Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039403.D
Acq On : 8 Feb 2019 5:28
Operator : JU/SJ
Sample : K1389-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-6

Quant Time: Feb 09 00:51:13 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	52782	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	227228	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	149482	20.00	ng	-0.01
64) Phenanthrene-d10	17.55	188	353994	20.00	ng	0.00
76) Chrysene-d12	21.83	240	380600	20.00	ng	-0.01
87) Perylene-d12	25.22	264	361636	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	430893	139.72	ng	0.00
7) Phenol-d6	7.31	99	567000	124.90	ng	0.00
23) Nitrobenzene-d5	9.36	82	401044	110.26	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	204604	127.11	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	941004	90.31	ng	0.00
79) Terphenyl-d14	20.14	244	1557487	86.62	ng	-0.01
Target Compounds						Qvalue

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

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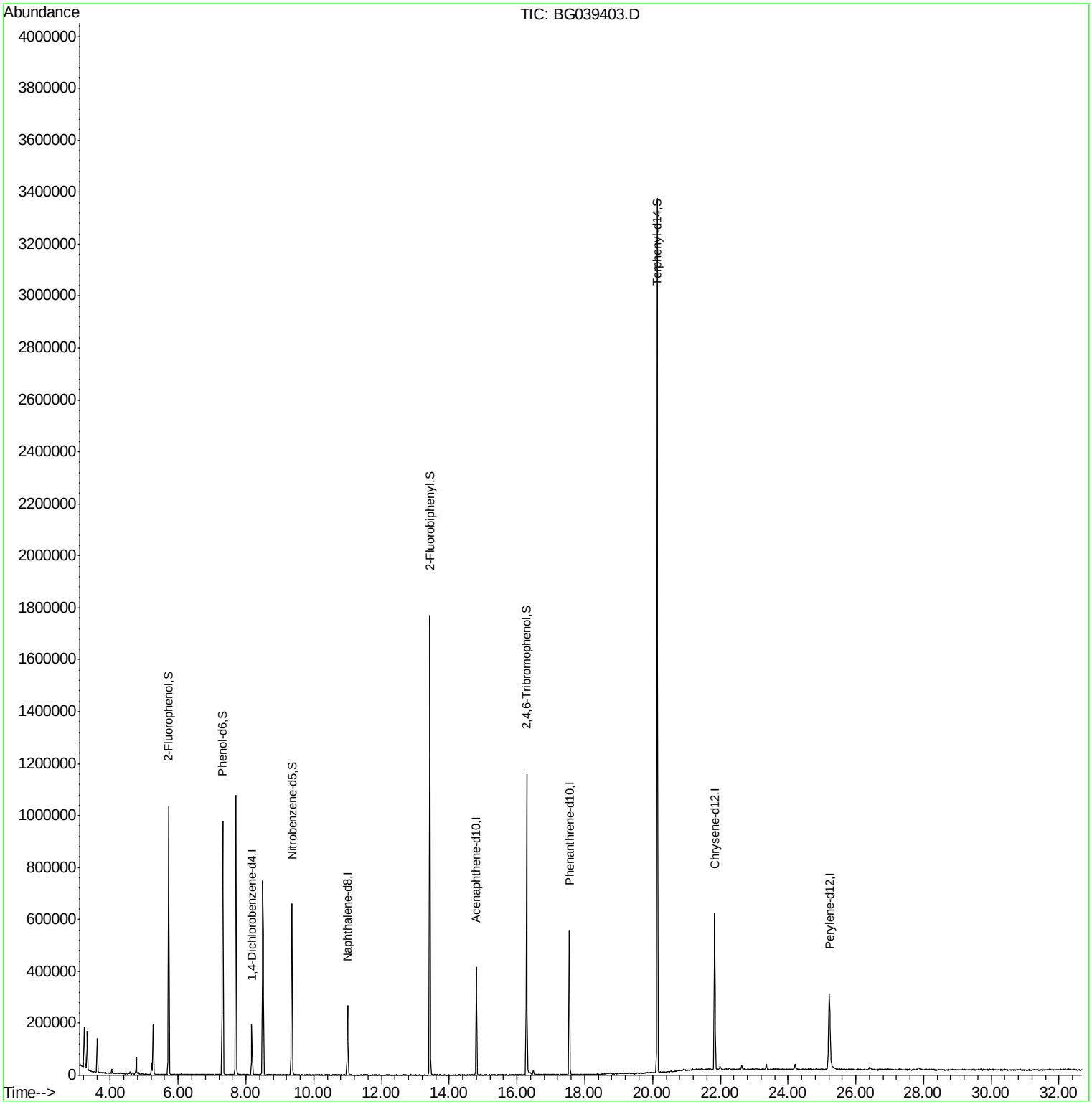
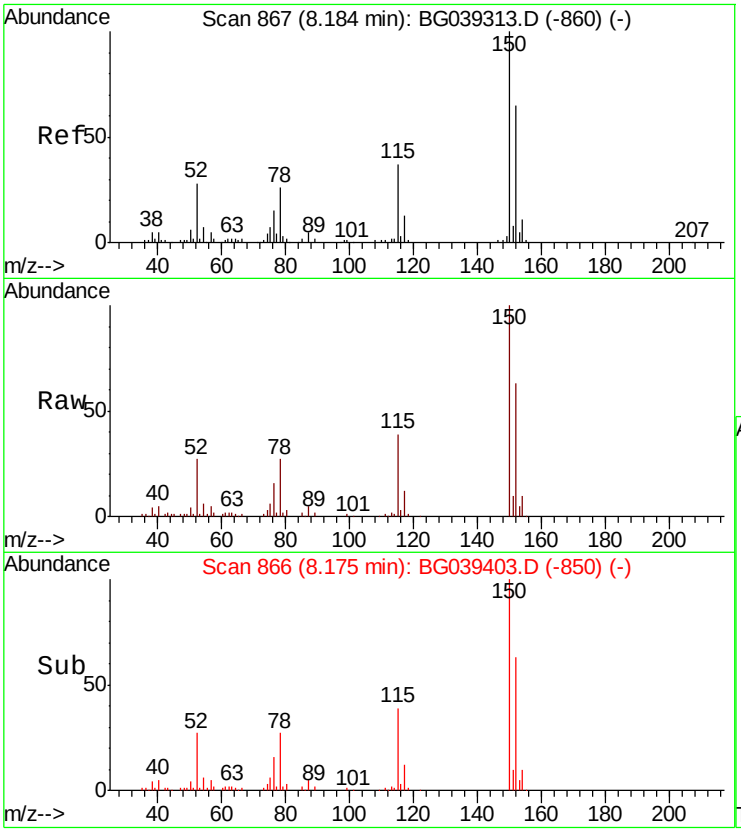


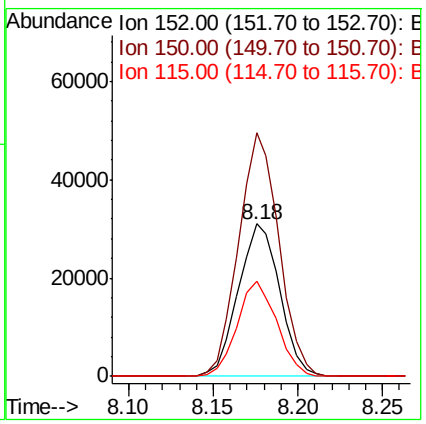


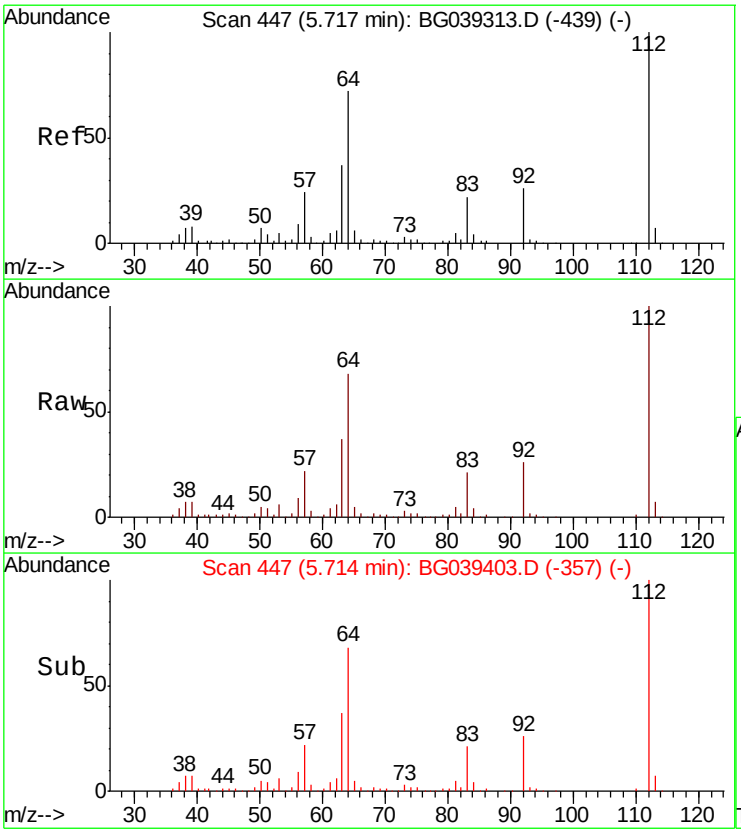
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Instrument :
BNA_G
ClientSampleId :
M-6

Tgt Ion:152 Resp: 52782

Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.7	185.5
115	62.2	45.9	68.9

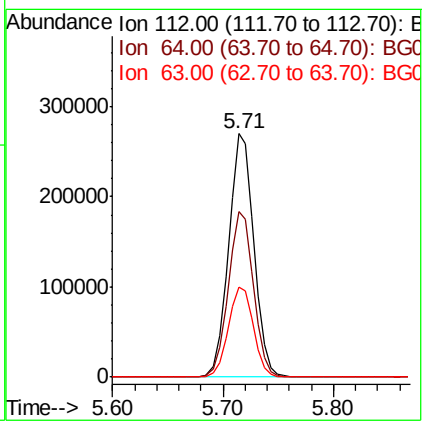


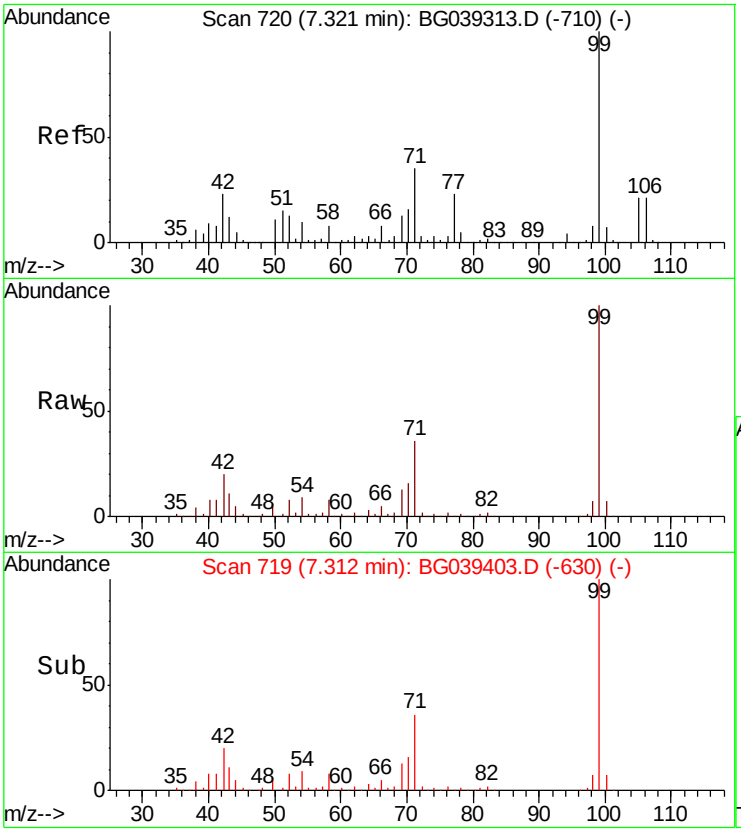


#5
2-Fluorophenol
Concen: 139.721 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Tgt Ion:112 Resp: 430893

Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.8	86.8
63	36.8	29.8	44.6



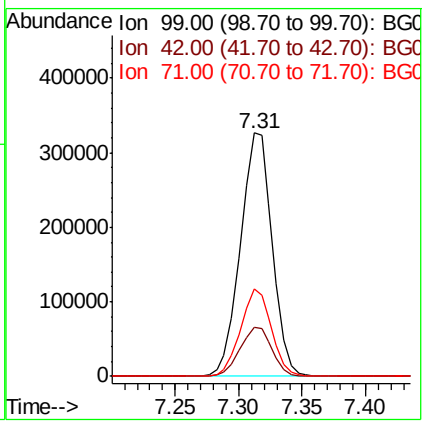


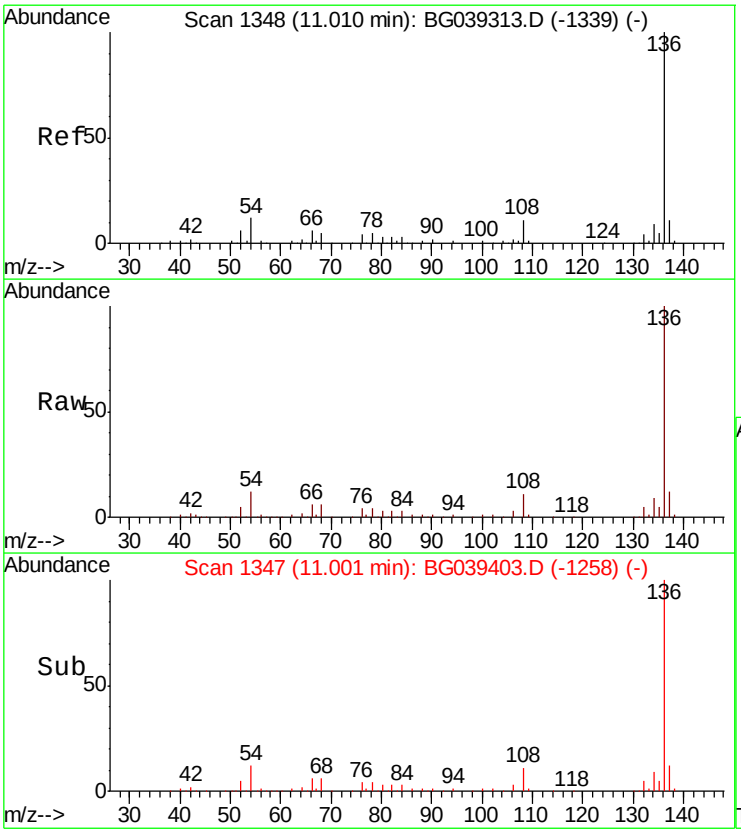
#7
Phenol-d6
Concen: 124.904 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Instrument :
BNA_G
ClientSampleId :
M-6

Tgt Ion: 99 Resp: 567000

Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.2	27.2
71	35.7	28.0	42.0

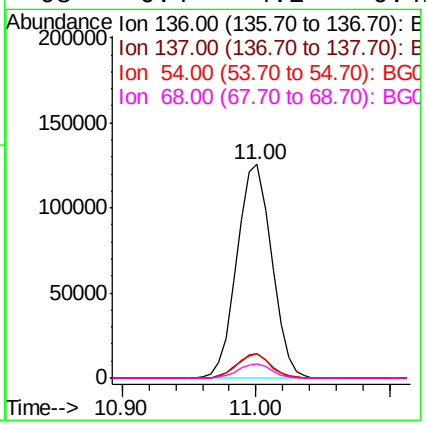


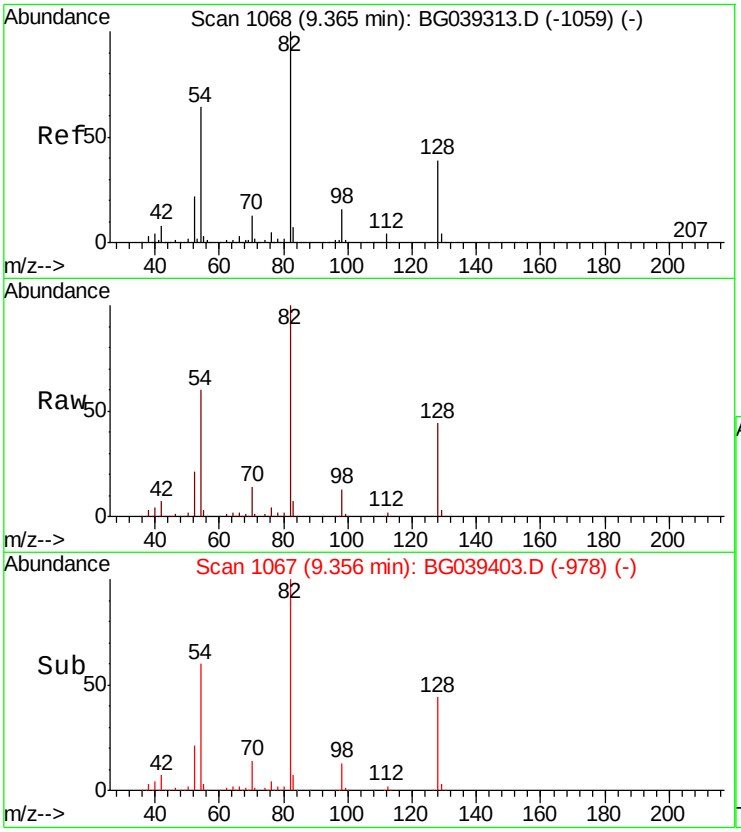


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Tgt Ion:136 Resp: 227228

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	11.6	9.4	14.2
68	6.4	4.2	6.4#



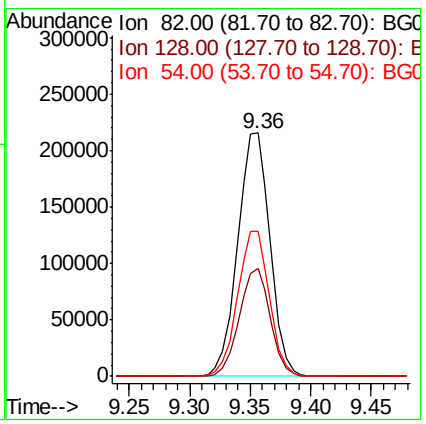


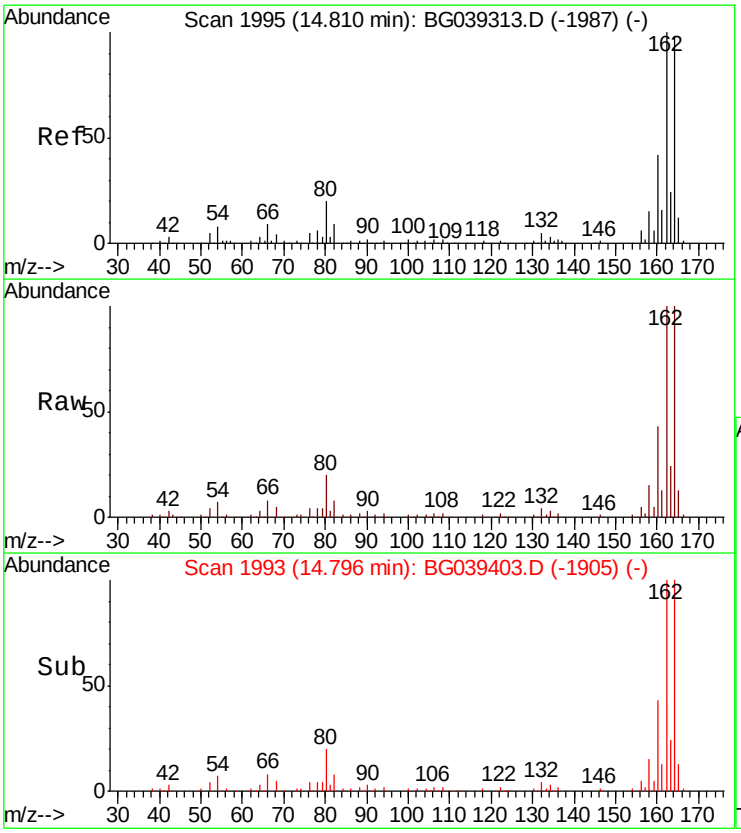
#23
Nitrobenzene-d5
Concen: 110.259 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Instrument :
BNA_G
ClientSampleId :
M-6

Tgt Ion: 82 Resp: 401044

Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	59.7	50.9	76.3

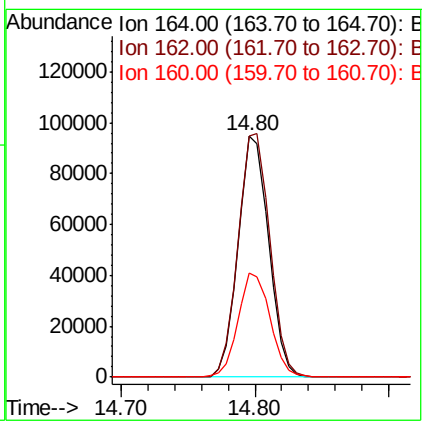


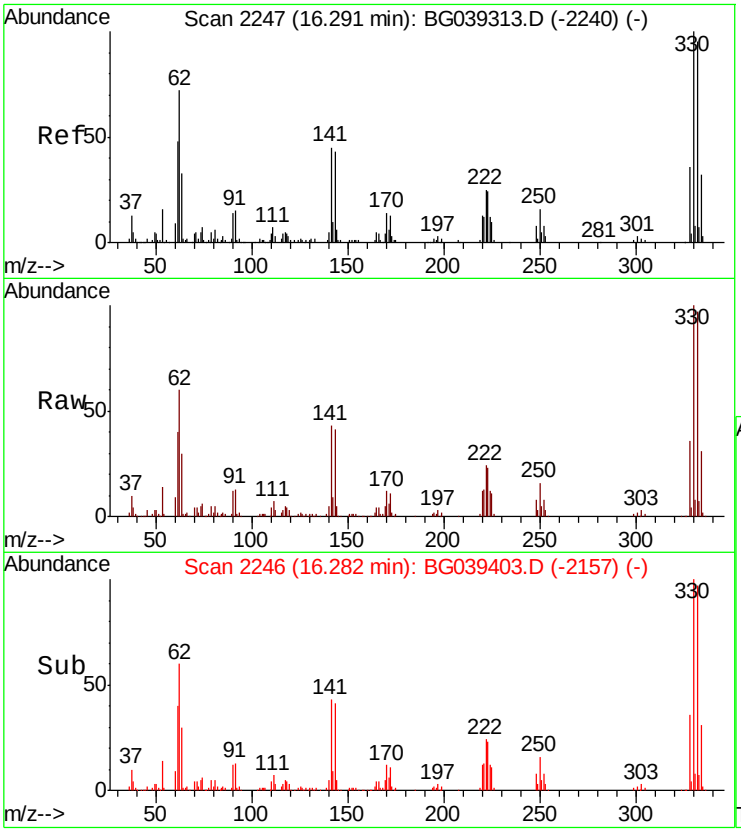


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Tgt Ion:164 Resp: 149482

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.6	122.4
160	42.9	34.2	51.2



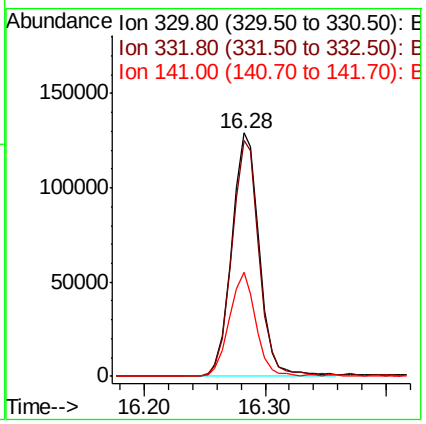


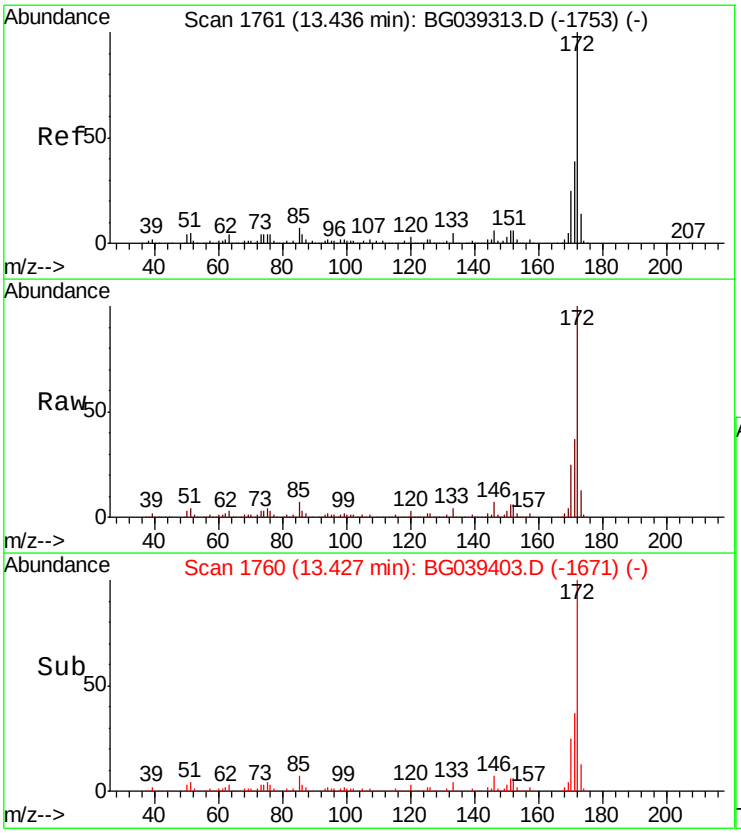
#42
2,4,6-Tribromophenol
Concen: 127.110 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Instrument :
BNA_G
ClientSampleId :
M-6

Tgt Ion:330 Resp: 204604

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	40.9	35.6	53.4

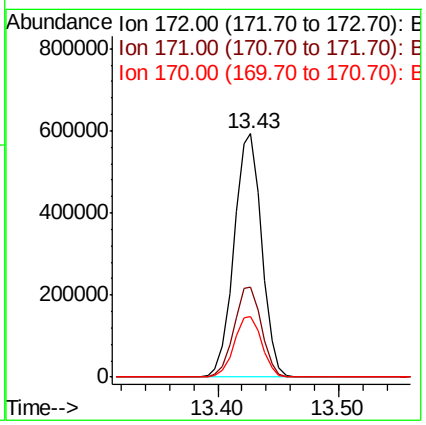


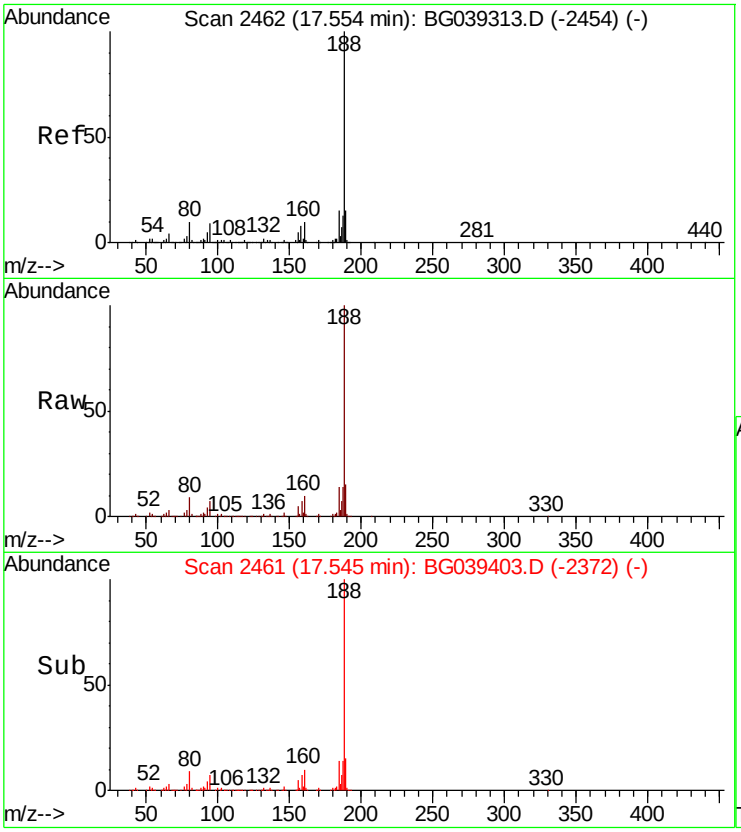


#45
2-Fluorobiphenyl
Concen: 90.306 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Tgt Ion:172 Resp: 941004

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.7	20.2	30.4



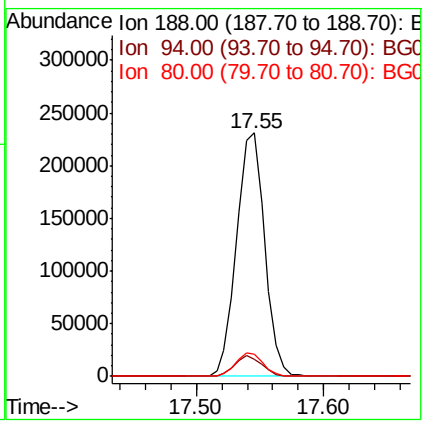


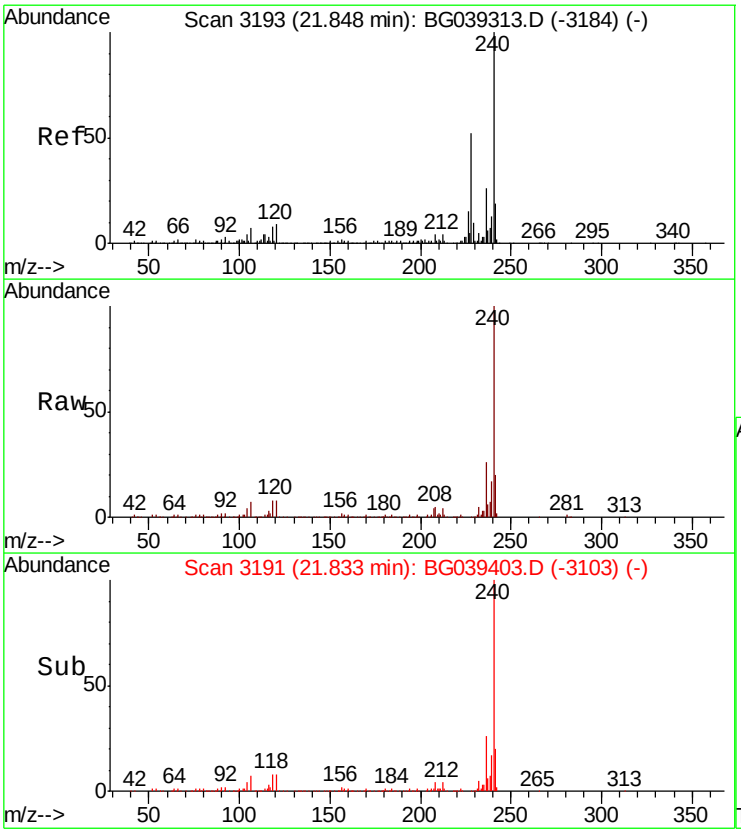
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Instrument :
BNA_G
ClientSampleId :
M-6

Tgt Ion:188 Resp: 353994

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	9.3	8.1	12.1

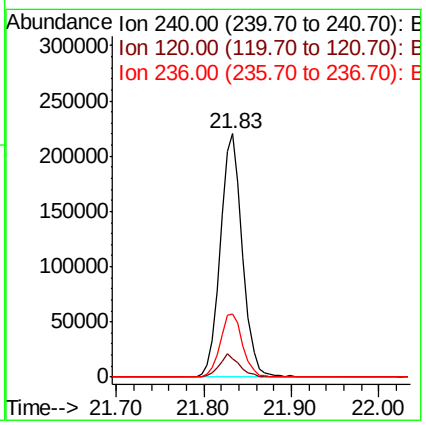


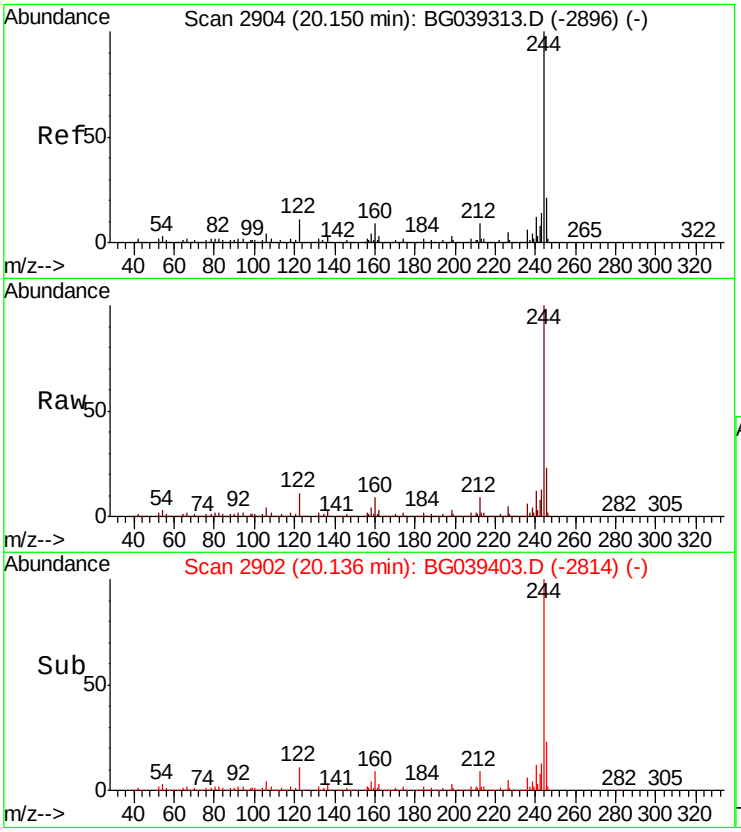


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Tgt Ion:240 Resp: 380600

Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.0	10.6
236	25.7	21.0	31.4



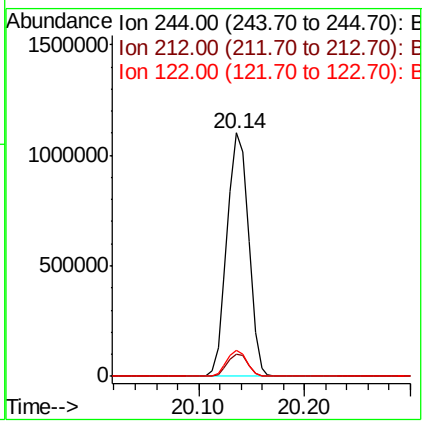


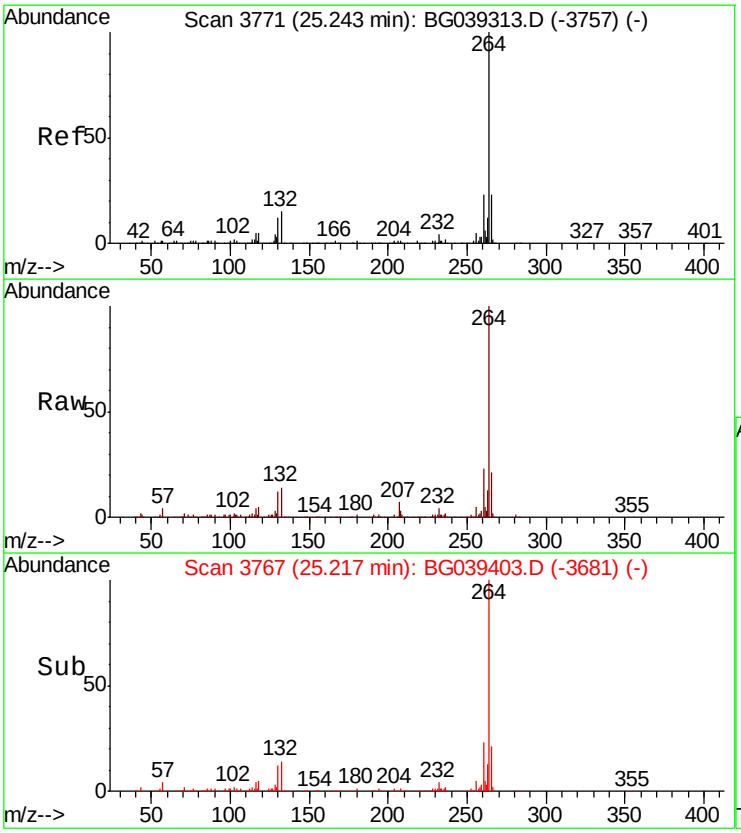
#79
Terphenyl-d14
Concen: 86.619 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039403.D
Acq: 8 Feb 2019 5:28

Instrument :
BNA_G
ClientSampleId :
M-6

Tgt Ion:244 Resp: 1557487

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.5	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: BG039403.D
Acq: 8 Feb 2019 5:28

Tgt Ion:264 Resp: 361636

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.3	18.5	27.7