Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100218\
Data File : BG037123.D
Acq On : 3 Oct 2018 3:04
Operator : JU/SJ
Sample : PB113408BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 03 03:50:19 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	52605	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	215730	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	129430	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	321650	20.00	ng	0.00
75) Chrysene-d12	21.68	240	350026	20.00	ng	-0.01
86) Perylene-d12	24.87	264	338308	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	306888	111.88	ng	0.00
7) Phenol-d6	7.20	99	425075	100.16	ng	-0.01
23) Nitrobenzene-d5	9.20	82	409143	101.56	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	132175	85.35	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	864787	99.51	ng	-0.01
78) Terphenyl-d14	20.01	244	1434531	107.77	ng	-0.01
Target Compounds						Qvalue

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

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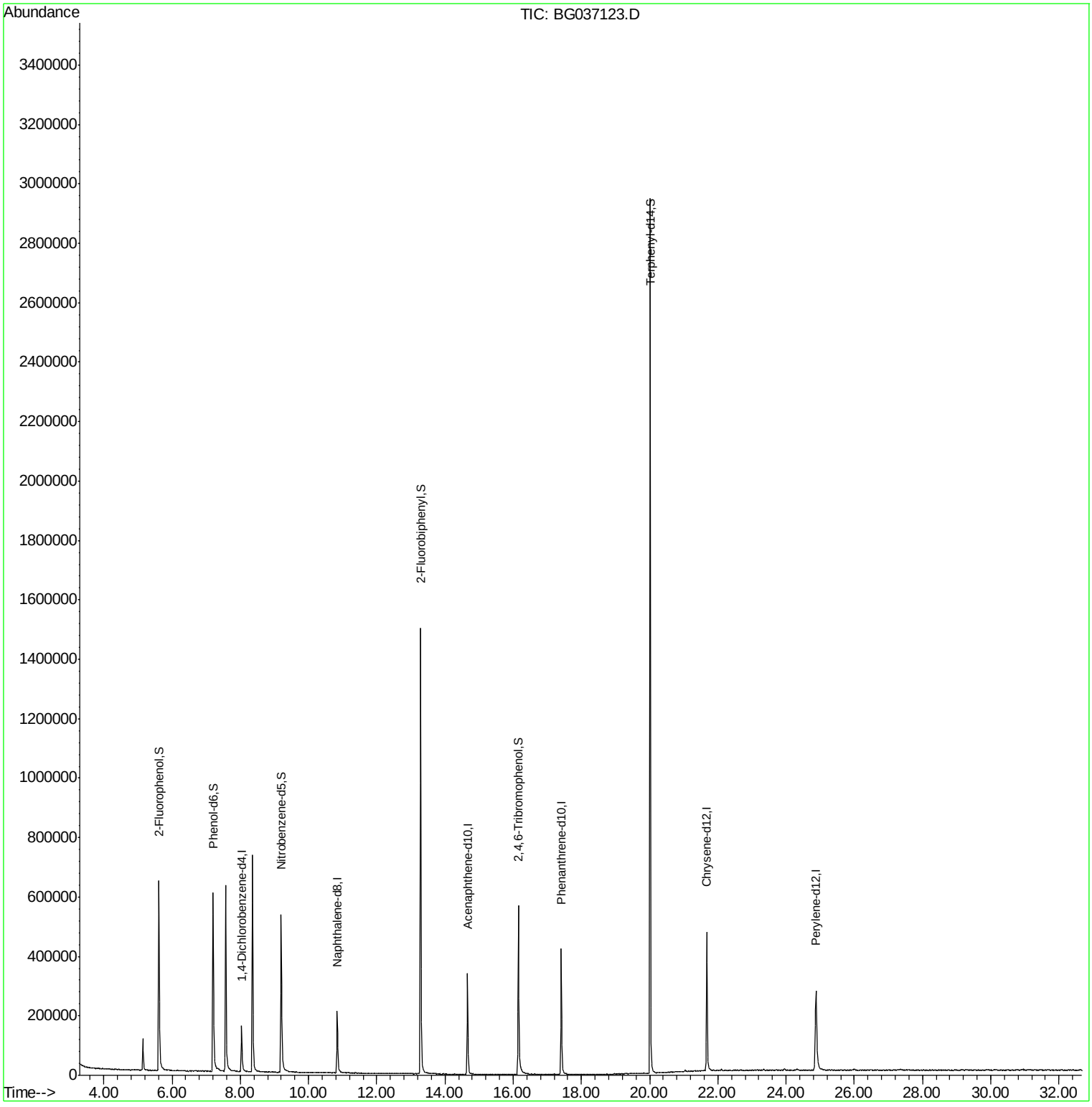
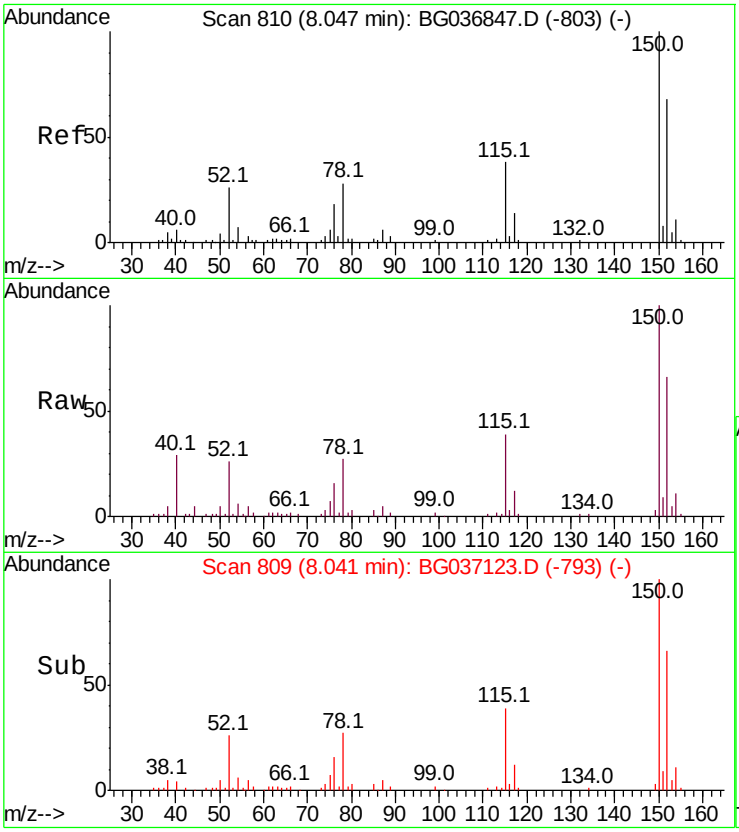
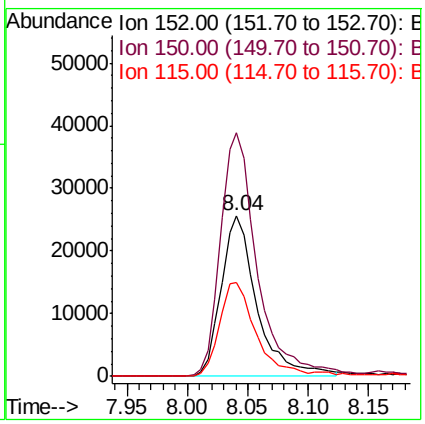


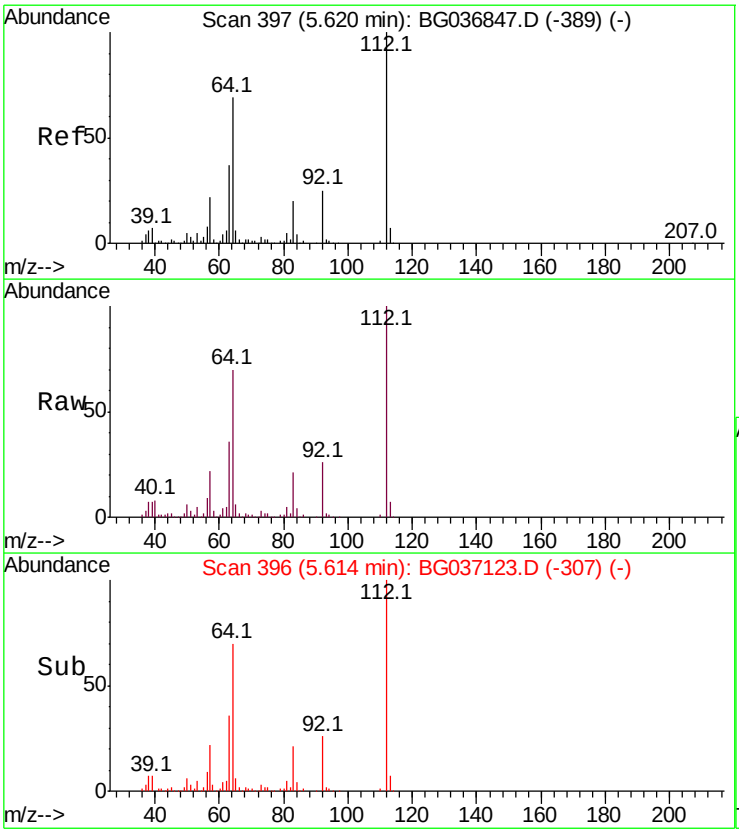


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:152 Resp: 52605

Ion	Ratio	Lower	Upper
152	100		
150	151.6	119.5	179.3
115	58.8	44.5	66.7

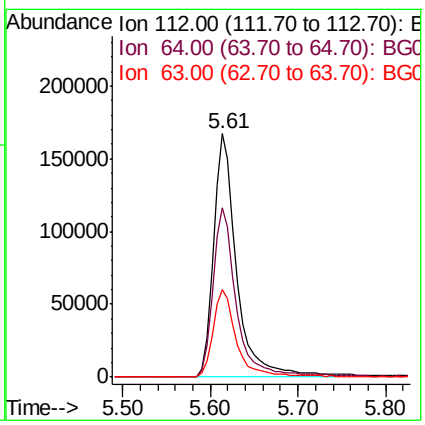


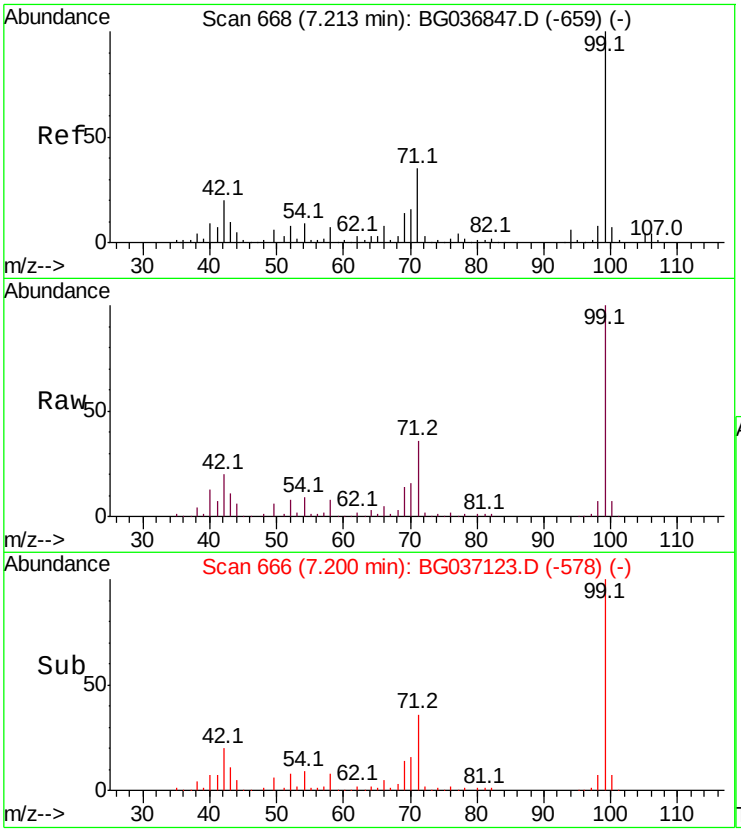


#5
2-Fluorophenol
Concen: 111.880 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:112 Resp: 306888

Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.2	85.8
63	35.9	30.8	46.2

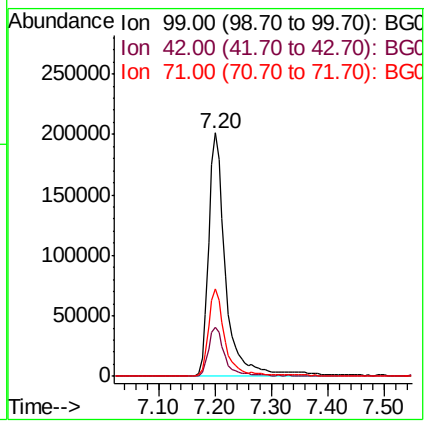


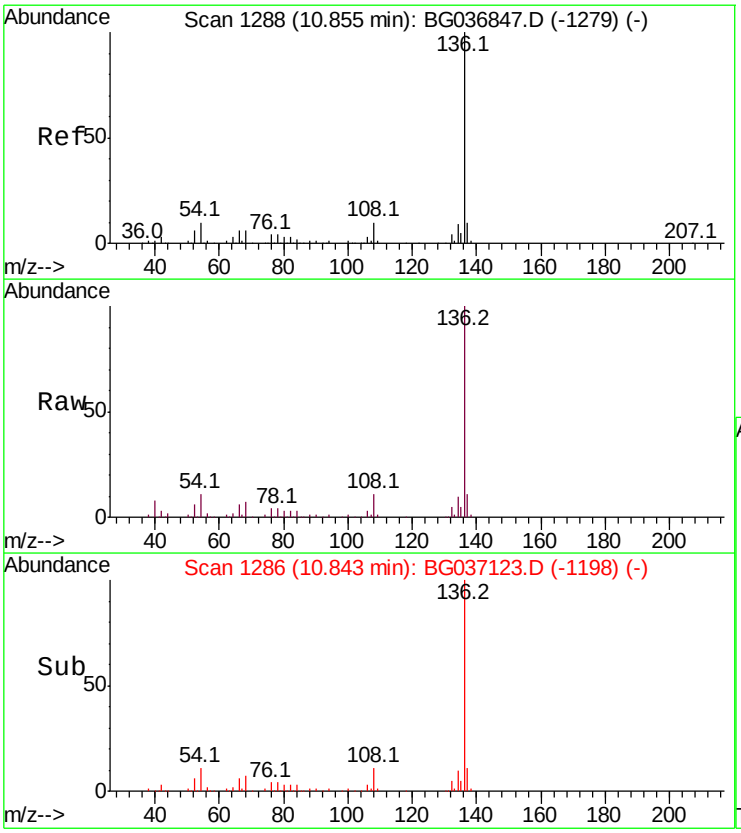


#7
Phenol-d6
Concen: 100.161 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion: 99 Resp: 425075

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.5	24.7
71	35.9	29.4	44.2

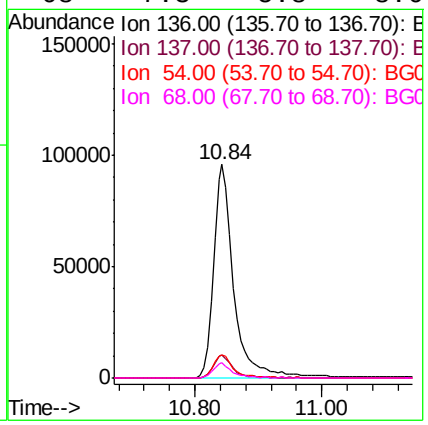


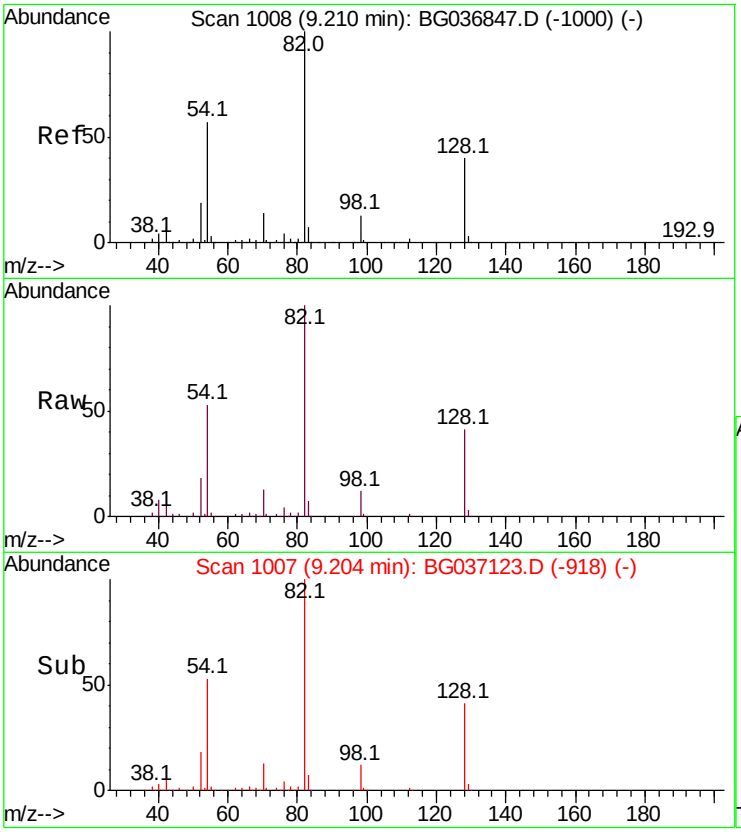


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:136 Resp: 215730

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.1	9.2	13.8
68	7.3	5.8	8.6

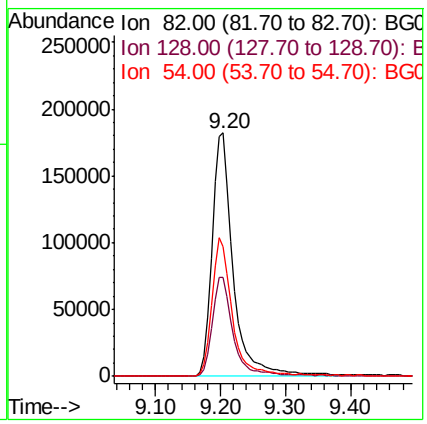


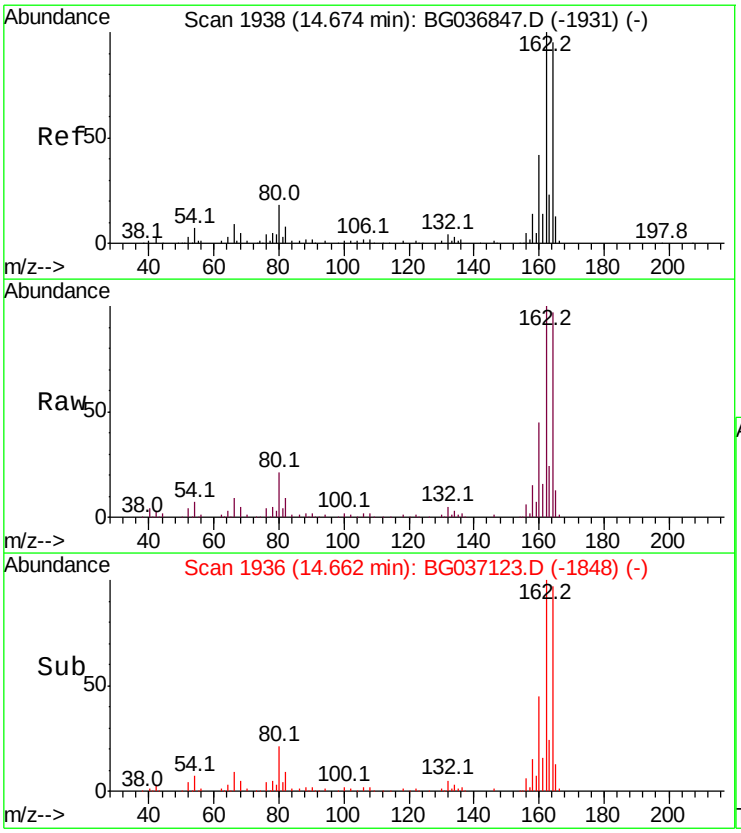


#23
Nitrobenzene-d5
Concen: 101.562 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion: 82 Resp: 409143

Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.3	49.9
54	53.5	45.1	67.7

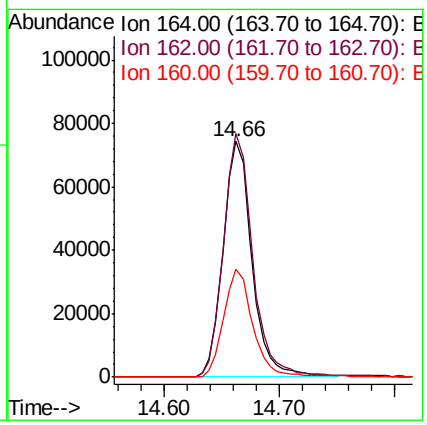


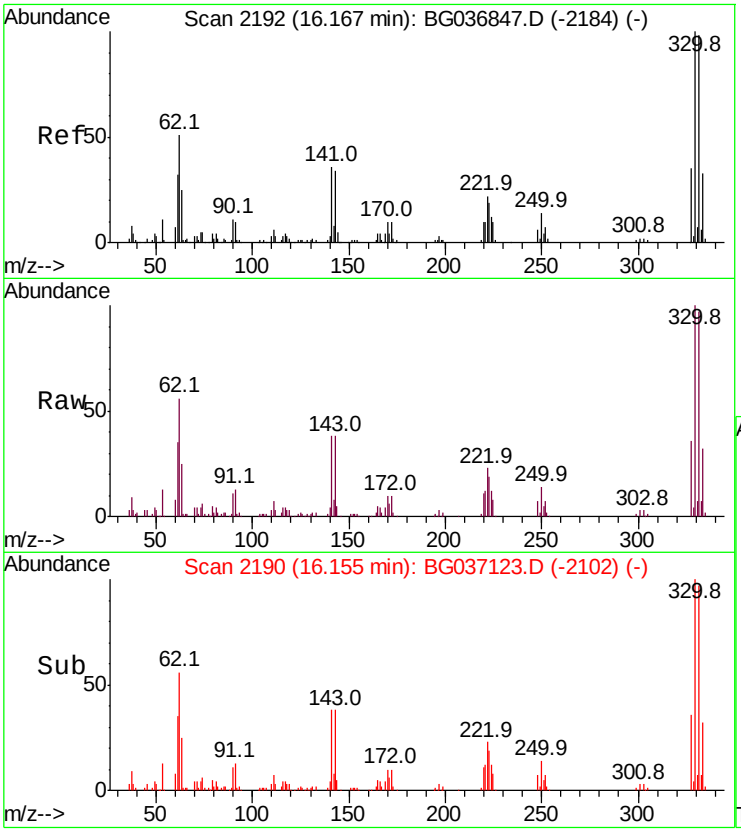


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:164 Resp: 129430

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.7	121.1
160	46.0	35.3	52.9

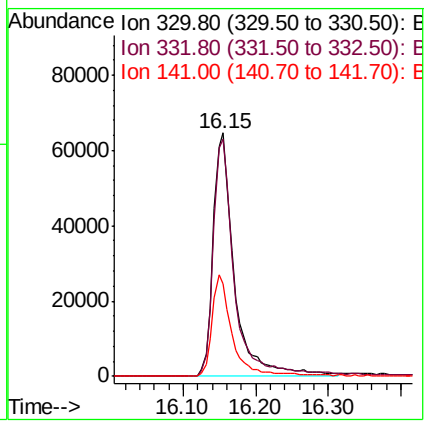


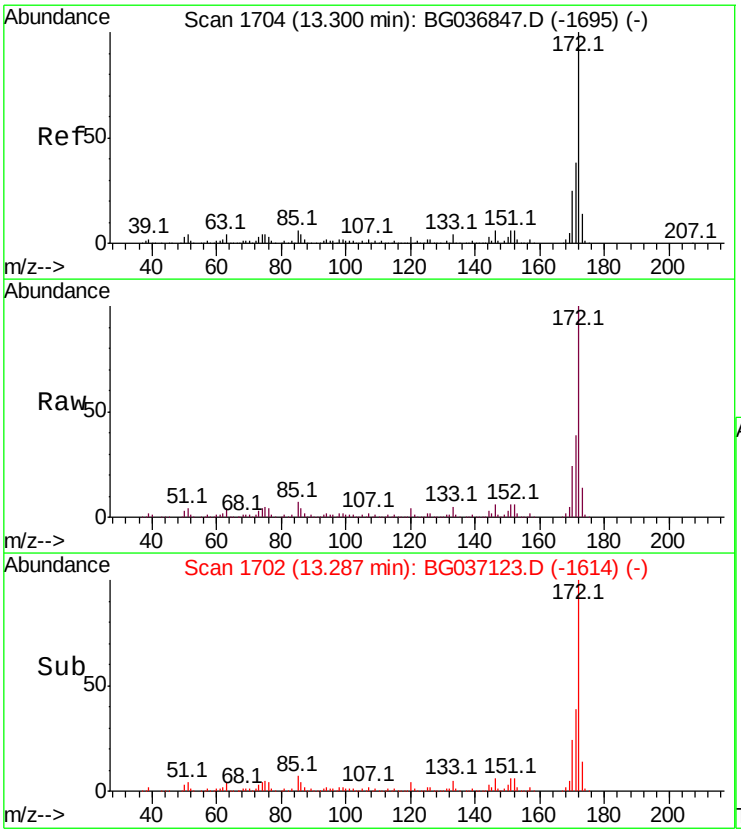


#41
2,4,6-Tribromophenol
Concen: 85.354 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:330 Resp: 132175

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.4	113.2
141	38.4	30.7	46.1

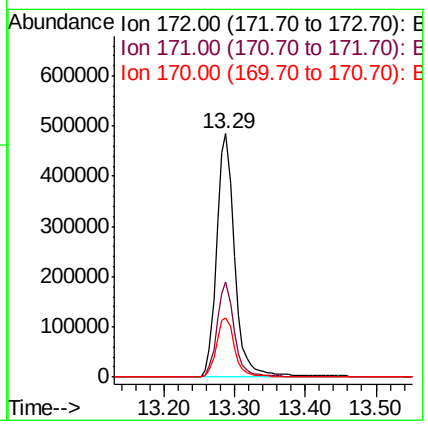


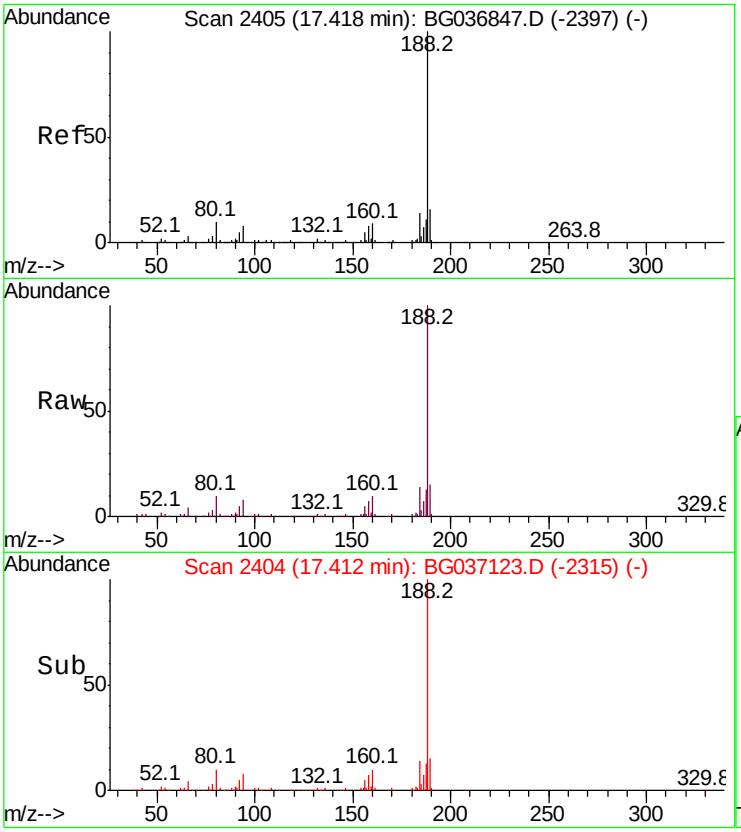


#44
2-Fluorobiphenyl
Concen: 99.514 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:172 Resp: 864787

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	24.4	21.0	31.6

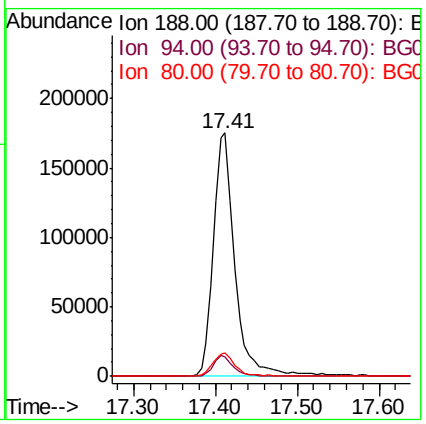


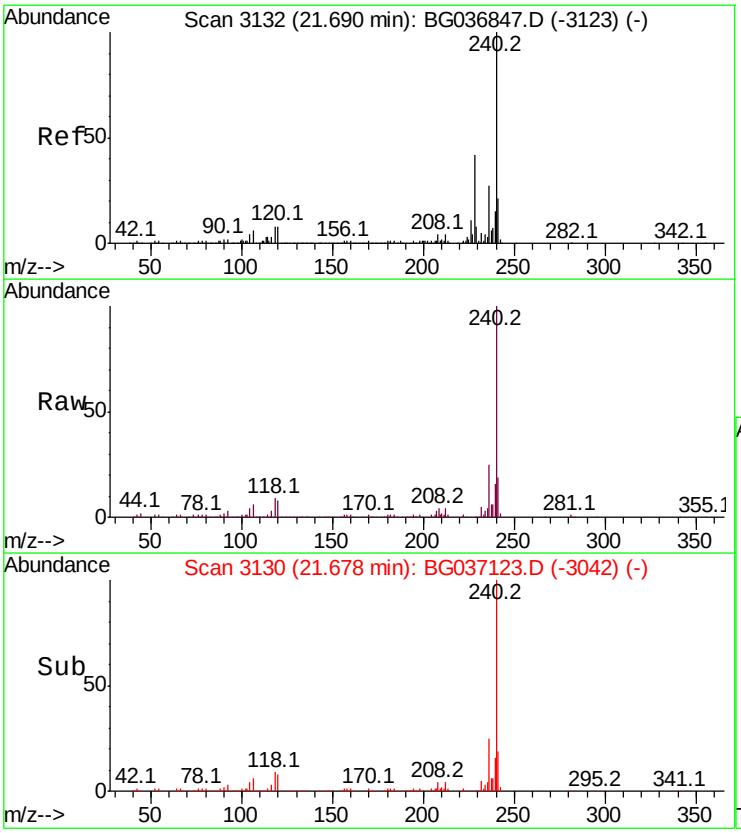


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:188 Resp: 321650

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.6	8.1	12.1

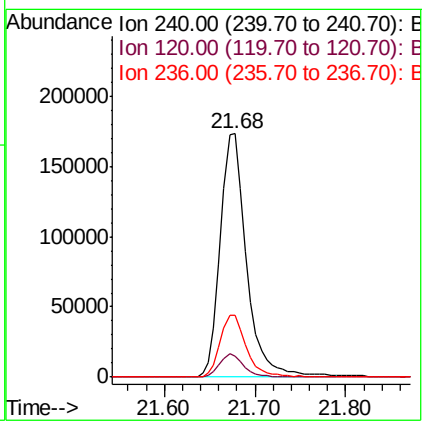


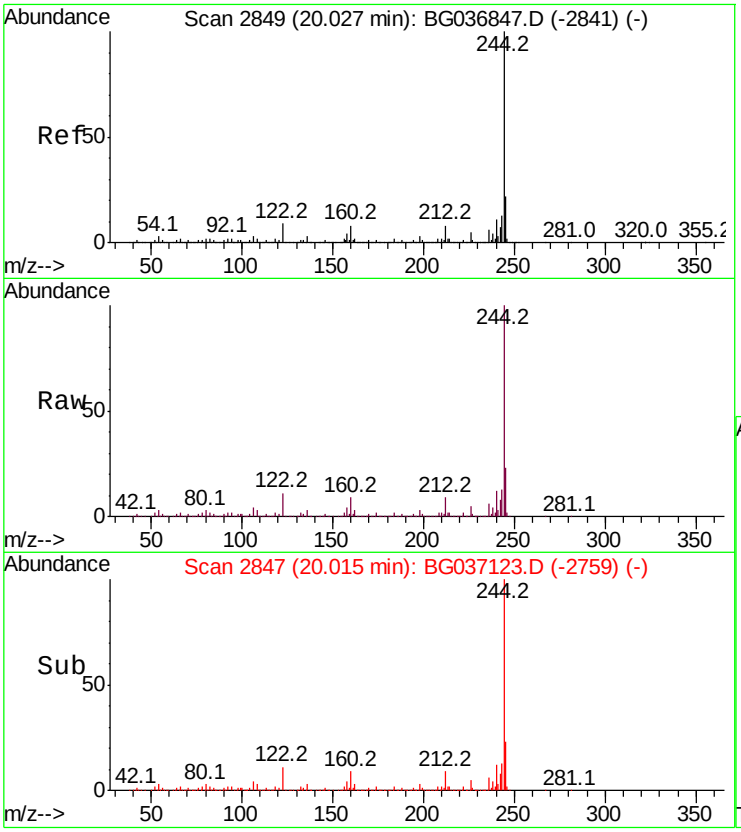


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:240 Resp: 350026

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	25.4	21.2	31.8

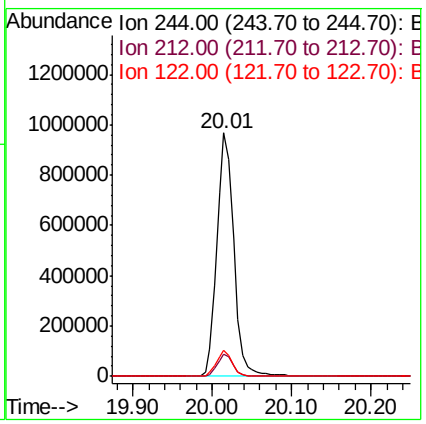


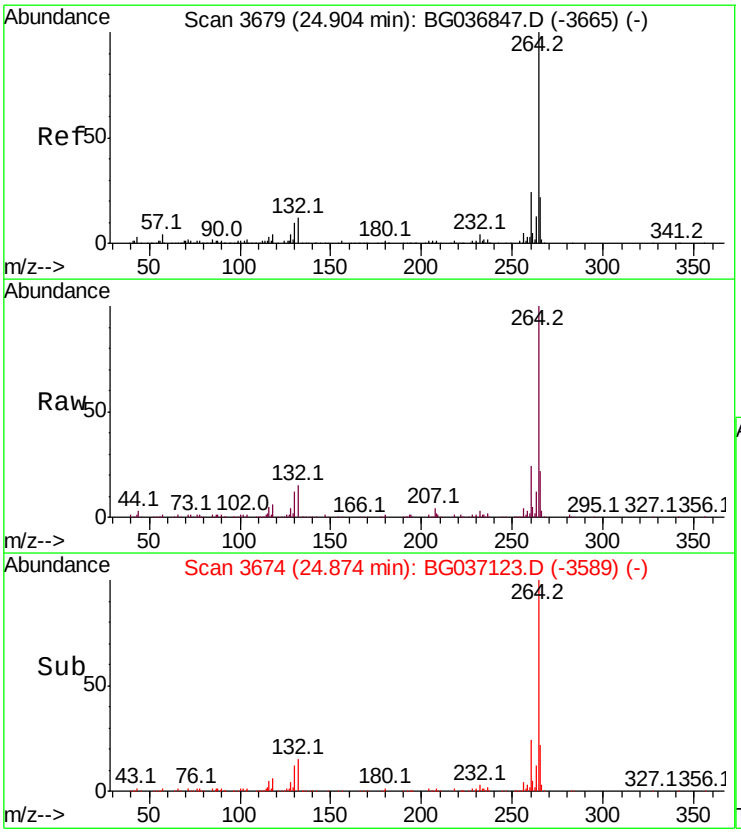


#78
Terphenyl-d14
Concen: 107.766 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:244 Resp: 1434531

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	10.6	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:264 Resp: 338308

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.5	17.4	26.0