Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037698.D
Acq On : 1 Nov 2018 00:10
Operator : JU/SJ
Sample : PB114346BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114346BL

Quant Time: Nov 01 07:21:40 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	50869	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	229338	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	160673	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	386887	20.00	ng	0.00
76) Chrysene-d12	21.76	240	352266	20.00	ng	-0.01
87) Perylene-d12	25.10	264	280482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	381969	125.54	ng	0.00
7) Phenol-d6	7.24	99	569320	123.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	320696	78.33	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	173553	99.03	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	814623	76.45	ng	-0.01
79) Terphenyl-d14	20.08	244	1277002	77.46	ng	0.00
Target Compounds						Qvalue

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

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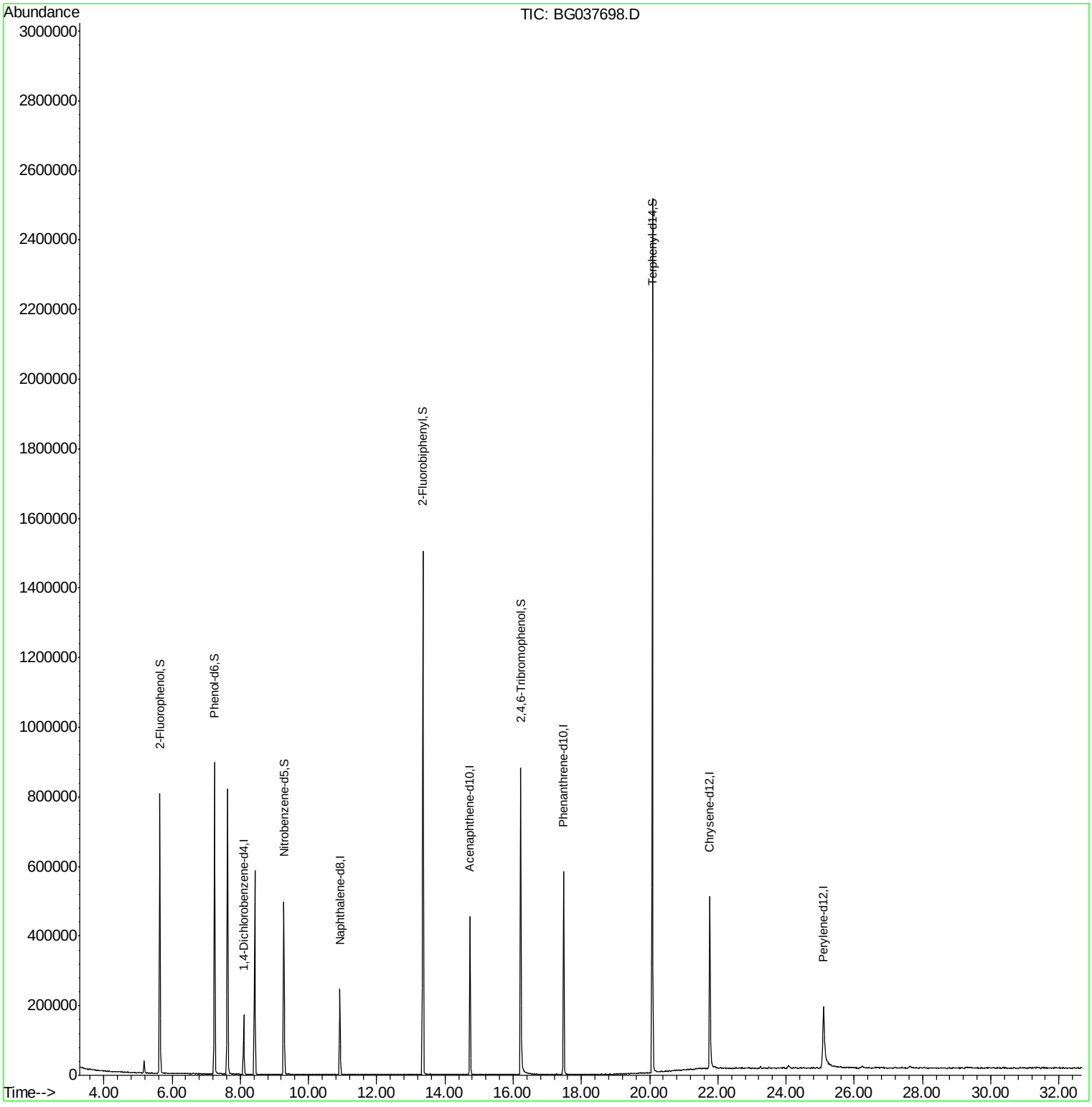
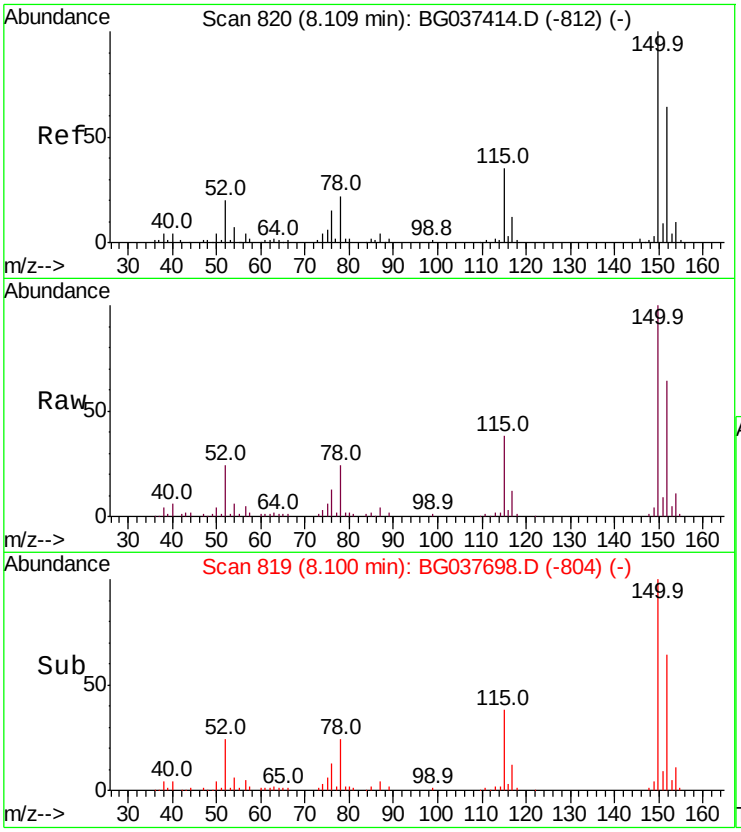


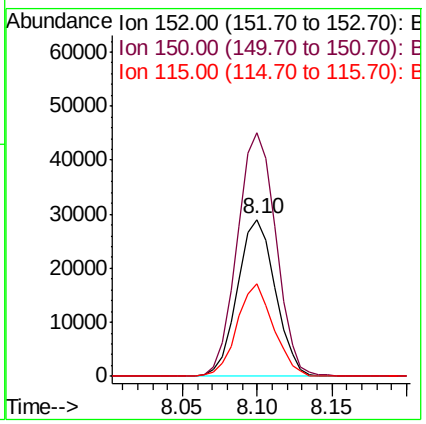


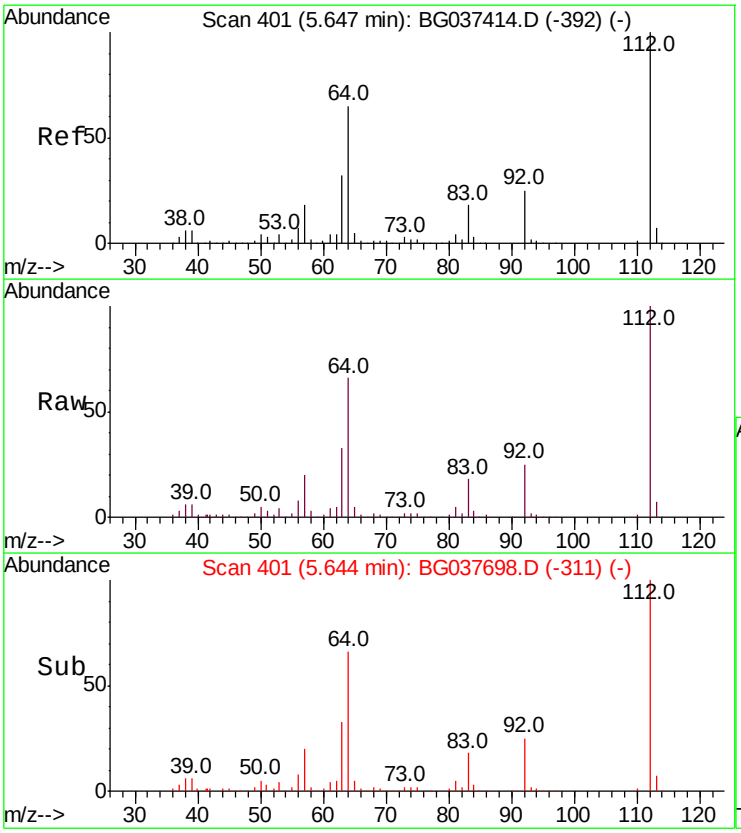
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Instrument :
BNA_G
ClientSampleId :
PB114346BL

Tgt Ion:152 Resp: 50869

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.0	189.0
115	59.2	45.5	68.3

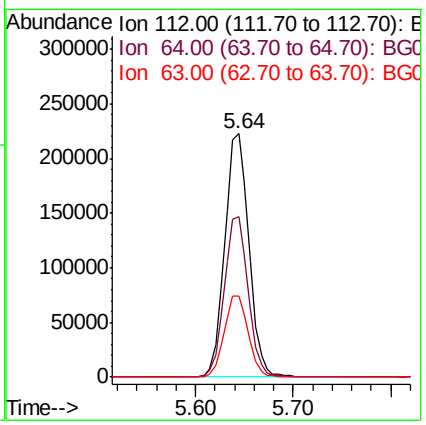


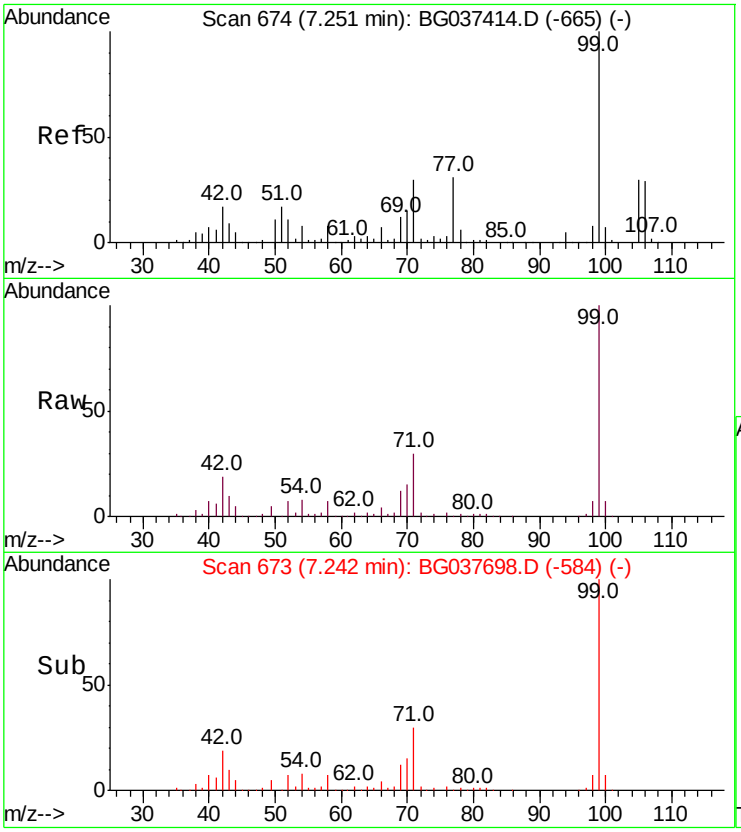


#5
2-Fluorophenol
Concen: 125.537 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Tgt Ion:112 Resp: 381969

Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.1	79.7
63	33.4	27.3	40.9



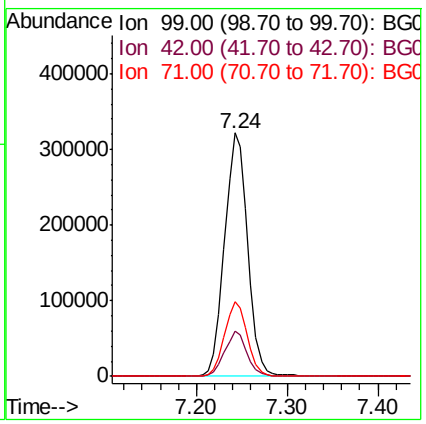


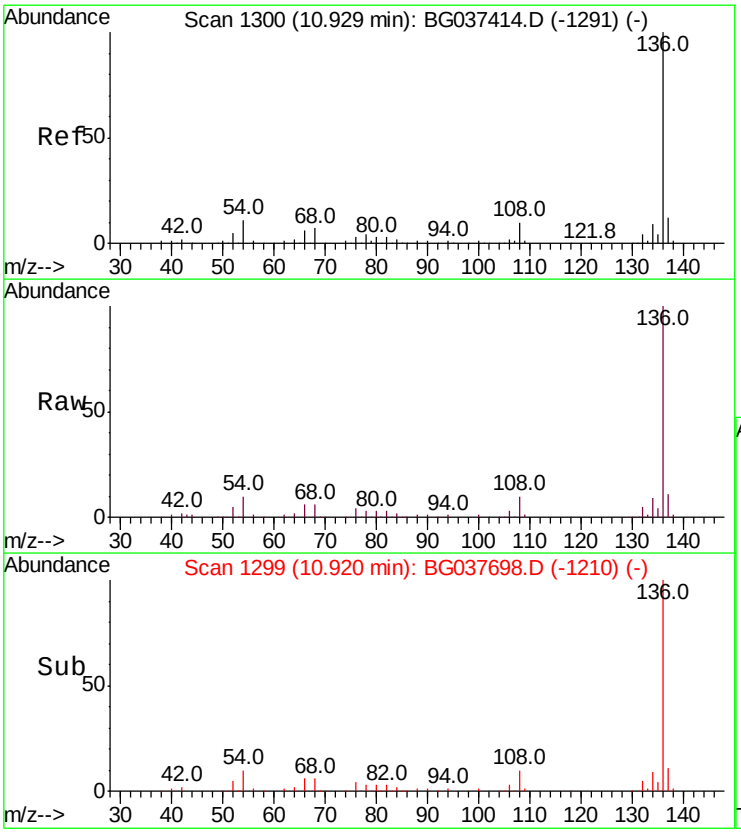
#7
Phenol-d6
Concen: 123.741 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Instrument :
BNA_G
ClientSampleId :
PB114346BL

Tgt Ion: 99 Resp: 569320

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	30.4	25.5	38.3

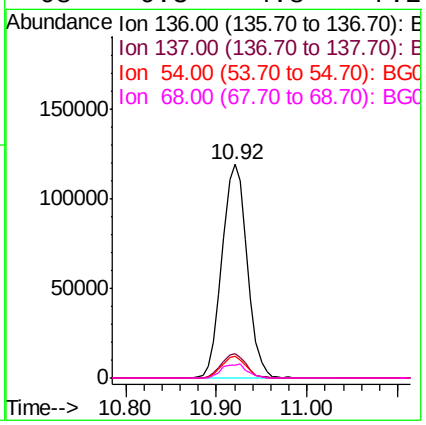


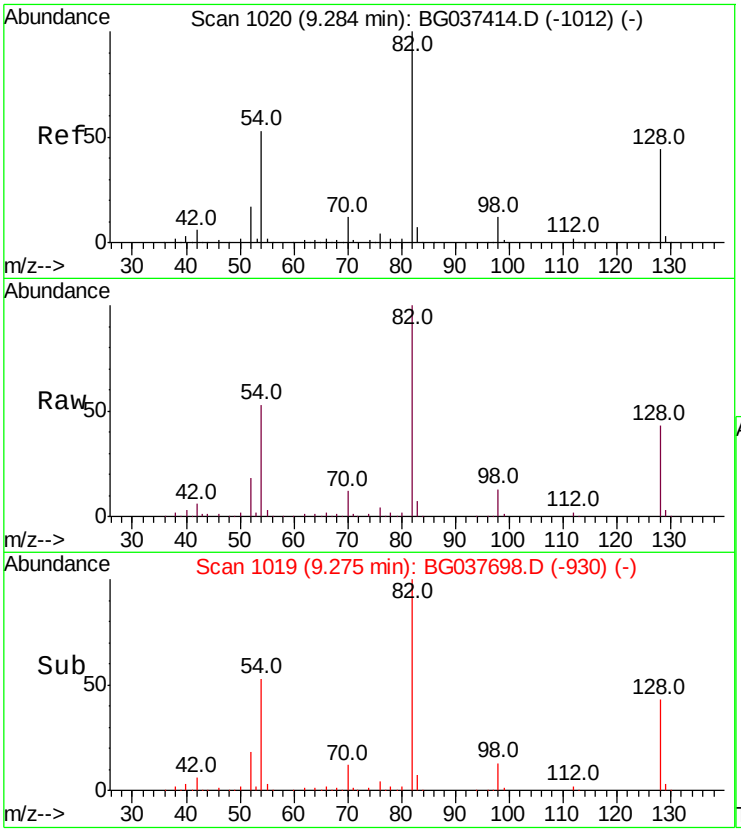


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Tgt Ion:136 Resp: 229338

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.2	7.9	11.9
68	6.3	4.8	7.2



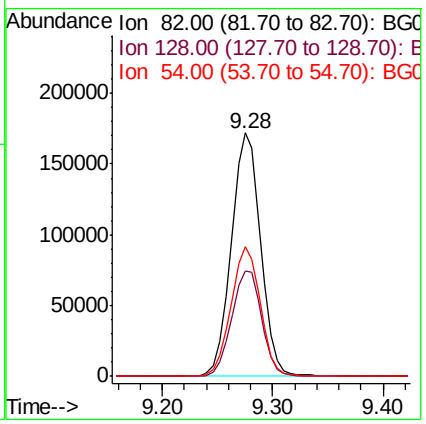


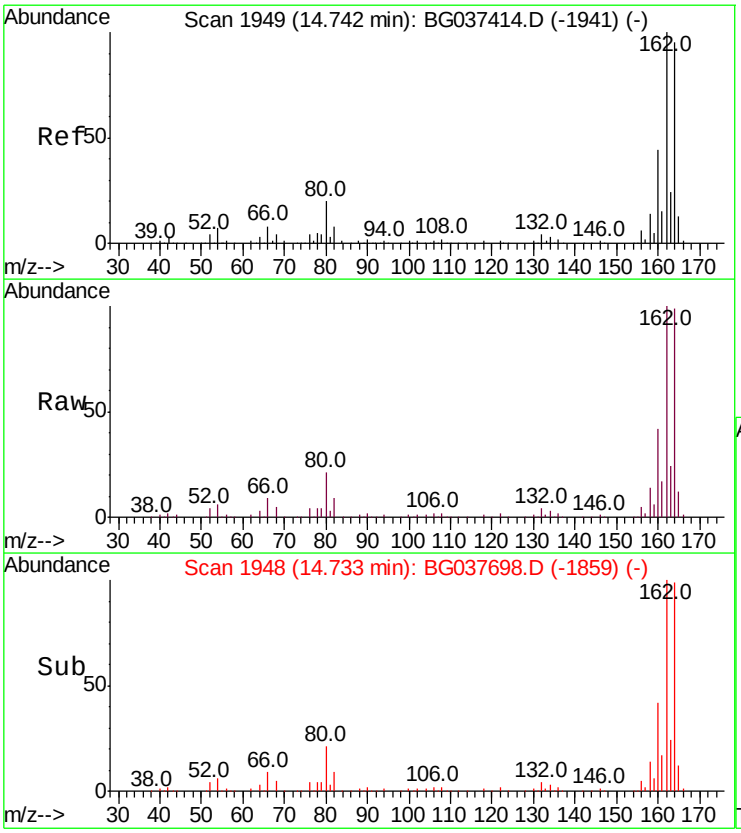
#23
Nitrobenzene-d5
Concen: 78.334 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Instrument :
BNA_G
ClientSampleId :
PB114346BL

Tgt Ion: 82 Resp: 320696

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	53.2	45.3	67.9

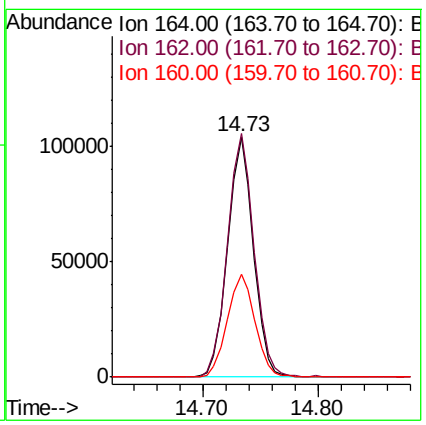


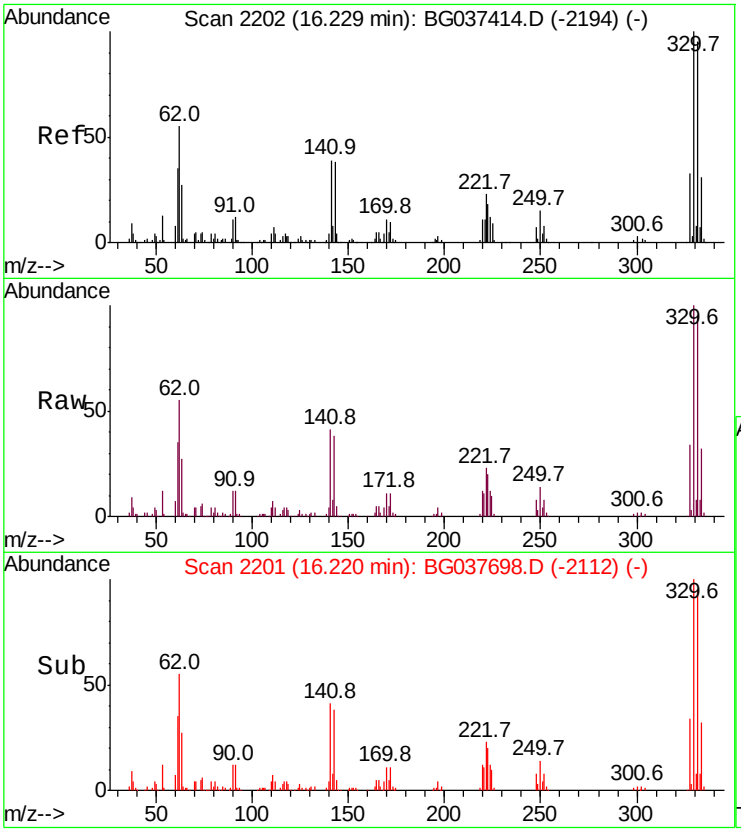


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Tgt Ion:164 Resp: 160673

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	42.9	36.3	54.5



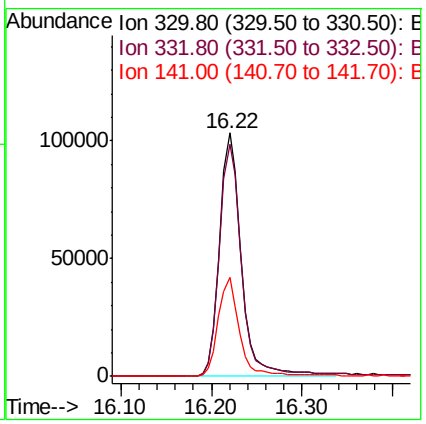


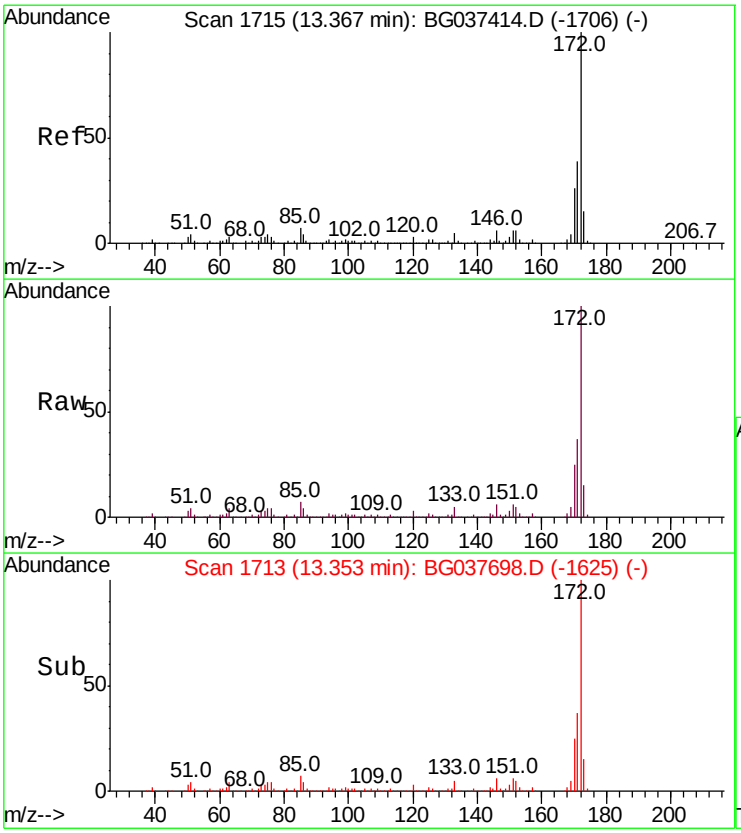
#42
2,4,6-Tribromophenol
Concen: 99.035 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Instrument :
BNA_G
ClientSampleId :
PB114346BL

Tgt Ion:330 Resp: 173553

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.4	117.6
141	38.6	32.2	48.2

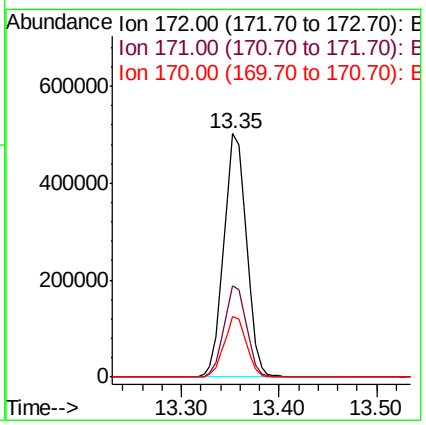


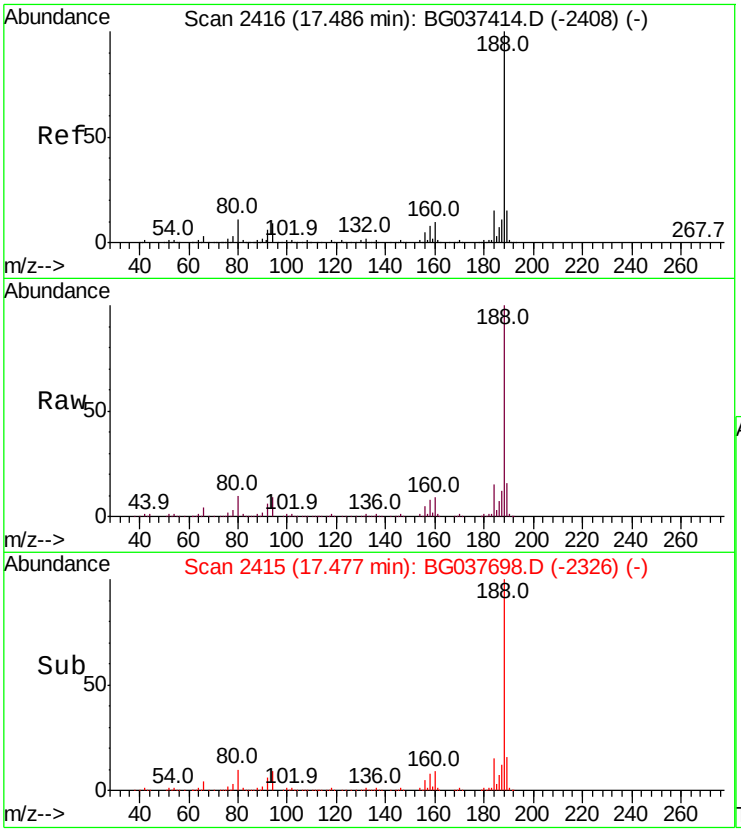


#45
2-Fluorobiphenyl
Concen: 76.454 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Tgt Ion:172 Resp: 814623

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.8	20.2	30.2



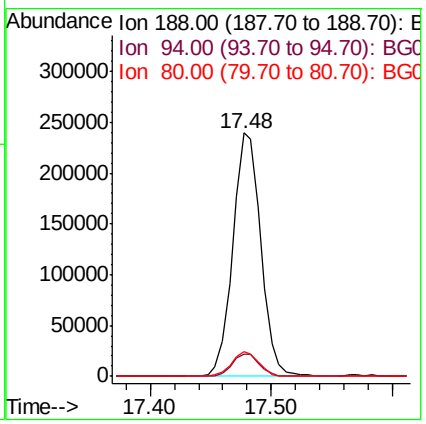


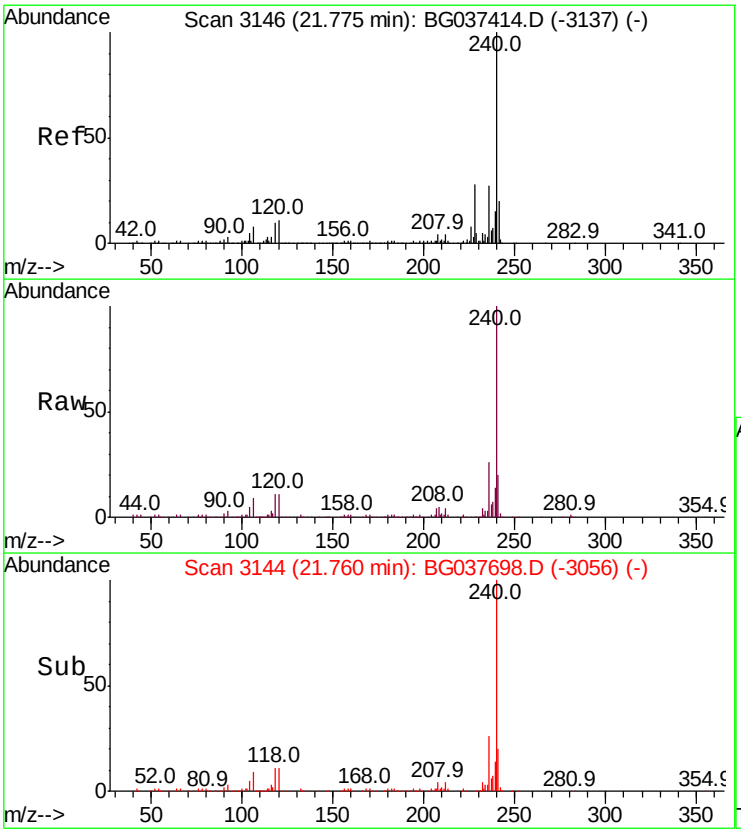
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Instrument :
BNA_G
ClientSampleId :
PB114346BL

Tgt Ion:188 Resp: 386887

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.3	7.7	11.5

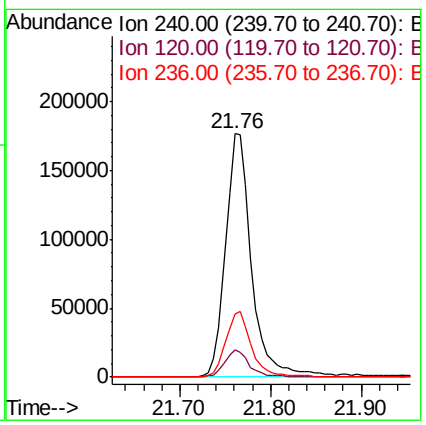


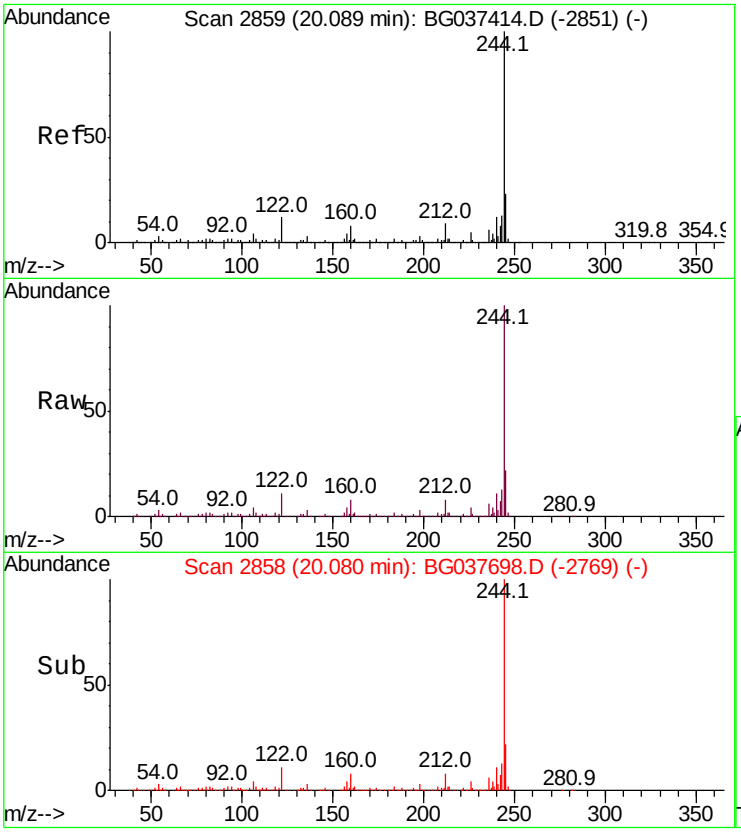


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Tgt Ion:240 Resp: 352266

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	26.0	21.4	32.0



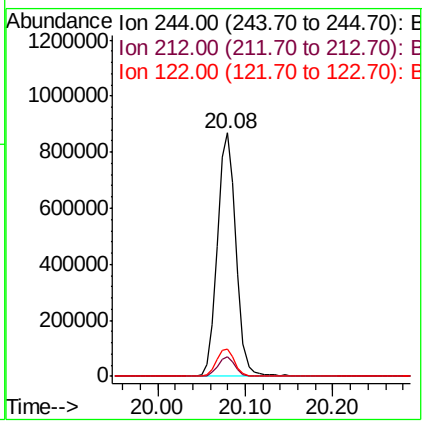


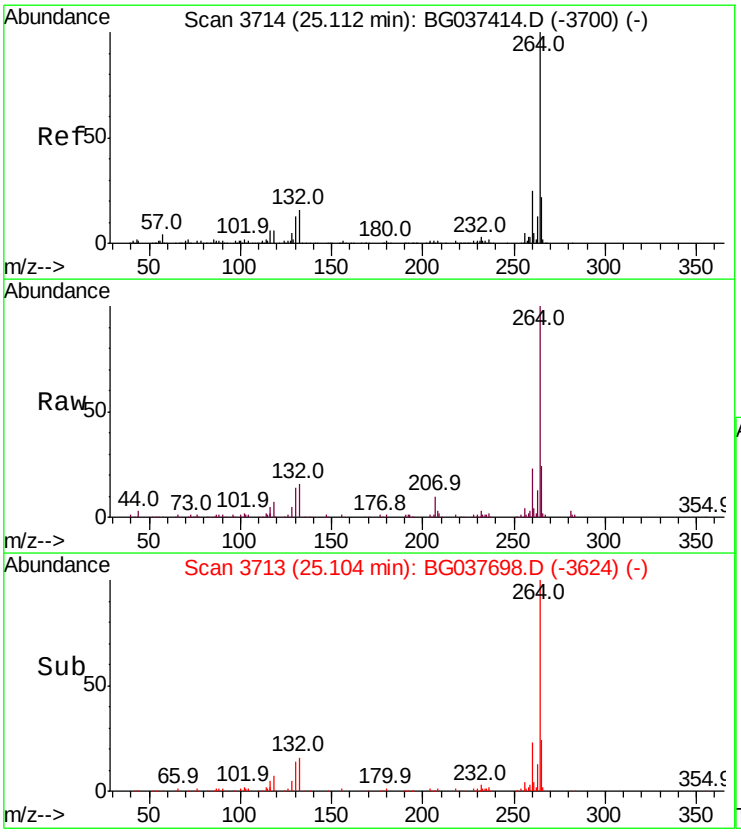
#79
Terphenyl-d14
Concen: 77.460 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Instrument :
BNA_G
ClientSampleId :
PB114346BL

Tgt Ion:244 Resp: 1277002

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Tgt Ion:264 Resp: 280482

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	23.9	17.9	26.9