Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037692.D
Acq On : 31 Oct 2018 20:14
Operator : JU/SJ
Sample : J5202-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-02-103018-A

Quant Time: Nov 01 07:14:17 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	55779	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	248563	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	169652	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	384369	20.00	ng	0.00
76) Chrysene-d12	21.76	240	355550	20.00	ng	-0.01
87) Perylene-d12	25.10	264	295702	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	368589	110.48	ng	0.00
7) Phenol-d6	7.24	99	484373	96.01	ng	0.00
23) Nitrobenzene-d5	9.28	82	362323	81.66	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	171484	92.68	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	864681	76.86	ng	-0.01
79) Terphenyl-d14	20.08	244	1302051	78.25	ng	0.00
Target Compounds						Qvalue

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

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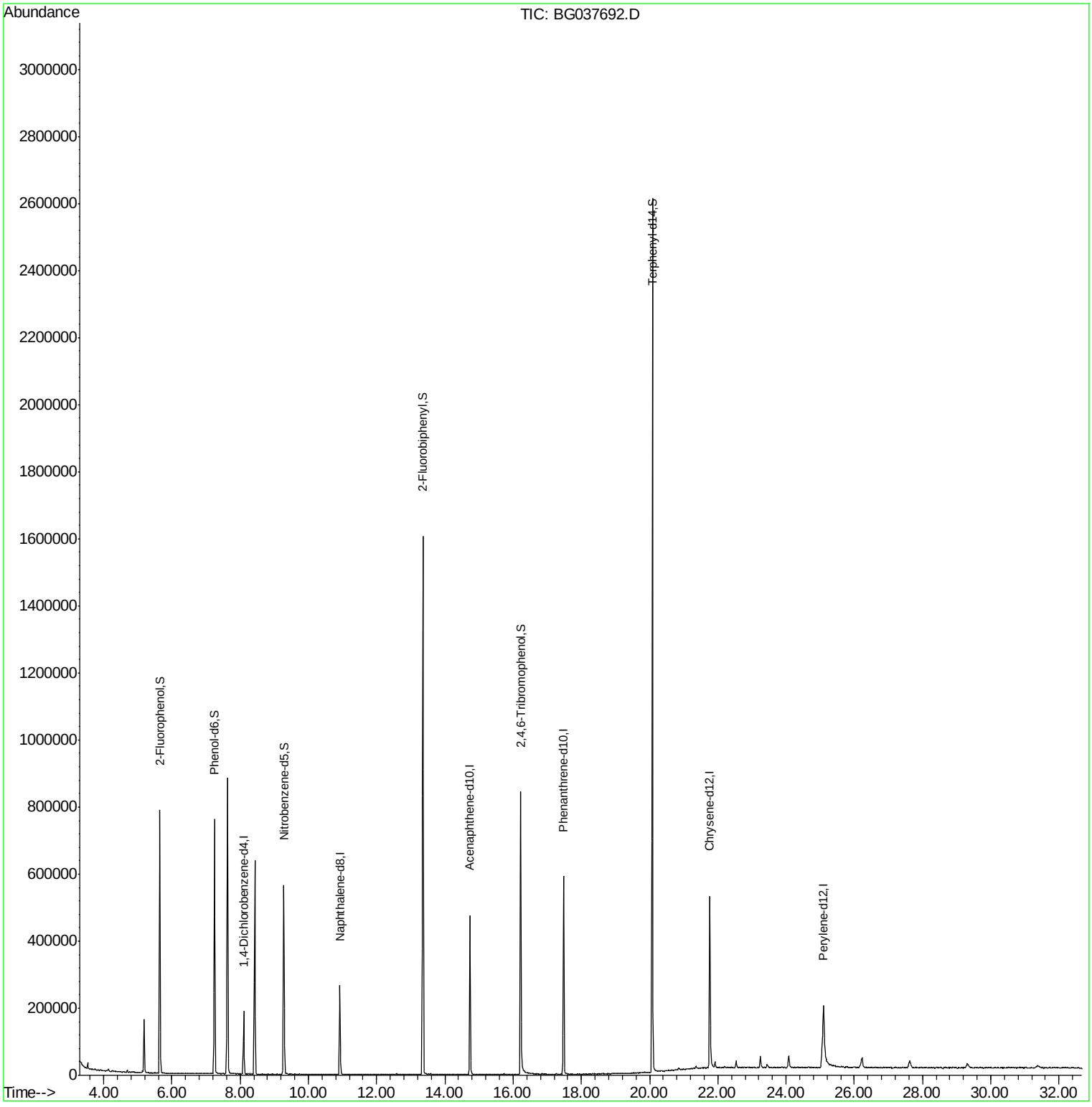
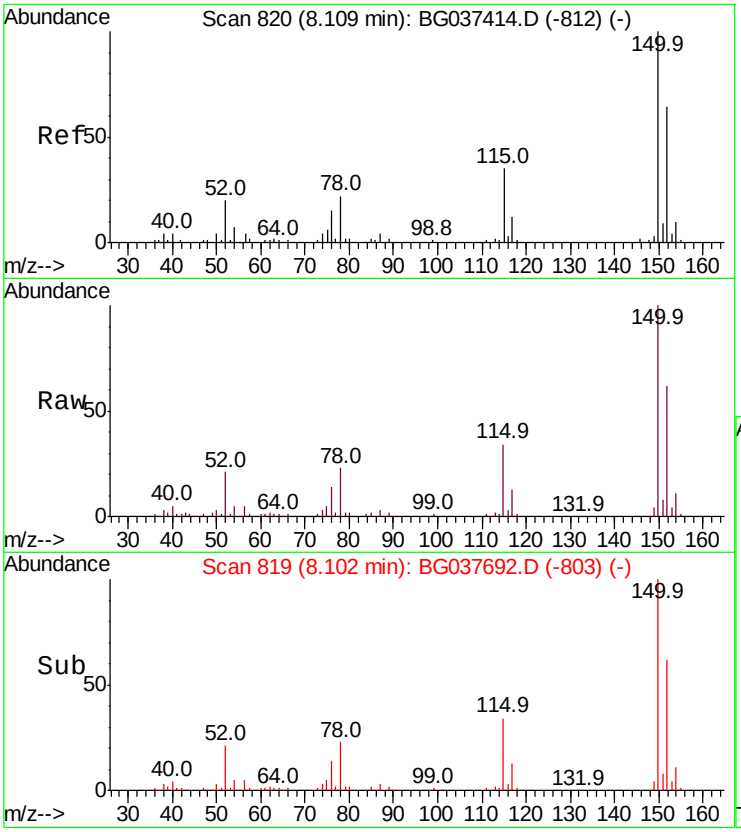


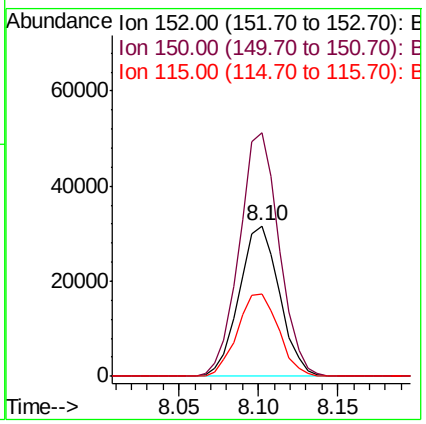


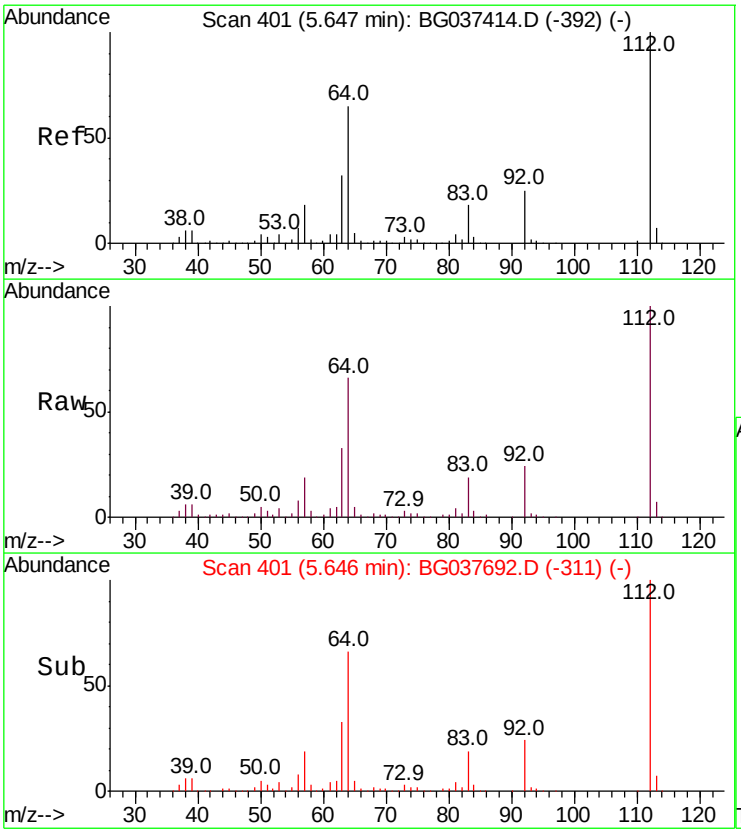
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Instrument :
BNA_G
ClientSampleId :
PL-02-103018-A

Tgt Ion:152 Resp: 55779

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.0	189.0
115	54.6	45.5	68.3

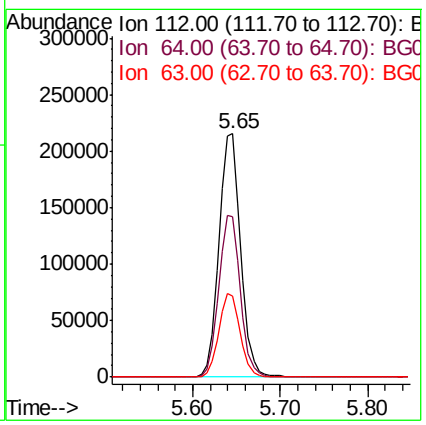


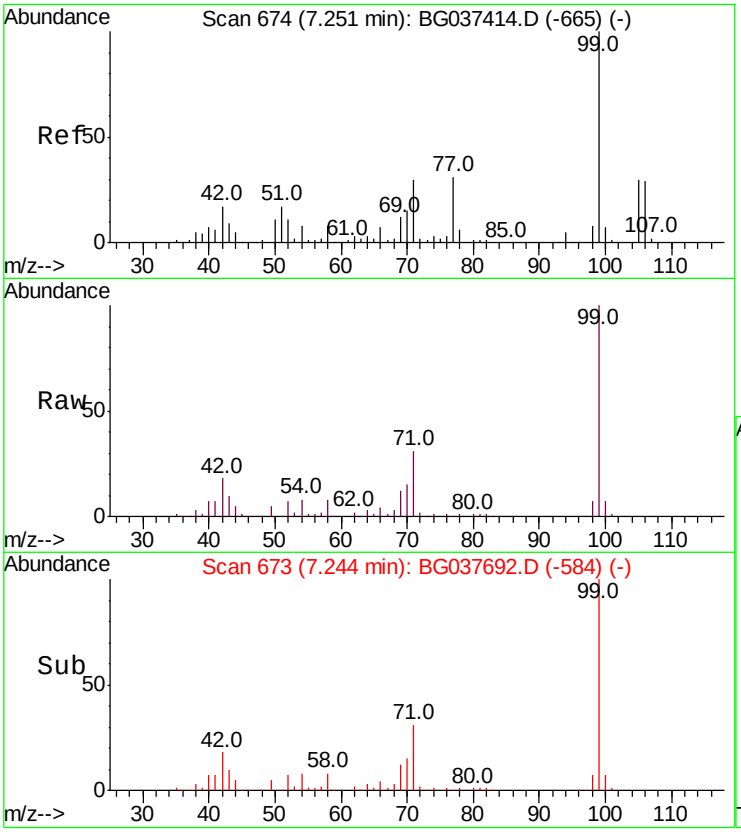


#5
2-Fluorophenol
Concen: 110.476 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Tgt Ion:112 Resp: 368589

Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.1	79.7
63	33.2	27.3	40.9



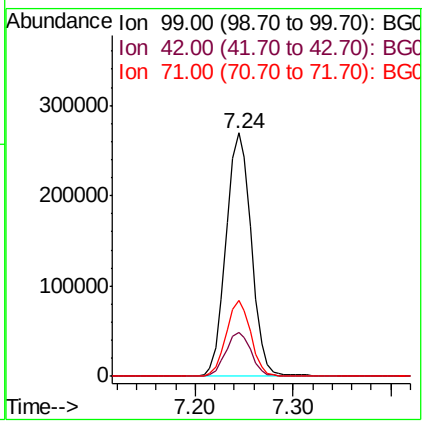


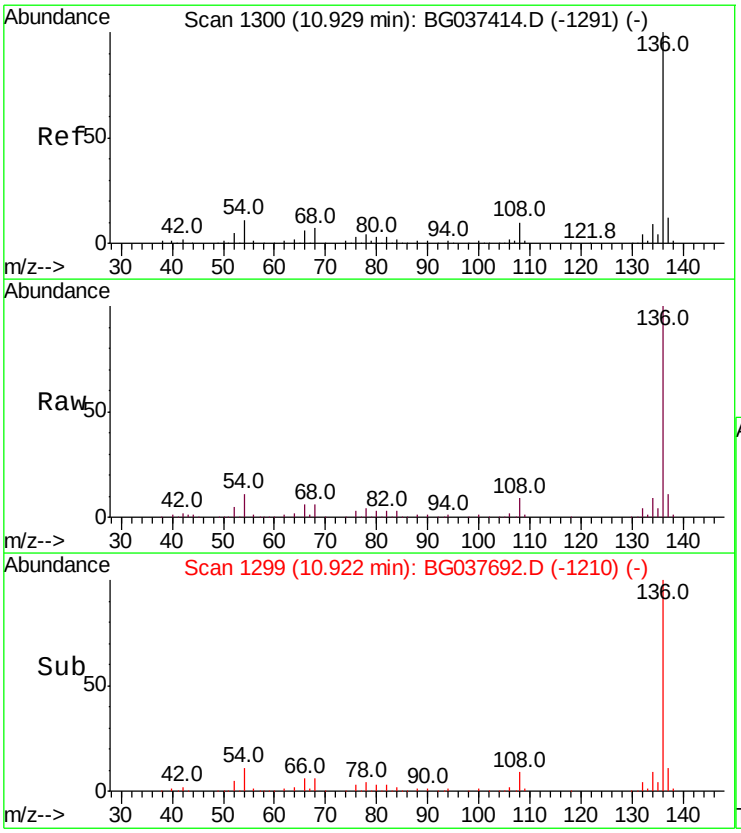
#7
Phenol-d6
Concen: 96.011 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Instrument :
BNA_G
ClientSampleId :
PL-02-103018-A

Tgt Ion: 99 Resp: 484373

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	30.9	25.5	38.3

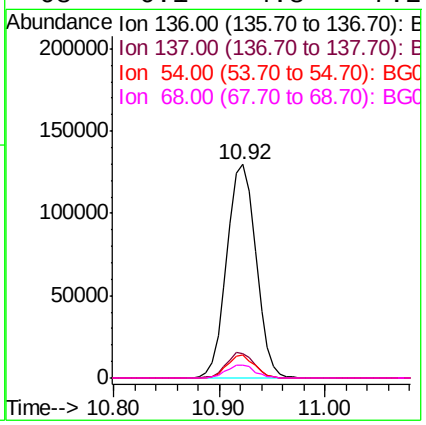


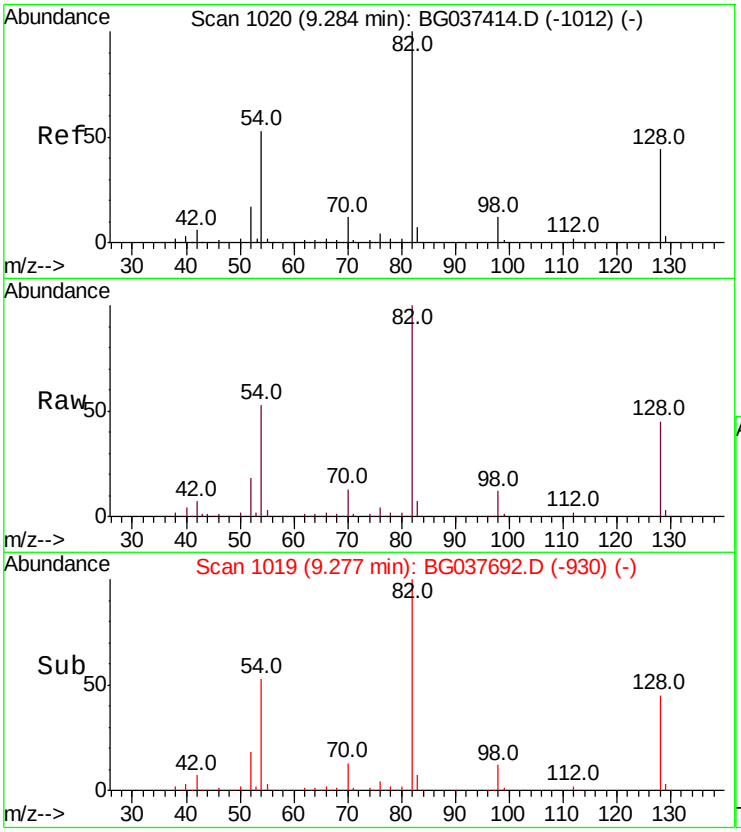


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Tgt Ion:136 Resp: 248563

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.5	7.9	11.9
68	6.1	4.8	7.2



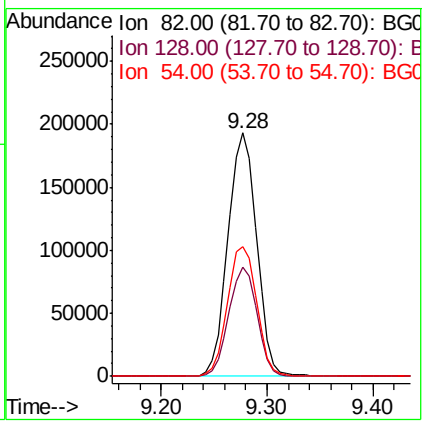


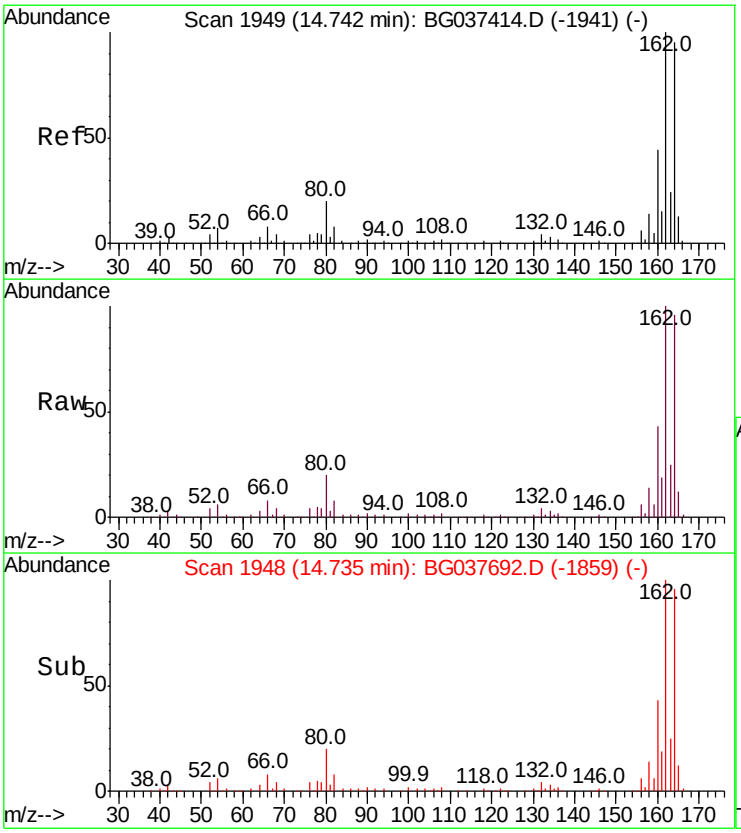
#23
Nitrobenzene-d5
Concen: 81.657 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Instrument :
BNA_G
ClientSampleId :
PL-02-103018-A

Tgt Ion: 82 Resp: 362323

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	53.1	45.3	67.9

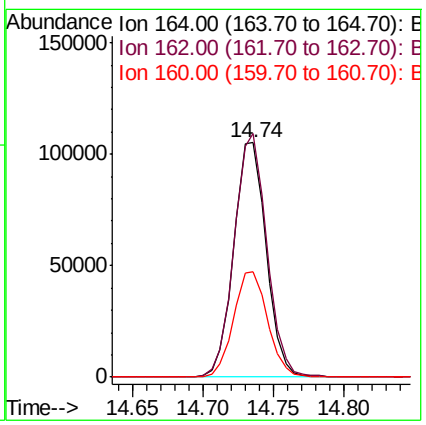


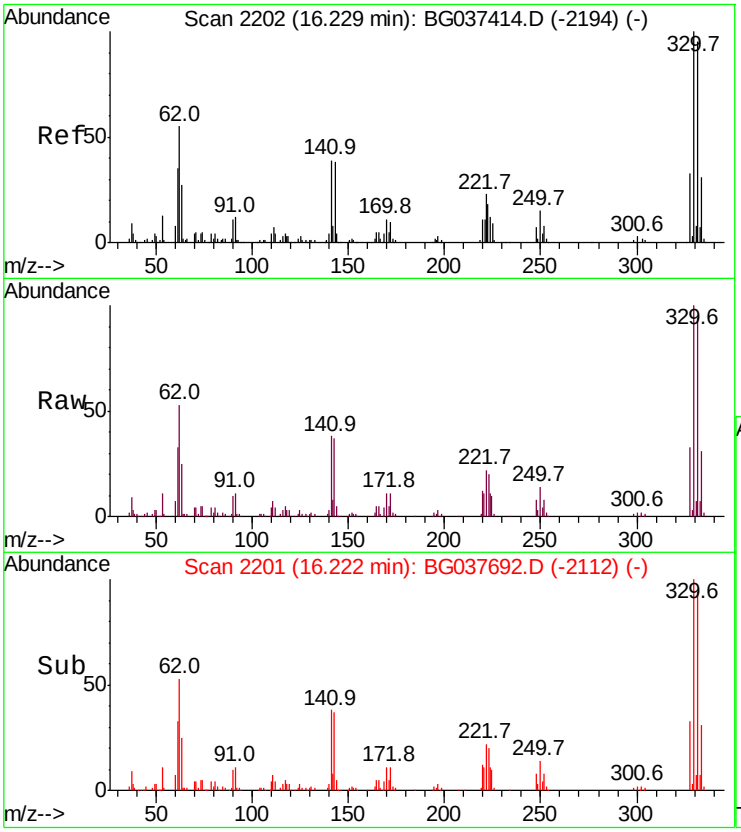


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Tgt Ion:164 Resp: 169652

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	44.9	36.3	54.5



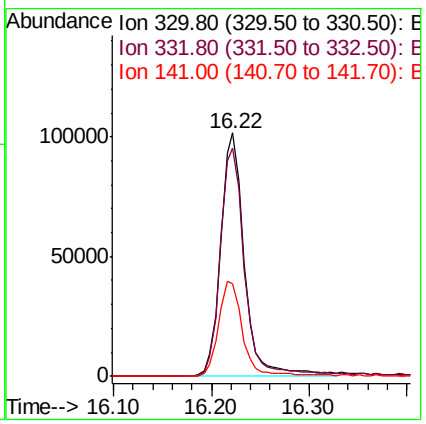


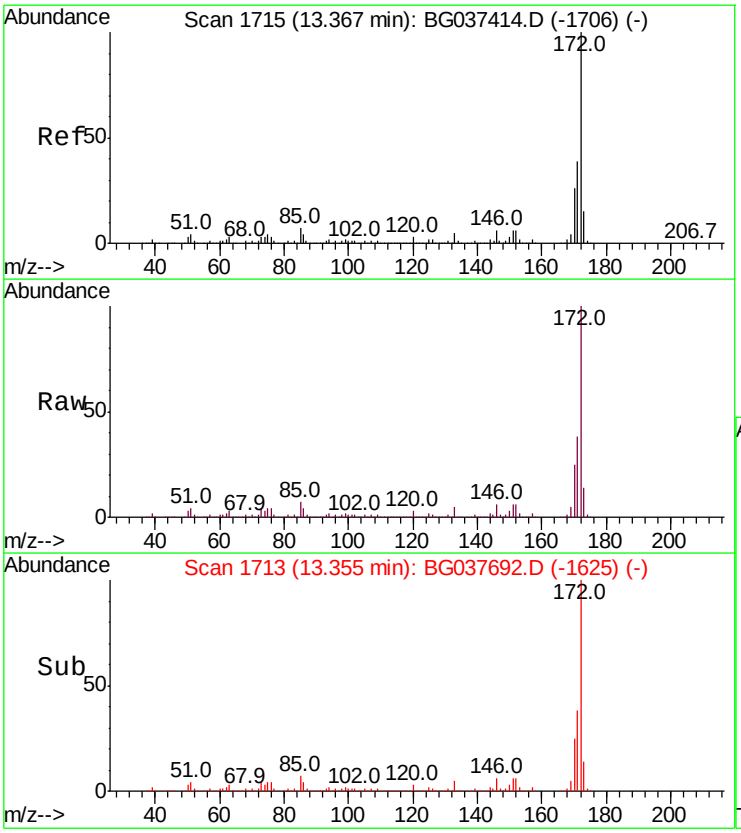
#42
2,4,6-Tribromophenol
Concen: 92.675 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Instrument :
BNA_G
ClientSampleId :
PL-02-103018-A

Tgt Ion:330 Resp: 171484

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.4	117.6
141	39.8	32.2	48.2

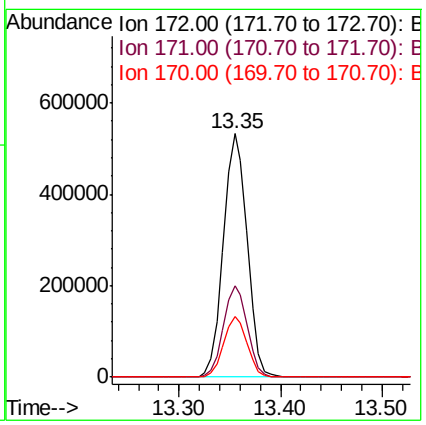


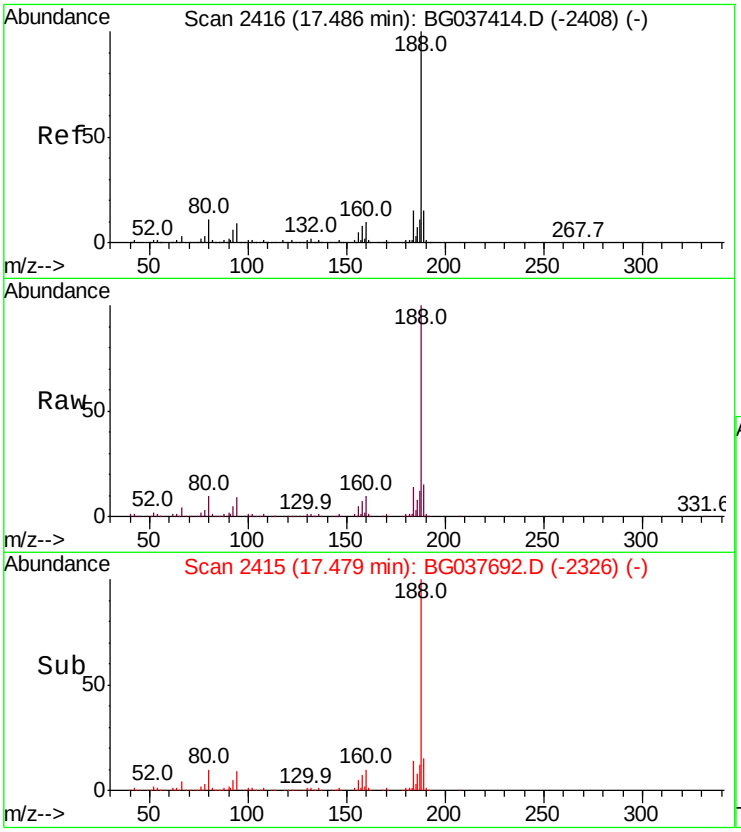


#45
2-Fluorobiphenyl
Concen: 76.857 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Tgt Ion:172 Resp: 864681

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.9	20.2	30.2



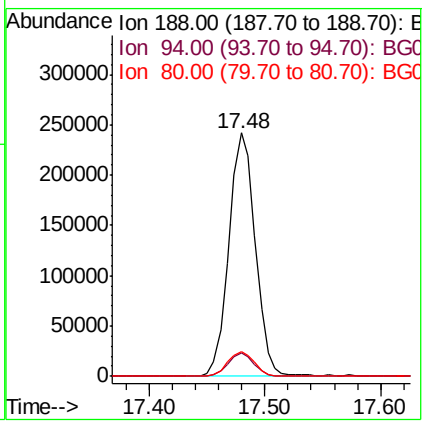


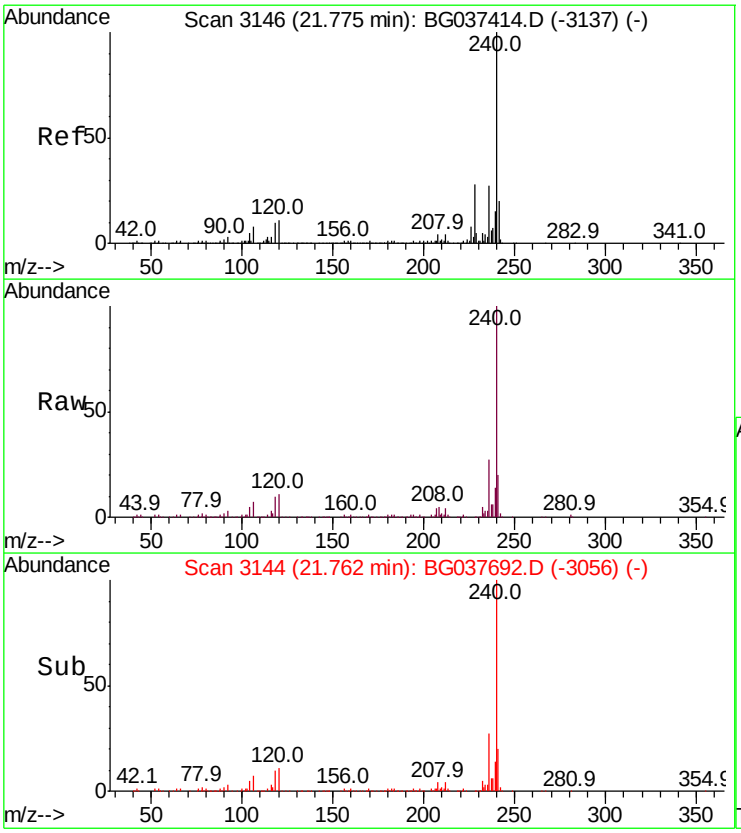
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Instrument :
BNA_G
ClientSampleId :
PL-02-103018-A

Tgt Ion:188 Resp: 384369

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.1	7.7	11.5

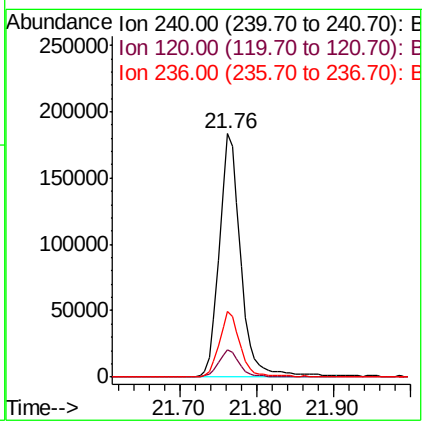


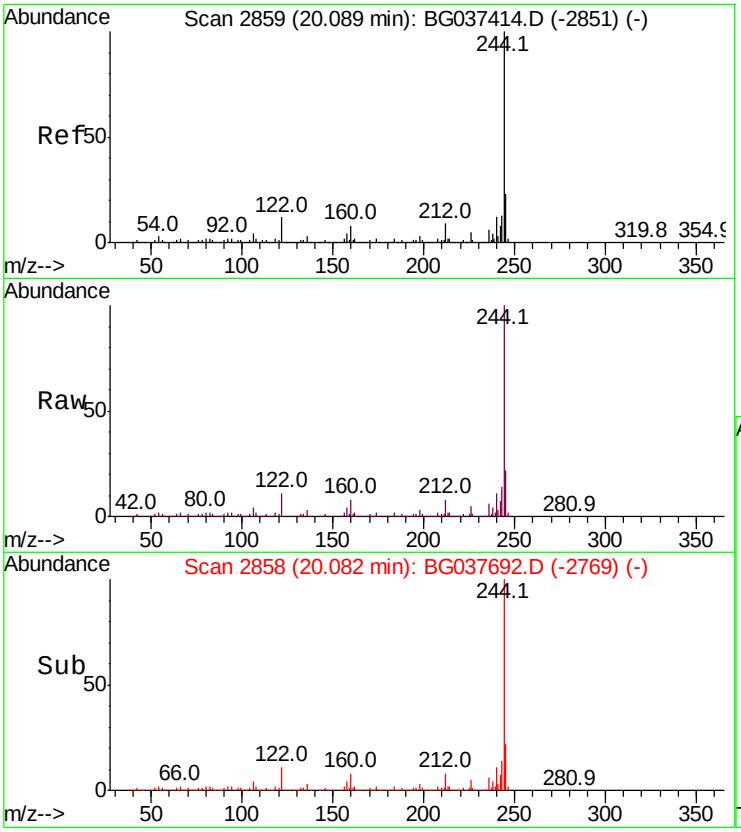


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Tgt Ion:240 Resp: 355550

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	27.2	21.4	32.0



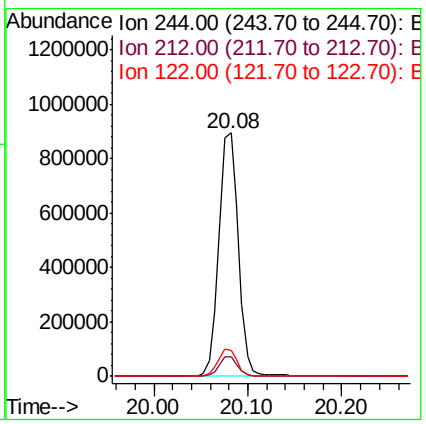


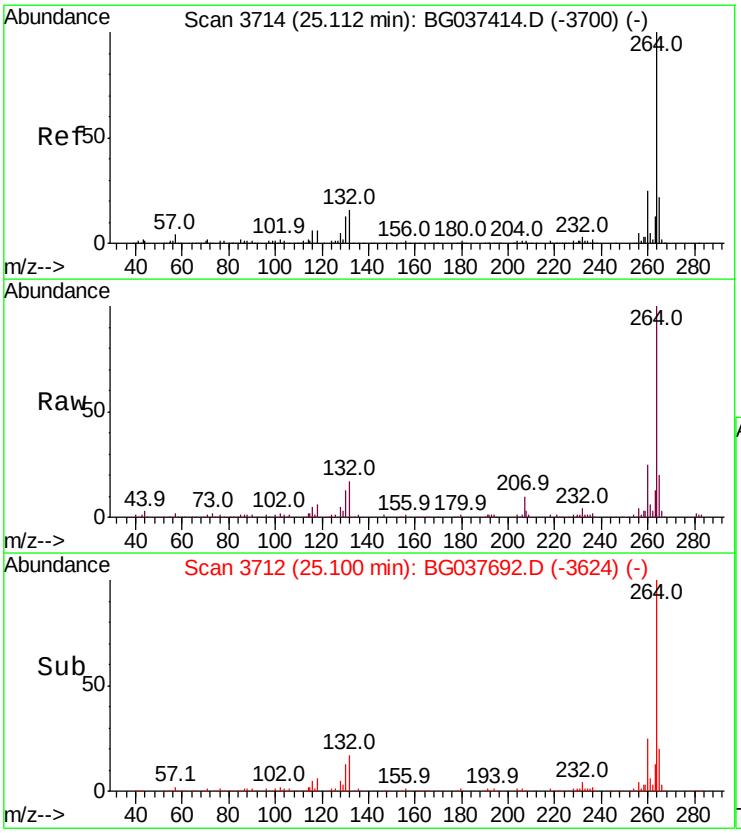
#79
Terphenyl-d14
Concen: 78.250 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Instrument :
BNA_G
ClientSampleId :
PL-02-103018-A

Tgt Ion:244 Resp: 1302051

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.8	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: BG037692.D
Acq: 31 Oct 2018 20:14

Tgt Ion:264 Resp: 295702

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	20.1	17.9	26.9