Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
Data File : BG037910.D
Acq On : 9 Nov 2018 8:12
Operator : JU/SJ
Sample : J5858-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 09 15:39:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47969	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	219210	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	142815	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	316417	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	273857	20.00	ng	-0.02
87) Perylene-d12	25.08	264	216421	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	311271	108.49	ng	-0.01
7) Phenol-d6	7.24	99	400339	92.27	ng	-0.01
23) Nitrobenzene-d5	9.27	82	316993	81.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	149112	95.73	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	766588	80.94	ng	-0.02
79) Terphenyl-d14	20.07	244	1136393	88.67	ng	-0.02
Target Compounds						Qvalue

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

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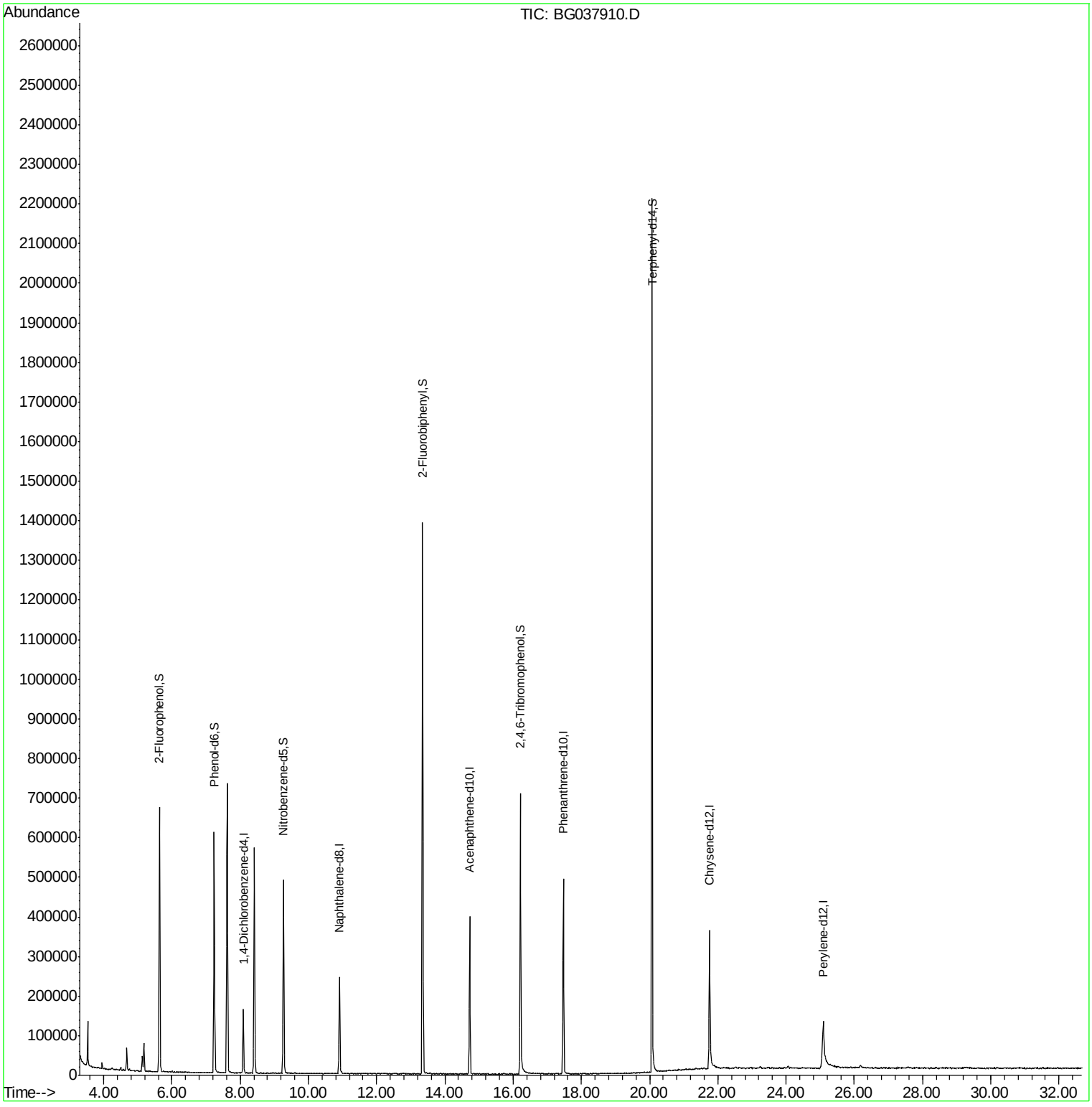
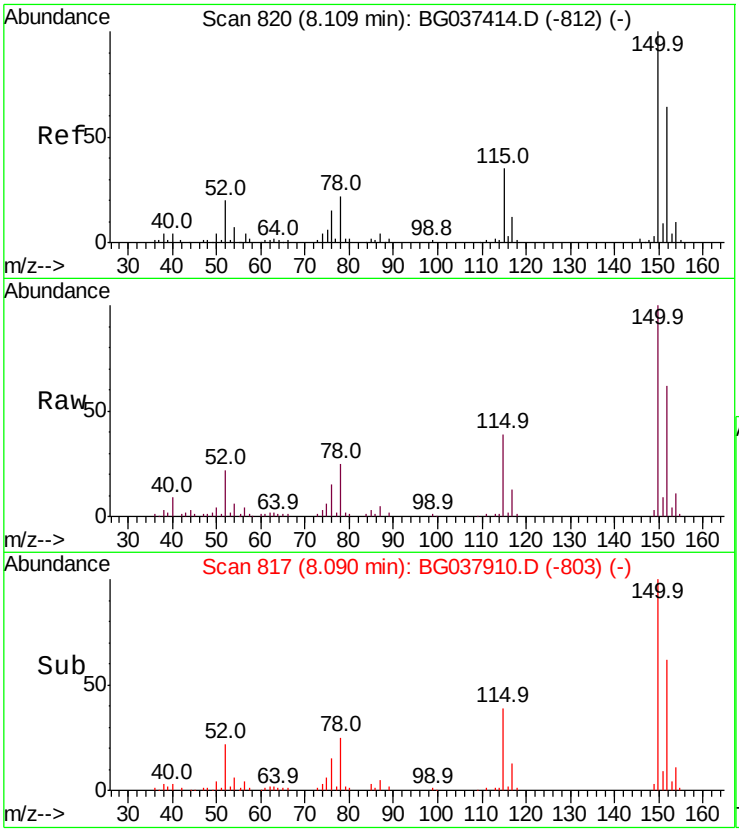
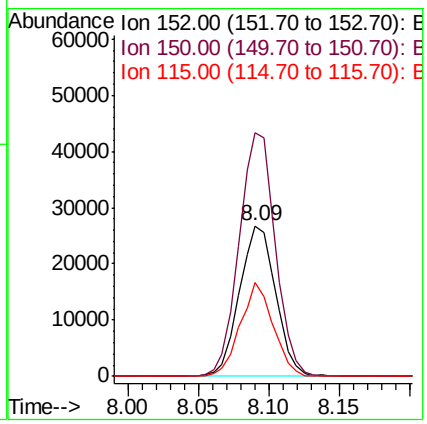


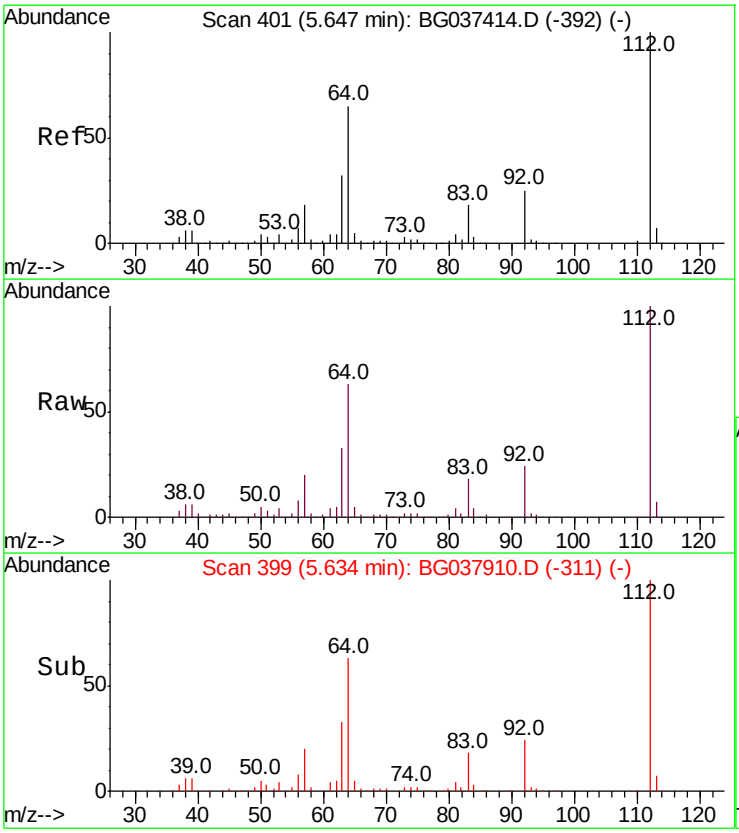


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:152 Resp: 47969

Ion	Ratio	Lower	Upper
152	100		
150	161.7	126.0	189.0
115	62.7	45.5	68.3

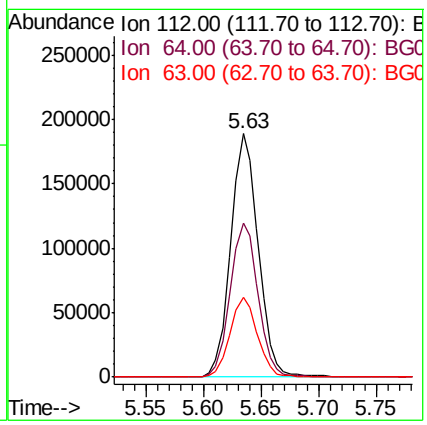


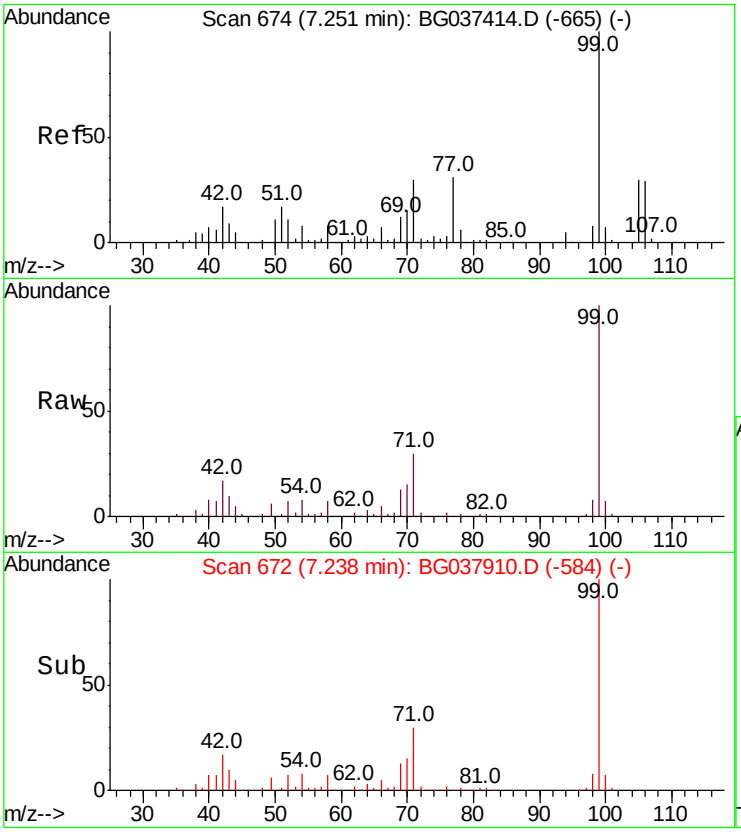


#5
2-Fluorophenol
Concen: 108.487 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:112 Resp: 311271

Ion	Ratio	Lower	Upper
112	100		
64	63.4	53.1	79.7
63	32.6	27.3	40.9

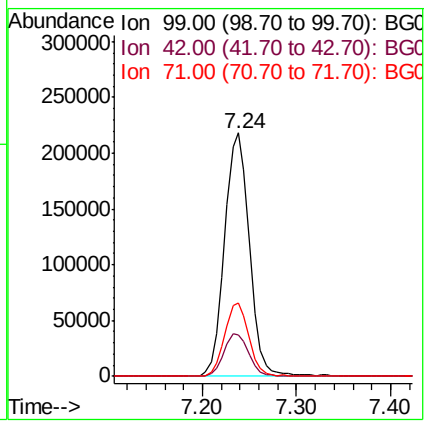


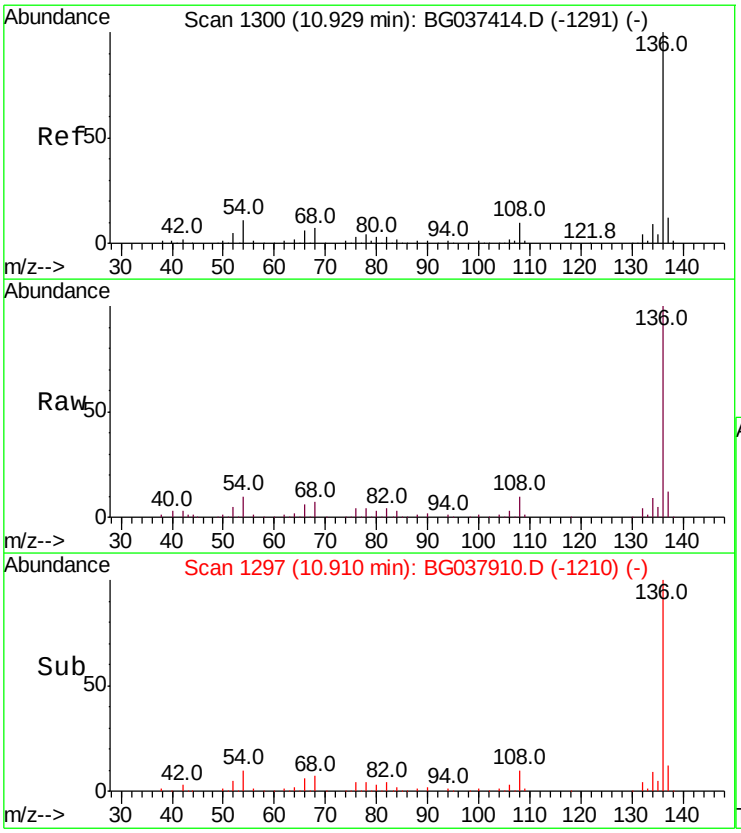


#7
Phenol-d6
Concen: 92.274 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion: 99 Resp: 400339

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.4
71	30.1	25.5	38.3

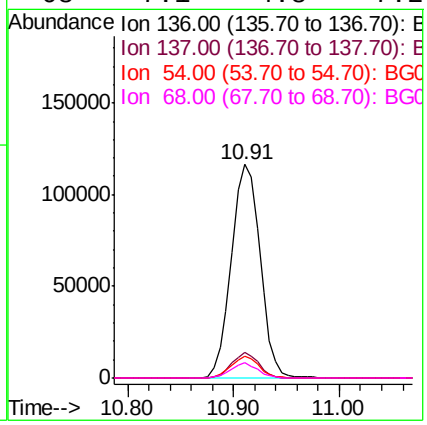


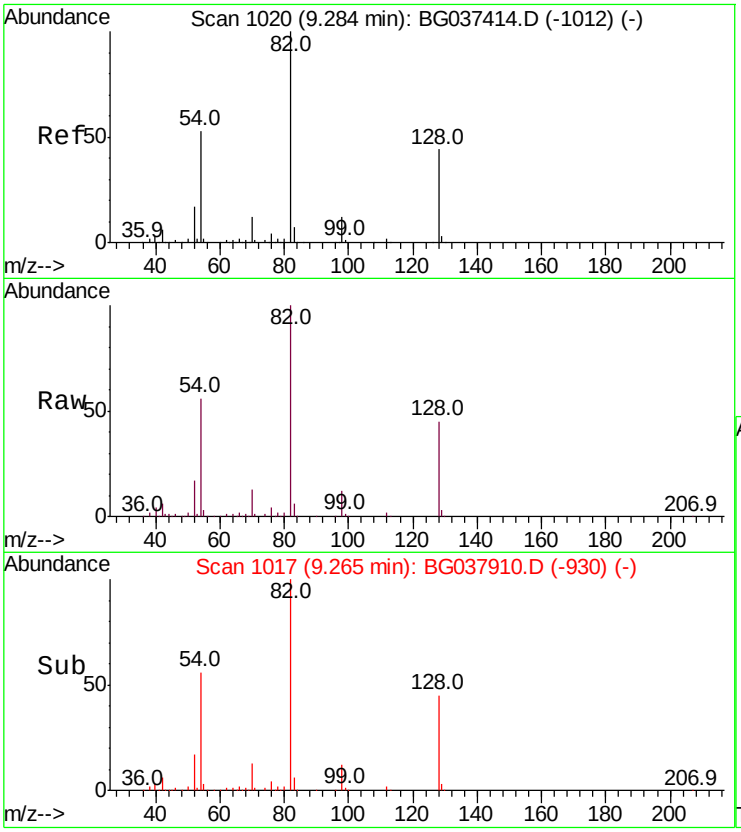


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:136 Resp: 219210

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.0	7.9	11.9
68	7.1	4.8	7.2

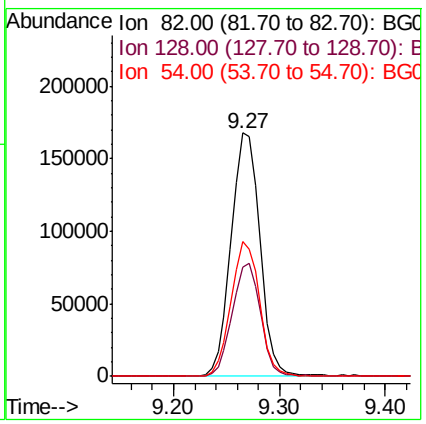


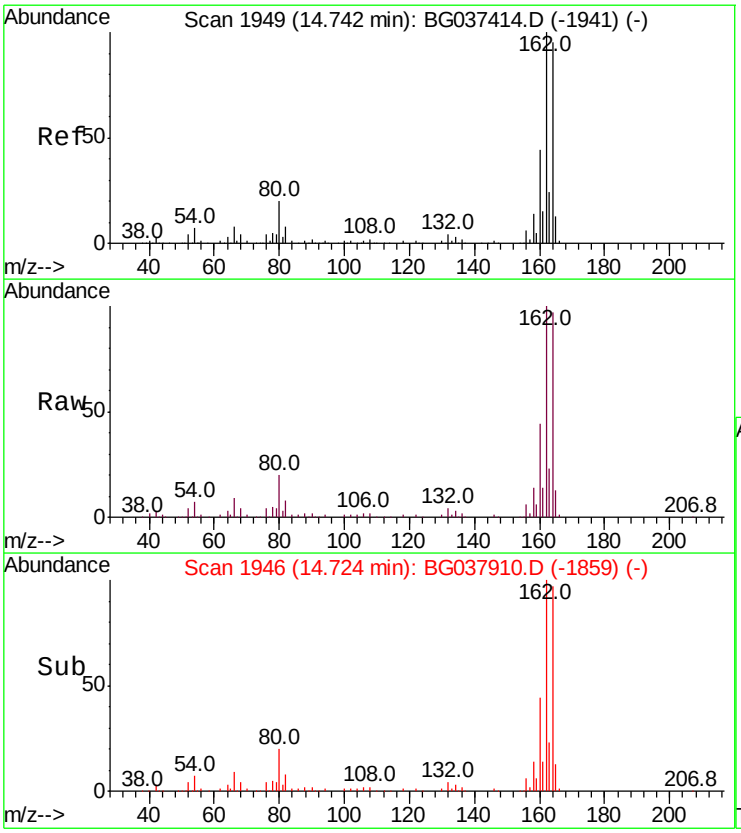


#23
Nitrobenzene-d5
Concen: 81.007 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion: 82 Resp: 316993

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	55.5	45.3	67.9

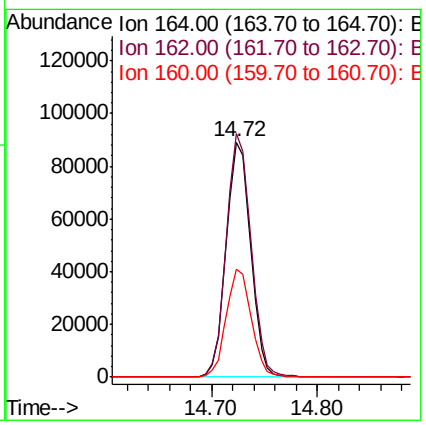


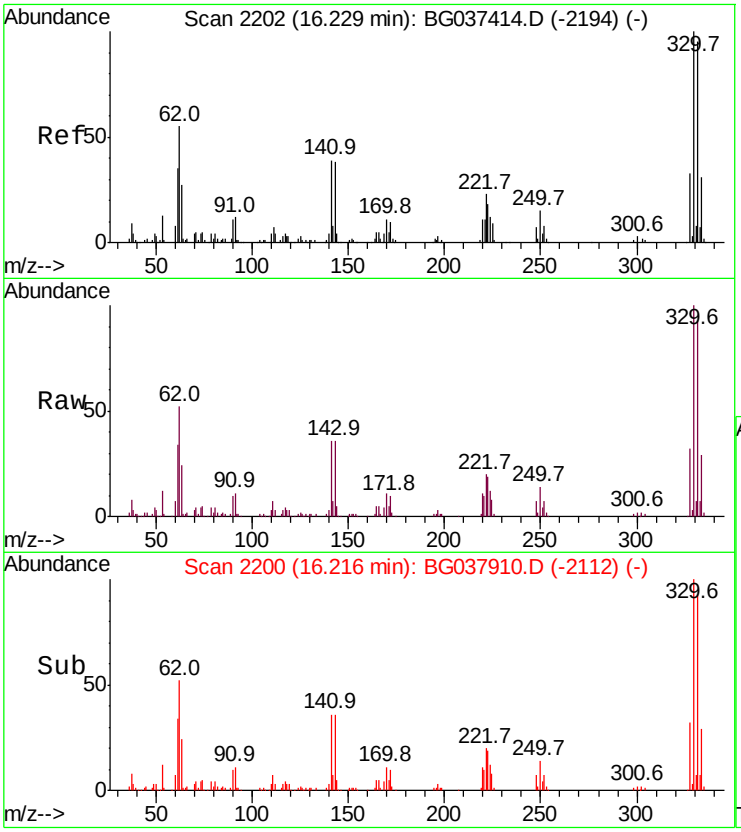


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:164 Resp: 142815

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.3	121.9
160	45.9	36.3	54.5

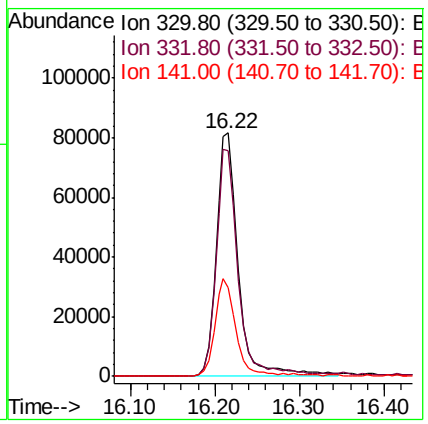


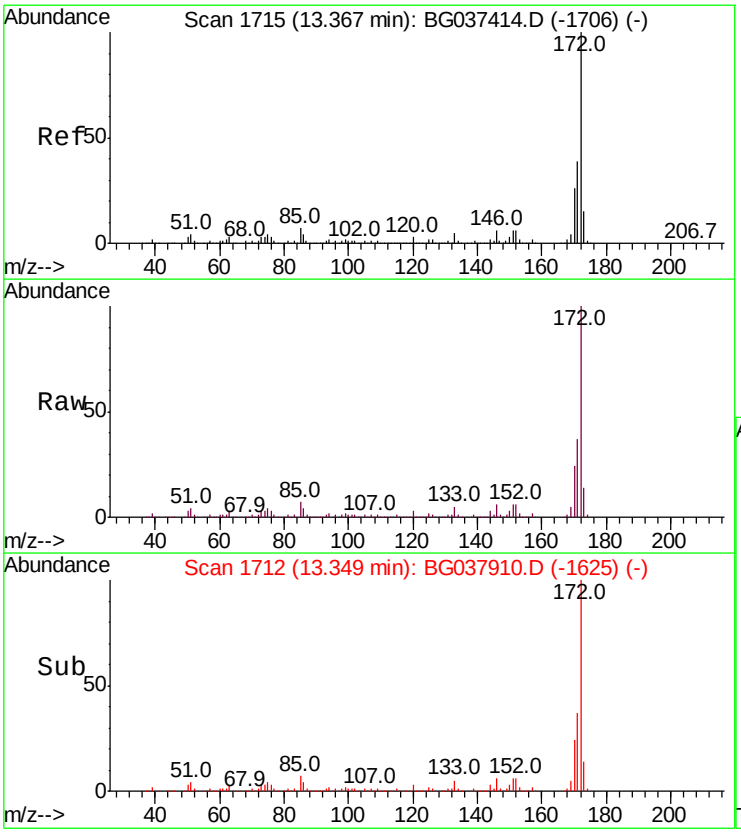


#42
2,4,6-Tribromophenol
Concen: 95.728 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:330 Resp: 149112

Ion	Ratio	Lower	Upper
330	100		
332	92.9	78.4	117.6
141	38.7	32.2	48.2

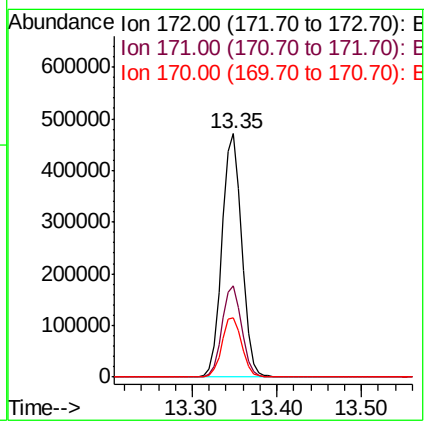


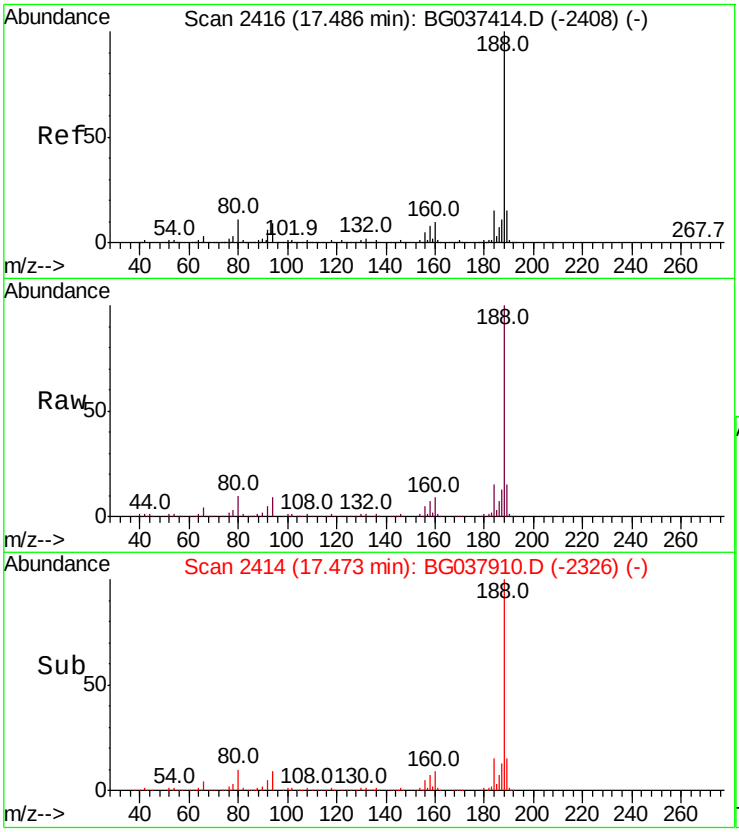


#45
2-Fluorobiphenyl
Concen: 80.942 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:172 Resp: 766588

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	24.5	20.2	30.2

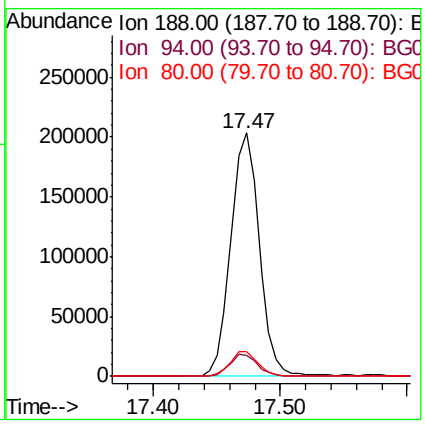


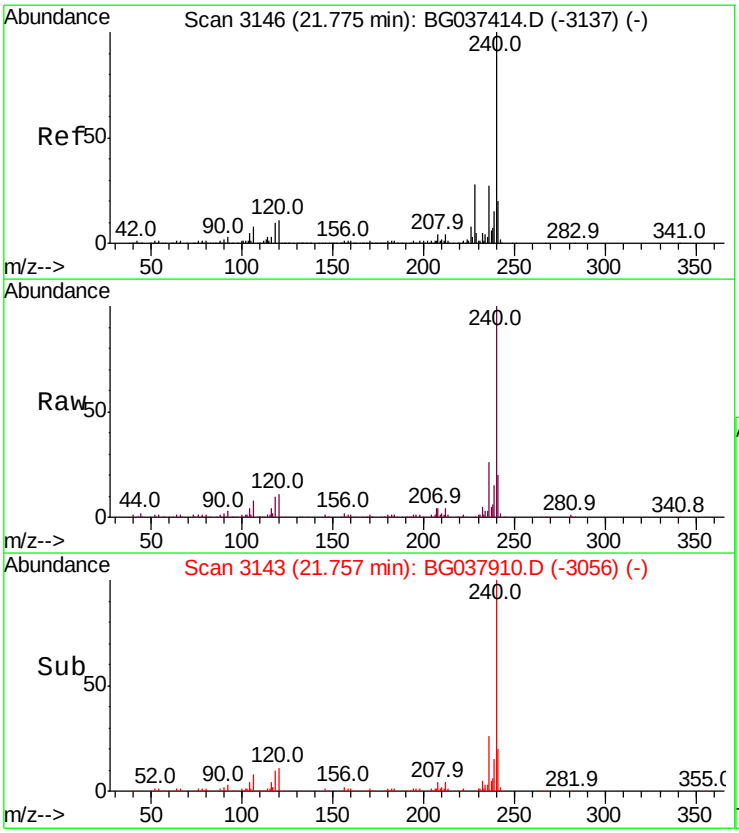


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:188 Resp: 316417

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.0	7.7	11.5

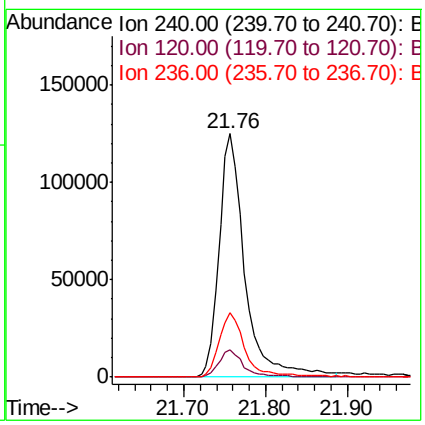


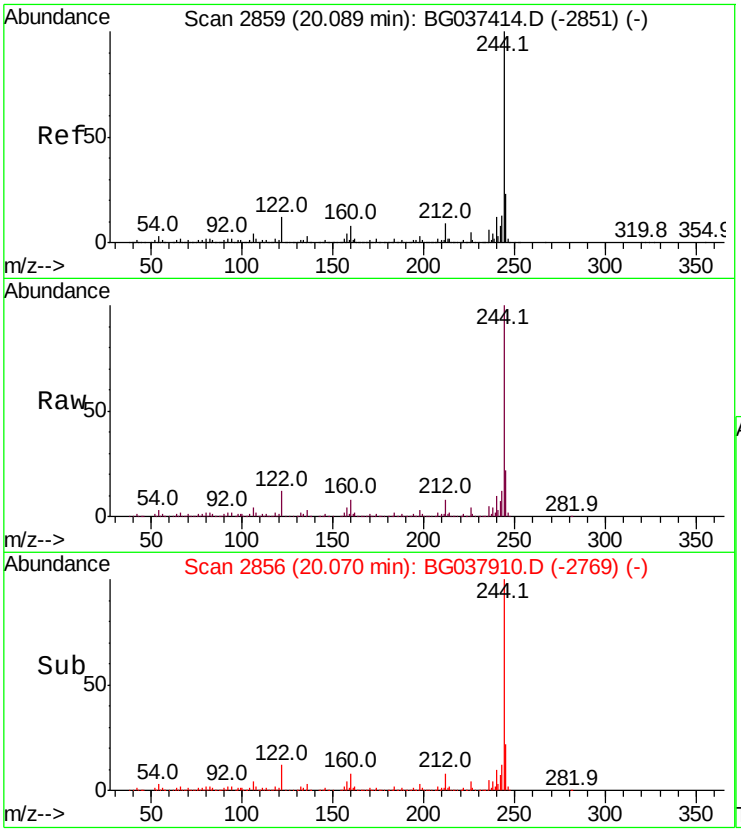


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:240 Resp: 273857

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	26.4	21.4	32.0

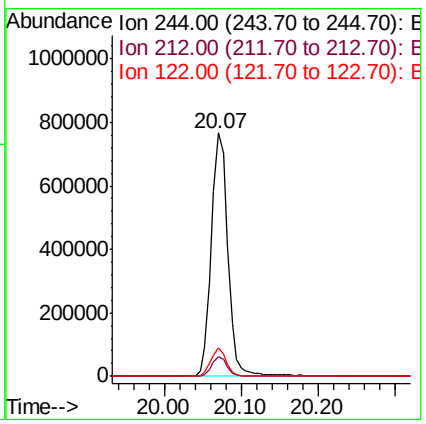


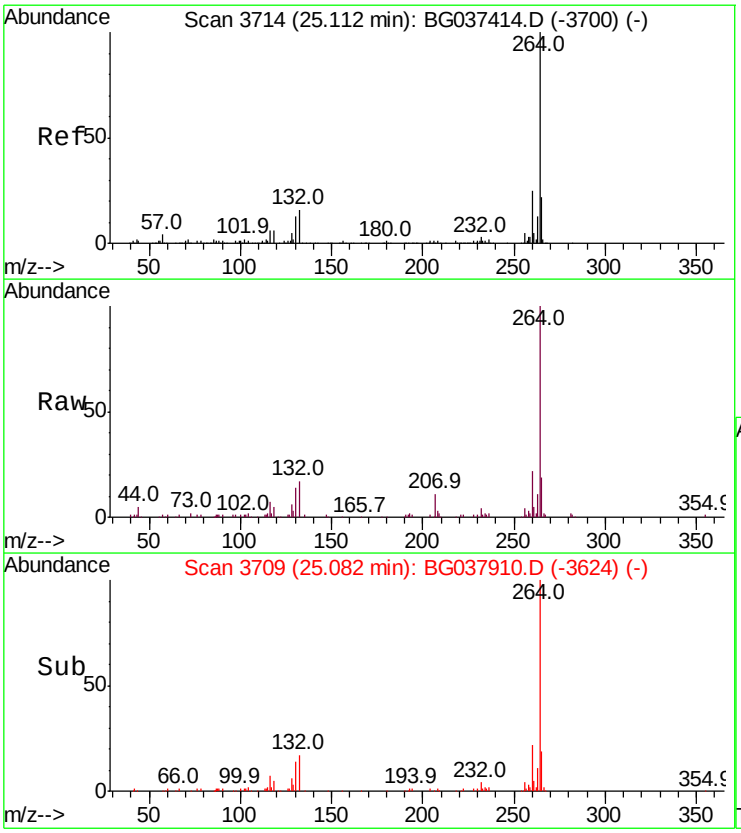


#79
Terphenyl-d14
Concen: 88.667 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:244 Resp: 1136393

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:264 Resp: 216421

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	19.4	17.9	26.9