Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
Data File : BG036016.D
Acq On : 1 Aug 2018 00:38
Operator : JU/SJ
Sample : J3831-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-072718

Quant Time: Aug 01 05:26:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42055	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	148369	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	100362	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	282251	20.00	ng	0.00
75) Chrysene-d12	21.65	240	309955	20.00	ng	0.00
86) Perylene-d12	24.85	264	283299	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	353190	139.43	ng	0.00
7) Phenol-d6	7.19	99	450144	119.11	ng	0.00
23) Nitrobenzene-d5	9.19	82	362652	102.11	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	231735	175.18	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	788672	105.28	ng	0.00
78) Terphenyl-d14	19.99	244	1541514	109.63	ng	0.00
Target Compounds						Qvalue

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

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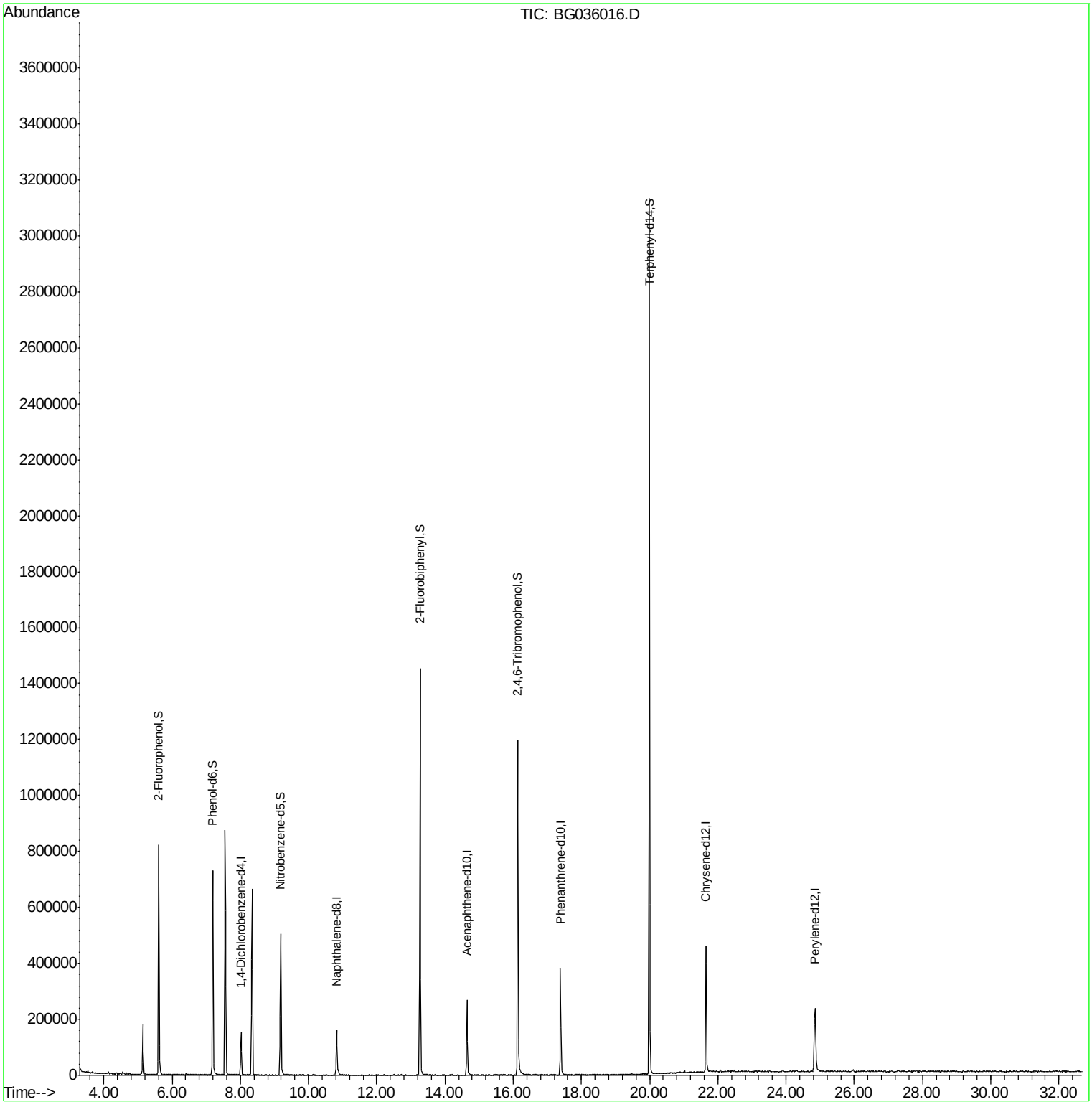
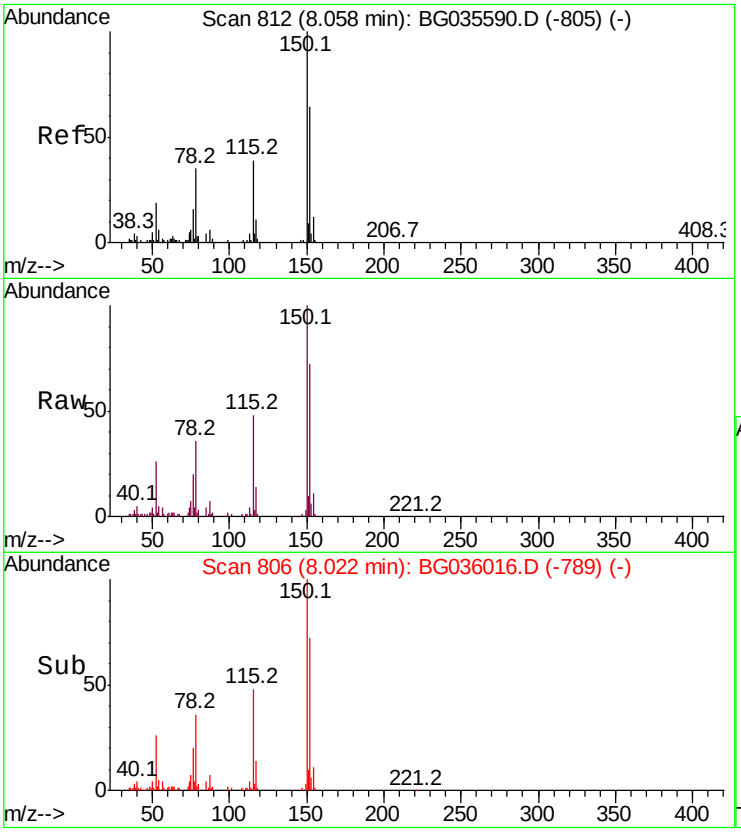


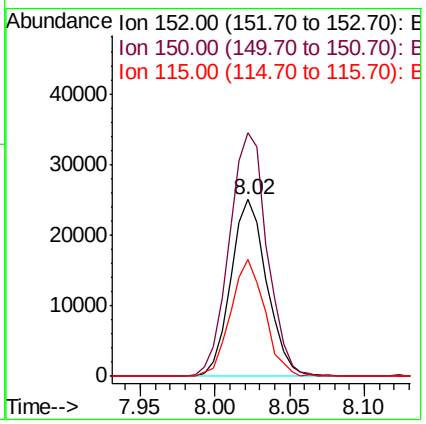


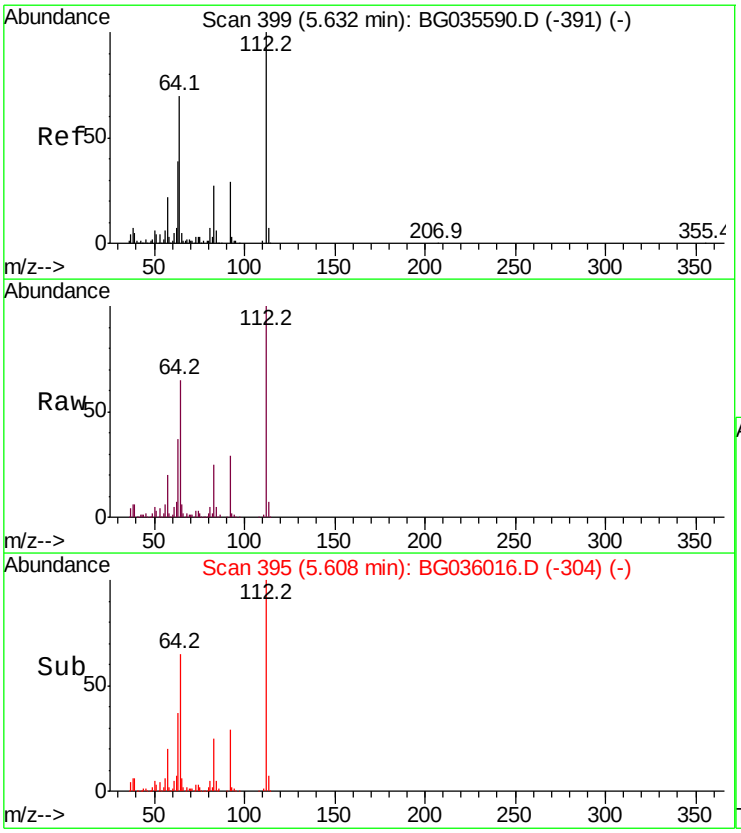
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-03-072718

Tgt Ion:152 Resp: 42055

Ion	Ratio	Lower	Upper
152	100		
150	138.0	126.6	189.8
115	66.6	53.0	79.4

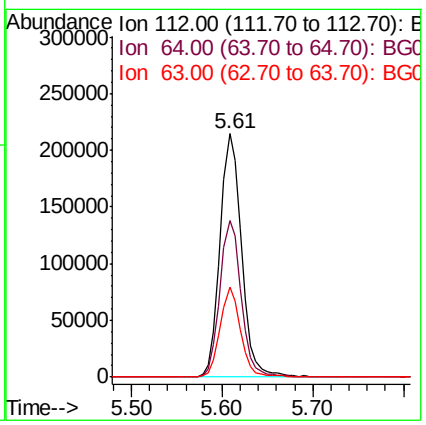


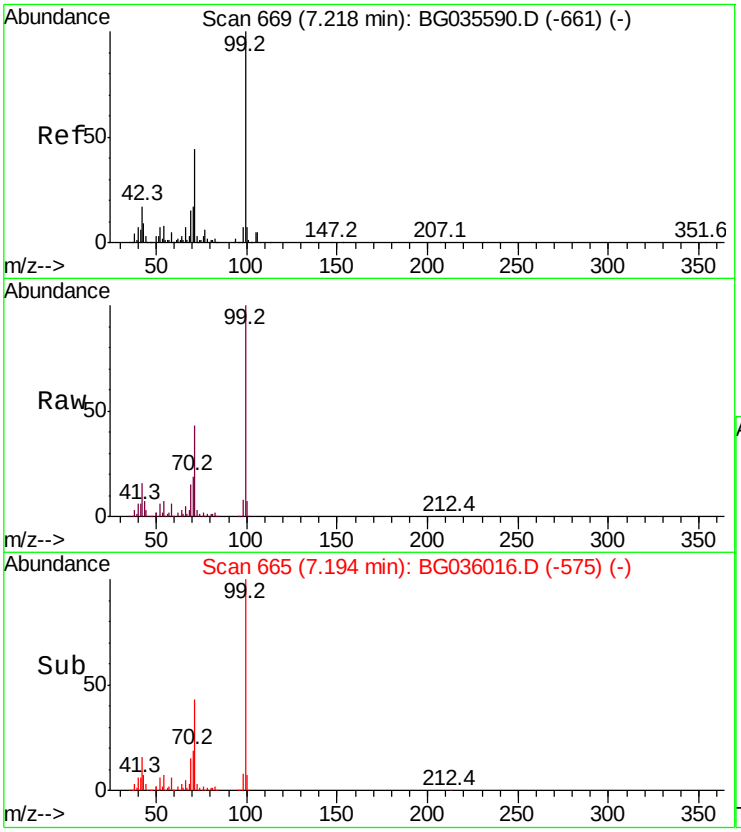


#5
2-Fluorophenol
Concen: 139.431 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Tgt Ion:112 Resp: 353190

Ion	Ratio	Lower	Upper
112	100		
64	64.6	56.3	84.5
63	37.0	30.1	45.1



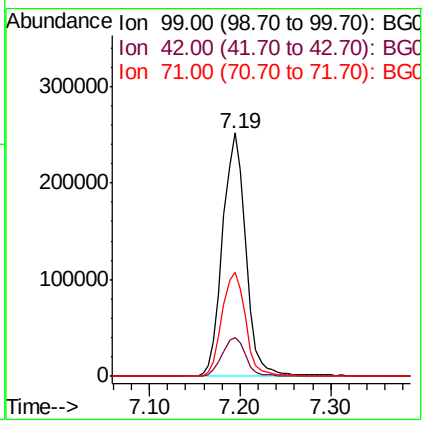


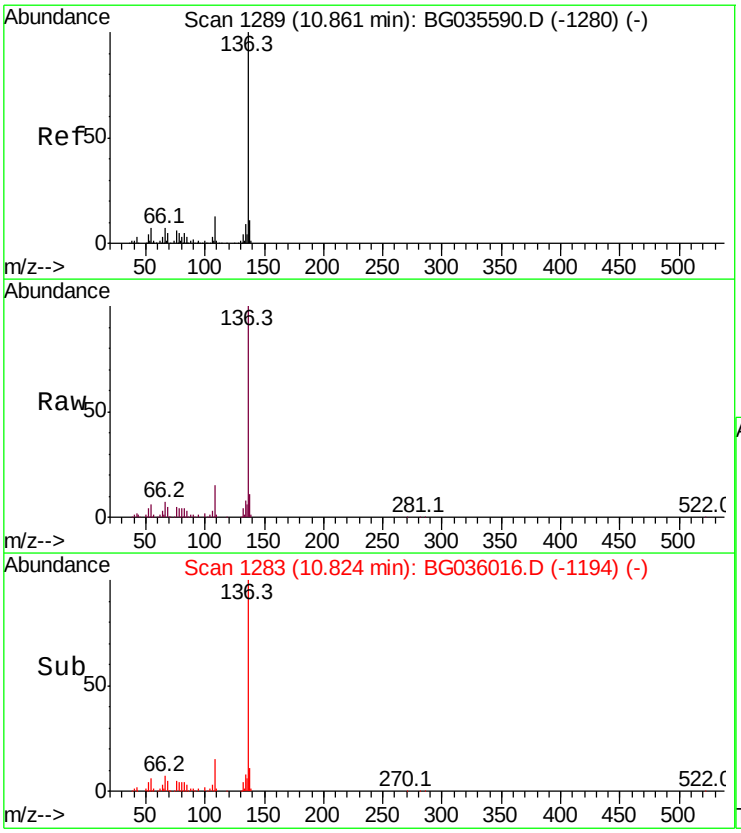
#7
Phenol-d6
Concen: 119.107 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-03-072718

Tgt Ion: 99 Resp: 450144

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	42.8	26.1	39.1#

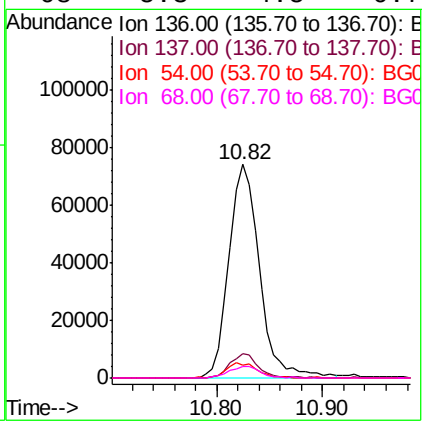


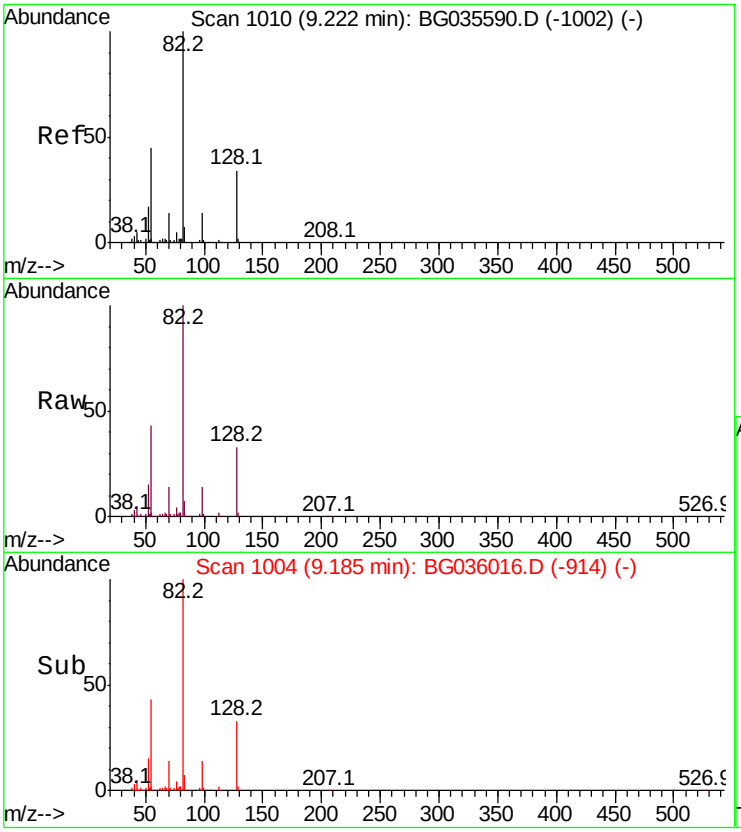


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Tgt Ion:136 Resp: 148369

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.9	10.3	15.5#
68	5.3	4.5	6.7



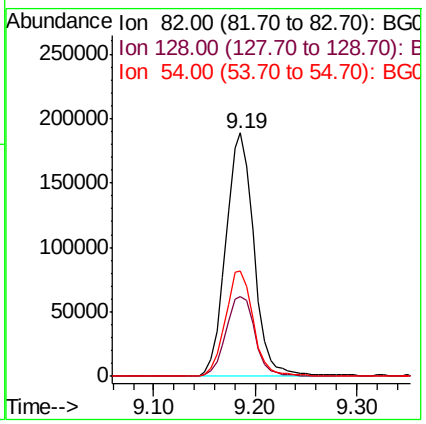


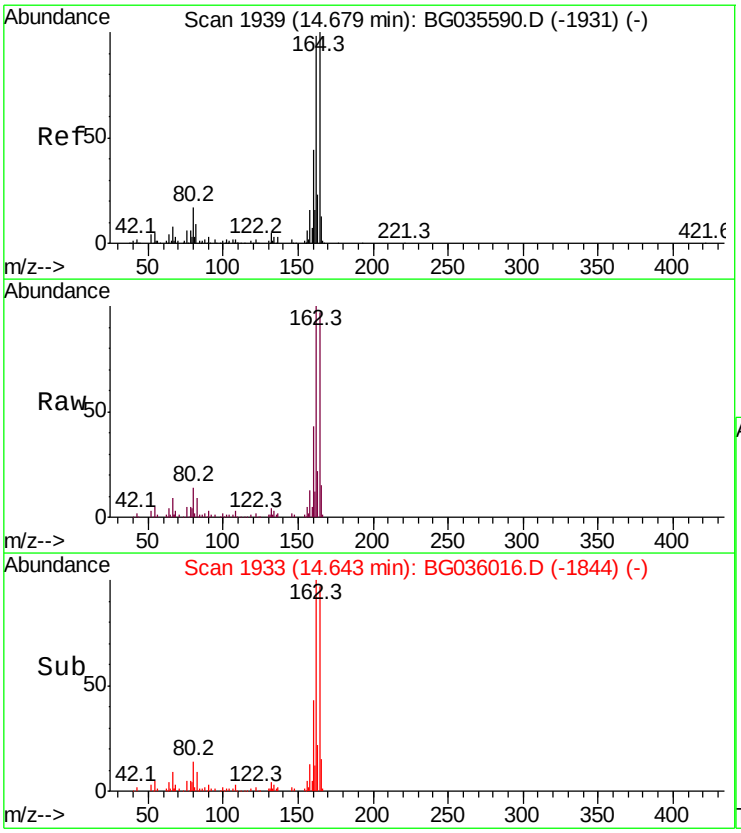
#23
Nitrobenzene-d5
Concen: 102.108 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-03-072718

Tgt Ion: 82 Resp: 362652

Ion	Ratio	Lower	Upper
82	100		
128	32.5	29.7	44.5
54	43.4	43.1	64.7

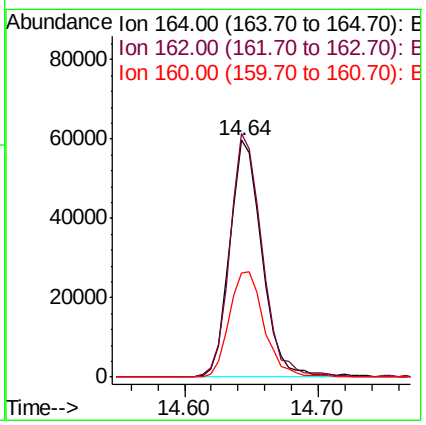


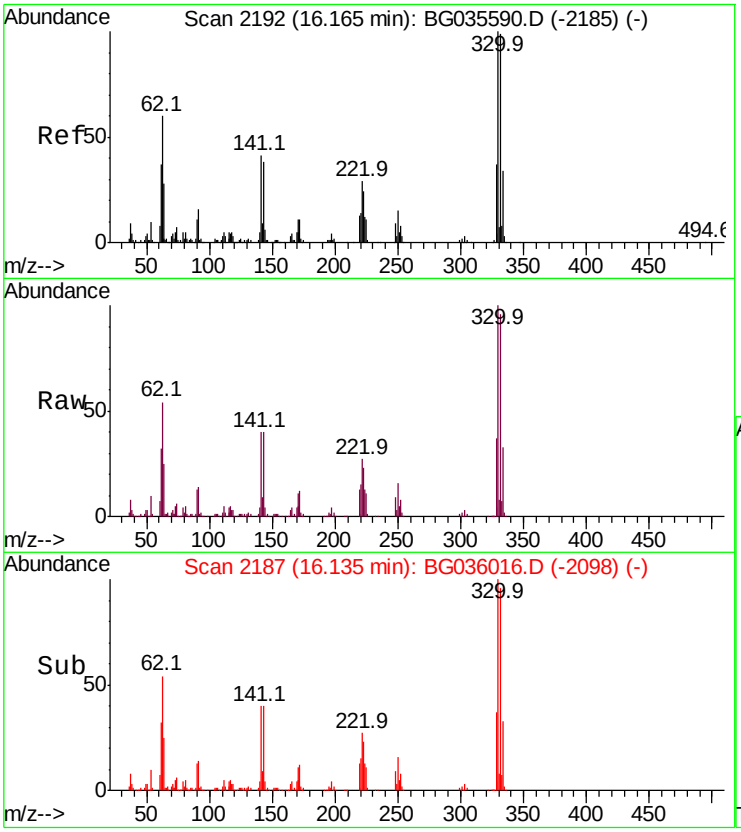


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Tgt Ion:164 Resp: 100362

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	44.2	35.4	53.0



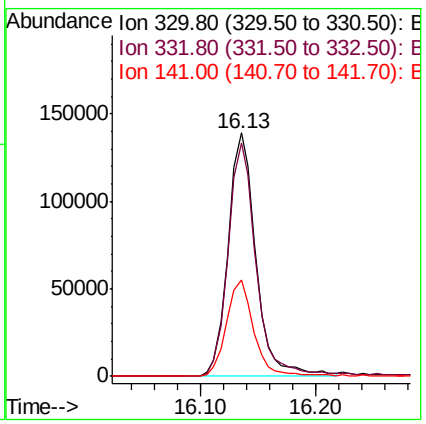


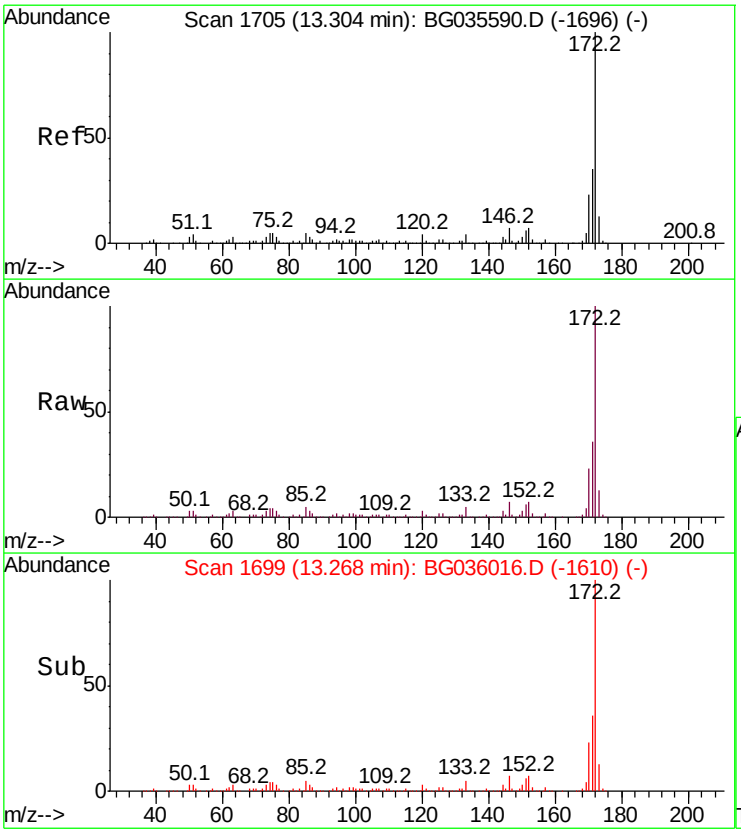
#41
2,4,6-Tribromophenol
Concen: 175.180 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-03-072718

Tgt Ion:330 Resp: 231735

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	38.7	25.2	37.8#

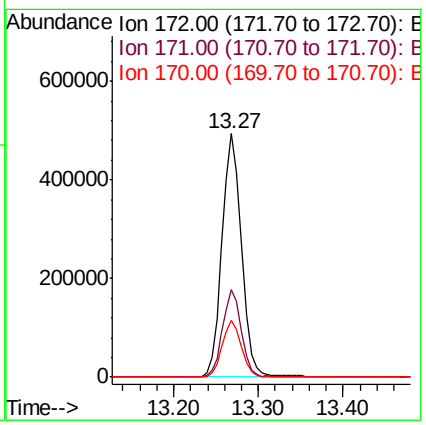


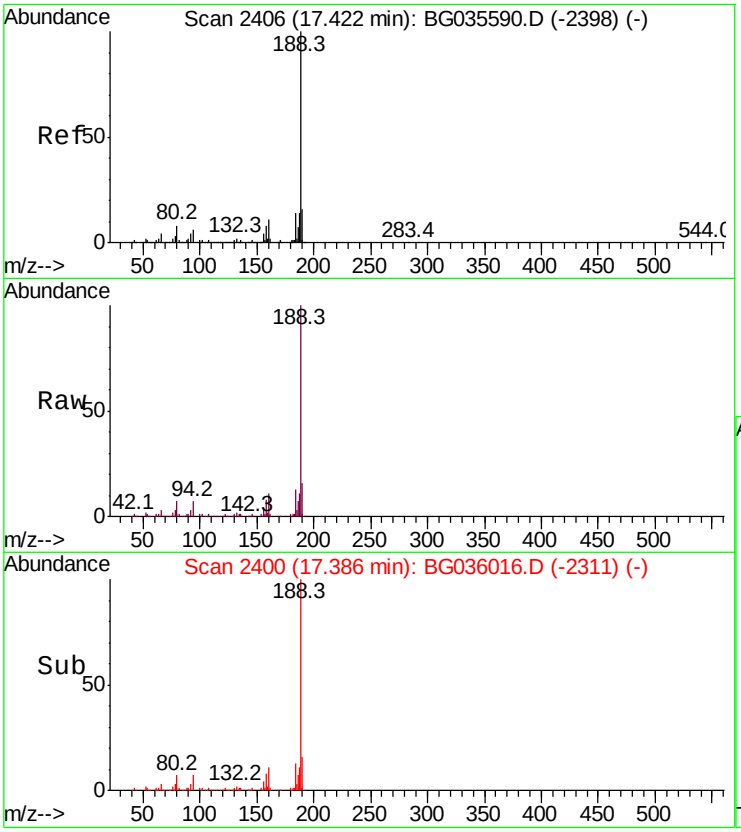


#44
2-Fluorobiphenyl
Concen: 105.281 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Tgt Ion:172 Resp: 788672

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	23.1	19.5	29.3



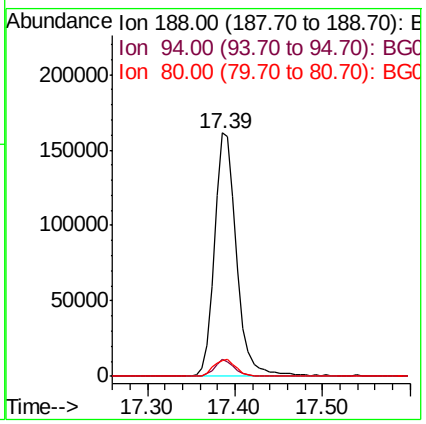


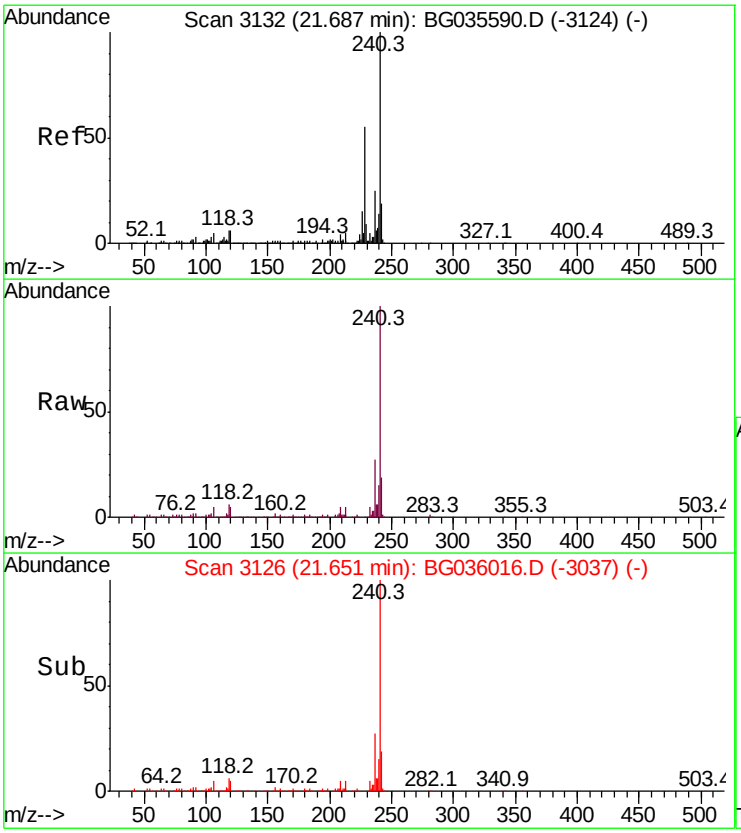
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-03-072718

Tgt Ion:188 Resp: 282251

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	6.6	7.7	11.5#

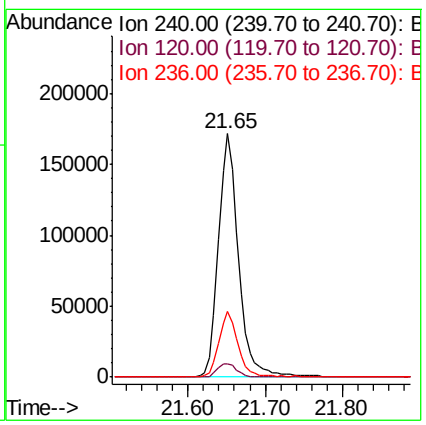


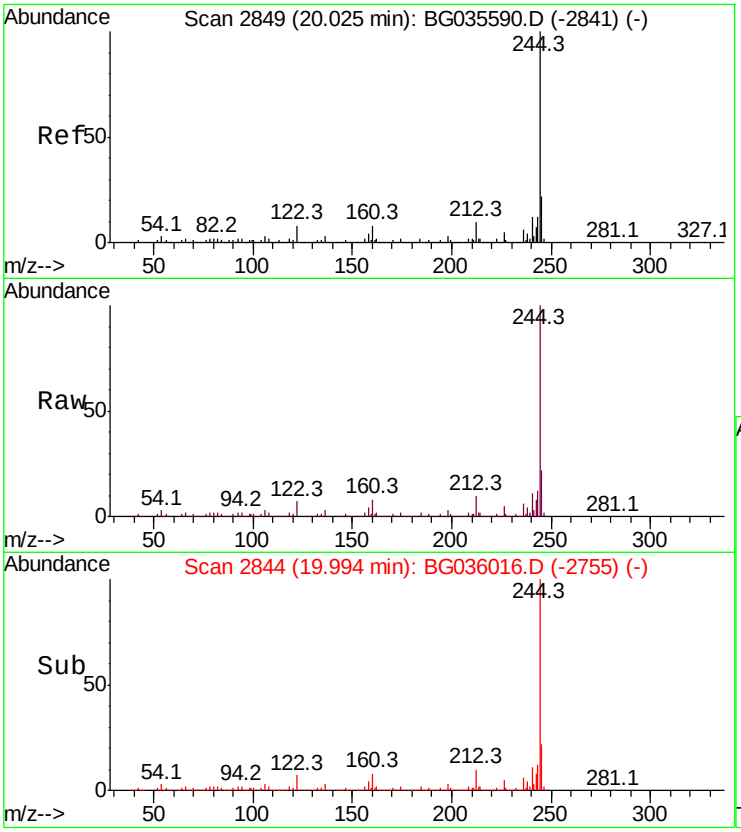


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Tgt Ion:240 Resp: 309955

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	27.0	20.9	31.3



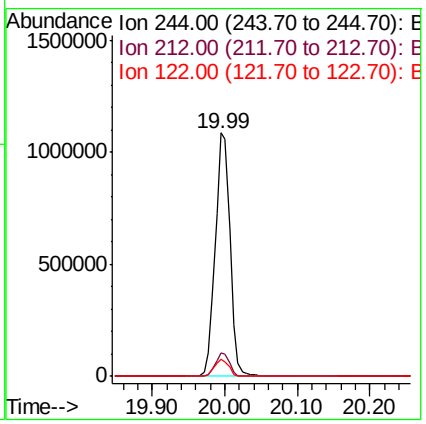


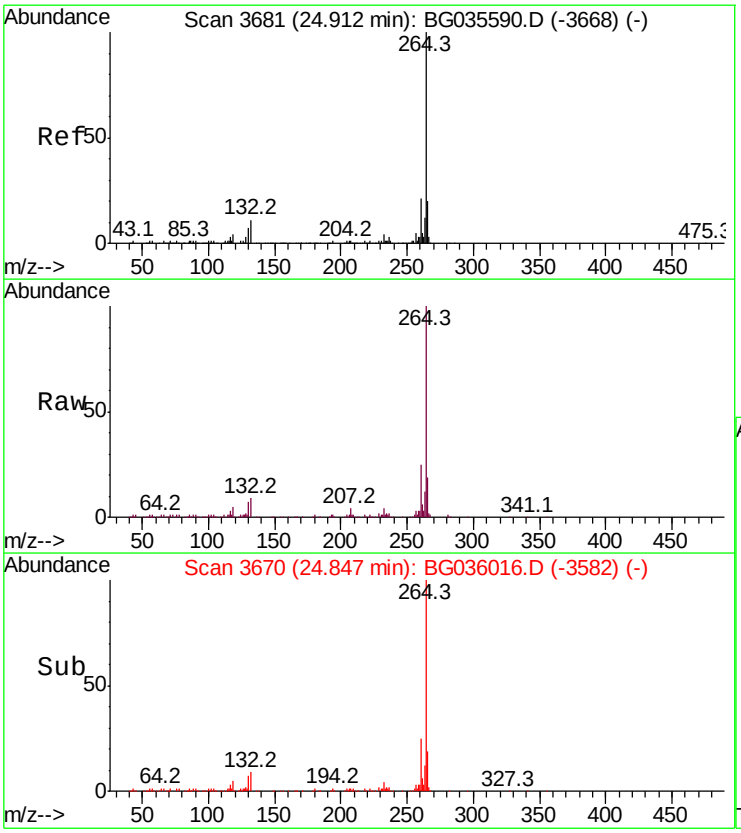
#78
Terphenyl-d14
Concen: 109.628 ng
RT: 19.99 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-03-072718

Tgt Ion:244 Resp: 1541514

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG036016.D
Acq: 1 Aug 2018 00:38

Tgt Ion:264 Resp: 283299

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	19.5	17.7	26.5