Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035957.D
Acq On : 28 Jul 2018 4:28
Operator : JU/SJ
Sample : J4180-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 28 06:57:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32425	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	115430	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	88069	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	271402	20.00	ng	0.00
75) Chrysene-d12	21.66	240	304537	20.00	ng	0.00
86) Perylene-d12	24.86	264	275895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	248004	126.98	ng	0.00
7) Phenol-d6	7.19	99	330389	113.38	ng	0.00
23) Nitrobenzene-d5	9.19	82	269659	97.59	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	190740	164.32	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	669558	101.86	ng	0.00
78) Terphenyl-d14	20.00	244	1435819	103.93	ng	0.00
Target Compounds						Qvalue

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

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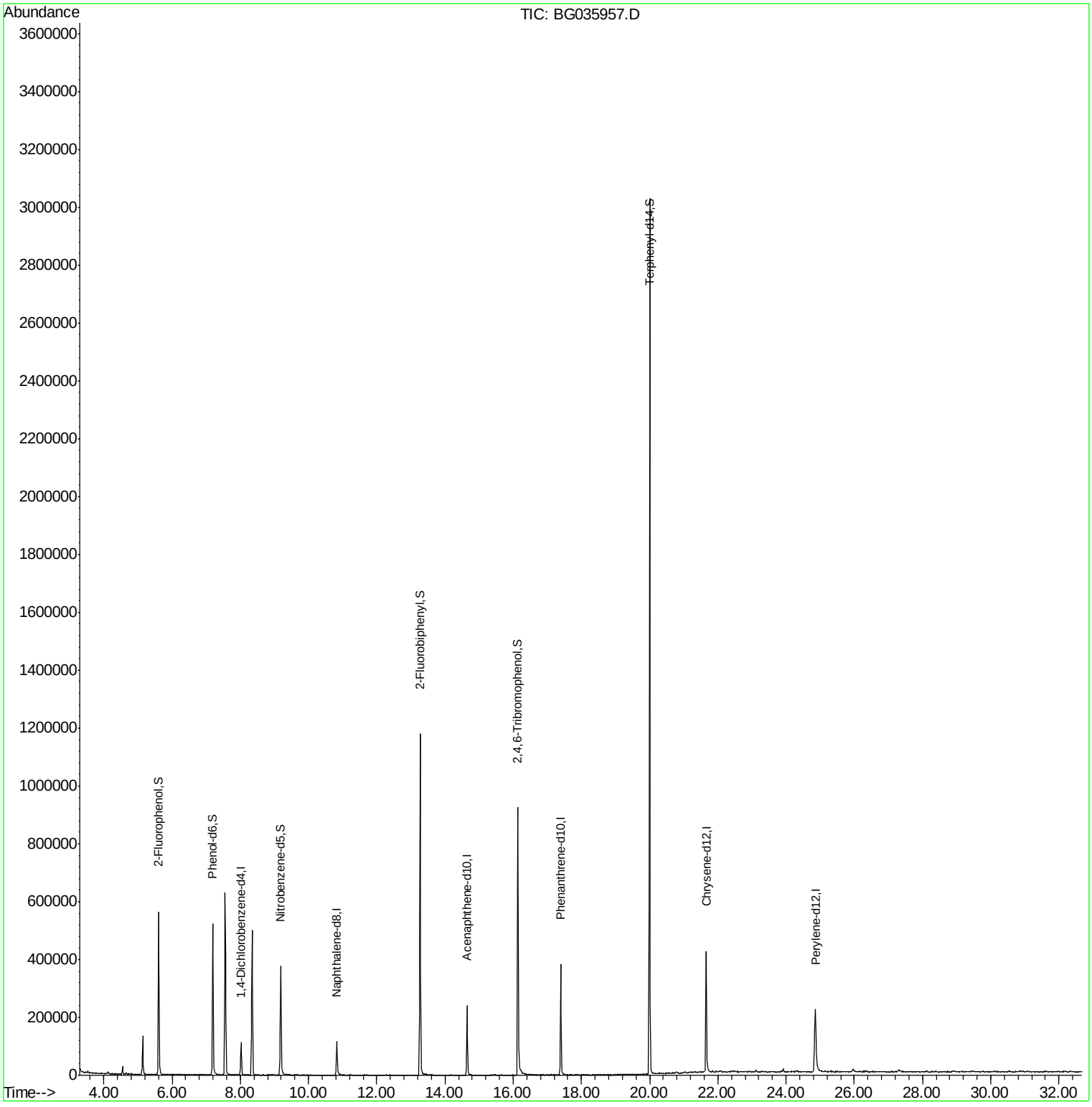
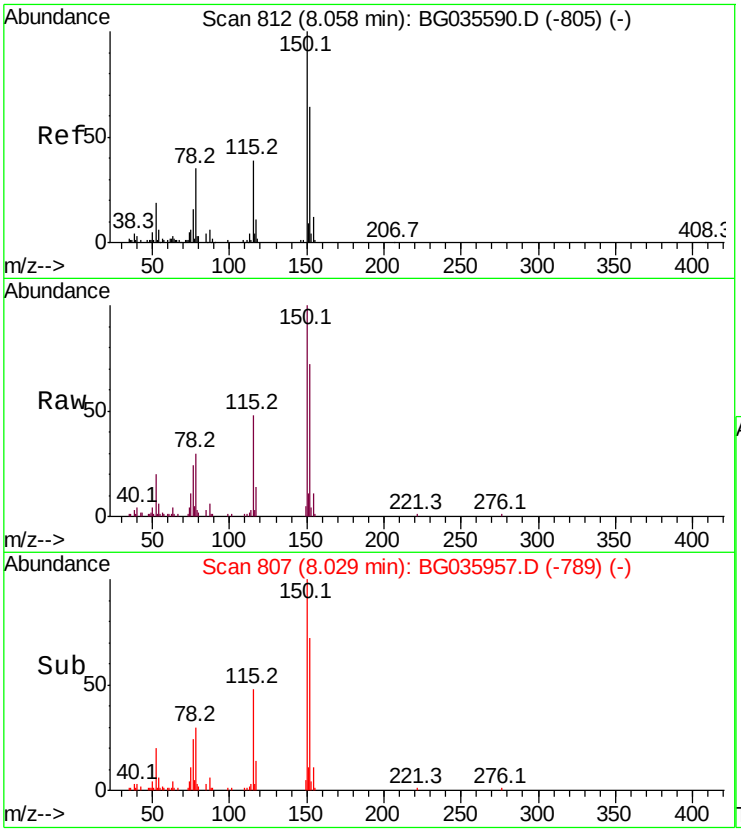
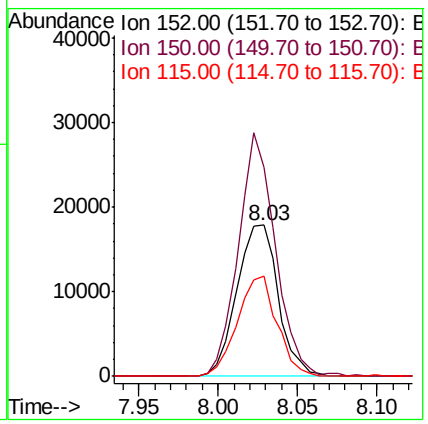


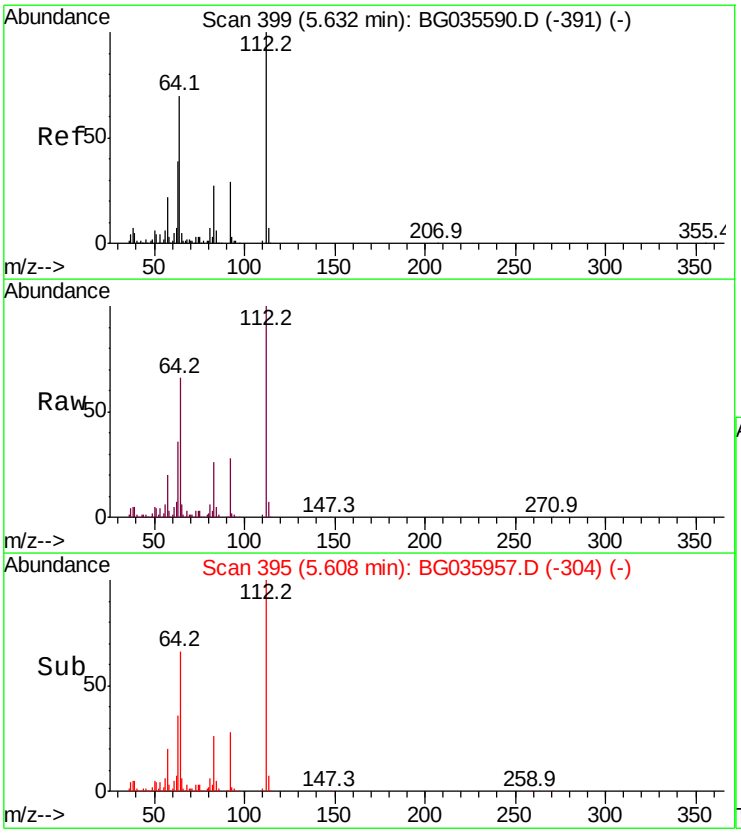


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:152 Resp: 32425

Ion	Ratio	Lower	Upper
152	100		
150	138.0	126.6	189.8
115	66.0	53.0	79.4

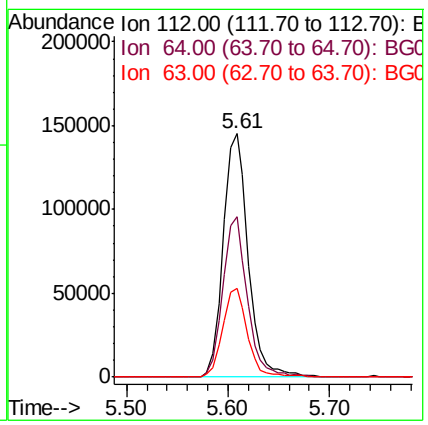


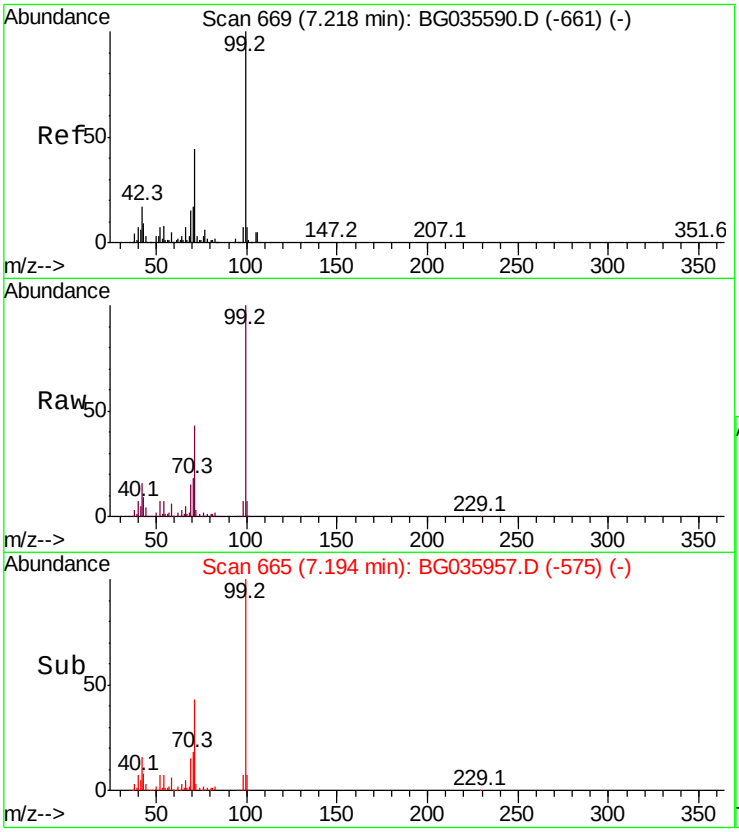


#5
2-Fluorophenol
Concen: 126.984 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:112 Resp: 248004

Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.3	84.5
63	36.4	30.1	45.1

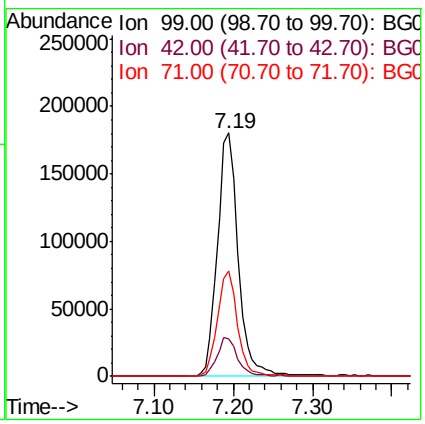


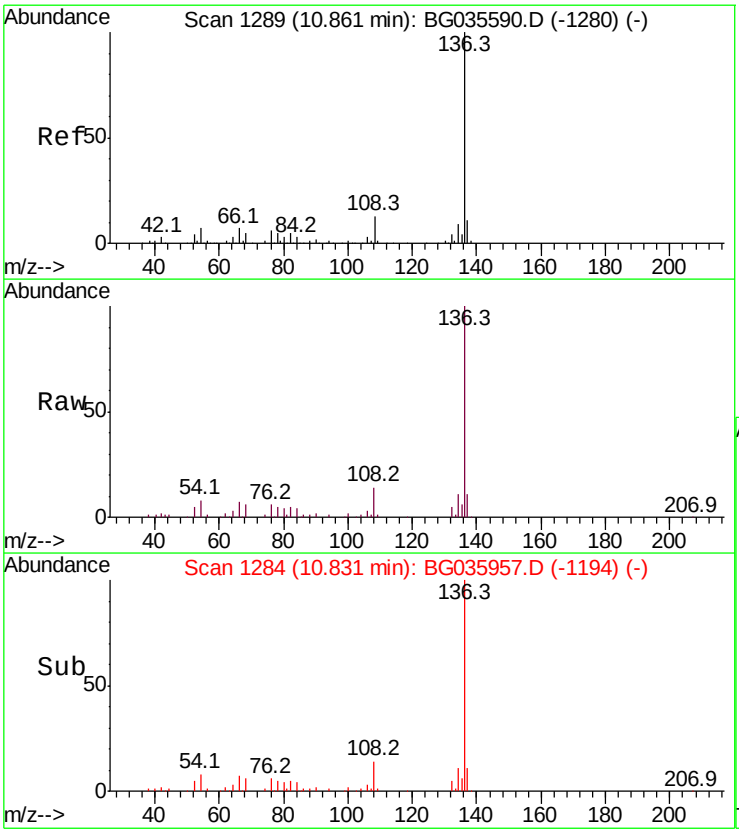


#7
Phenol-d6
Concen: 113.383 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion: 99 Resp: 330389

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	43.2	26.1	39.1#

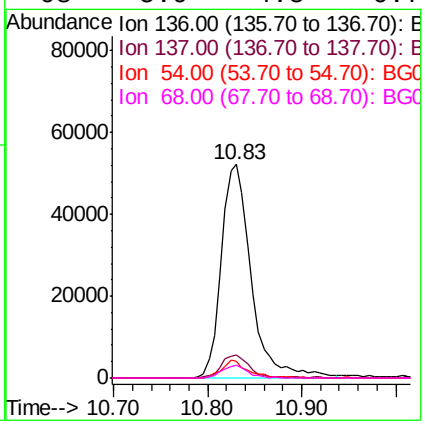


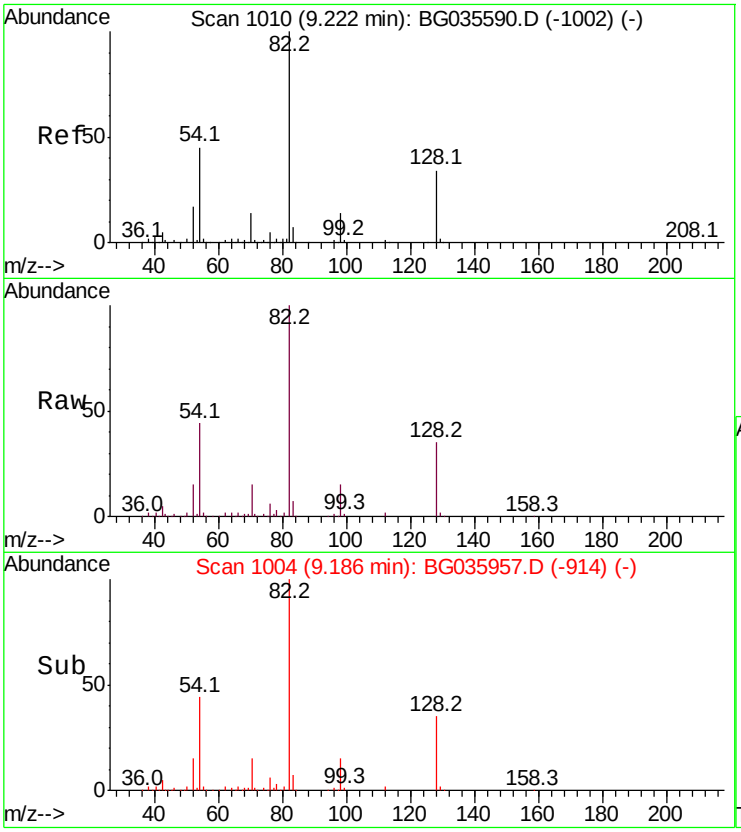


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:136 Resp: 115430

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.0	10.3	15.5#
68	5.9	4.5	6.7

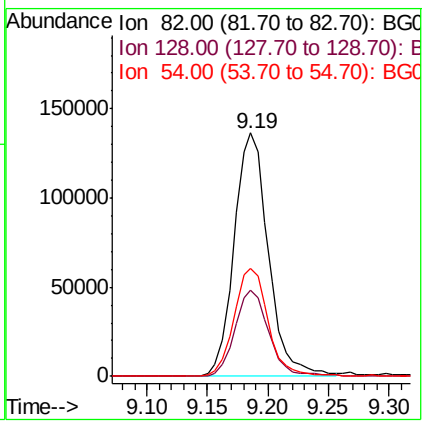


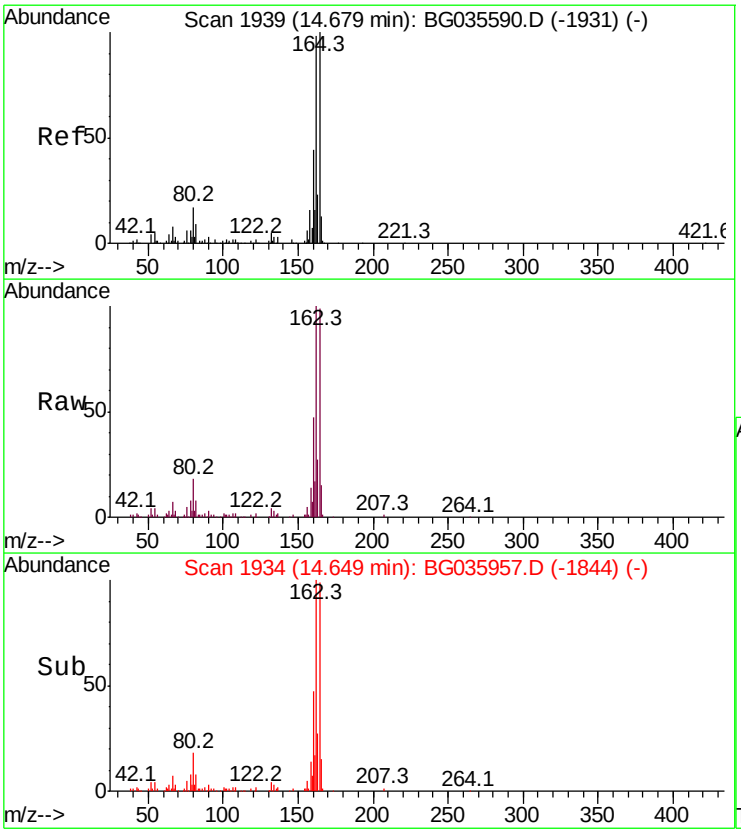


#23
Nitrobenzene-d5
Concen: 97.591 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion: 82 Resp: 269659

Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	44.4	43.1	64.7

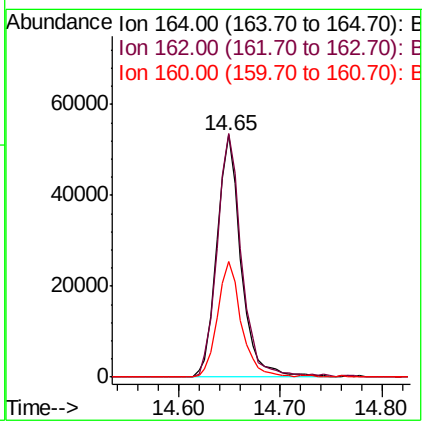


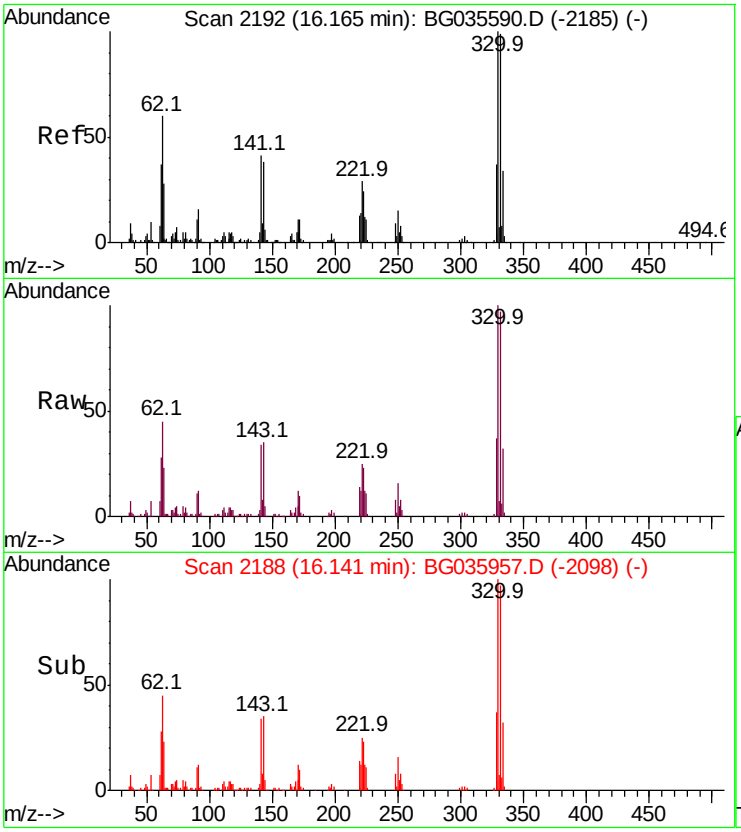


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:164 Resp: 88069

Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	47.6	35.4	53.0

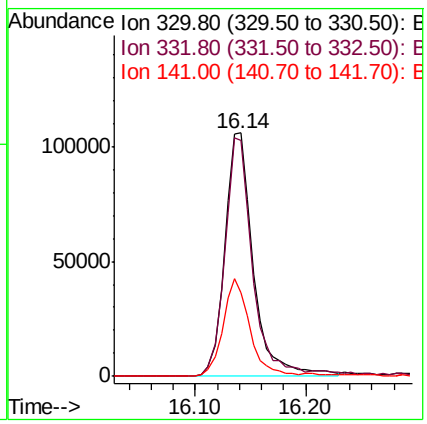


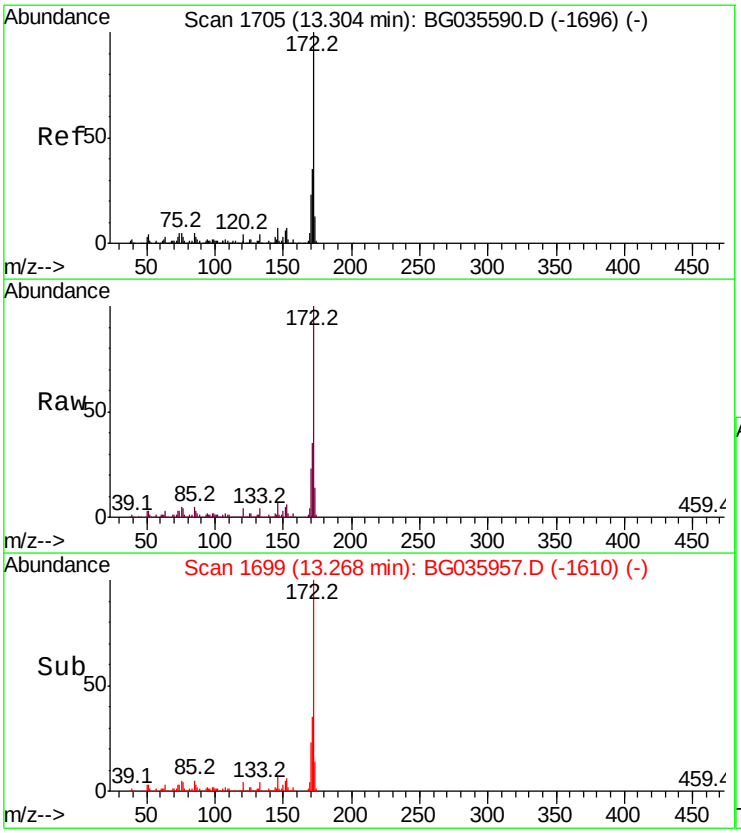


#41
2,4,6-Tribromophenol
Concen: 164.317 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:330 Resp: 190740

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	37.8	25.2	37.8#

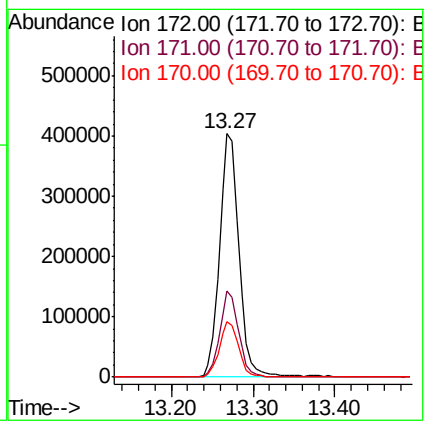


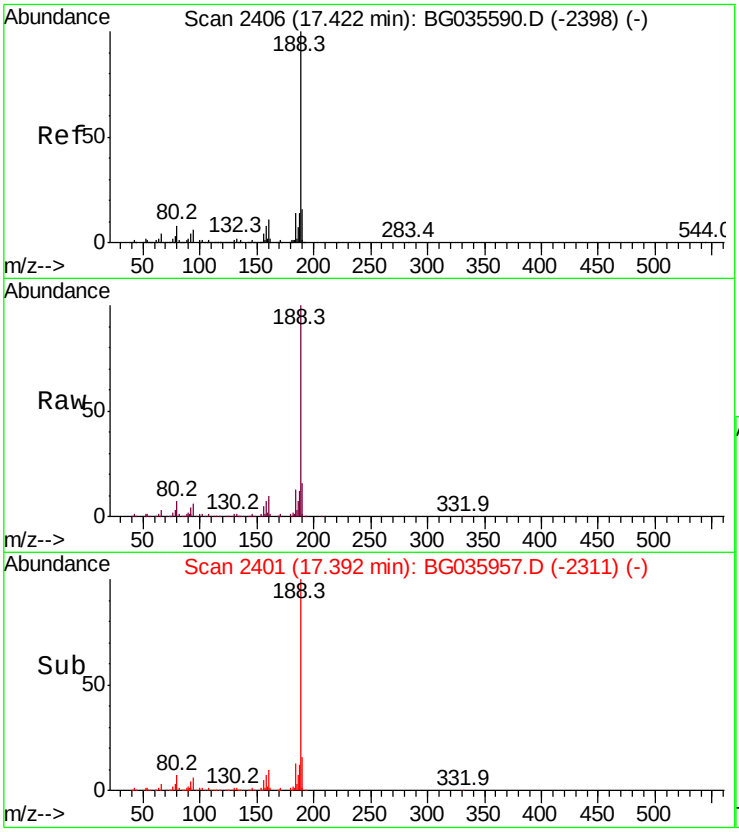


#44
2-Fluorobiphenyl
Concen: 101.856 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:172 Resp: 669558

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.0	19.5	29.3

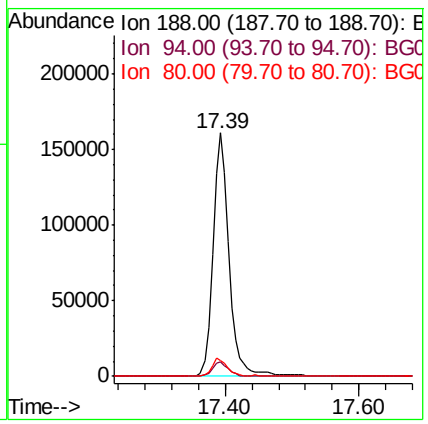


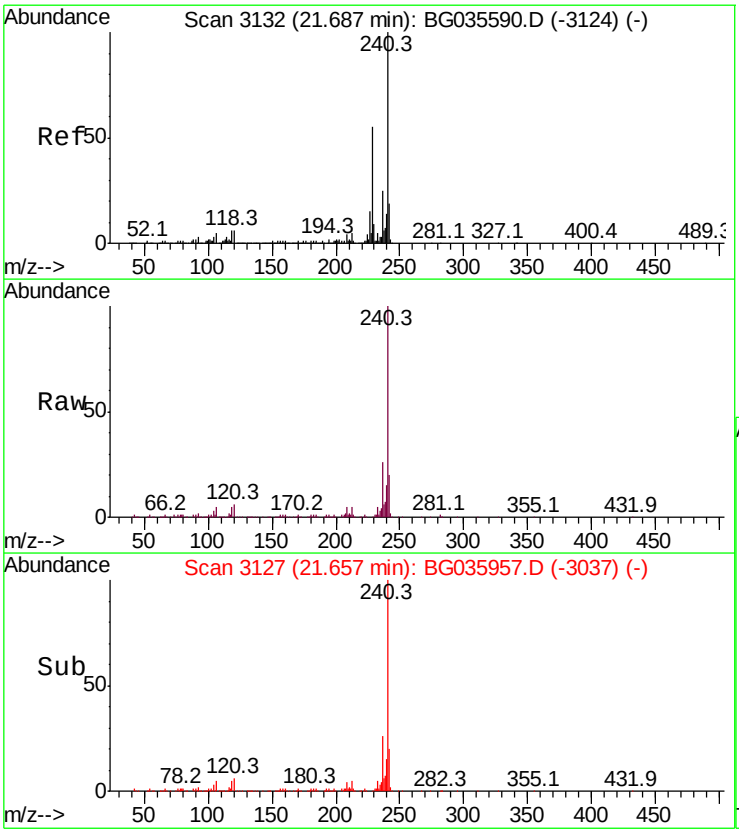


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:188 Resp: 271402

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	6.6	7.7	11.5#

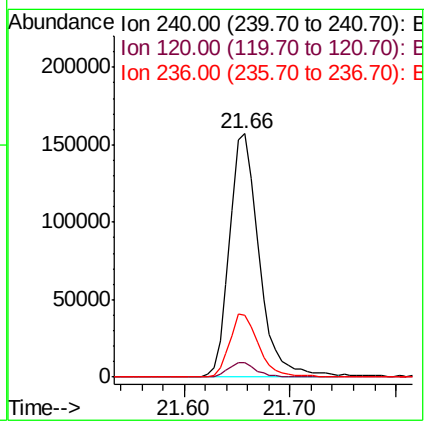


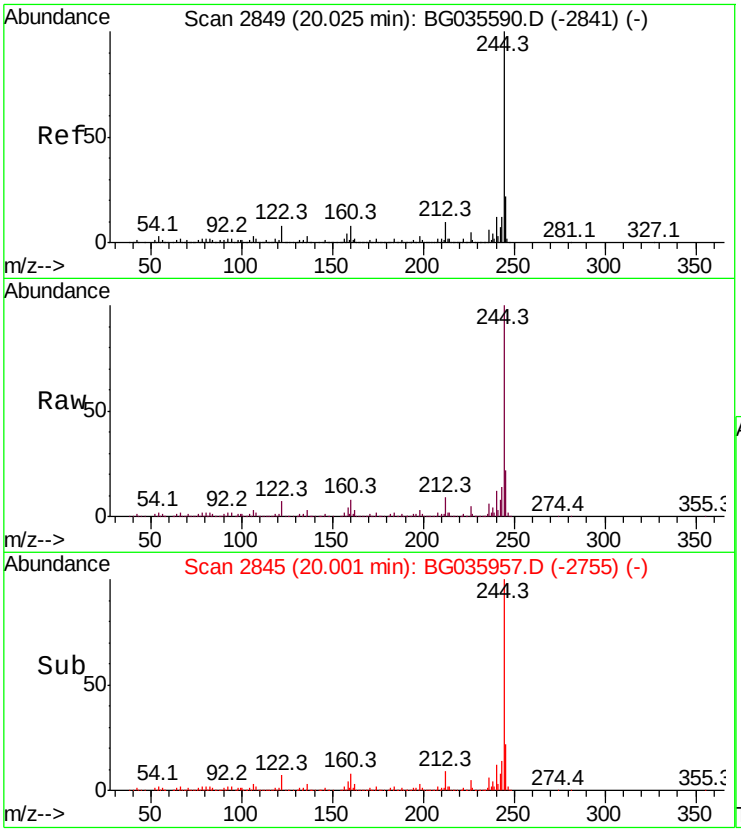


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:240 Resp: 304537

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	25.6	20.9	31.3

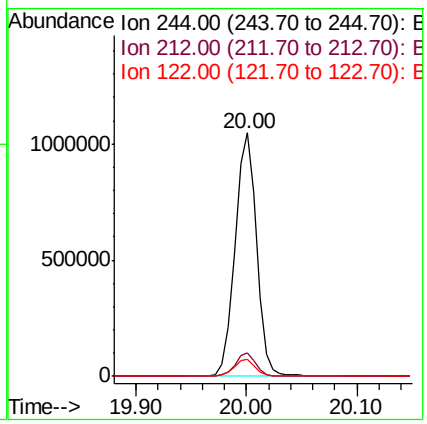


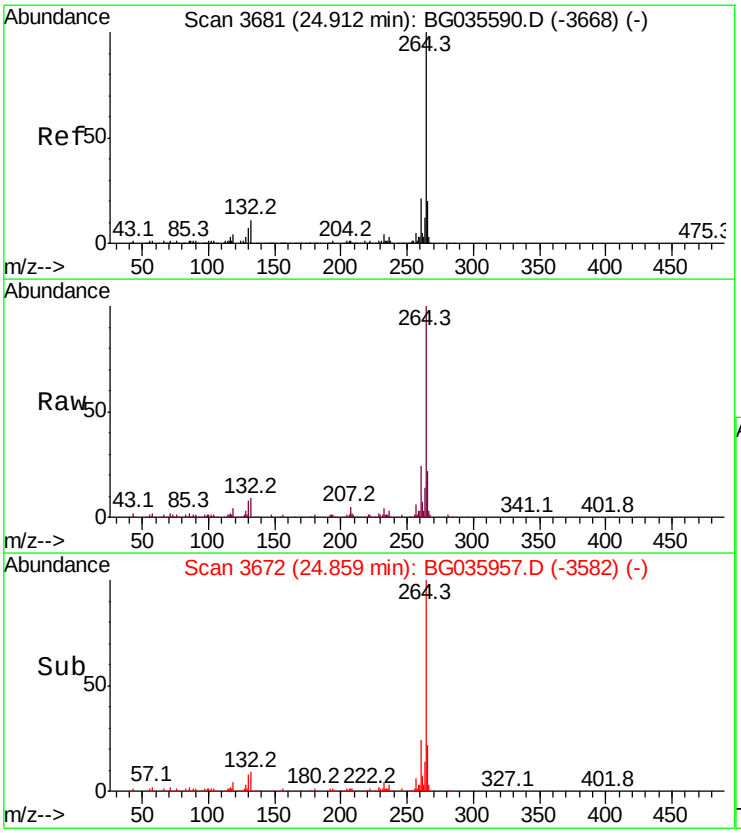


#78
Terphenyl-d14
Concen: 103.928 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:244 Resp: 1435819

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:264 Resp: 275895

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.9	17.7	26.5