Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039037.D
Acq On : 10 Jan 2019 1:42
Operator : JU/SJ
Sample : K1087-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-444-C

Quant Time: Jan 10 05:03:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21058	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	89917	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67604	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	182663	20.00	ng	0.00
76) Chrysene-d12	21.70	240	183794	20.00	ng	0.00
87) Perylene-d12	24.97	264	195412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	135629	122.18	ng	0.00
7) Phenol-d6	7.19	99	194655	121.85	ng	0.00
23) Nitrobenzene-d5	9.21	82	116972	71.18	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	124657	110.00	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	349154	70.68	ng	0.00
79) Terphenyl-d14	20.03	244	694186	69.87	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.12	163	82501	14.441	ng	100

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

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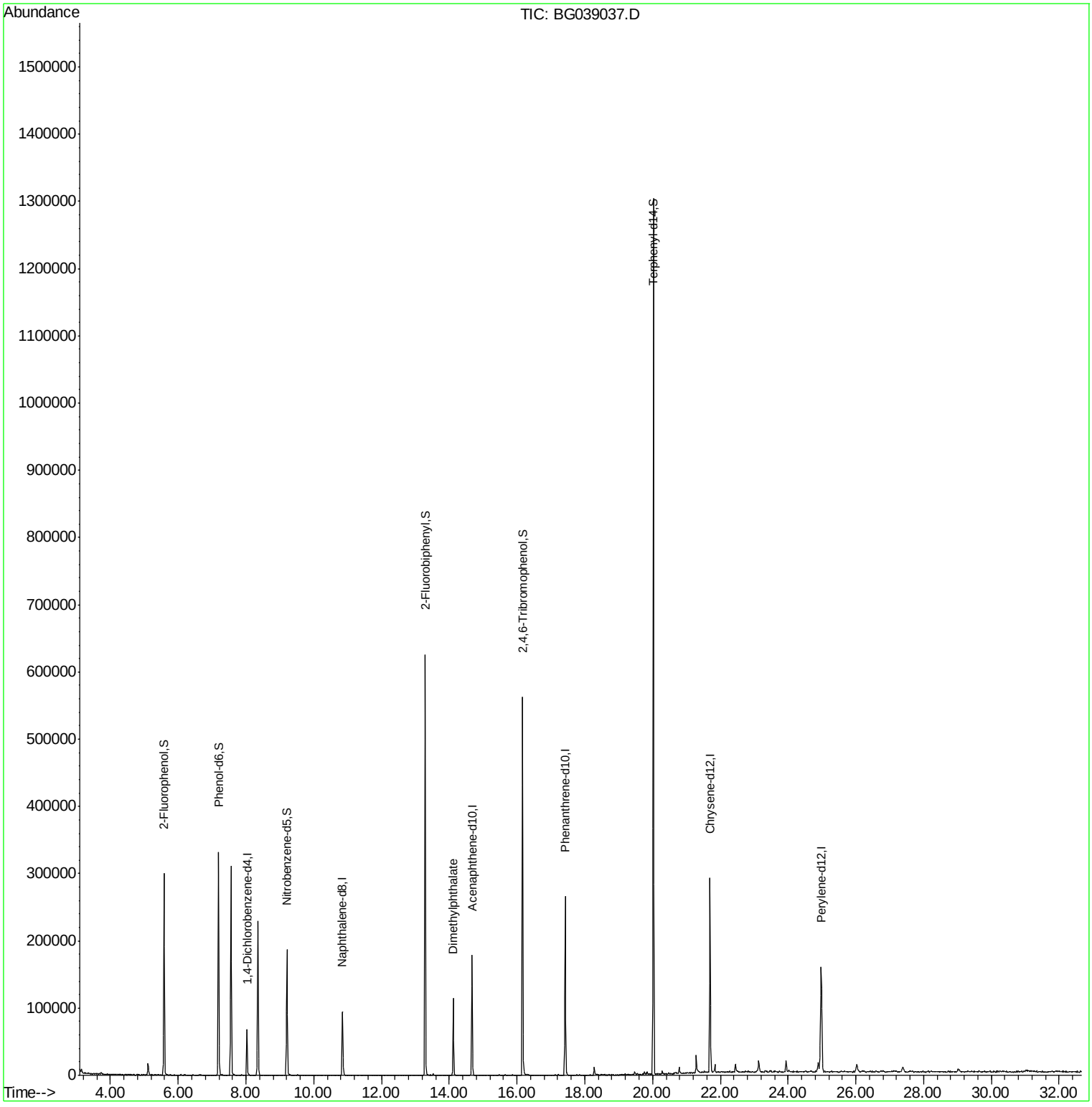
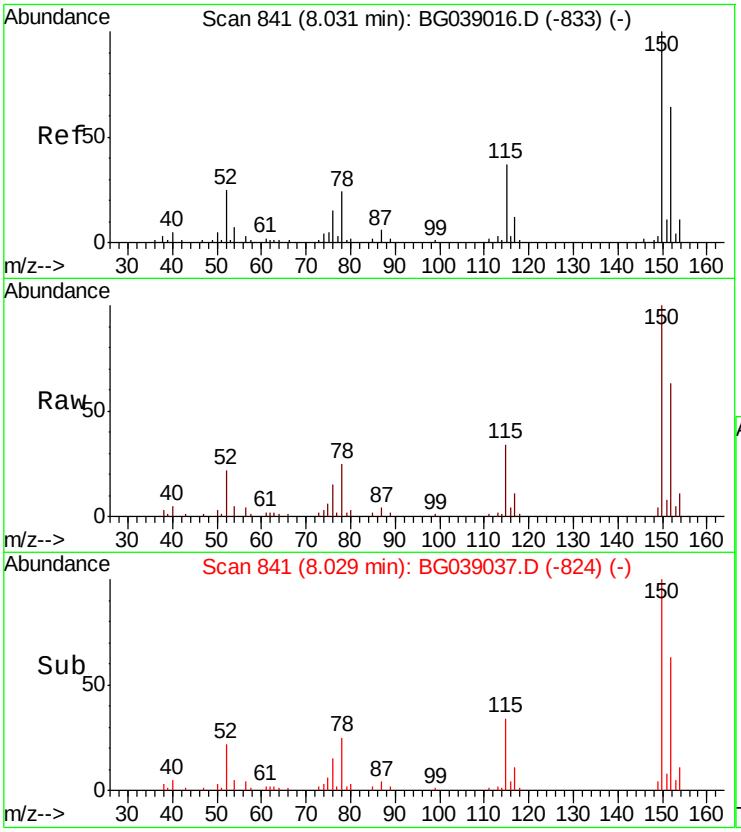


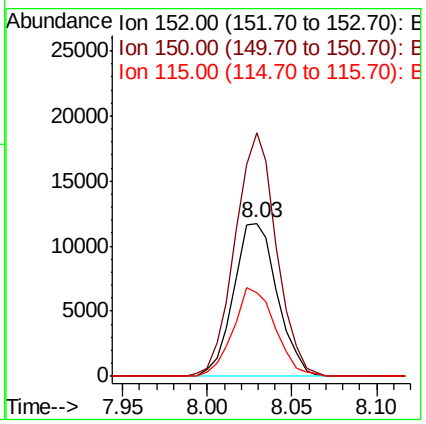


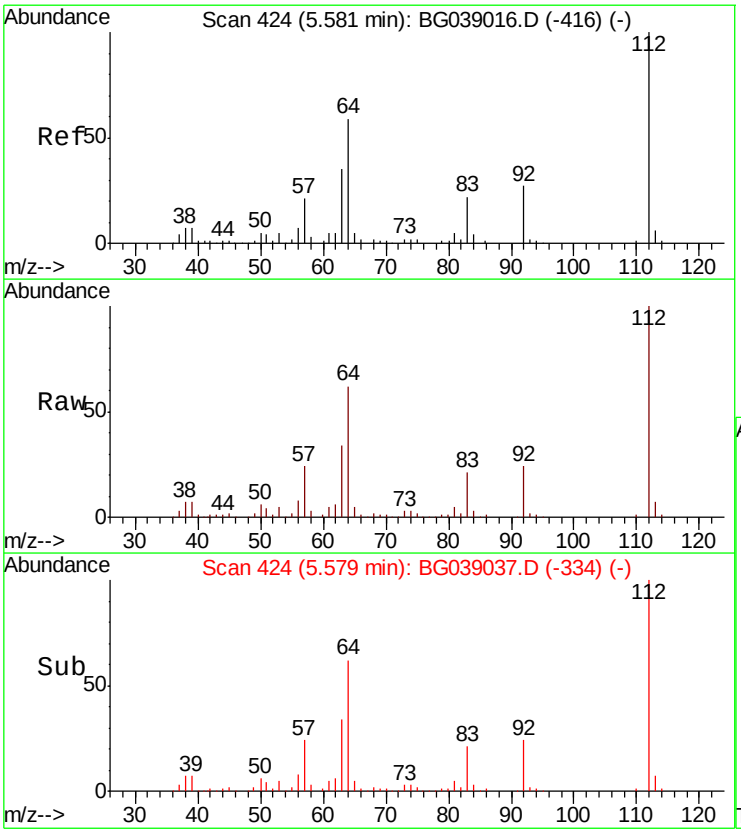
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion:152 Resp: 21058

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.7	187.1
115	54.5	46.5	69.7

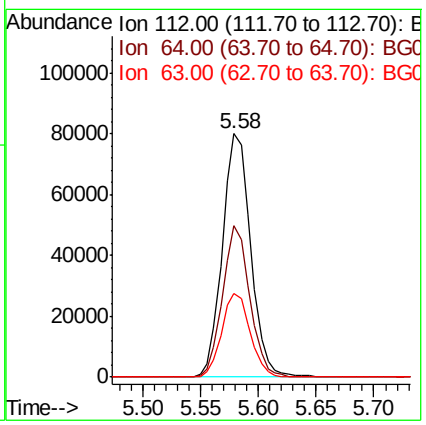


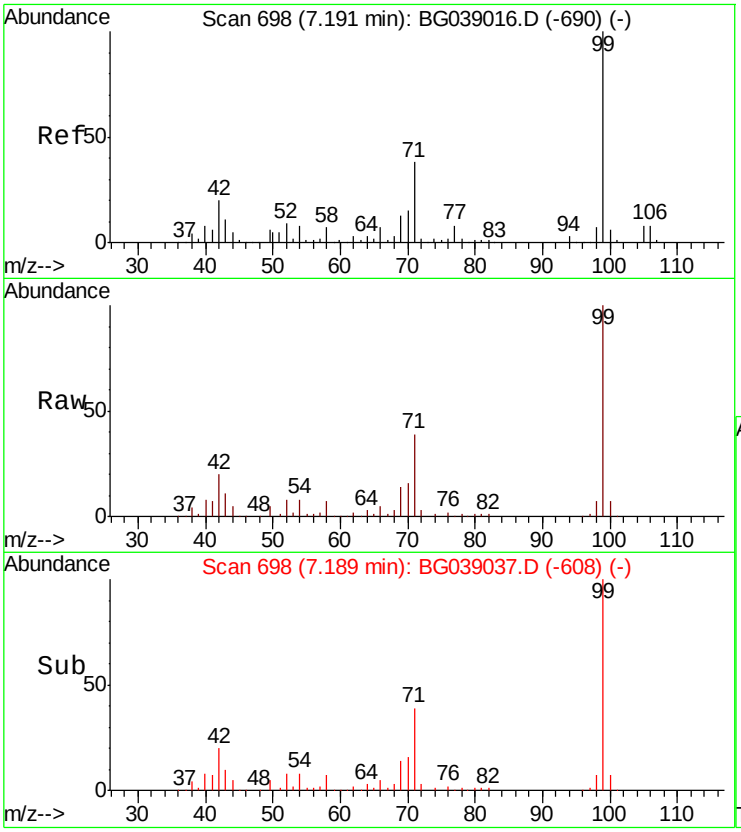


#5
2-Fluorophenol
Concen: 122.180 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:112 Resp: 135629

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.0	70.6
63	34.4	28.0	42.0



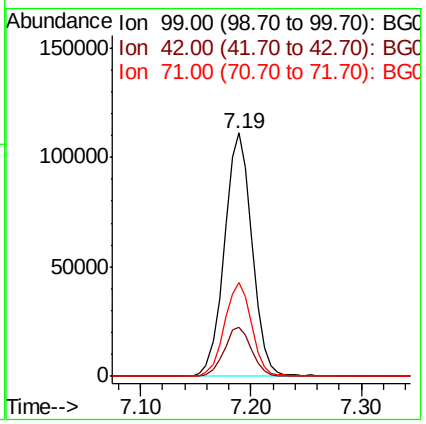


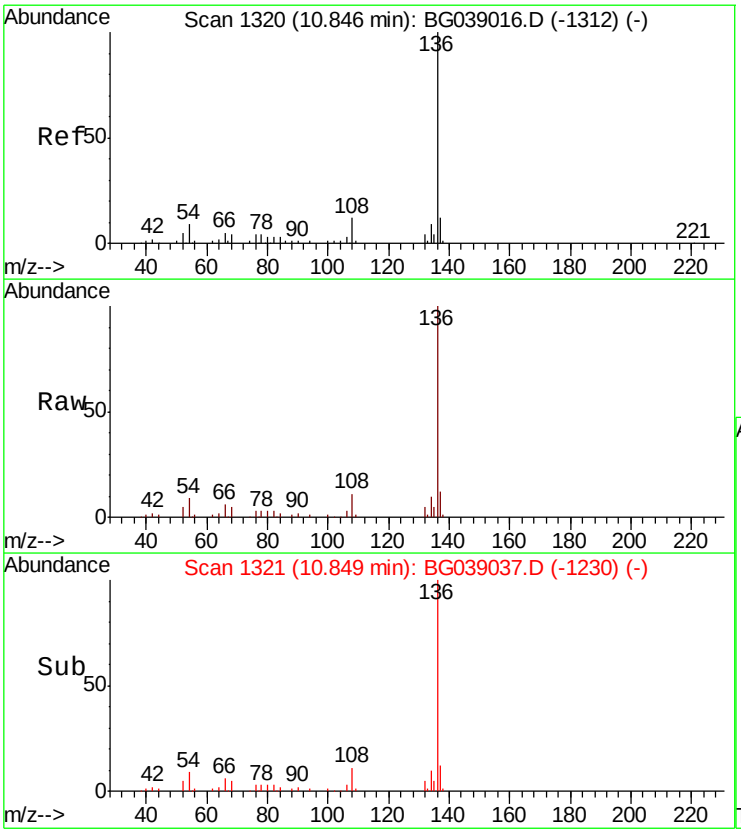
#7
Phenol-d6
Concen: 121.846 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion: 99 Resp: 194655

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.8	23.6
71	38.6	30.2	45.4

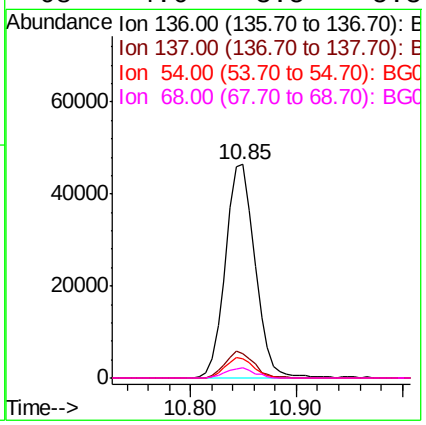


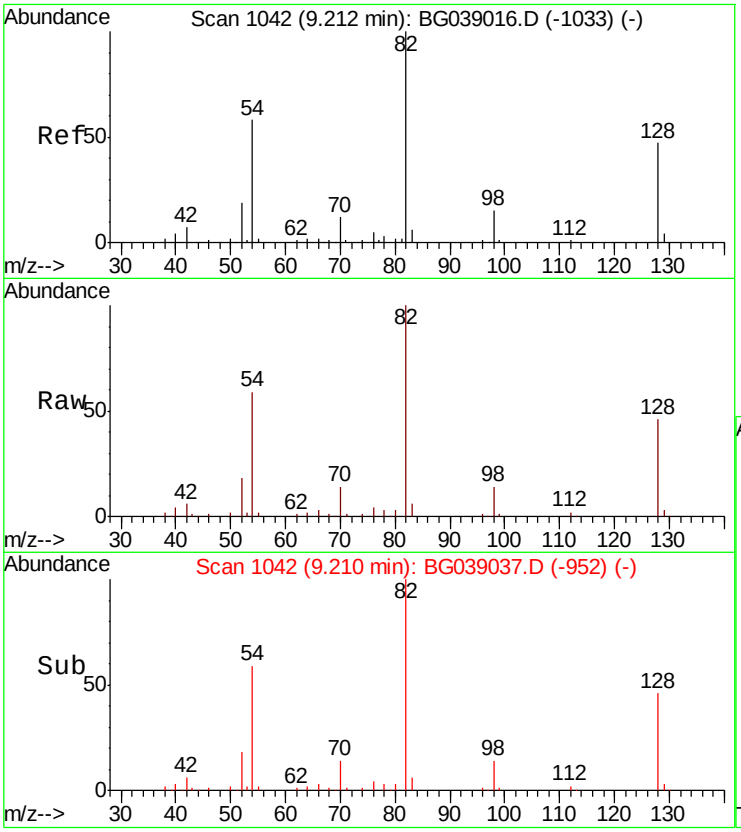


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:136 Resp: 89917

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	8.7	7.2	10.8
68	4.6	3.5	5.3



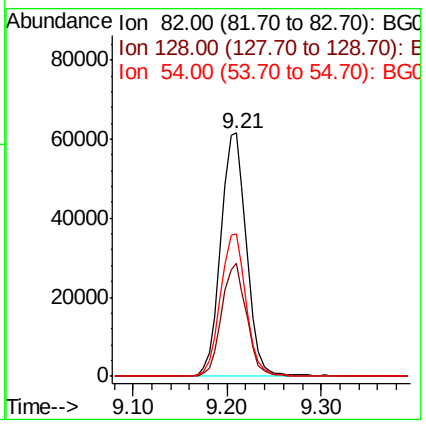


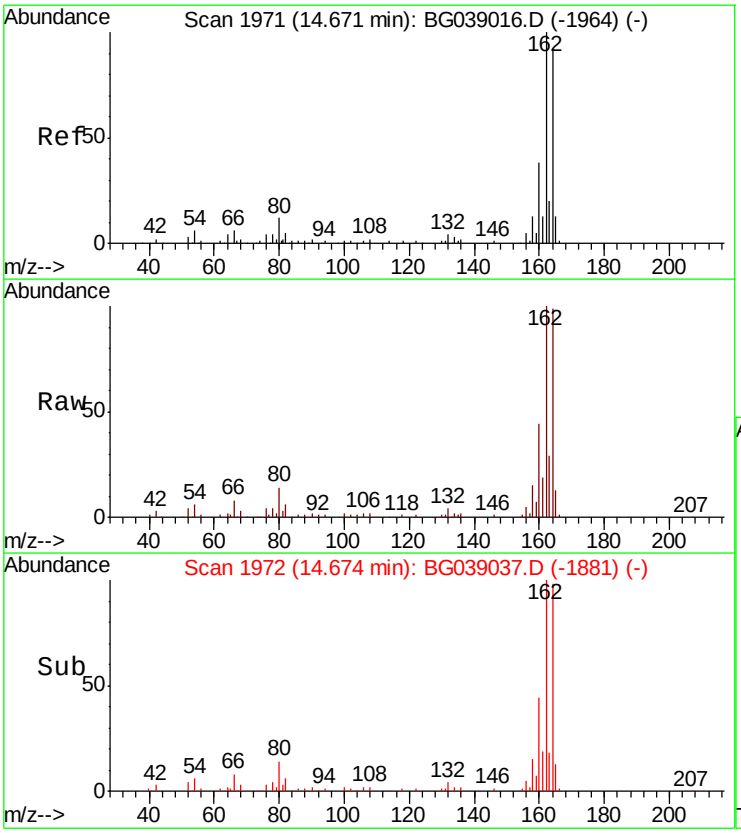
#23
Nitrobenzene-d5
Concen: 71.184 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion: 82 Resp: 116972

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.3	55.9
54	58.7	46.4	69.6

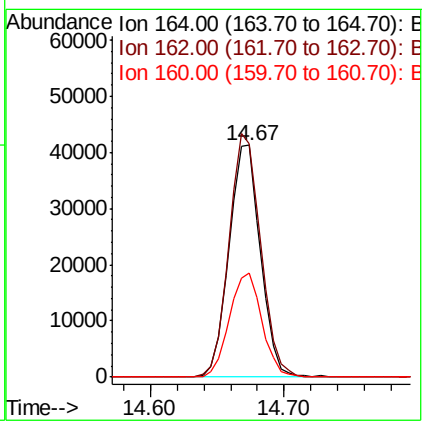


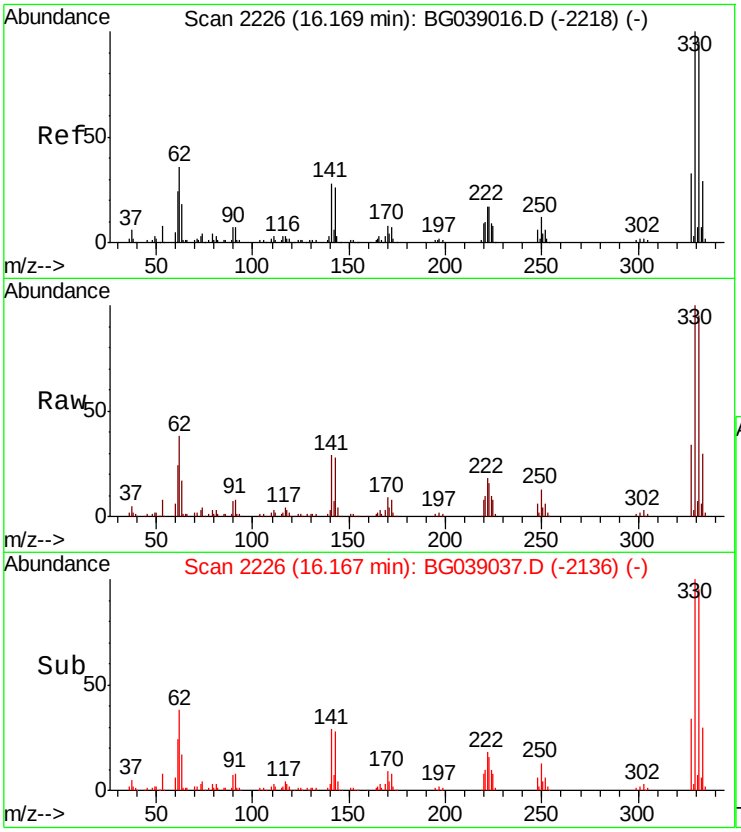


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:164 Resp: 67604

Ion	Ratio	Lower	Upper
164	100		
162	100.9	87.2	130.8
160	44.8	33.3	49.9



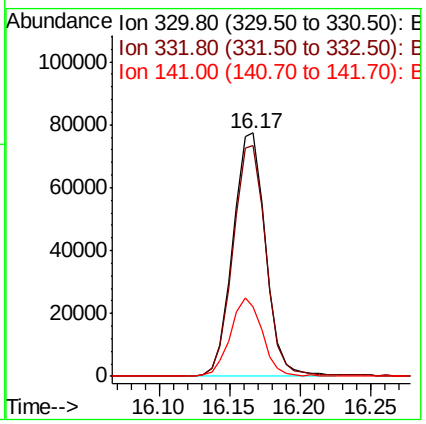


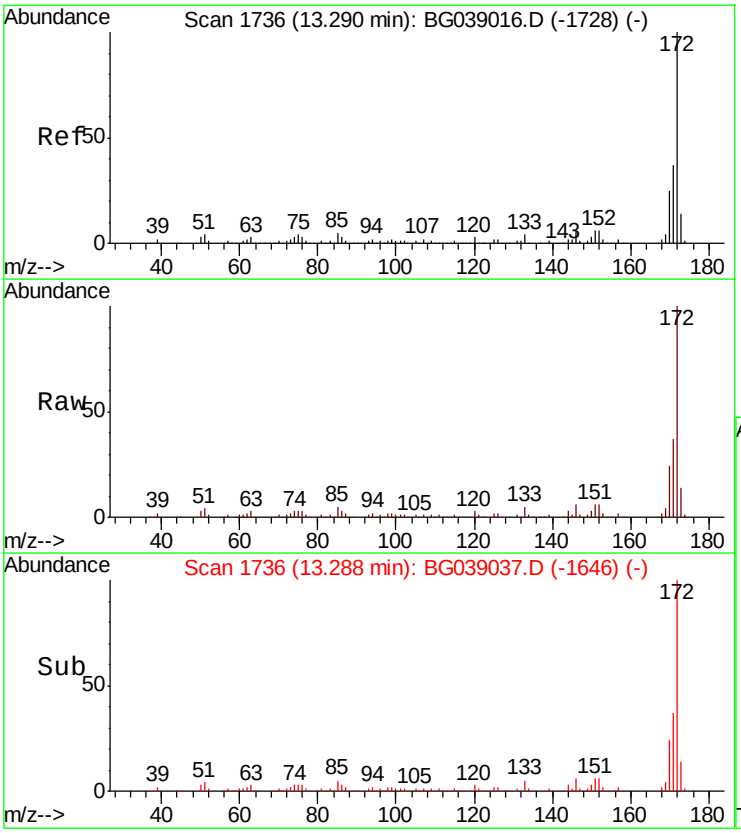
#42
2,4,6-Tribromophenol
Concen: 110.002 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion:330 Resp: 124657

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	31.6	24.9	37.3

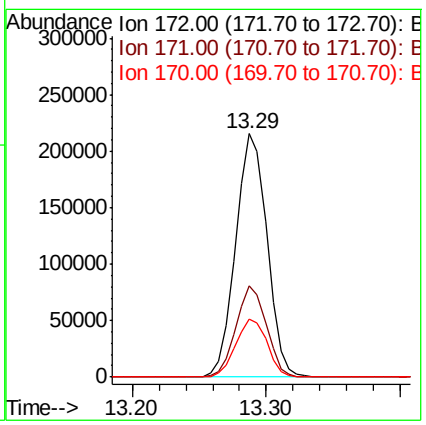


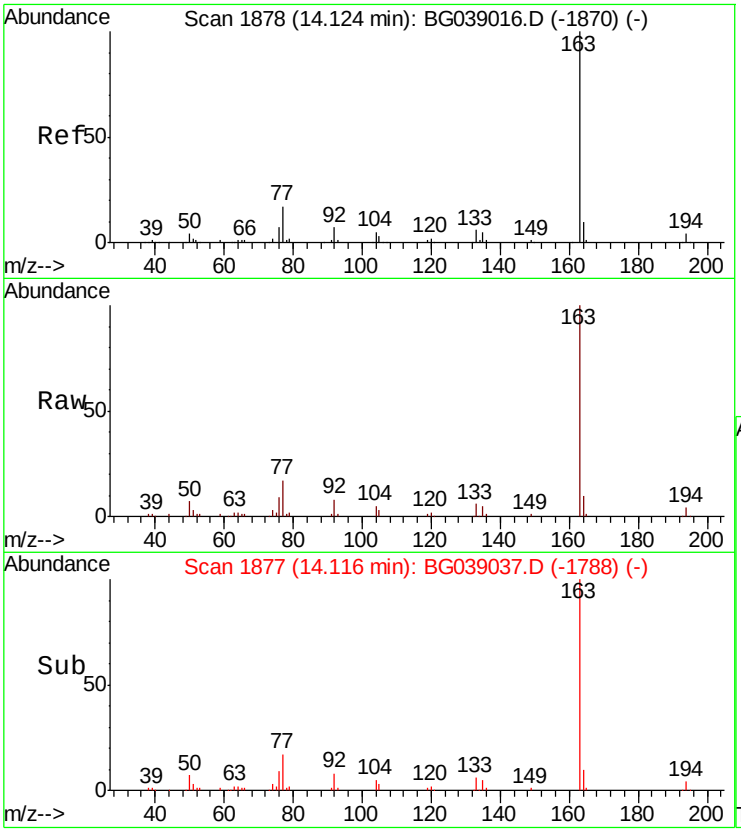


#45
2-Fluorobiphenyl
Concen: 70.682 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:172 Resp: 349154

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.0
170	23.6	20.1	30.1



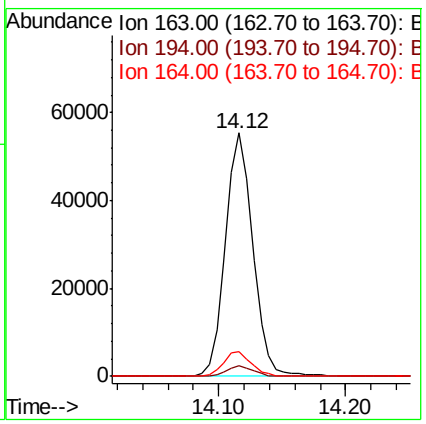


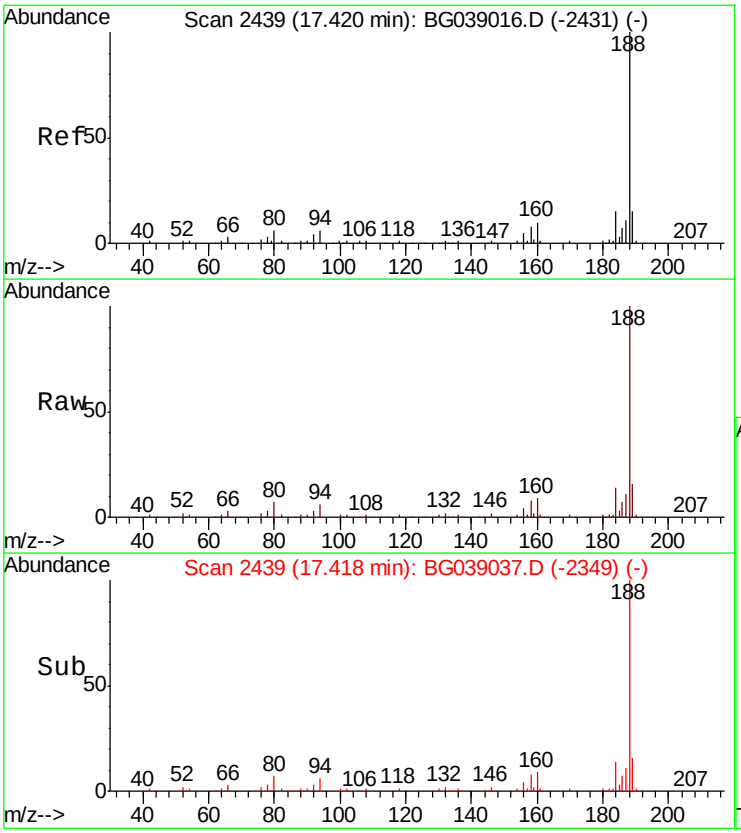
#50
Dimethylphthalate
Concen: 14.441 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion:163 Resp: 82501

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.0	8.2	12.2

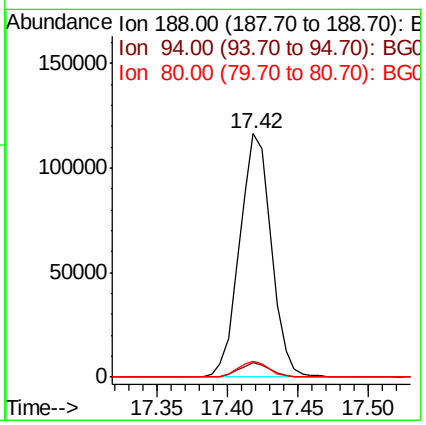


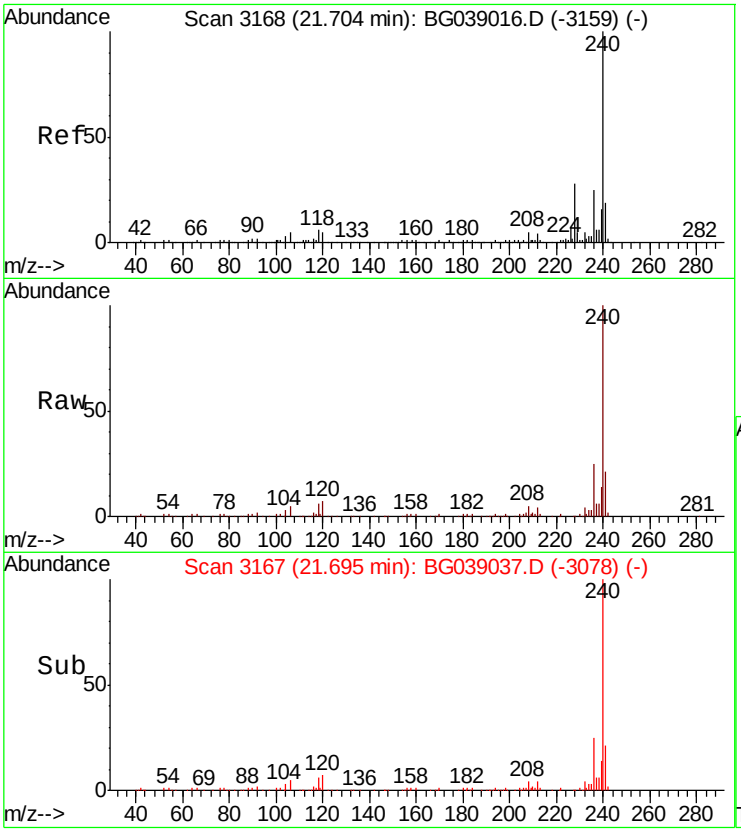


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:188 Resp: 182663

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.4
80	6.7	4.7	7.1



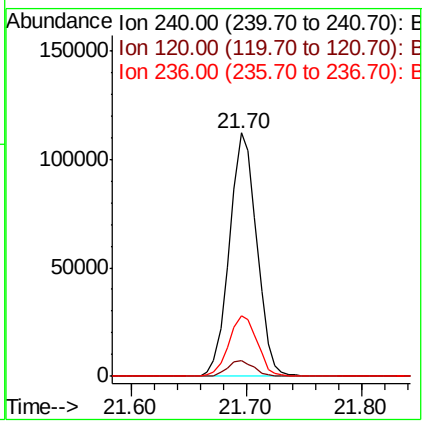


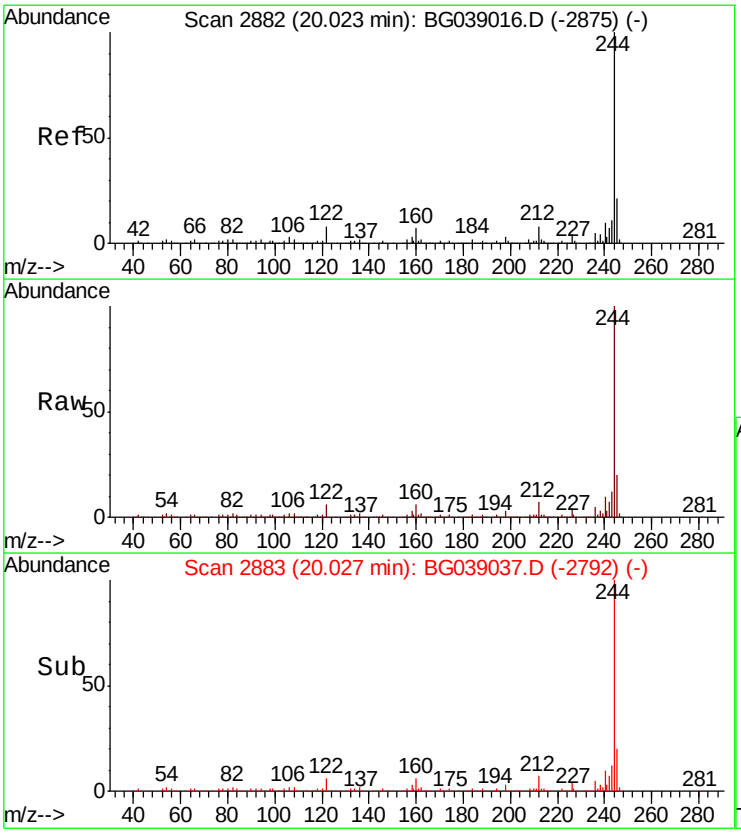
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion:240 Resp: 183794

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.3	6.5#
236	25.1	20.1	30.1

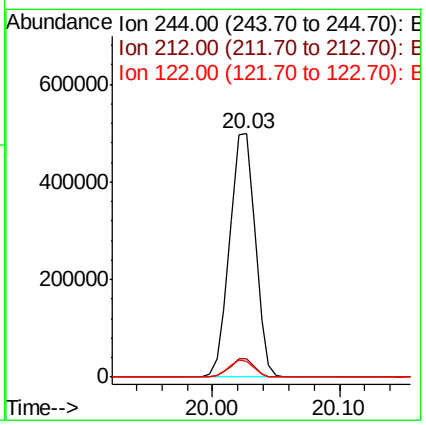


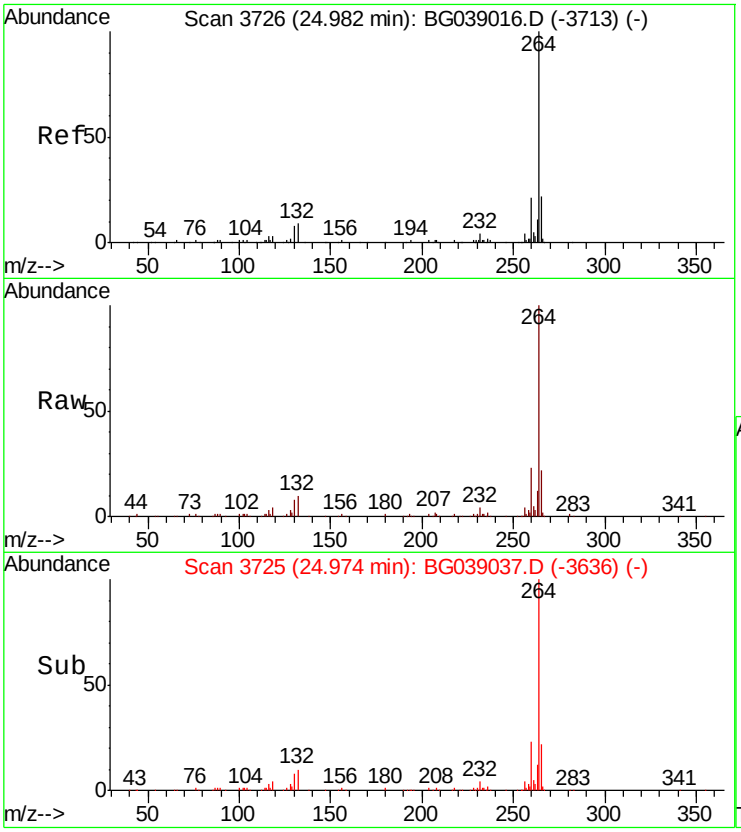


#79
Terphenyl-d14
Concen: 69.870 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:244 Resp: 694186

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.3	6.1	9.1

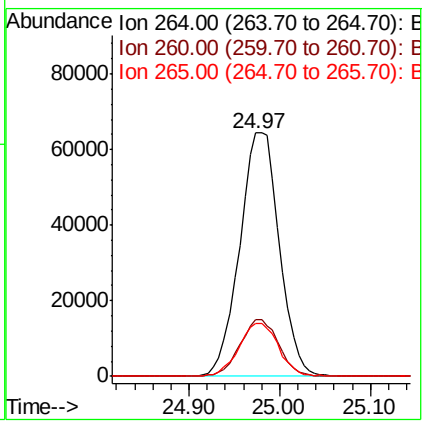




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039037.D
Acq: 10 Jan 2019 1:42

Tgt Ion:264 Resp: 195412

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.0	25.6
265	21.9	17.2	25.8



Instrument :
BNA_G
ClientSampleId :
MH-444-C