Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037616.D
Acq On : 29 Oct 2018 10:39
Operator : JU/SJ
Sample : J5690-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

Quant Time: Oct 30 14:48:08 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	8.10	152	56990	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	249098	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	166942	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	403474	20.00	ng	0.00
76) Chrysene-d12	21.77	240	368433	20.00	ng	0.00
87) Perylene-d12	25.10	264	346246	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	182909	53.66	ng	0.00
7) Phenol-d6	7.24	99	166889	32.38	ng	0.00
23) Nitrobenzene-d5	9.28	82	355604	79.97	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	210116	115.40	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	857734	77.48	ng	0.00
79) Terphenyl-d14	20.08	244	1295104	75.11	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.97	128	226103	18.480	ng	99
37) 2-Methylnaphthalene	12.57	142	46232	5.184	ng	99
38) 1-Methylnaphthalene	12.79	142	517303	59.724	ng	99

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

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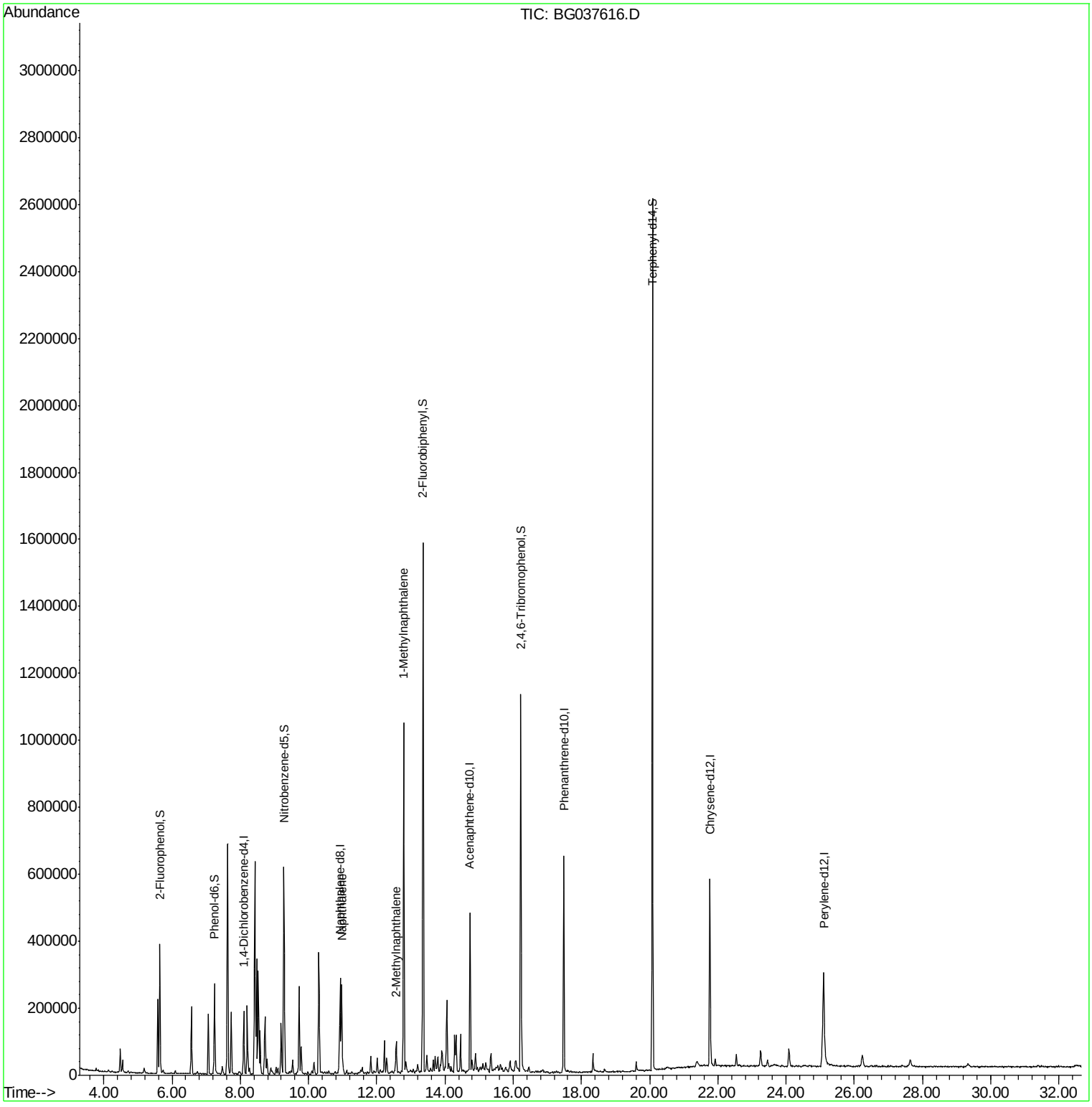
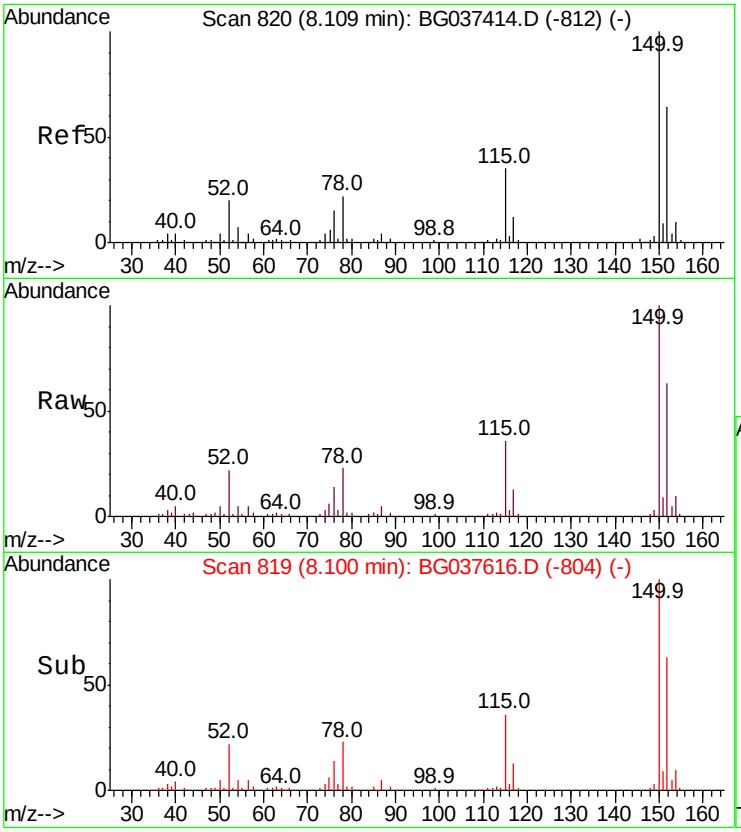


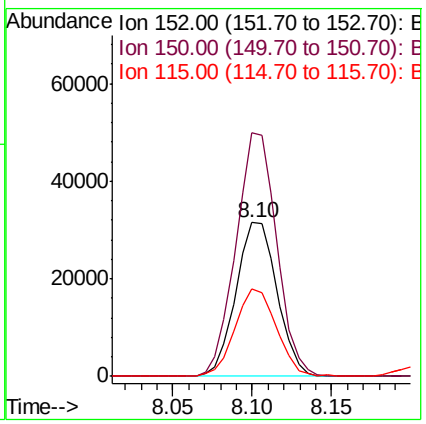


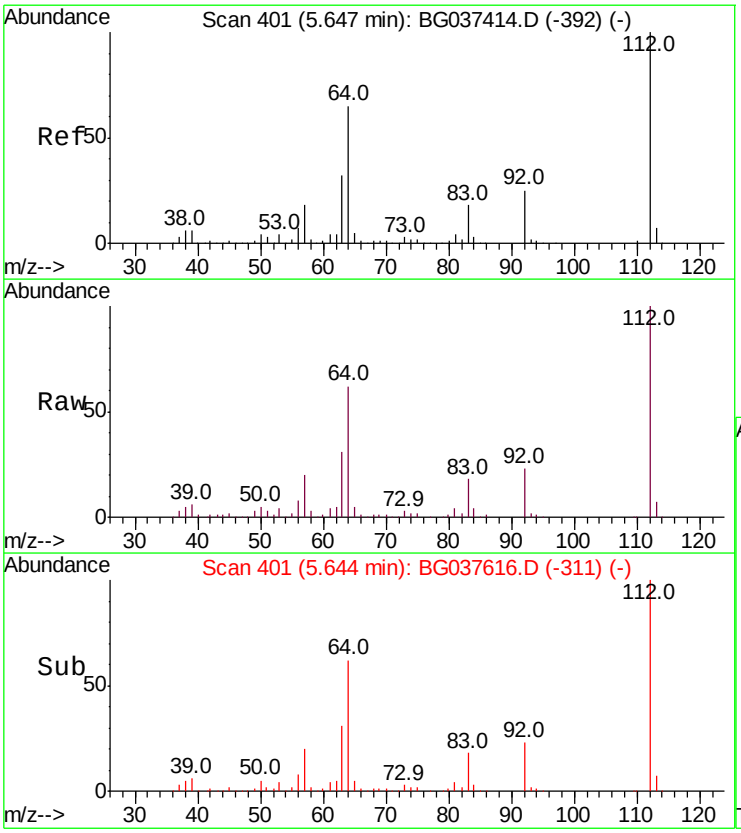
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:152 Resp: 56990

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.0	189.0
115	56.9	45.5	68.3

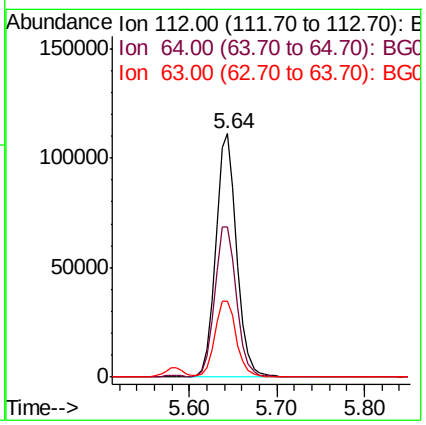


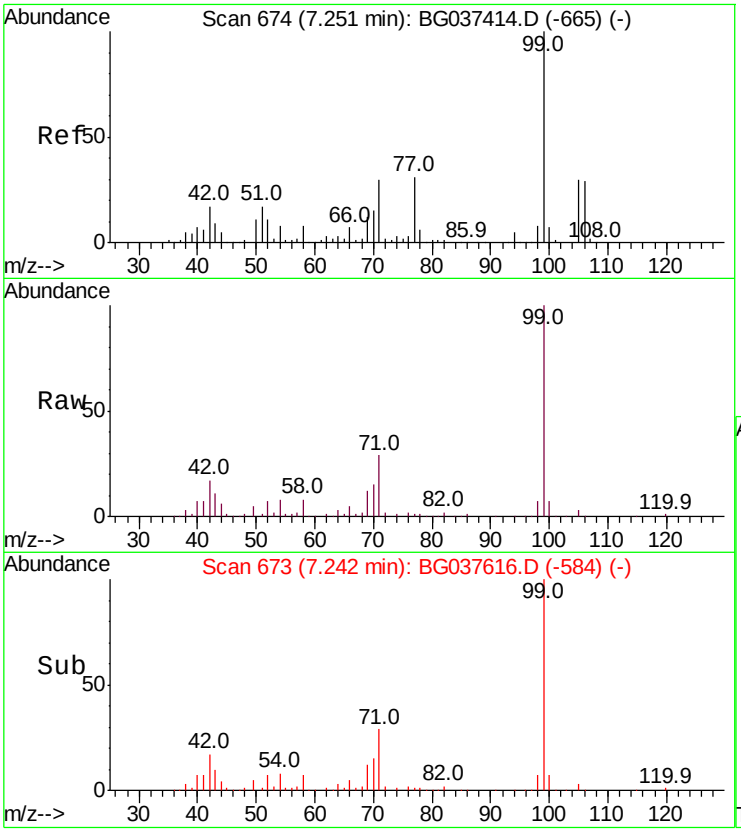


#5
2-Fluorophenol
Concen: 53.658 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion:112 Resp: 182909

Ion	Ratio	Lower	Upper
112	100		
64	61.9	53.1	79.7
63	31.2	27.3	40.9



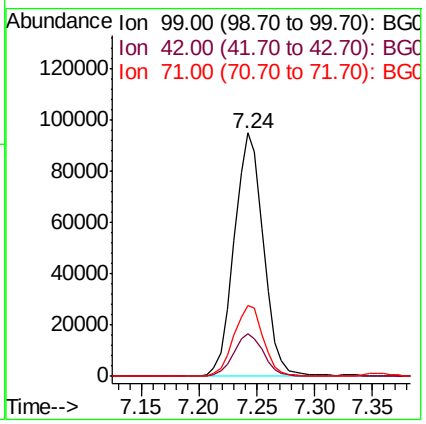


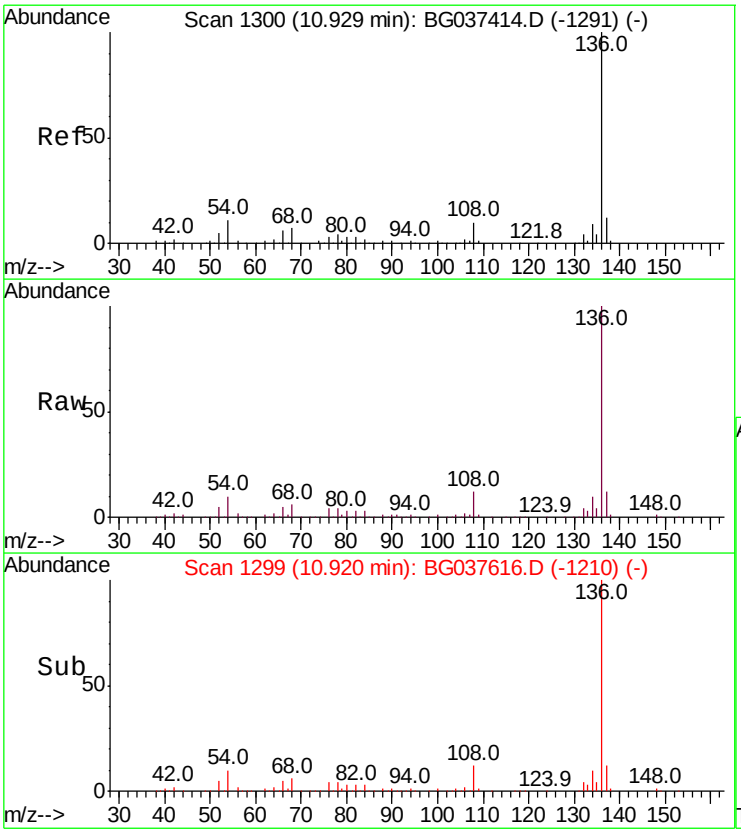
#7
Phenol-d6
Concen: 32.377 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion: 99 Resp: 166889

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	29.2	25.5	38.3

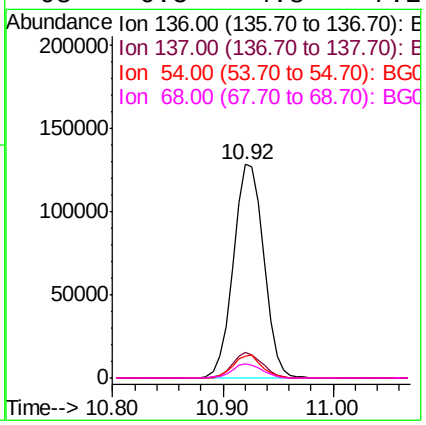


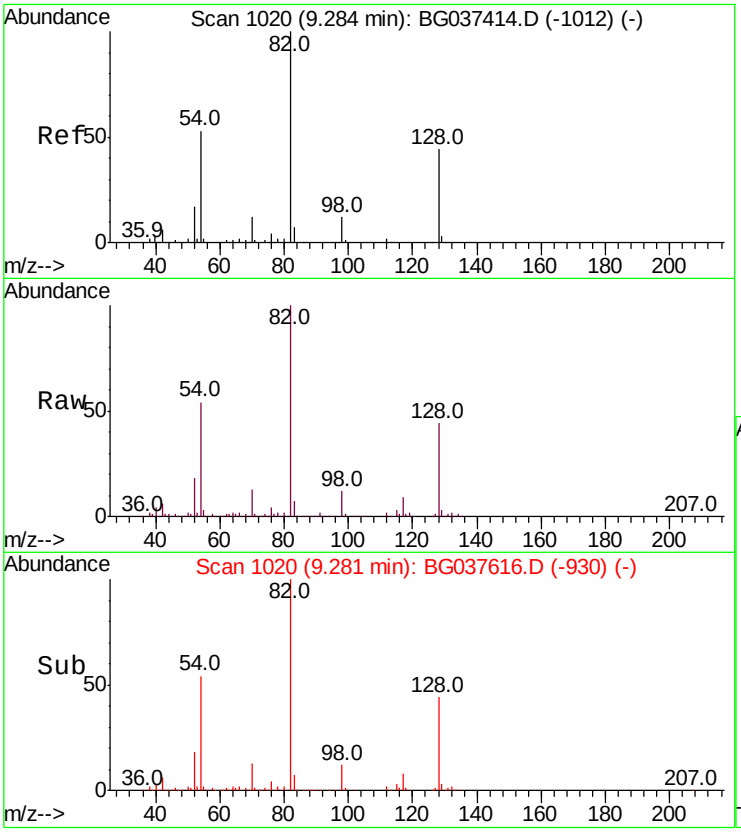


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion:136 Resp: 249098

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	10.1	7.9	11.9
68	6.5	4.8	7.2



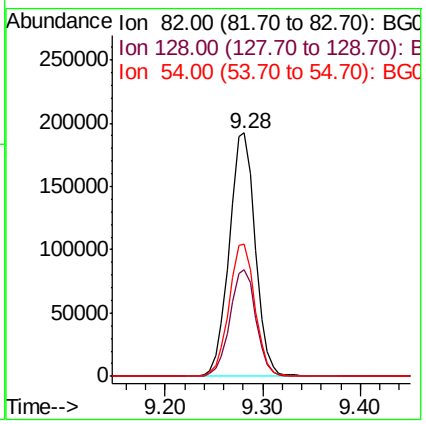


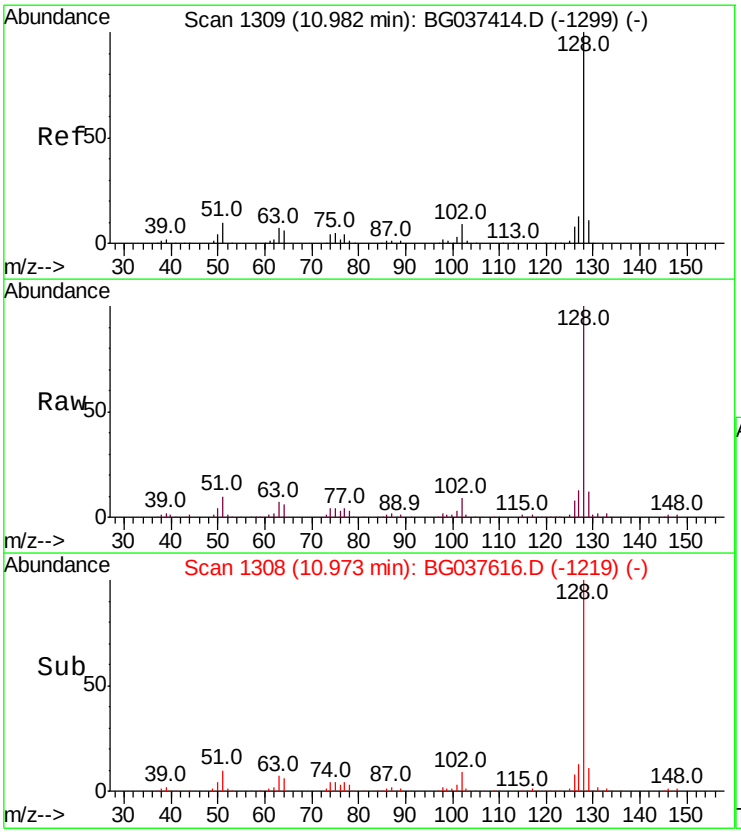
#23
Nitrobenzene-d5
Concen: 79.971 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion: 82 Resp: 355604

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	54.1	45.3	67.9

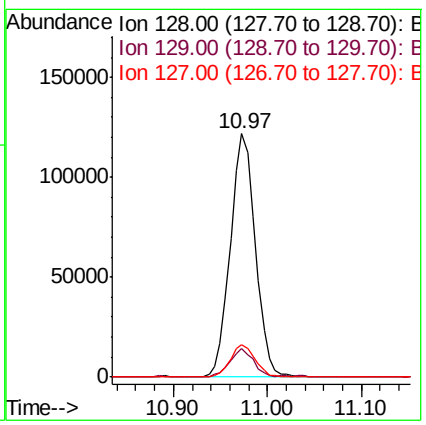


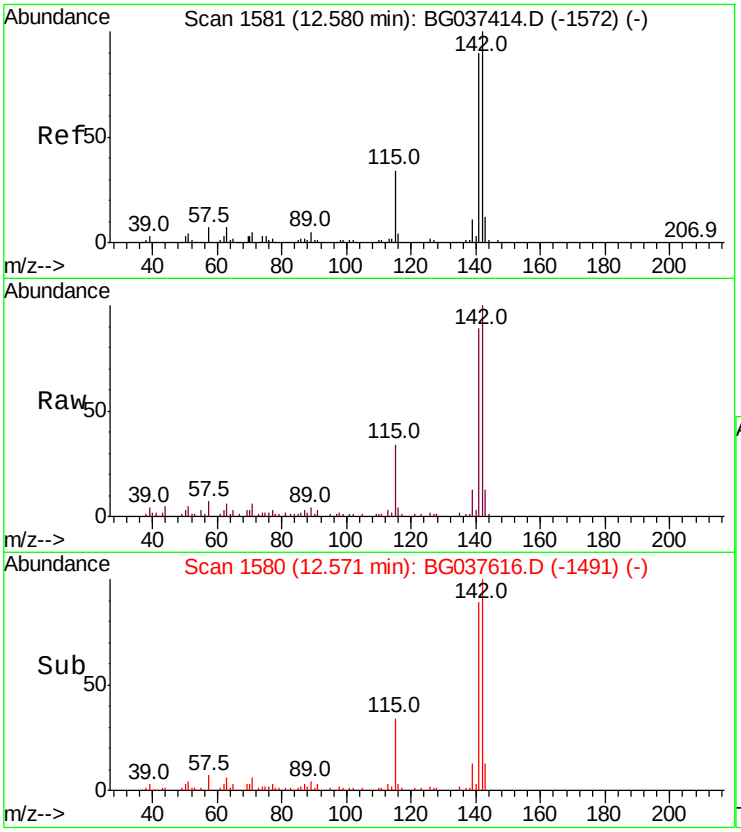


#31
Naphthalene
Concen: 18.480 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion:128 Resp: 226103

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.3	11.1	16.7



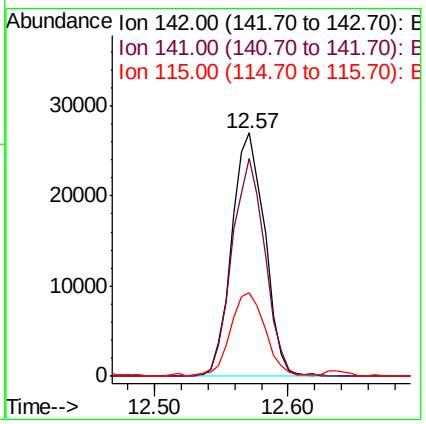


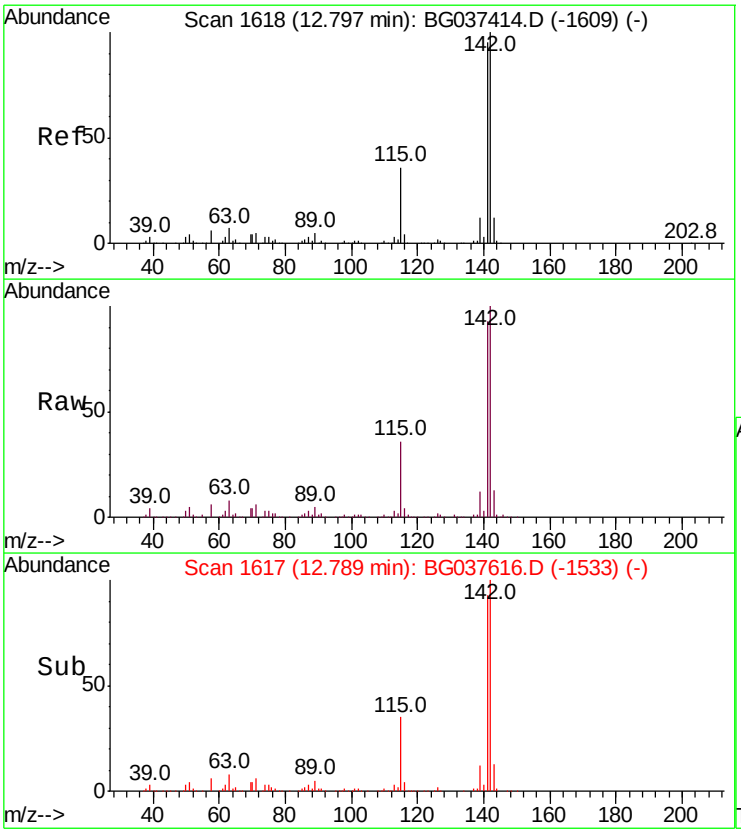
#37
2-Methylnaphthalene
Concen: 5.184 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:142 Resp: 46232

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	34.4	27.8	41.8

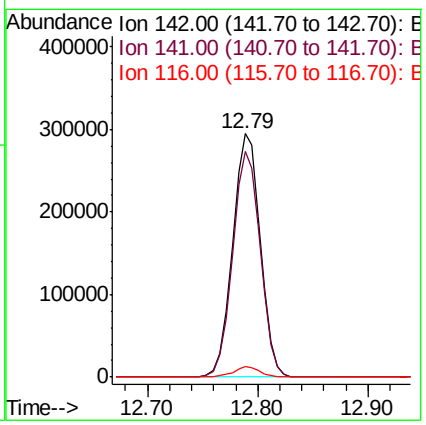


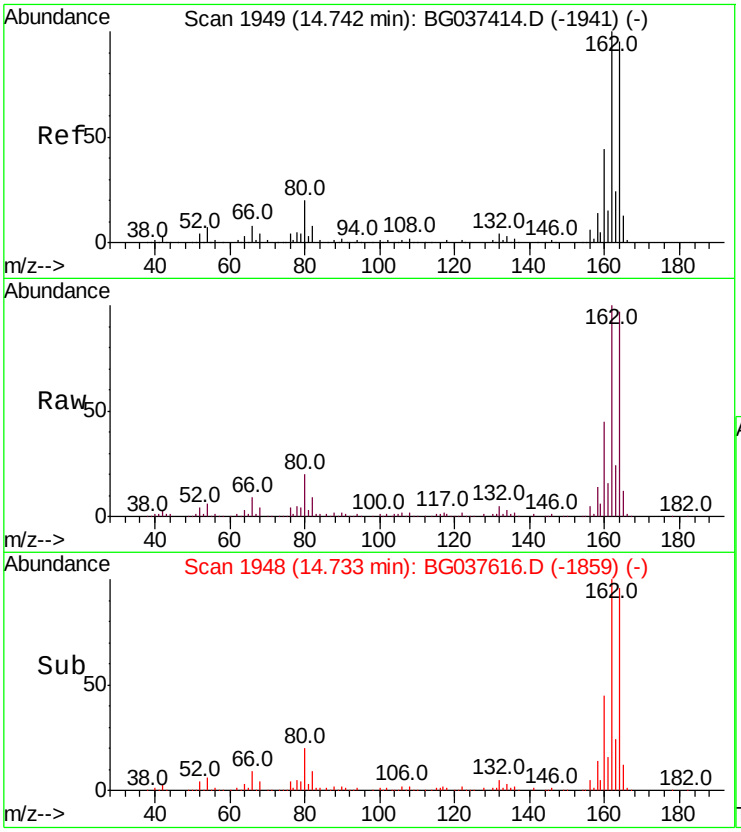


#38
1-Methylnaphthalene
Concen: 59.724 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion:142 Resp: 517303

Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.2	112.8
116	4.1	3.3	4.9



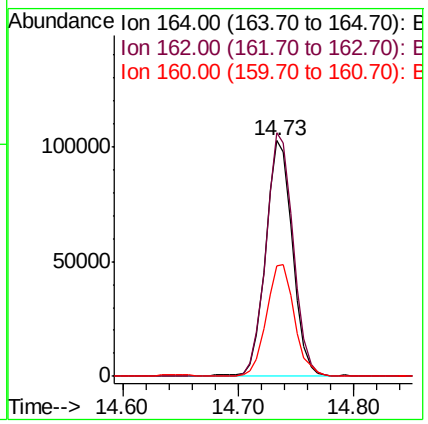


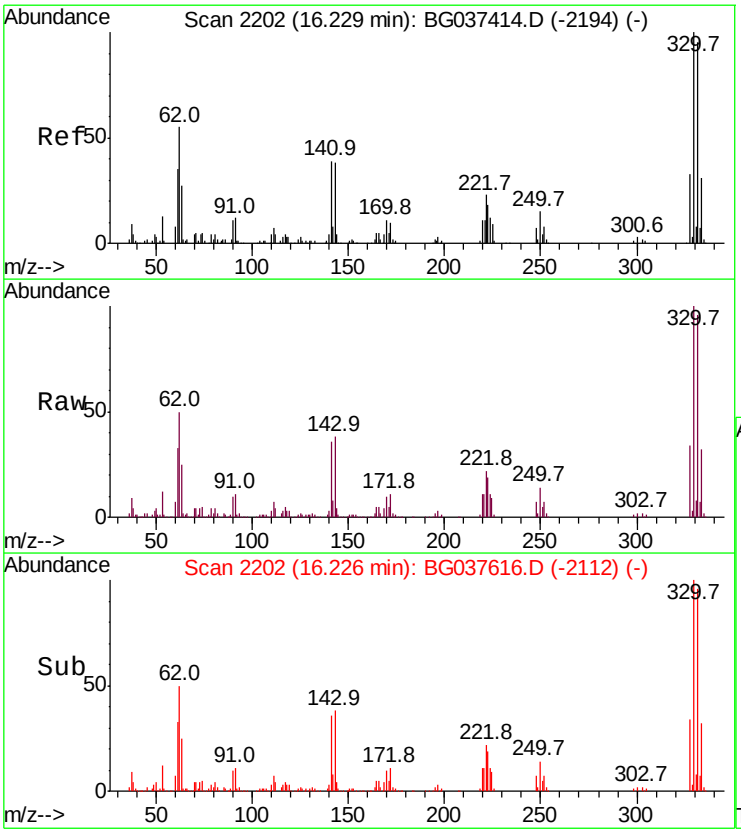
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:164 Resp: 166942

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	46.9	36.3	54.5

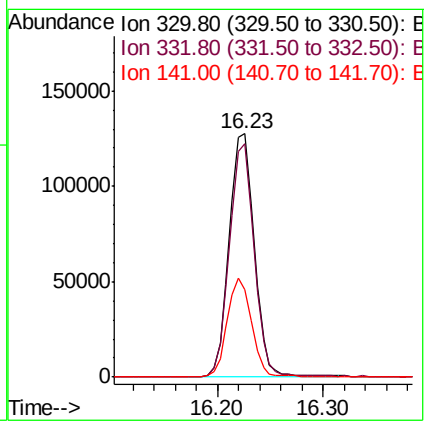


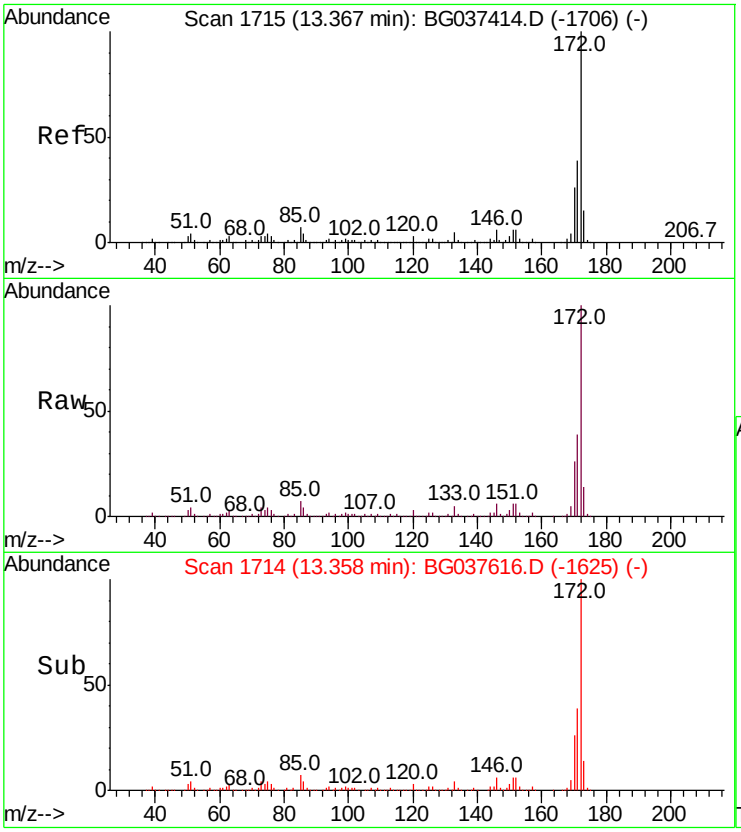


#42
2,4,6-Tribromophenol
Concen: 115.396 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion:330 Resp: 210116

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	39.4	32.2	48.2



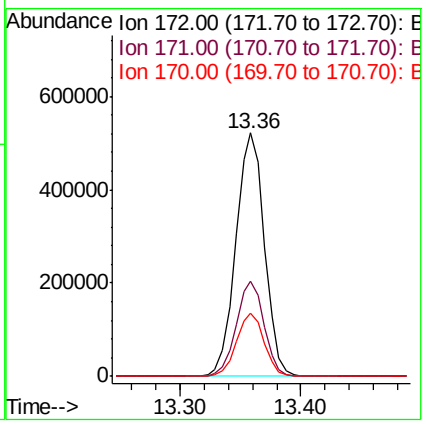


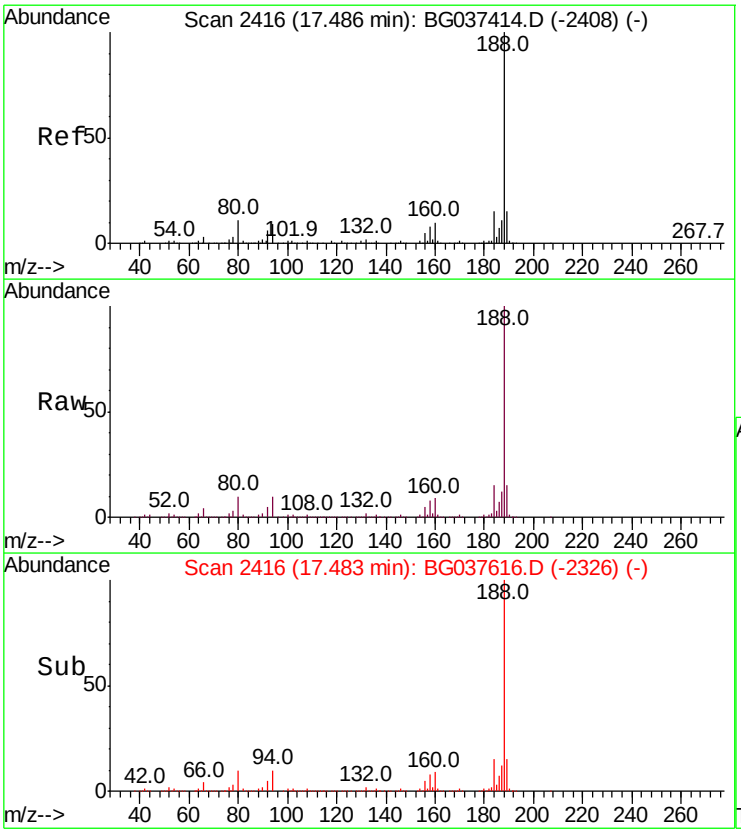
#45
2-Fluorobiphenyl
Concen: 77.477 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:172 Resp: 857734

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	25.8	20.2	30.2

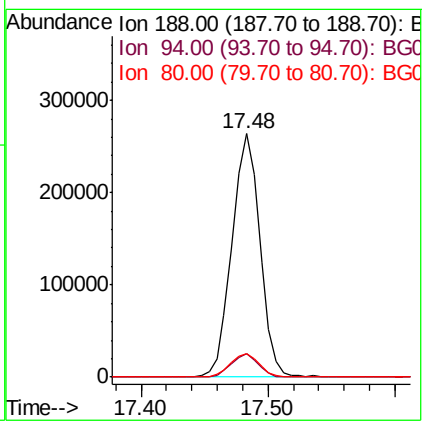


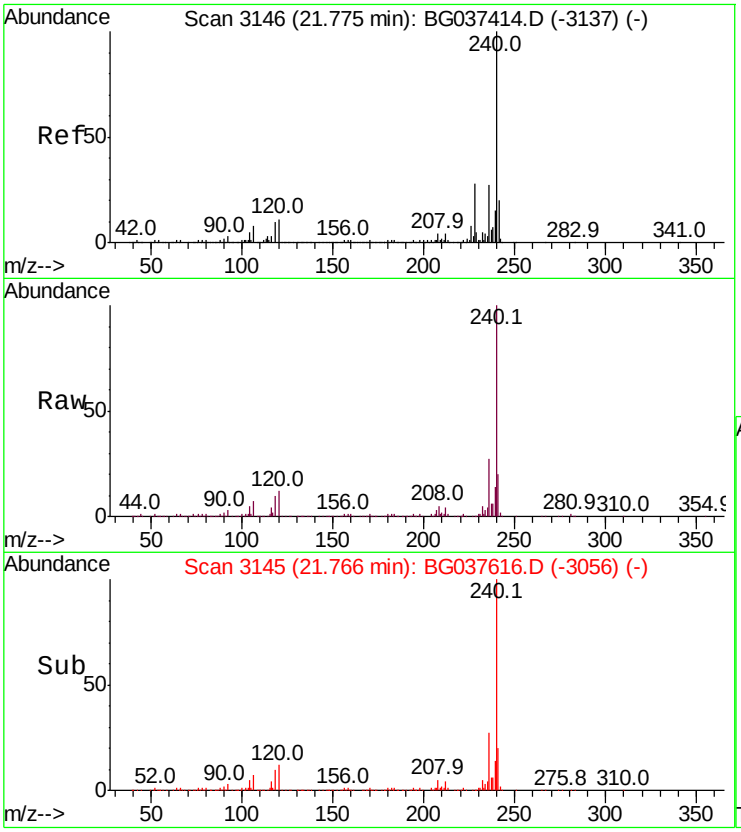


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion:188 Resp: 403474

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	9.9	7.7	11.5



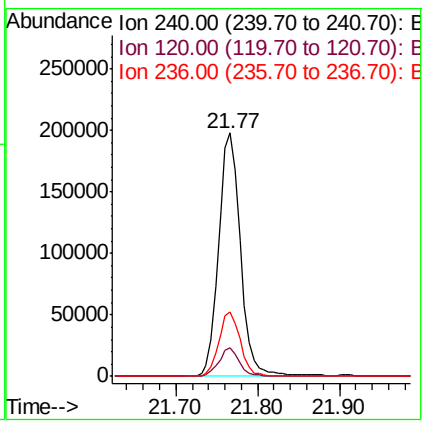


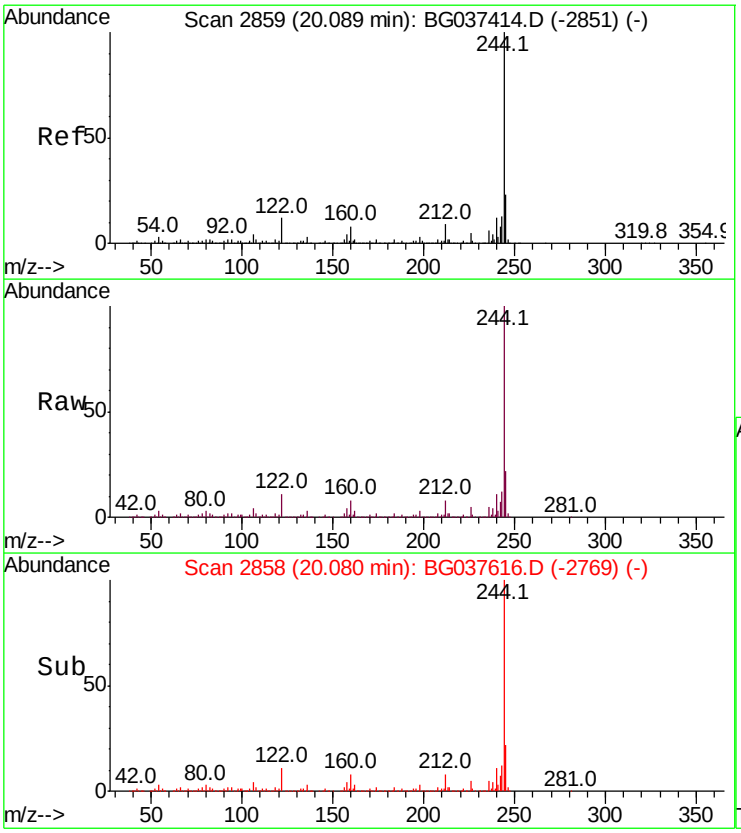
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:240 Resp: 368433

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	26.6	21.4	32.0

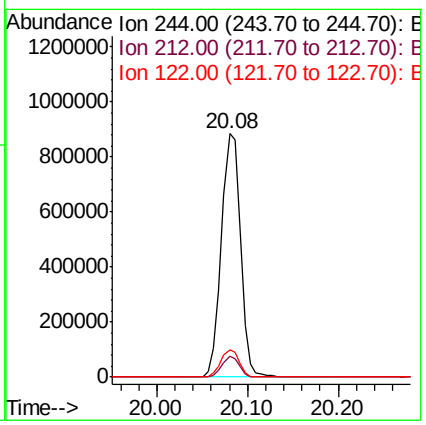


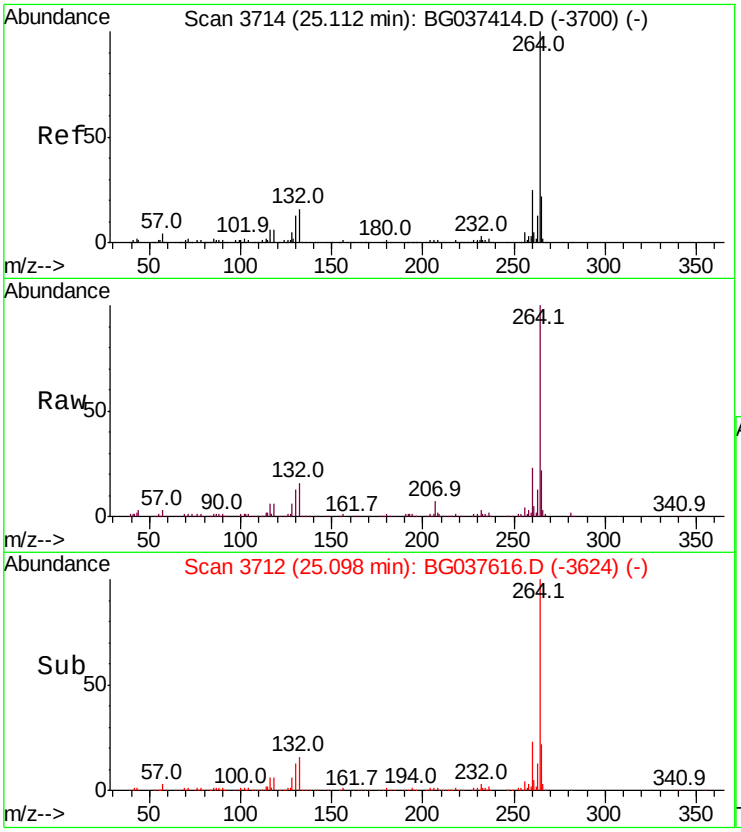


#79
Terphenyl-d14
Concen: 75.111 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Tgt Ion:244 Resp: 1295104

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037616.D
Acq: 29 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:264 Resp: 346246

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.0	17.9	26.9