Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037784.D
Acq On : 3 Nov 2018 10:23
Operator : JU/SJ
Sample : J5776-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NJ-WHITE

Quant Time: Nov 05 04:44:32 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	60235	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	266061	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	175867	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	384597	20.00	ng	0.00
76) Chrysene-d12	21.76	240	349701	20.00	ng	-0.01
87) Perylene-d12	25.10	264	287461	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	377411	104.75	ng	0.00
7) Phenol-d6	7.24	99	478717	87.87	ng	0.00
23) Nitrobenzene-d5	9.27	82	381629	80.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	185586	96.75	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	935947	80.25	ng	-0.01
79) Terphenyl-d14	20.08	244	1342219	82.01	ng	-0.01
Target Compounds						Qvalue

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

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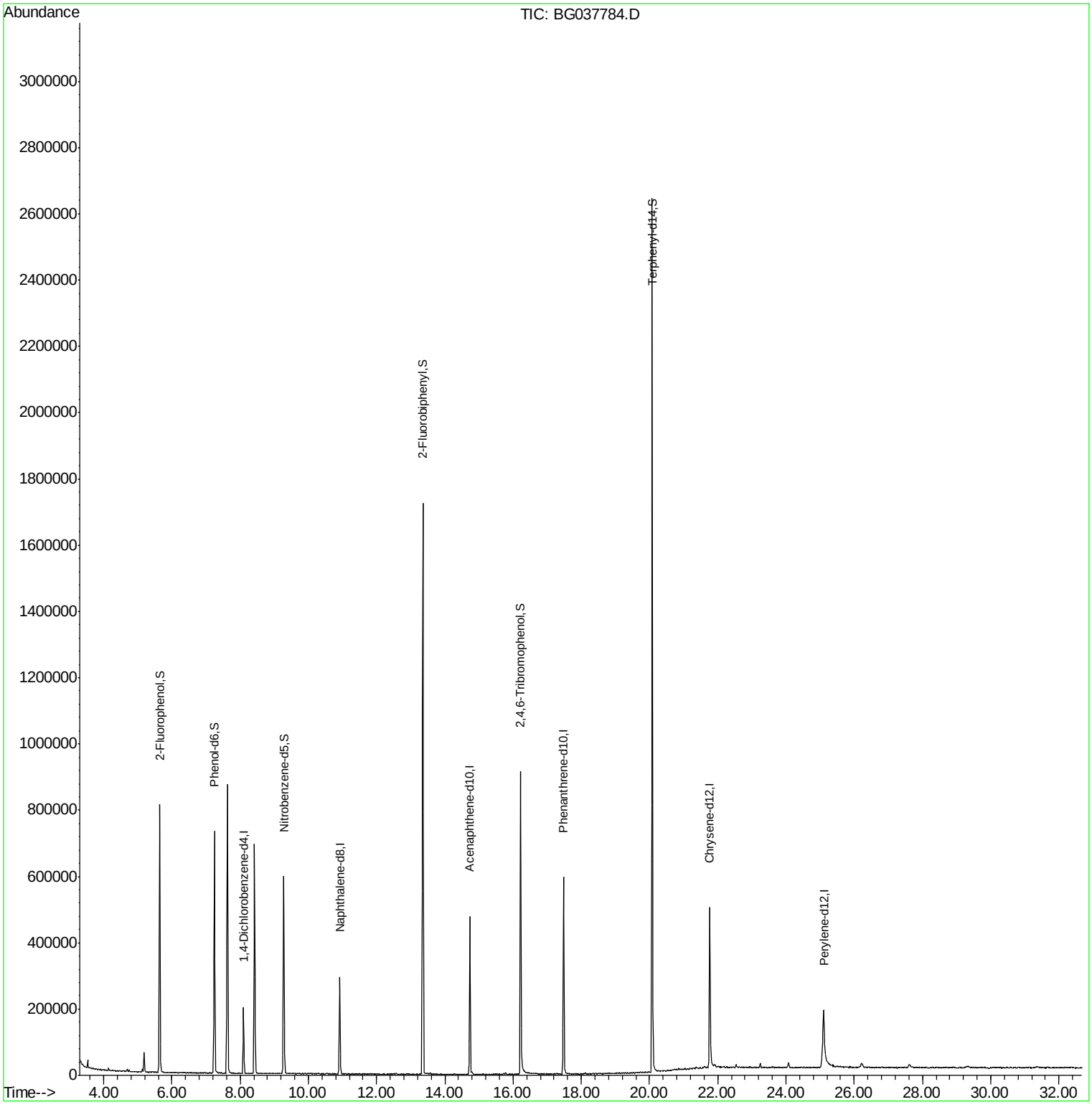
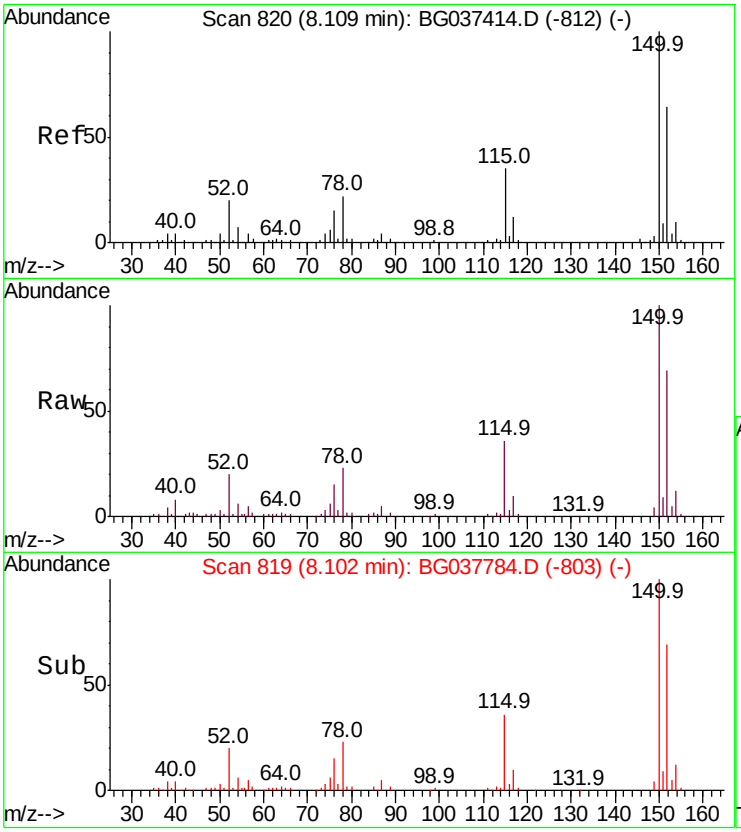


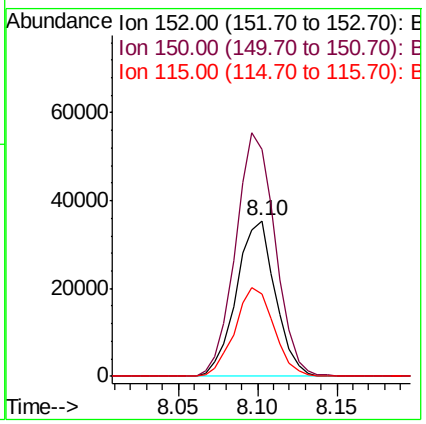


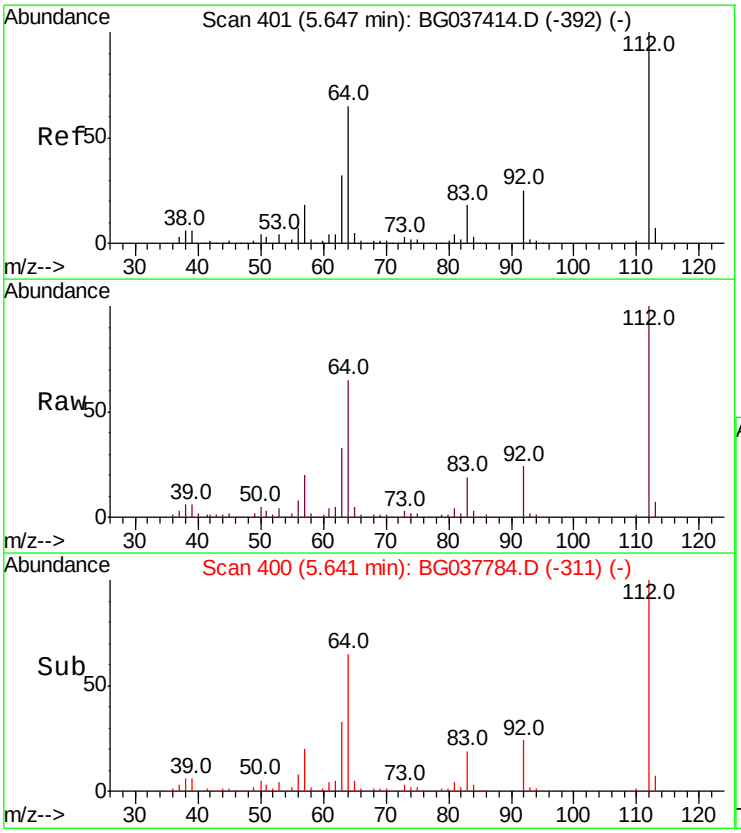
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Tgt Ion:152 Resp: 60235

Ion	Ratio	Lower	Upper
152	100		
150	145.8	126.0	189.0
115	52.6	45.5	68.3

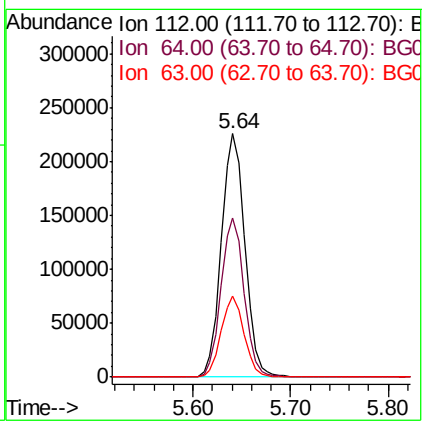


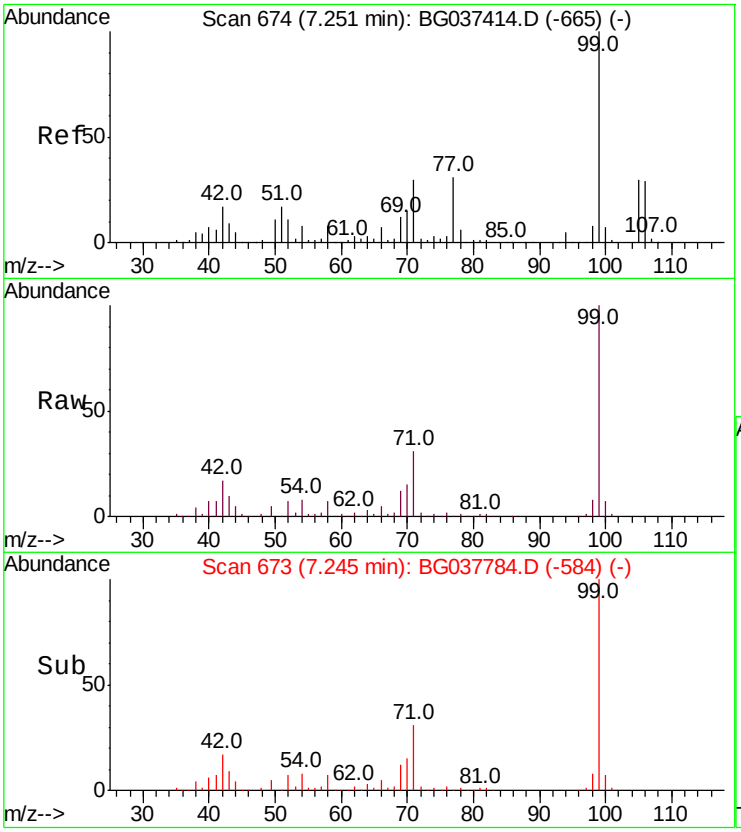


#5
2-Fluorophenol
Concen: 104.752 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Tgt Ion:112 Resp: 377411

Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.1	79.7
63	33.2	27.3	40.9



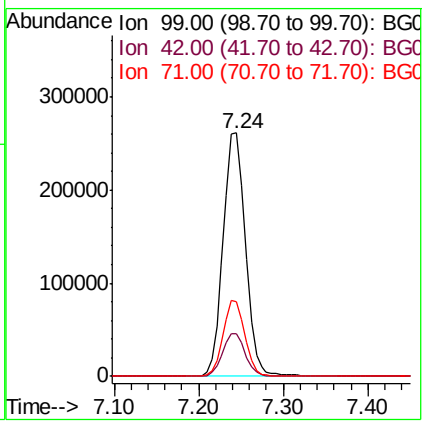


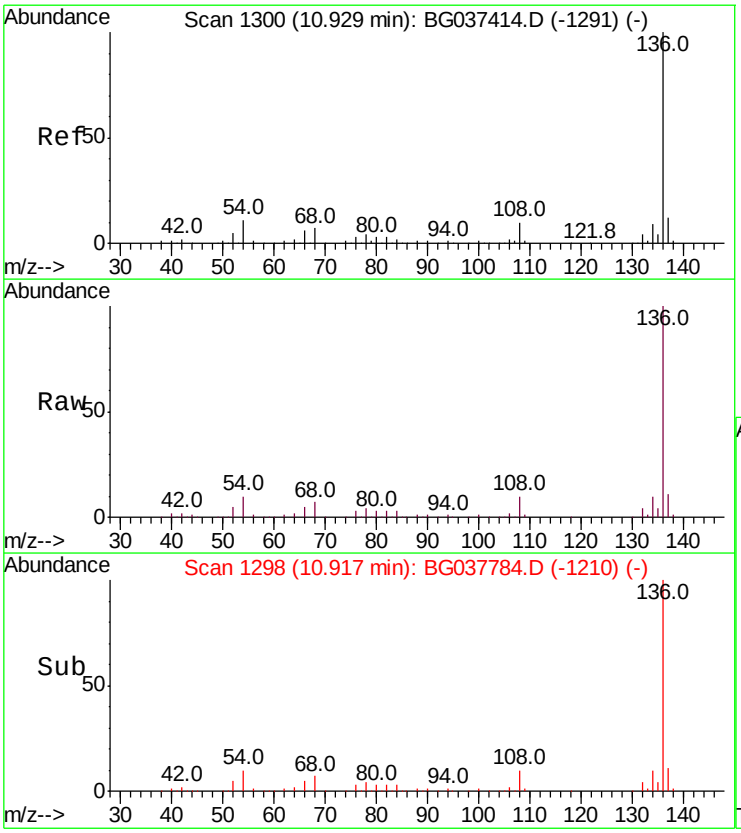
#7
Phenol-d6
Concen: 87.870 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Tgt Ion: 99 Resp: 478717

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.0	22.4
71	30.9	25.5	38.3

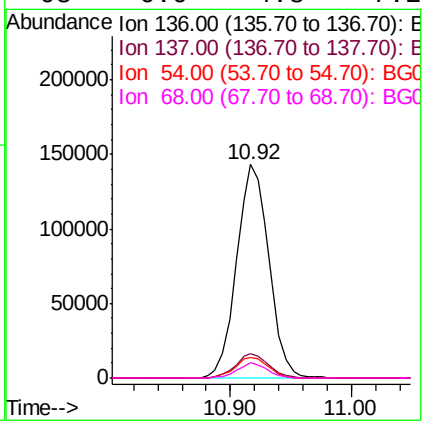


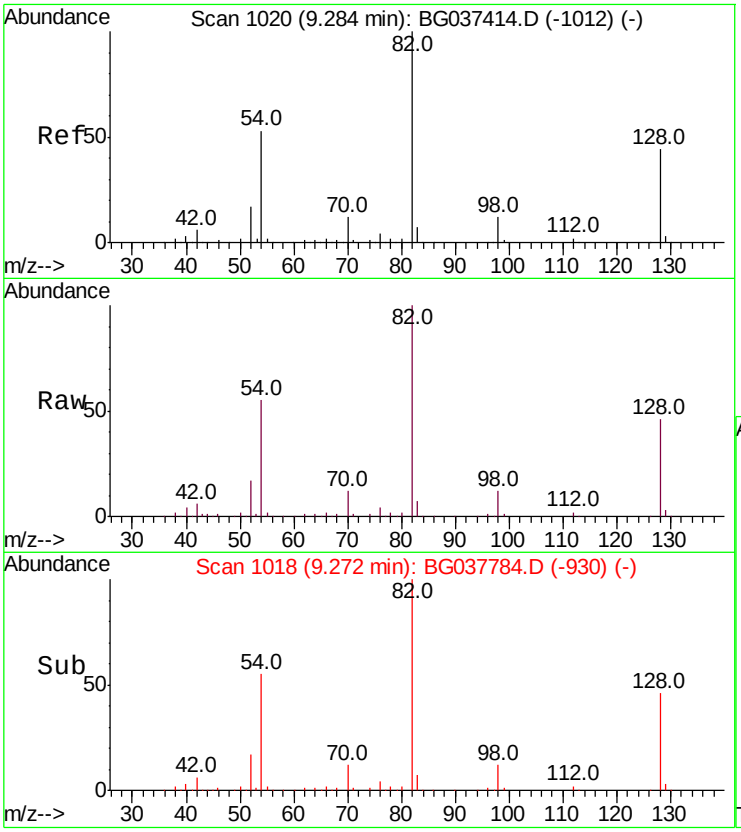


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Tgt Ion:136 Resp: 266061

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.6	7.9	11.9
68	6.9	4.8	7.2



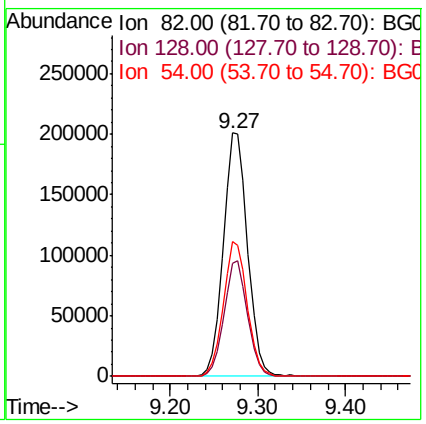


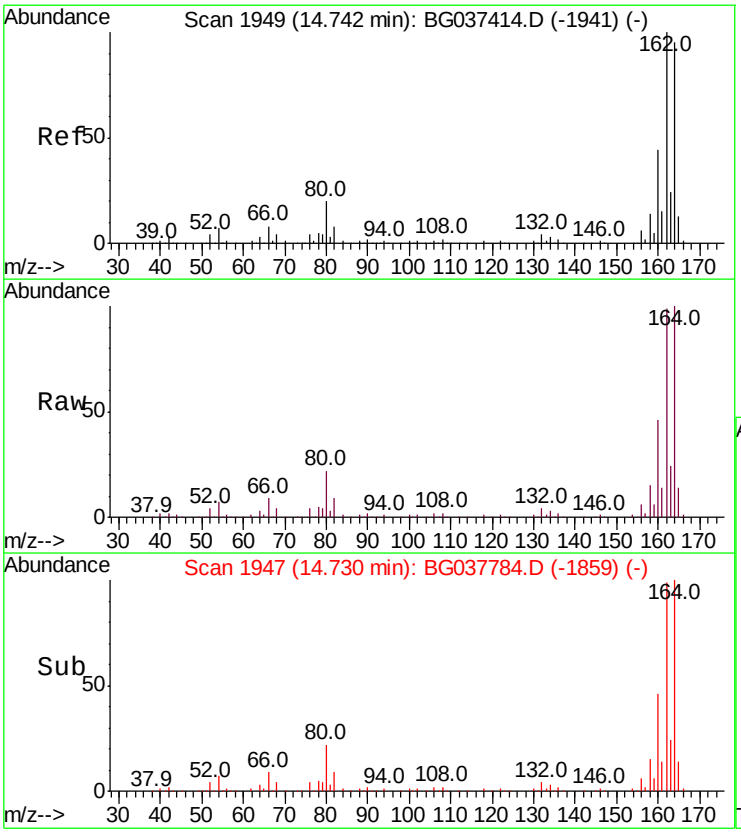
#23
Nitrobenzene-d5
Concen: 80.352 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Tgt Ion: 82 Resp: 381629

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.6	51.8
54	55.3	45.3	67.9

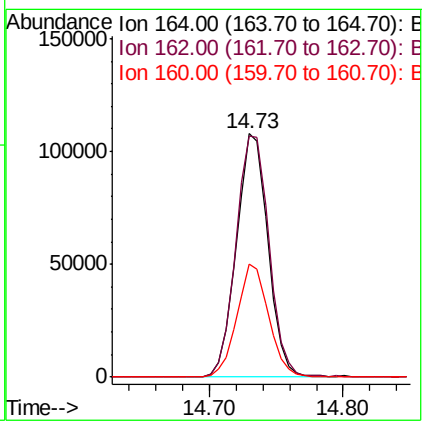


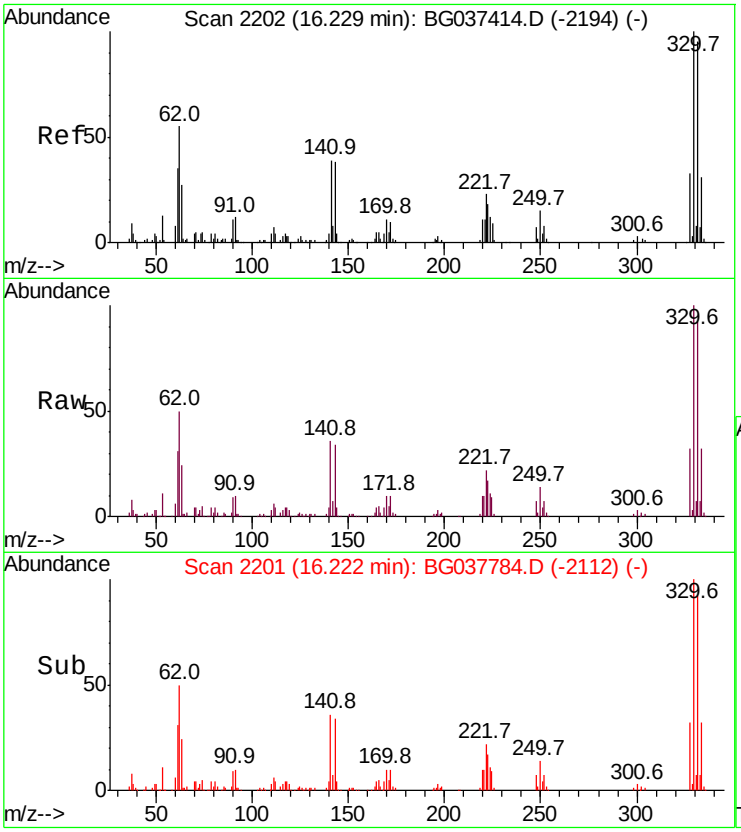


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Tgt Ion:164 Resp: 175867

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.3	121.9
160	46.2	36.3	54.5



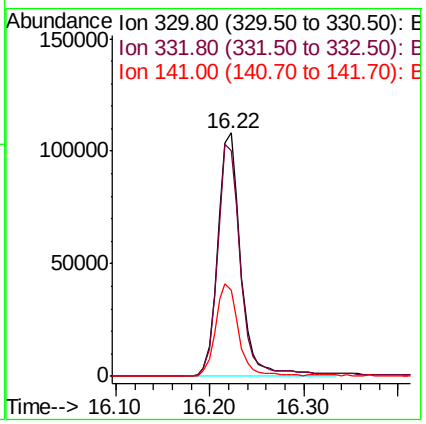


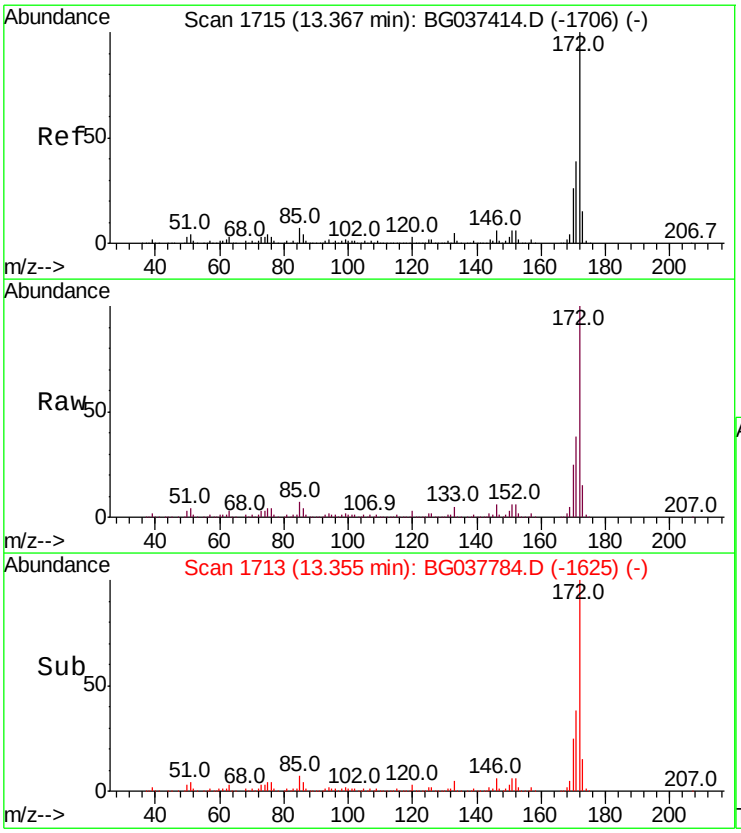
#42
2,4,6-Tribromophenol
Concen: 96.752 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Tgt Ion:330 Resp: 185586

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.4	117.6
141	38.0	32.2	48.2

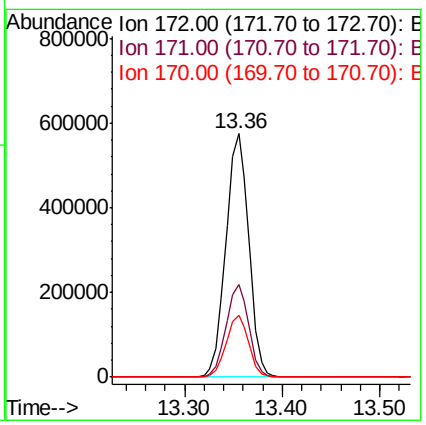


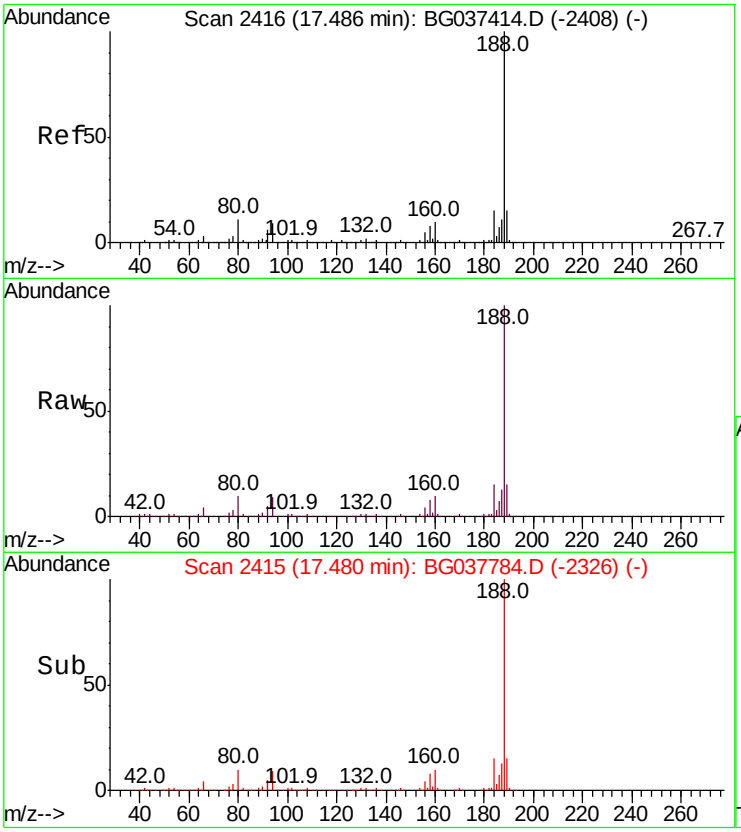


#45
2-Fluorobiphenyl
Concen: 80.251 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Tgt Ion:172 Resp: 935947

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.5	20.2	30.2



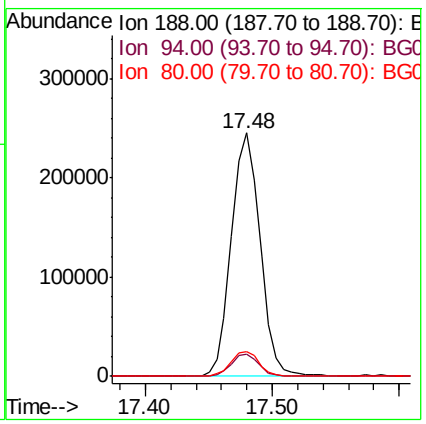


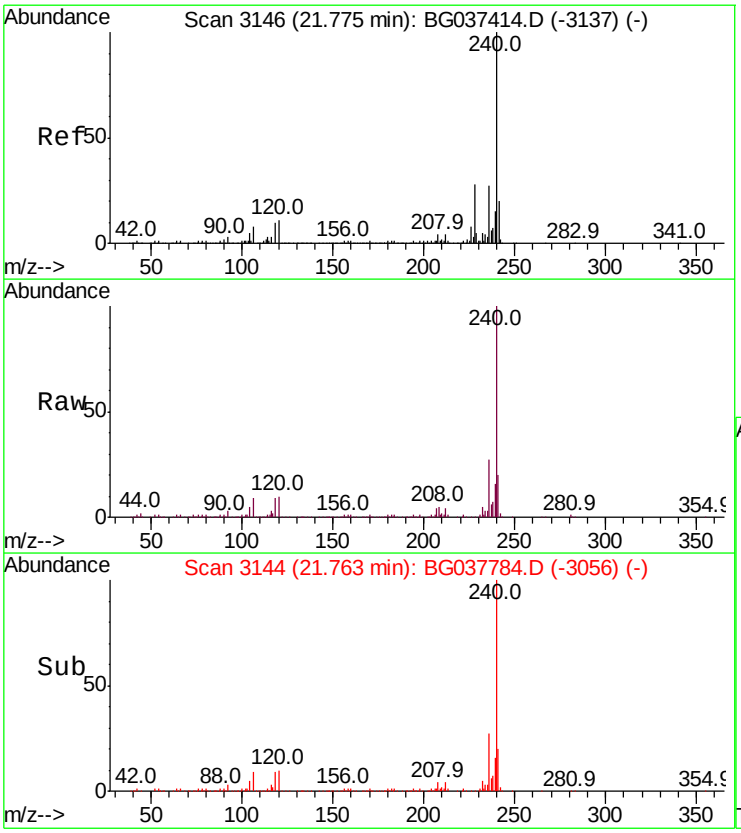
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Tgt Ion:188 Resp: 384597

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.0	7.7	11.5

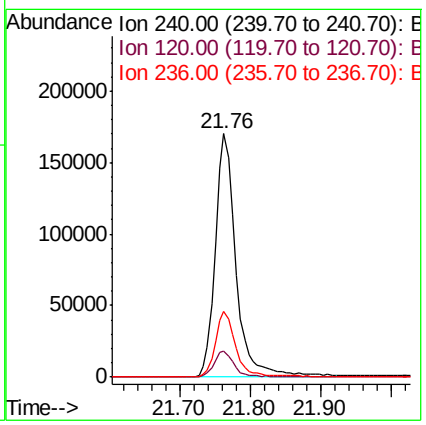


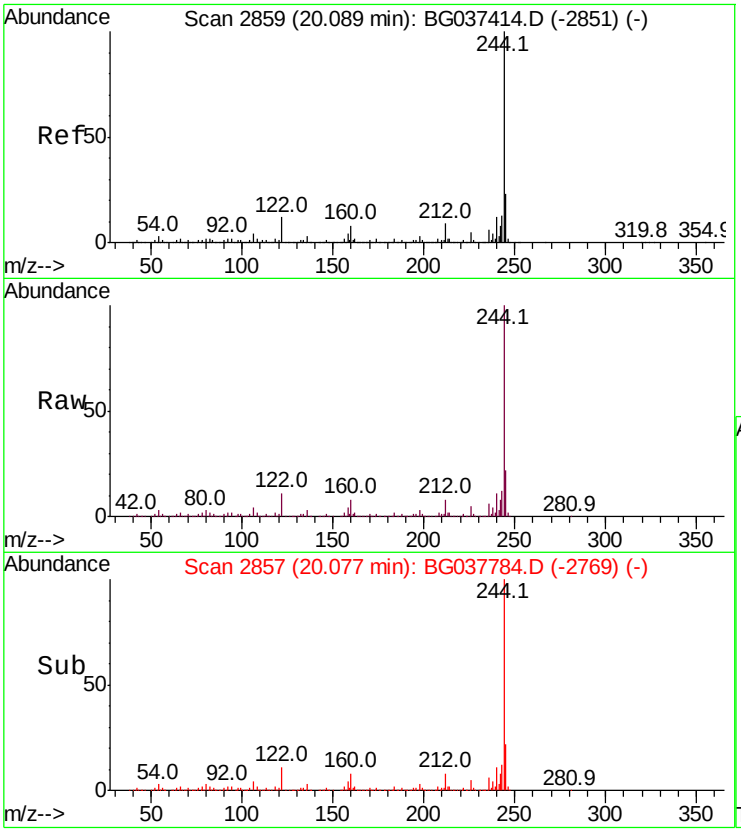


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Tgt Ion:240 Resp: 349701

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	26.8	21.4	32.0



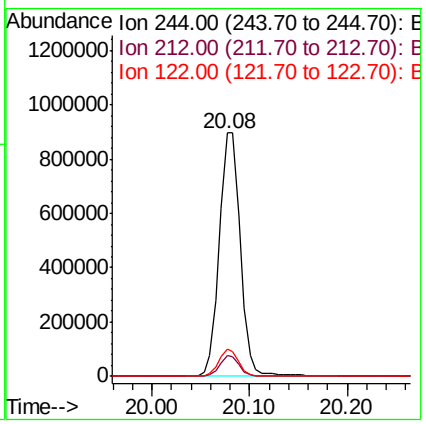


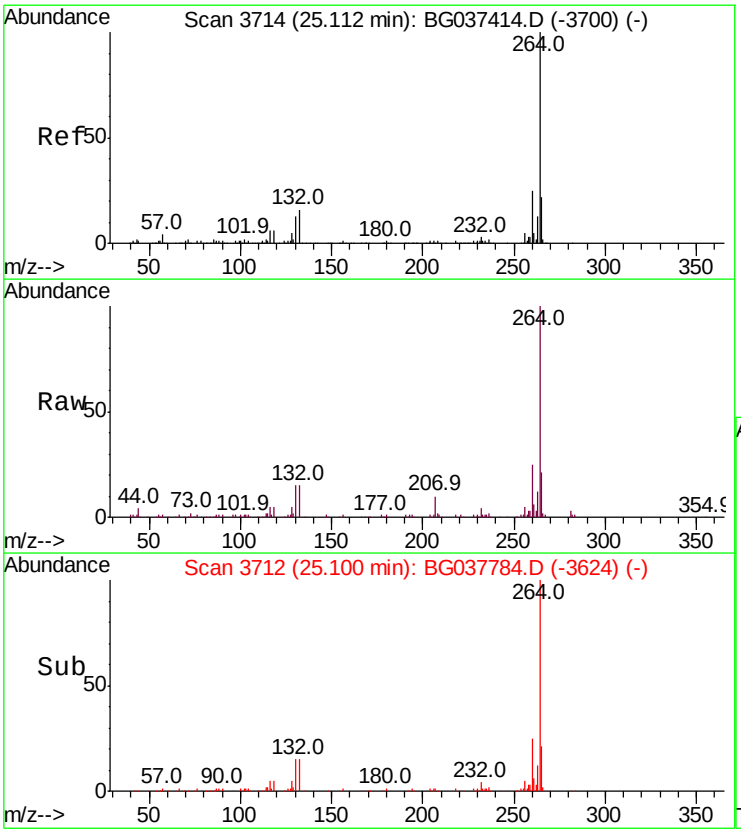
#79
Terphenyl-d14
Concen: 82.013 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Tgt Ion:244 Resp: 1342219

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.2	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: BG037784.D
Acq: 3 Nov 2018 10:23

Tgt Ion:264 Resp: 287461

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	21.1	17.9	26.9