Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043038.D
Acq On : 4 Oct 2019 21:28
Operator : JU
Sample : K5154-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103I

Quant Time: Oct 05 06:35:24 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	8.06	152	74034	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	285954	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	203015	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	480380	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	513886	20.00	ng	-0.03
87) Perylene-d12	24.91	264	601085	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	303061	73.05	ng	-0.01
7) Phenol-d6	7.23	99	272852	45.67	ng	-0.01
23) Nitrobenzene-d5	9.22	82	425047	72.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	402179	115.21	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1025703	73.24	ng	-0.02
79) Terphenyl-d14	20.03	244	1886053	78.21	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	18989	10.979	ng	87
10) Phenol	7.26	94	37819	6.900	ng	98
50) Dimethylphthalate	14.13	163	277788	18.262	ng	98

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

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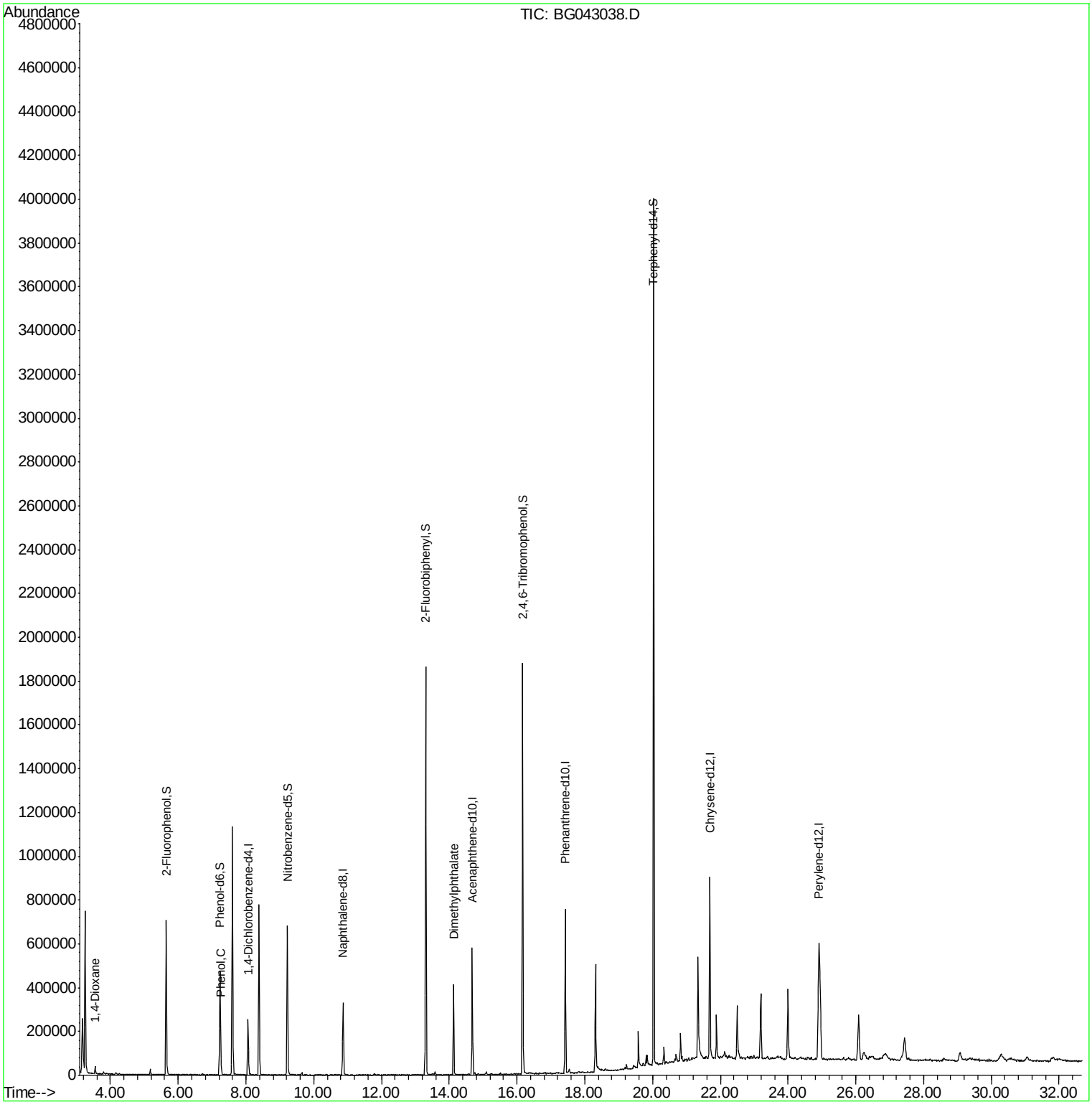
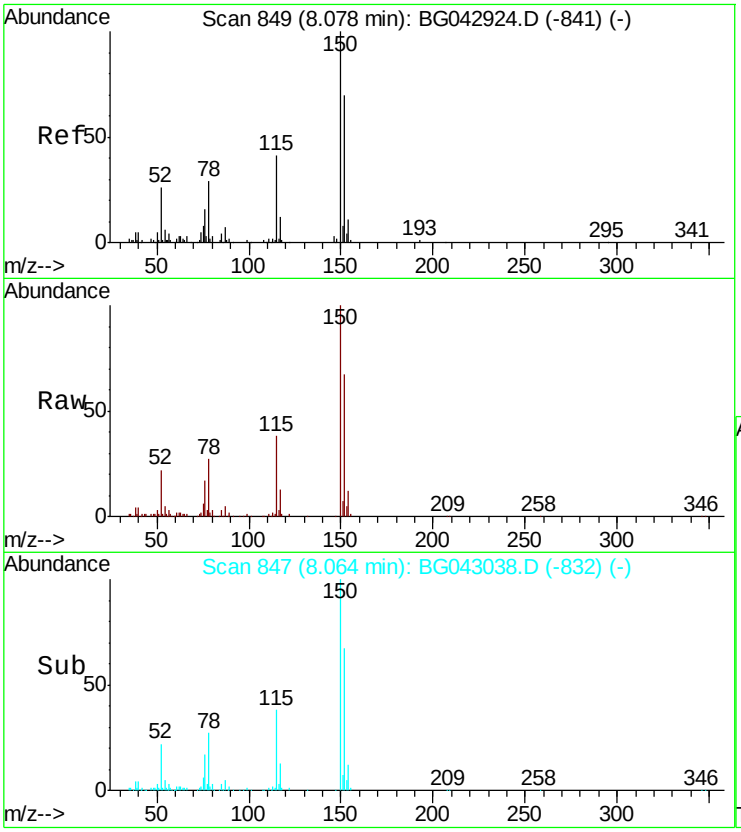


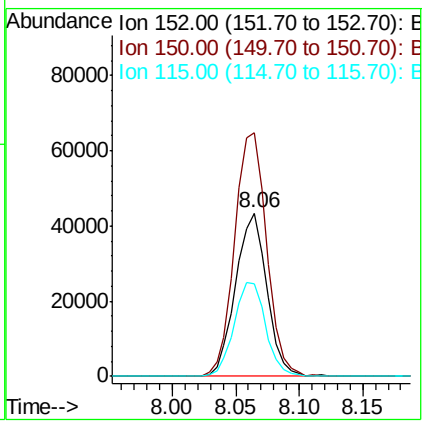


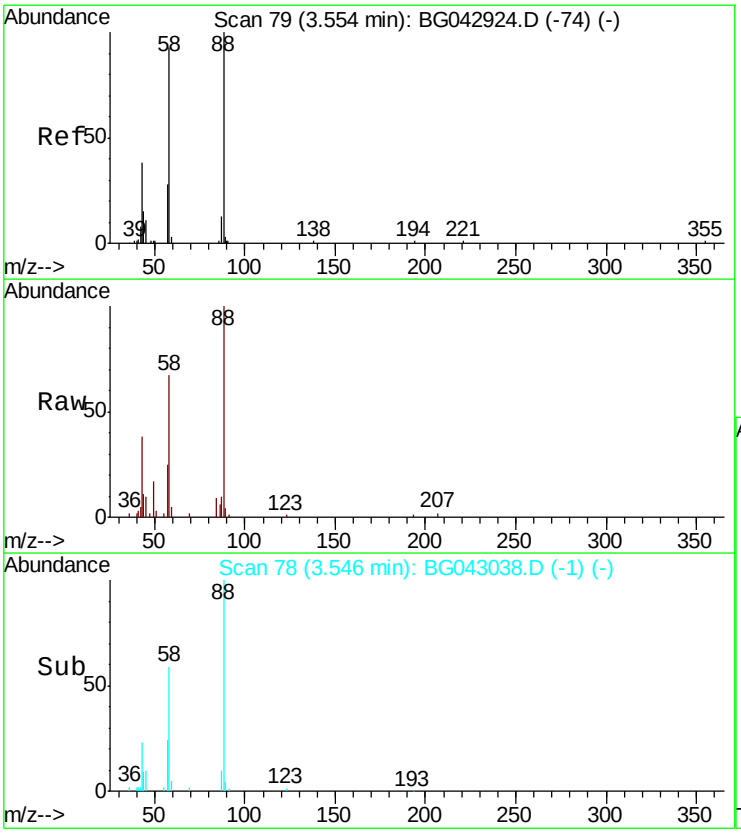
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Instrument :
BNA_G
ClientSampleId :
MW-103I

Tgt Ion:152 Resp: 74034

Ion	Ratio	Lower	Upper
152	100		
150	149.3	115.0	172.4
115	56.6	47.0	70.6

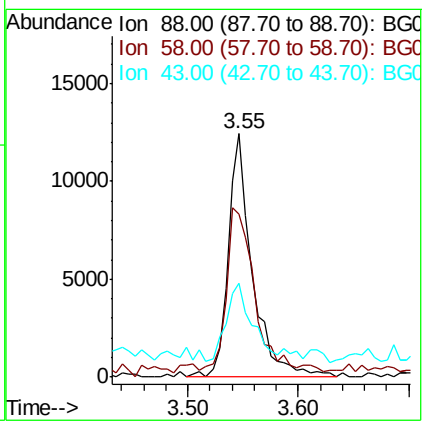


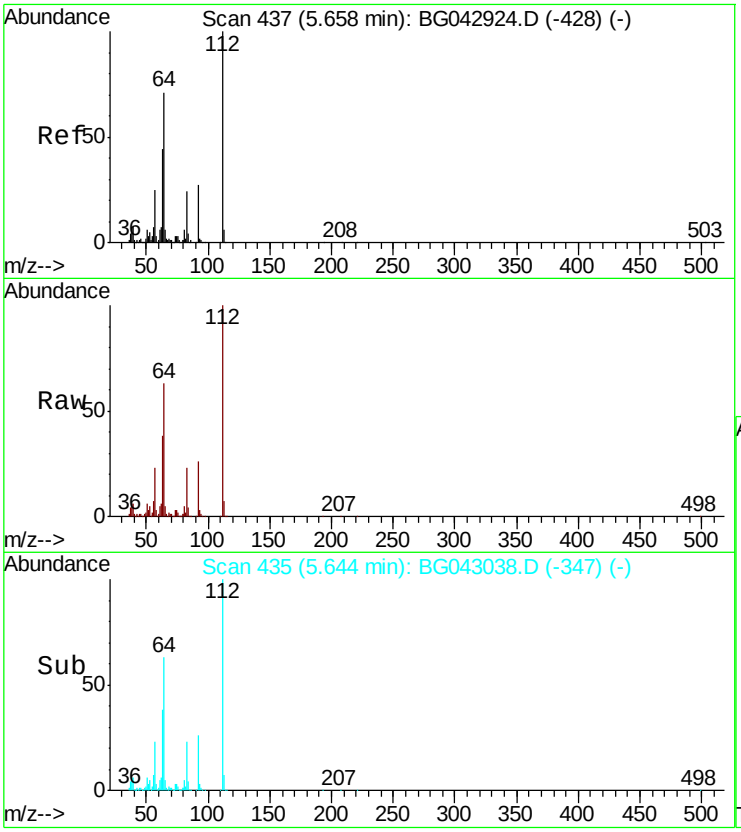


#2
1,4-Dioxane
Concen: 10.979 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Tgt Ion: 88 Resp: 18989

Ion	Ratio	Lower	Upper
88	100		
58	77.2	74.3	111.5
43	33.8	29.8	44.8



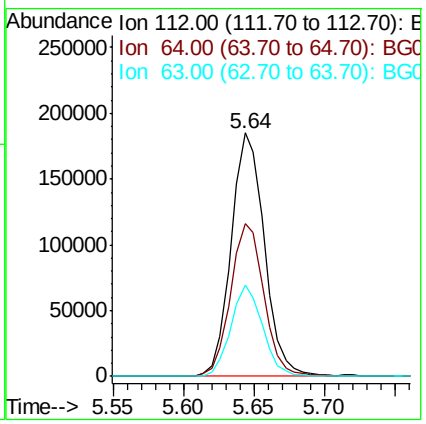


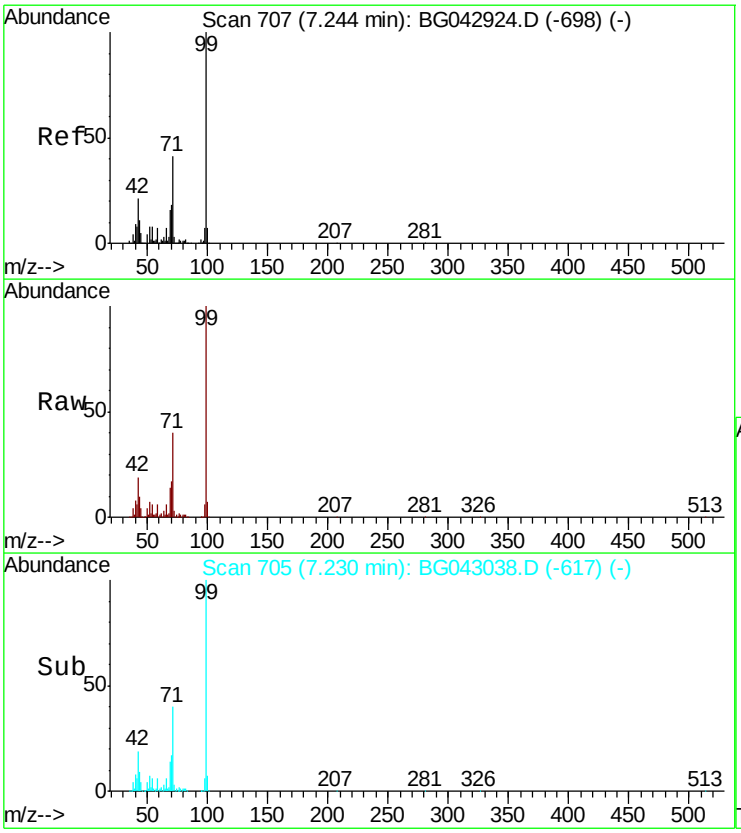
#5
2-Fluorophenol
Concen: 73.054 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Instrument :
BNA_G
ClientSampleId :
MW-103I

Tgt Ion:112 Resp: 303061

Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.6	84.8
63	37.5	35.1	52.7

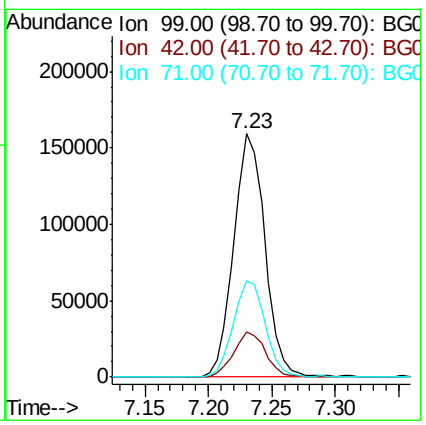


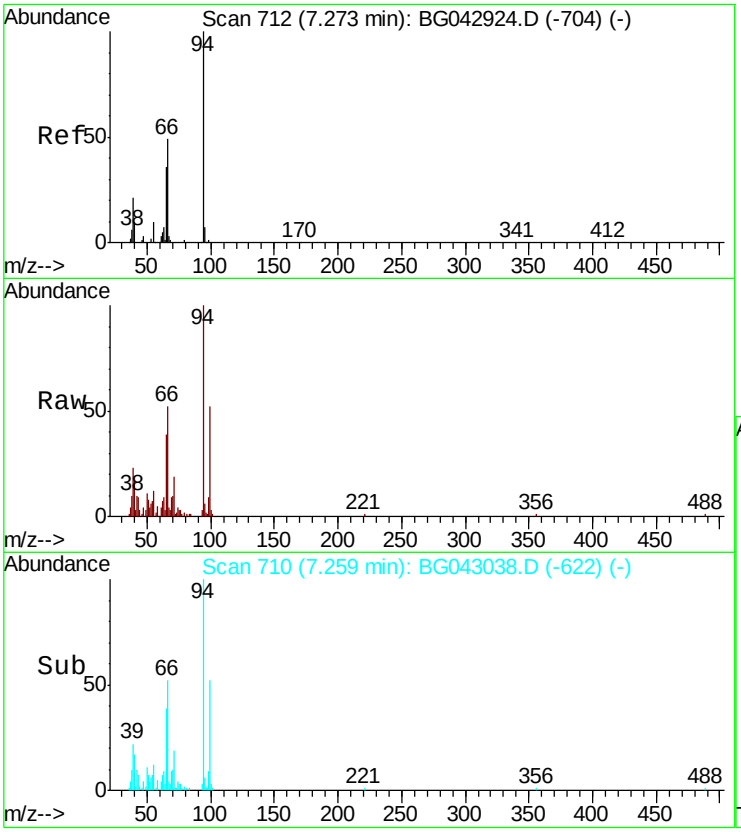


#7
Phenol-d6
Concen: 45.673 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.01 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Tgt Ion: 99 Resp: 272852

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.2	25.8
71	39.7	33.1	49.7



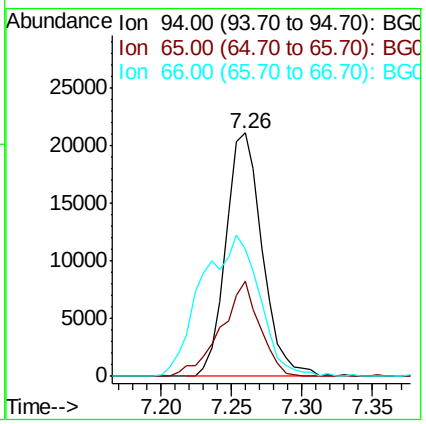


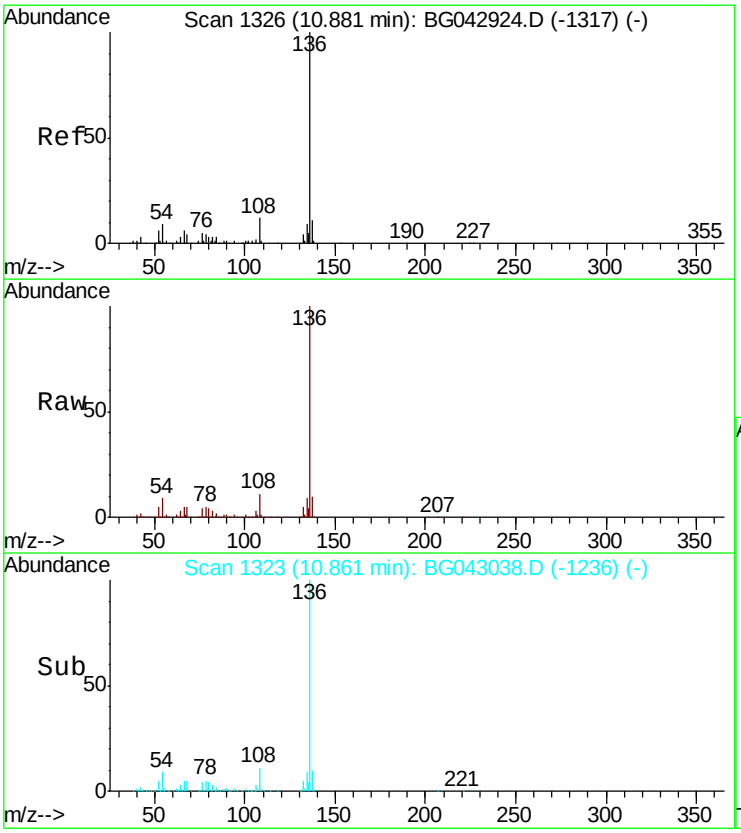
#10
Phenol
Concen: 6.900 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Instrument :
BNA_G
ClientSampleId :
MW-103I

Tgt Ion: 94 Resp: 37819

Ion	Ratio	Lower	Upper
94	100		
65	38.8	16.6	56.6
66	52.1	32.4	72.4

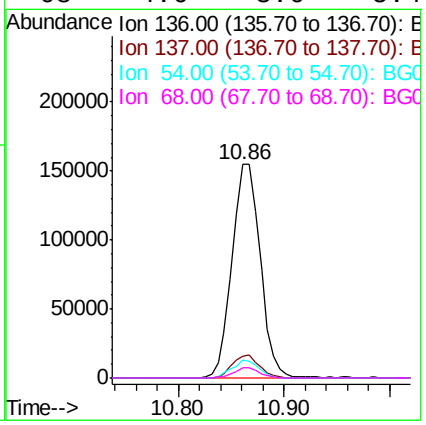


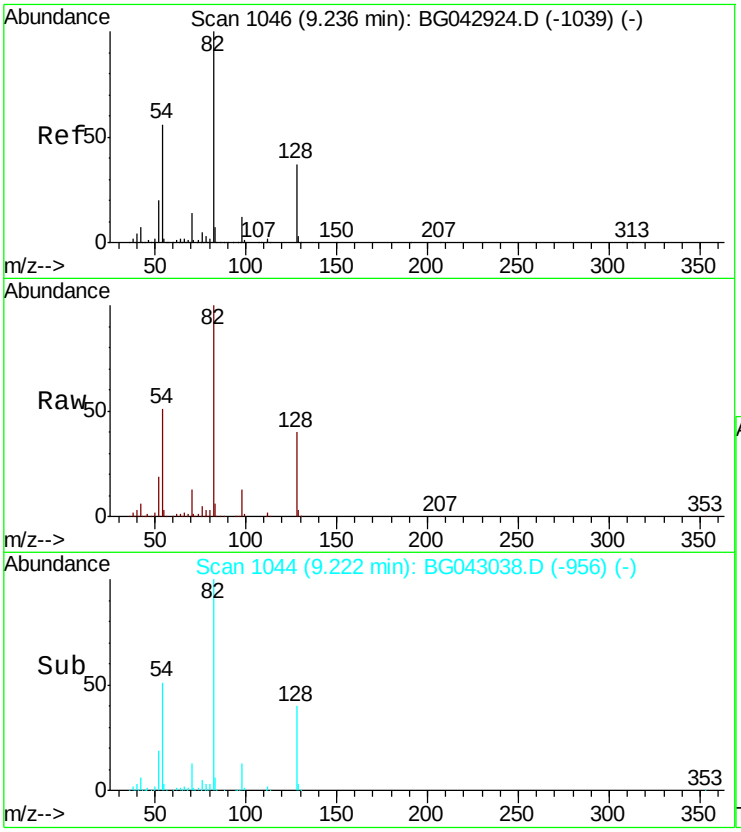


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Tgt Ion:136 Resp: 285954

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.5	12.7
54	8.7	7.4	11.2
68	4.6	3.6	5.4



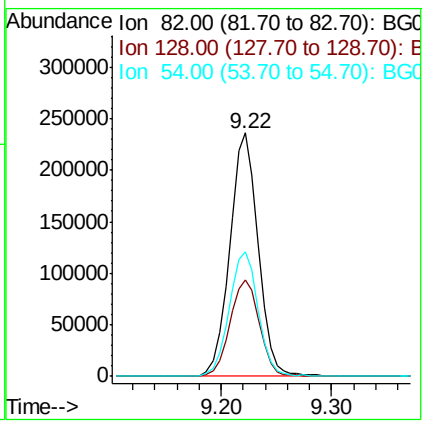


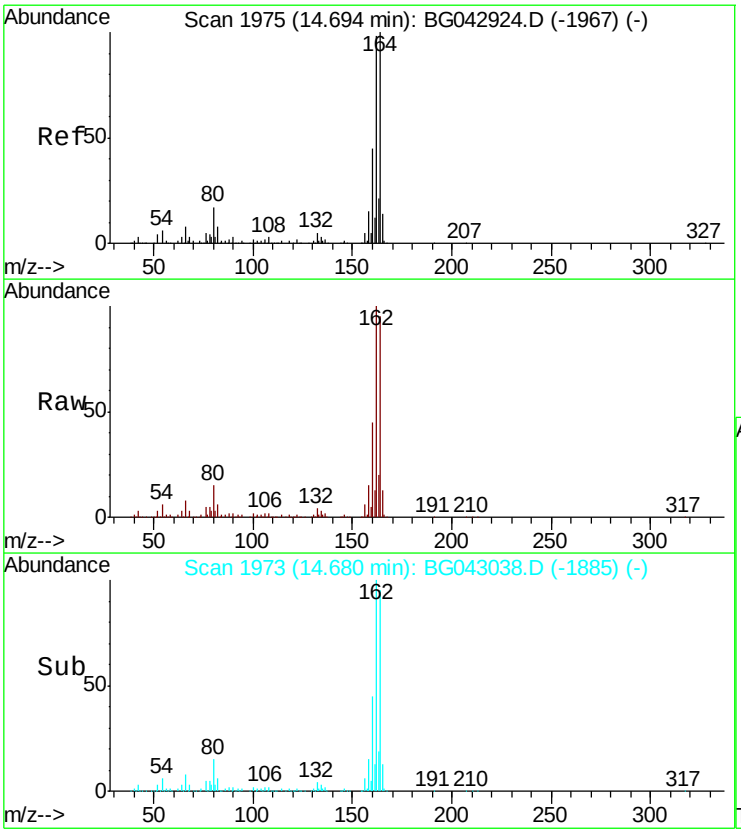
#23
Nitrobenzene-d5
Concen: 72.248 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Instrument :
BNA_G
ClientSampleId :
MW-103I

Tgt Ion: 82 Resp: 425047

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.5	44.3
54	51.2	44.6	67.0

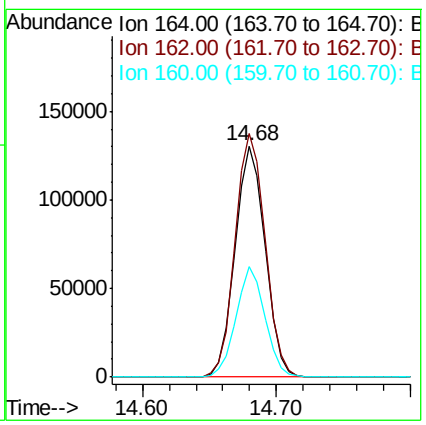


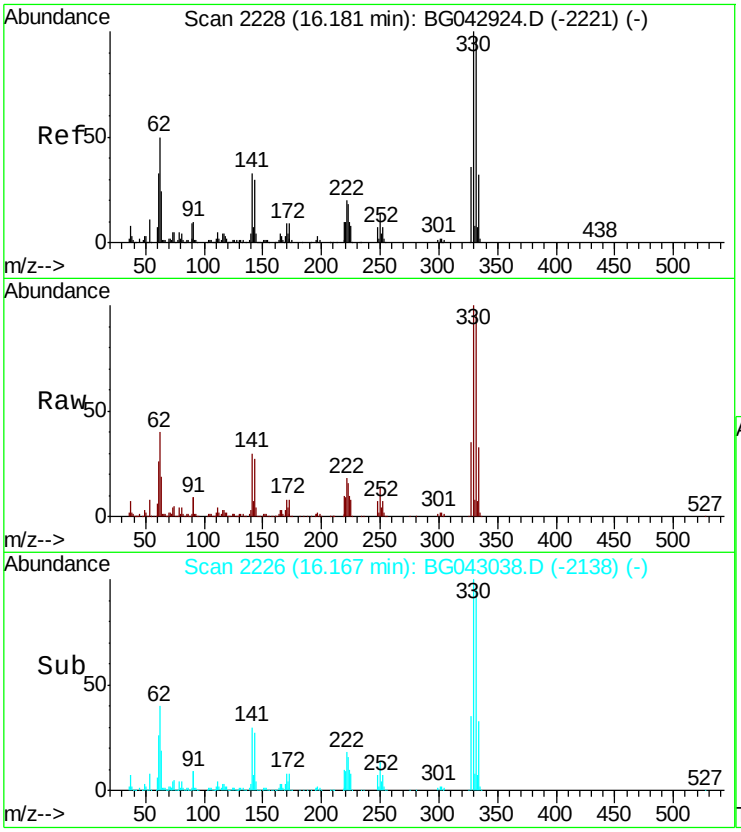


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Tgt Ion:164 Resp: 203015

Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.5	117.7
160	47.5	35.9	53.9



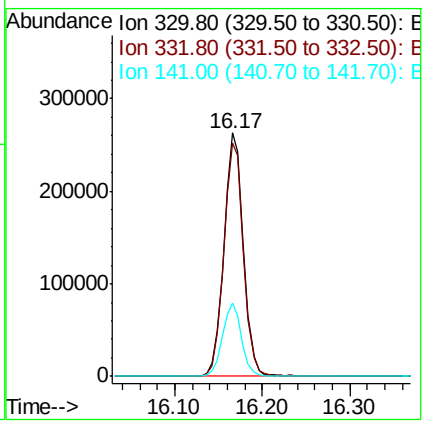


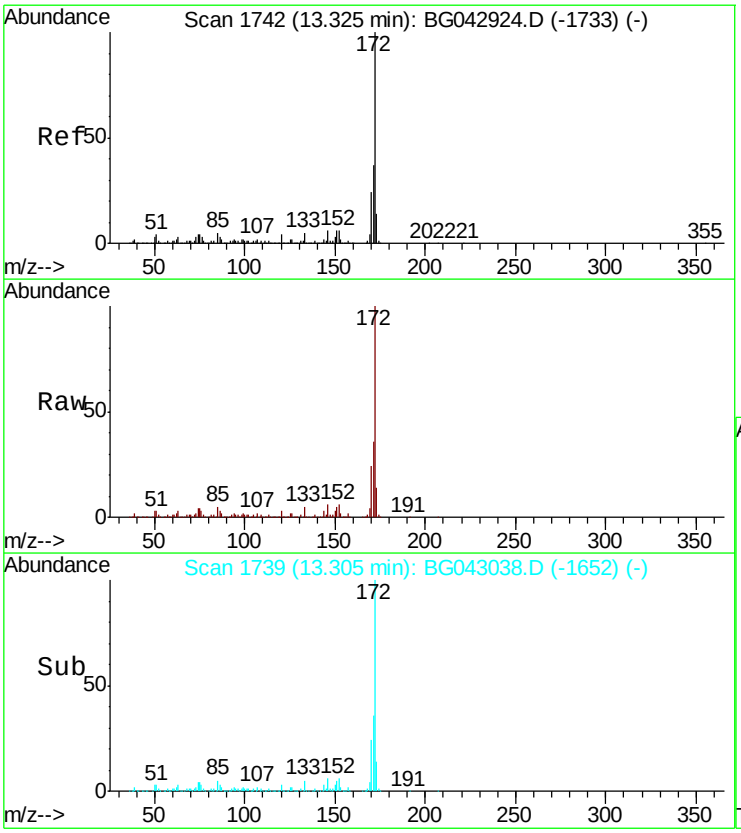
#42
2,4,6-Tribromophenol
Concen: 115.205 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Instrument :
BNA_G
ClientSampleId :
MW-103I

Tgt Ion:330 Resp: 402179

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.2	117.2
141	29.2	26.0	39.0

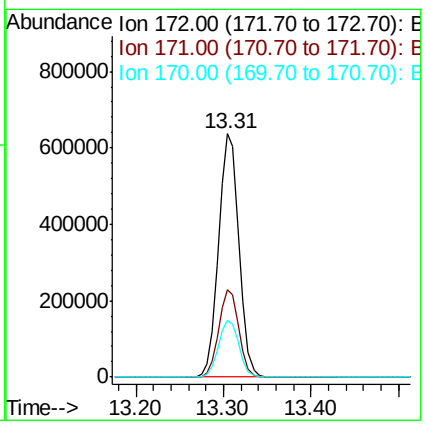


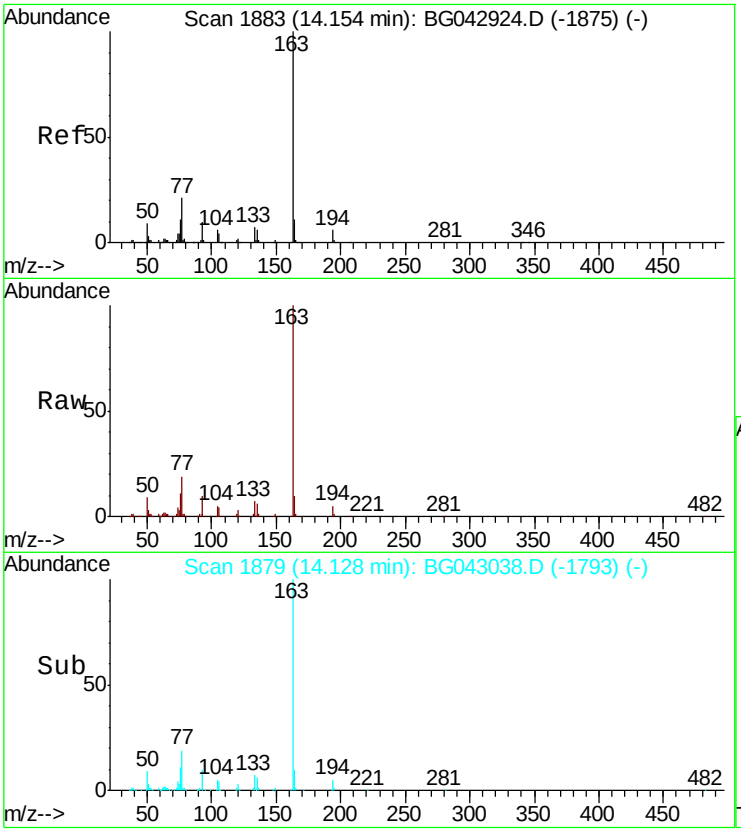


#45
2-Fluorobiphenyl
Concen: 73.244 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Tgt Ion:172 Resp: 1025703

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	19.6	29.4



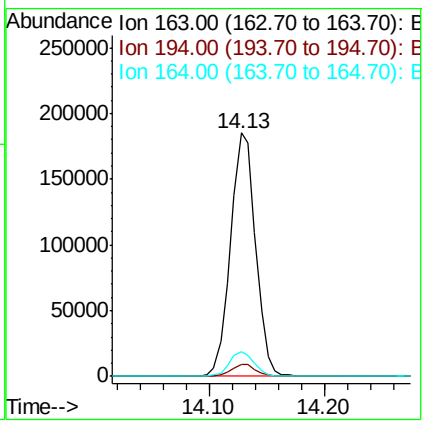


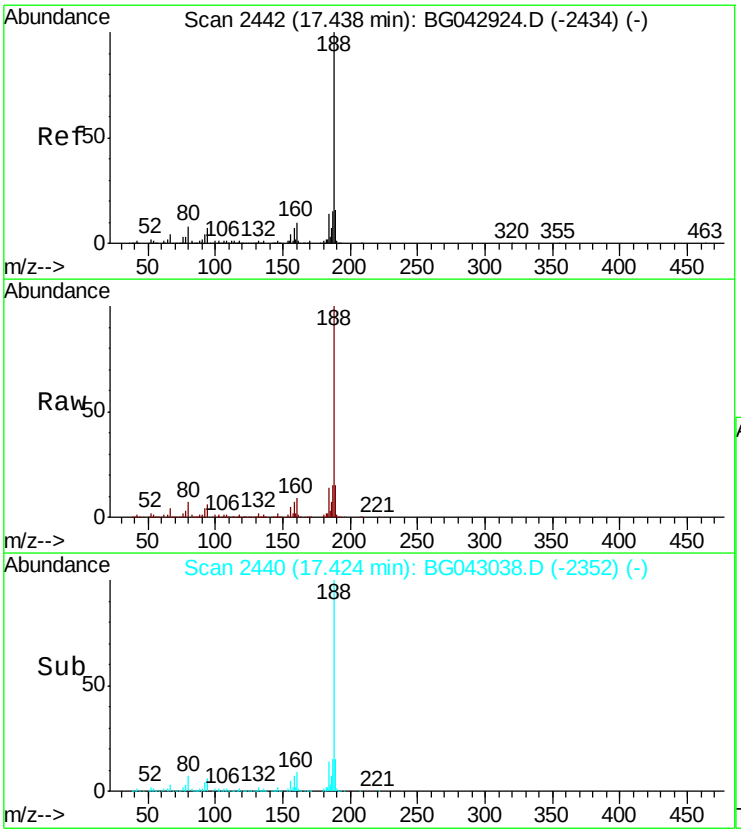
#50
Dimethylphthalate
Concen: 18.262 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Instrument :
BNA_G
ClientSampleId :
MW-103I

Tgt Ion:163 Resp: 277788

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.4	6.6
164	10.0	8.6	12.8

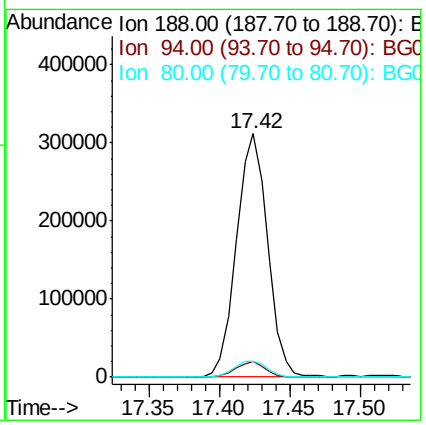


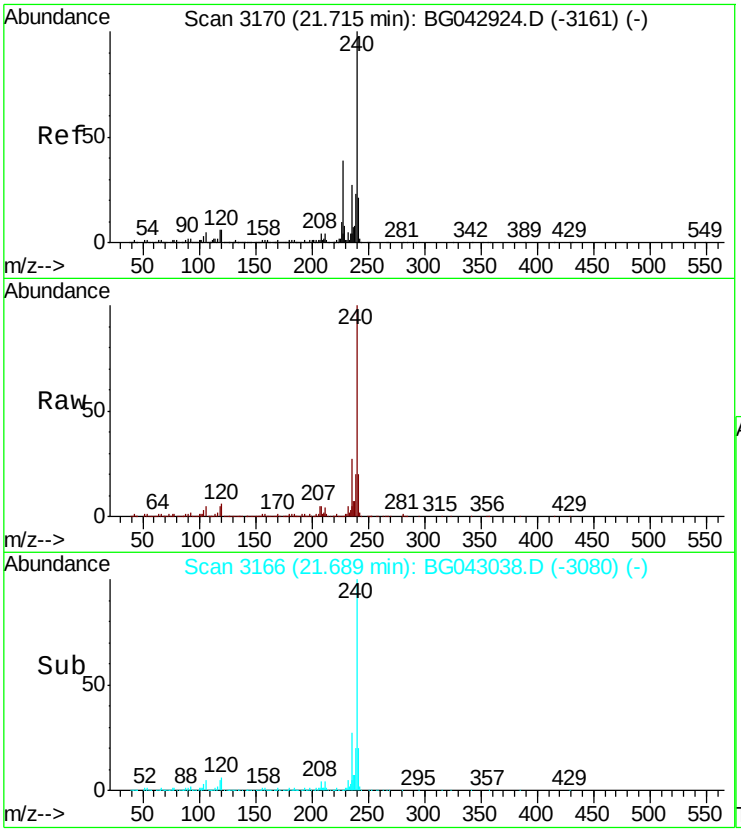


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Tgt Ion:188 Resp: 480380

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	6.7	6.5	9.7



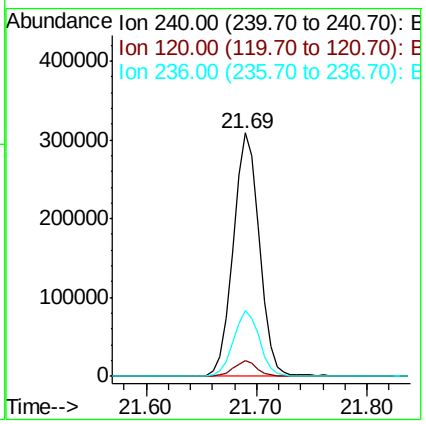


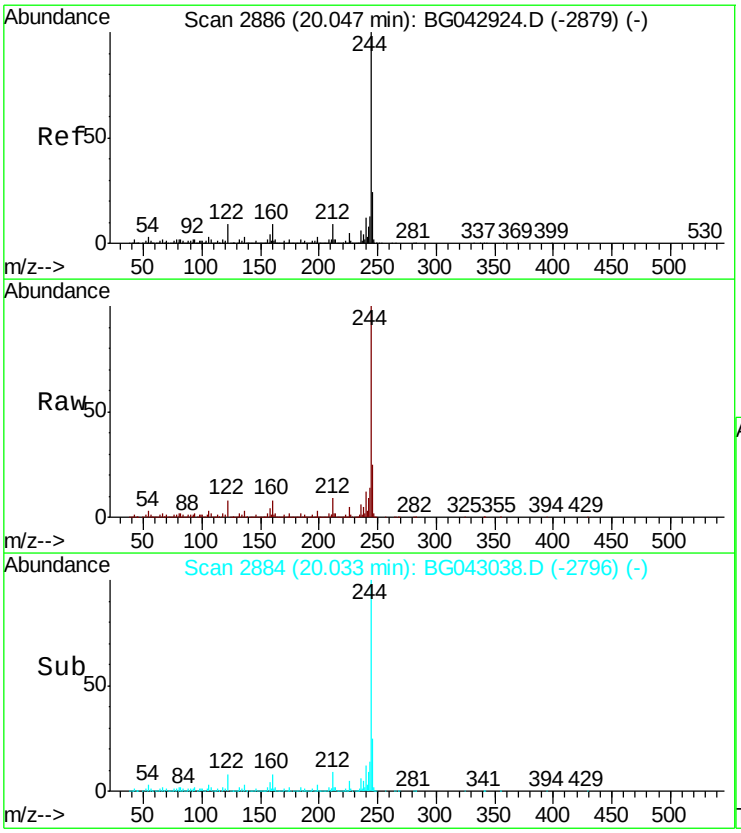
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Instrument :
BNA_G
ClientSampleId :
MW-103I

Tgt Ion:240 Resp: 513886

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.8	7.2
236	26.8	21.4	32.0

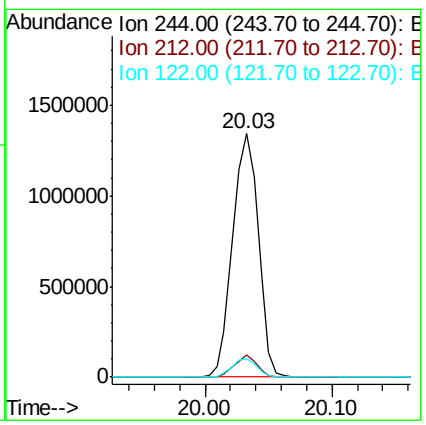


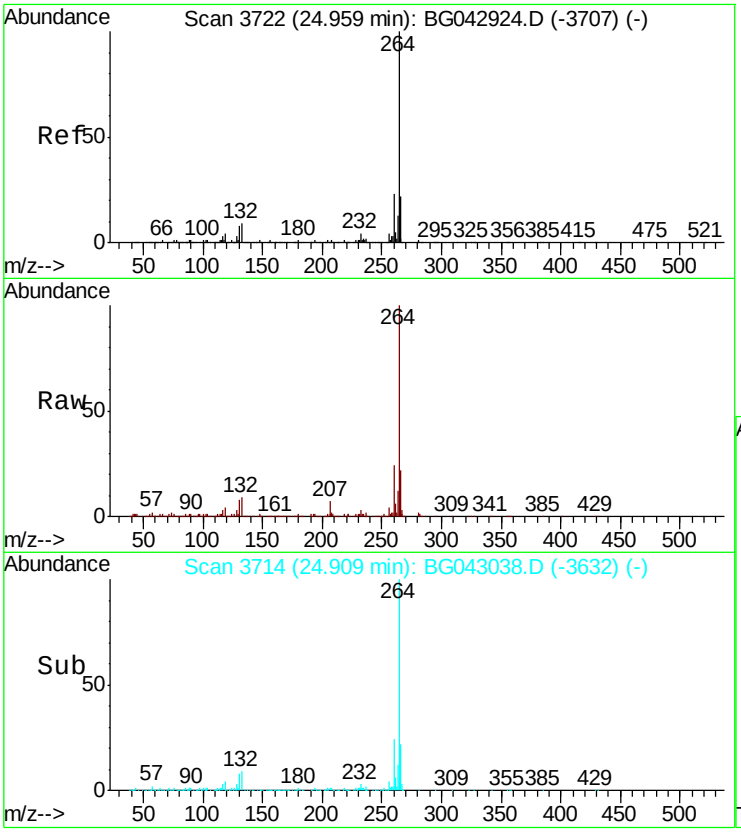


#79
Terphenyl-d14
Concen: 78.207 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Tgt Ion:244 Resp: 1886053

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	7.6	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043038.D
Acq: 4 Oct 2019 21:28

Instrument :
BNA_G
ClientSampleId :
MW-103I

Tgt Ion:264 Resp: 601085

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.7	26.5