Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039883.D
Acq On : 12 Mar 2019 20:52
Operator : JU/SJ
Sample : K1842-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-MW-10_030719

Quant Time: Mar 13 06:47:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	44014	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	182155	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	130082	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	329497	20.00	ng	0.00
76) Chrysene-d12	21.81	240	344014	20.00	ng	0.00
87) Perylene-d12	25.18	264	339656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	181192	70.23	ng	0.00
7) Phenol-d6	7.29	99	169181	43.98	ng	0.00
23) Nitrobenzene-d5	9.33	82	333810	99.11	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	231137	152.44	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	813766	89.07	ng	0.00
79) Terphenyl-d14	20.12	244	1368690	87.60	ng	0.00
Target Compounds						Qvalue

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

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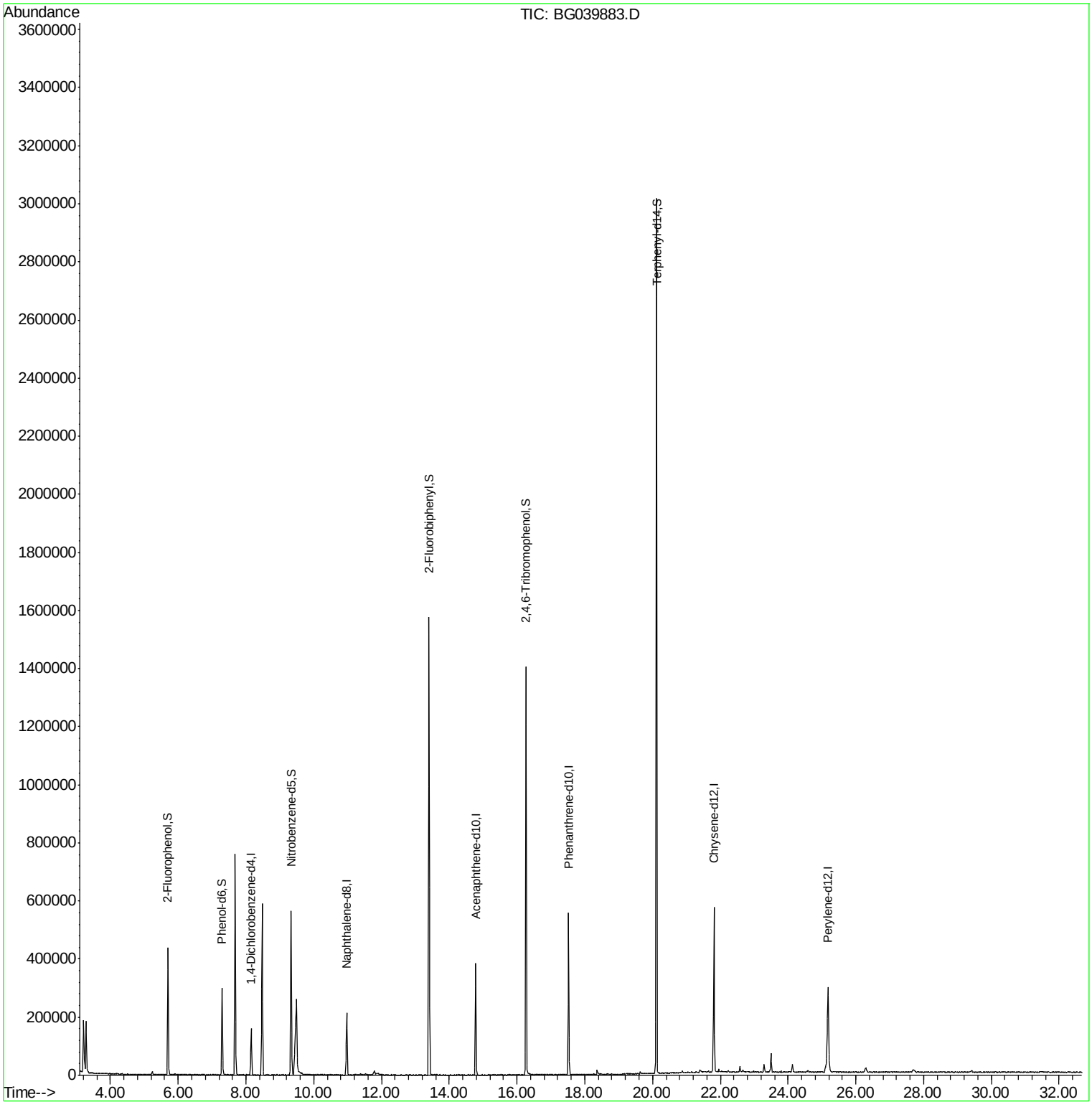
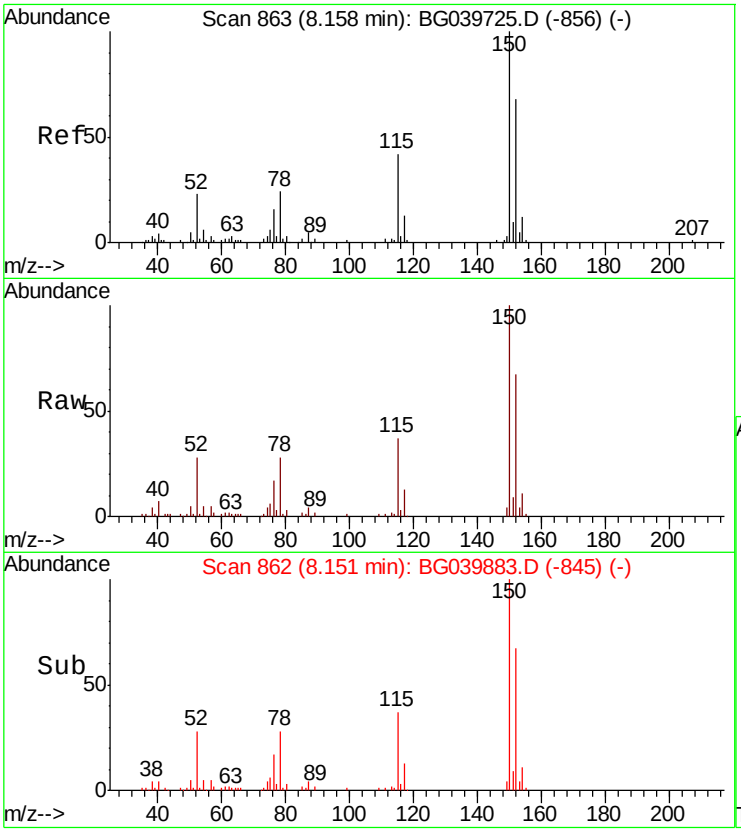


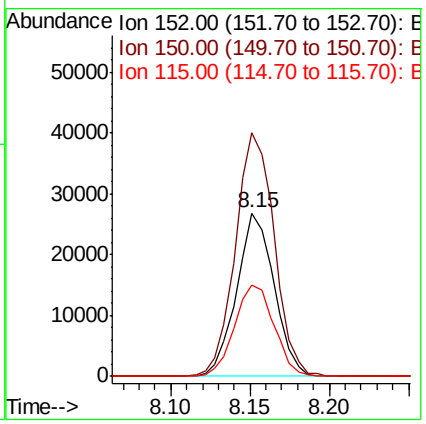


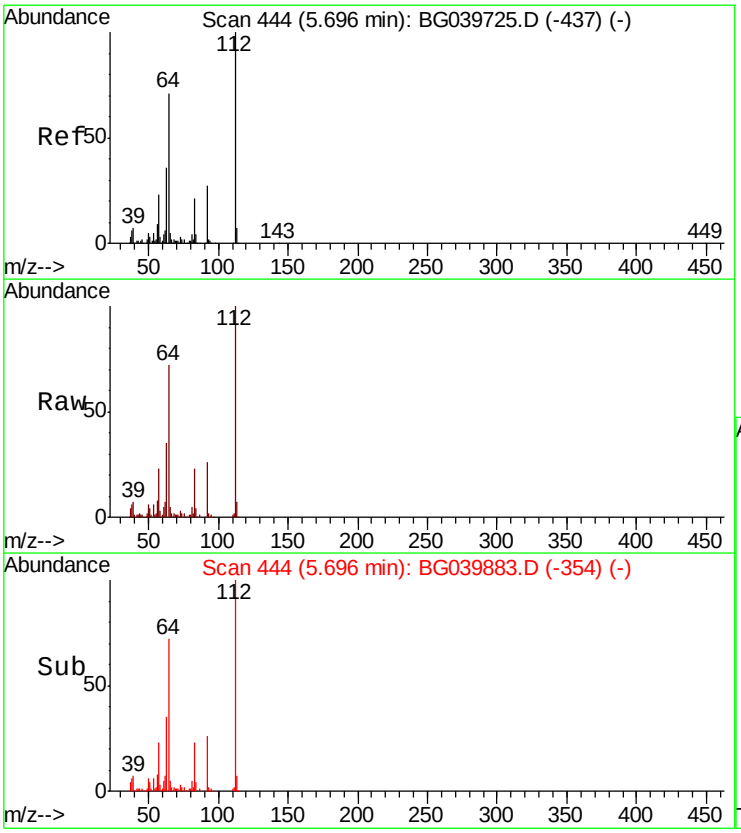
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Instrument :
BNA_G
ClientSampleId :
C-MW-10_030719

Tgt Ion:152 Resp: 44014

Ion	Ratio	Lower	Upper
152	100		
150	148.8	123.7	185.5
115	55.5	45.9	68.9

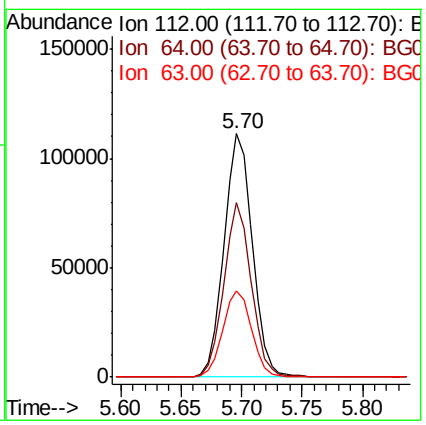


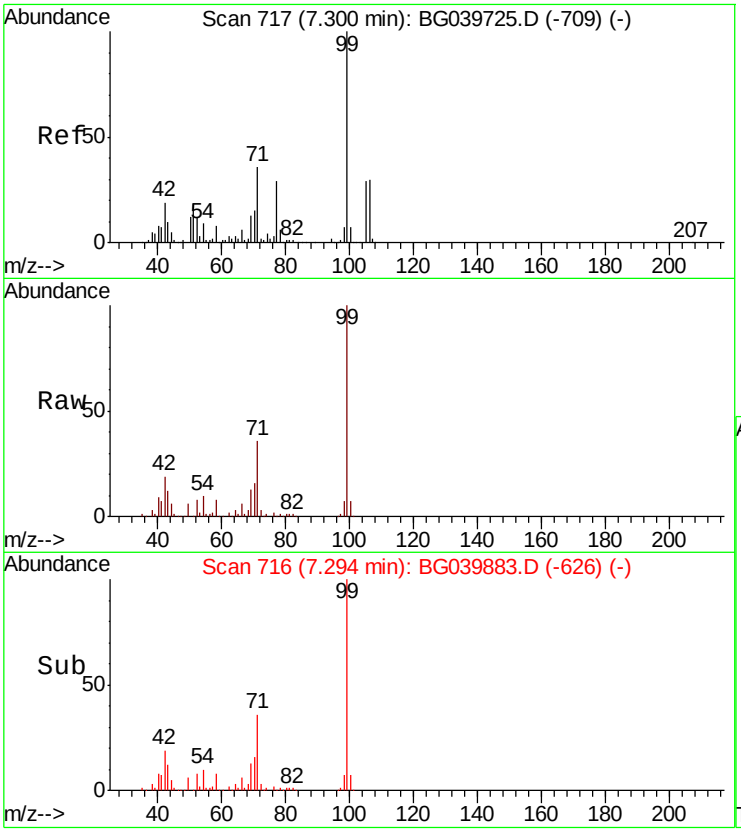


#5
2-Fluorophenol
Concen: 70.231 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Tgt Ion:112 Resp: 181192

Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.8	86.8
63	35.5	29.8	44.6



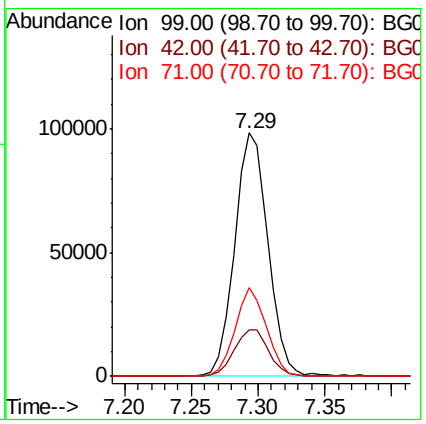


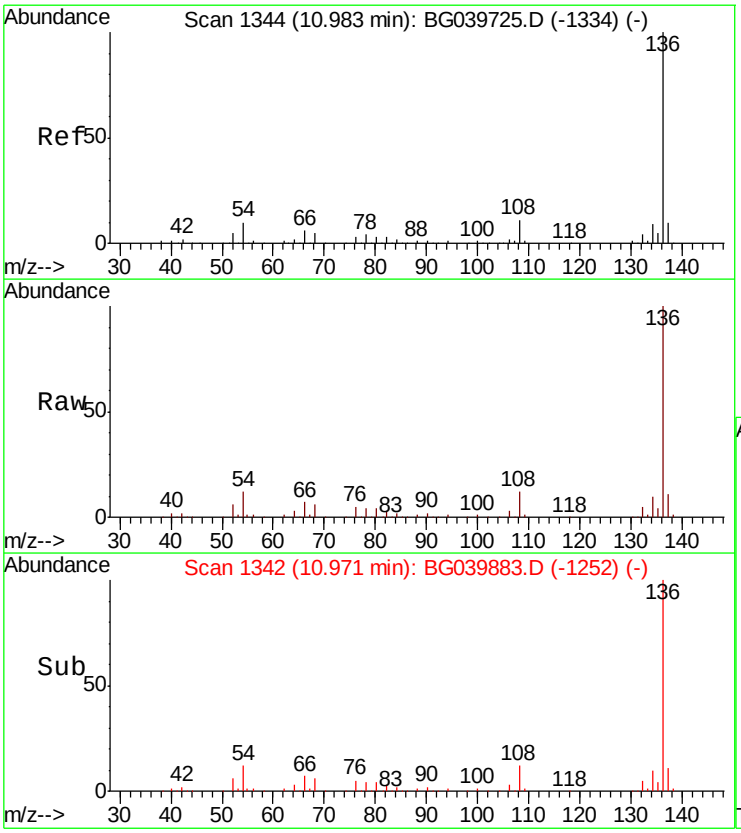
#7
Phenol-d6
Concen: 43.979 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Instrument :
BNA_G
ClientSampleId :
C-MW-10_030719

Tgt Ion: 99 Resp: 169181

Ion	Ratio	Lower	Upper
99	100		
42	19.4	18.2	27.2
71	36.3	28.0	42.0

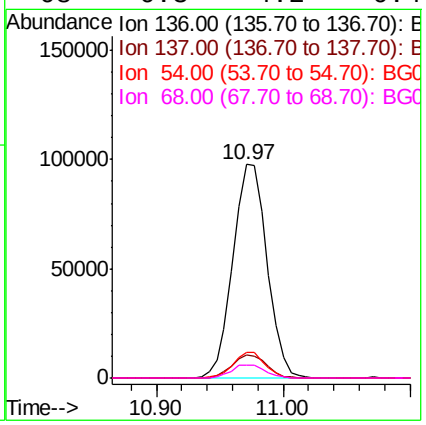


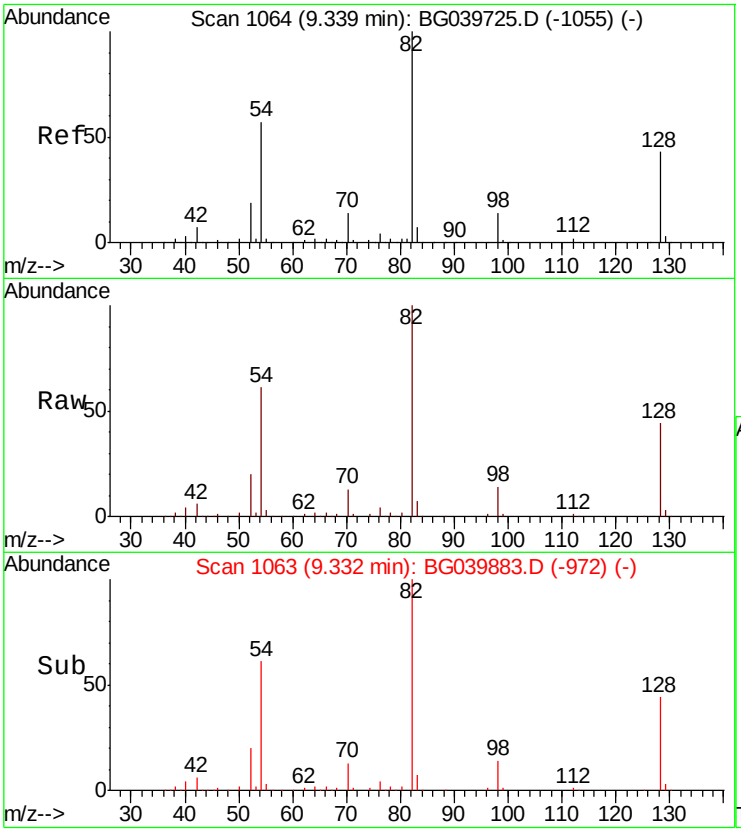


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Tgt Ion:136 Resp: 182155

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	12.1	9.4	14.2
68	6.3	4.2	6.4



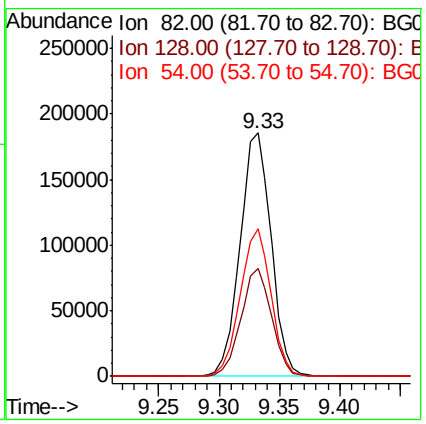


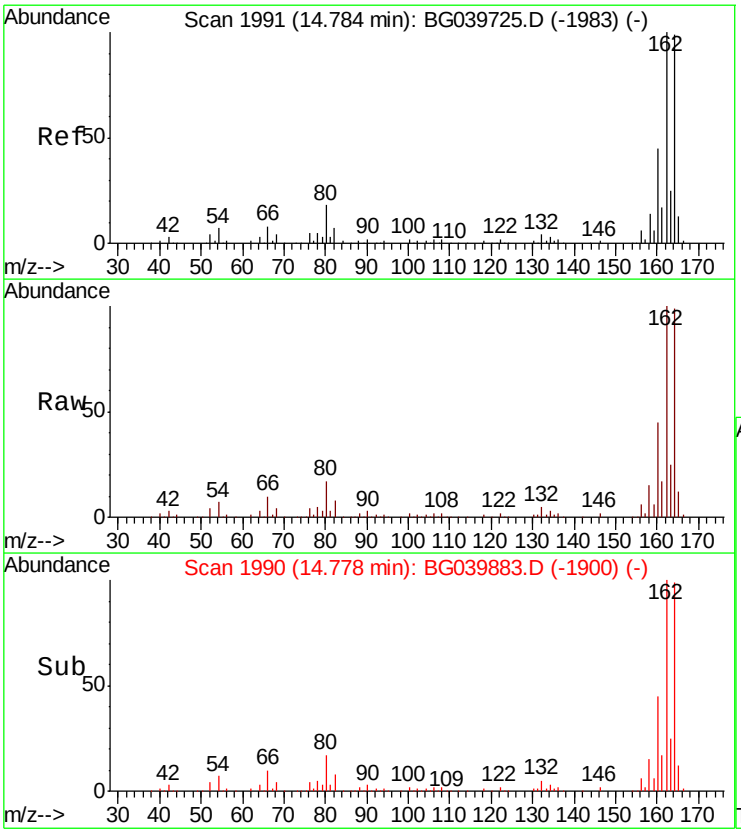
#23
Nitrobenzene-d5
Concen: 99.112 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Instrument :
BNA_G
ClientSampleId :
C-MW-10_030719

Tgt Ion: 82 Resp: 333810

Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.3	46.9
54	60.7	50.9	76.3

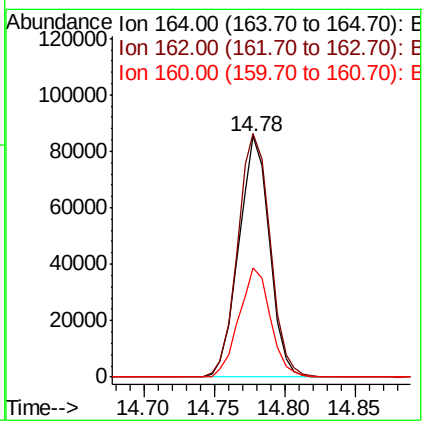


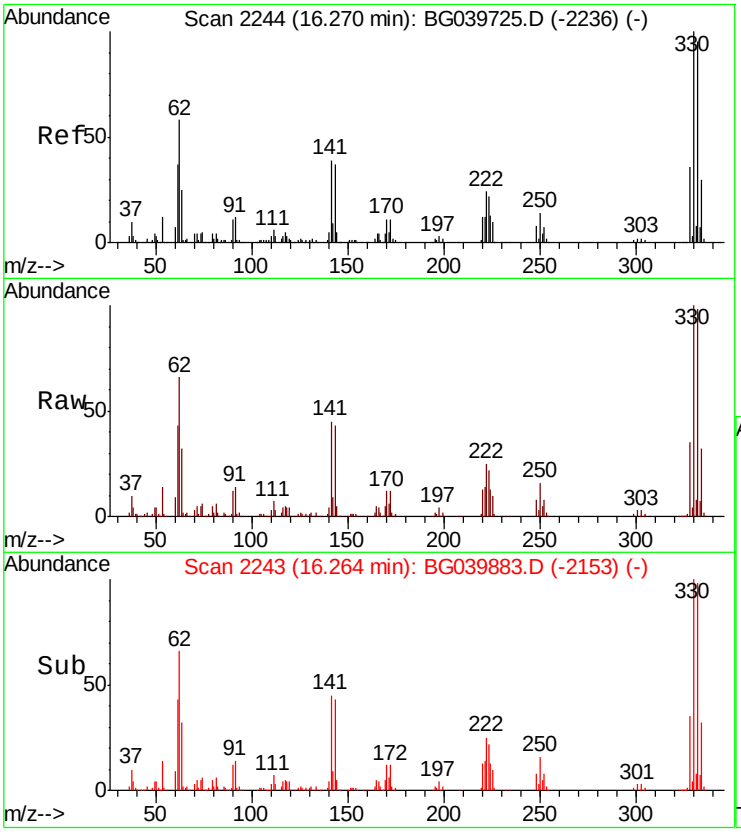


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Tgt Ion:164 Resp: 130082

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.6	122.4
160	45.5	34.2	51.2



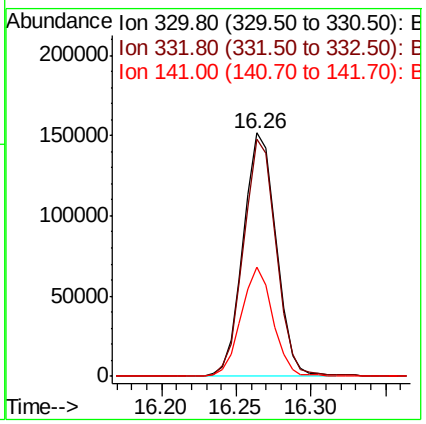


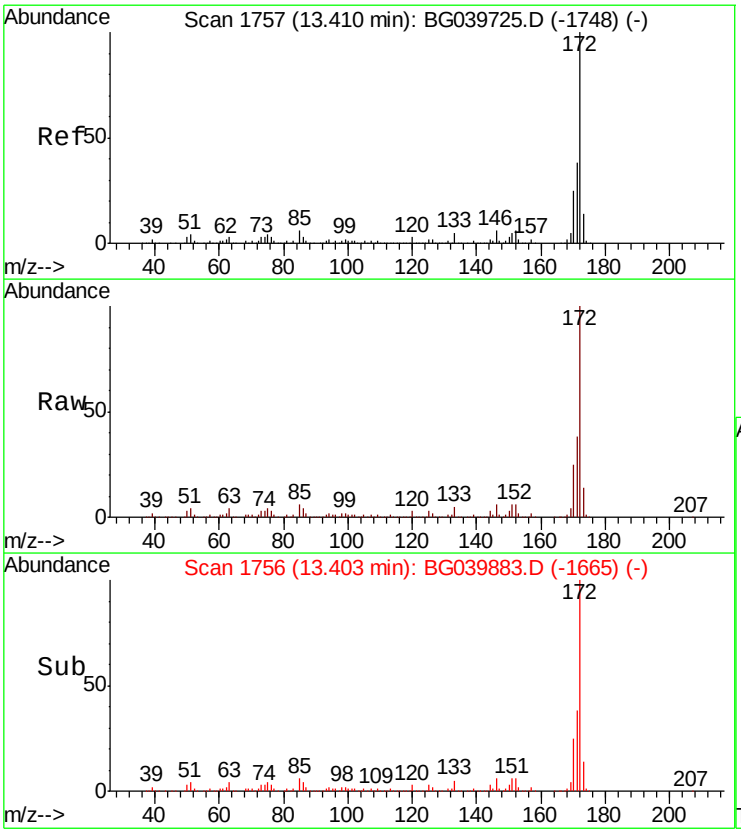
#42
2,4,6-Tribromophenol
Concen: 152.445 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Instrument :
BNA_G
ClientSampleId :
C-MW-10_030719

Tgt Ion:330 Resp: 231137

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	43.6	35.6	53.4

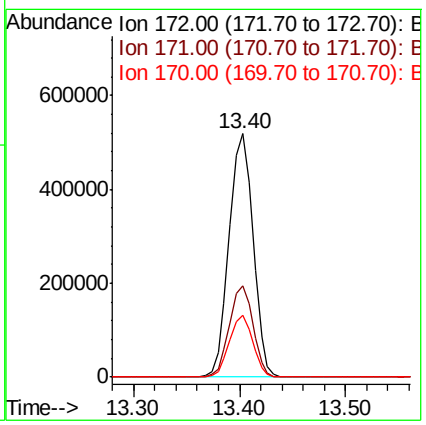


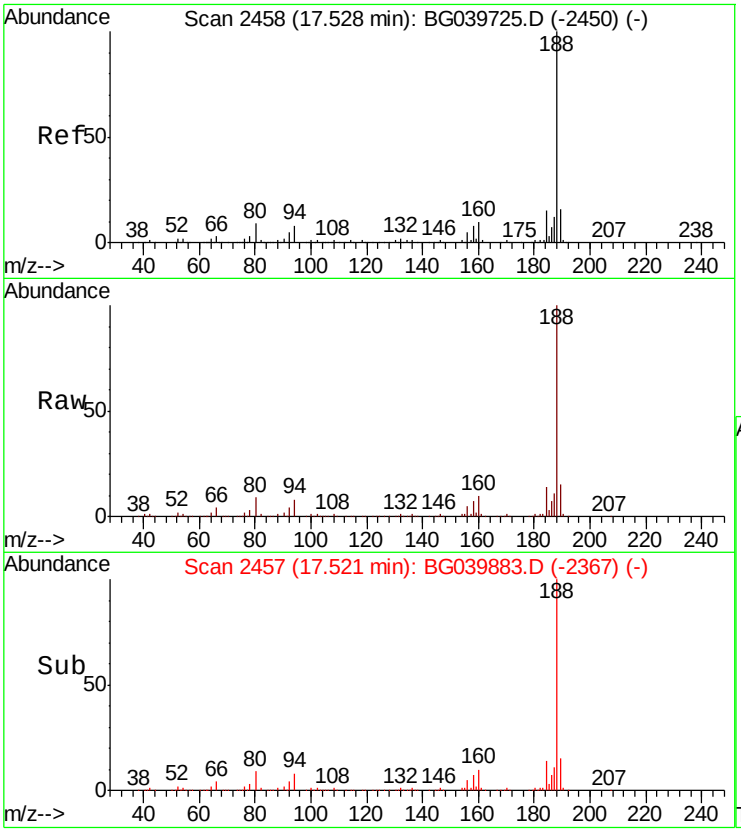


#45
2-Fluorobiphenyl
Concen: 89.072 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Tgt Ion:172 Resp: 813766

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.2	20.2	30.4



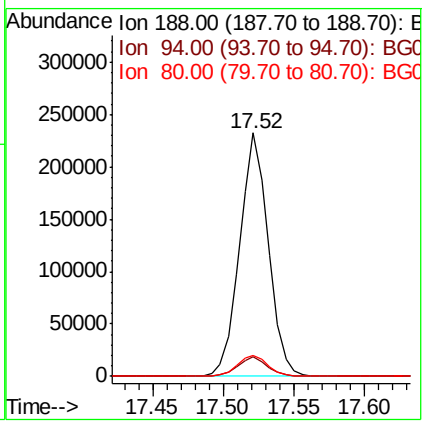


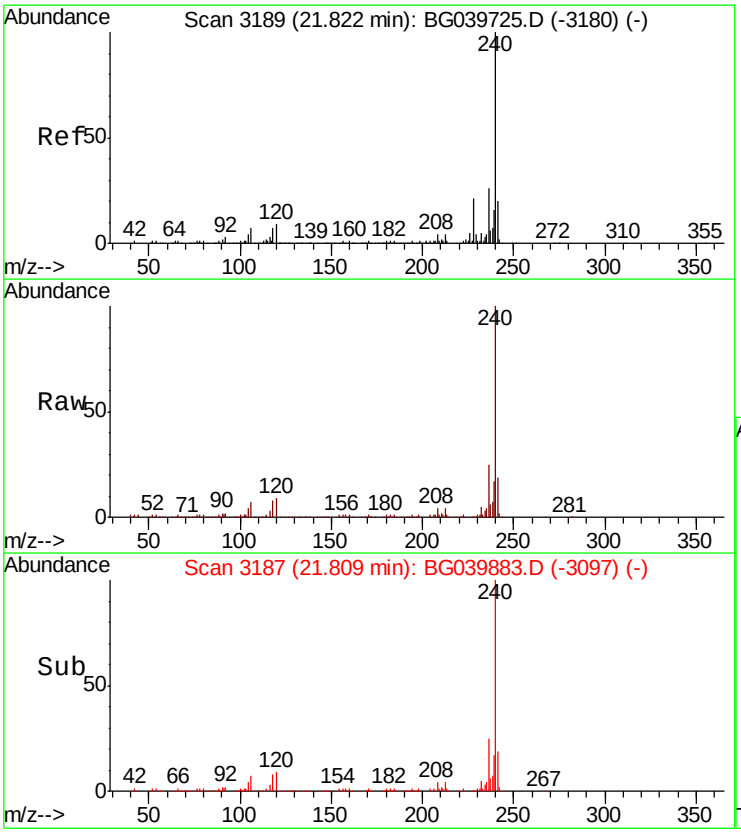
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Instrument :
BNA_G
ClientSampleId :
C-MW-10_030719

Tgt Ion:188 Resp: 329497

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.6	8.1	12.1

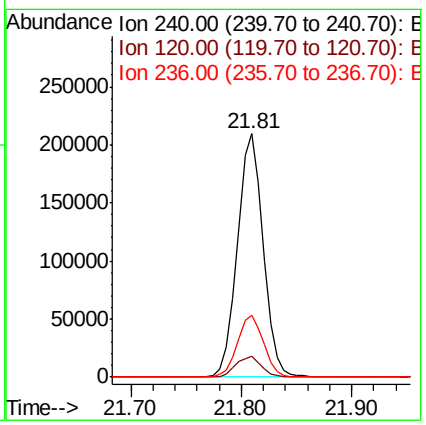


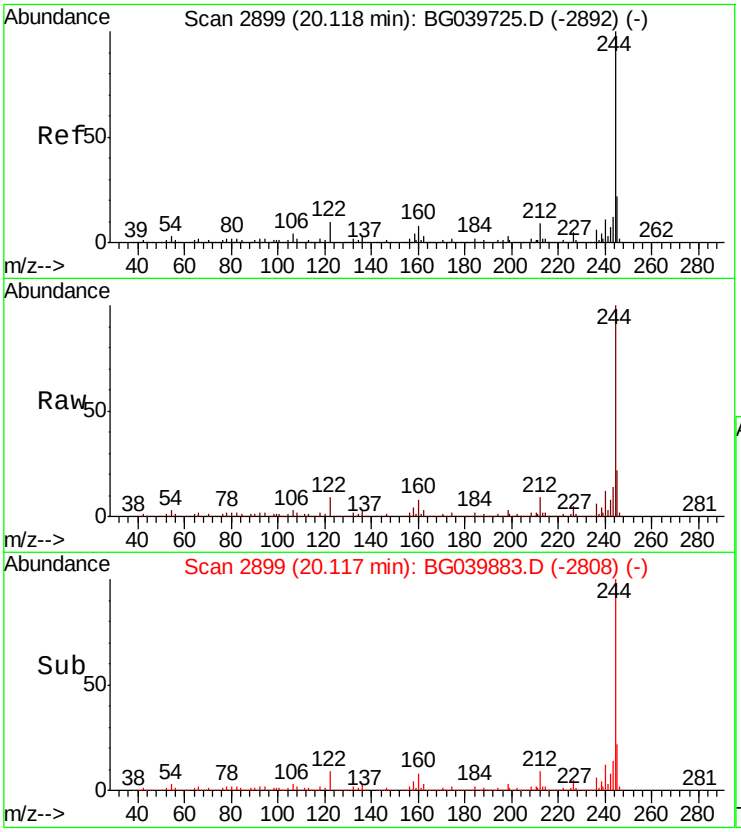


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Tgt Ion:240 Resp: 344014

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	25.2	21.0	31.4



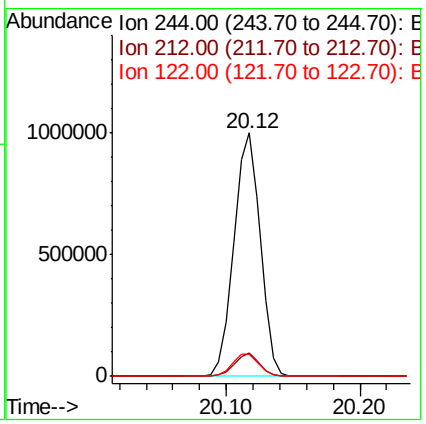


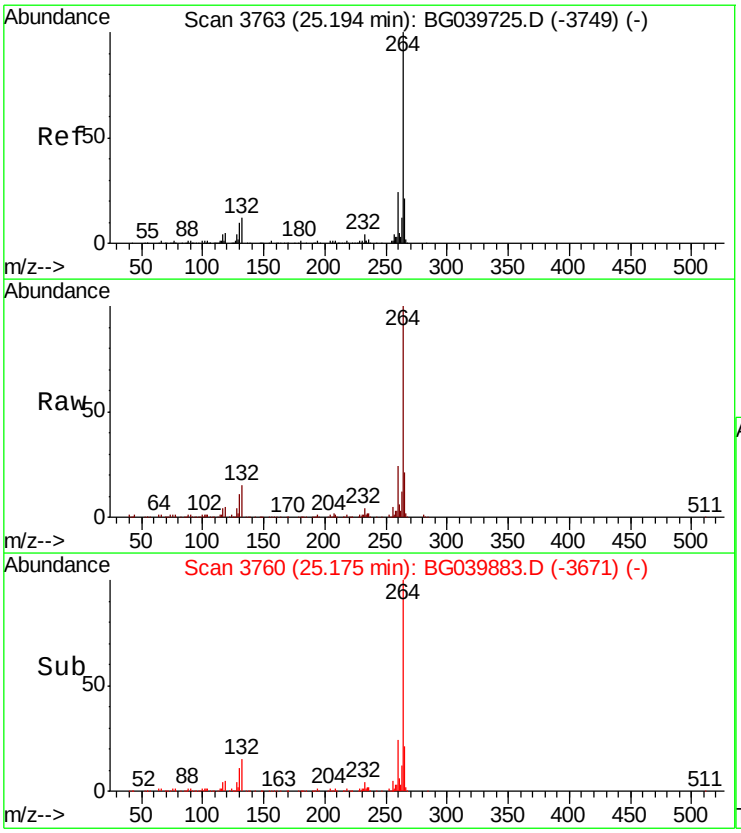
#79
Terphenyl-d14
Concen: 87.601 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Instrument :
BNA_G
ClientSampleId :
C-MW-10_030719

Tgt Ion:244 Resp: 1368690

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG039883.D
Acq: 12 Mar 2019 20:52

Tgt Ion:264 Resp: 339656

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.2	18.5	27.7