Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039060.D
Acq On : 10 Jan 2019 19:59
Operator : JU/SJ
Sample : K1087-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-444-C

Quant Time: Jan 11 05:34:50 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	20942	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	89799	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	68925	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	182418	20.00	ng	0.00
76) Chrysene-d12	21.70	240	187364	20.00	ng	0.00
87) Perylene-d12	24.97	264	200604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	133493	120.92	ng	0.00
7) Phenol-d6	7.19	99	195551	123.08	ng	0.00
23) Nitrobenzene-d5	9.20	82	118518	72.22	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	126949	109.88	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	350205	69.54	ng	0.00
79) Terphenyl-d14	20.02	244	683532	67.49	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.12	163	82373	14.143	ng	97

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

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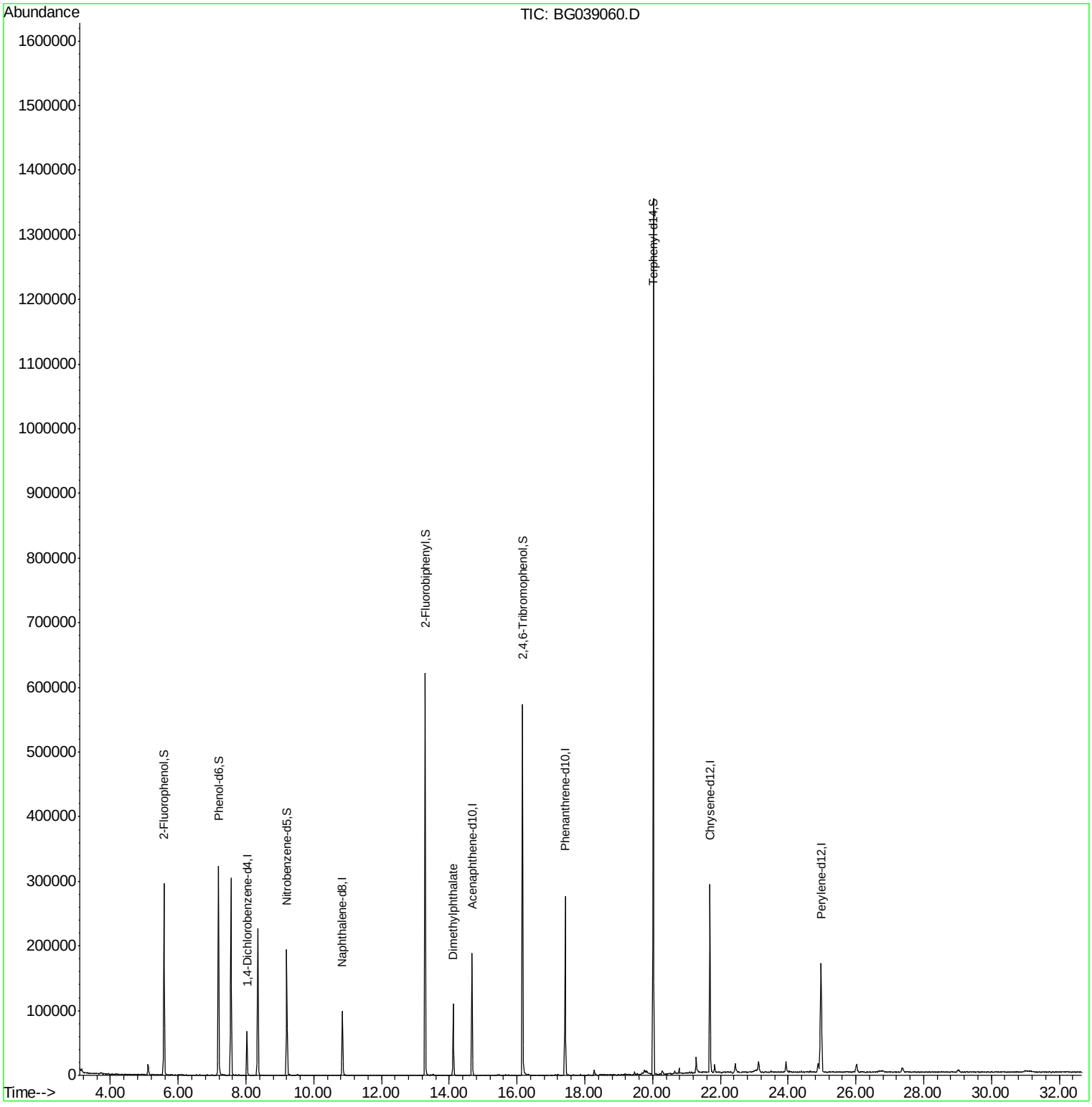
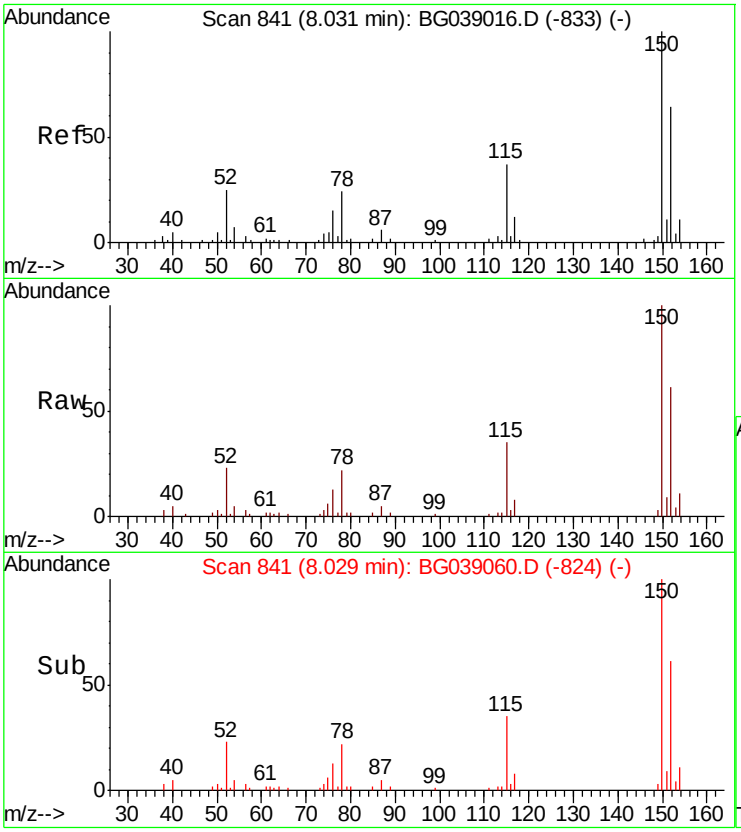


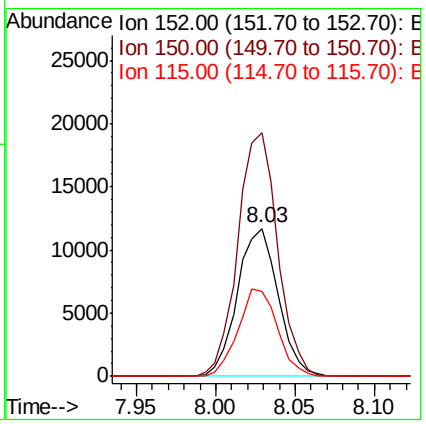


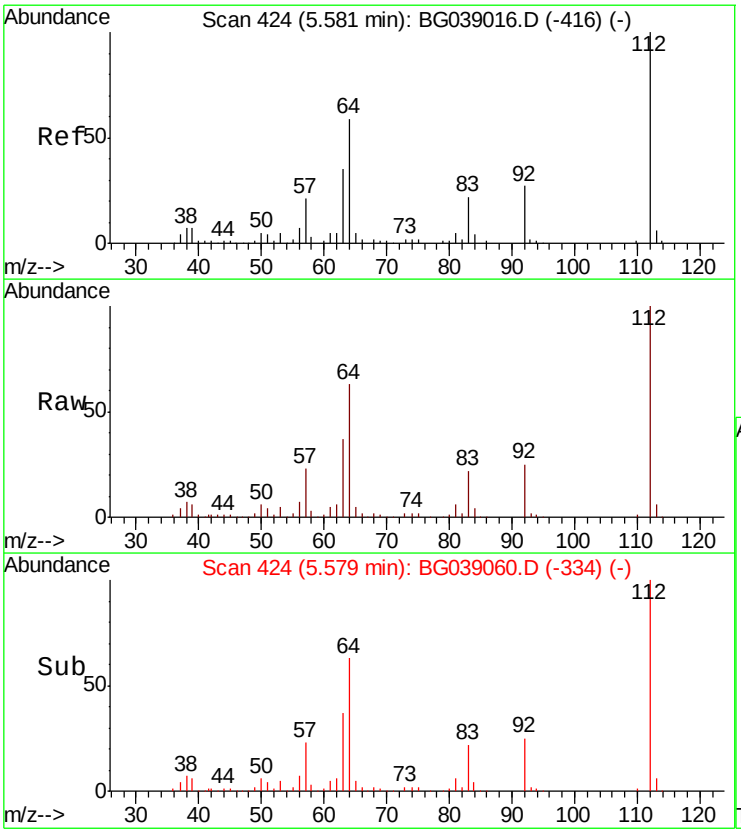
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion:152 Resp: 20942

Ion	Ratio	Lower	Upper
152	100		
150	164.9	124.7	187.1
115	57.1	46.5	69.7

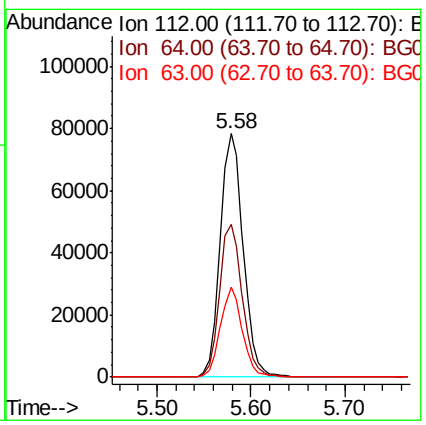


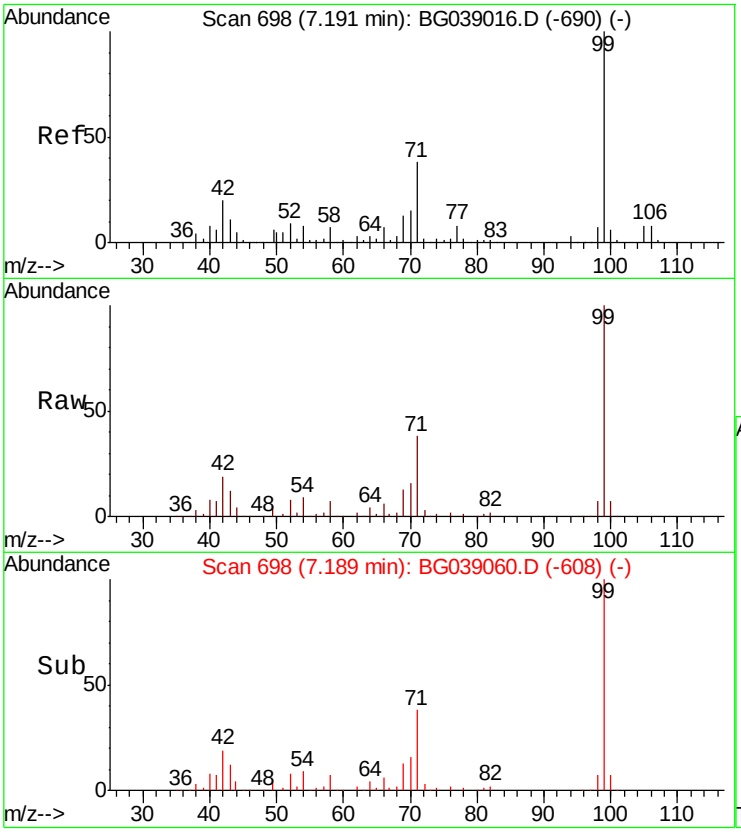


#5
2-Fluorophenol
Concen: 120.922 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Tgt Ion:112 Resp: 133493

Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.0	70.6
63	36.9	28.0	42.0



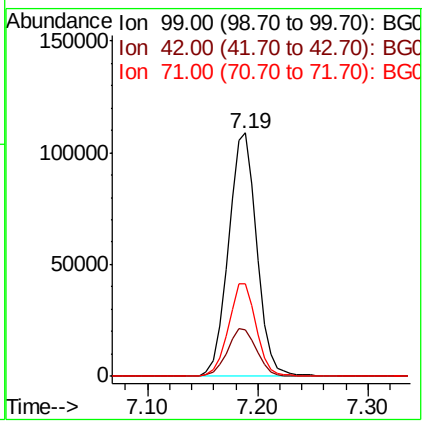


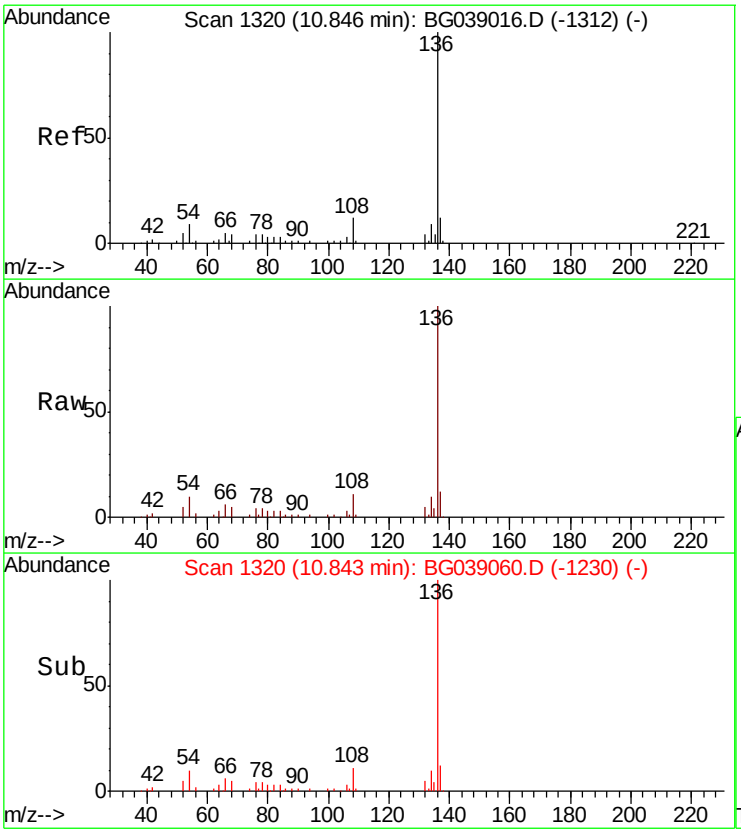
#7
Phenol-d6
Concen: 123.085 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion: 99 Resp: 195551

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	38.0	30.2	45.4

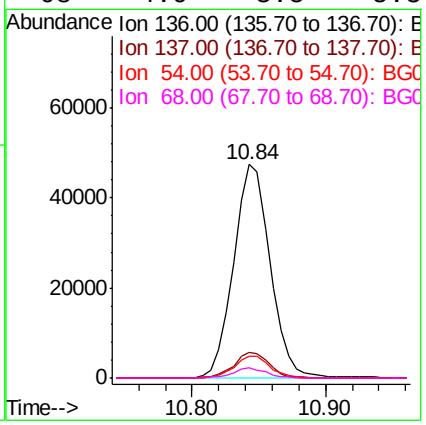


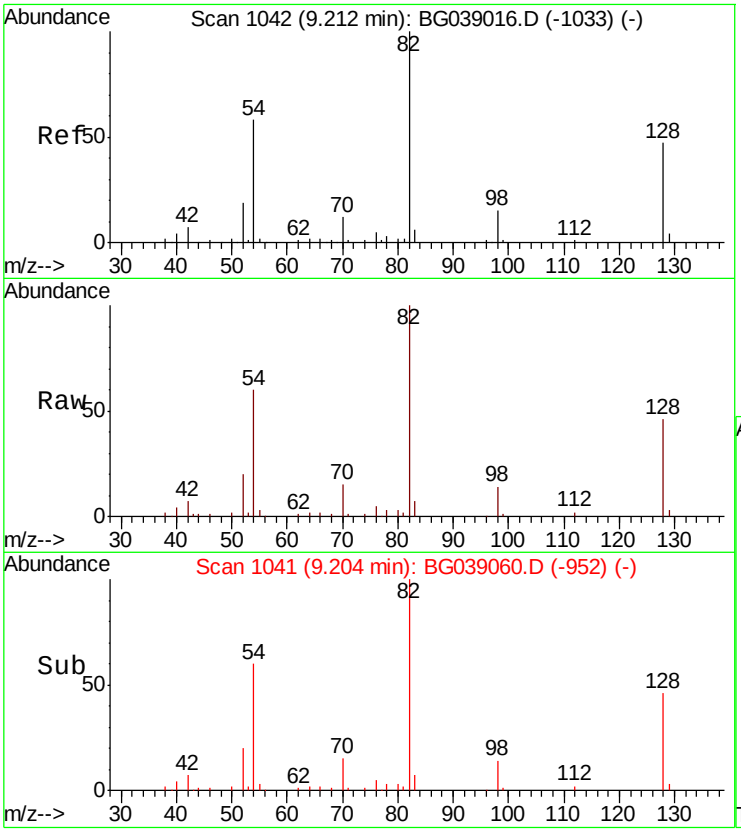


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Tgt Ion:136 Resp: 89799

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	10.2	7.2	10.8
68	4.9	3.5	5.3

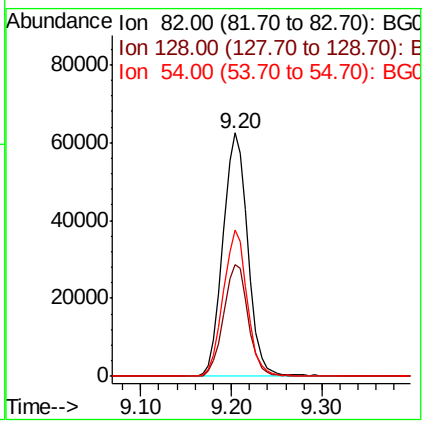




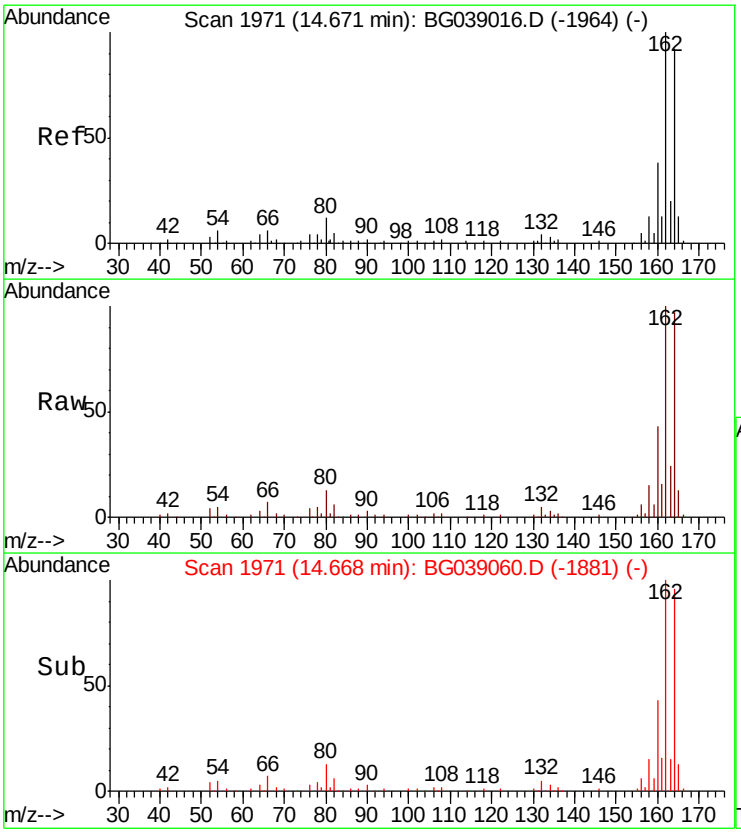
#23
Nitrobenzene-d5
Concen: 72.220 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Tgt Ion: 82 Resp: 118518

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.3	55.9
54	60.4	46.4	69.6



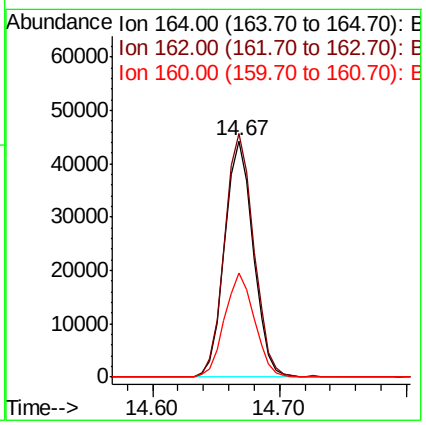
Instrument :
BNA_G
ClientSampleId :
MH-444-C

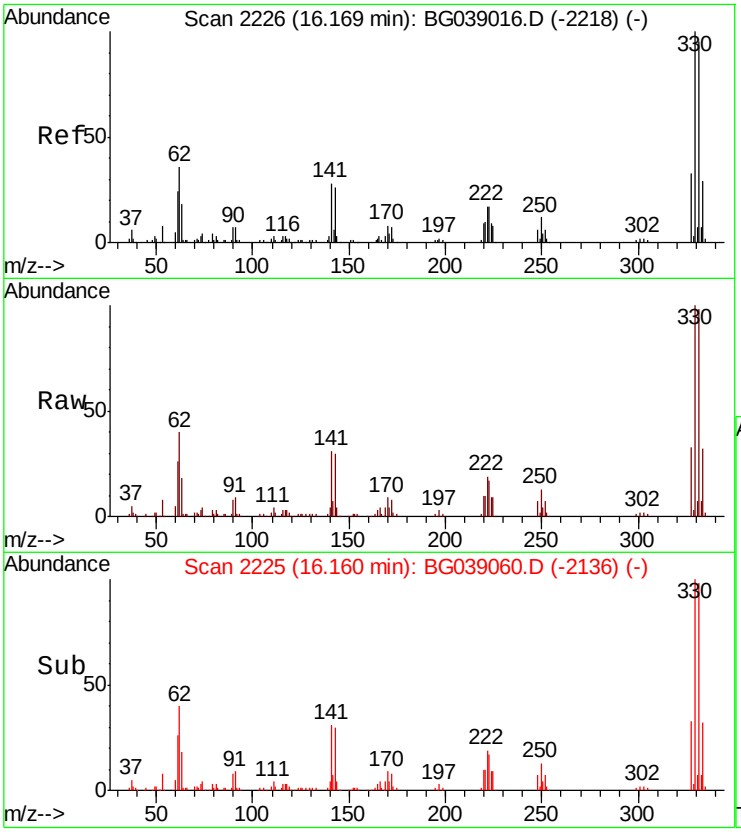


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Tgt Ion:164 Resp: 68925

Ion	Ratio	Lower	Upper
164	100		
162	103.0	87.2	130.8
160	44.2	33.3	49.9



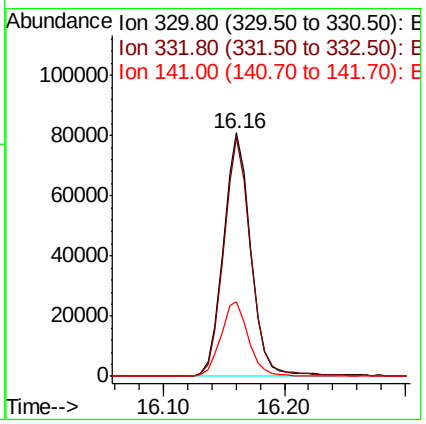


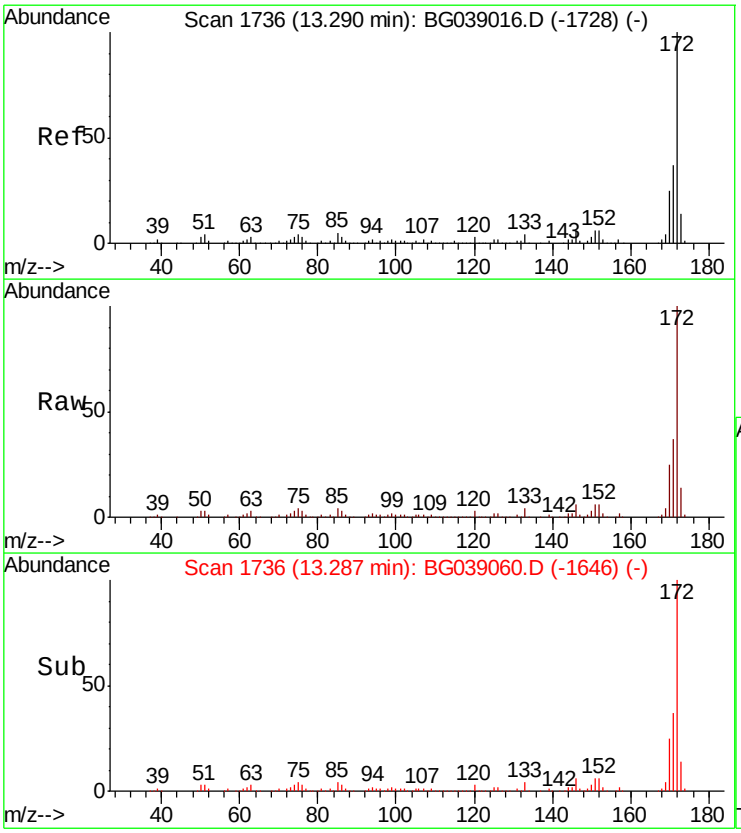
#42
2,4,6-Tribromophenol
Concen: 109.877 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion:330 Resp: 126949

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	30.7	24.9	37.3

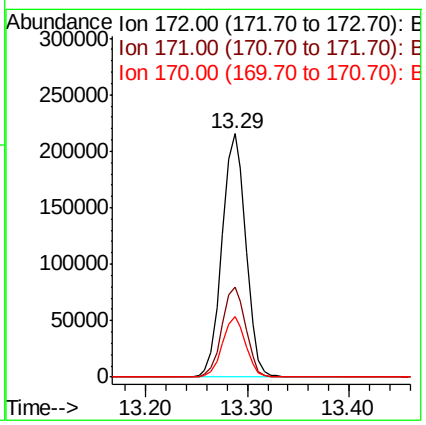


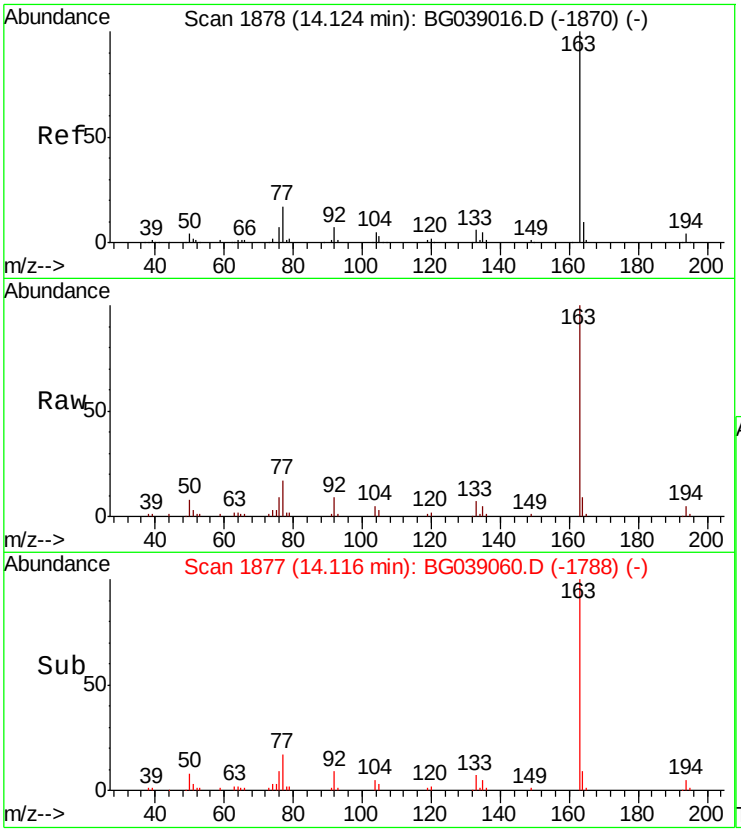


#45
2-Fluorobiphenyl
Concen: 69.536 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Tgt Ion:172 Resp: 350205

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.8	20.1	30.1



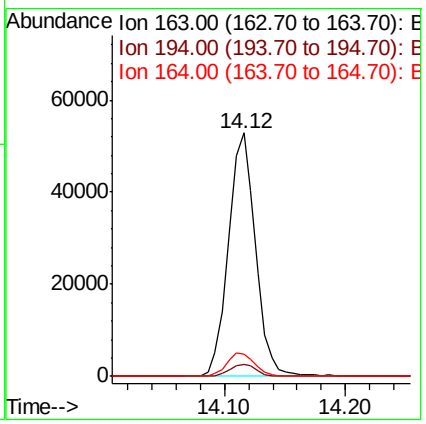


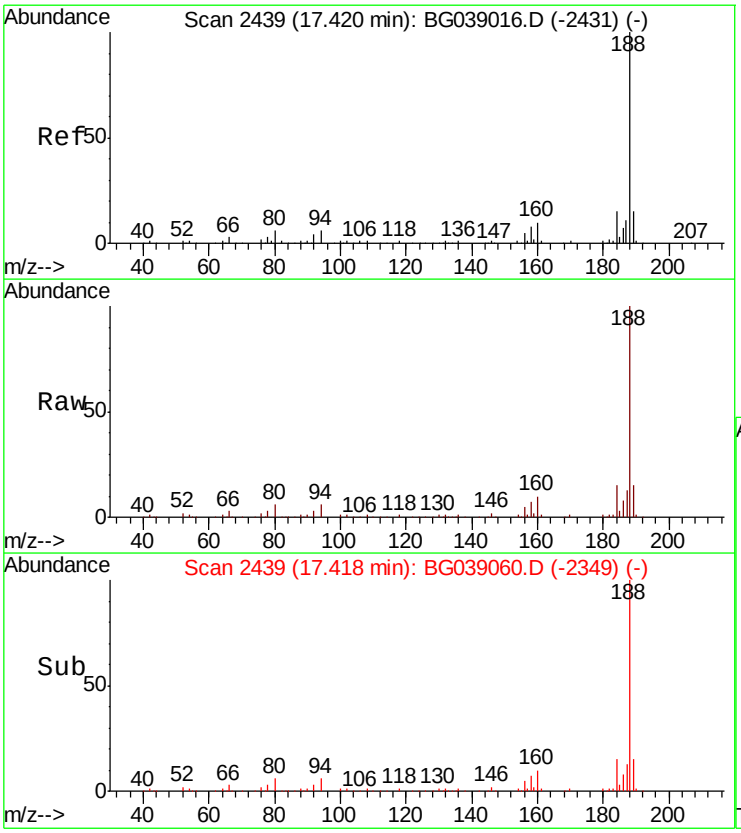
#50
Dimethylphthalate
Concen: 14.143 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion:163 Resp: 82373

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	8.9	8.2	12.2

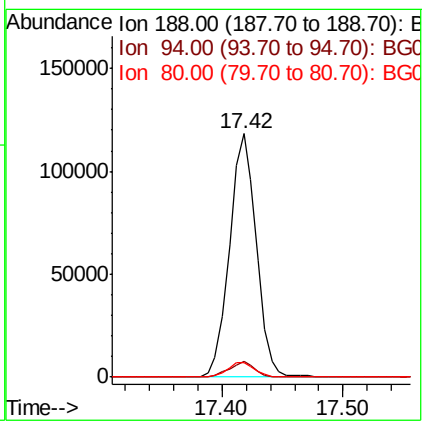


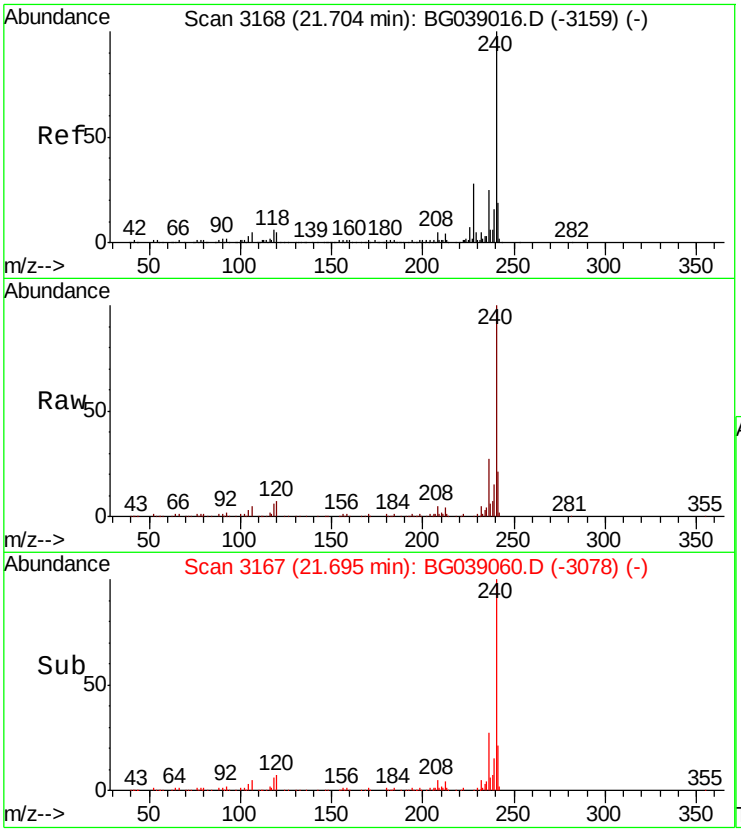


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Tgt Ion:188 Resp: 182418

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.0	7.4
80	6.2	4.7	7.1



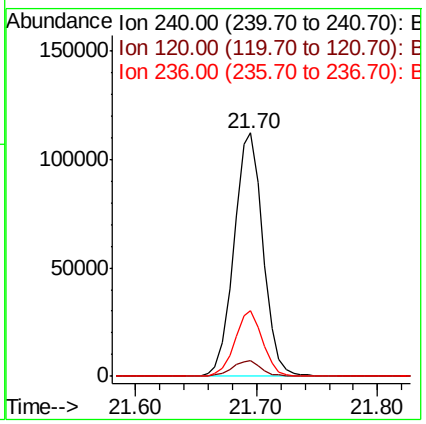


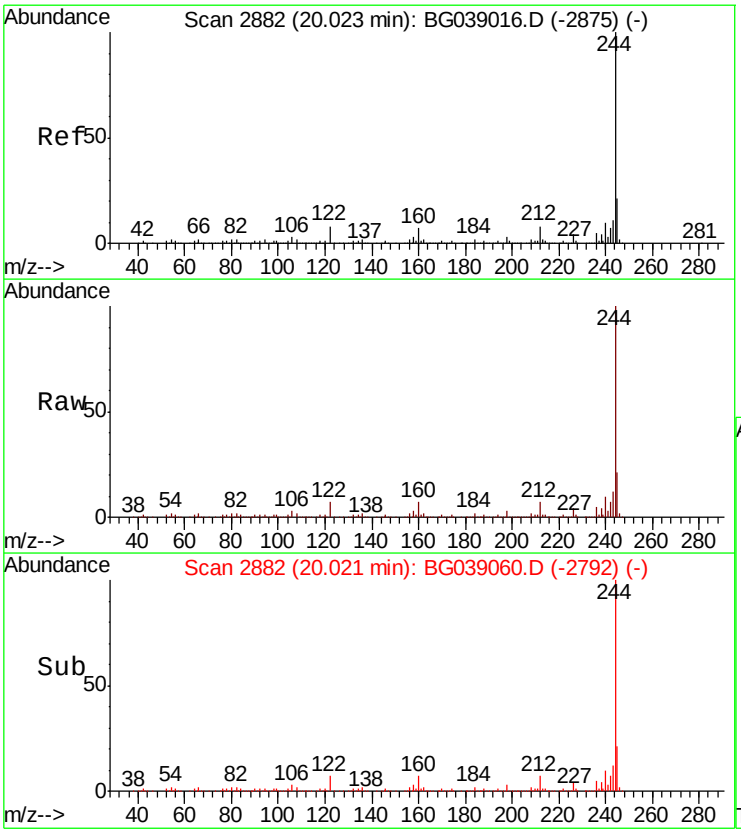
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion:240 Resp: 187364

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.3	6.5#
236	26.8	20.1	30.1

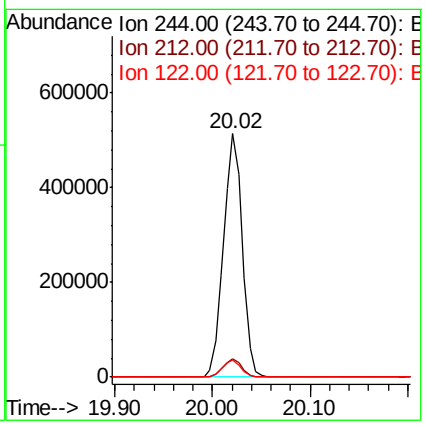


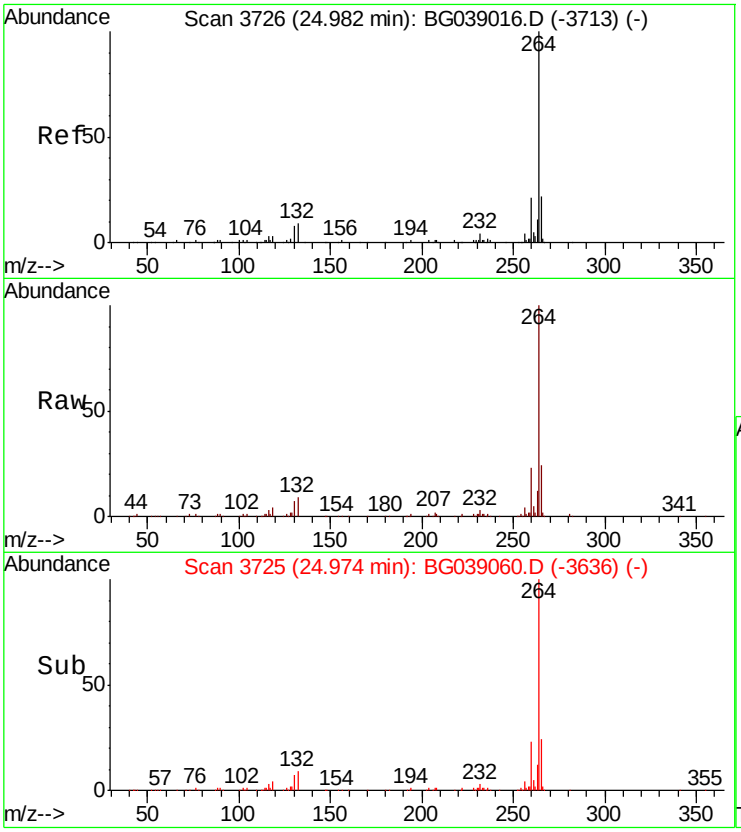


#79
Terphenyl-d14
Concen: 67.487 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039060.D
Acq: 10 Jan 2019 19:59

Tgt Ion:244 Resp: 683532

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.9	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: BG039060.D
Acq: 10 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
MH-444-C

Tgt Ion:264 Resp: 200604

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.0	25.6
265	23.5	17.2	25.8