Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036536.D
Acq On : 4 Sep 2018 17:48
Operator : JU/SJ
Sample : J4756-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WE-4

Quant Time: Sep 05 04:23:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	65059	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	269233	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	175232	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	444479	20.00	ng	0.00
75) Chrysene-d12	21.69	240	469287	20.00	ng	0.00
86) Perylene-d12	24.90	264	460685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	398019	97.05	ng	0.00
7) Phenol-d6	7.22	99	488449	83.18	ng	0.00
23) Nitrobenzene-d5	9.22	82	393844	79.37	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	239690	114.63	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	902087	73.50	ng	0.00
78) Terphenyl-d14	20.03	244	1558001	77.60	ng	0.00
Target Compounds						Qvalue

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

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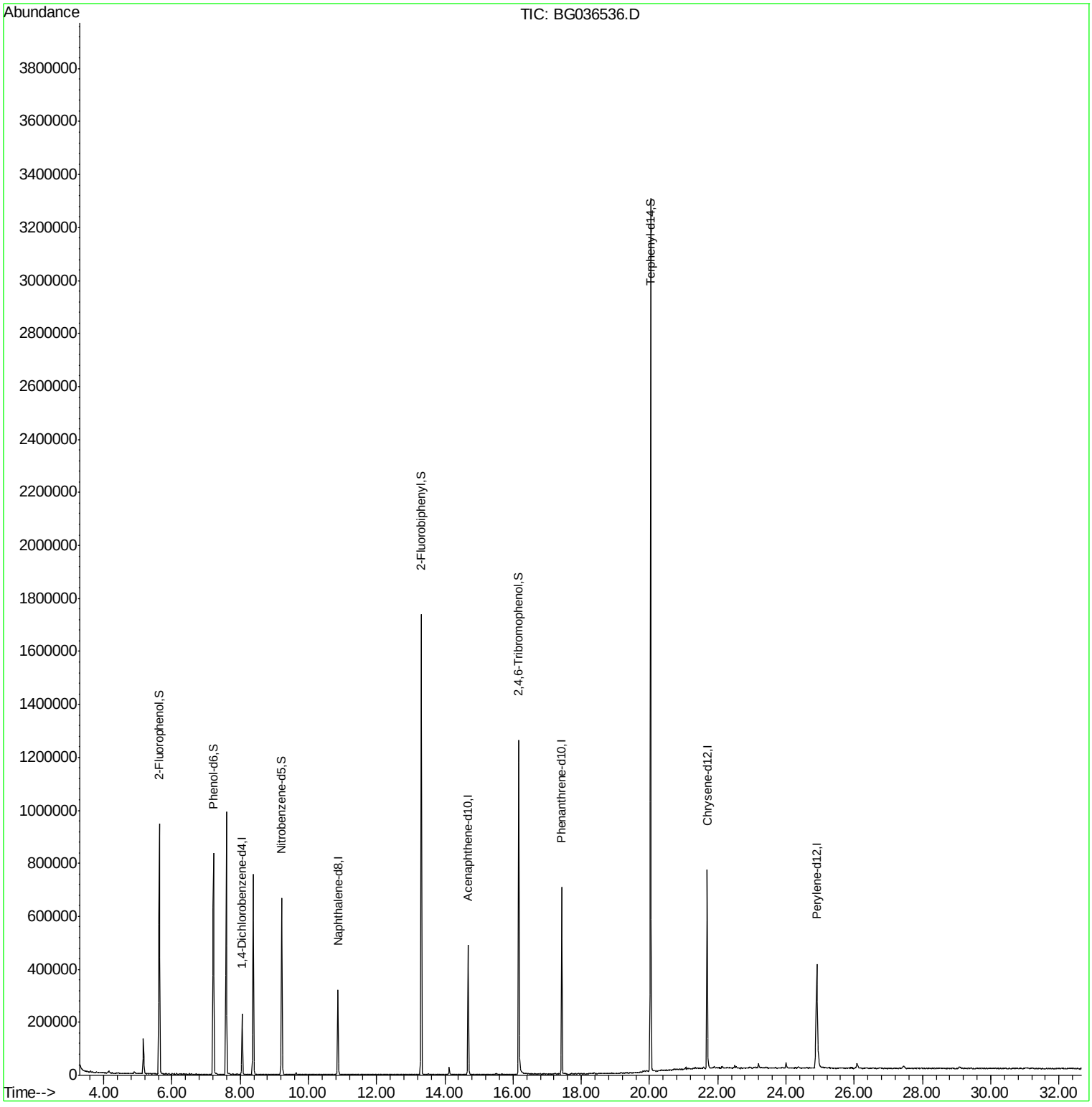
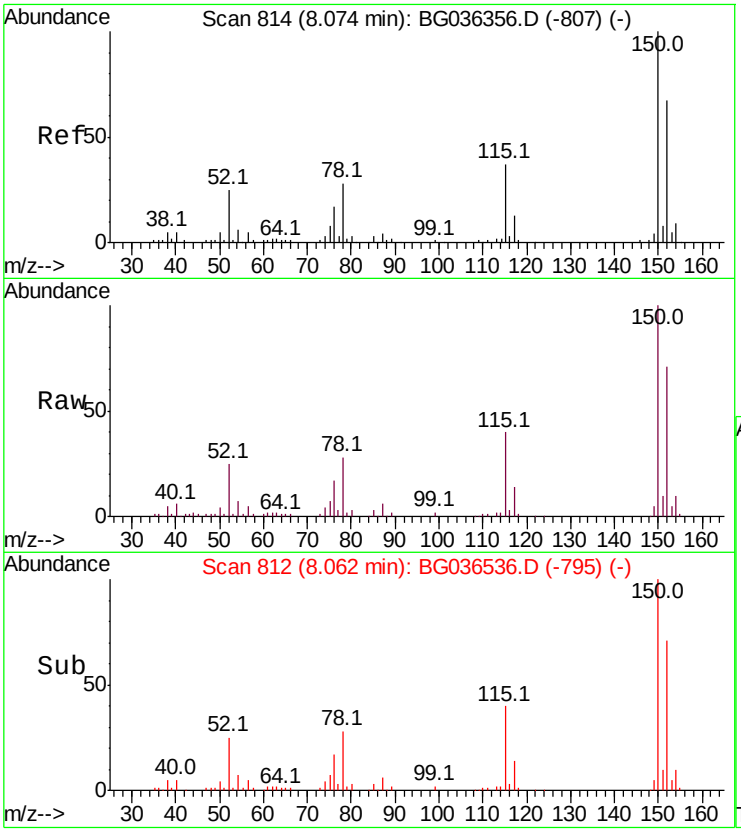


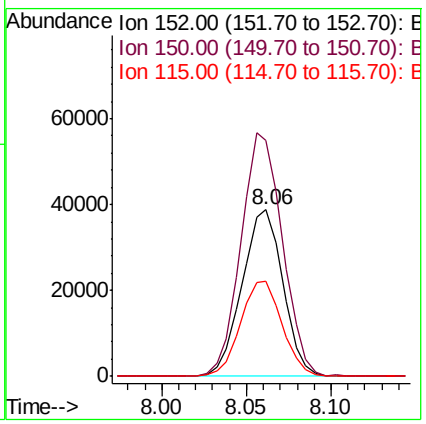


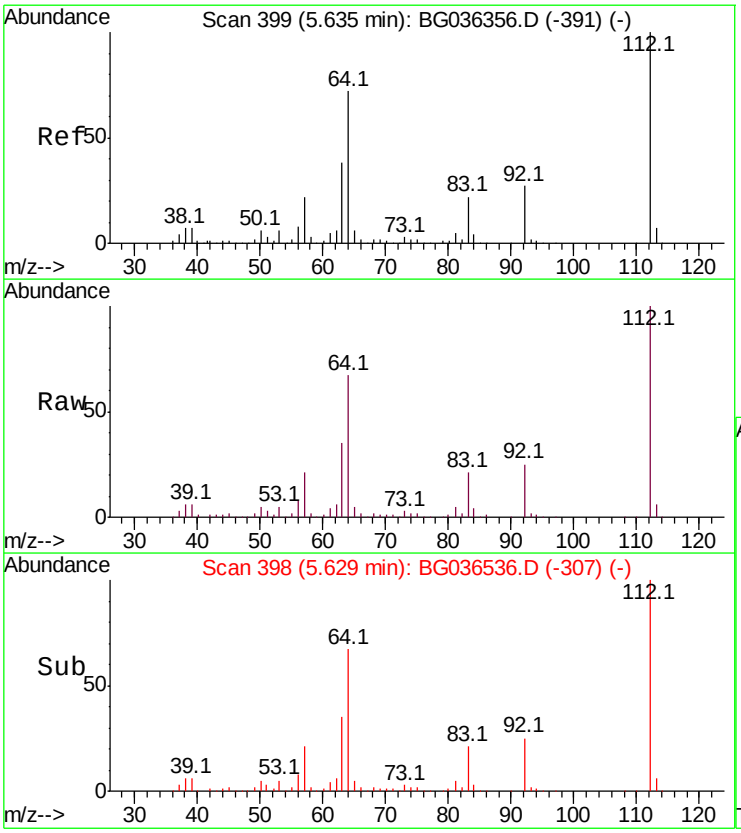
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Instrument :
BNA_G
ClientSampleId :
WE-4

Tgt Ion:152 Resp: 65059

Ion	Ratio	Lower	Upper
152	100		
150	141.7	119.5	179.3
115	57.4	44.5	66.7

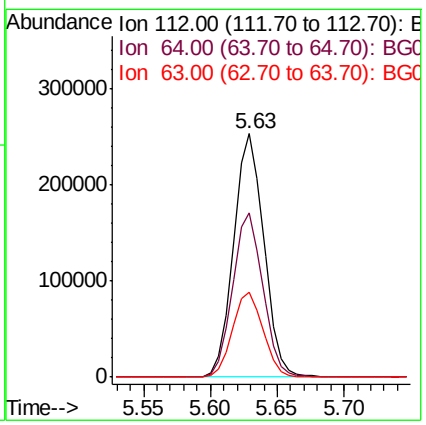


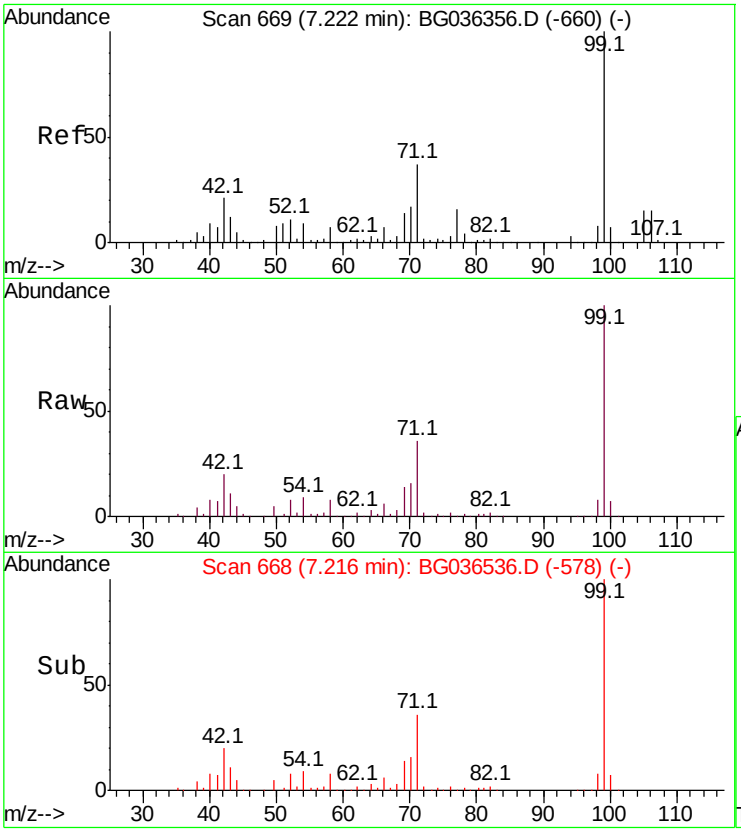


#5
2-Fluorophenol
Concen: 97.047 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Tgt Ion:112 Resp: 398019

Ion	Ratio	Lower	Upper
112	100		
64	67.4	57.2	85.8
63	34.8	30.8	46.2



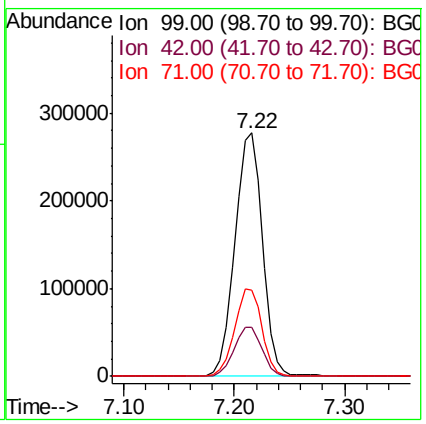


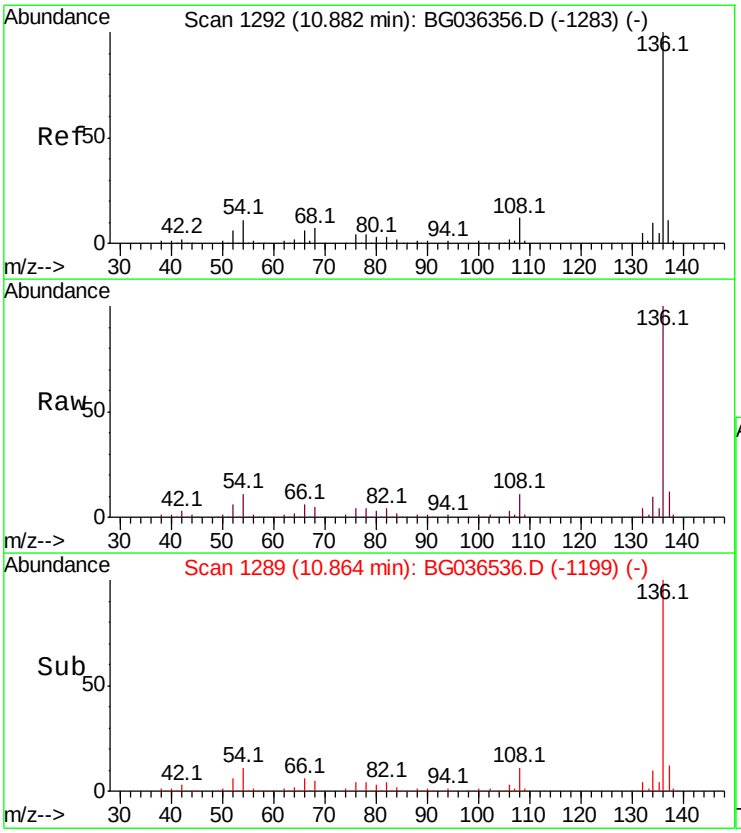
#7
Phenol-d6
Concen: 83.182 ng
RT: 7.22 min Scan# 668
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Instrument :
BNA_G
ClientSampleId :
WE-4

Tgt Ion: 99 Resp: 488449

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.5	24.7
71	35.6	29.4	44.2

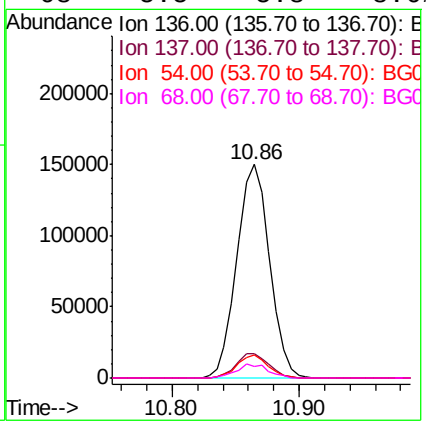


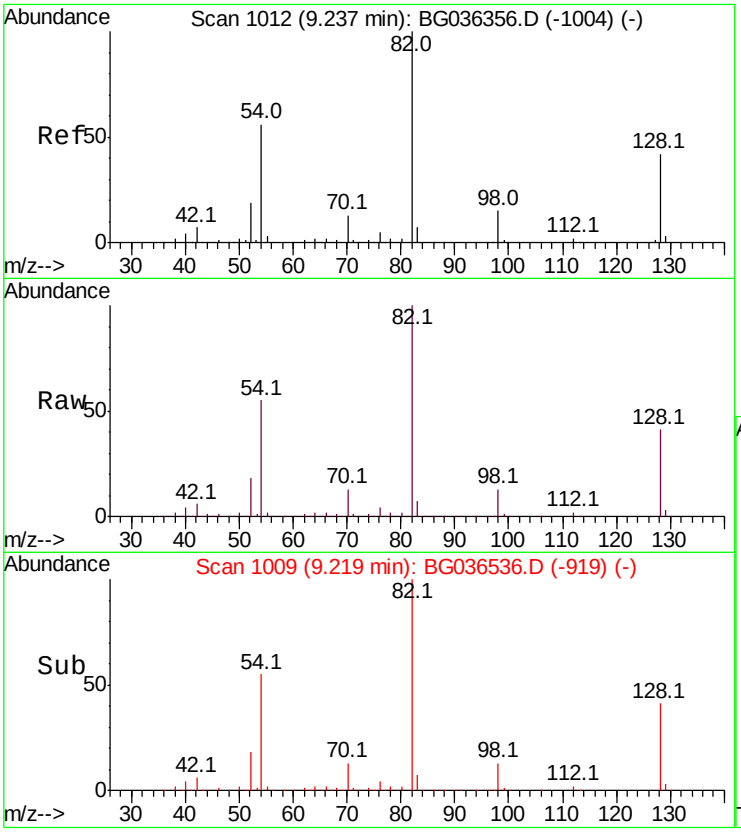


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Tgt Ion:136 Resp: 269233

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.7	9.2	13.8
68	5.5	5.8	8.6#



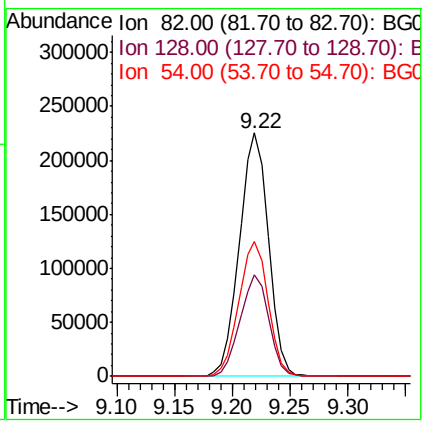


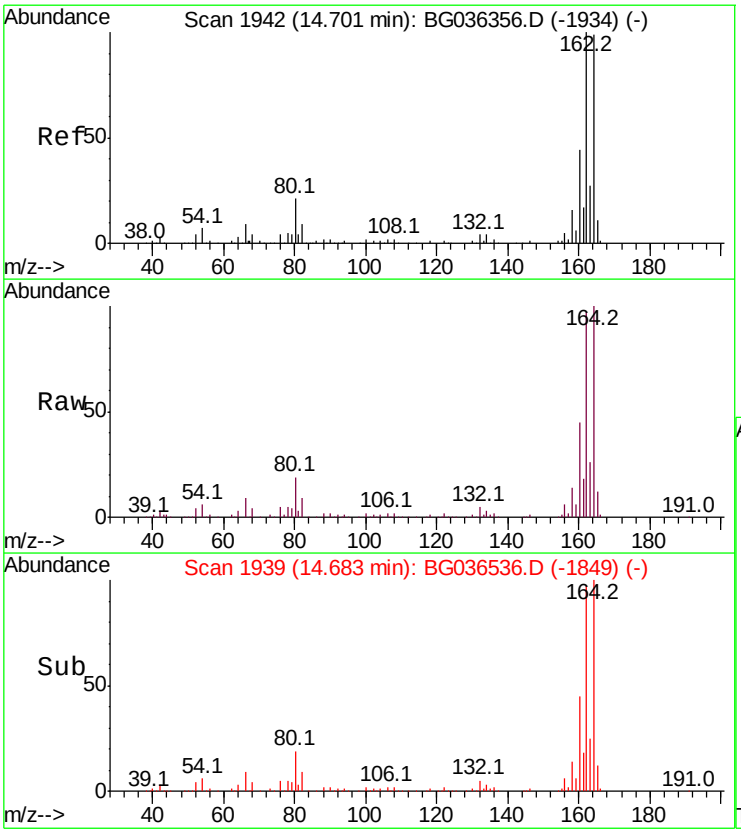
#23
Nitrobenzene-d5
Concen: 79.369 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Instrument :
BNA_G
ClientSampleId :
WE-4

Tgt Ion: 82 Resp: 393844

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	55.4	45.1	67.7

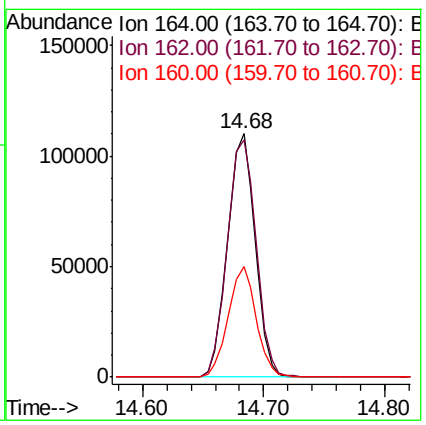


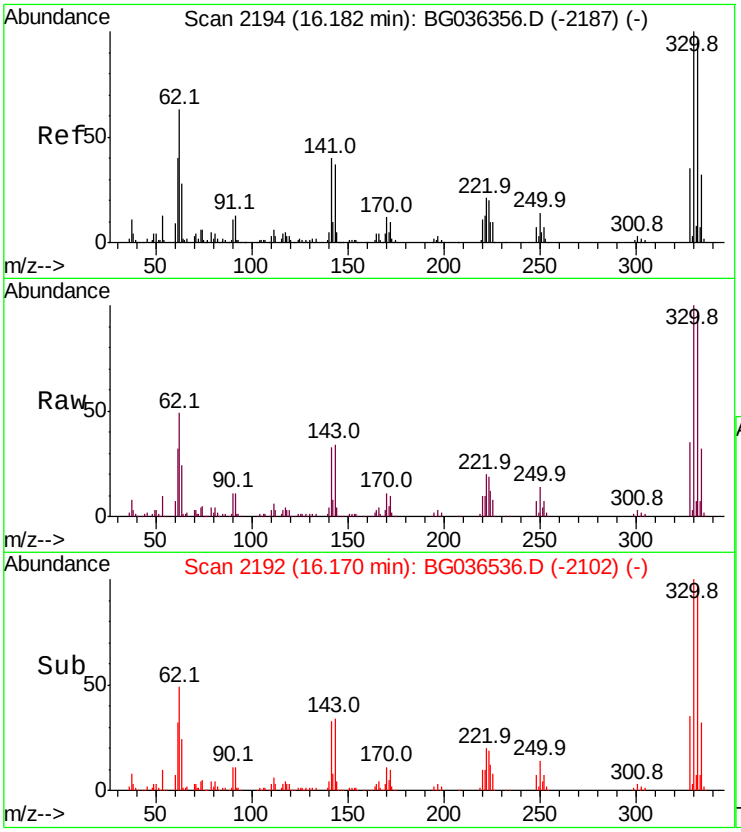


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Tgt Ion:164 Resp: 175232

Ion	Ratio	Lower	Upper
164	100		
162	97.2	80.7	121.1
160	45.2	35.3	52.9



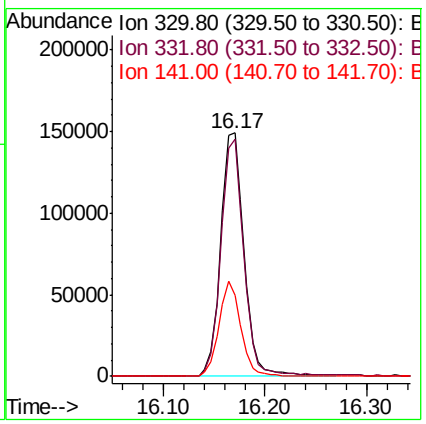


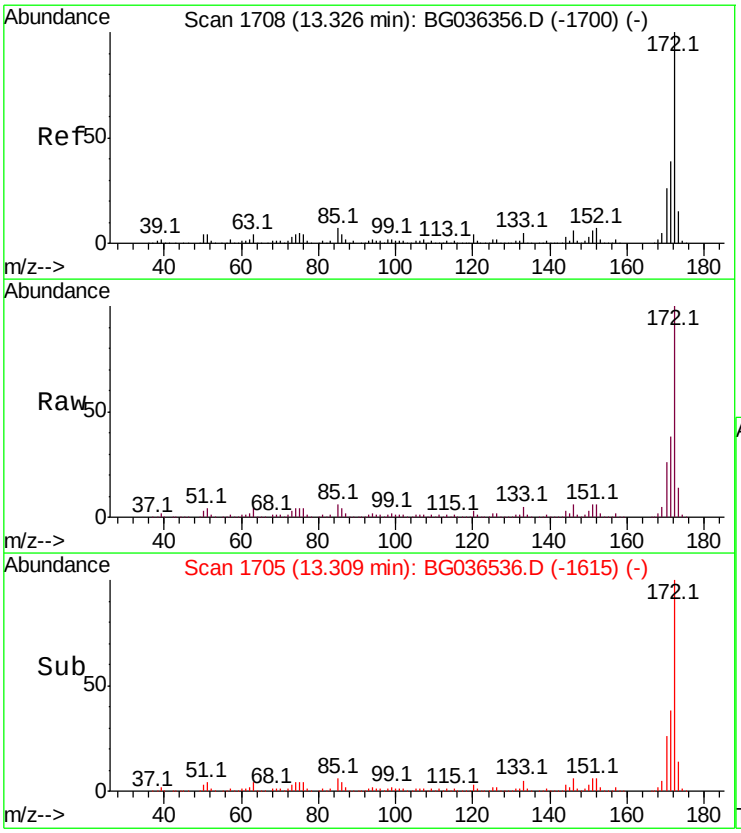
#41
2,4,6-Tribromophenol
Concen: 114.634 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Instrument :
BNA_G
ClientSampleId :
WE-4

Tgt Ion:330 Resp: 239690

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	36.1	30.7	46.1

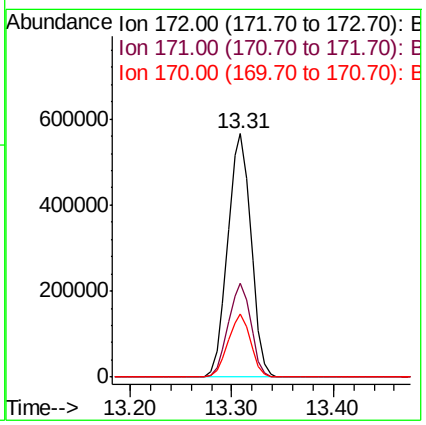


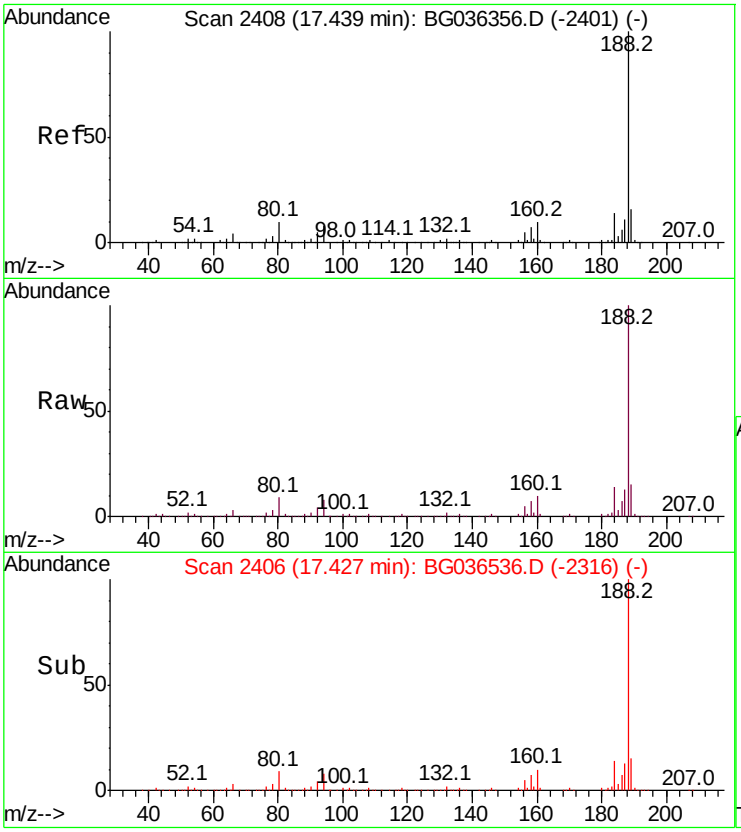


#44
2-Fluorobiphenyl
Concen: 73.504 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Tgt Ion:172 Resp: 902087

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	26.1	21.0	31.6



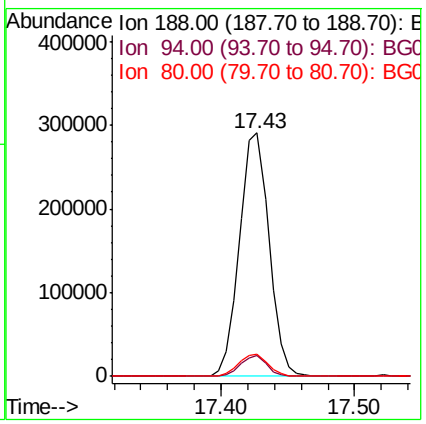


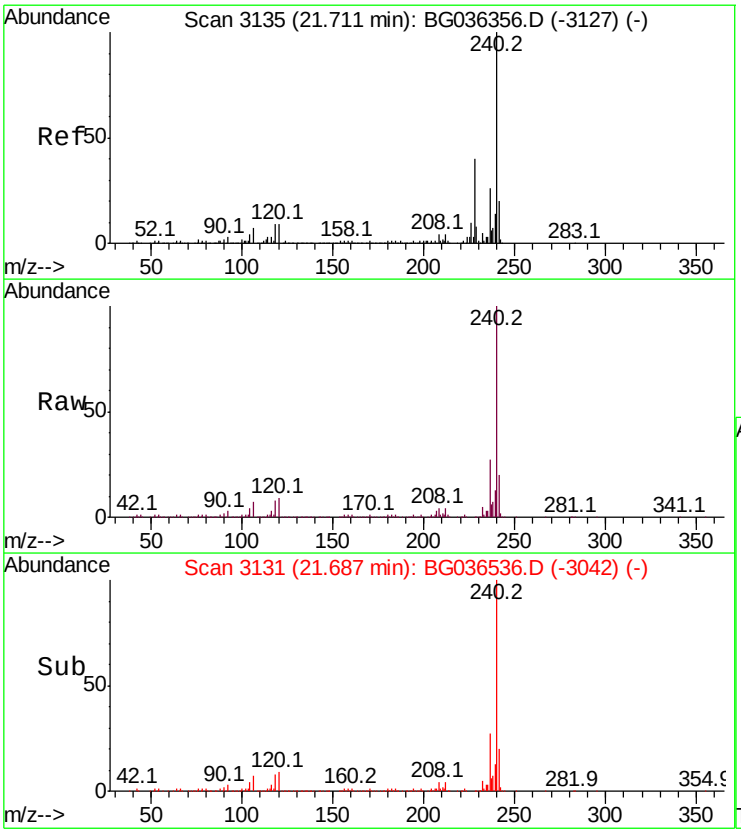
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Instrument :
BNA_G
ClientSampleId :
WE-4

Tgt Ion:188 Resp: 444479

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.2	8.1	12.1

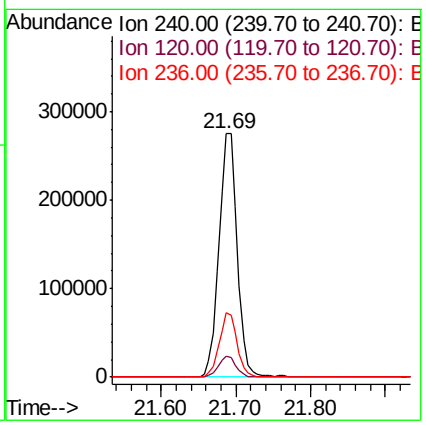


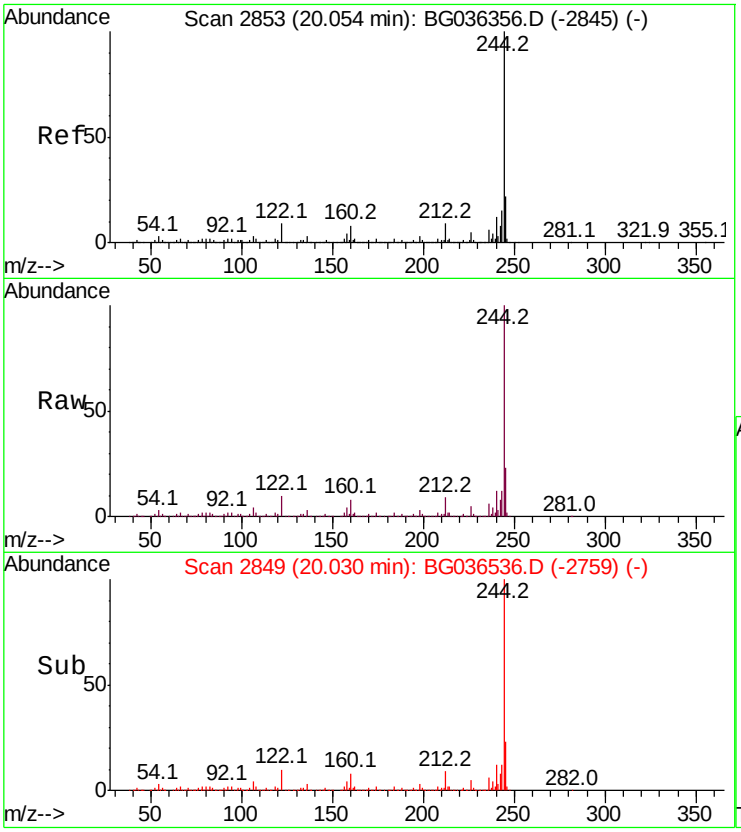


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Tgt Ion:240 Resp: 469287

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	26.7	21.2	31.8



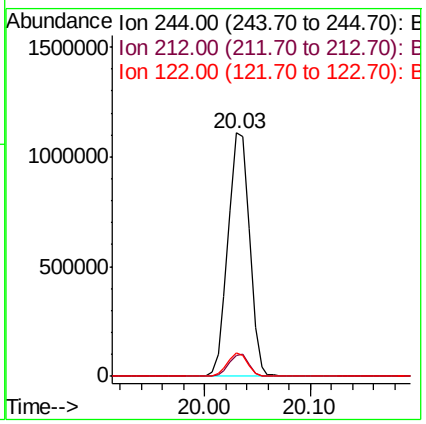


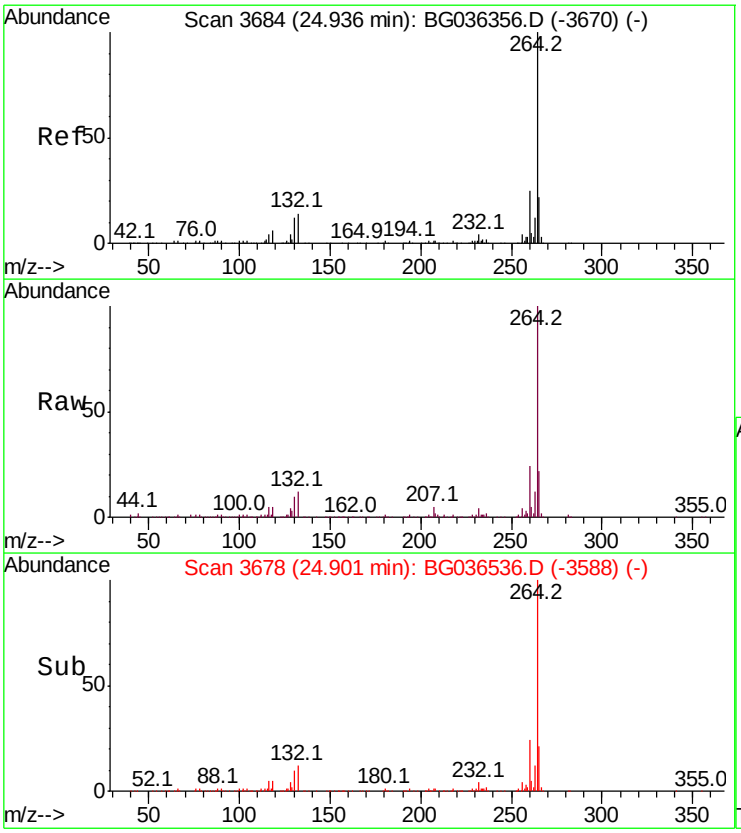
#78
Terphenyl-d14
Concen: 77.598 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Instrument :
BNA_G
ClientSampleId :
WE-4

Tgt Ion:244 Resp: 1558001

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.7	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Tgt Ion:264 Resp: 460685

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.5	17.4	26.0