Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
Data File : BG037150.D
Acq On : 4 Oct 2018 7:32
Operator : JU/SJ
Sample : J5192-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-100218-A

Quant Time: Oct 04 09:23:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53646	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	215747	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	126658	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	299087	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	325531	20.00	ng	-0.02
86) Perylene-d12	24.88	264	311098	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	340427	121.70	ng	0.00
7) Phenol-d6	7.20	99	408605	94.41	ng	-0.01
23) Nitrobenzene-d5	9.20	82	339451	84.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	147938	97.62	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	678532	79.79	ng	-0.01
78) Terphenyl-d14	20.01	244	1116090	90.15	ng	-0.01

Target Compounds	Qvalue

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

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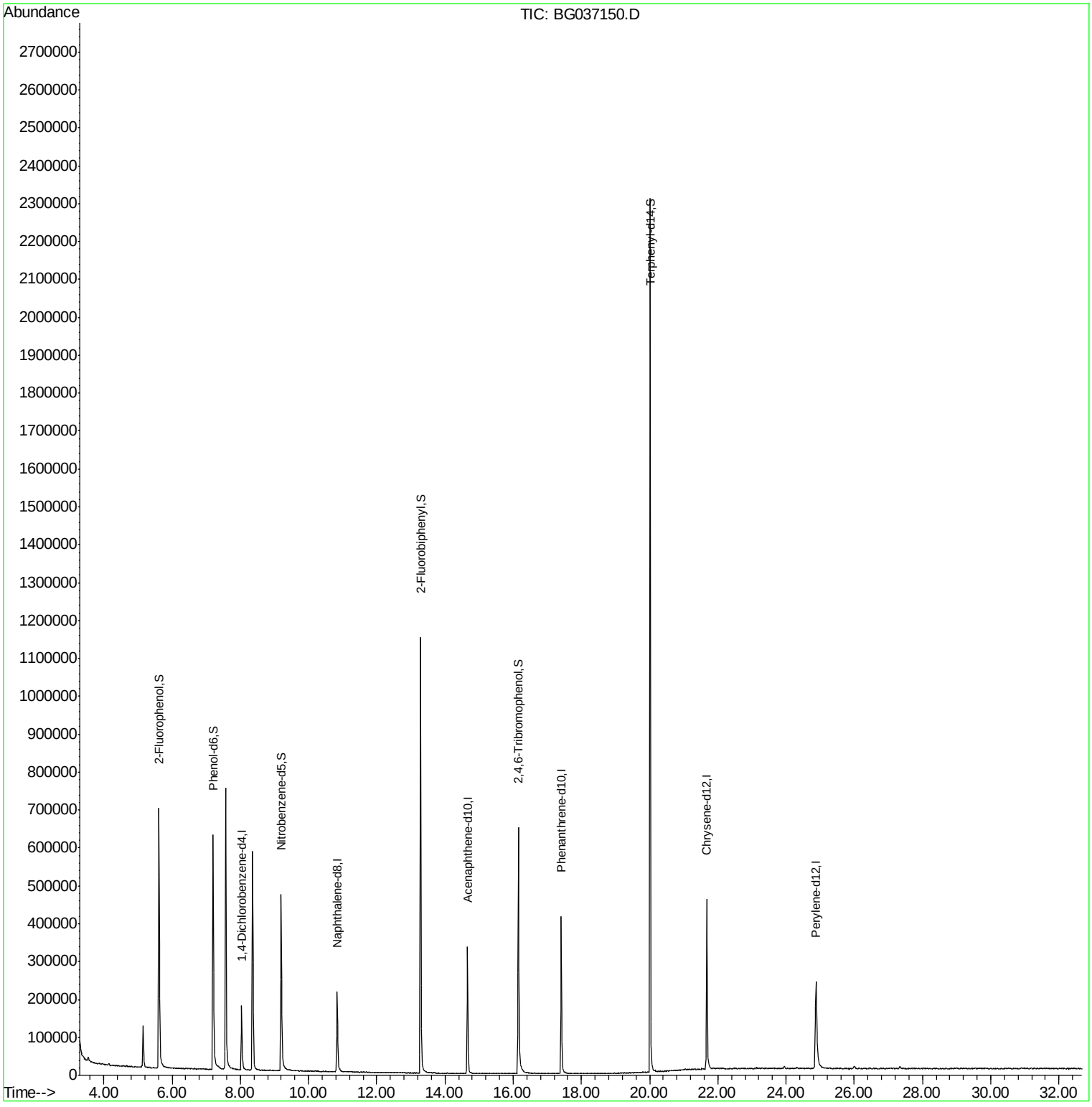
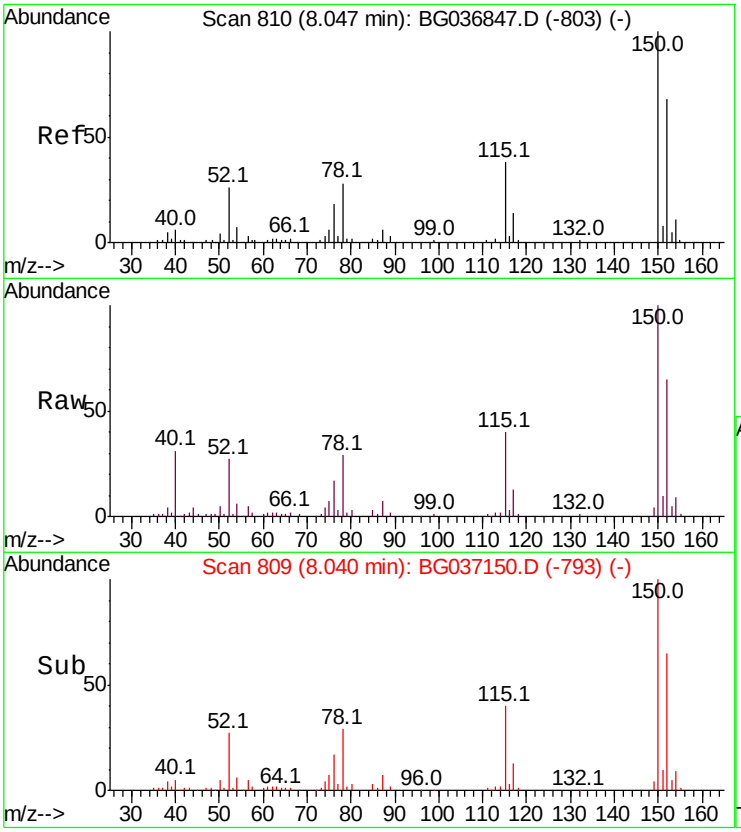


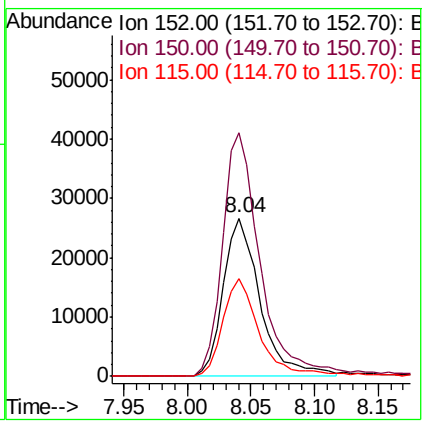


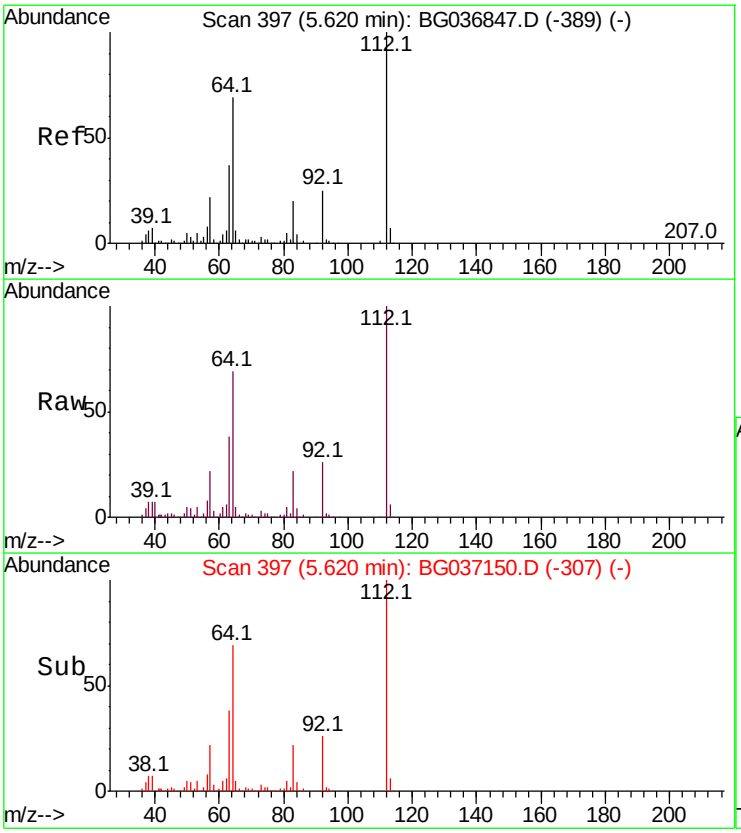
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-A

Tgt Ion:152 Resp: 53646

Ion	Ratio	Lower	Upper
152	100		
150	154.2	119.5	179.3
115	61.7	44.5	66.7

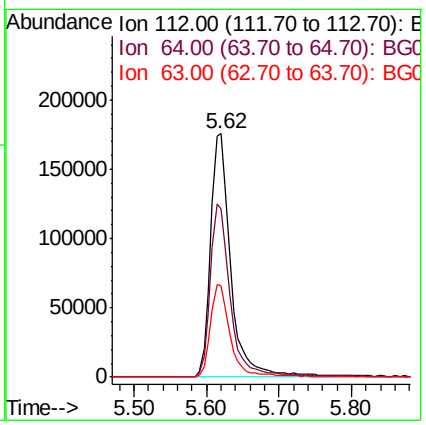


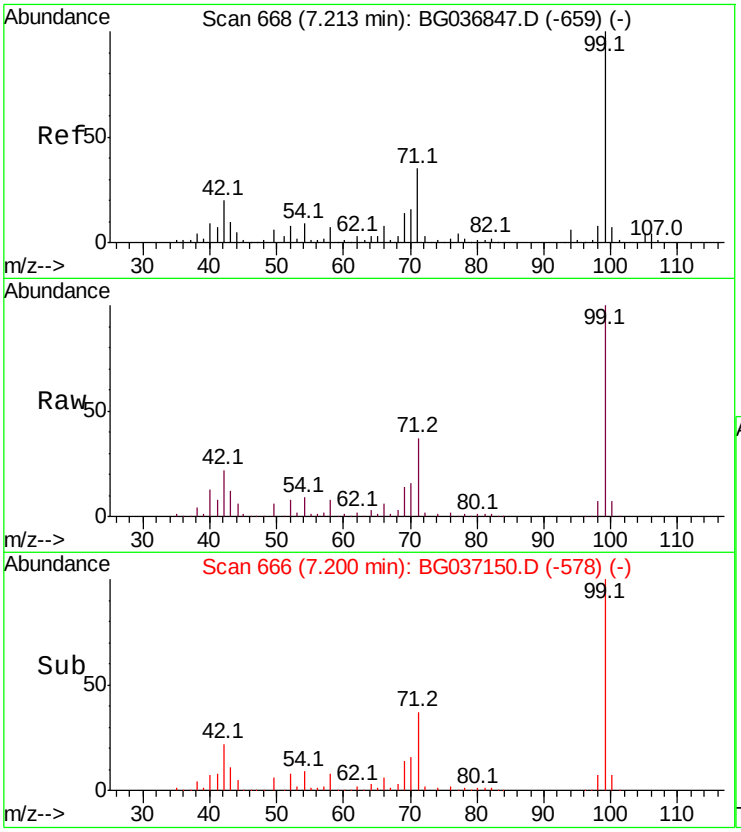


#5
2-Fluorophenol
Concen: 121.699 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Tgt Ion:112 Resp: 340427

Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.2	85.8
63	37.6	30.8	46.2



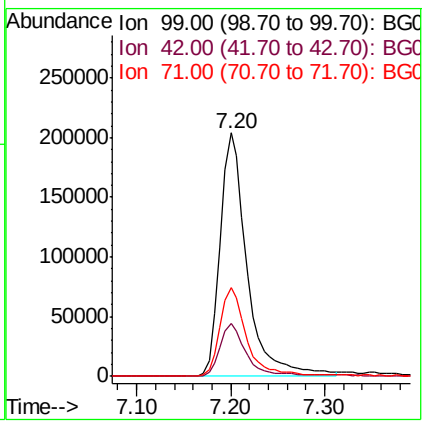


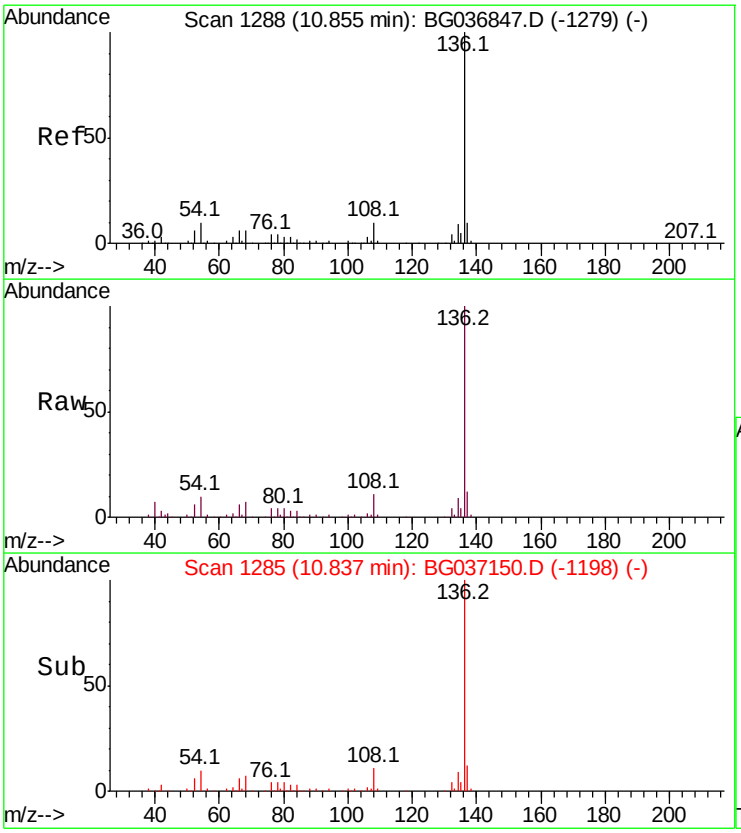
#7
Phenol-d6
Concen: 94.412 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-A

Tgt Ion: 99 Resp: 408605

Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.5	24.7
71	36.6	29.4	44.2

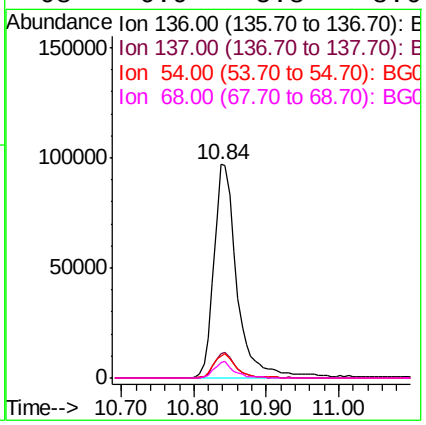


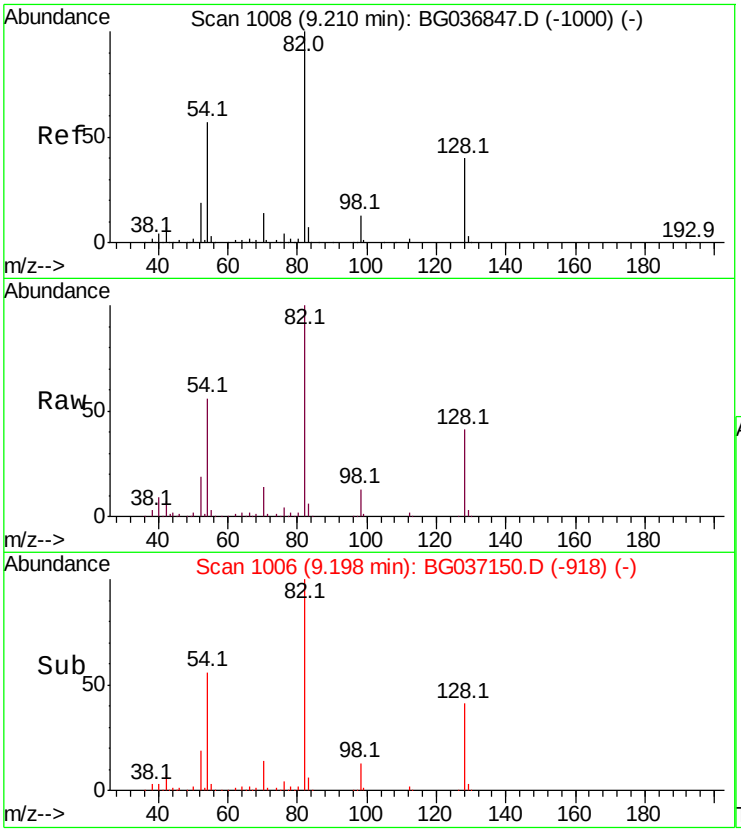


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Tgt Ion:136 Resp: 215747

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.4	9.2	13.8
68	6.9	5.8	8.6



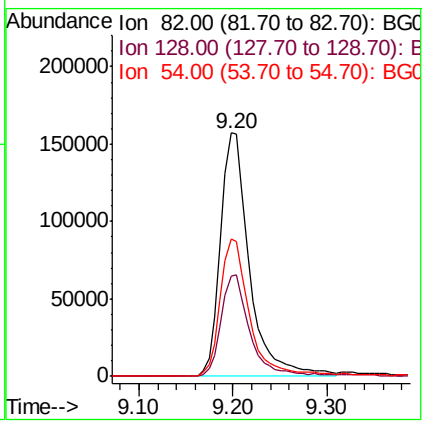


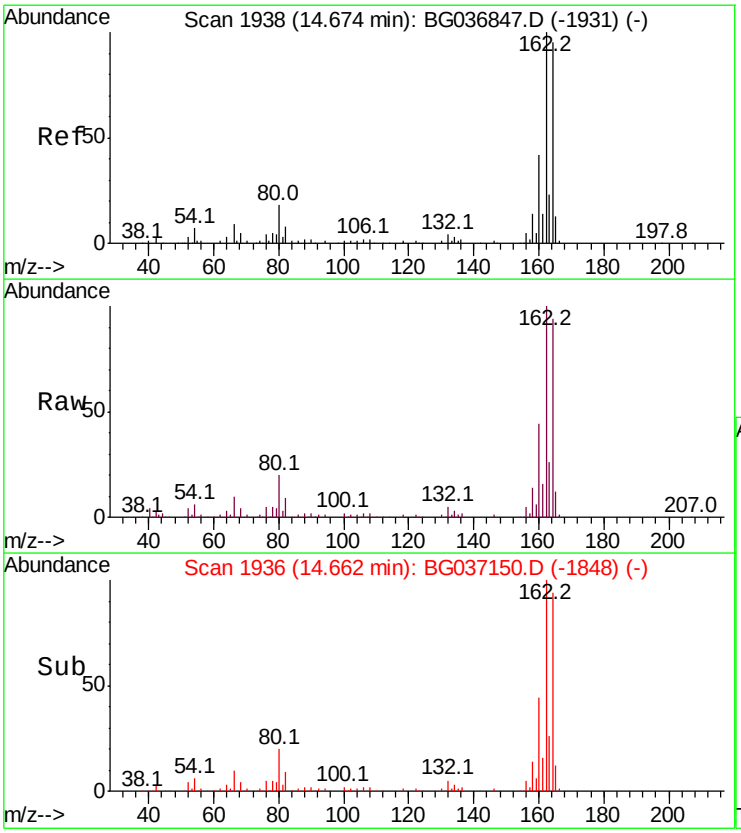
#23
Nitrobenzene-d5
Concen: 84.256 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-A

Tgt Ion: 82 Resp: 339451

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	56.5	45.1	67.7

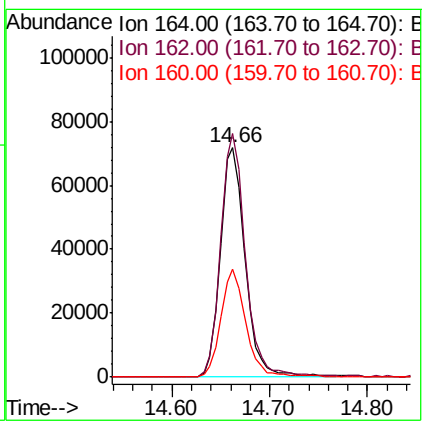


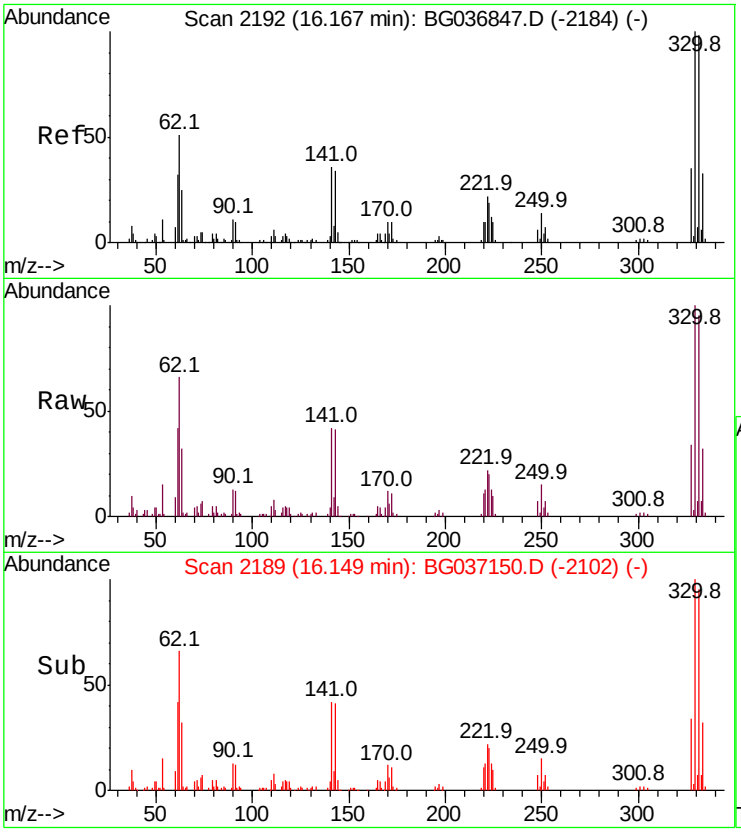


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Tgt Ion:164 Resp: 126658

Ion	Ratio	Lower	Upper
164	100		
162	106.3	80.7	121.1
160	47.1	35.3	52.9



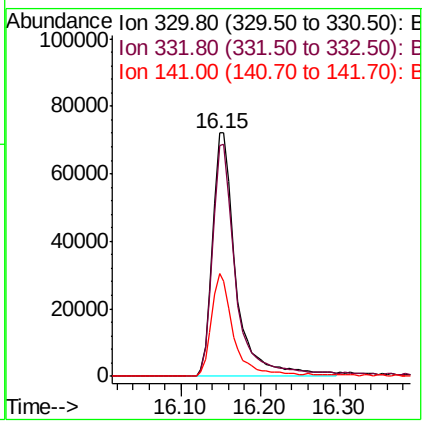


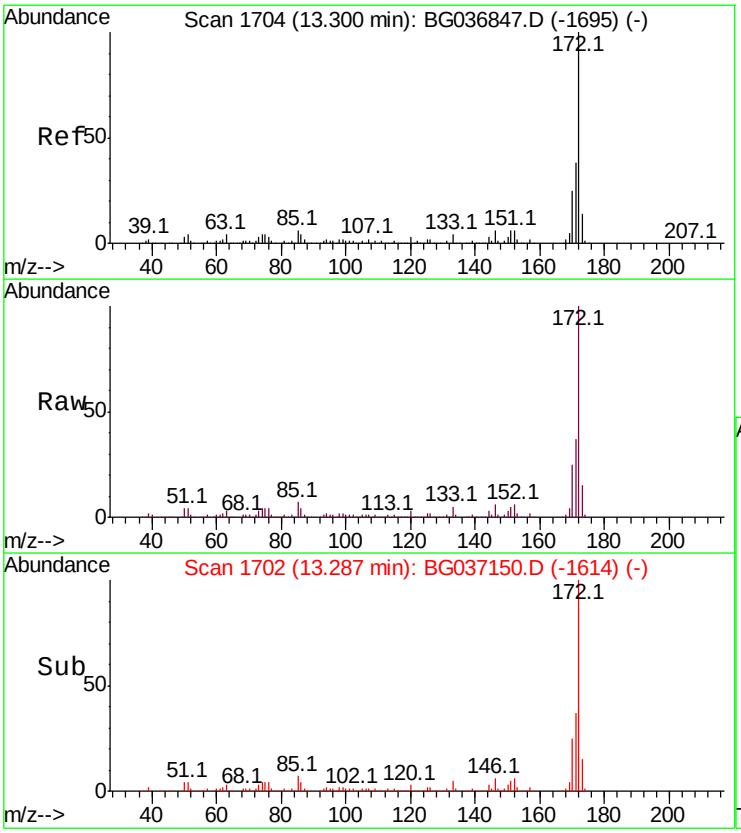
#41
2,4,6-Tribromophenol
Concen: 97.624 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-A

Tgt Ion:330 Resp: 147938

Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.2
141	39.9	30.7	46.1

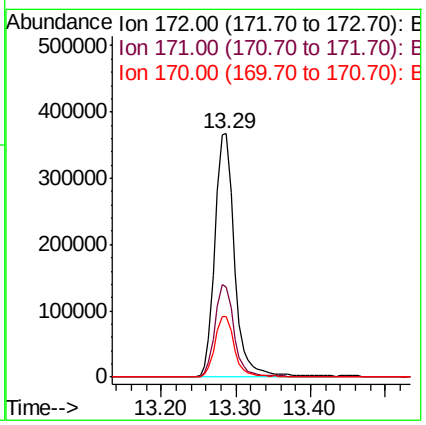


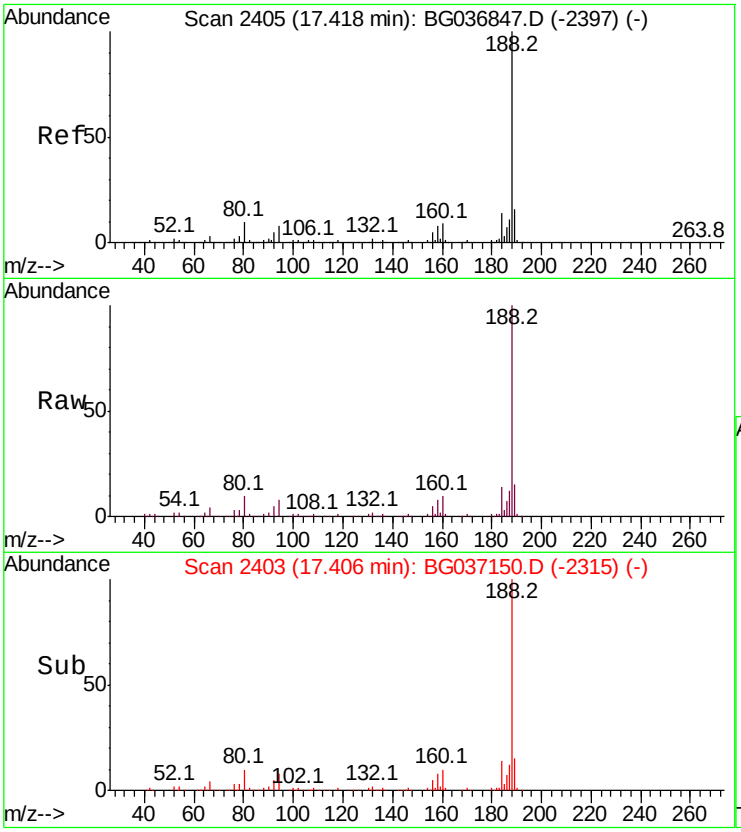


#44
2-Fluorobiphenyl
Concen: 79.790 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Tgt Ion:172 Resp: 678532

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.3	46.9
170	24.6	21.0	31.6



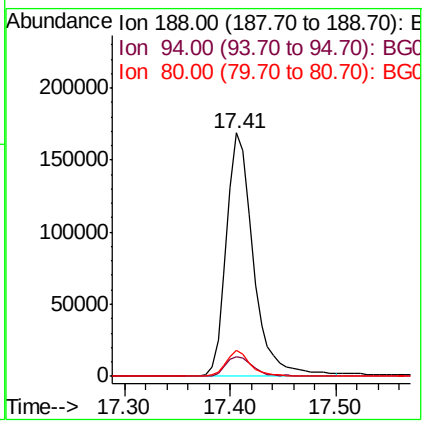


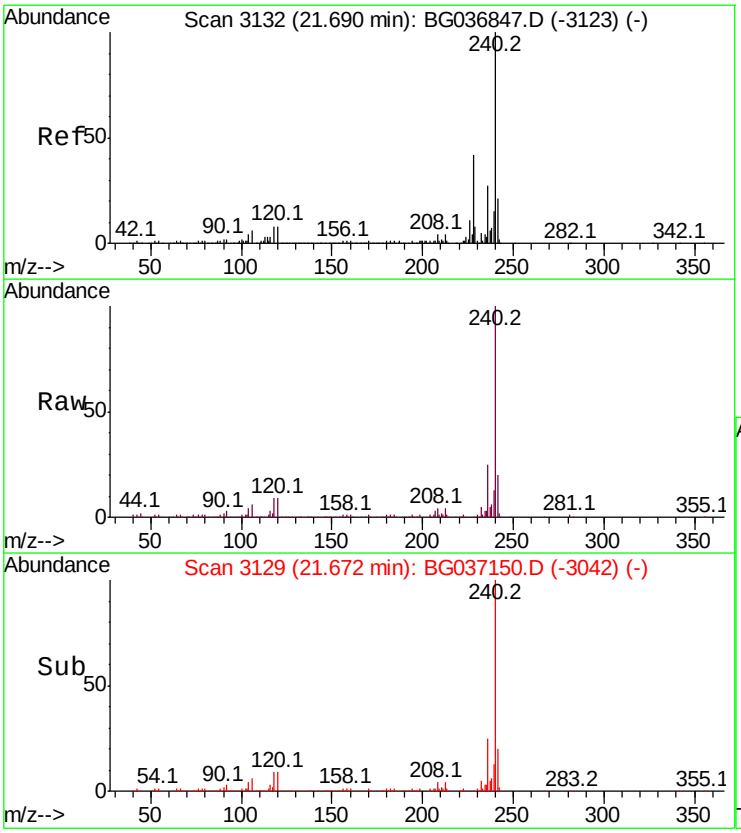
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-A

Tgt Ion:188 Resp: 299087

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	10.5	8.1	12.1

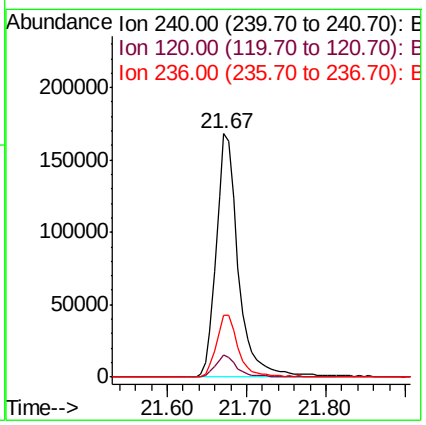


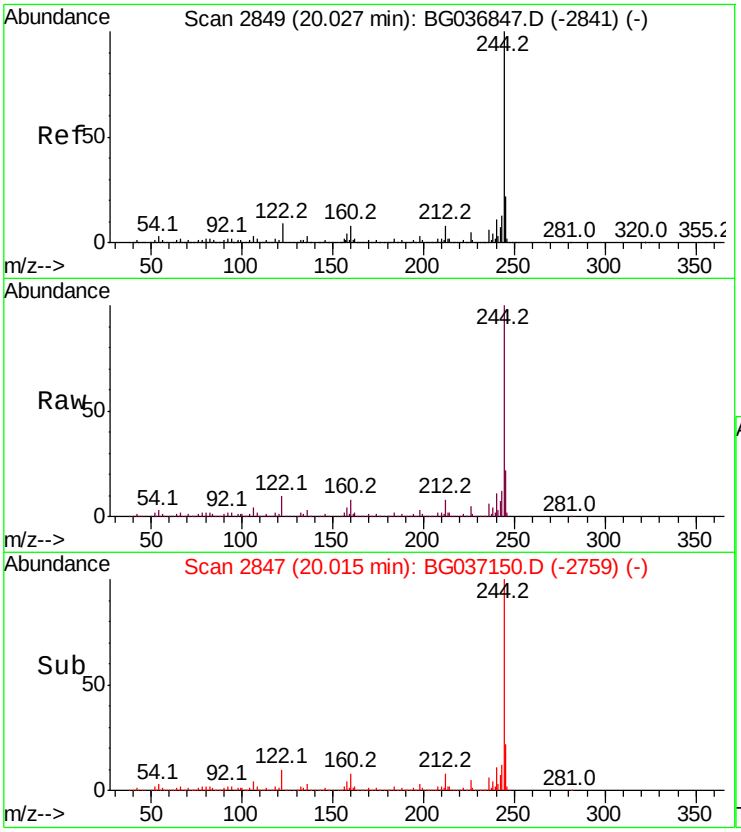


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Tgt Ion:240 Resp: 325531

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	25.5	21.2	31.8



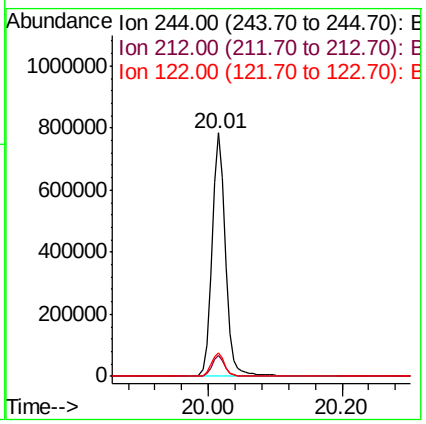


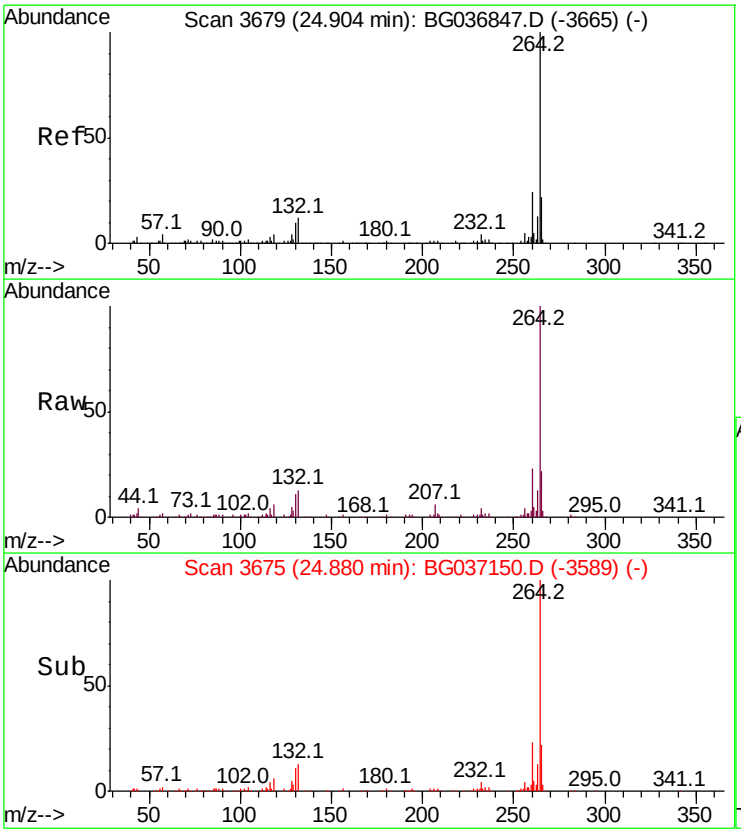
#78
Terphenyl-d14
Concen: 90.153 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-A

Tgt Ion:244 Resp: 1116090

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.8	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037150.D
Acq: 4 Oct 2018 7:32

Tgt Ion:264 Resp: 311098

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.5	17.4	26.0