Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039404.D
Acq On : 8 Feb 2019 6:08
Operator : JU/SJ
Sample : K1389-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-5S

Quant Time: Feb 09 00:53:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	52050	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	225441	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	146626	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	355209	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	391396	20.00	ng	-0.01
87) Perylene-d12	25.22	264	365104	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	451217	148.37	ng	0.00
7) Phenol-d6	7.31	99	590117	131.82	ng	0.00
23) Nitrobenzene-d5	9.36	82	420312	116.47	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	212701	134.71	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	979965	95.88	ng	0.00
79) Terphenyl-d14	20.14	244	1628720	88.08	ng	-0.01
Target Compounds						Qvalue

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

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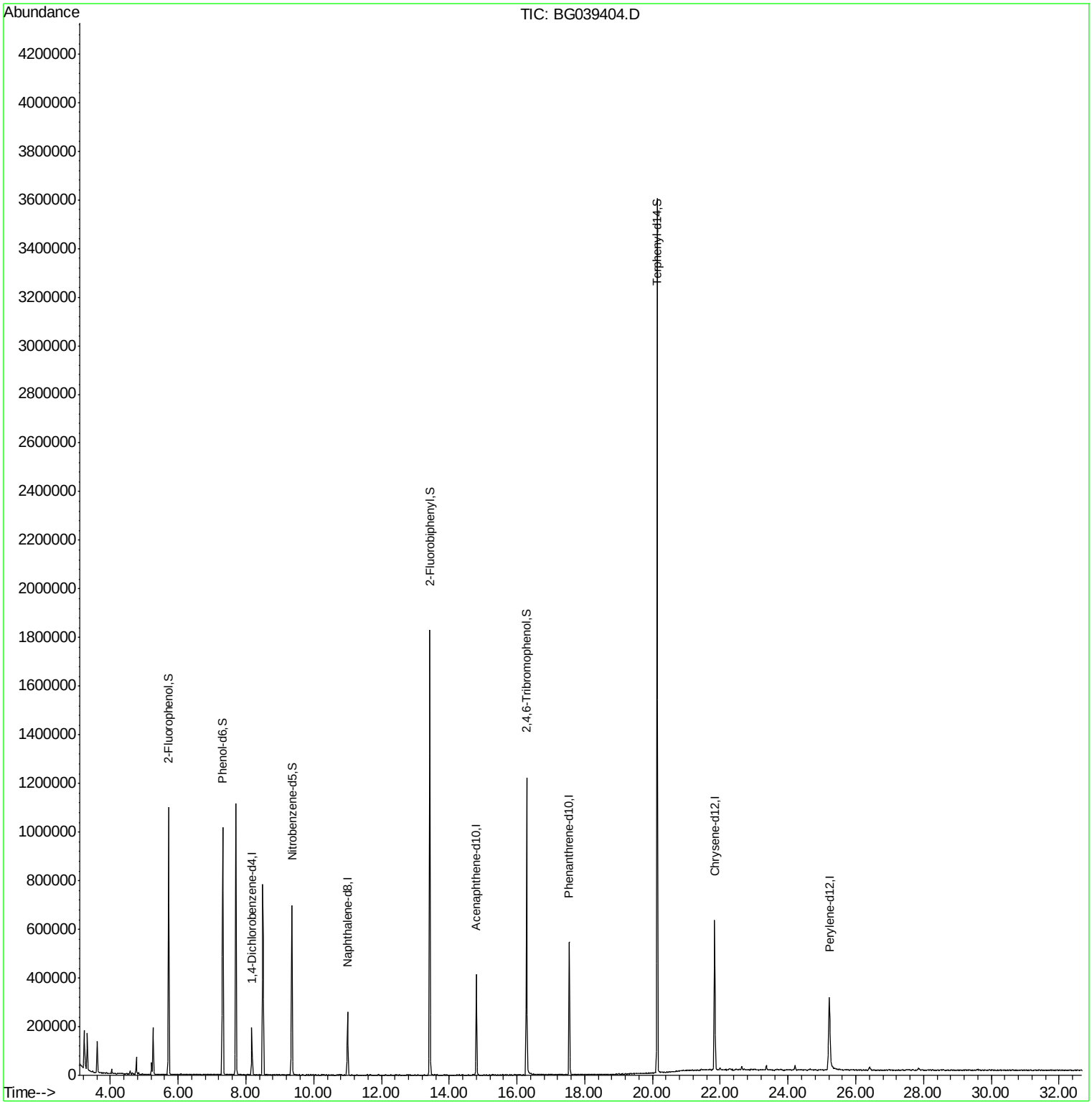
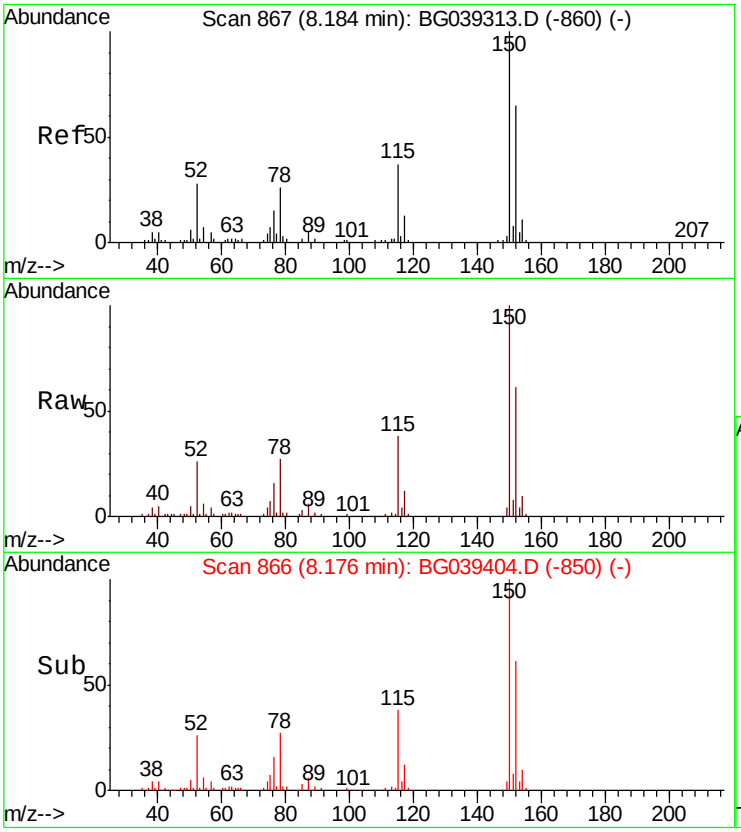


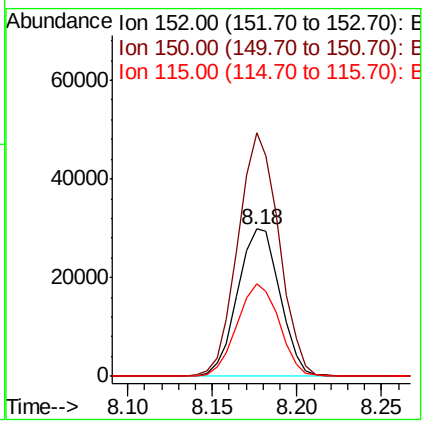


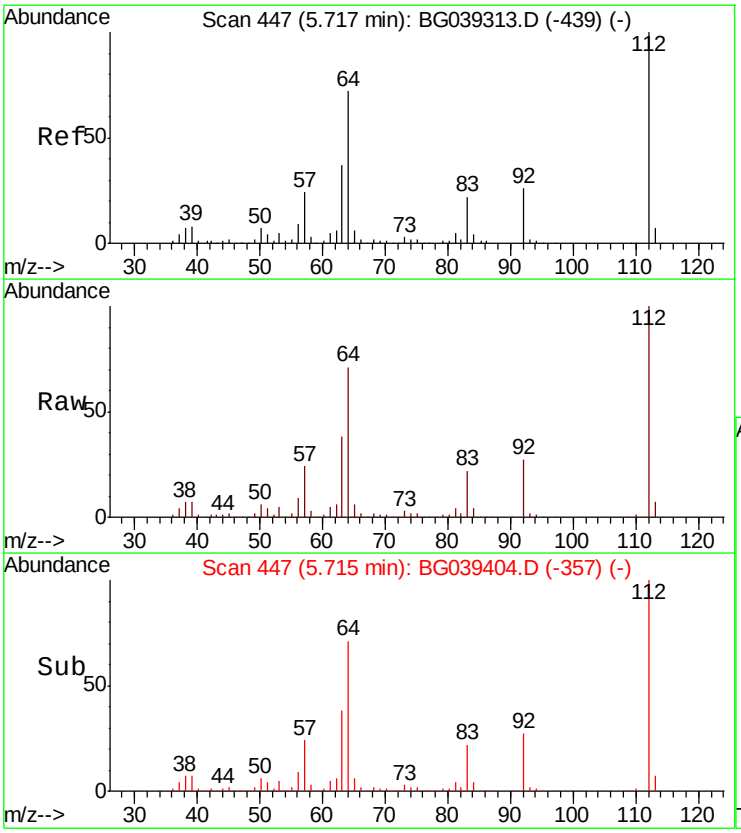
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Instrument :
BNA_G
ClientSampleId :
M-5S

Tgt Ion:152 Resp: 52050

Ion	Ratio	Lower	Upper
152	100		
150	165.0	123.7	185.5
115	63.1	45.9	68.9

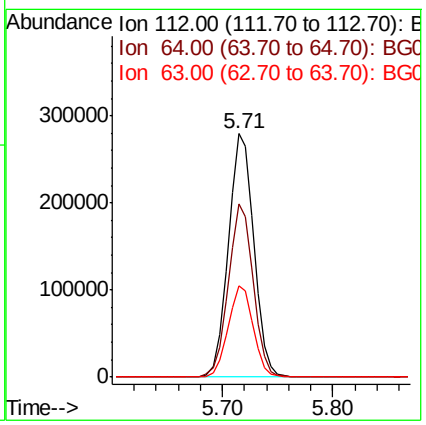


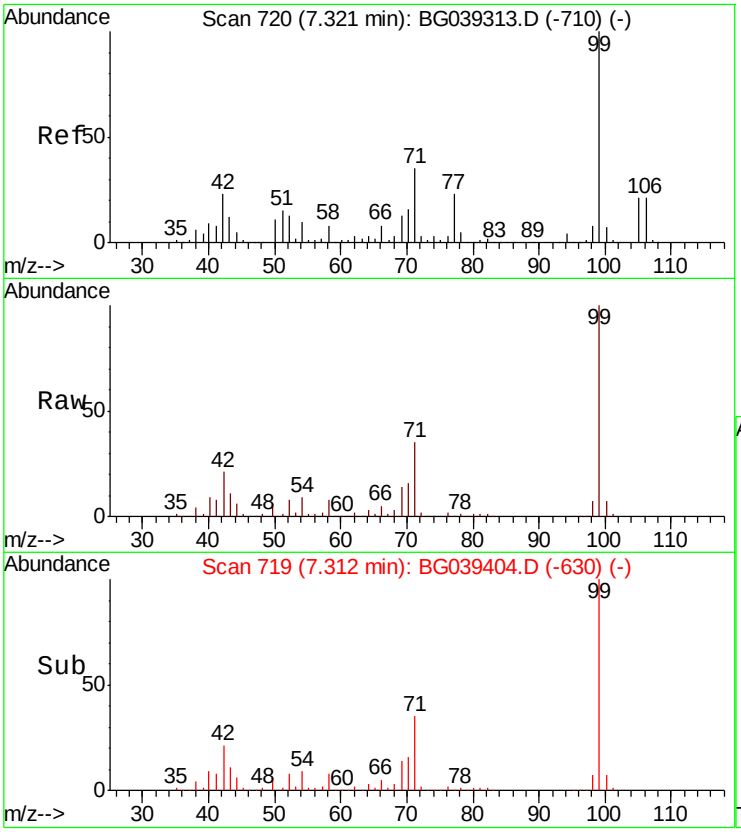


#5
2-Fluorophenol
Concen: 148.369 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Tgt Ion:112 Resp: 451217

Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.8	86.8
63	37.6	29.8	44.6



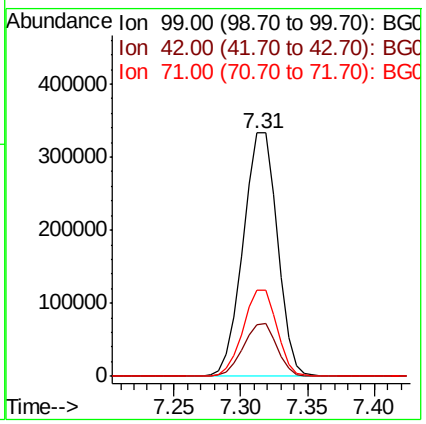


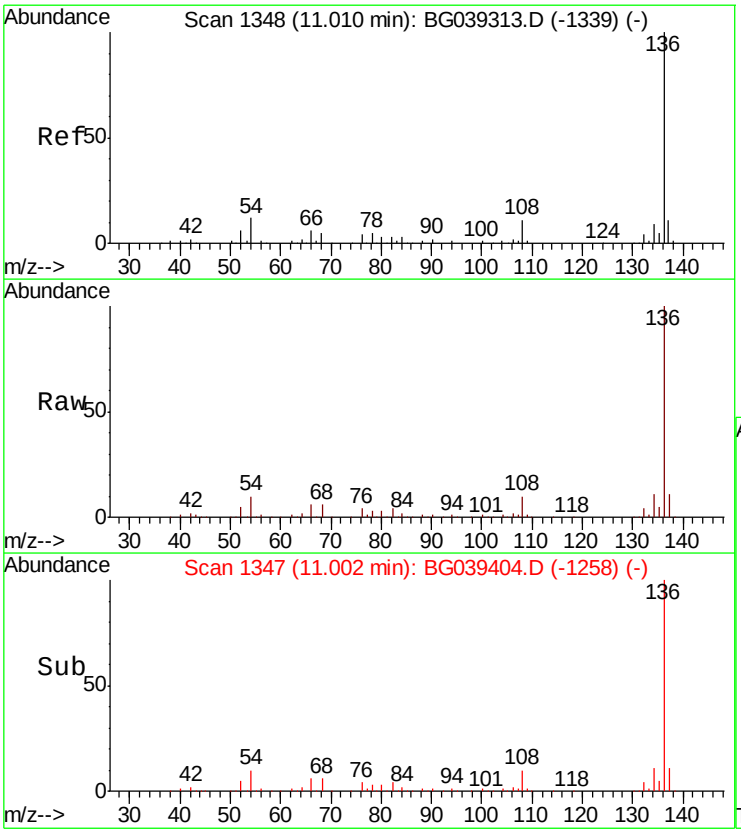
#7
Phenol-d6
Concen: 131.825 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Instrument :
BNA_G
ClientSampleId :
M-5S

Tgt Ion: 99 Resp: 590117

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.2	27.2
71	35.2	28.0	42.0

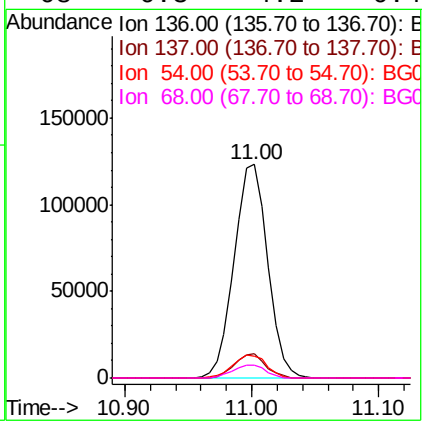


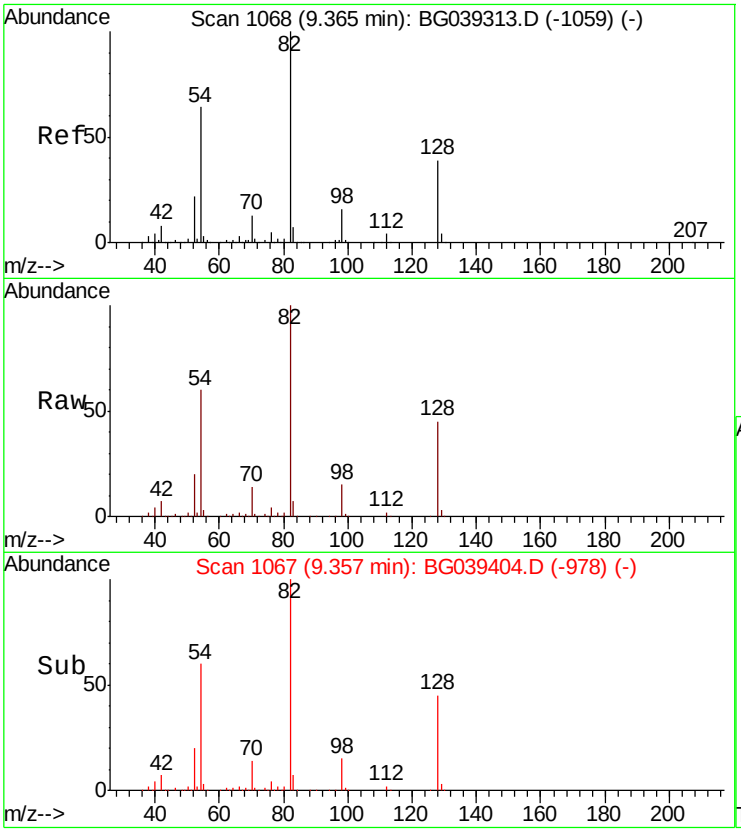


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Tgt Ion:136 Resp: 225441

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.5	9.4	14.2
68	6.3	4.2	6.4



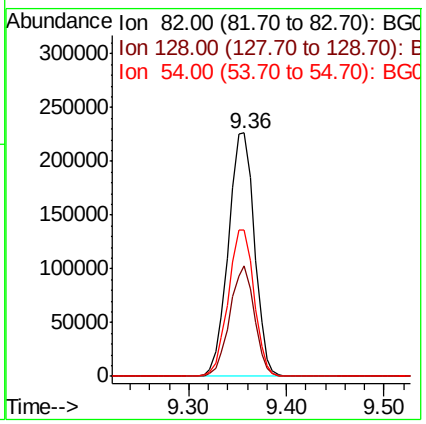


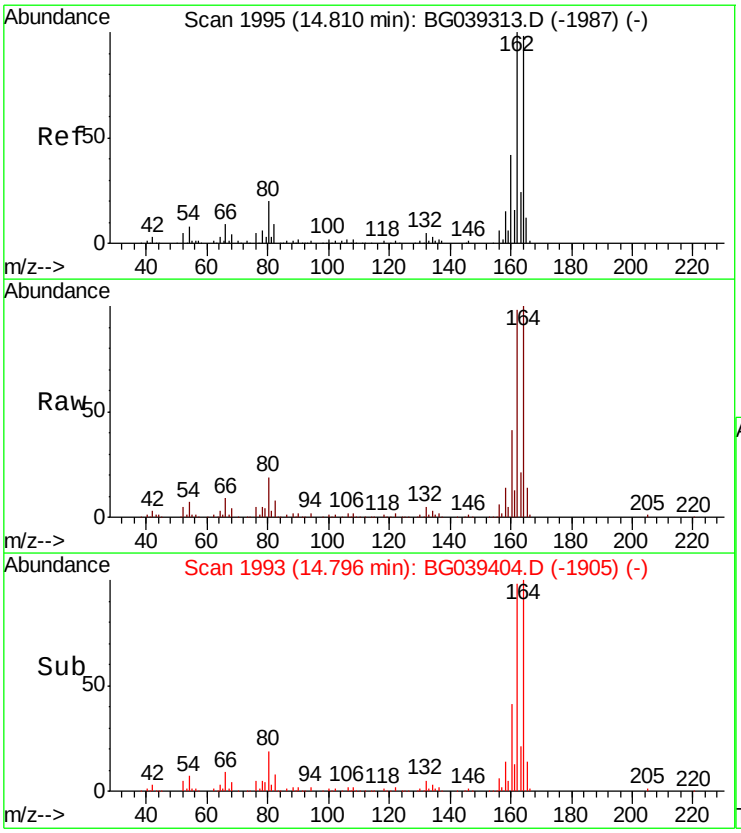
#23
Nitrobenzene-d5
Concen: 116.472 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Instrument :
BNA_G
ClientSampleId :
M-5S

Tgt Ion: 82 Resp: 420312

Ion	Ratio	Lower	Upper
82	100		
128	45.5	31.3	46.9
54	59.9	50.9	76.3

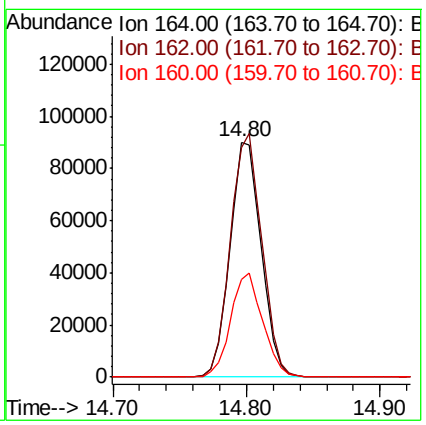


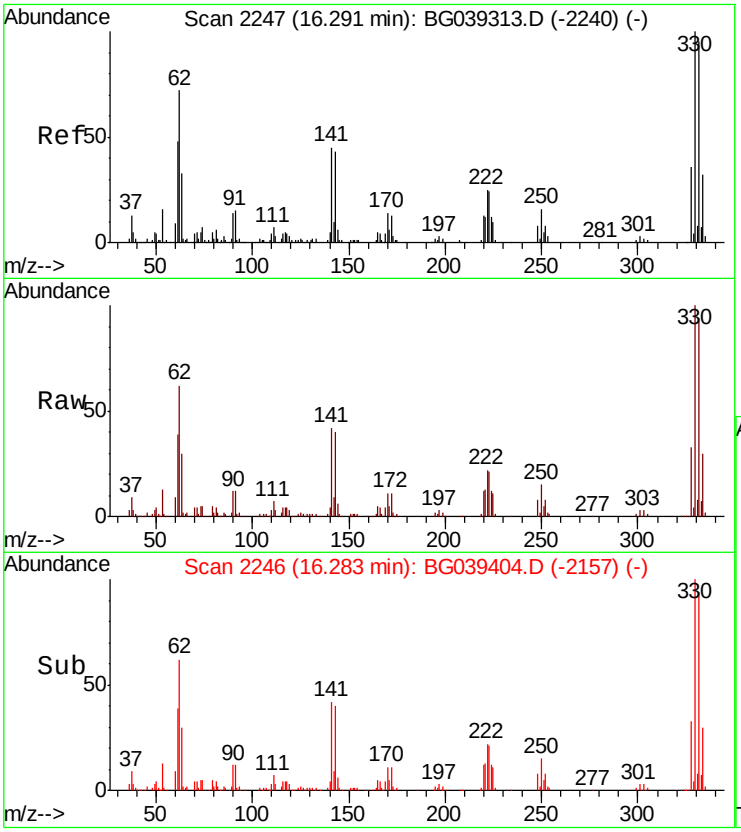


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Tgt Ion:164 Resp: 146626

Ion	Ratio	Lower	Upper
164	100		
162	98.0	81.6	122.4
160	41.4	34.2	51.2



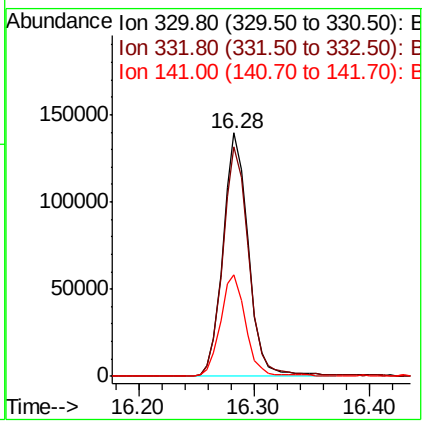


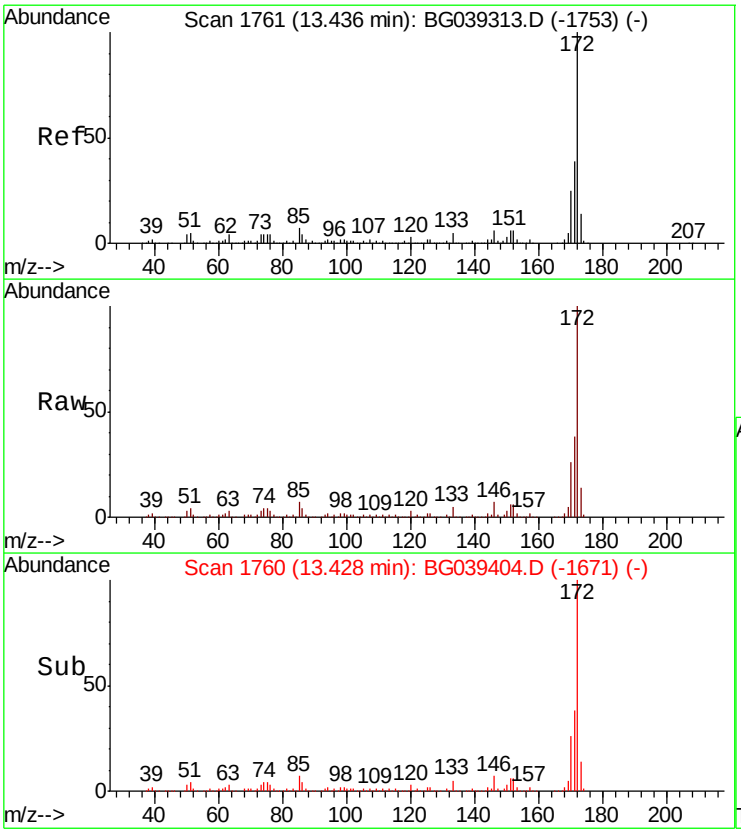
#42
2,4,6-Tribromophenol
Concen: 134.714 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Instrument :
BNA_G
ClientSampleId :
M-5S

Tgt Ion:330 Resp: 212701

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	41.5	35.6	53.4

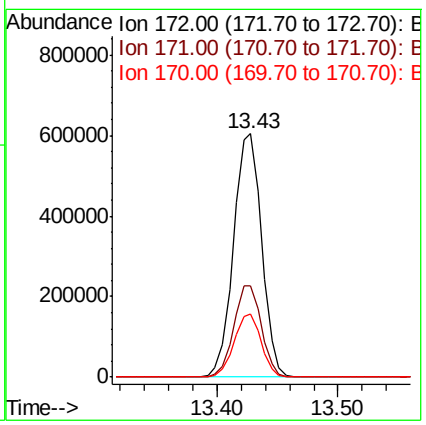


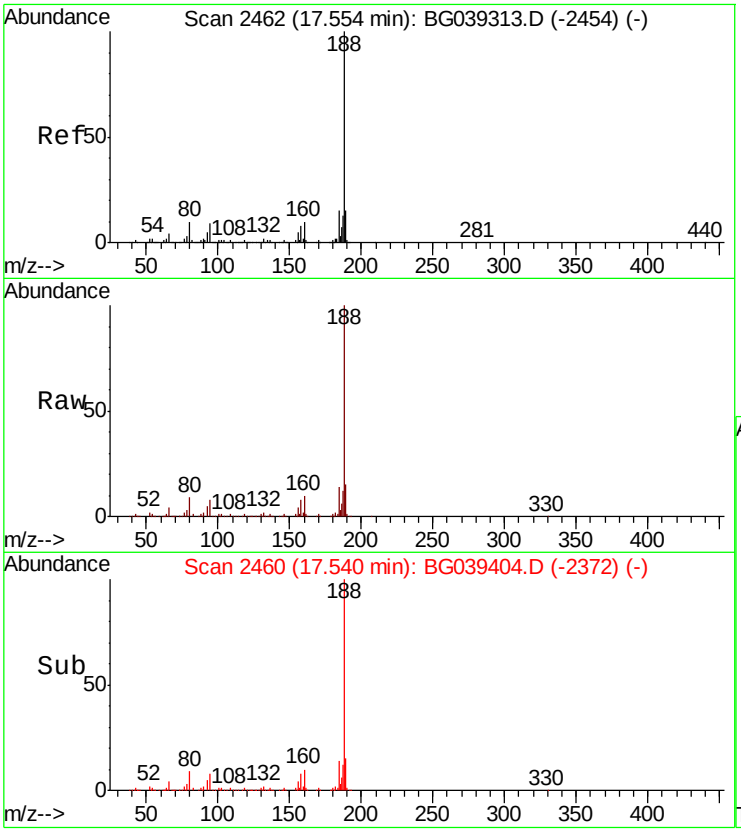


#45
2-Fluorobiphenyl
Concen: 95.877 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Tgt Ion:172 Resp: 979965

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.7	20.2	30.4



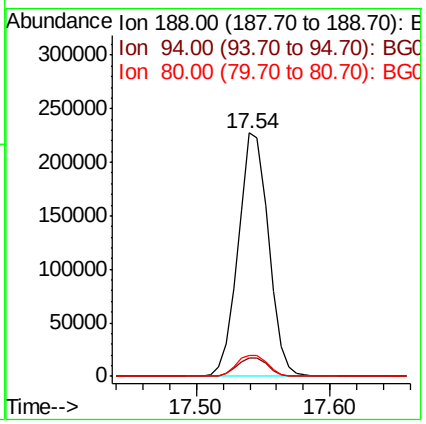


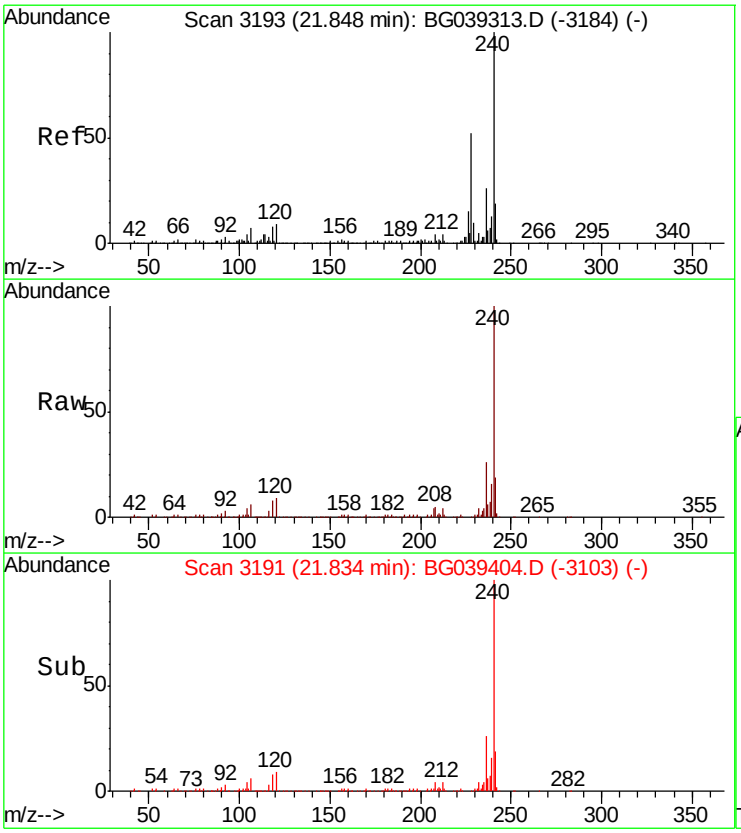
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Instrument :
BNA_G
ClientSampleId :
M-5S

Tgt Ion:188 Resp: 355209

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.8	8.1	12.1

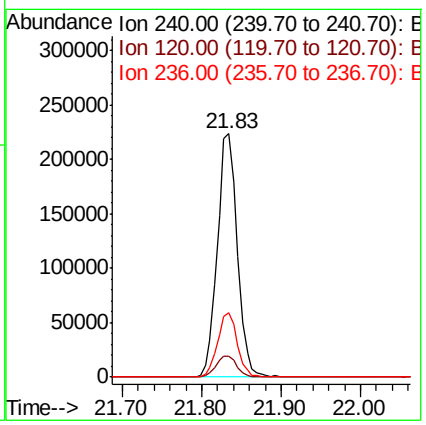


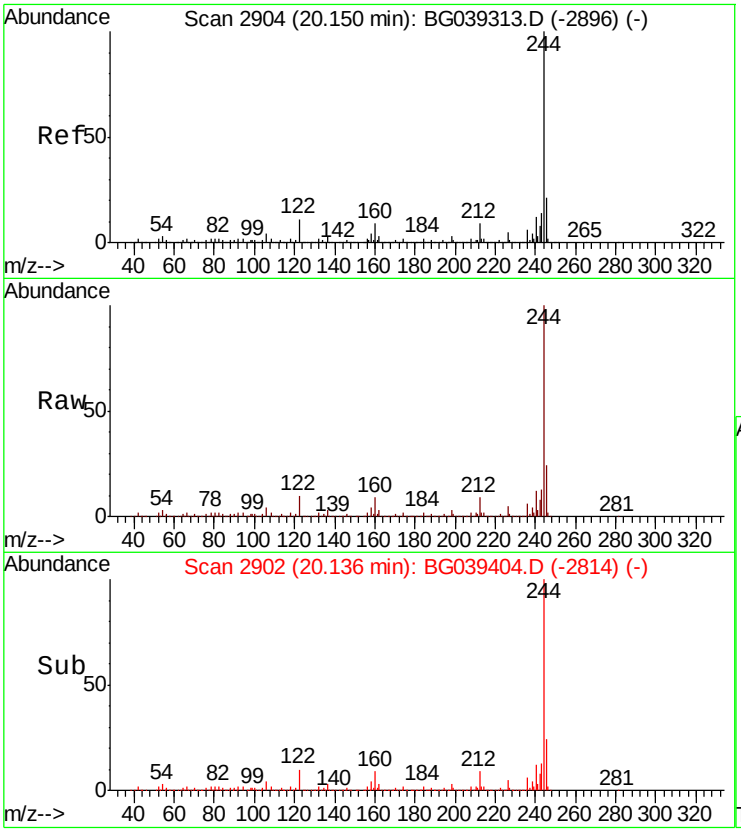


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Tgt Ion:240 Resp: 391396

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	26.3	21.0	31.4



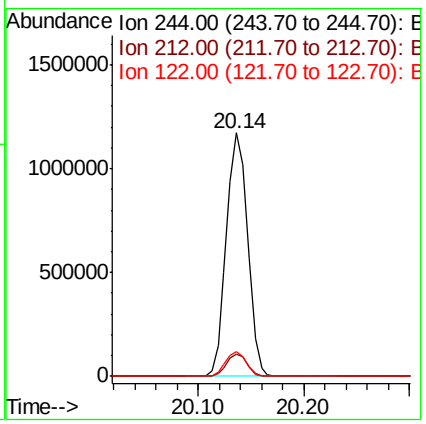


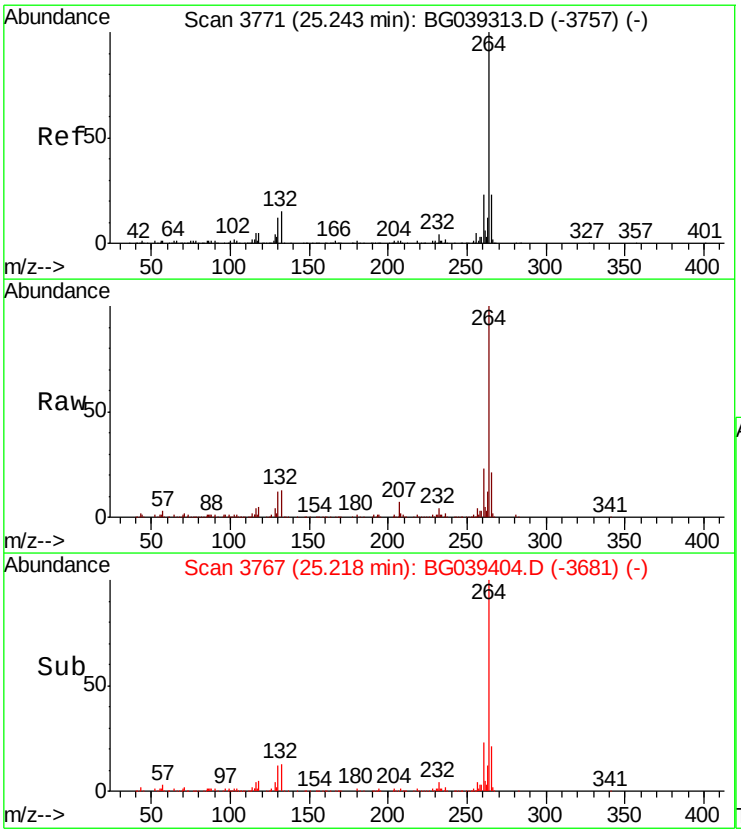
#79
Terphenyl-d14
Concen: 88.082 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Instrument :
BNA_G
ClientSampleId :
M-5S

Tgt Ion:244 Resp: 1628720

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	10.3	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039404.D
Acq: 8 Feb 2019 6:08

Tgt Ion:264 Resp: 365104

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.4	18.5	27.7