Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037503.D
Acq On : 24 Oct 2018 9:37
Operator : JU/SJ
Sample : J5604-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-VB-25868-BOX-1

Quant Time: Oct 24 10:39:25 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	8.11	152	72167	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	317326	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	197364	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	421120	20.00	ng	0.00
76) Chrysene-d12	21.77	240	374502	20.00	ng	0.00
87) Perylene-d12	25.11	264	391390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	247899	57.43	ng	0.11
7) Phenol-d6	7.25	99	226153	34.65	ng	0.00
23) Nitrobenzene-d5	9.29	82	417449	73.69	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	242436	112.62	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	992376	75.82	ng	0.00
79) Terphenyl-d14	20.09	244	1216335	69.40	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.28	94	42922	6.232	ng	98
27) 2,4-Dimethylphenol	10.11	122	43450	9.180	ng	95
50) Dimethylphthalate	14.19	163	91704	6.006	ng	98

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

Quantitation Report (QT/LSC Reviewed)

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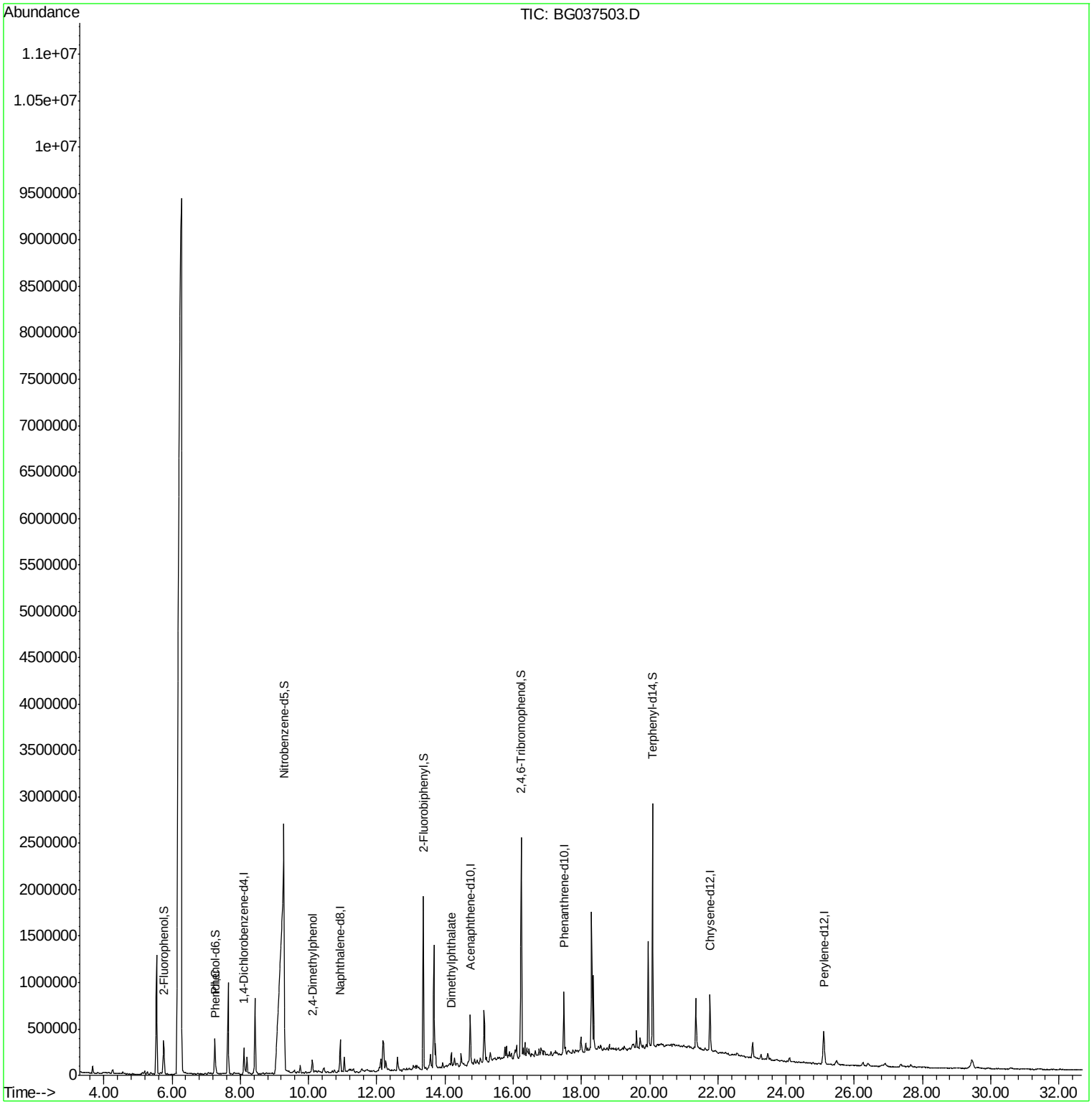
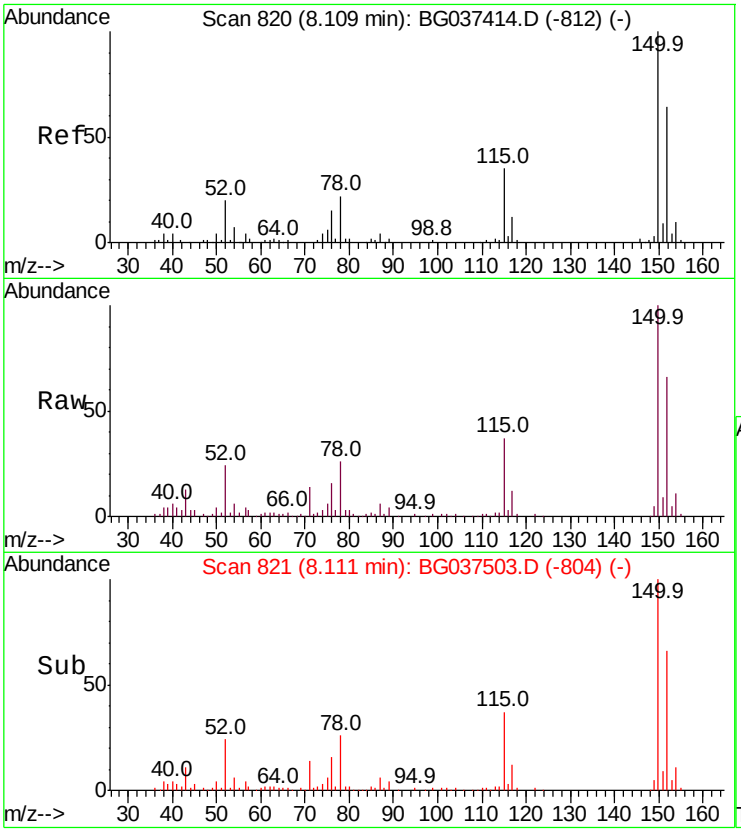


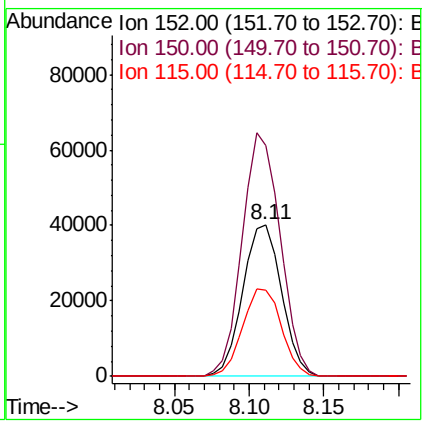


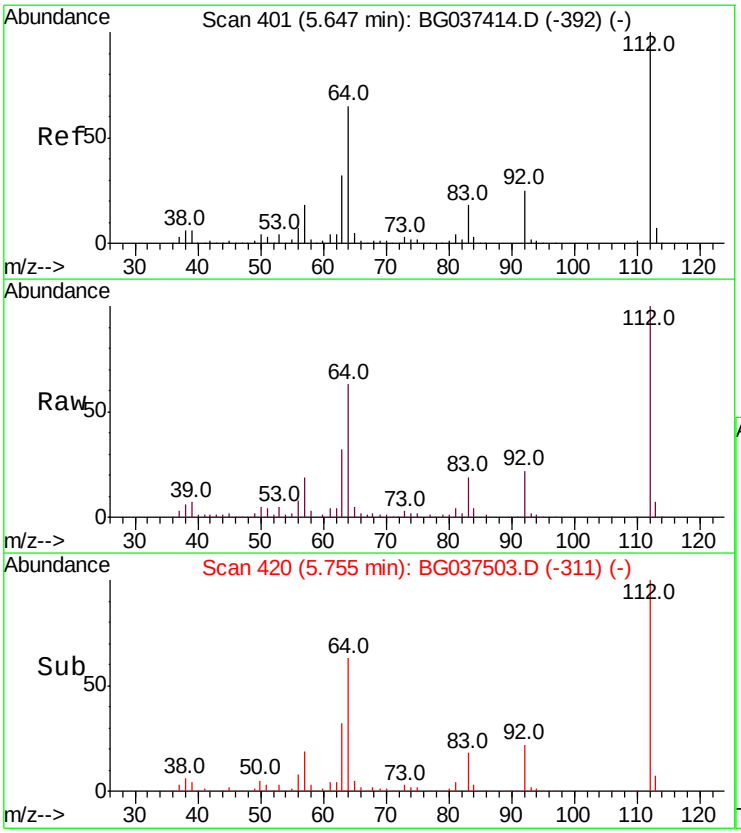
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Instrument :
BNA_G
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:152 Resp: 72167

Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.0	189.0
115	56.5	45.5	68.3

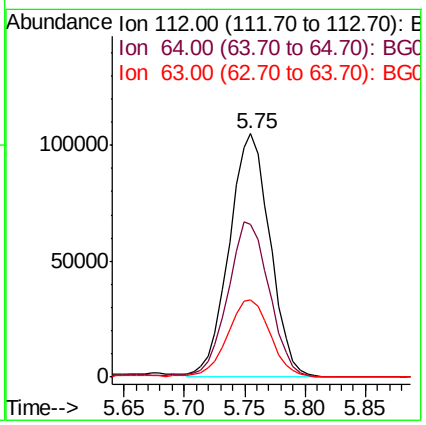


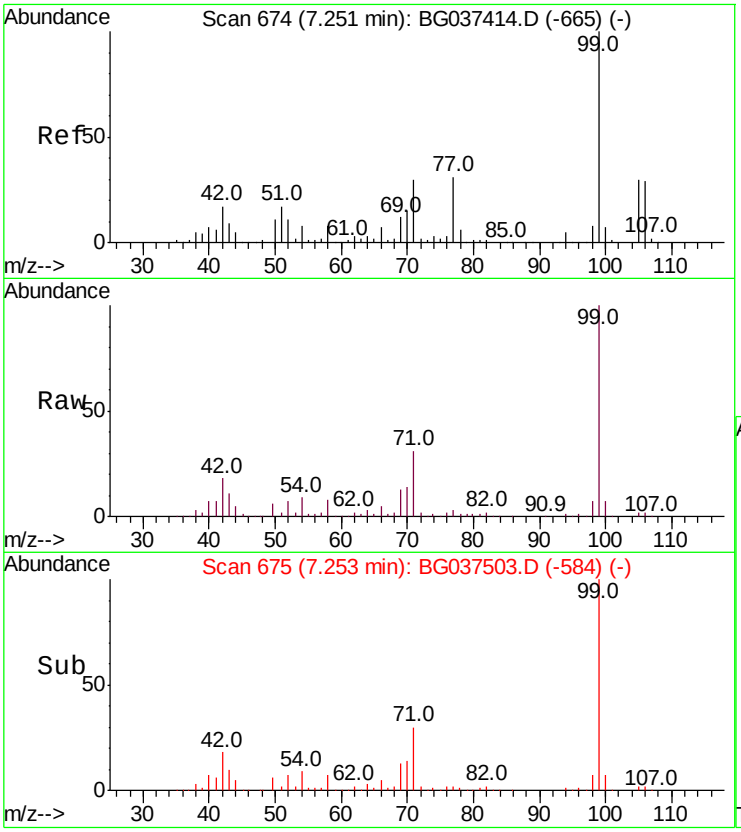


#5
2-Fluorophenol
Concen: 57.429 ng
RT: 5.75 min Scan# 420
Delta R.T. 0.11 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Tgt Ion:112 Resp: 247899

Ion	Ratio	Lower	Upper
112	100		
64	62.9	53.1	79.7
63	31.8	27.3	40.9



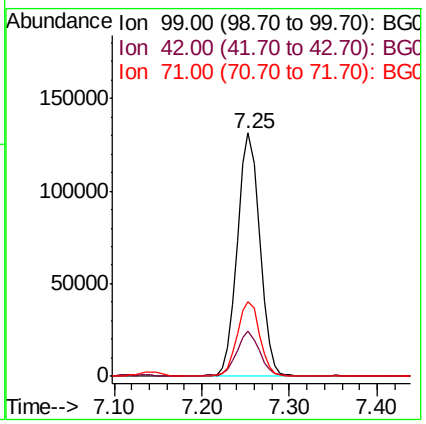


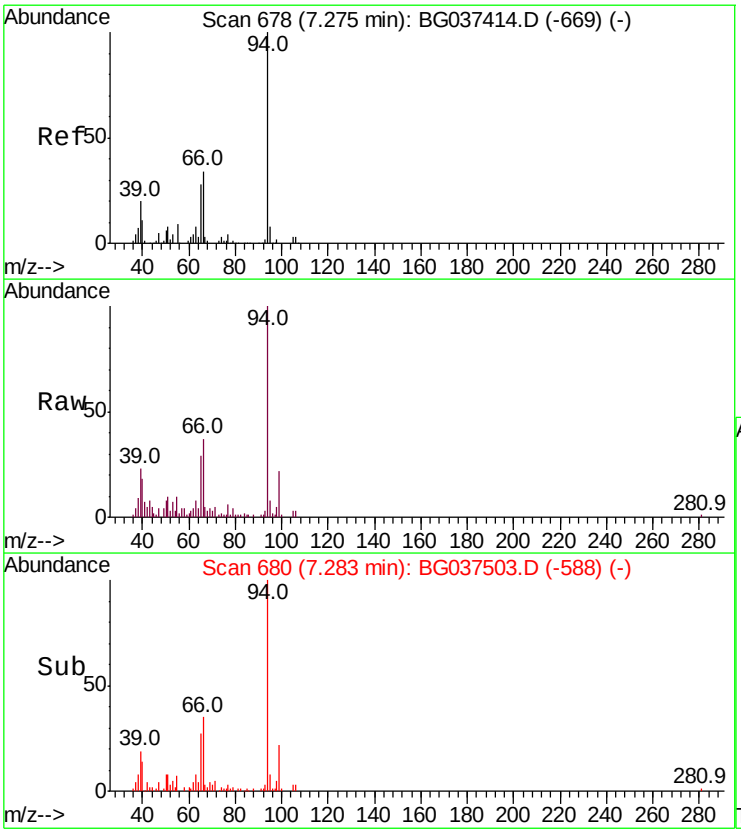
#7
Phenol-d6
Concen: 34.648 ng
RT: 7.25 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Instrument :
BNA_G
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion: 99 Resp: 226153

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	30.5	25.5	38.3

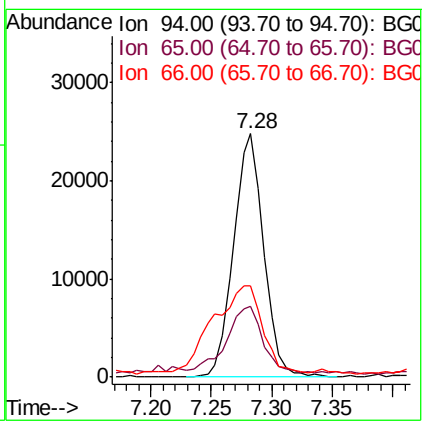


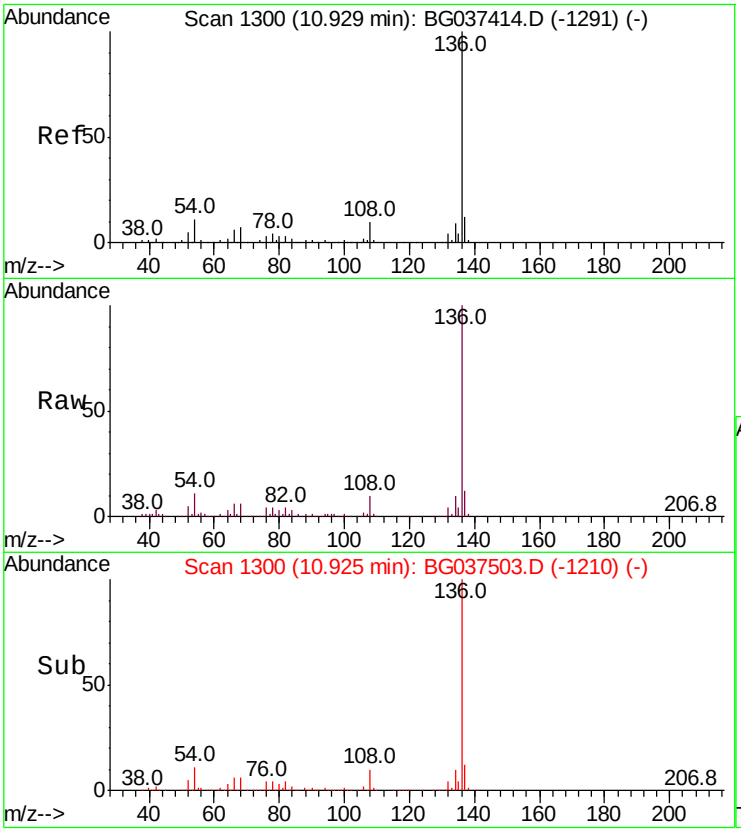


#10
Phenol
Concen: 6.232 ng
RT: 7.28 min Scan# 680
Delta R.T. 0.01 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Tgt Ion: 94 Resp: 42922

Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.7	49.7
66	37.4	15.9	55.9



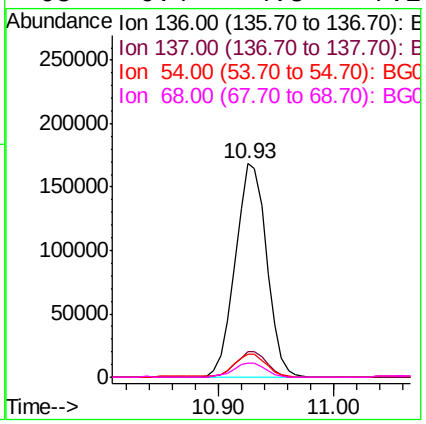


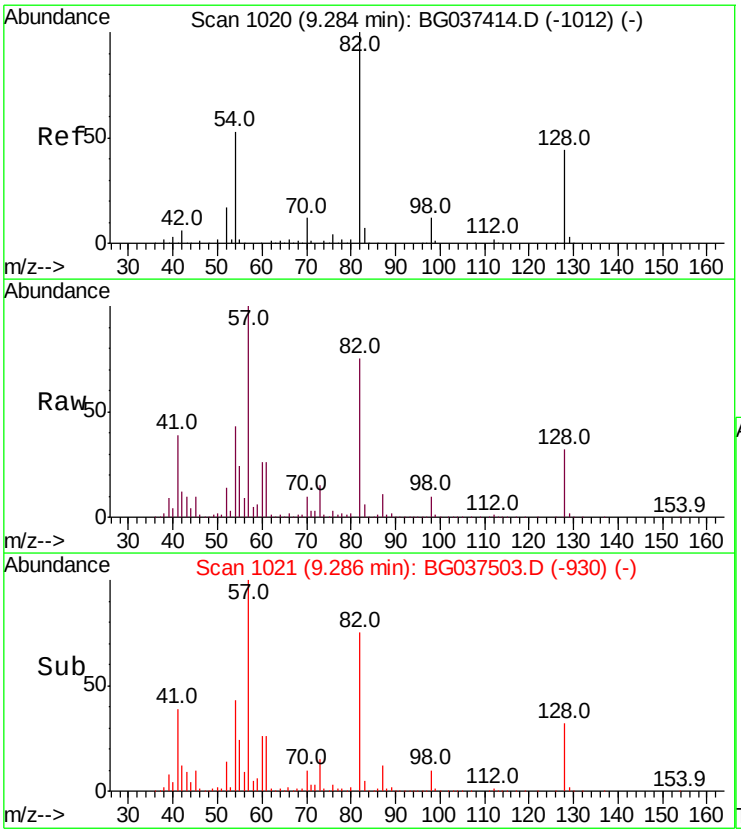
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Instrument :
BNA_G
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:136 Resp: 317326

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.5	7.9	11.9
68	6.4	4.8	7.2

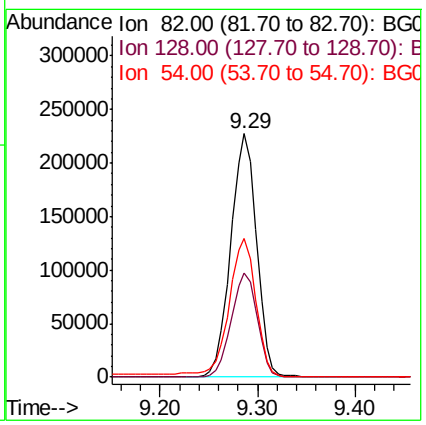


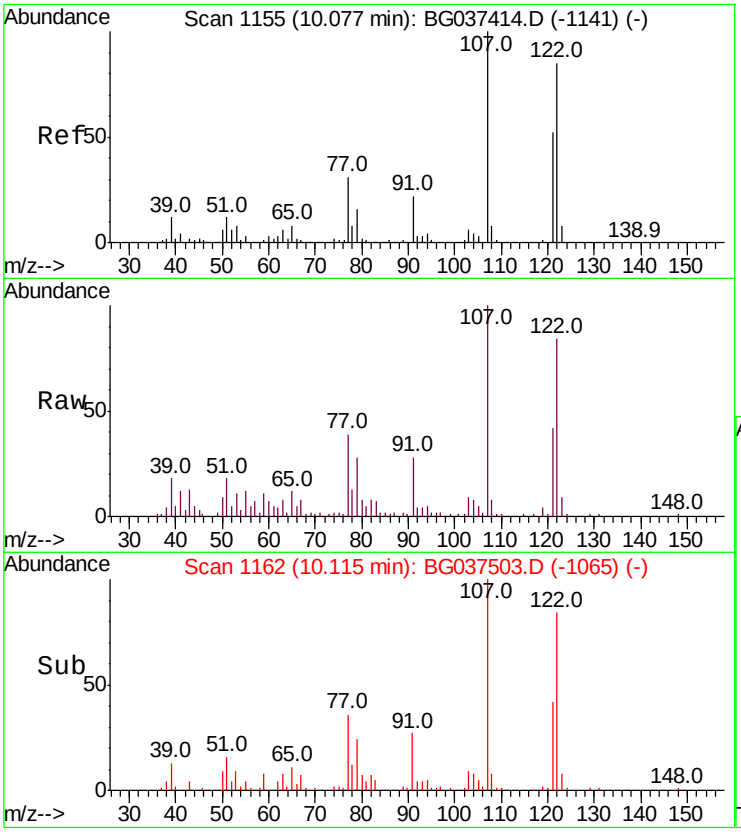


#23
Nitrobenzene-d5
Concen: 73.694 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Tgt Ion: 82 Resp: 417449

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	57.2	45.3	67.9



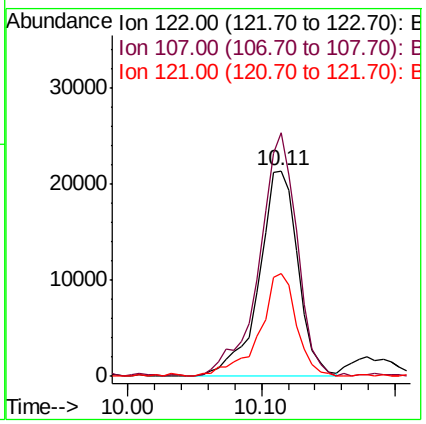


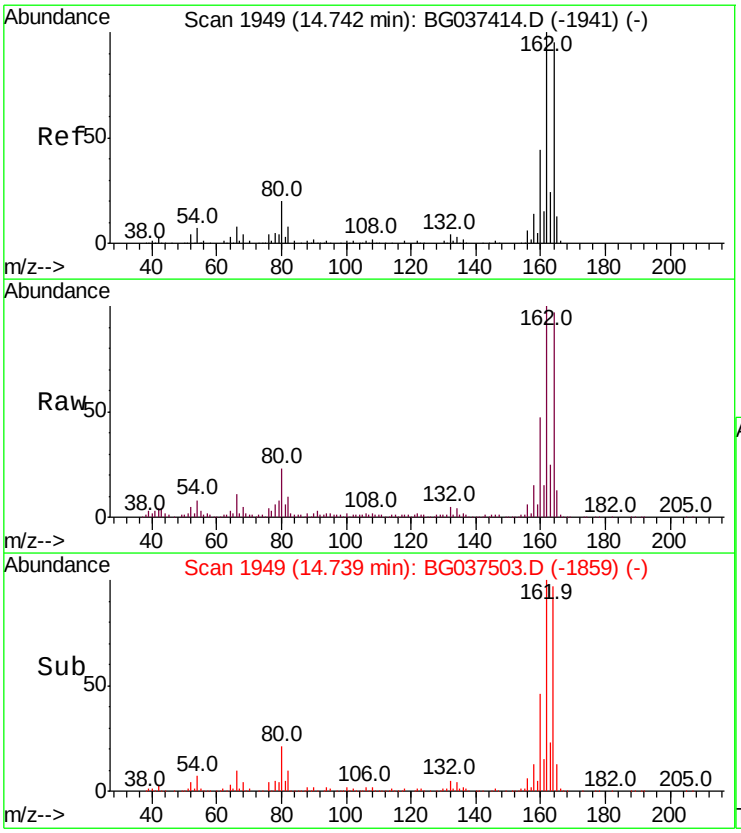
#27
2,4-Dimethylphenol
Concen: 9.180 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.04 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Instrument :
BNA_G
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:122 Resp: 43450

Ion	Ratio	Lower	Upper
122	100		
107	118.6	94.2	141.2
121	49.9	47.3	70.9

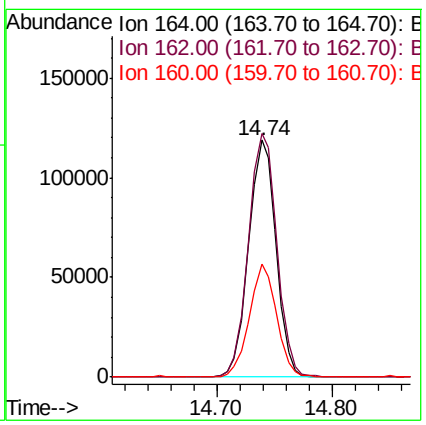


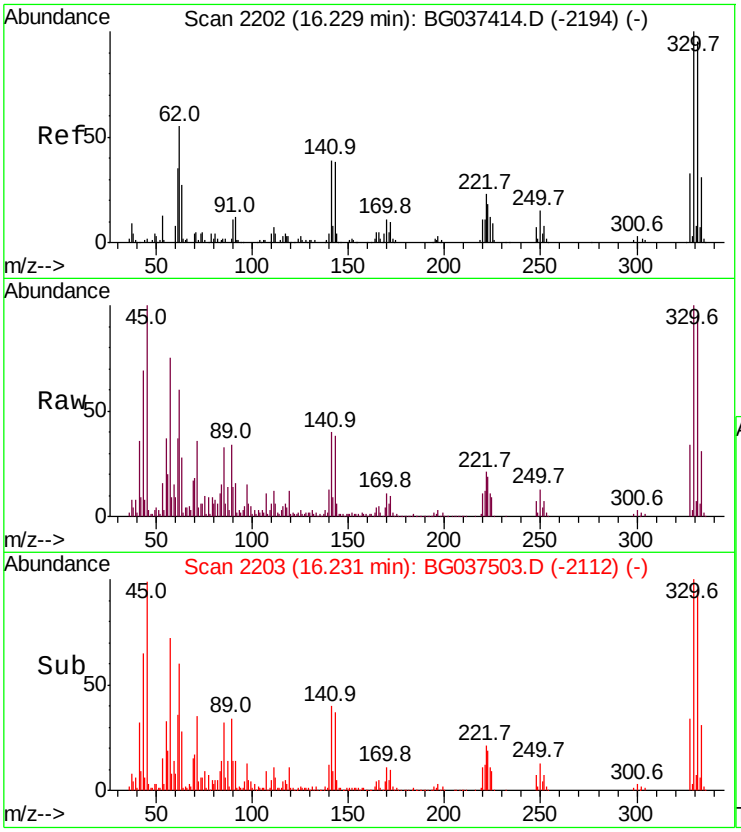


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Tgt Ion:164 Resp: 197364

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.3	121.9
160	47.9	36.3	54.5



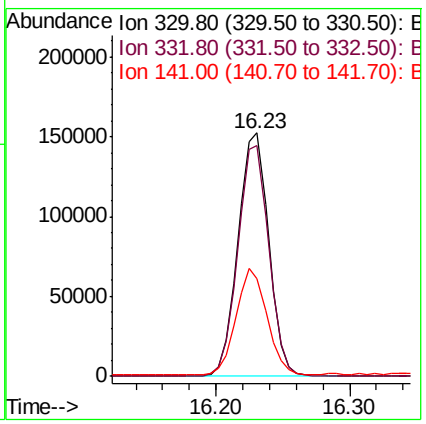


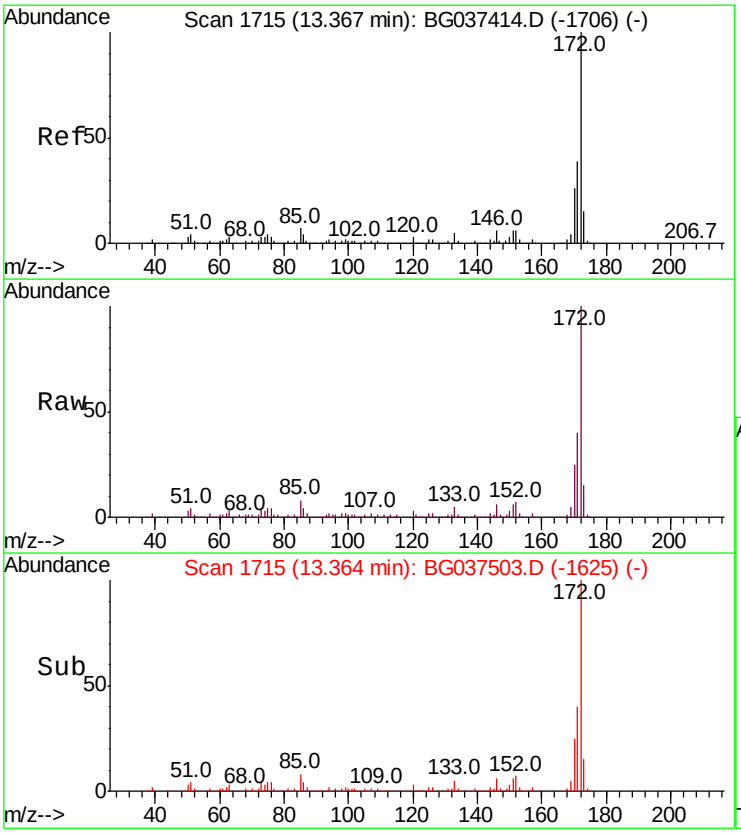
#42
2,4,6-Tribromophenol
Concen: 112.623 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Instrument :
BNA_G
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:330 Resp: 242436

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	44.2	32.2	48.2

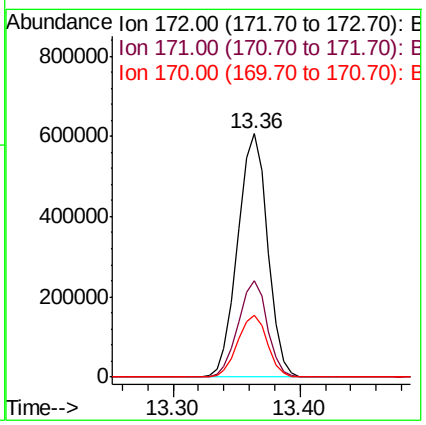


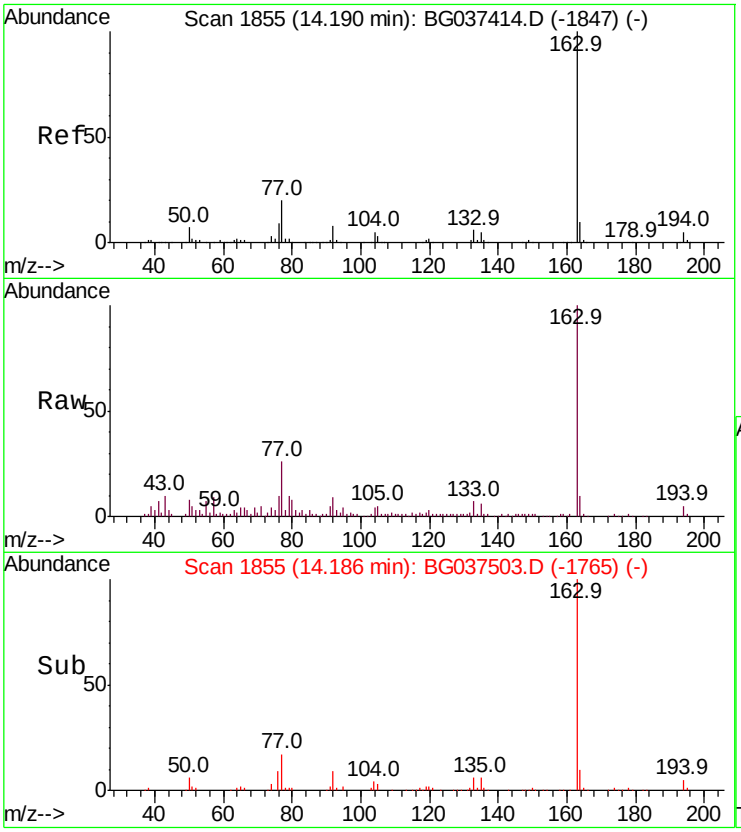


#45
2-Fluorobiphenyl
Concen: 75.822 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Tgt Ion:172 Resp: 992376

Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.0	46.4
170	25.4	20.2	30.2



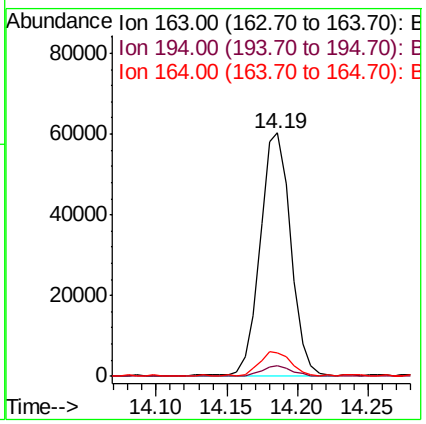


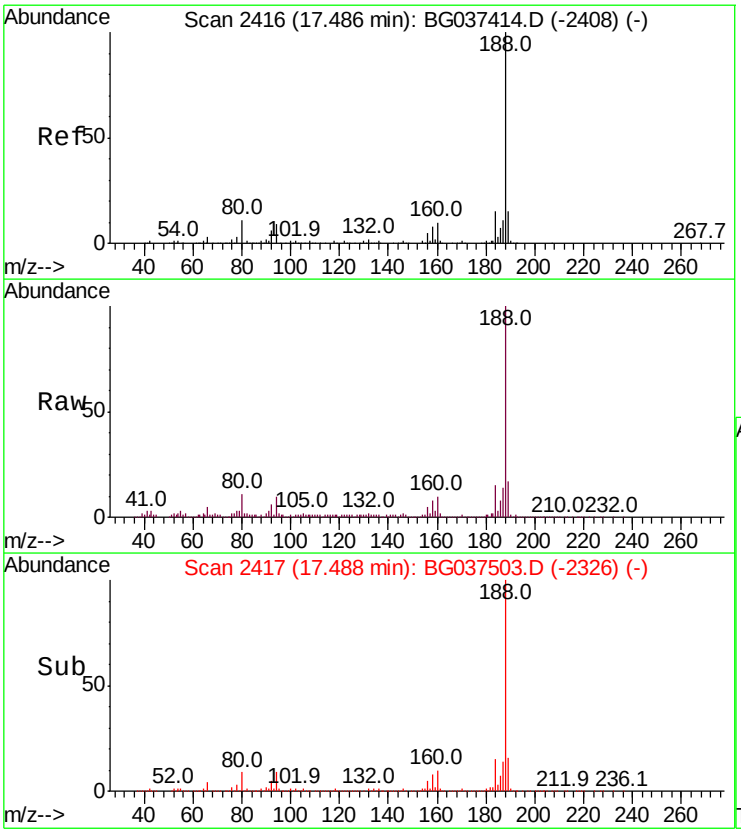
#50
Dimethylphthalate
Concen: 6.006 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Instrument :
BNA_G
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:163 Resp: 91704

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.9	8.5	12.7

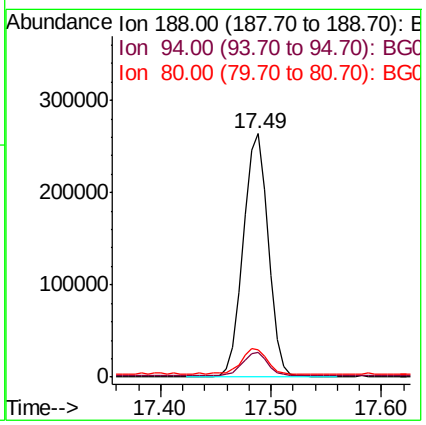


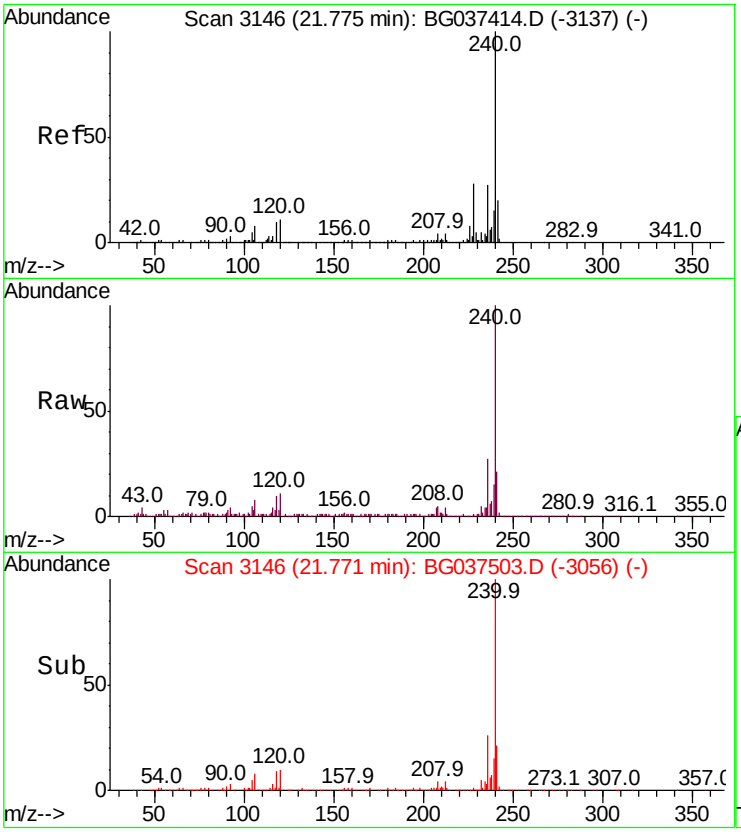


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Tgt Ion:188 Resp: 421120

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	11.3	7.7	11.5



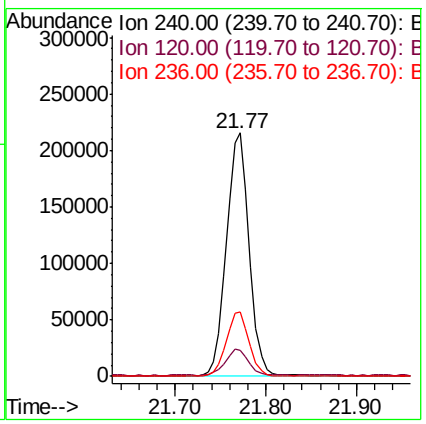


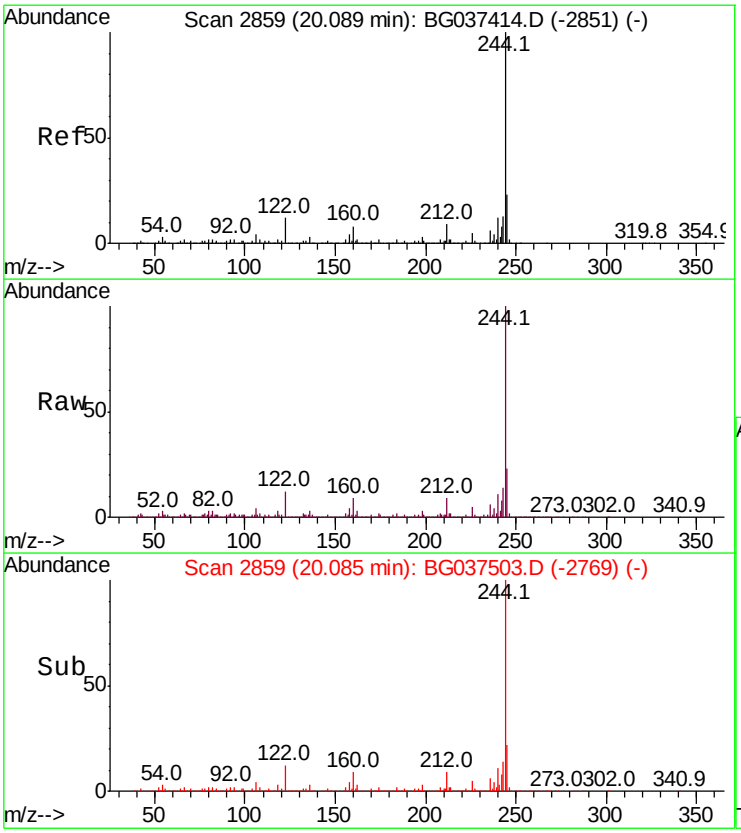
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Instrument :
BNA_G
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:240 Resp: 374502

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	26.6	21.4	32.0

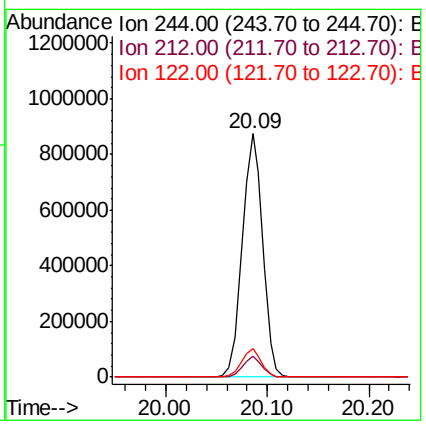


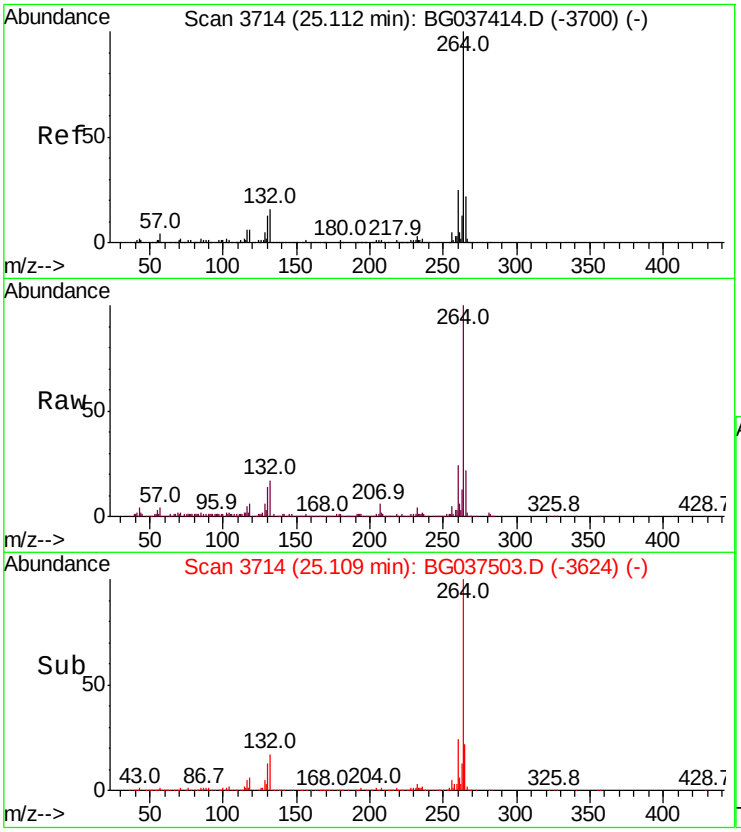


#79
Terphenyl-d14
Concen: 69.399 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Tgt Ion:244 Resp: 1216335

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	11.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Instrument :
BNA_G
ClientSampleId :
MS-VB-25868-BOX-1

Tgt Ion:264 Resp: 391390

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.2	17.9	26.9