Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037602.D
Acq On : 27 Oct 2018 4:56
Operator : JU/SJ
Sample : J5665-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DL-06B

Quant Time: Oct 27 07:07:29 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	49359	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	211168	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	144903	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	355374	20.00	ng	0.00
76) Chrysene-d12	21.77	240	334694	20.00	ng	0.00
87) Perylene-d12	25.11	264	295767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	324716	109.99	ng	0.00
7) Phenol-d6	7.24	99	413102	92.53	ng	0.00
23) Nitrobenzene-d5	9.28	82	301600	80.01	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	165719	104.86	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	741973	77.21	ng	0.00
79) Terphenyl-d14	20.08	244	1242281	79.31	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.08	122	19084	6.059	ng	100
31) Naphthalene	10.98	128	1919295	185.045	ng	95
37) 2-Methylnaphthalene	12.57	142	888553	117.521	ng	99
38) 1-Methylnaphthalene	12.79	142	568012	77.358	ng	99

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

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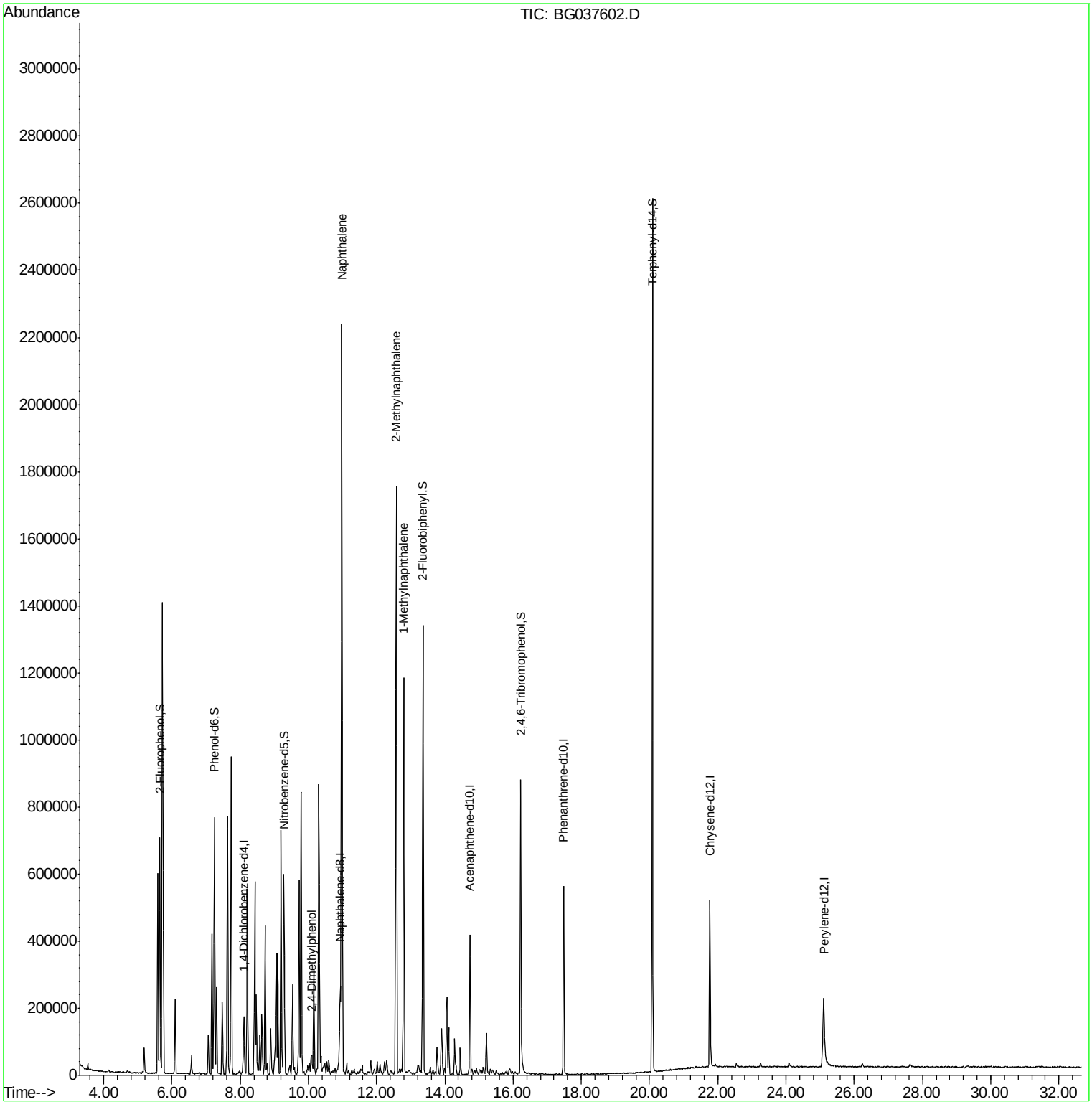
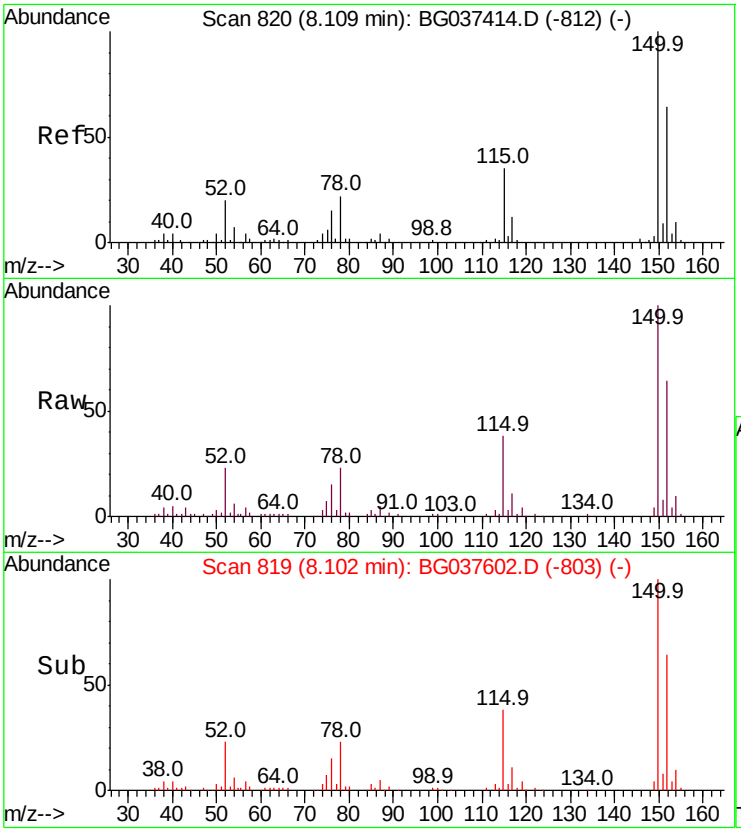


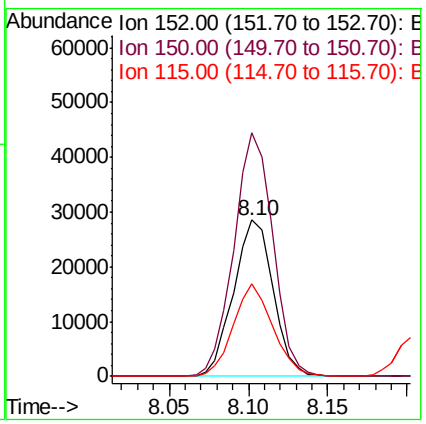


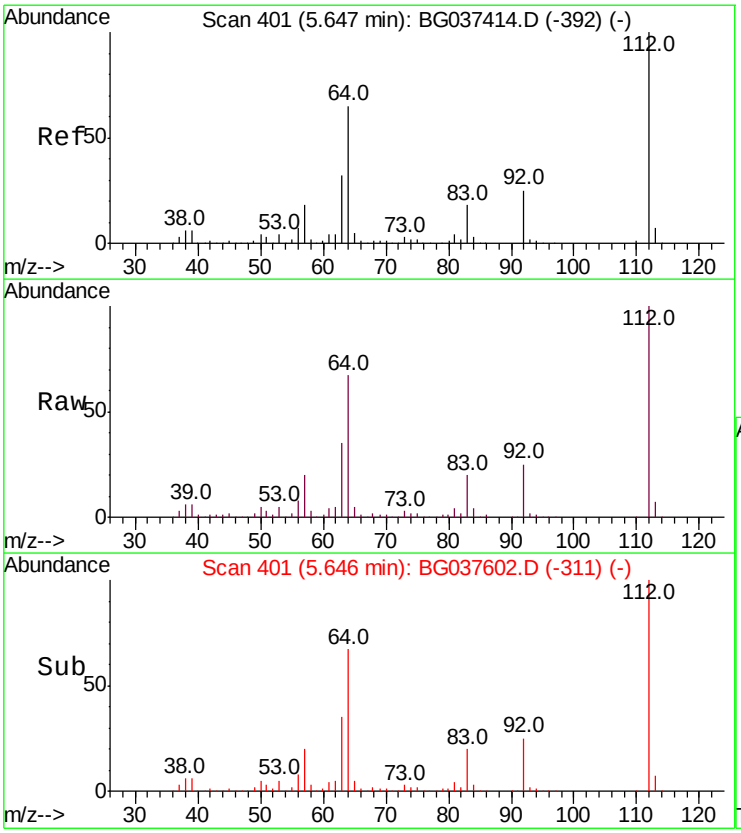
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Instrument :
BNA_G
ClientSampleId :
DL-06B

Tgt Ion:152 Resp: 49359

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.0	189.0
115	59.0	45.5	68.3

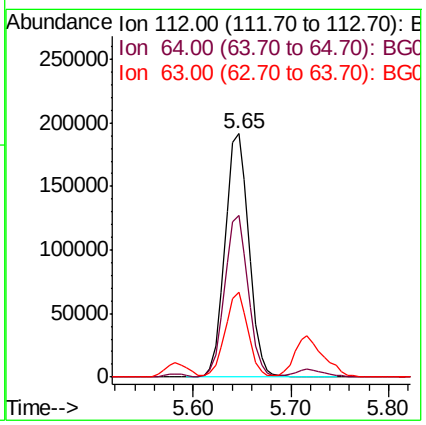


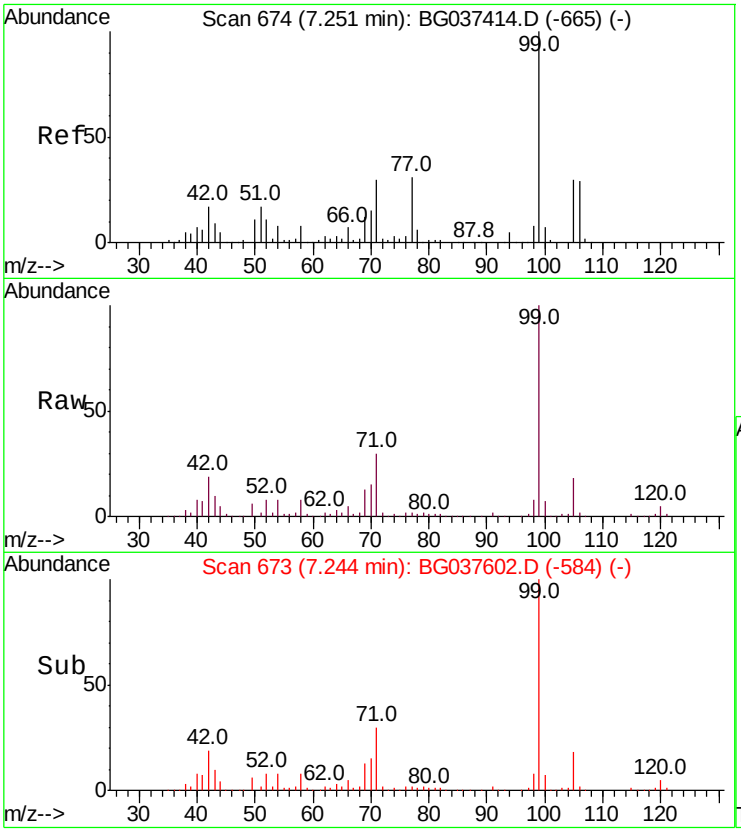


#5
2-Fluorophenol
Concen: 109.986 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion:112 Resp: 324716

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	34.7	27.3	40.9



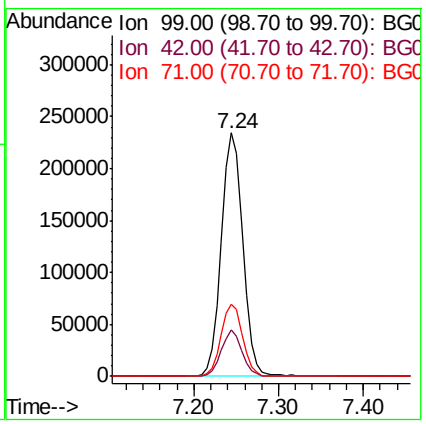


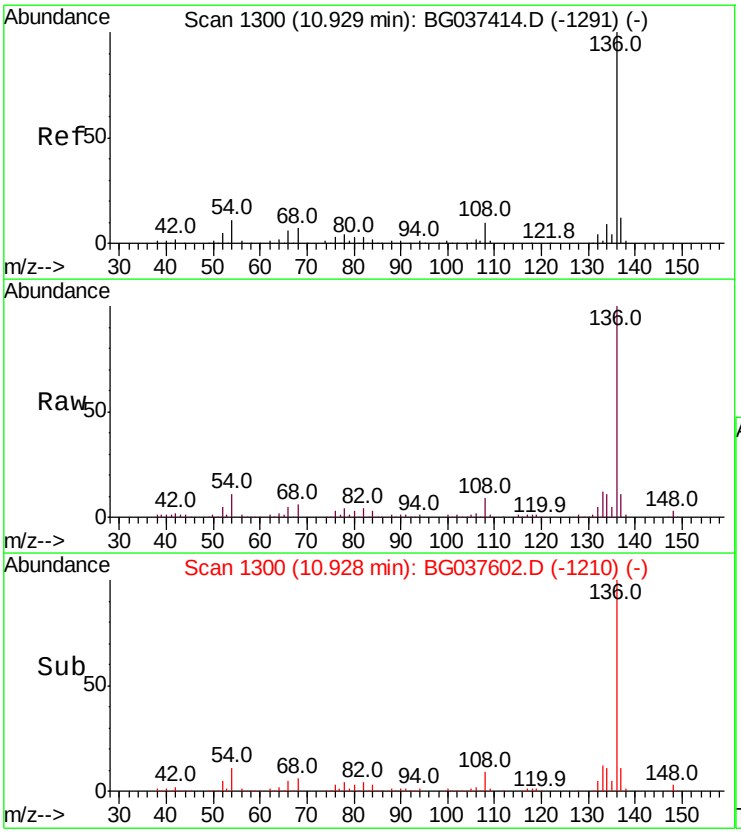
#7
Phenol-d6
Concen: 92.534 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Instrument :
BNA_G
ClientSampleId :
DL-06B

Tgt Ion: 99 Resp: 413102

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.4
71	29.8	25.5	38.3

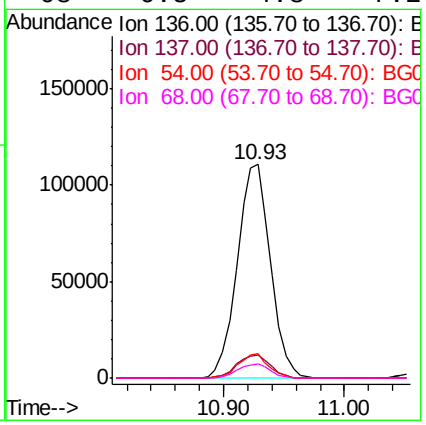


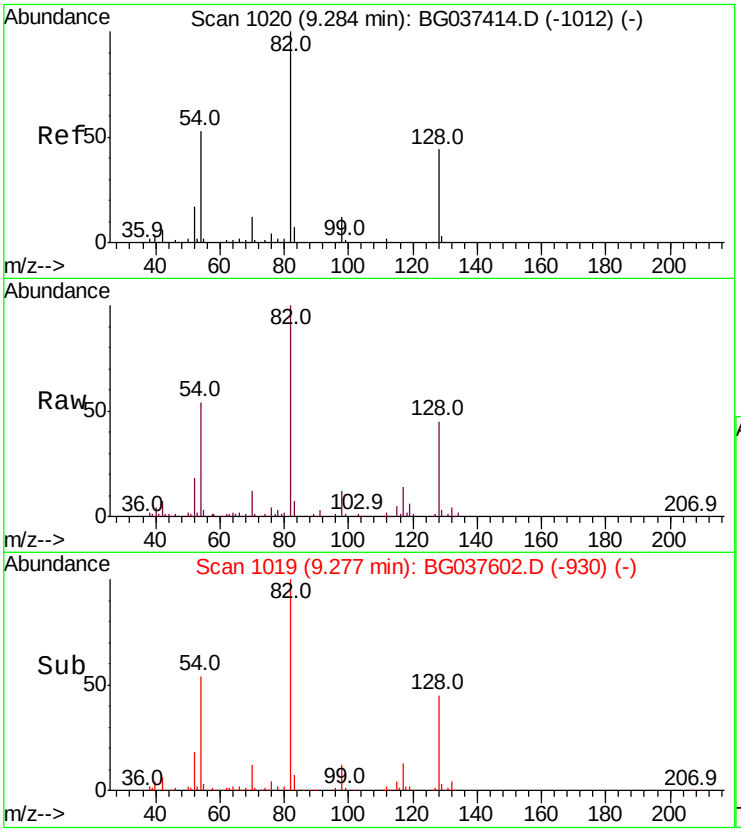


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion:136 Resp: 211168

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	11.2	7.9	11.9
68	6.5	4.8	7.2



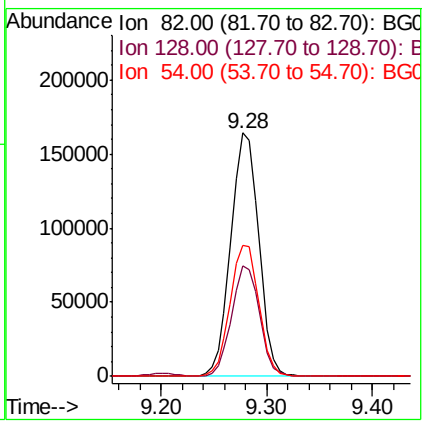


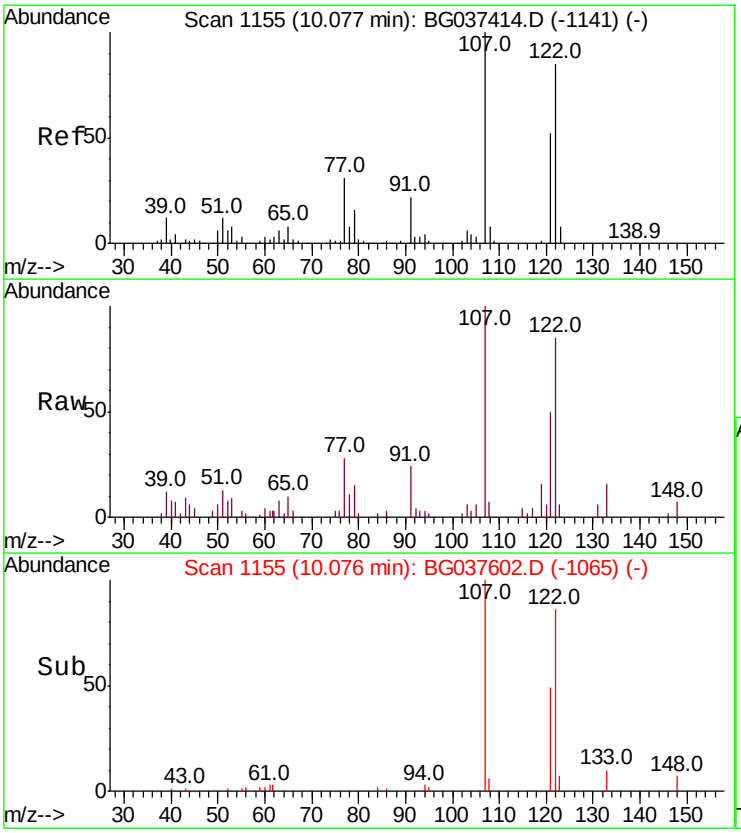
#23
Nitrobenzene-d5
Concen: 80.009 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Instrument :
BNA_G
ClientSampleId :
DL-06B

Tgt Ion: 82 Resp: 301600

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	54.0	45.3	67.9

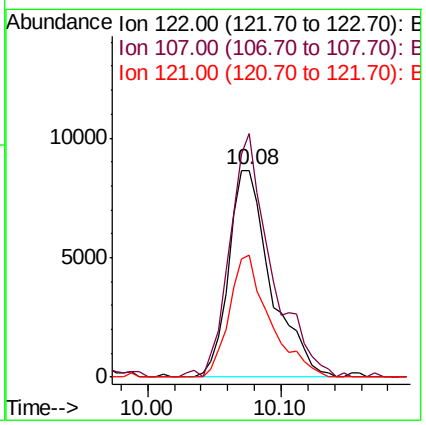


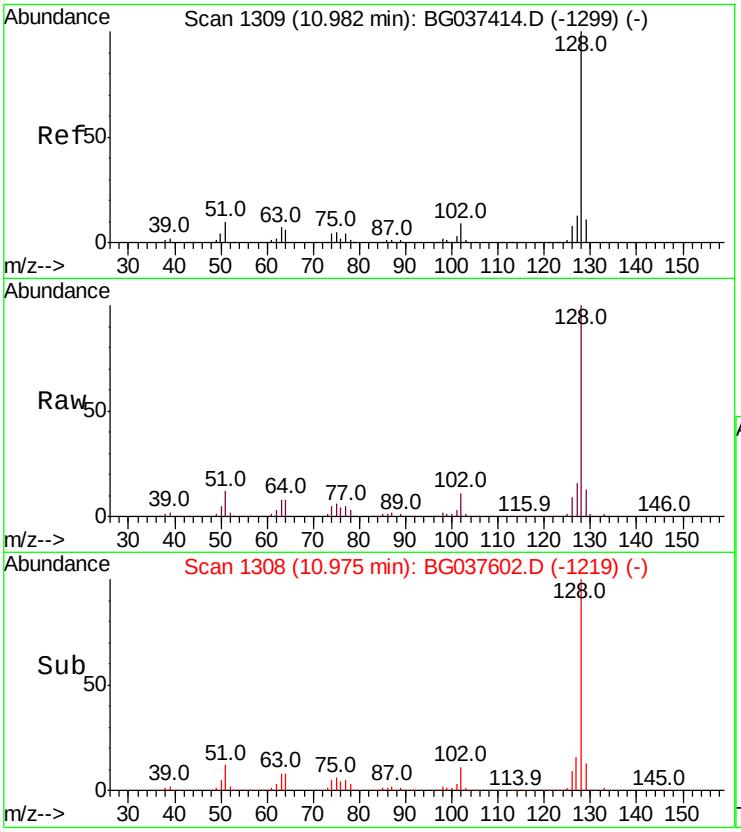


#27
2,4-Dimethylphenol
Concen: 6.059 ng
RT: 10.08 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion:122 Resp: 19084

Ion	Ratio	Lower	Upper
122	100		
107	117.8	94.2	141.2
121	59.3	47.3	70.9



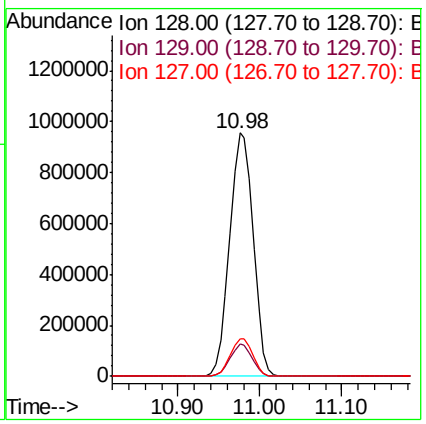


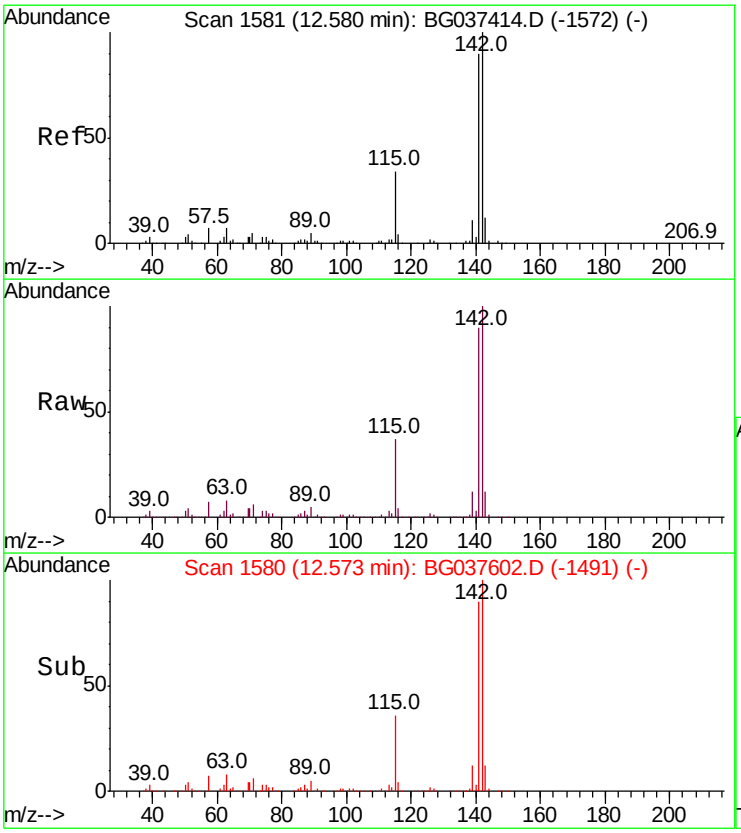
#31
Naphthalene
Concen: 185.045 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Instrument :
BNA_G
ClientSampleId :
DL-06B

Tgt Ion:128 Resp: 1919295

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.0	13.6
127	15.5	11.1	16.7

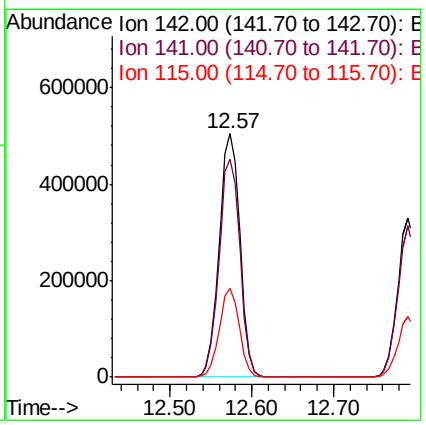


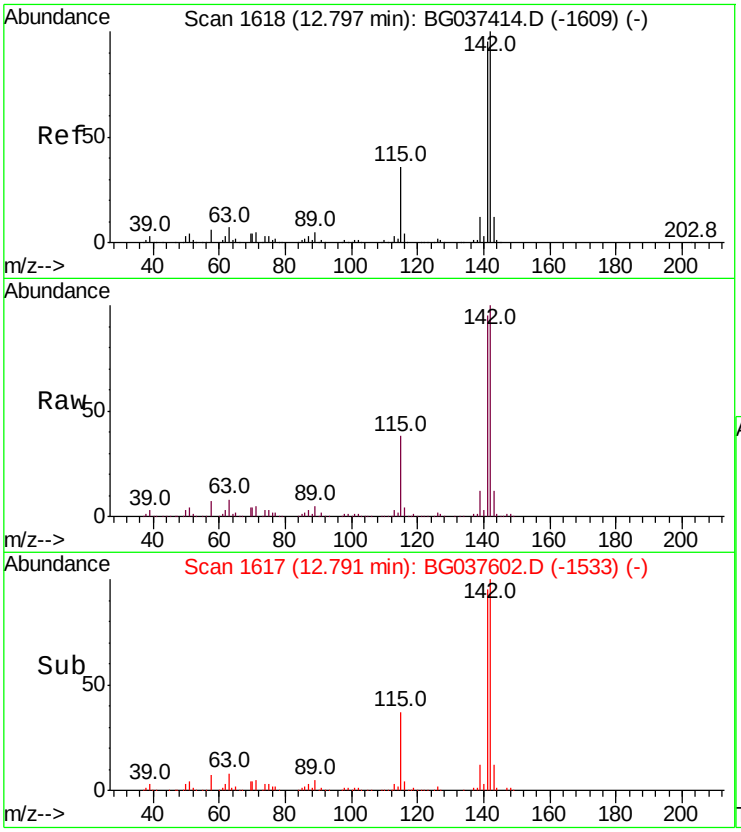


#37
2-Methylnaphthalene
Concen: 117.521 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion:142 Resp: 888553

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	36.5	27.8	41.8



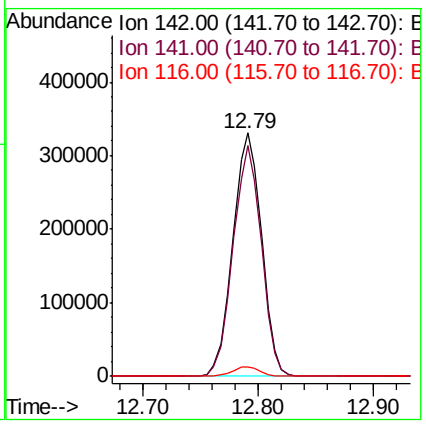


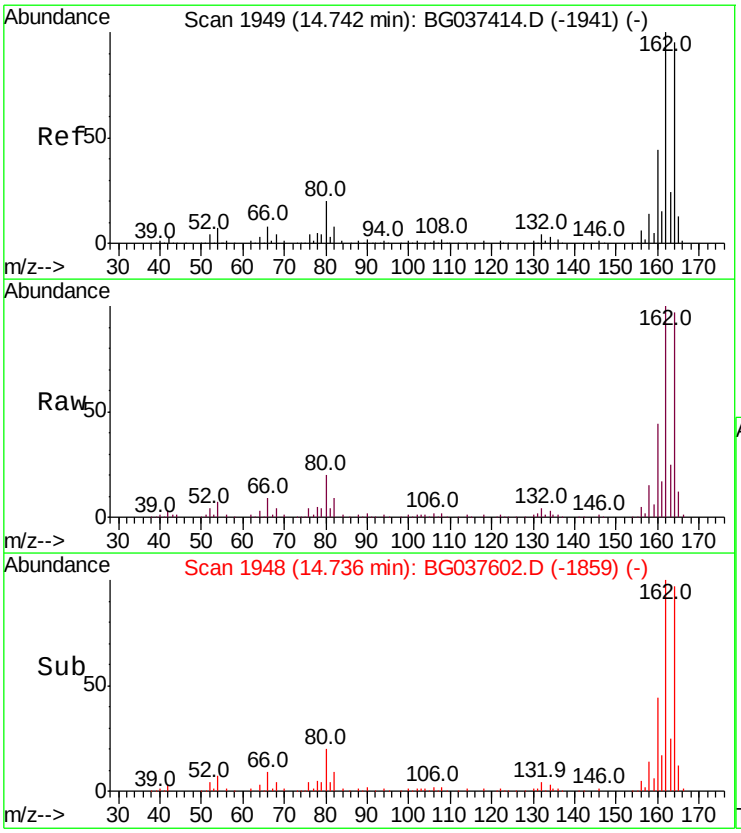
#38
1-Methylnaphthalene
Concen: 77.358 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Instrument :
BNA_G
ClientSampleId :
DL-06B

Tgt Ion:142 Resp: 568012

Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.2	112.8
116	4.0	3.3	4.9

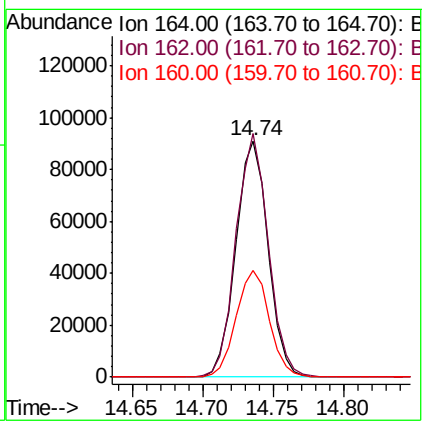


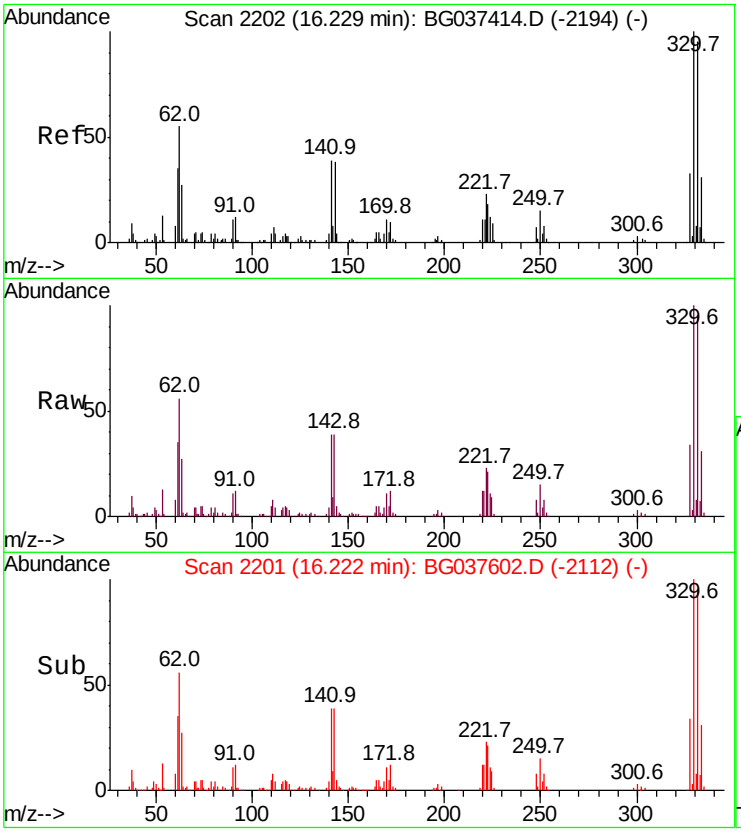


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion:164 Resp: 144903

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.3	121.9
160	45.1	36.3	54.5



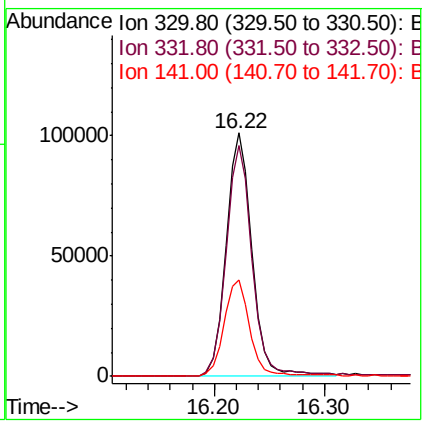


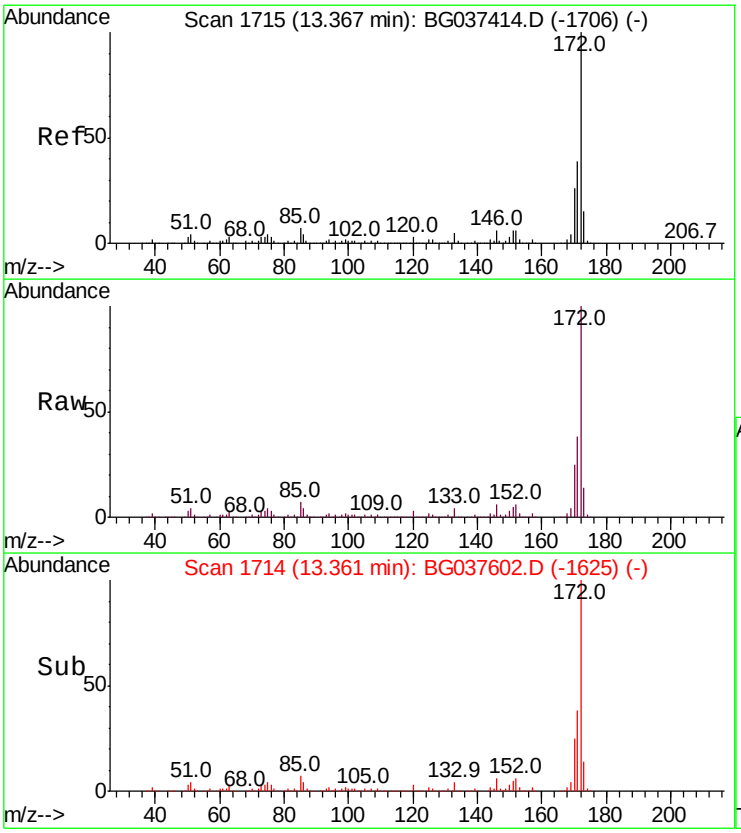
#42
2,4,6-Tribromophenol
Concen: 104.856 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Instrument :
BNA_G
ClientSampleId :
DL-06B

Tgt Ion:330 Resp: 165719

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.4	117.6
141	39.3	32.2	48.2

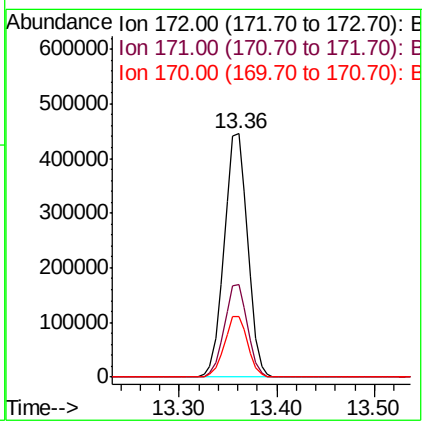


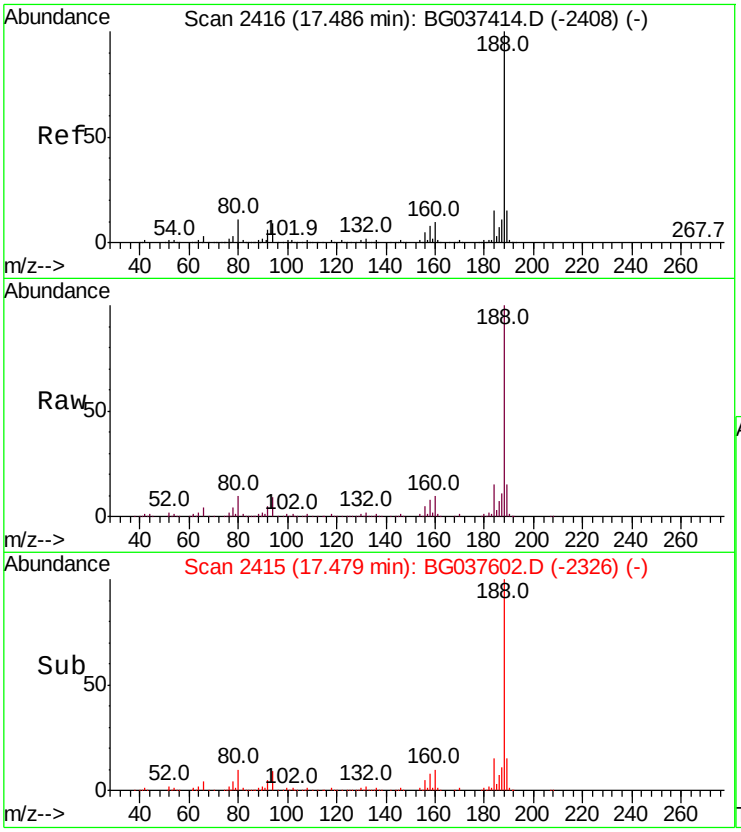


#45
2-Fluorobiphenyl
Concen: 77.214 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion:172 Resp: 741973

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.1	20.2	30.2



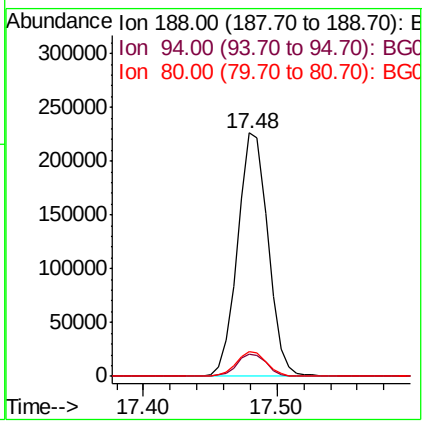


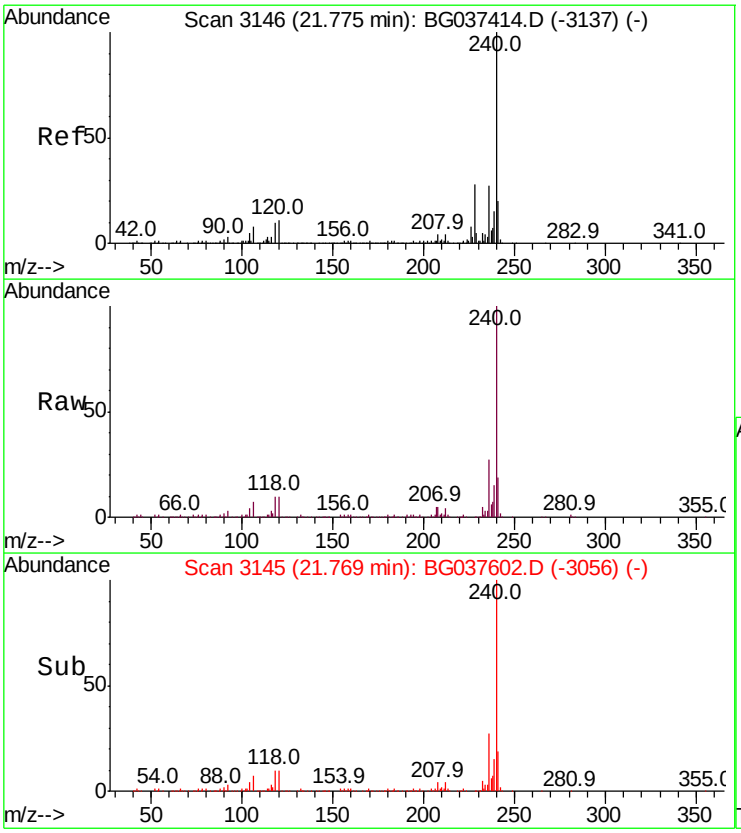
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Instrument :
BNA_G
ClientSampleId :
DL-06B

Tgt Ion:188 Resp: 355374

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.4	7.7	11.5

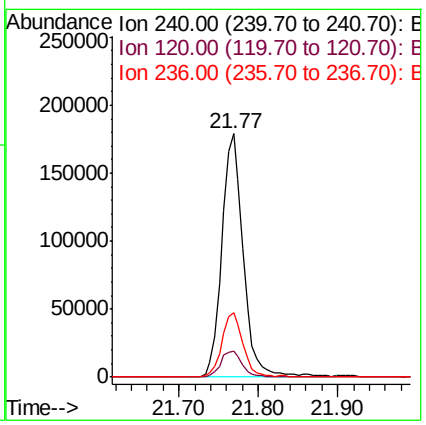


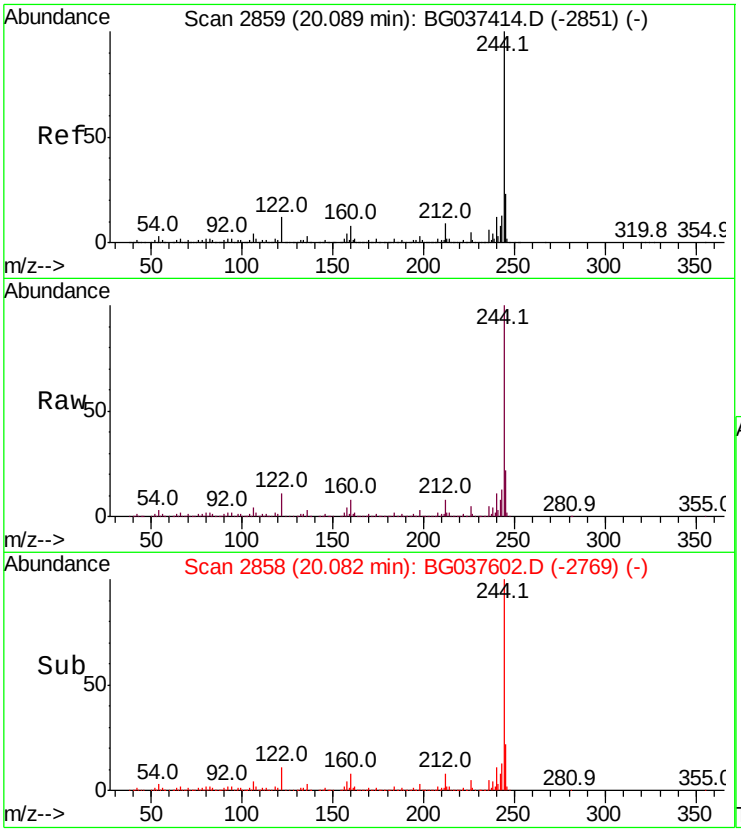


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion:240 Resp: 334694

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	26.7	21.4	32.0



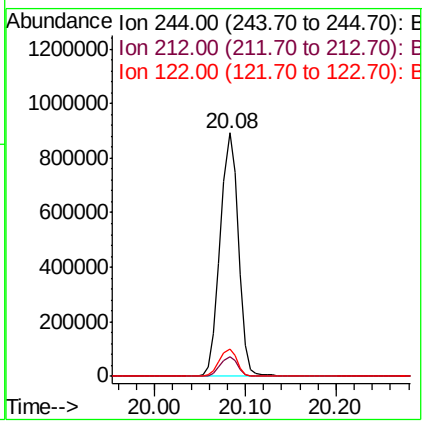


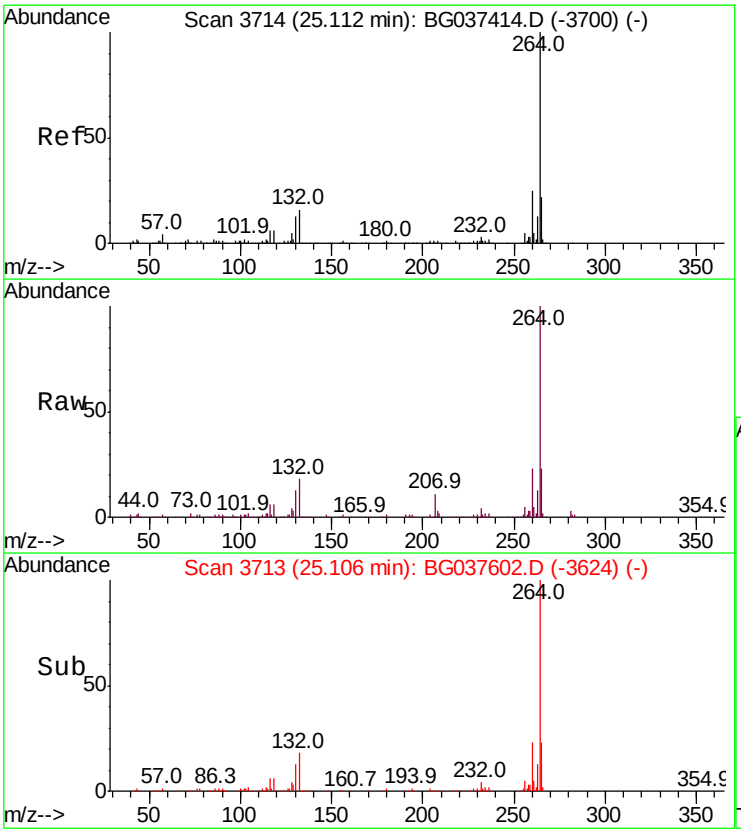
#79
Terphenyl-d14
Concen: 79.310 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Instrument :
BNA_G
ClientSampleId :
DL-06B

Tgt Ion:244 Resp: 1242281

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037602.D
Acq: 27 Oct 2018 4:56

Tgt Ion:264 Resp: 295767

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	23.1	17.9	26.9