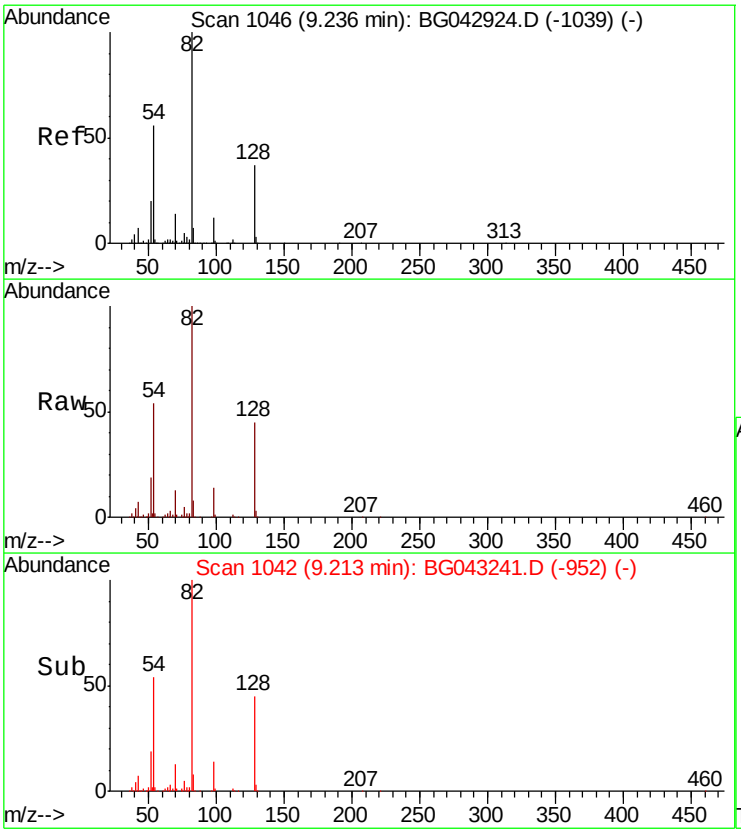
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 227217

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.6	7.4	11.2
68	4.7	3.6	5.4

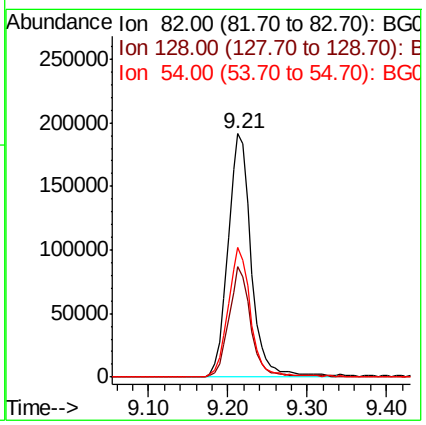


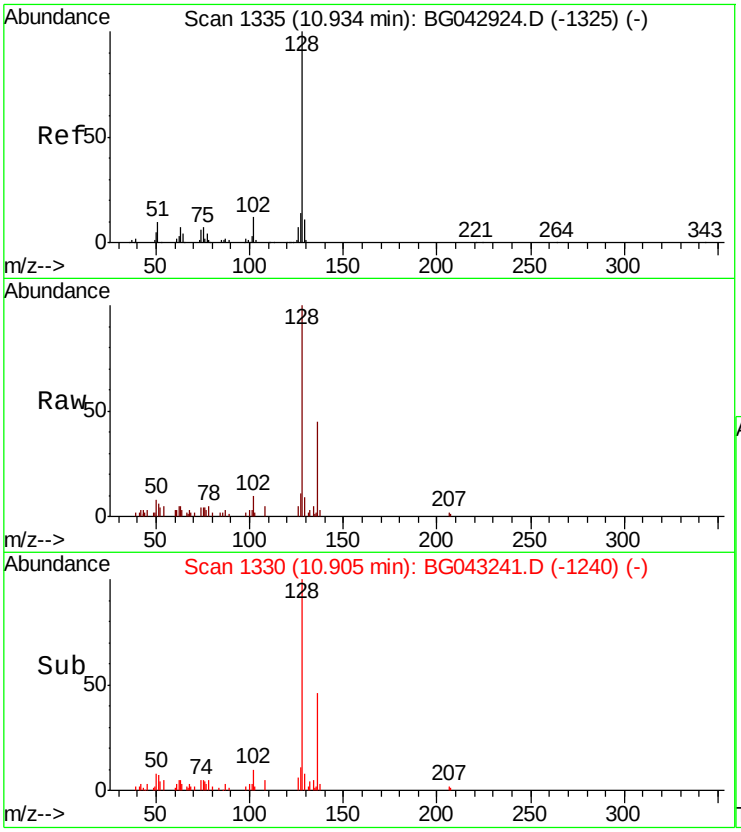


#23
Nitrobenzene-d5
Concen: 82.835 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Tgt Ion: 82 Resp: 387233

Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.5	44.3#
54	53.5	44.6	67.0



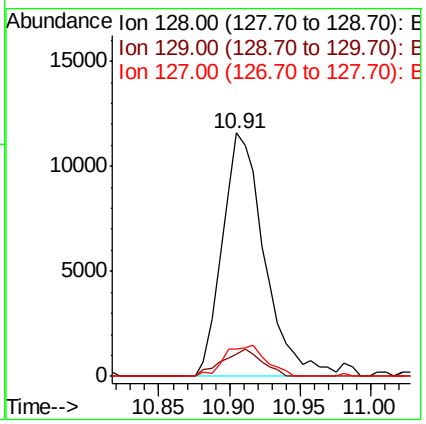


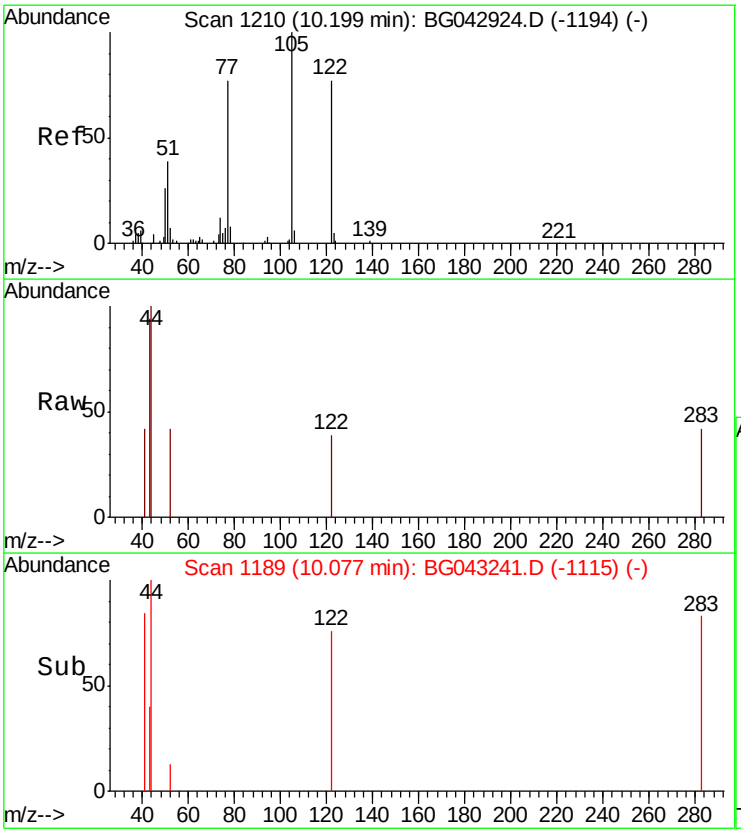
#31
Naphthalene
Concen: 2.153 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 24083

Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.8	13.2
127	11.2	11.3	16.9#

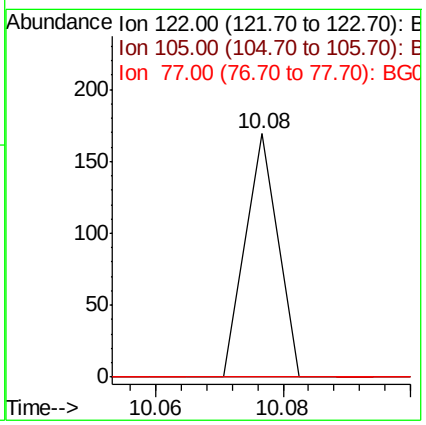


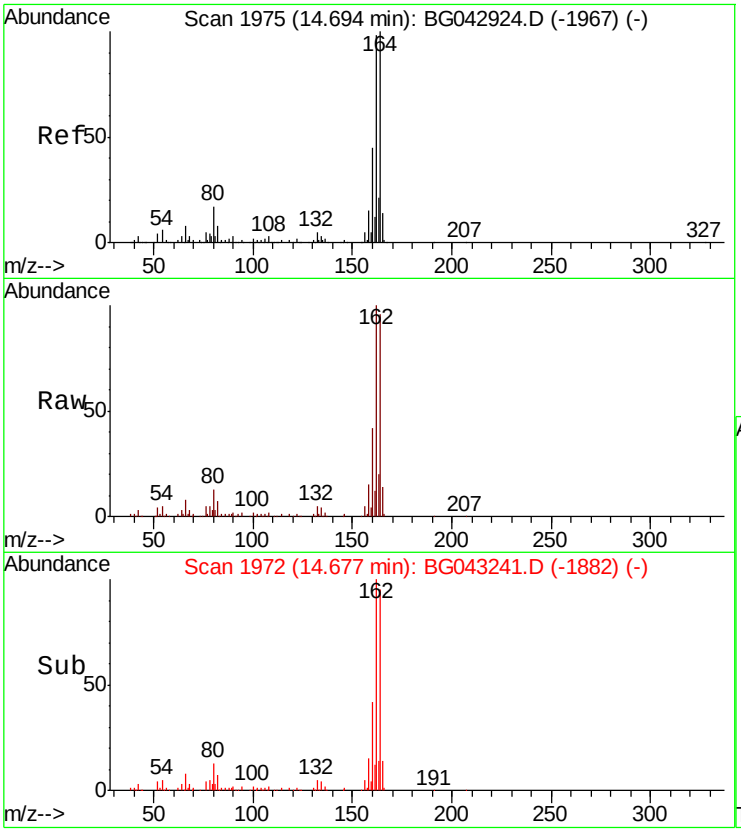


#32
Benzoic acid
Concen: 2.827 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.10 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Tgt Ion:122 Resp: 60

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



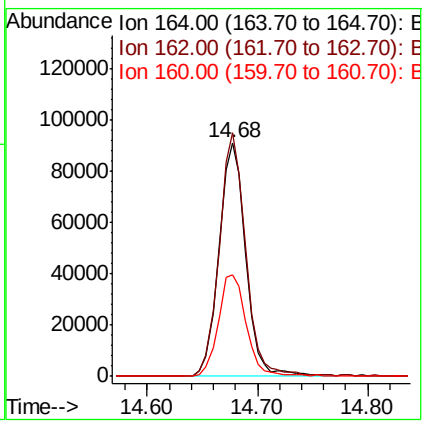


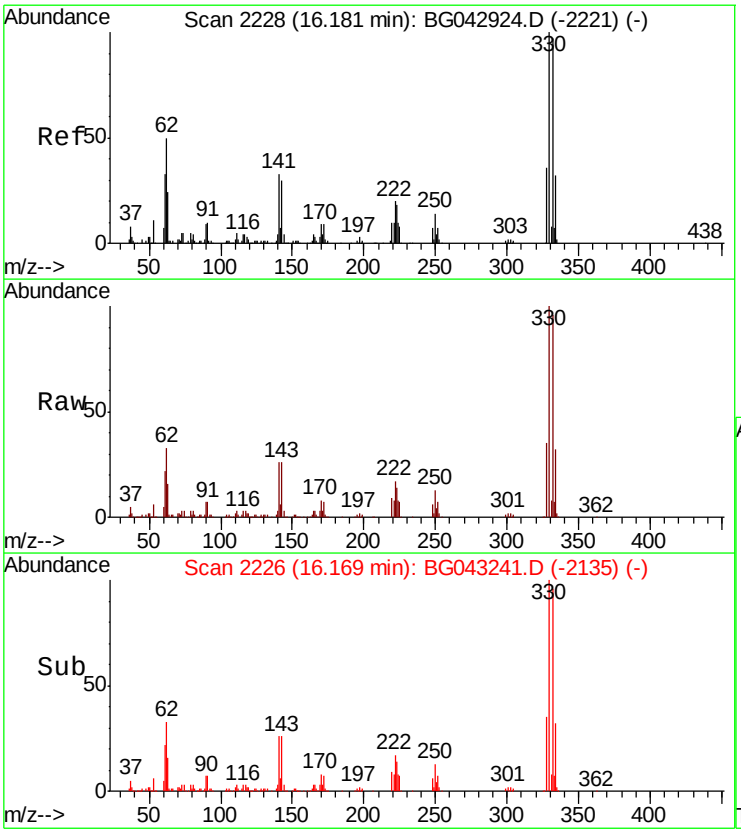
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 153606

Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.5	117.7
160	43.3	35.9	53.9

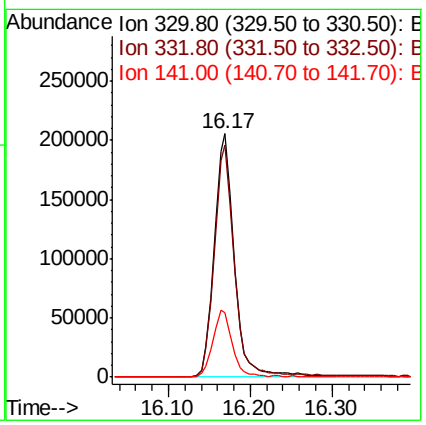


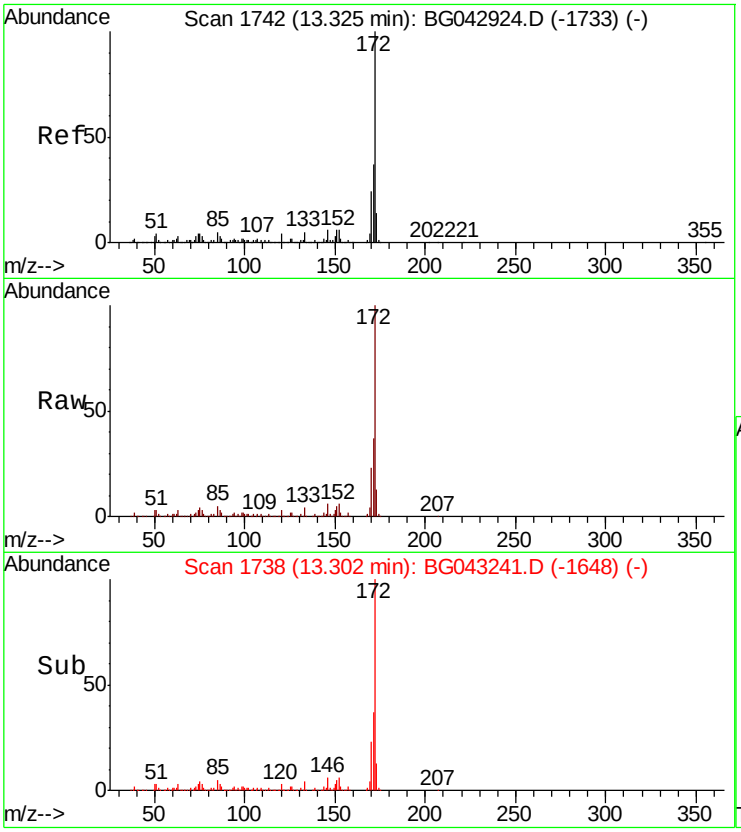


#42
2,4,6-Tribromophenol
Concen: 134.144 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Tgt Ion:330 Resp: 354321

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.2	117.2
141	27.0	26.0	39.0



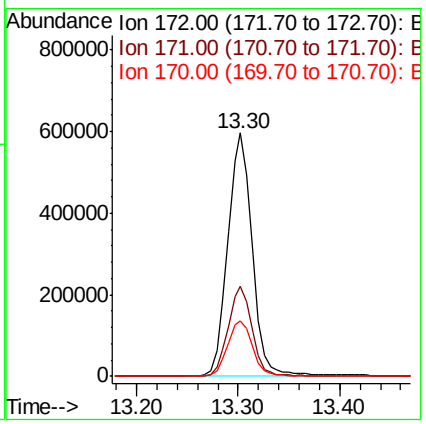


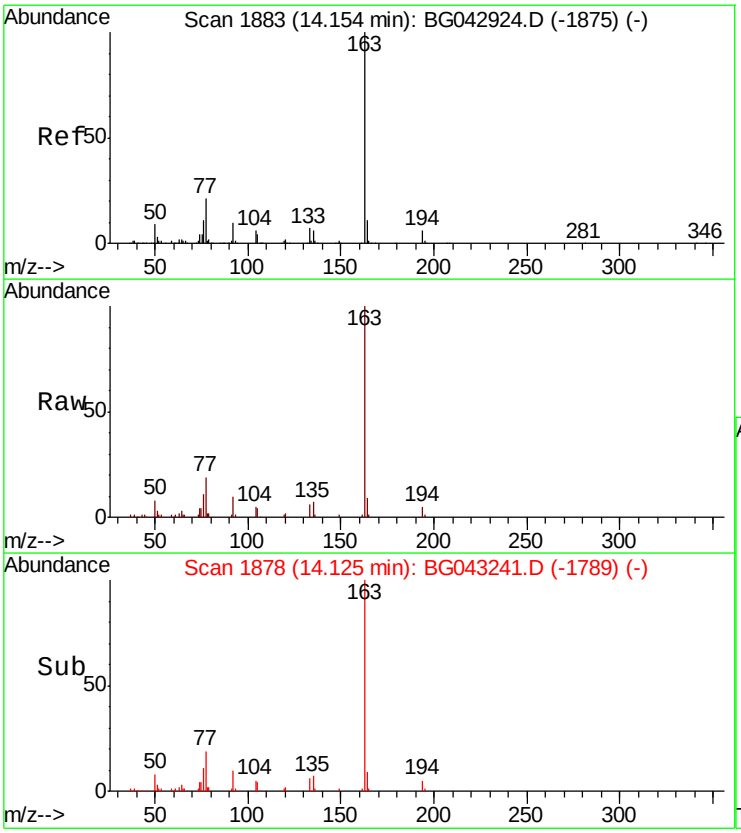
#45
2-Fluorobiphenyl
Concen: 93.785 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 993724

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.0	19.6	29.4

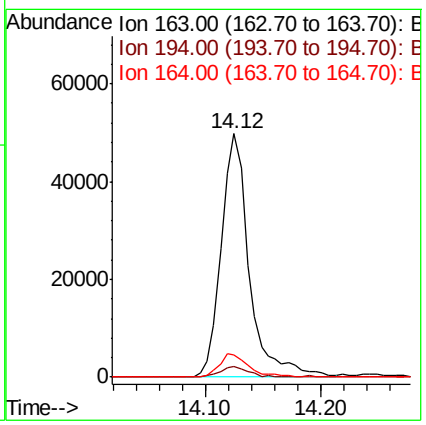


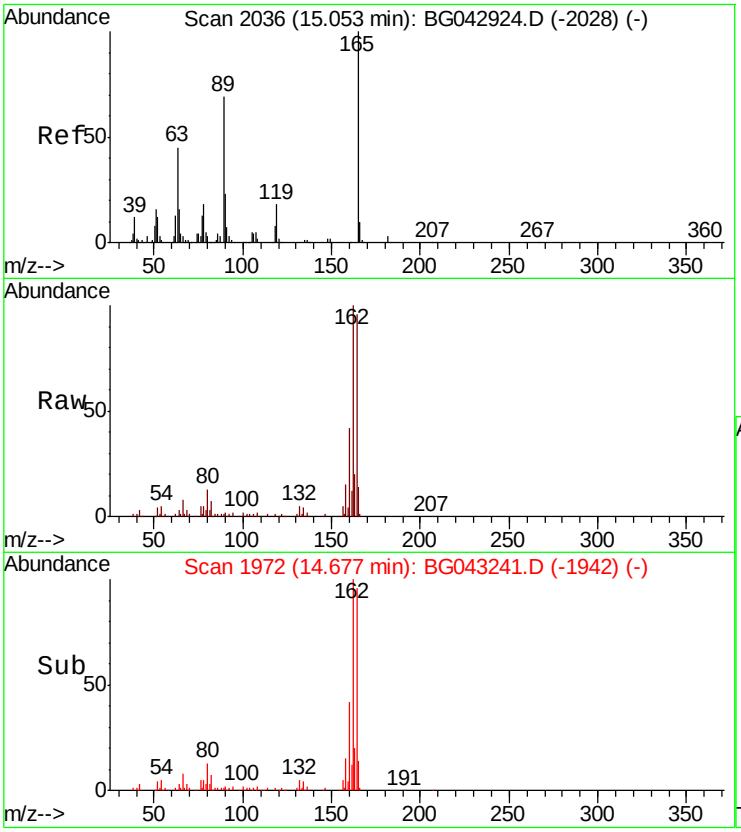


#50
Dimethylphthalate
Concen: 7.282 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Tgt Ion:163 Resp: 83806

Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.4	6.6
164	9.1	8.6	12.8



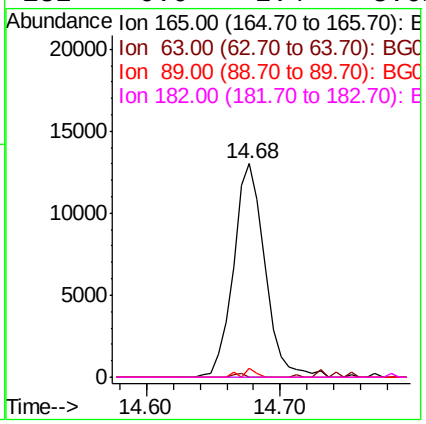


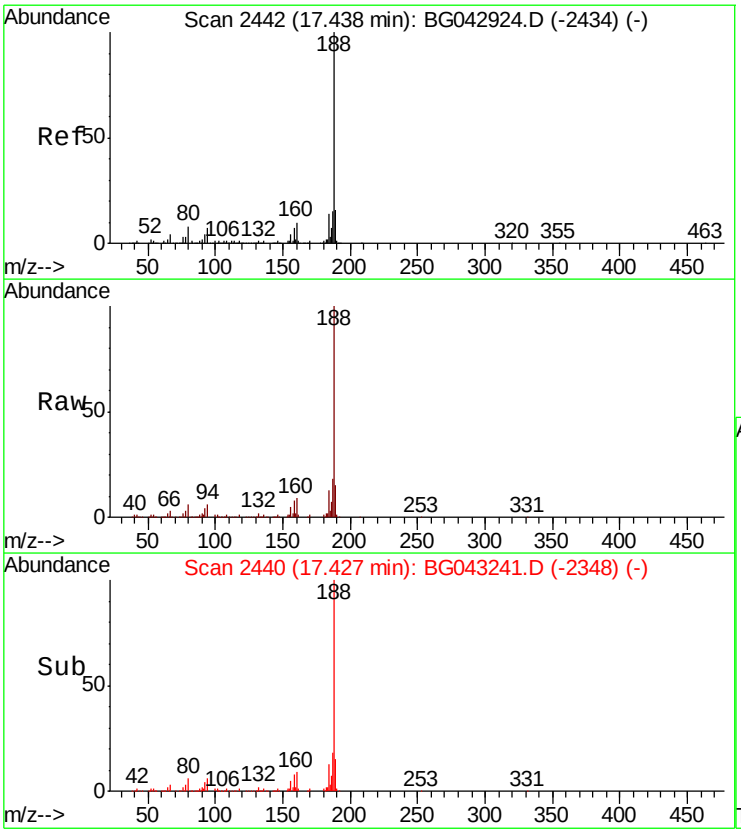
#57
2,4-Dinitrotoluene
Concen: 5.904 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21192

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	4.0	55.5	83.3#
182	0.0	2.4	3.6#

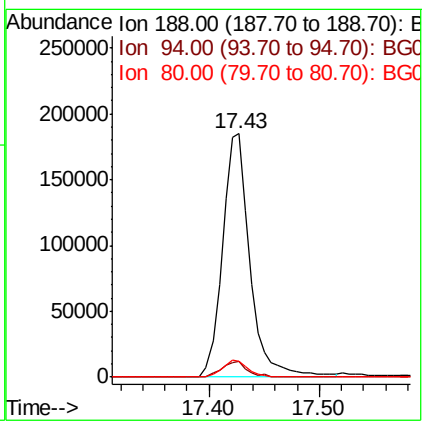


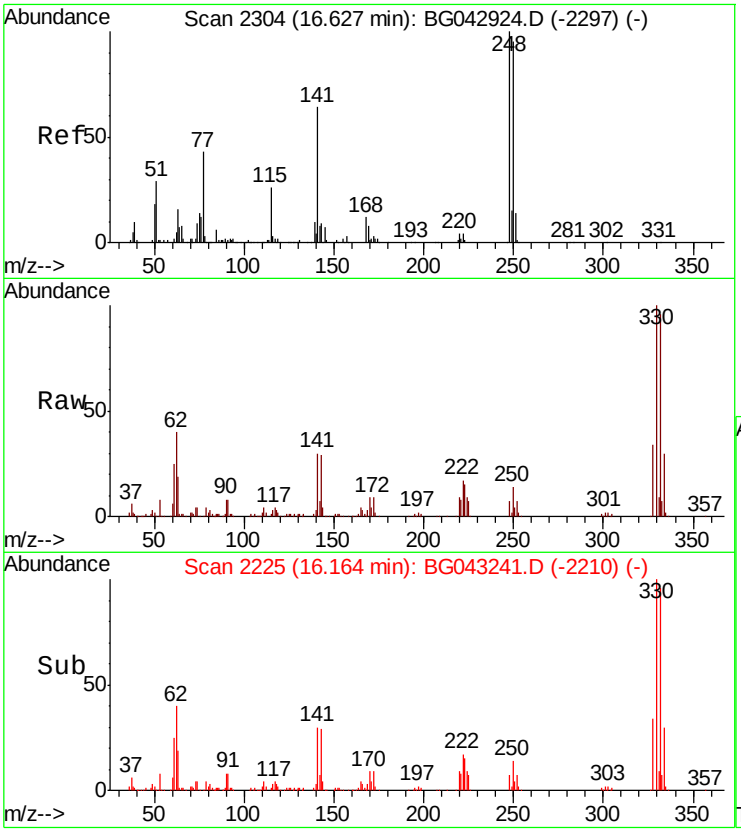


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Tgt Ion:188 Resp: 321454

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.7	8.5
80	6.3	6.5	9.7#



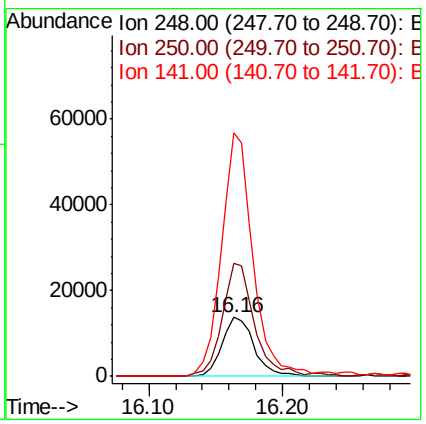


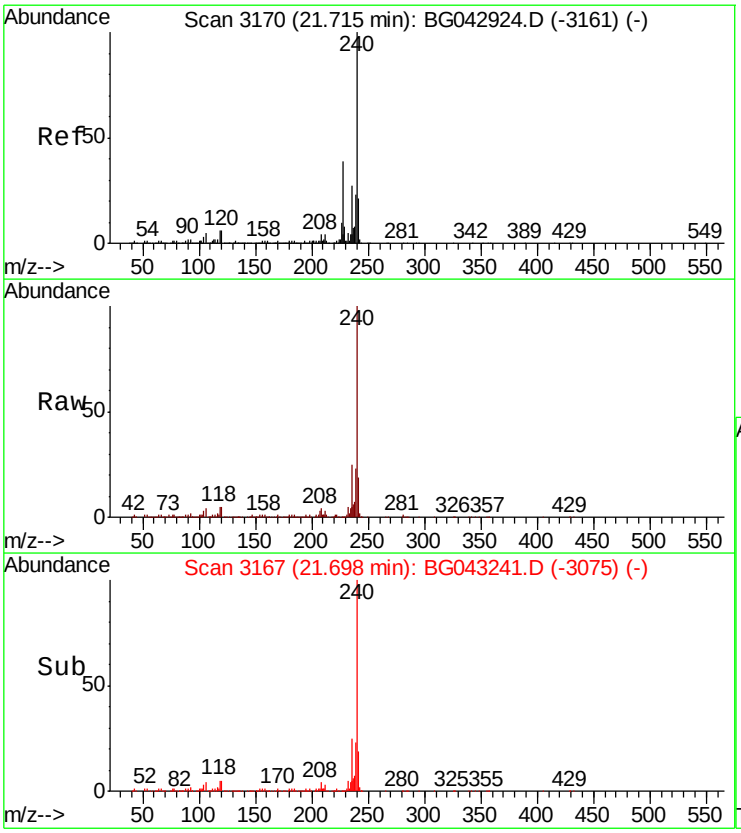
#67
4-Bromophenyl-phenylether
Concen: 5.747 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.44 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23185

Ion	Ratio	Lower	Upper
248	100		
250	190.1	75.8	113.8#
141	410.8	51.1	76.7#

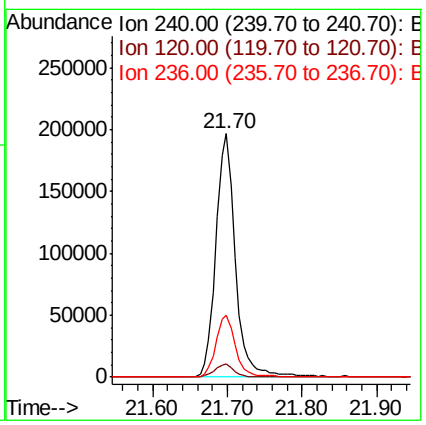


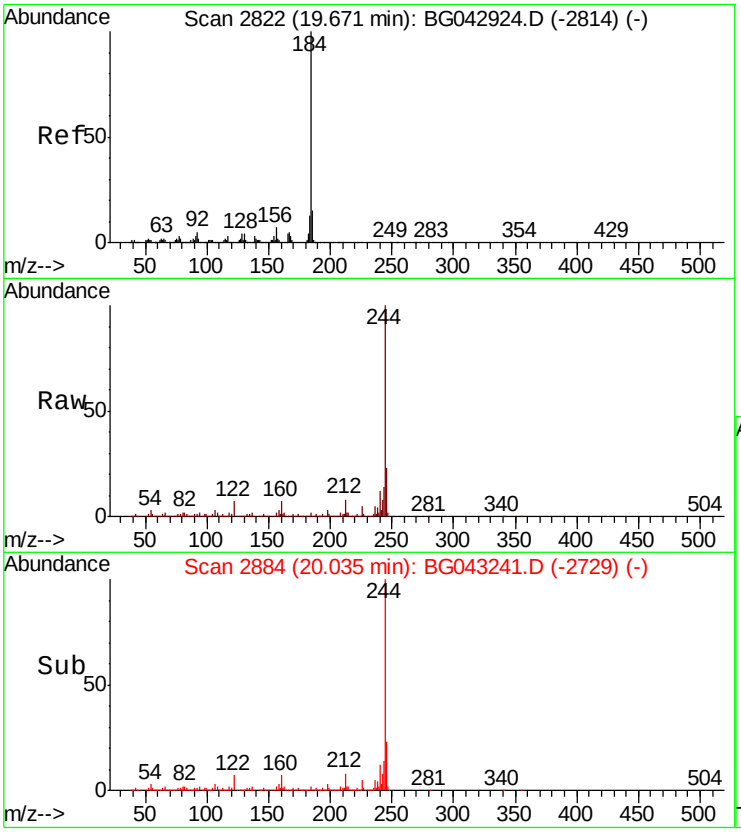


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Tgt Ion:240 Resp: 357111

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.8	7.2
236	25.3	21.4	32.0



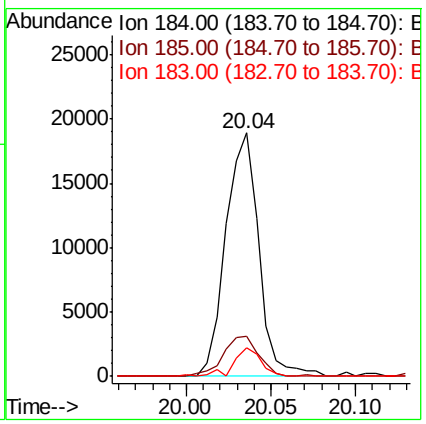


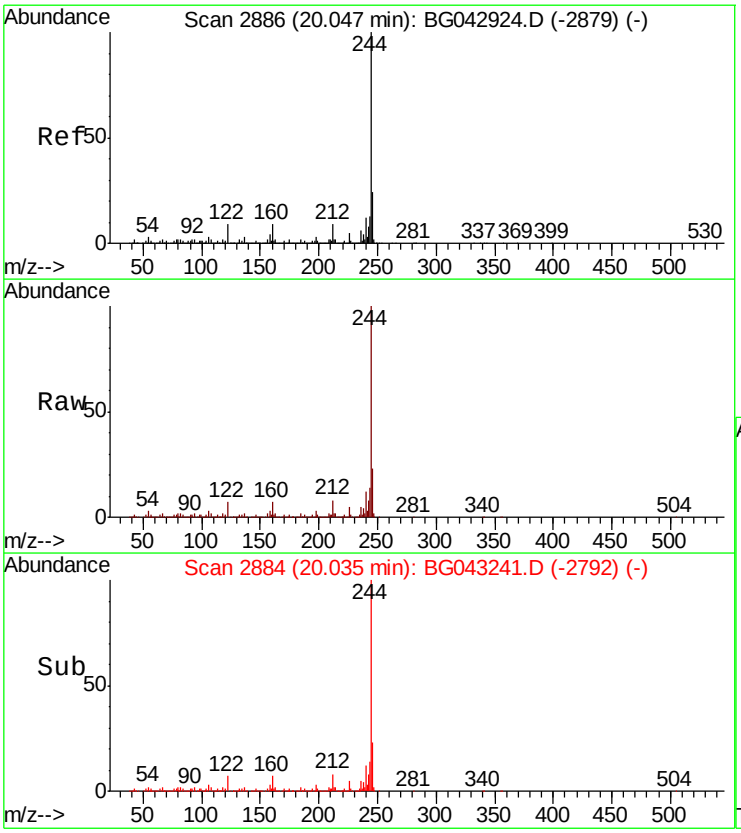
#77
Benzidine
Concen: 2.866 ng
RT: 20.04 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 25623

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.8	17.8
183	11.9	10.1	15.1

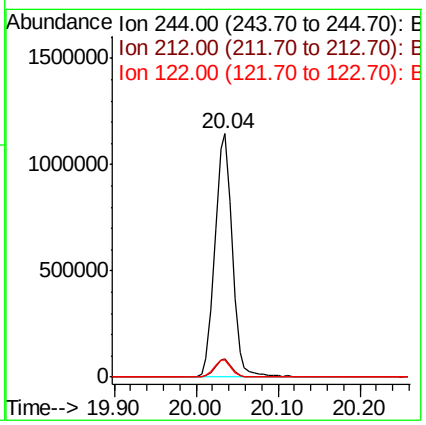


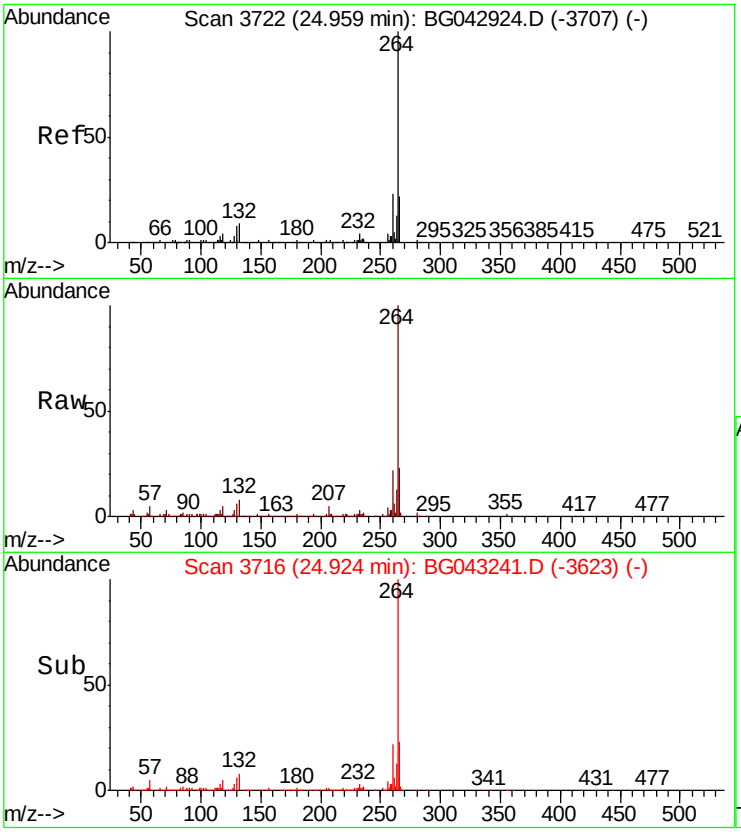


#79
Terphenyl-d14
Concen: 101.660 ng
RT: 20.04 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Tgt Ion:244 Resp: 1703704

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.4	11.0
122	7.1	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG043241.D
Acq: 16 Oct 2019 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 419350

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	22.9	17.7	26.5