Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100218\
Data File : BG037115.D
Acq On : 2 Oct 2018 21:52
Operator : JU/SJ
Sample : J5187-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 03 02:49:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46133	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	187742	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	116784	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	298534	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	329131	20.00	ng	-0.02
86) Perylene-d12	24.88	264	324895	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	116494	48.43	ng	0.00
7) Phenol-d6	7.20	99	97040	26.07	ng	-0.01
23) Nitrobenzene-d5	9.20	82	369251	105.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	128153	91.72	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	768701	98.04	ng	-0.01
78) Terphenyl-d14	20.02	244	1359583	108.62	ng	-0.01
Target Compounds						Qvalue

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

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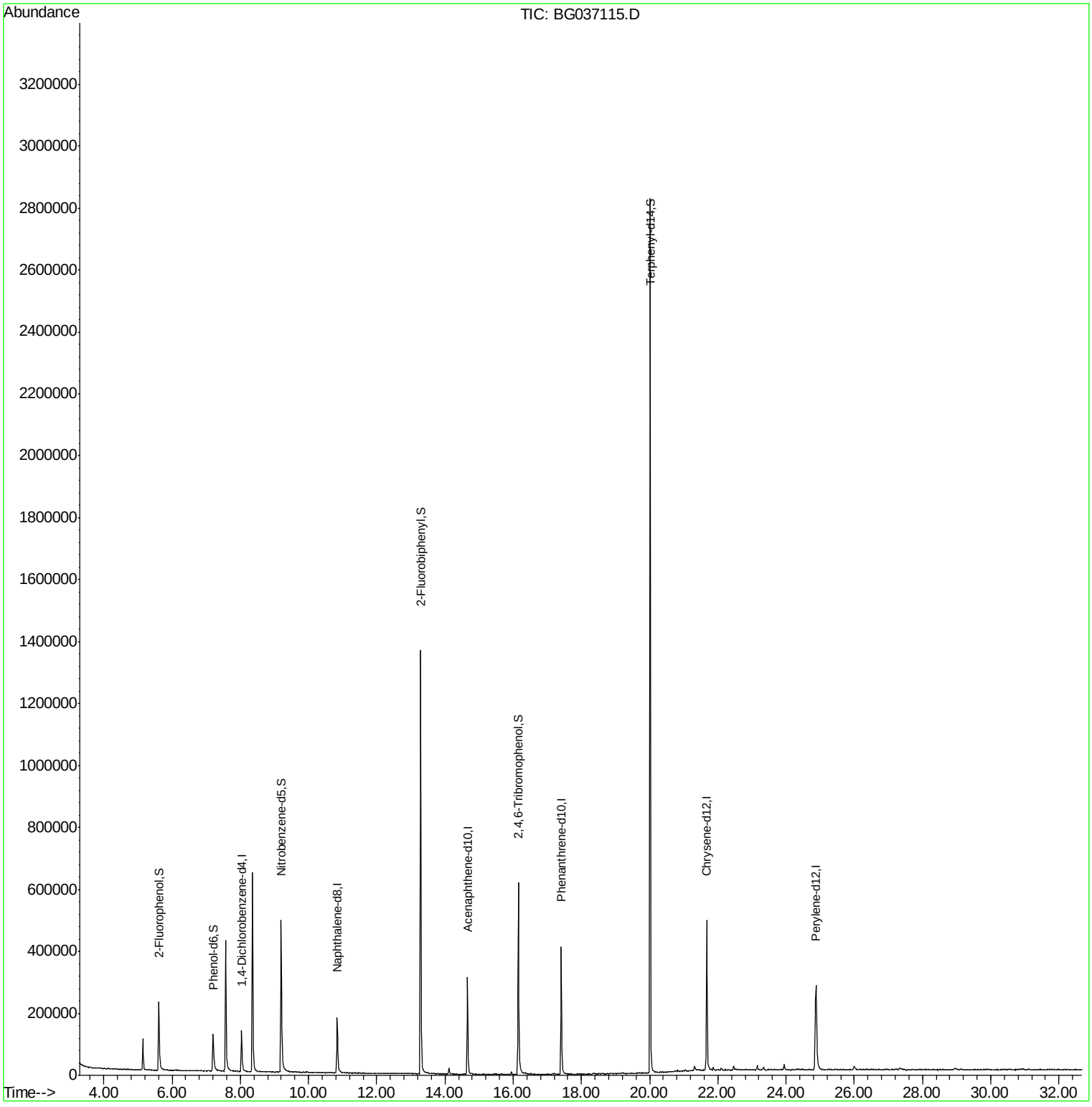
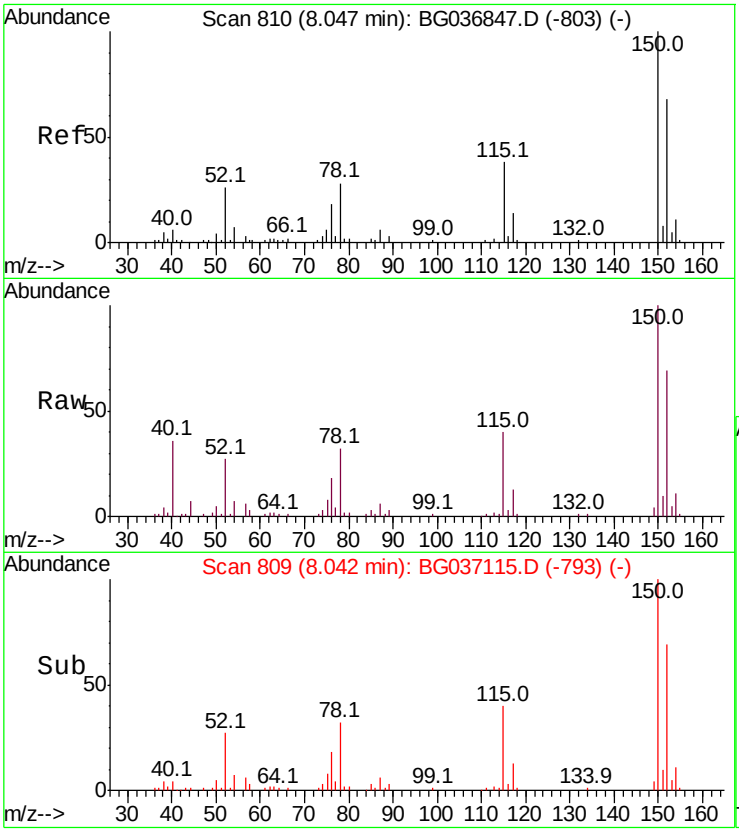
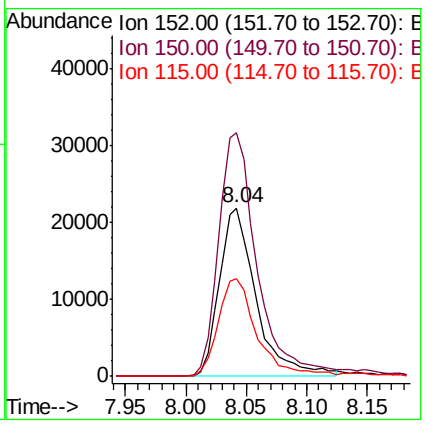


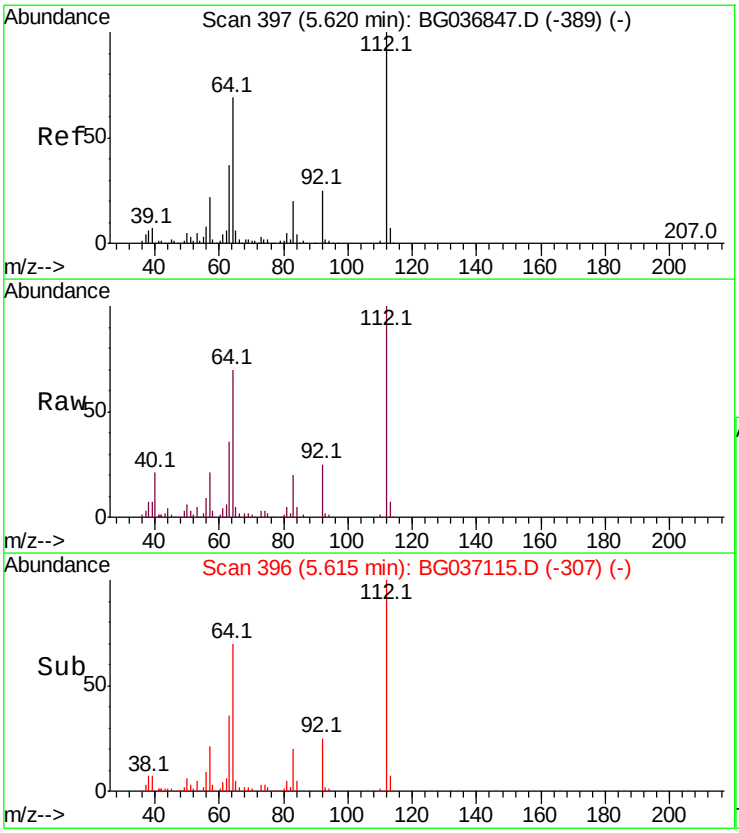


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:152 Resp: 46133

Ion	Ratio	Lower	Upper
152	100		
150	144.6	119.5	179.3
115	58.3	44.5	66.7

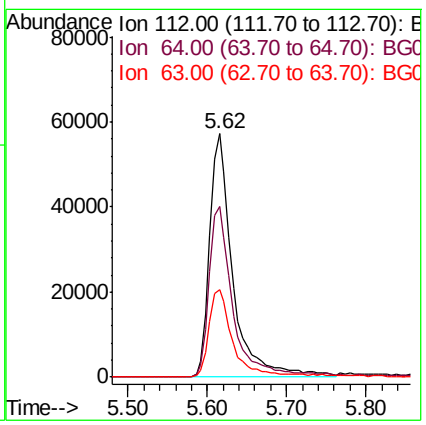


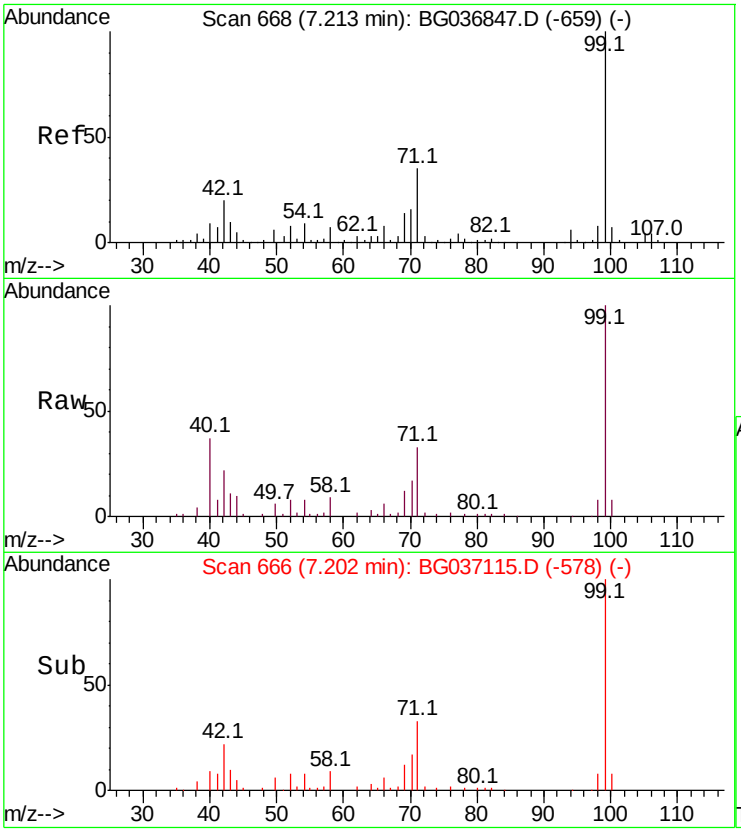


#5
2-Fluorophenol
Concen: 48.427 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:112 Resp: 116494

Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.2	85.8
63	35.7	30.8	46.2

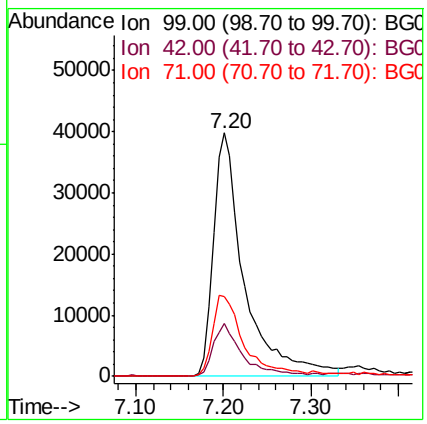


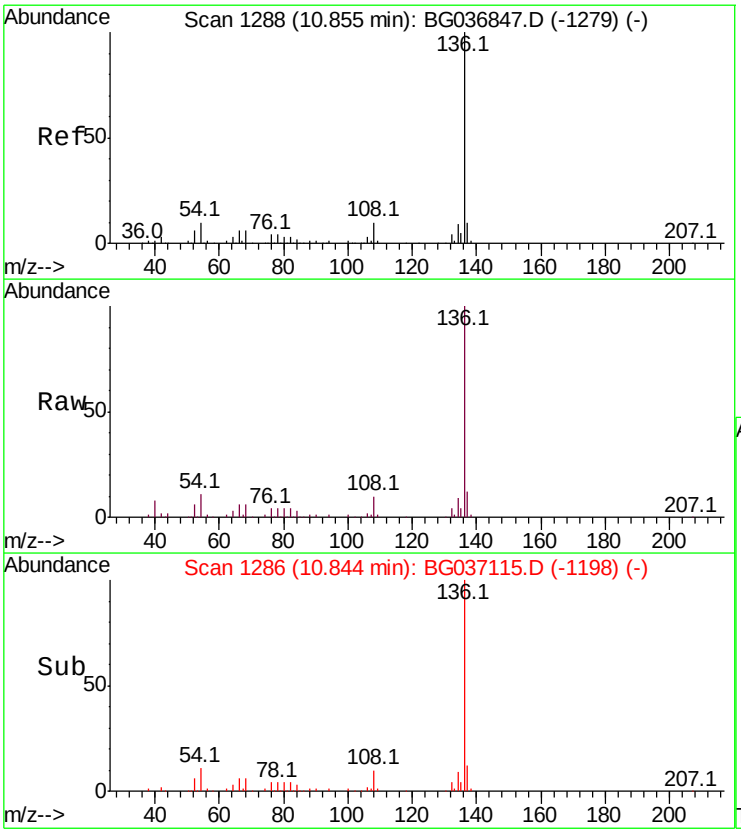


#7
Phenol-d6
Concen: 26.074 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion: 99 Resp: 97040

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.5	24.7
71	32.6	29.4	44.2

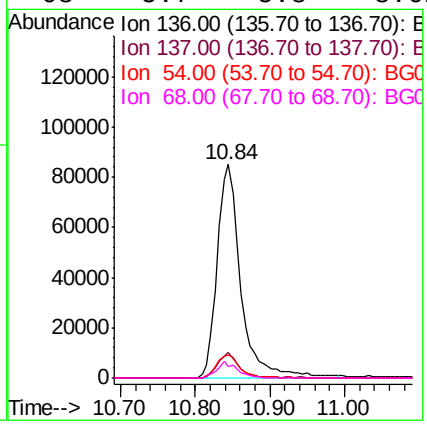


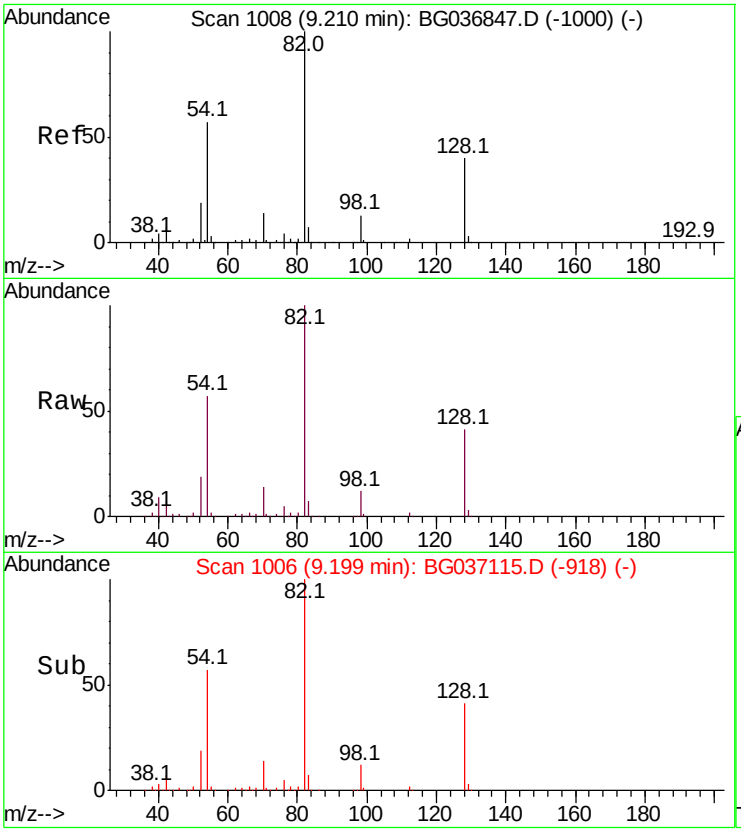


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:136 Resp: 187742

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	11.1	9.2	13.8
68	5.7	5.8	8.6#

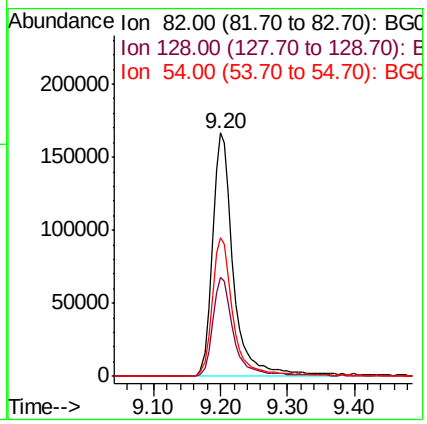


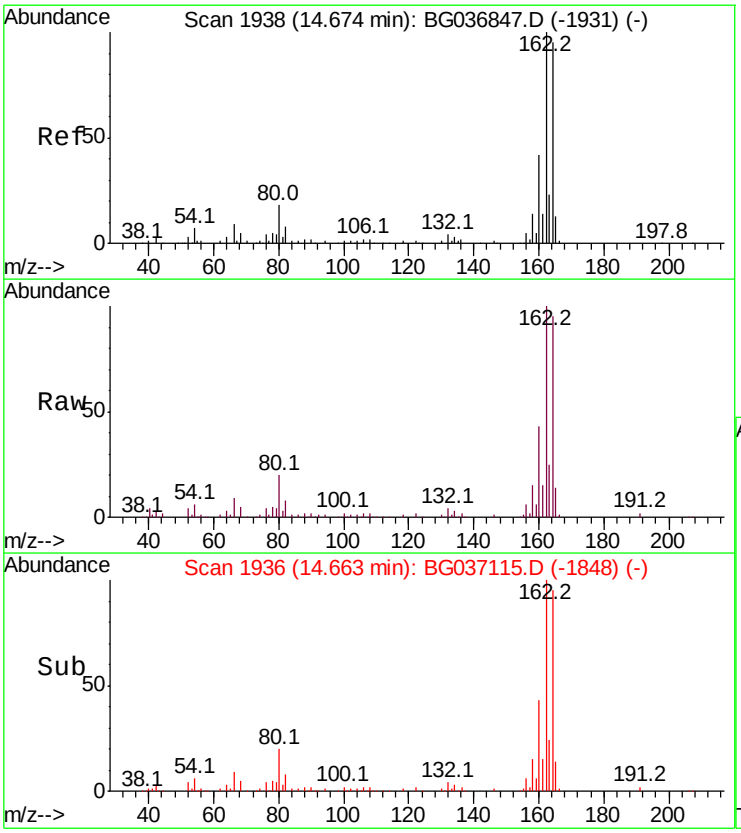


#23
Nitrobenzene-d5
Concen: 105.324 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion: 82 Resp: 369251

Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.3	49.9
54	57.1	45.1	67.7

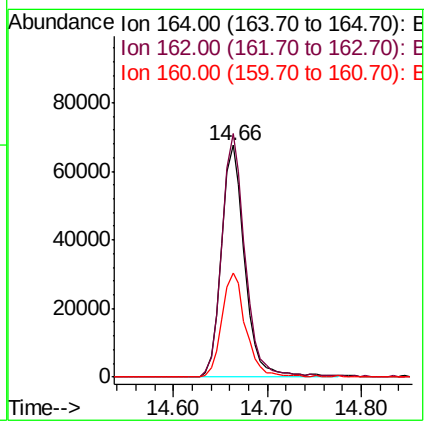


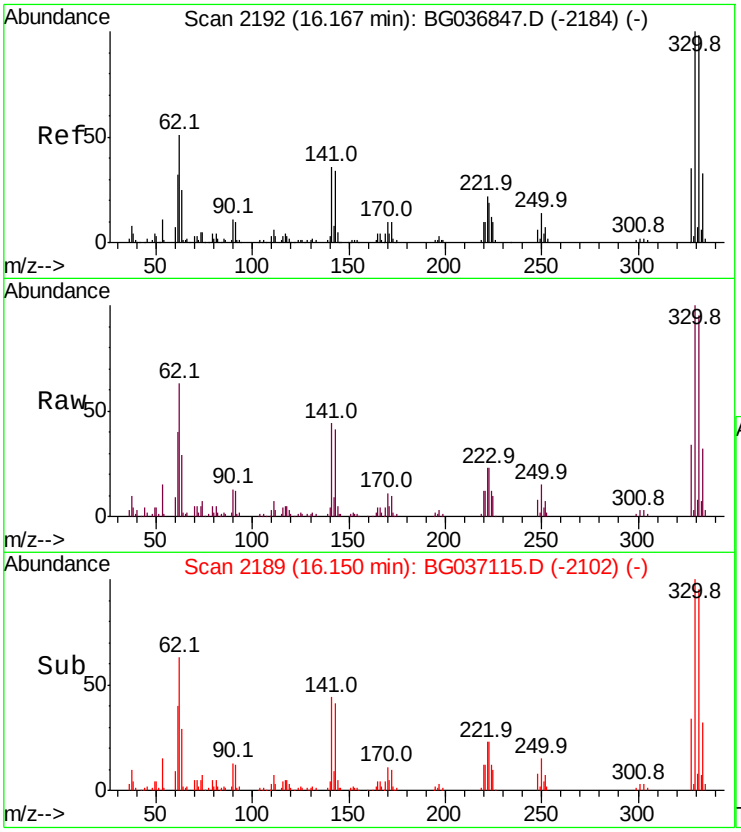


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:164 Resp: 116784

Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	45.1	35.3	52.9

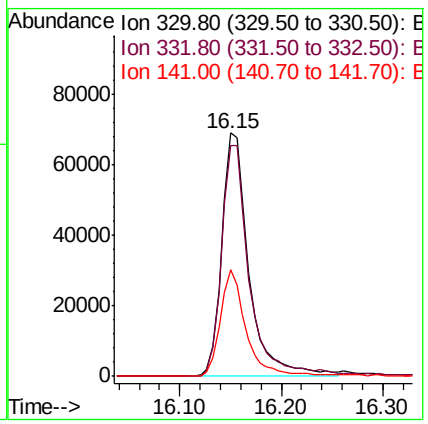


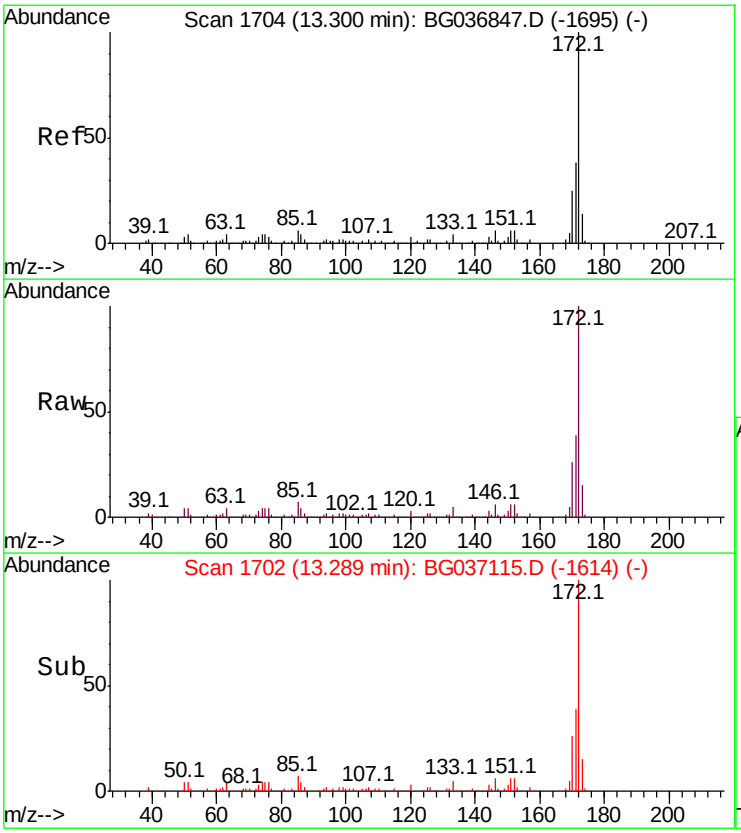


#41
2,4,6-Tribromophenol
Concen: 91.718 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:330 Resp: 128153

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.2
141	40.3	30.7	46.1

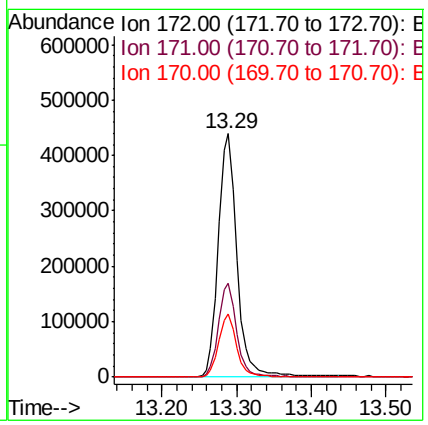


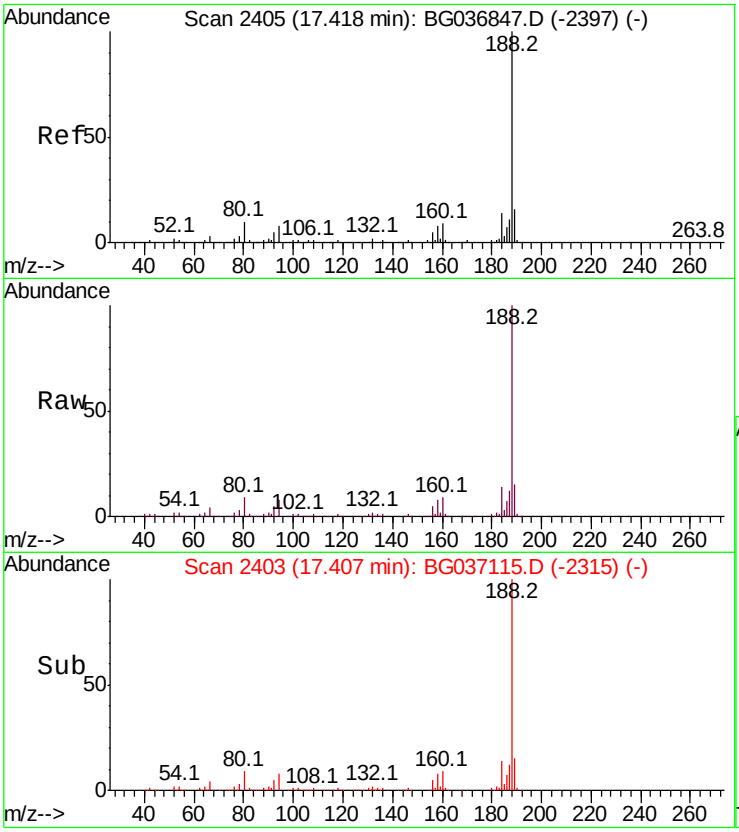


#44
2-Fluorobiphenyl
Concen: 98.035 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:172 Resp: 768701

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.9	21.0	31.6

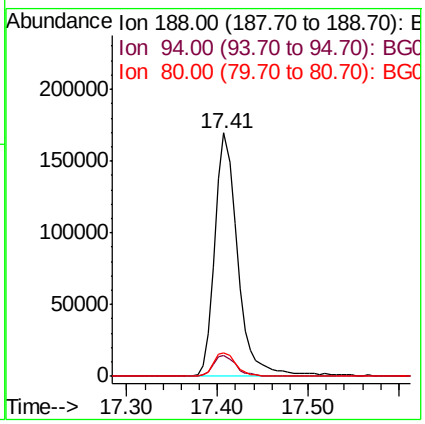


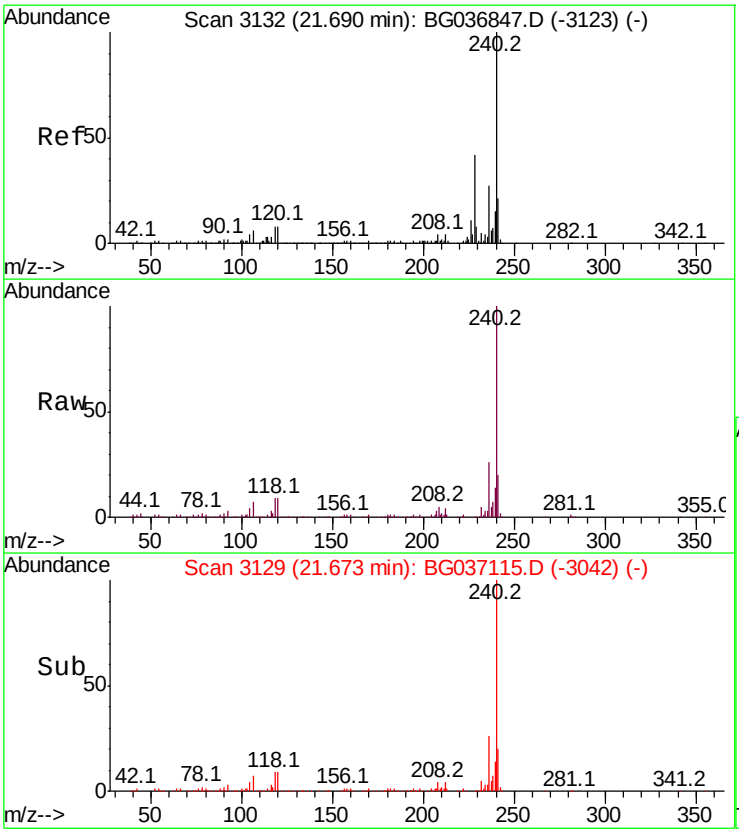


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:188 Resp: 298534

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.4	8.1	12.1

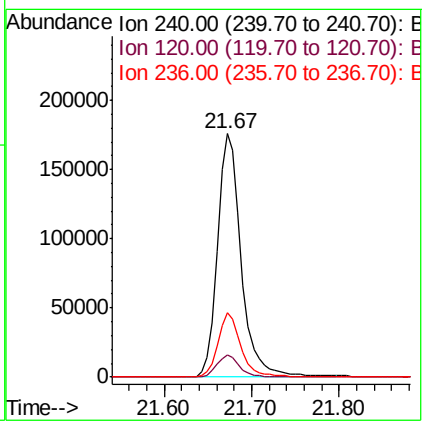


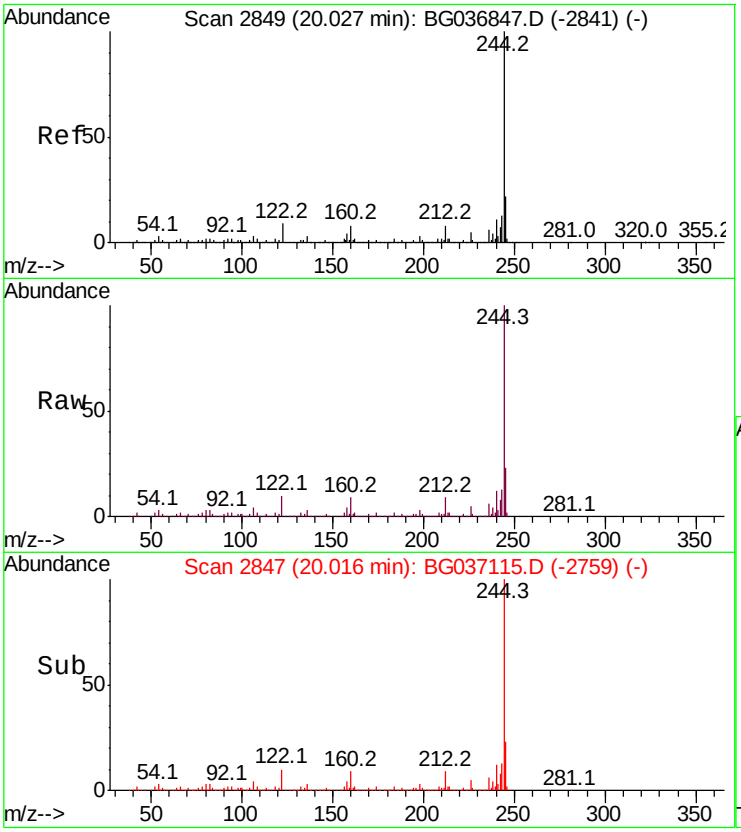


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:240 Resp: 329131

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.9	10.3
236	26.5	21.2	31.8

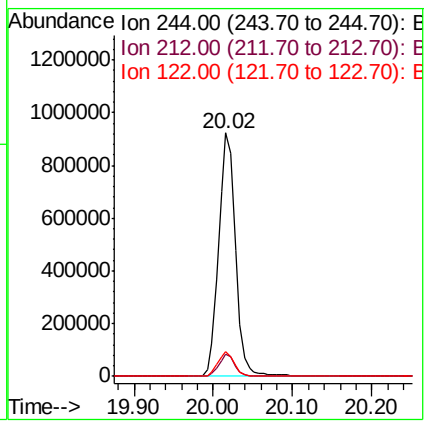


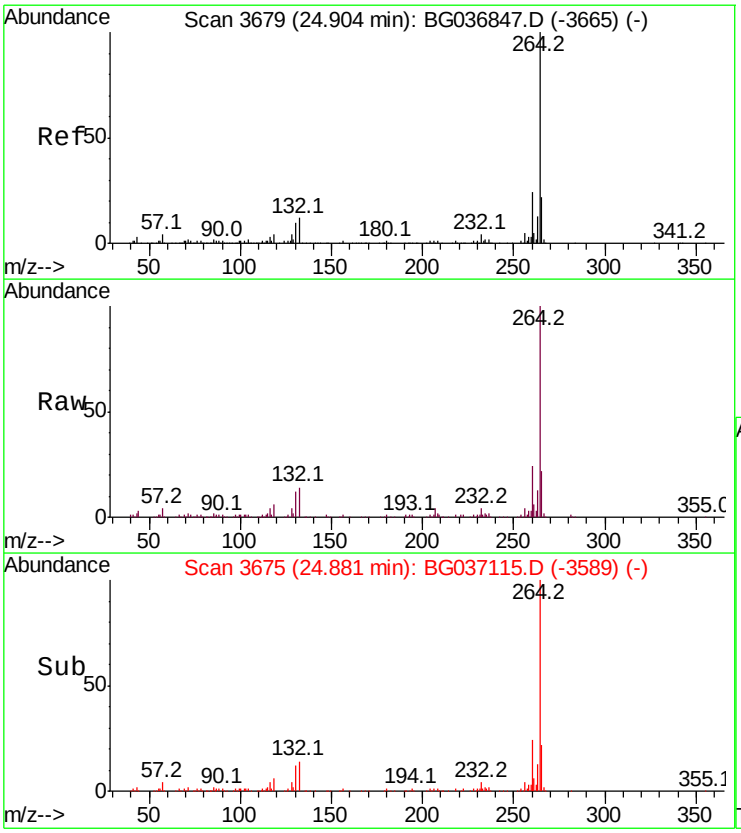


#78
Terphenyl-d14
Concen: 108.620 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:244 Resp: 1359583

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	10.1	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:264 Resp: 324895

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.7	17.4	26.0