Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038943.D
Acq On : 4 Jan 2019 23:44
Operator : JU/SJ
Sample : K1029-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW12_123118

Quant Time: Jan 05 01:03:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23752	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	94417	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	68729	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	168618	20.00	ng	0.00
76) Chrysene-d12	21.71	240	160449	20.00	ng	-0.01
87) Perylene-d12	25.00	264	172118	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	74113	55.34	ng	0.00
7) Phenol-d6	7.21	99	61600	33.51	ng	0.00
23) Nitrobenzene-d5	9.23	82	171824	92.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	155914	164.60	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	477744	95.36	ng	-0.01
79) Terphenyl-d14	20.04	244	862200	116.95	ng	0.00
Target Compounds						Qvalue

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

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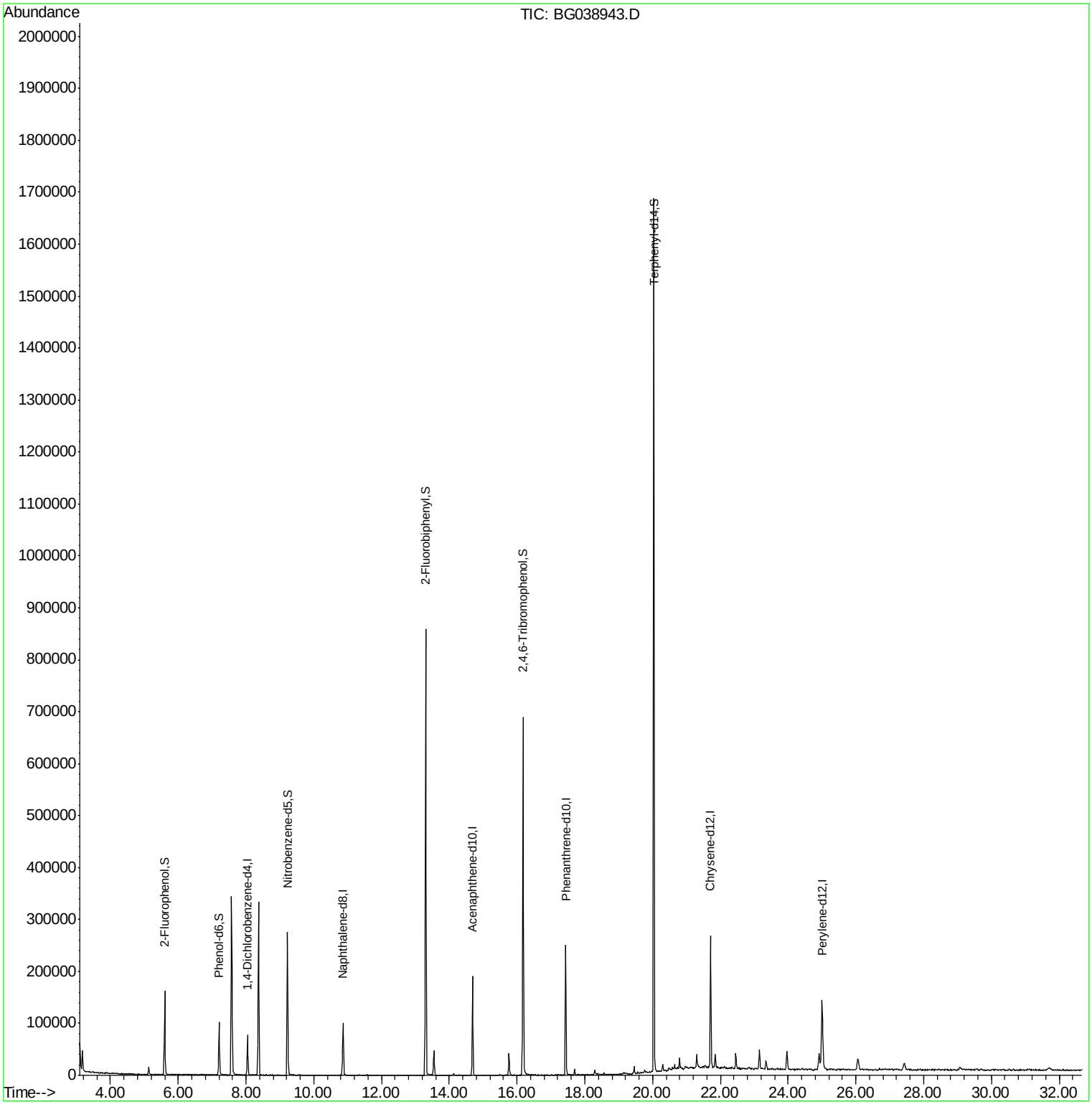
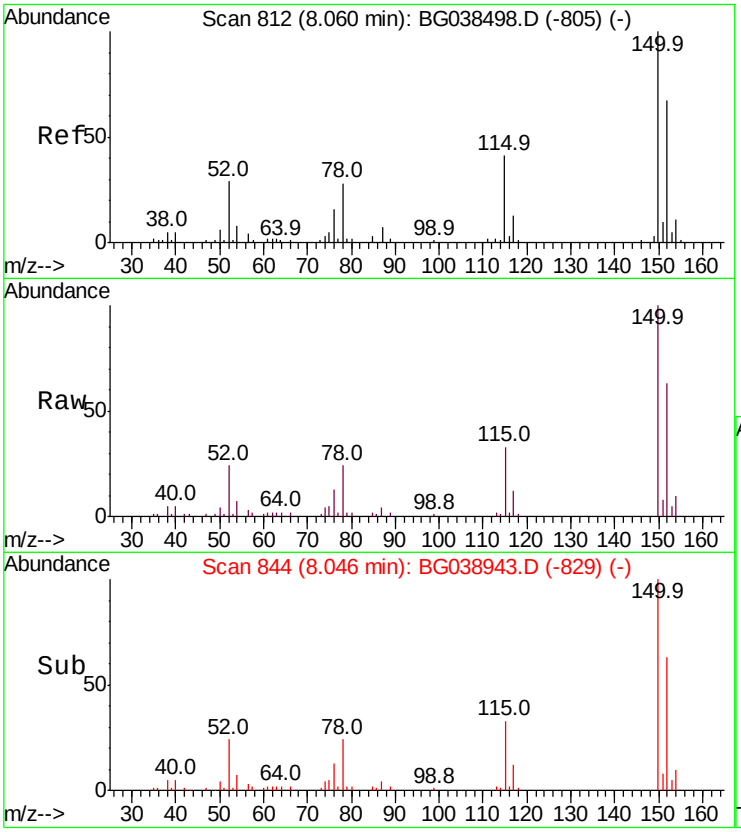


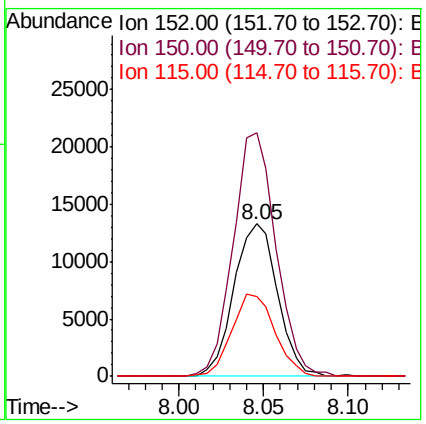


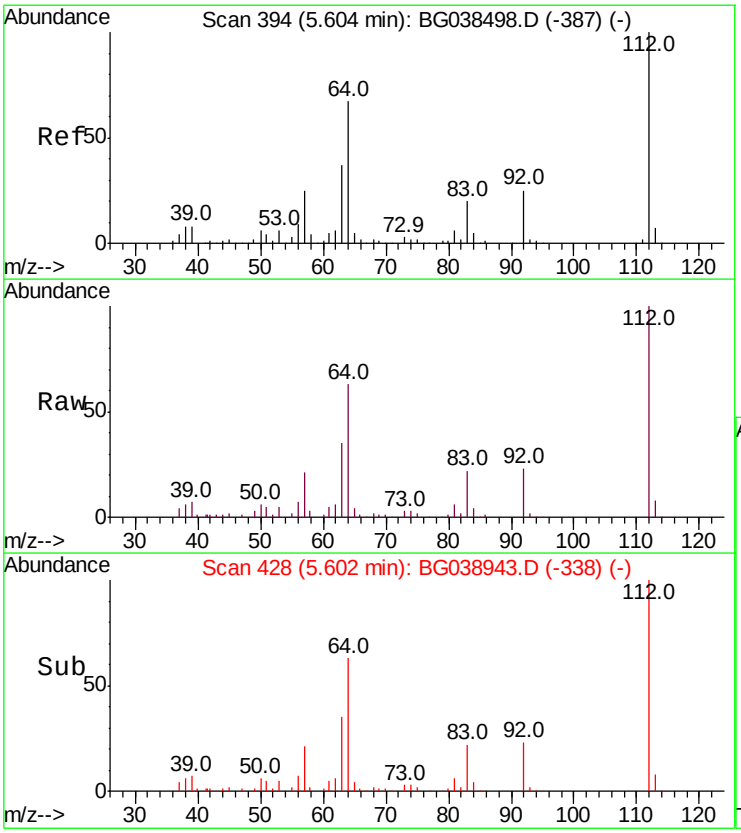
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Instrument :
BNA_G
ClientSampleId :
MW12_123118

Tgt Ion:152 Resp: 23752

Ion	Ratio	Lower	Upper
152	100		
150	159.7	119.5	179.3
115	52.3	49.6	74.4

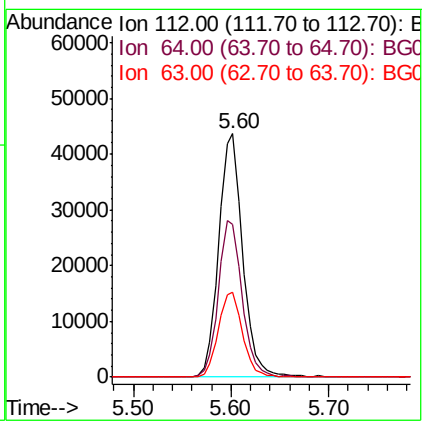


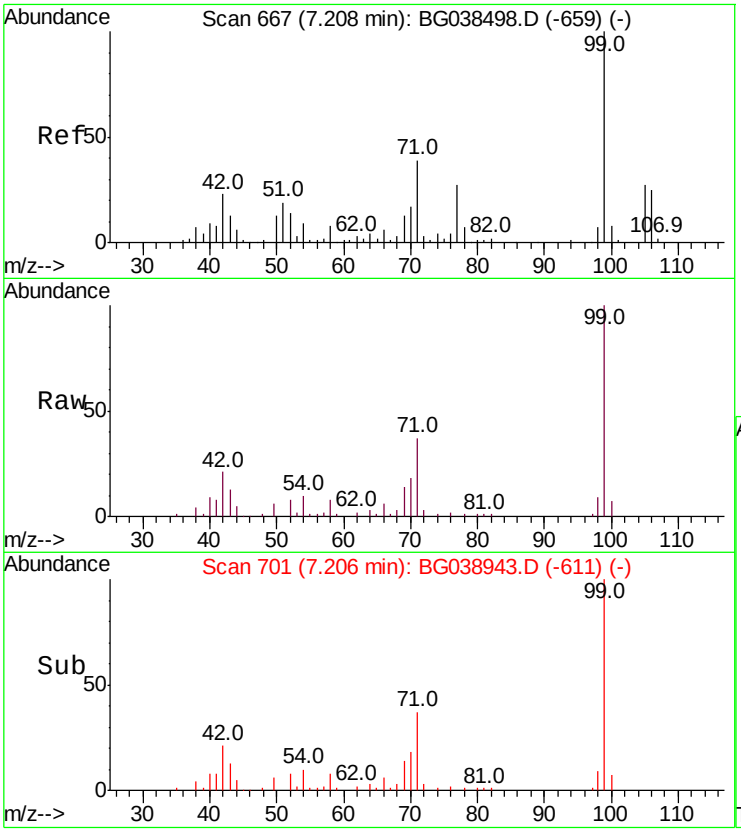


#5
2-Fluorophenol
Concen: 55.343 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Tgt Ion:112 Resp: 74113

Ion	Ratio	Lower	Upper
112	100		
64	62.7	53.4	80.2
63	34.8	29.3	43.9



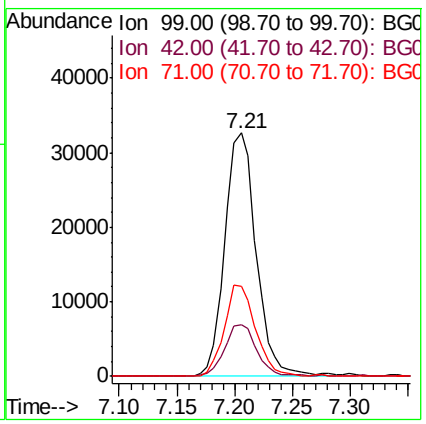


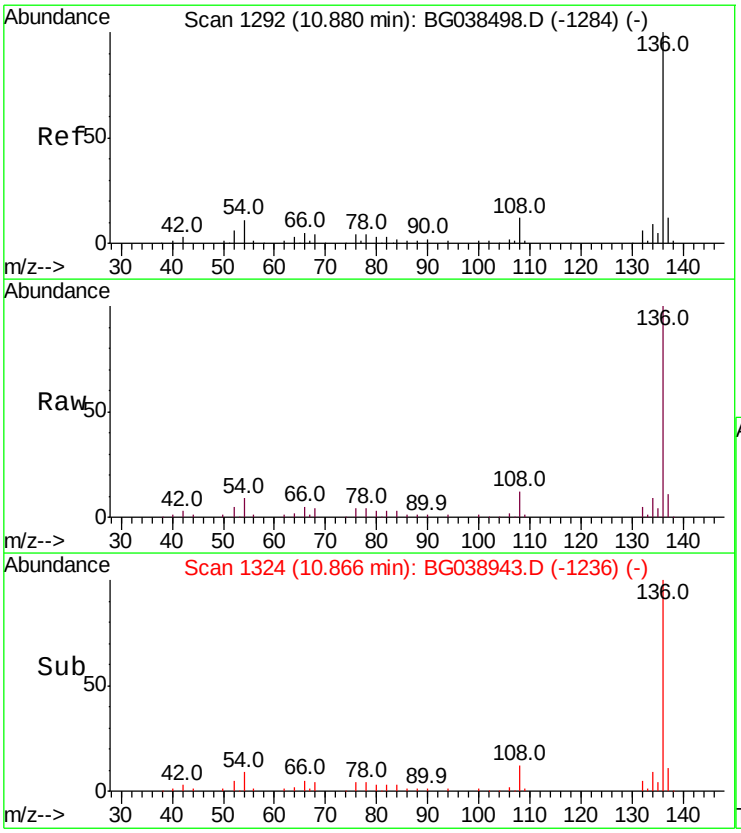
#7
Phenol-d6
Concen: 33.507 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Instrument :
BNA_G
ClientSampleId :
MW12_123118

Tgt Ion: 99 Resp: 61600

Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.5	27.7
71	37.0	31.1	46.7

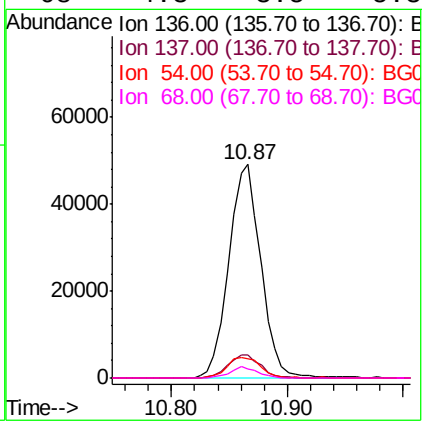


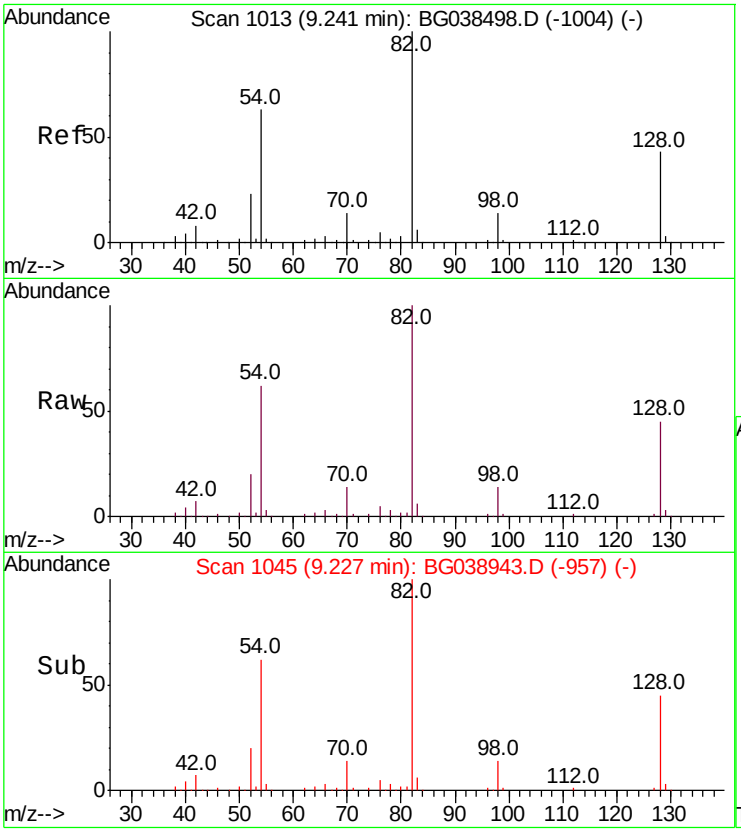


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Tgt Ion:136 Resp: 94417

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	9.2	8.5	12.7
68	4.3	3.5	5.3

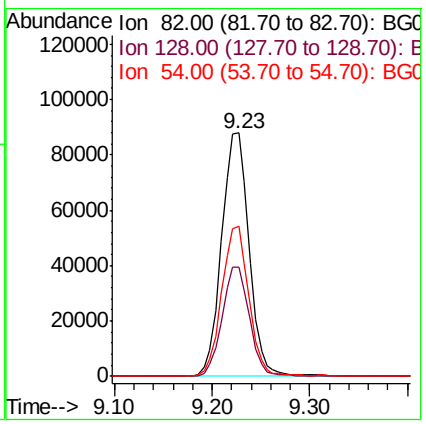




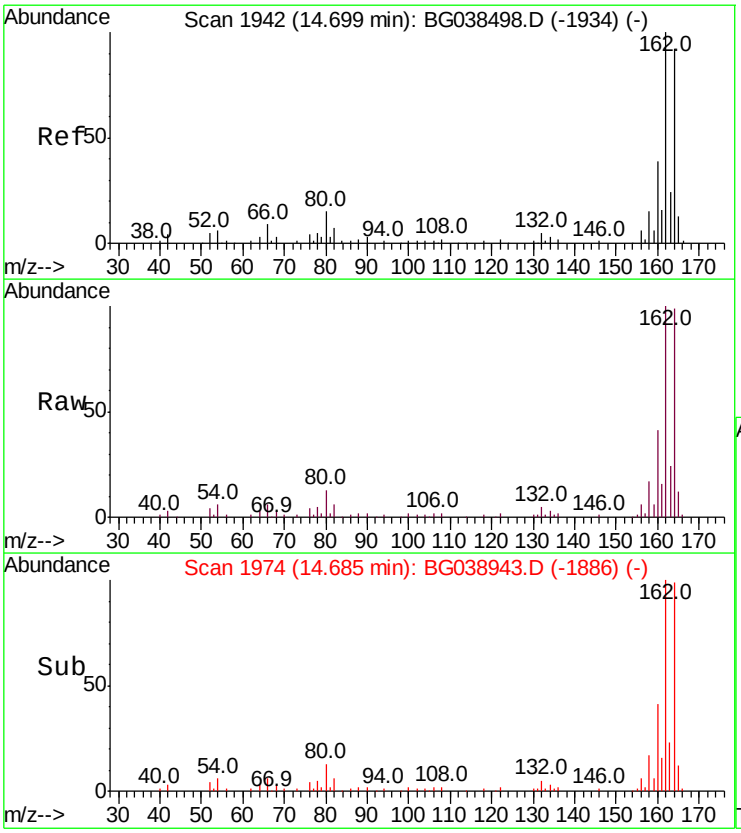
#23
Nitrobenzene-d5
Concen: 92.970 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Tgt Ion: 82 Resp: 171824

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	52.0
54	61.8	50.6	76.0



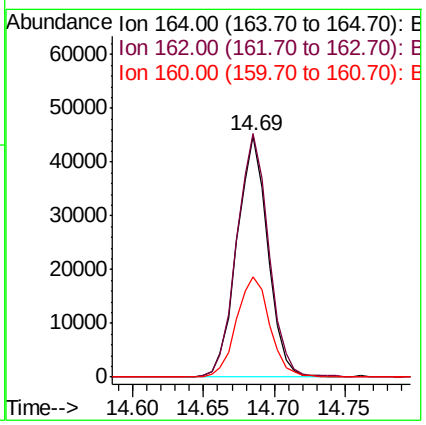
Instrument :
BNA_G
ClientSampleId :
MW12_123118

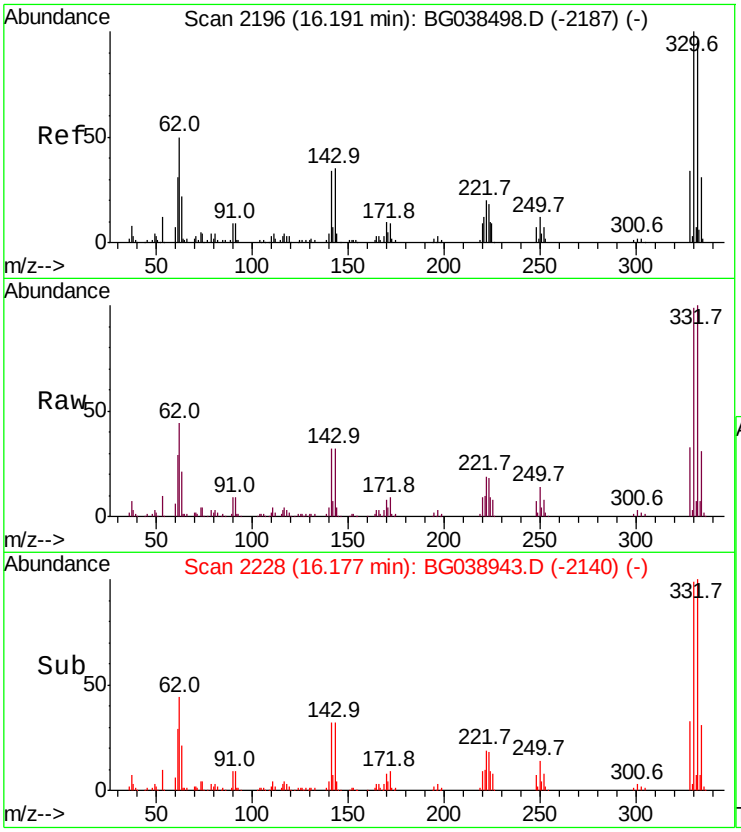


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Tgt Ion:164 Resp: 68729

Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.6	130.0
160	41.3	34.2	51.2



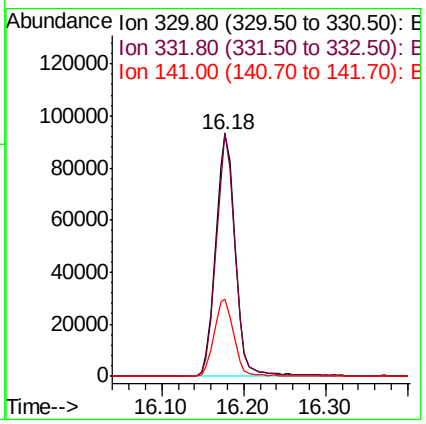


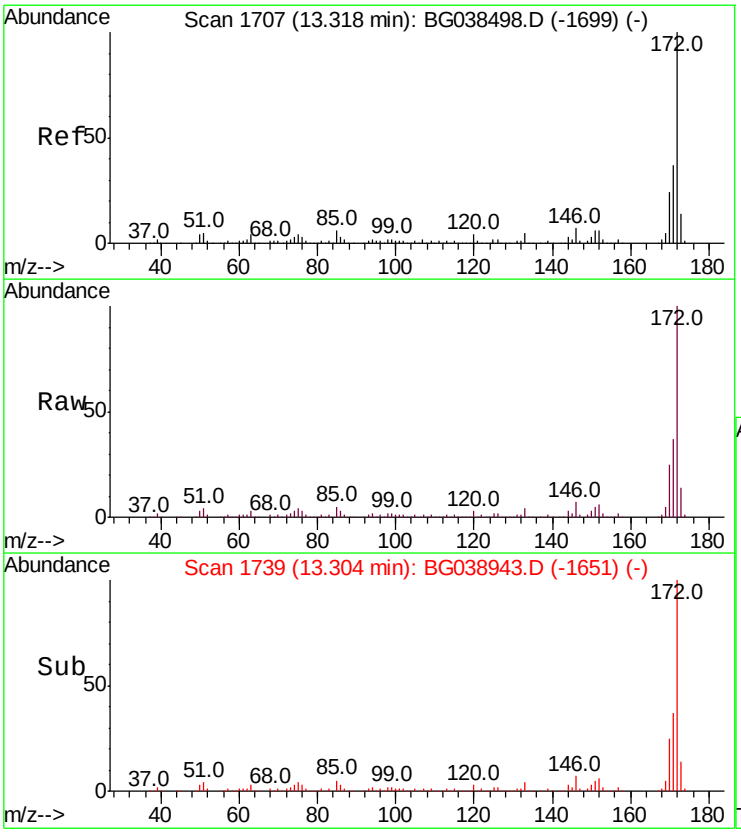
#42
2,4,6-Tribromophenol
Concen: 164.604 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Instrument :
BNA_G
ClientSampleId :
MW12_123118

Tgt Ion:330 Resp: 155914

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	32.3	28.8	43.2

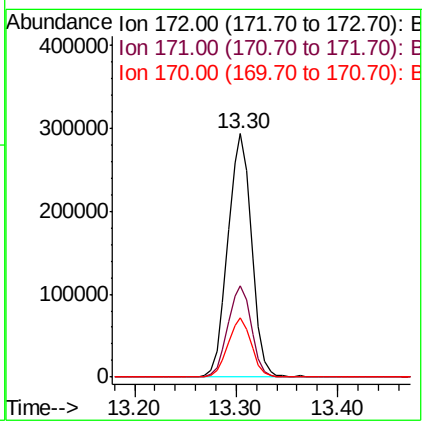


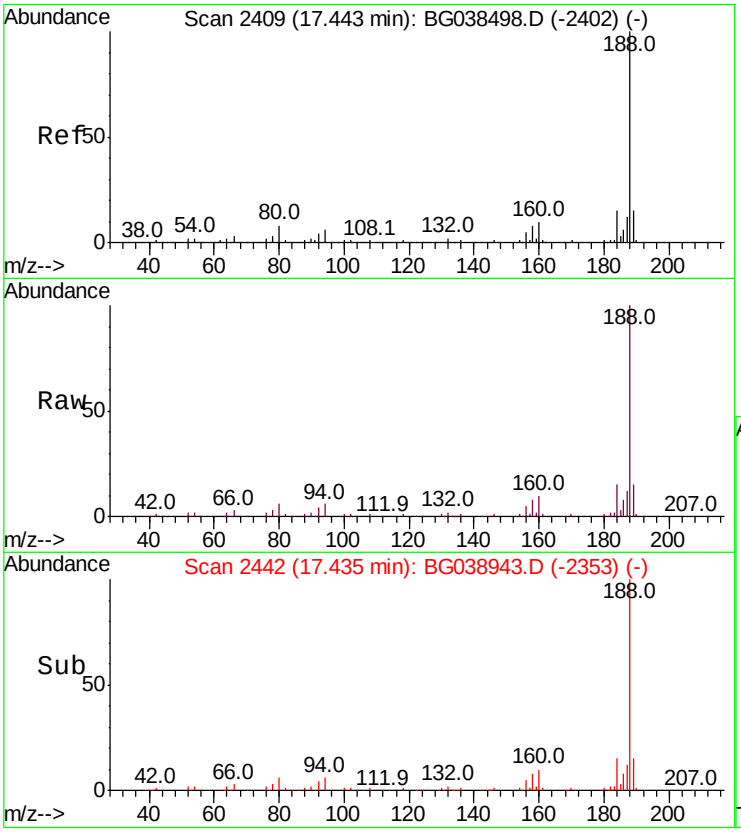


#45
2-Fluorobiphenyl
Concen: 95.359 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Tgt Ion:172 Resp: 477744

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.5	19.5	29.3



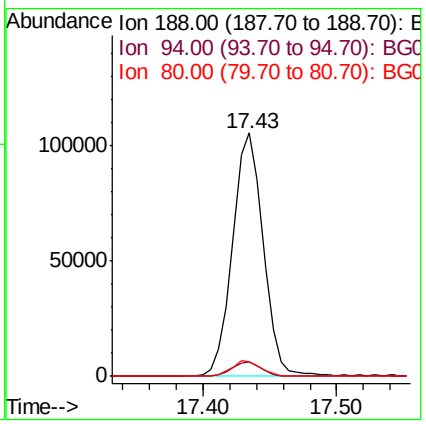


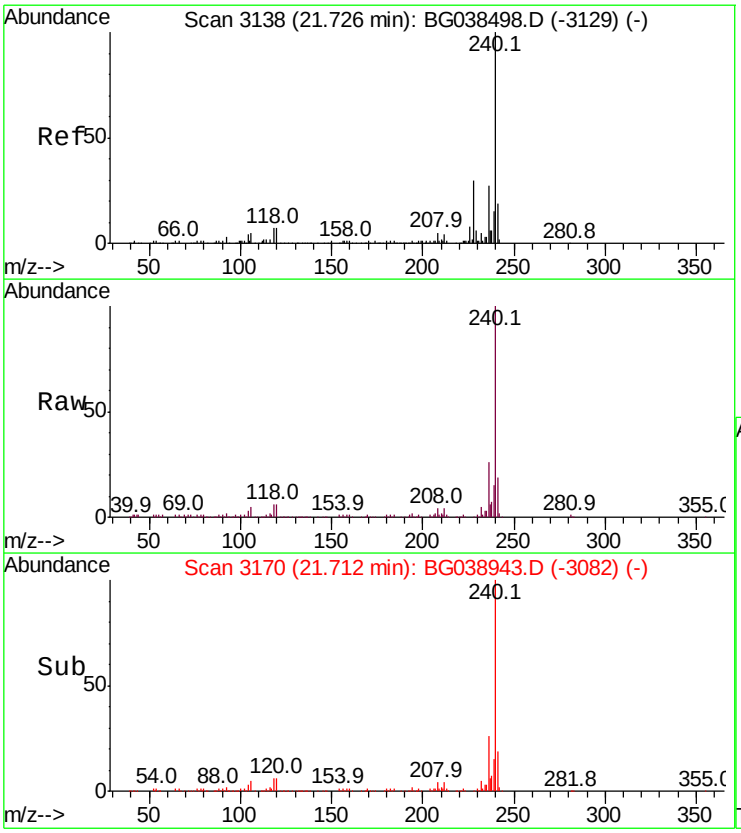
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Instrument :
BNA_G
ClientSampleId :
MW12_123118

Tgt Ion:188 Resp: 168618

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	5.8	6.1	9.1#

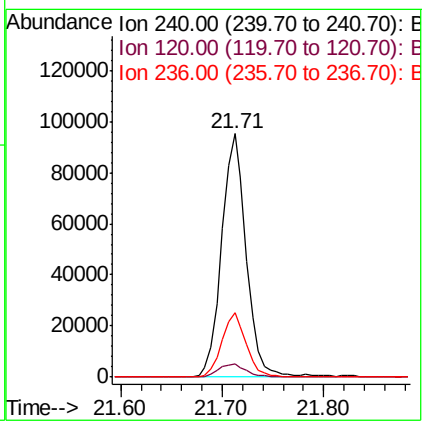


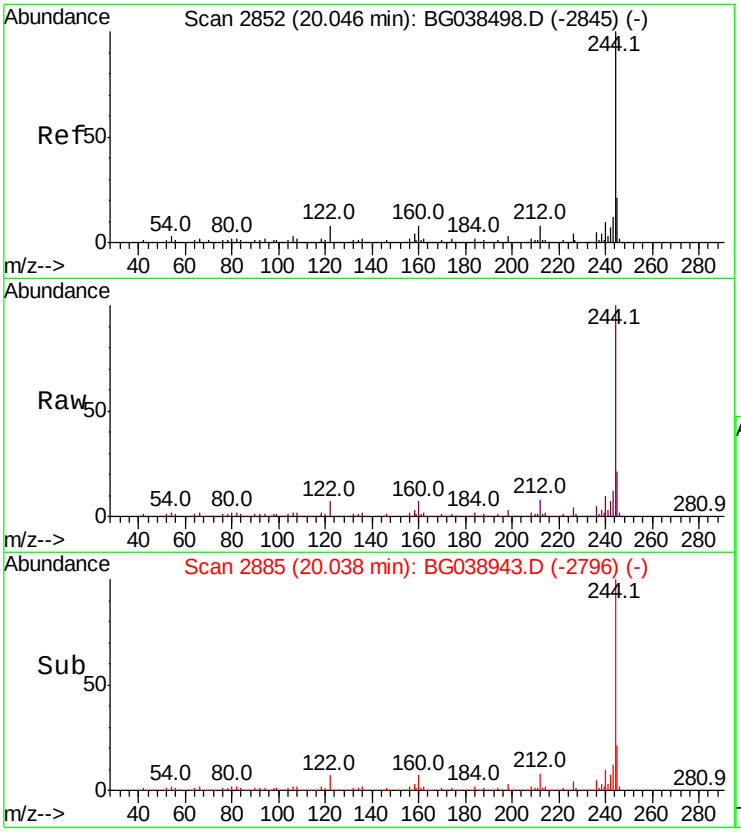


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Tgt Ion:240 Resp: 160449

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.3	7.9
236	26.5	21.4	32.2



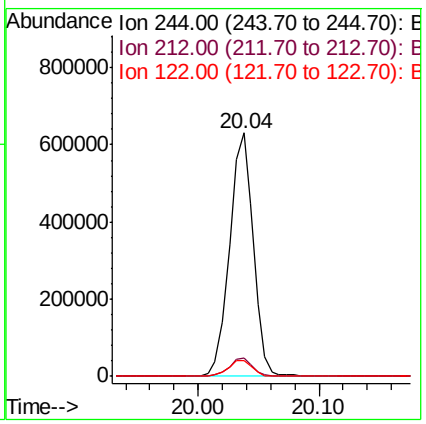


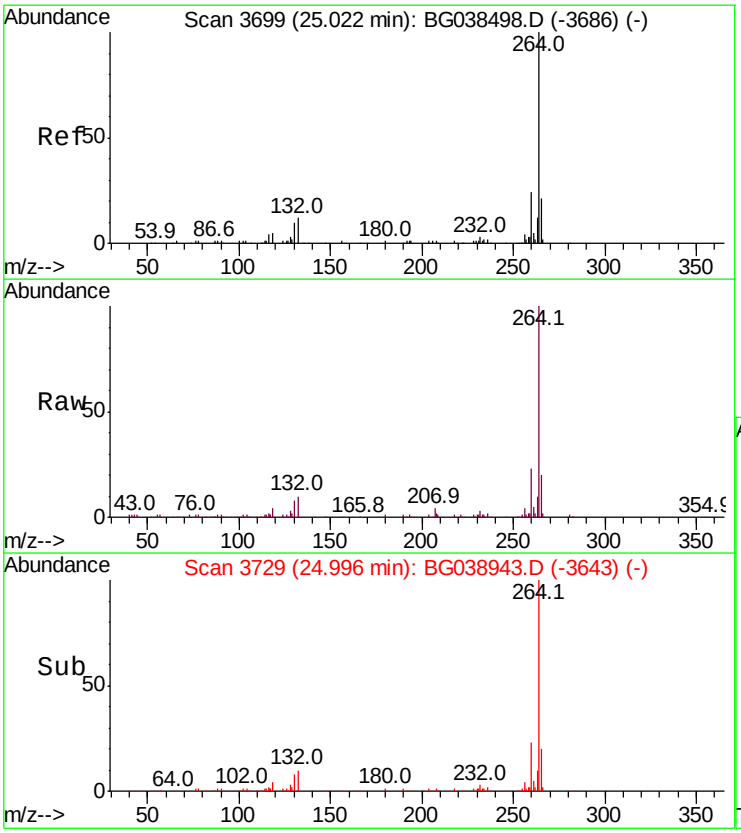
#79
Terphenyl-d14
Concen: 116.949 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Instrument :
BNA_G
ClientSampleId :
MW12_123118

Tgt Ion:244 Resp: 862200

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	6.6	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.03 min
Lab File: BG038943.D
Acq: 4 Jan 2019 23:44

Tgt Ion:264 Resp: 172118

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.9	28.3
265	20.4	17.0	25.4