Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043077.D
Acq On : 7 Oct 2019 21:05
Operator : JU
Sample : K5154-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101D

Quant Time: Oct 08 03:00:50 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	8.05	152	52854	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	205101	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	163275	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	404193	20.00	ng		-0.02
76) Chrysene-d12	21.68	240	422823	20.00	ng		-0.03
87) Perylene-d12	24.90	264	485278	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	255264	86.19	ng		-0.02
7) Phenol-d6	7.22	99	243941	57.20	ng		-0.02
23) Nitrobenzene-d5	9.22	82	349509	82.83	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	384952	137.11	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	915492	81.29	ng		-0.02
79) Terphenyl-d14	20.03	244	1965393	99.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	16606	13.448	ng		89
10) Phenol	7.25	94	24240	6.195	ng		97
50) Dimethylphthalate	14.13	163	107729	8.806	ng	#	98

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

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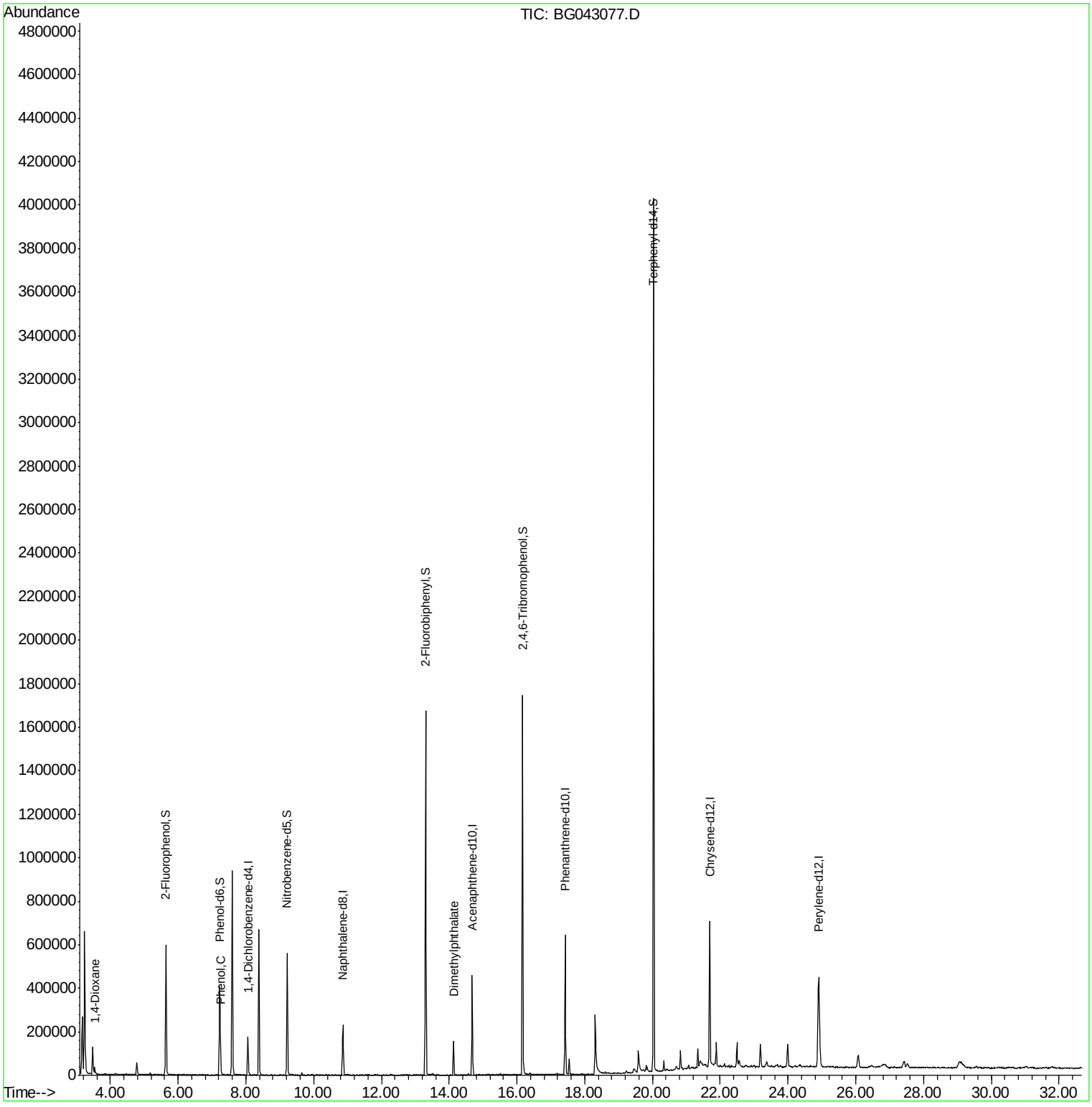
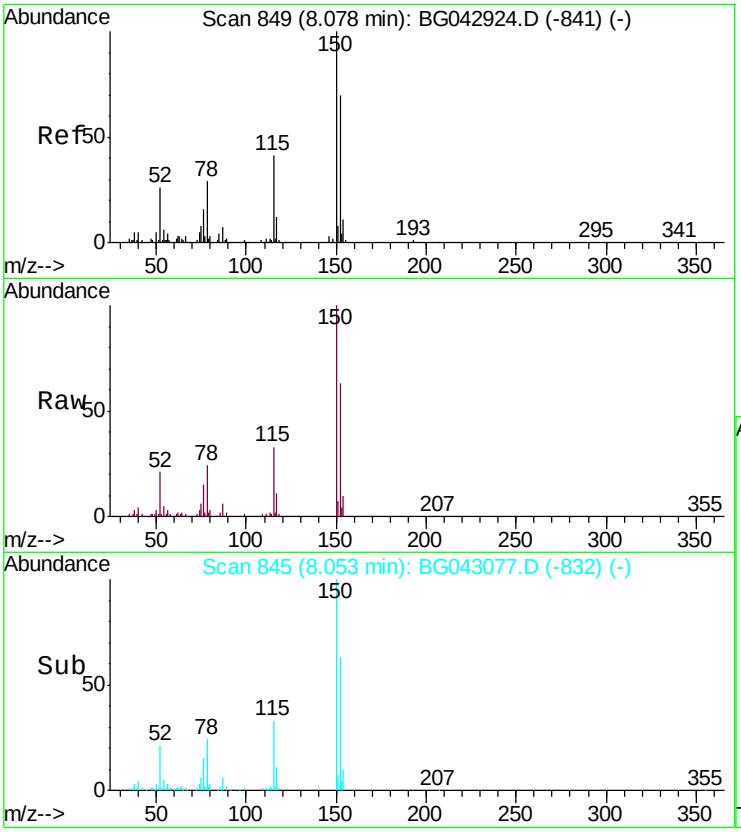


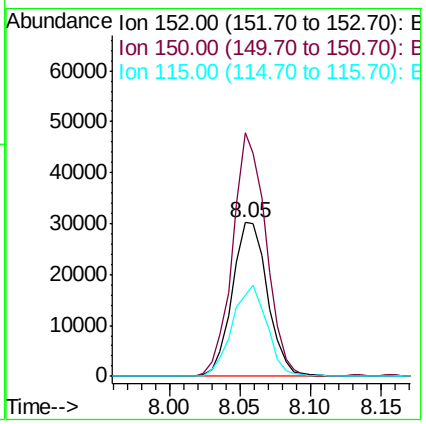


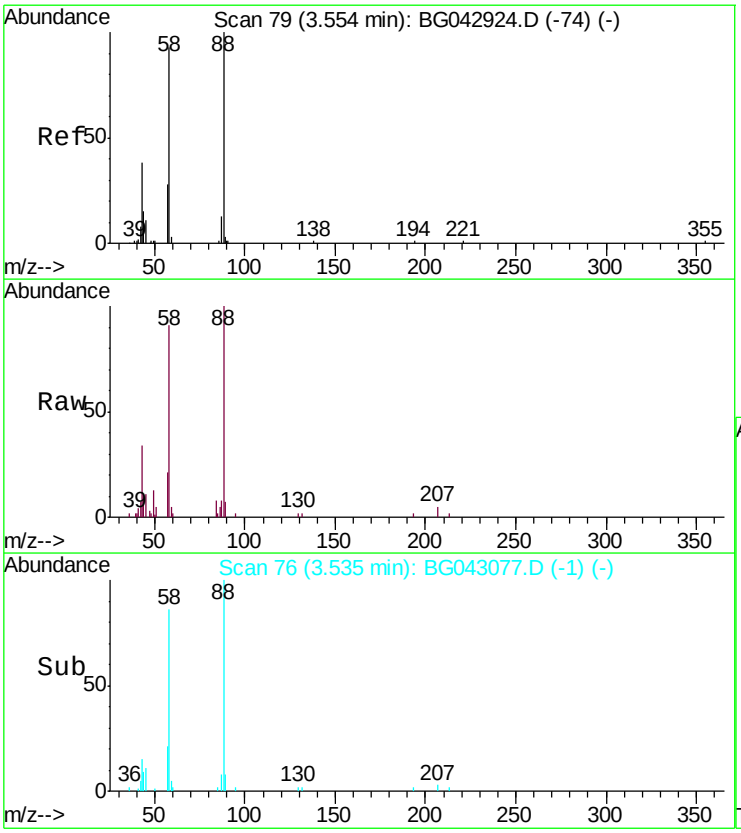
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:152 Resp: 52854

Ion	Ratio	Lower	Upper
152	100		
150	158.1	115.0	172.4
115	52.9	47.0	70.6

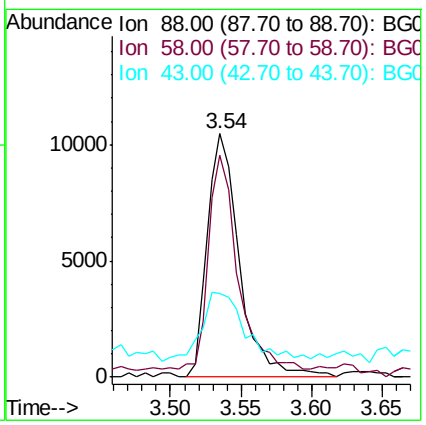


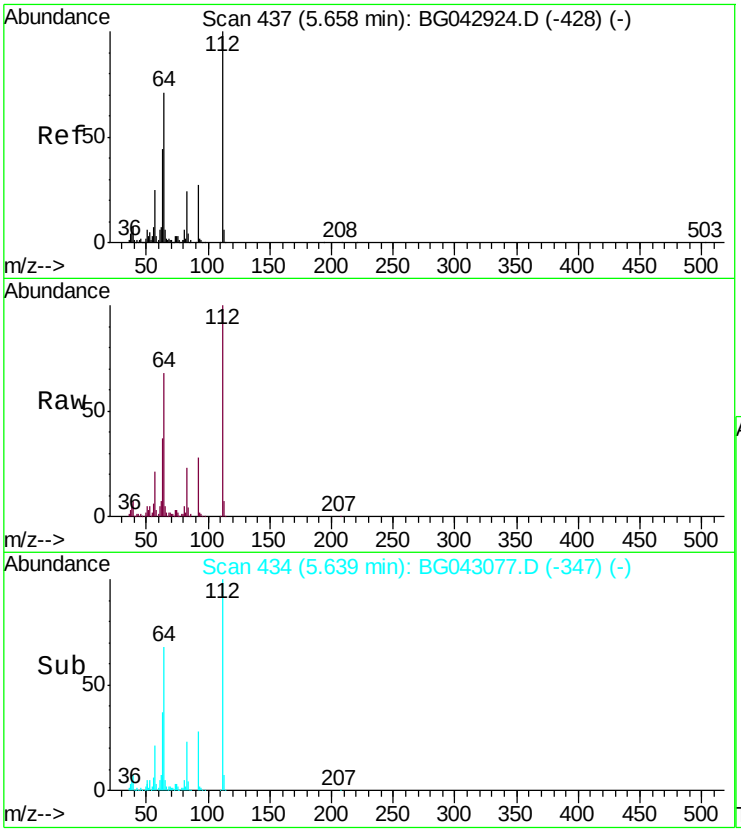


#2
1,4-Dioxane
Concen: 13.448 ng
RT: 3.54 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Tgt Ion: 88 Resp: 16606

Ion	Ratio	Lower	Upper
88	100		
58	79.3	74.3	111.5
43	35.1	29.8	44.8



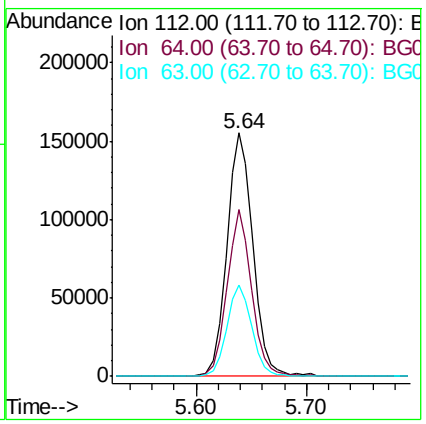


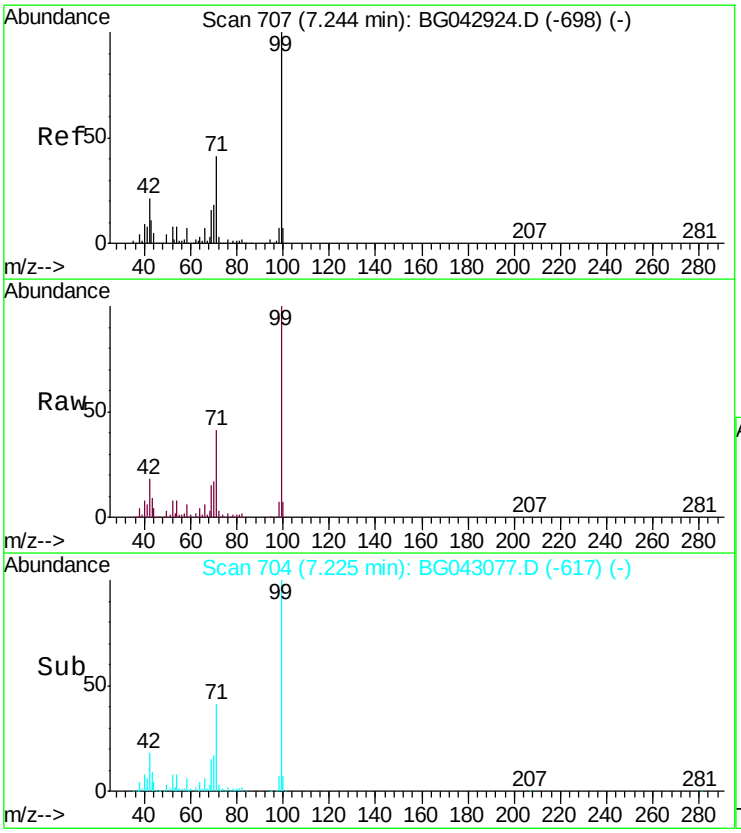
#5
2-Fluorophenol
Concen: 86.190 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:112 Resp: 255264

Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.6	84.8
63	37.3	35.1	52.7

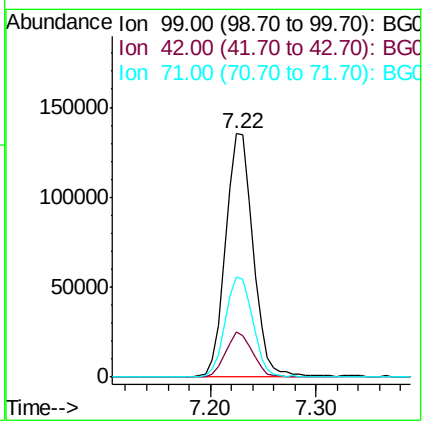


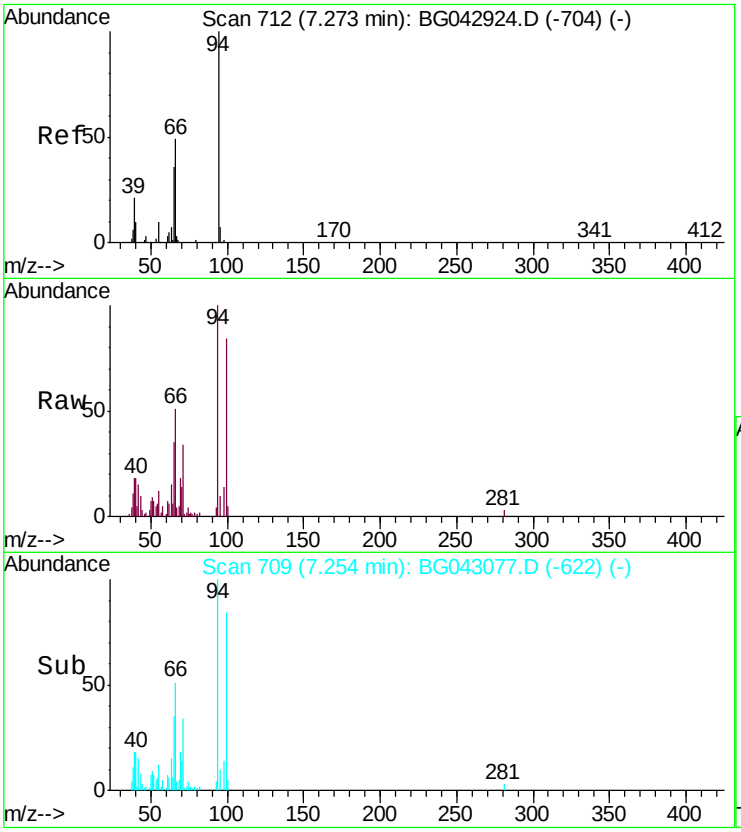


#7
Phenol-d6
Concen: 57.197 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.02 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Tgt Ion: 99 Resp: 243941

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.2	25.8
71	41.1	33.1	49.7



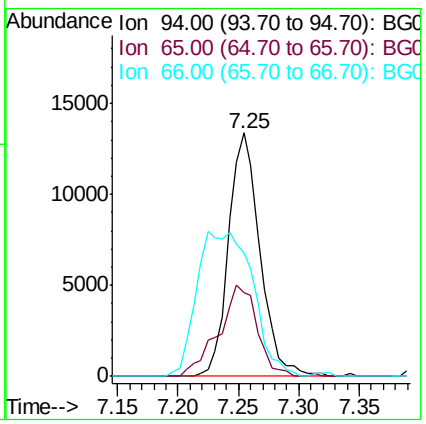


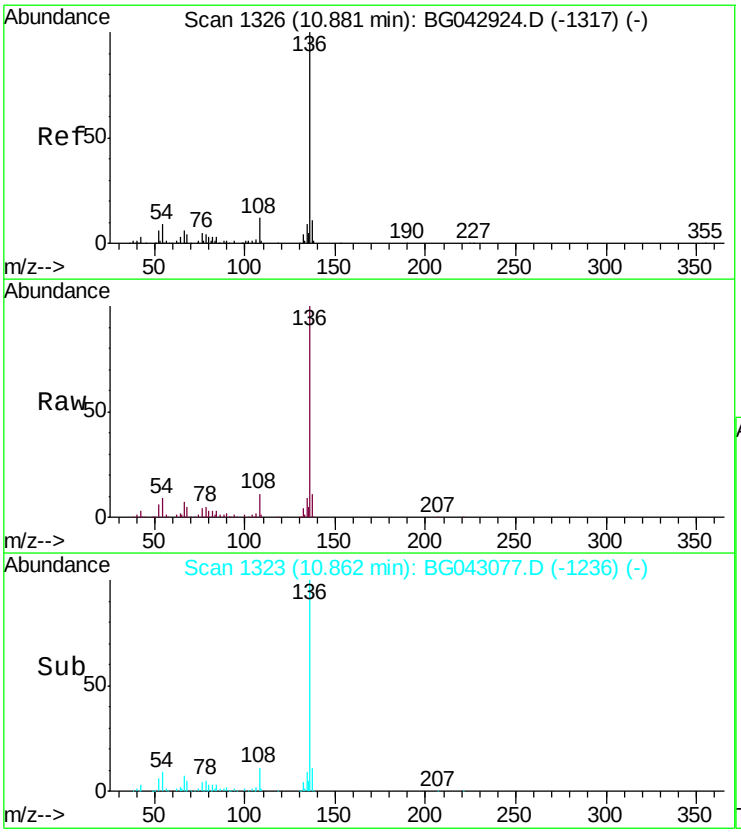
#10
Phenol
Concen: 6.195 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.02 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion: 94 Resp: 24240

Ion	Ratio	Lower	Upper
94	100		
65	34.5	16.6	56.6
66	50.7	32.4	72.4

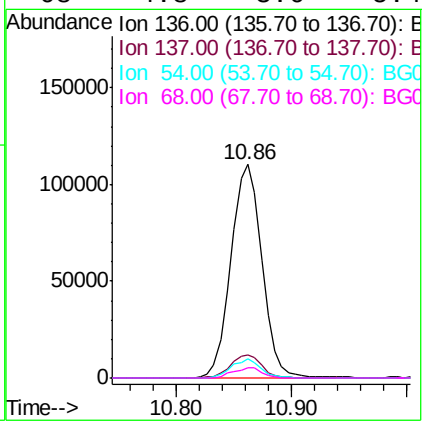


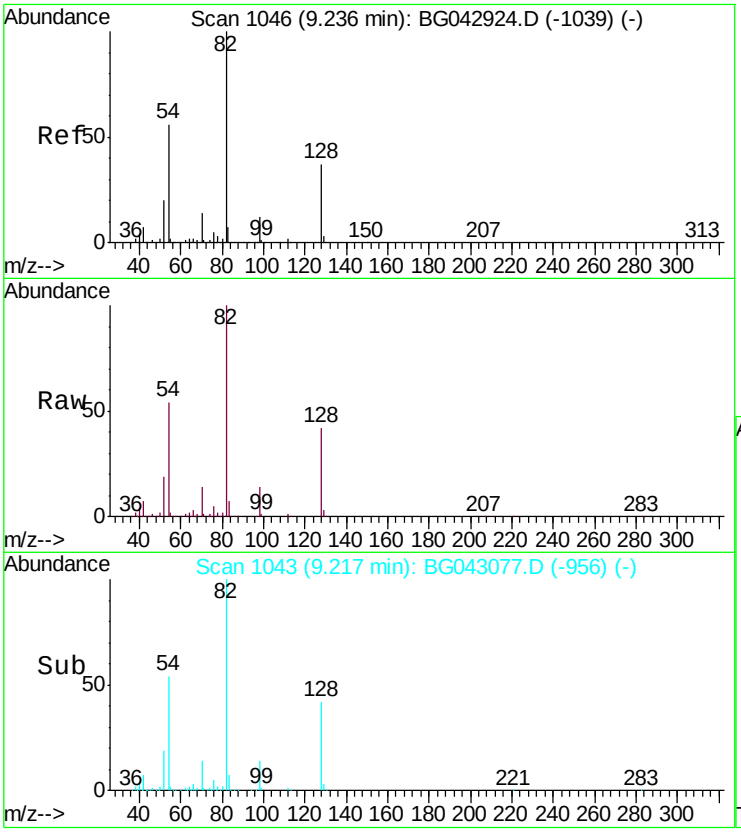


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Tgt Ion:136 Resp: 205101

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.8	7.4	11.2
68	4.8	3.6	5.4



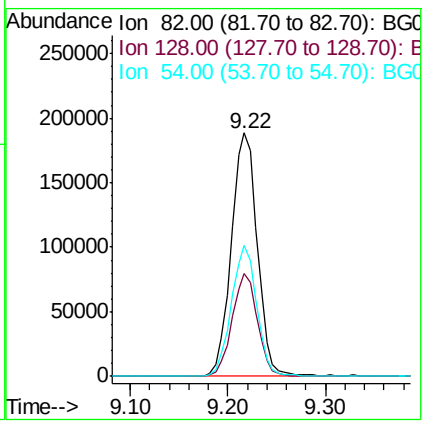


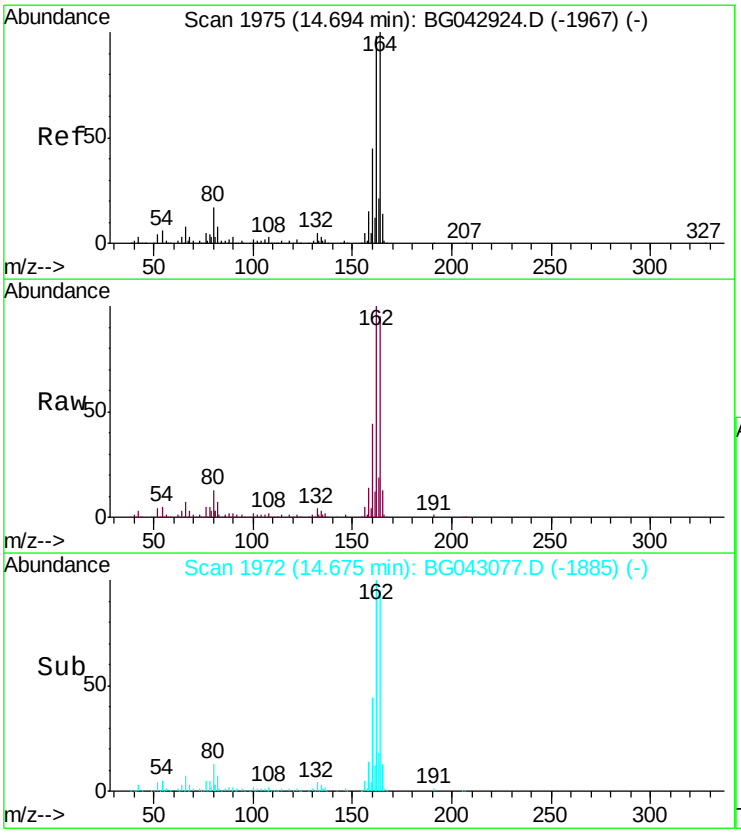
#23
Nitrobenzene-d5
Concen: 82.827 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion: 82 Resp: 349509

Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.5	44.3
54	53.8	44.6	67.0

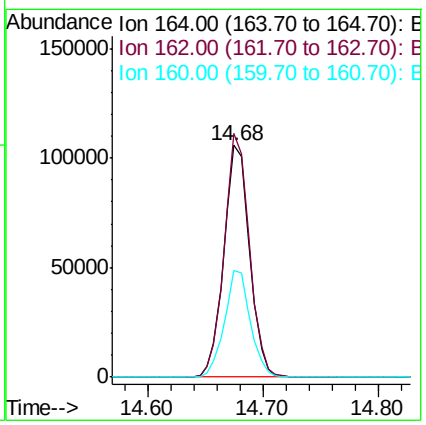


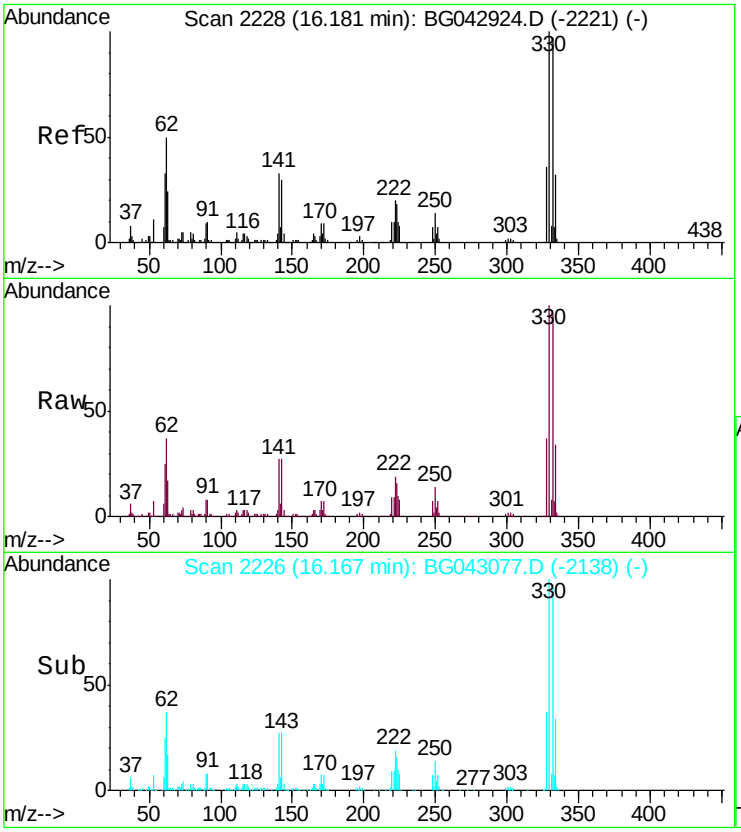


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Tgt Ion:164 Resp: 163275

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.5	117.7
160	45.9	35.9	53.9



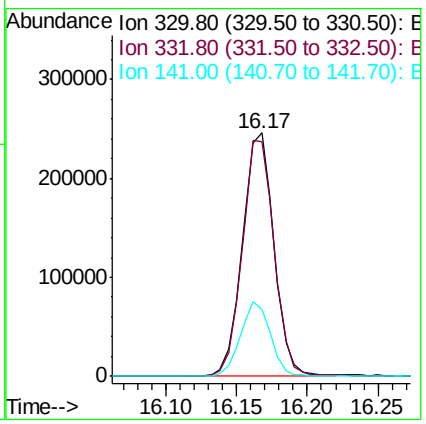


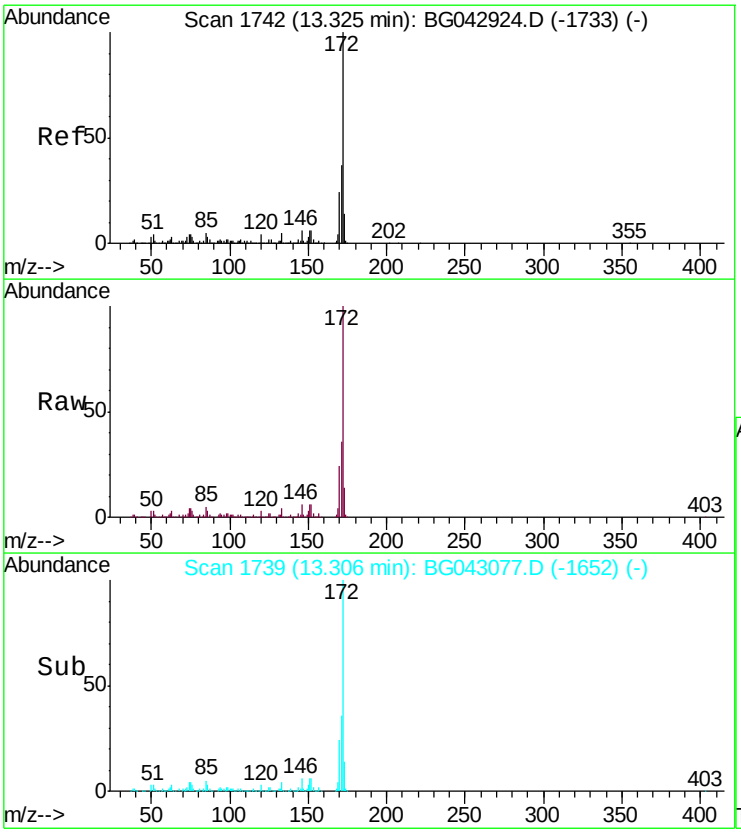
#42
2,4,6-Tribromophenol
Concen: 137.110 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:330 Resp: 384952

Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.2	117.2
141	29.2	26.0	39.0

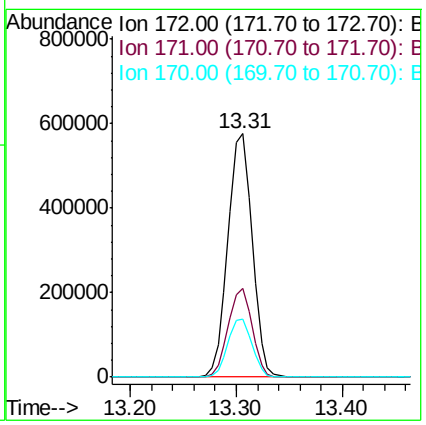


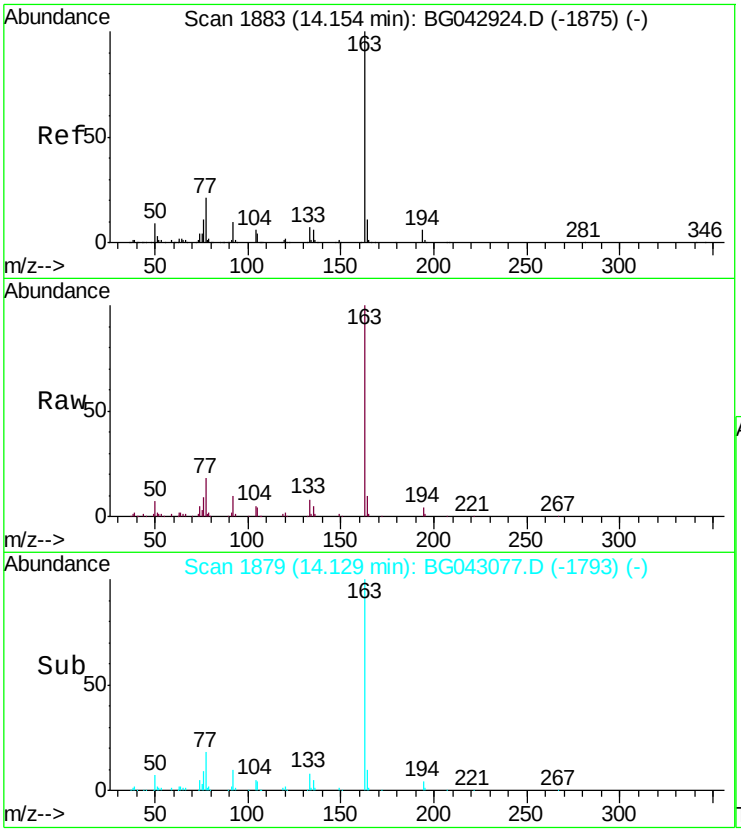


#45
2-Fluorobiphenyl
Concen: 81.285 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Tgt Ion:172 Resp: 915492

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.8	19.6	29.4



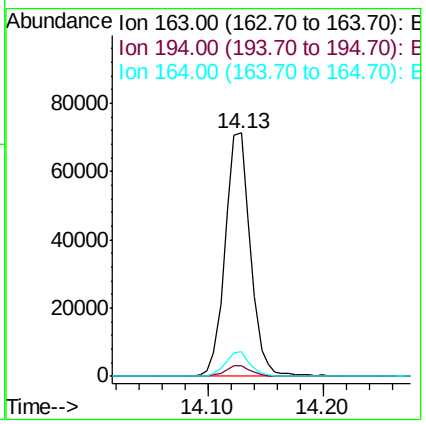


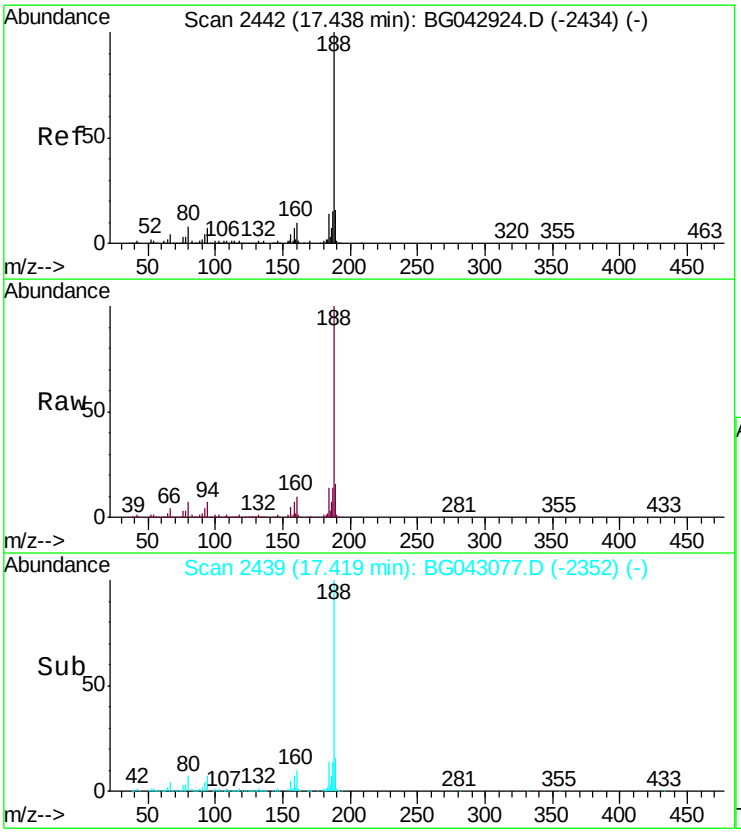
#50
Dimethylphthalate
Concen: 8.806 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:163 Resp: 107729

Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.4	6.6#
164	10.2	8.6	12.8

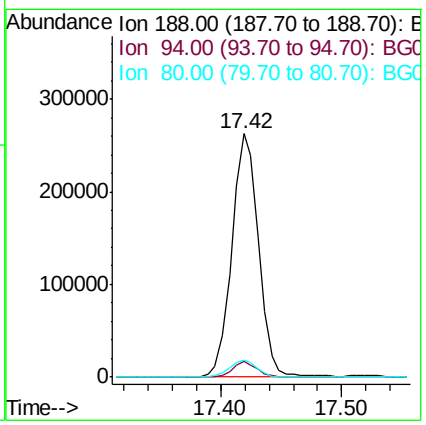


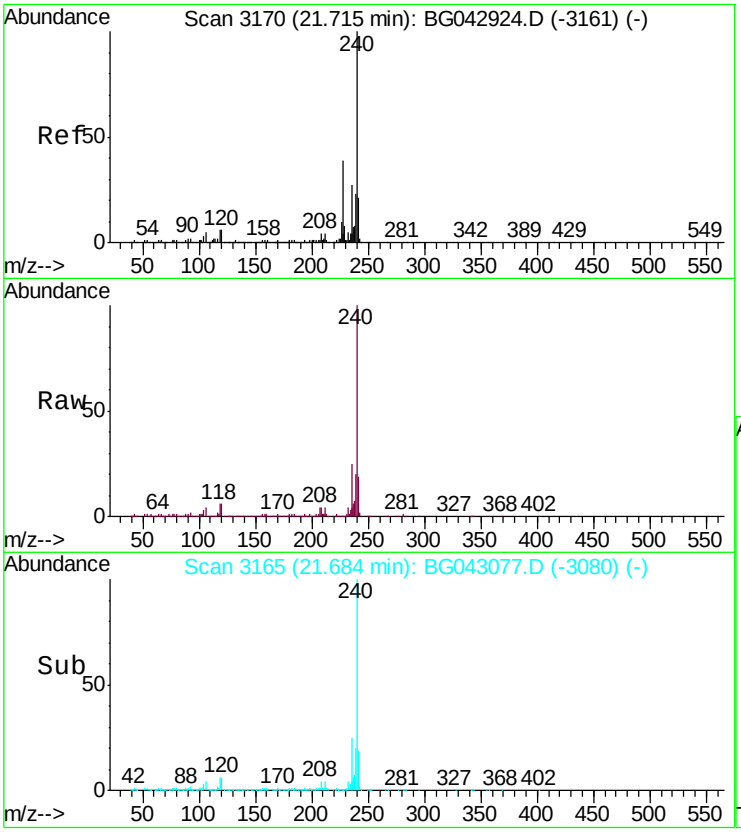


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Tgt Ion:188 Resp: 404193

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	7.0	6.5	9.7



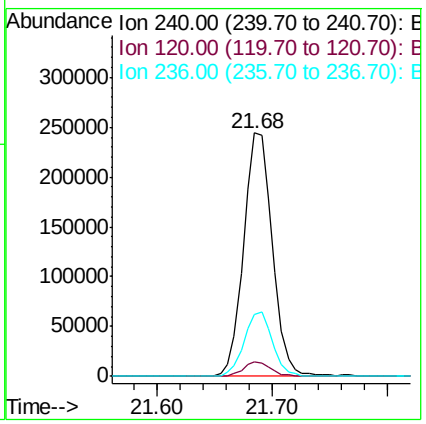


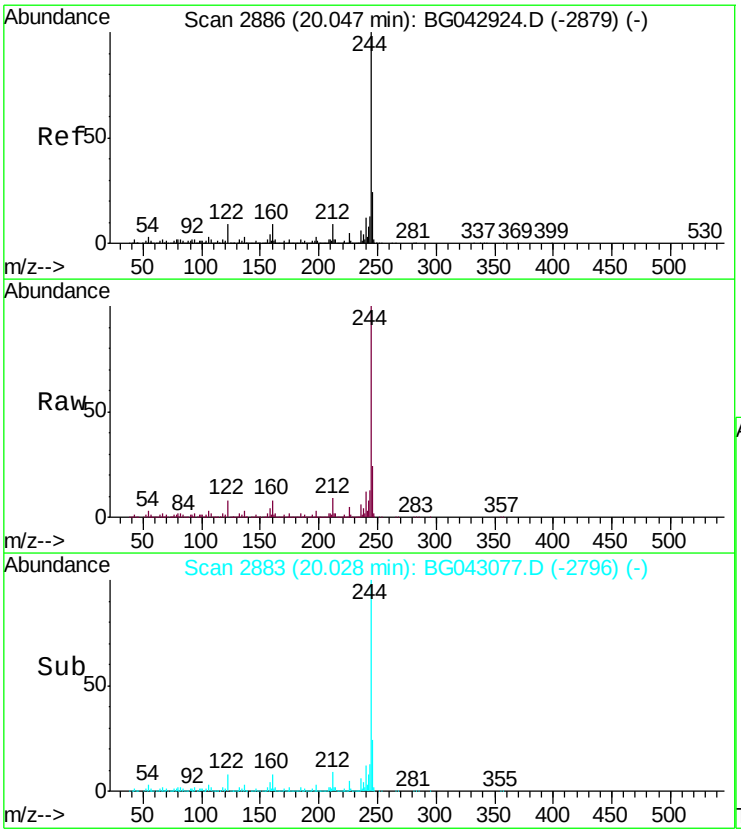
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:240 Resp: 422823

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.8	7.2
236	25.3	21.4	32.0

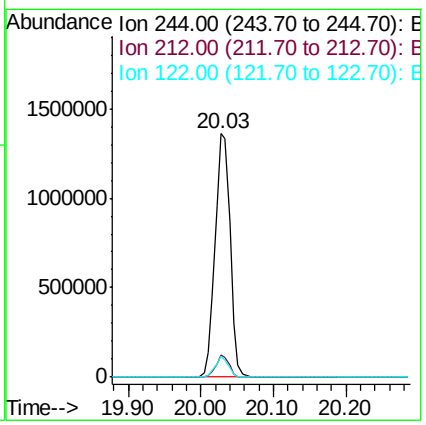


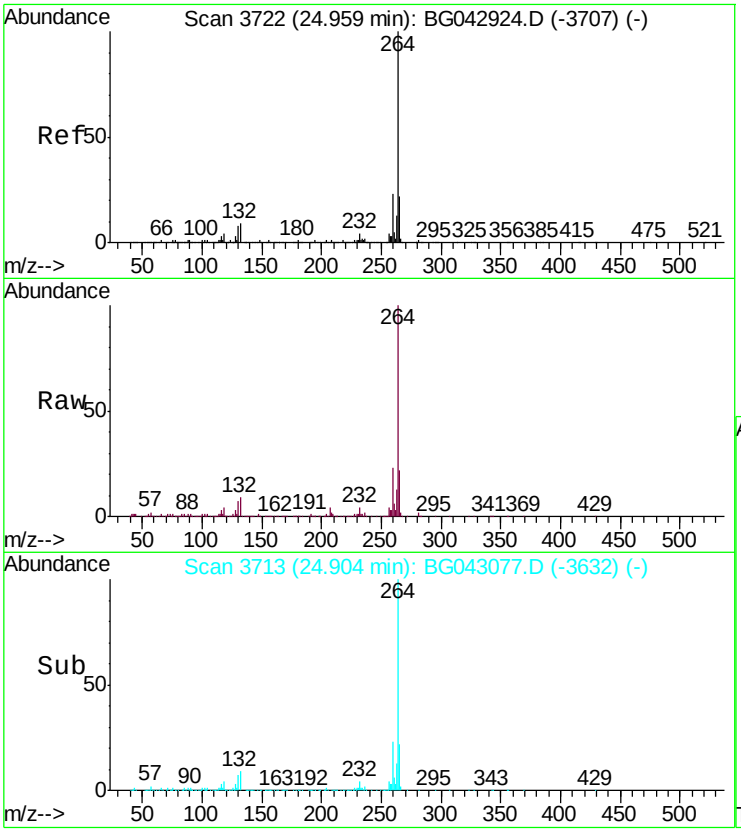


#79
Terphenyl-d14
Concen: 99.049 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Tgt Ion:244 Resp: 1965393

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	8.4	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3713
Delta R.T. -0.05 min
Lab File: BG043077.D
Acq: 7 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :
MW-101D

Tgt Ion:264 Resp: 485278

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	22.5	17.7	26.5