Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036282.D
Acq On : 11 Aug 2018 00:38
Operator : JU/SJ
Sample : J4282-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-02-080918-B

Quant Time: Aug 11 04:59:06 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	8.00	152	26186	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	86787	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	64699	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	178816	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	192019	20.00	ng	-0.01
86) Perylene-d12	24.84	264	171168	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	232087	147.15	ng	0.00
7) Phenol-d6	7.18	99	296920	126.18	ng	-0.01
23) Nitrobenzene-d5	9.17	82	251949	121.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	152696	179.06	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	569065	117.84	ng	-0.02
78) Terphenyl-d14	19.98	244	1134352	130.22	ng	-0.02
Target Compounds						Qvalue

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

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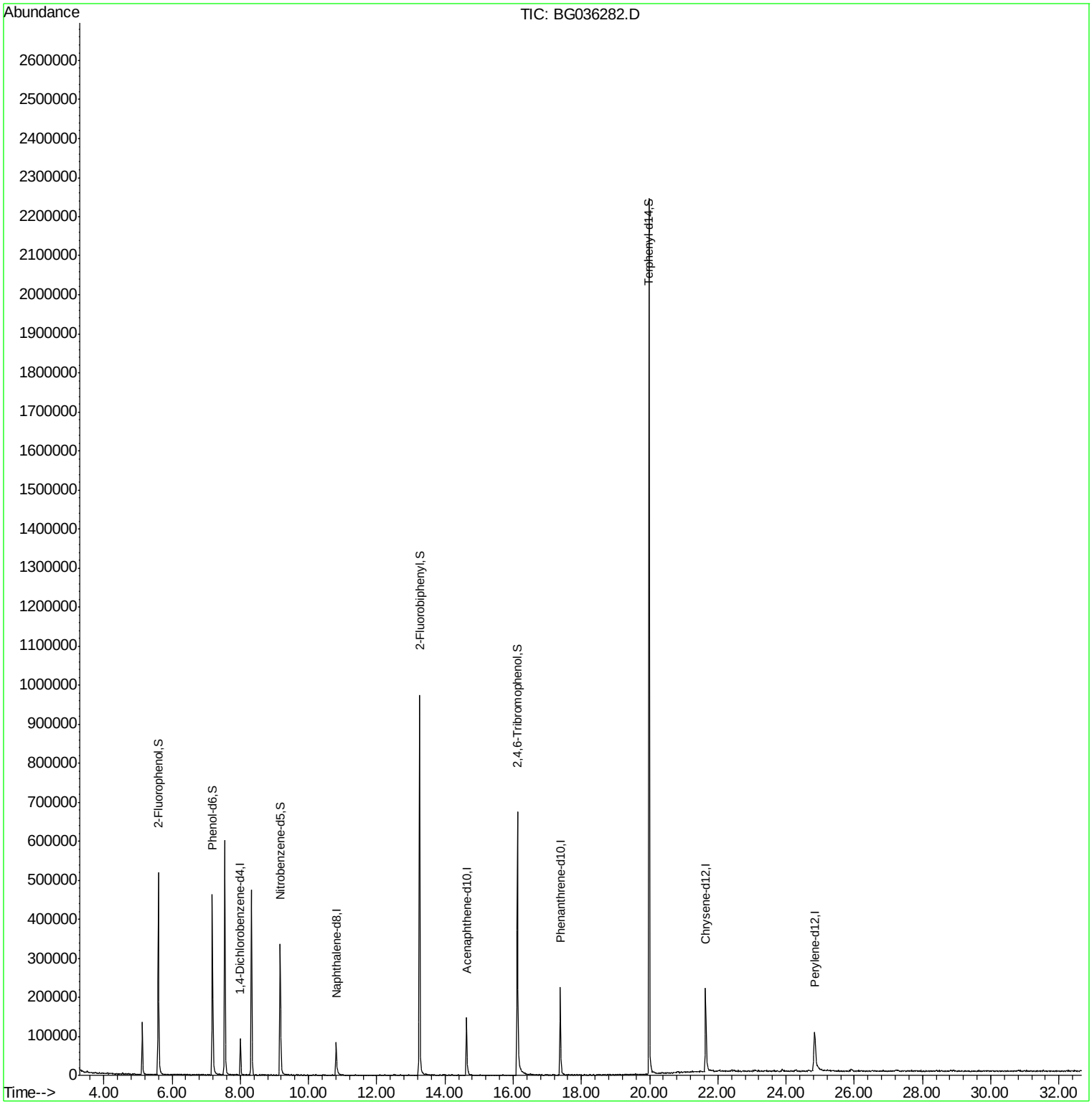
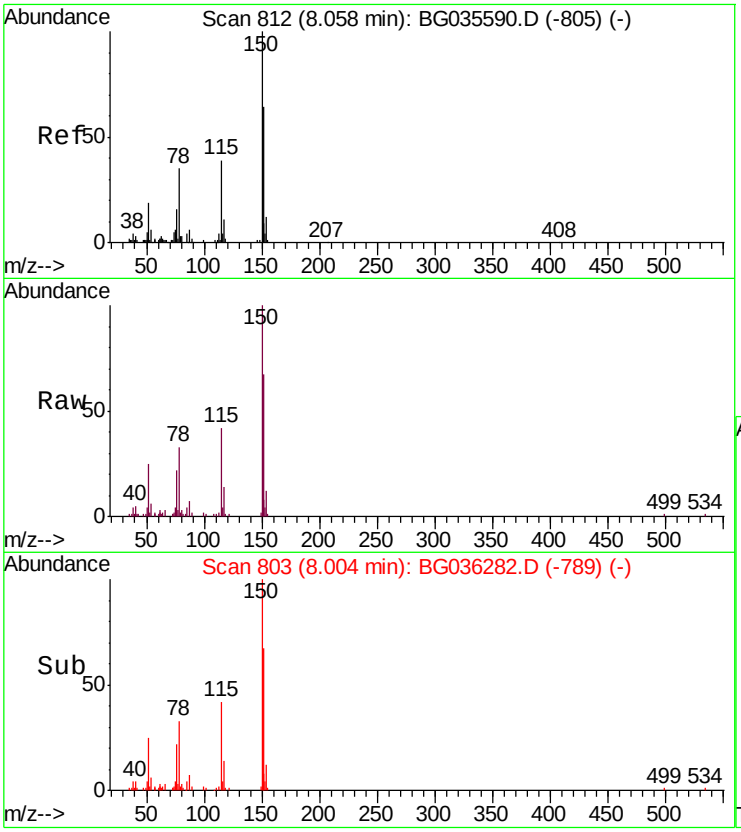


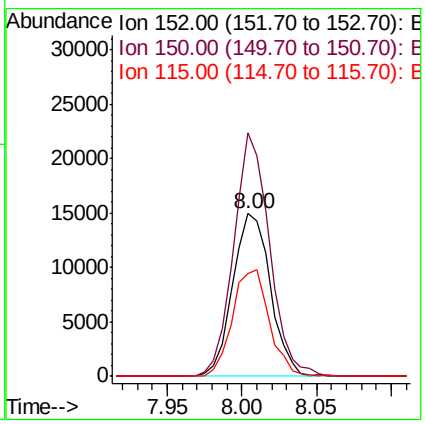


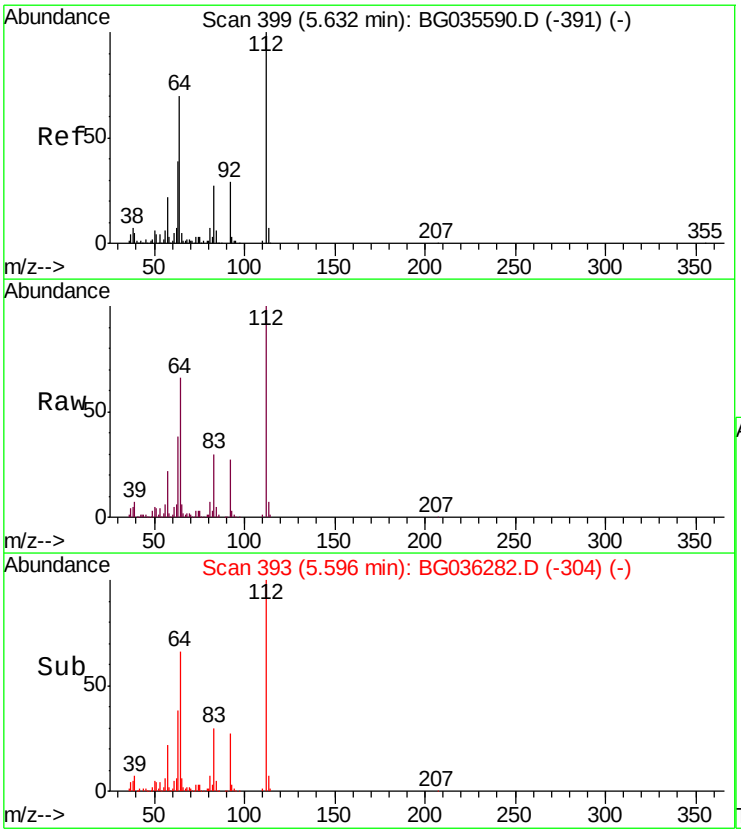
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-02-080918-B

Tgt Ion:152 Resp: 26186

Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.6	189.8
115	63.1	53.0	79.4

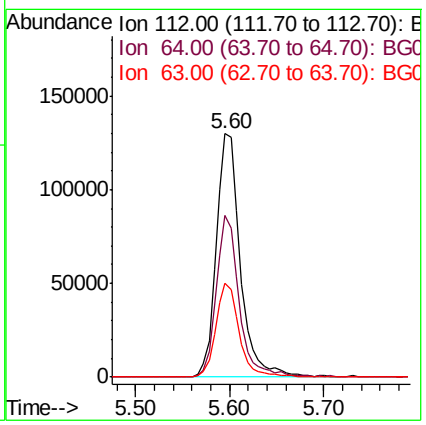


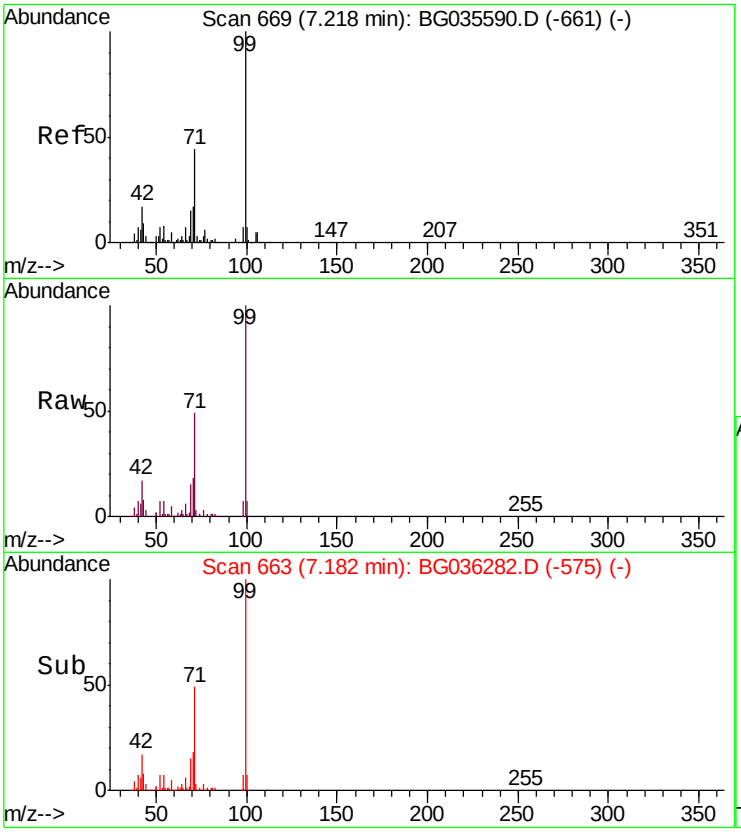


#5
2-Fluorophenol
Concen: 147.147 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Tgt Ion:112 Resp: 232087

Ion	Ratio	Lower	Upper
112	100		
64	66.3	56.3	84.5
63	38.3	30.1	45.1



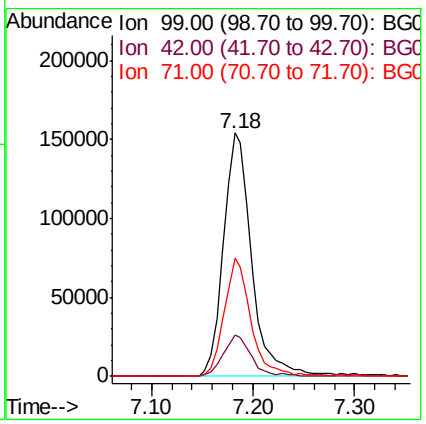


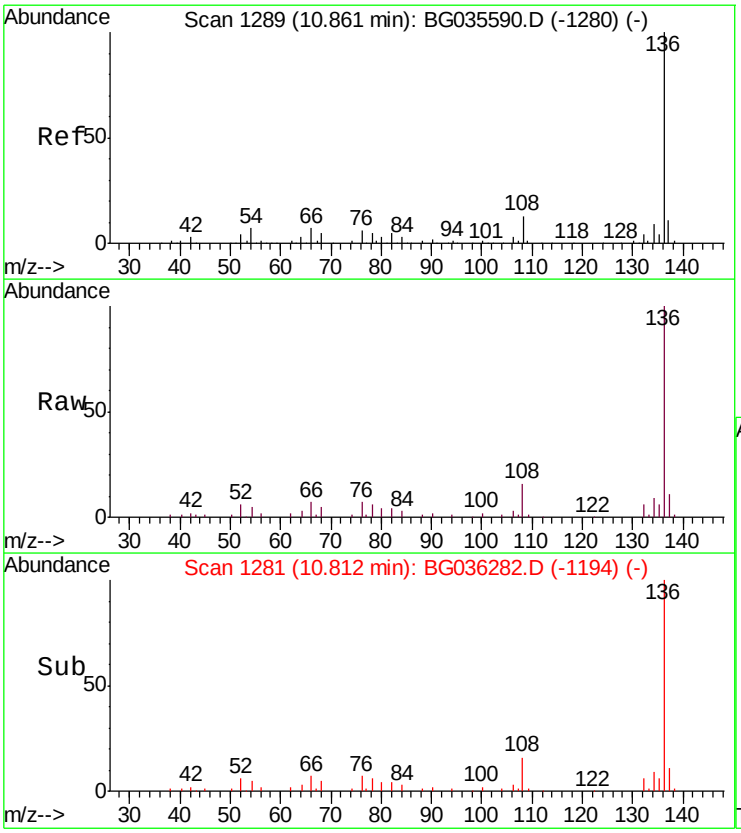
#7
Phenol-d6
Concen: 126.175 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-02-080918-B

Tgt Ion: 99 Resp: 296920

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	48.8	26.1	39.1#

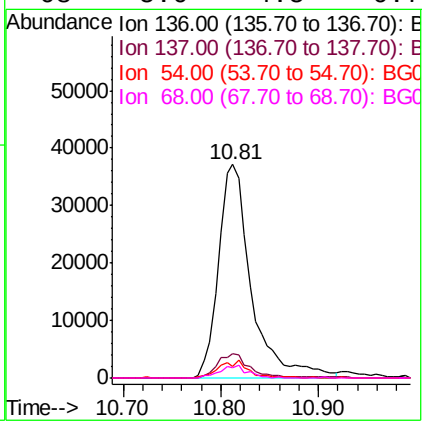


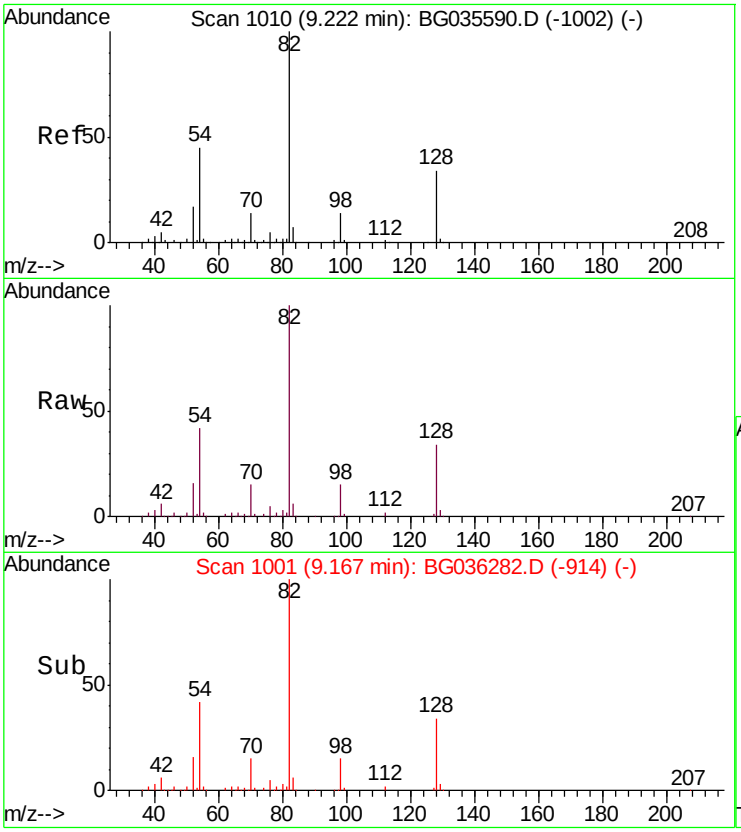


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Tgt Ion:136 Resp: 86787

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.4	10.3	15.5#
68	5.0	4.5	6.7



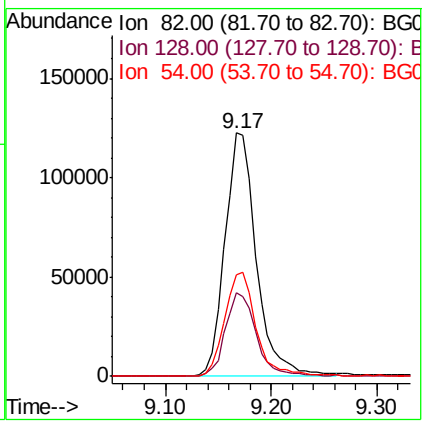


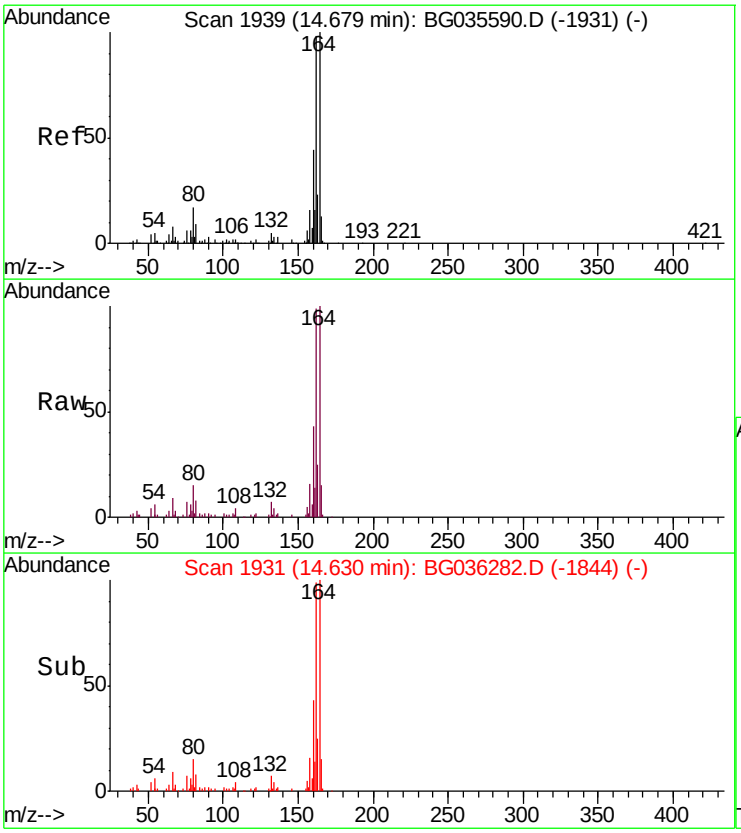
#23
Nitrobenzene-d5
Concen: 121.275 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-02-080918-B

Tgt Ion: 82 Resp: 251949

Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	41.5	43.1	64.7#

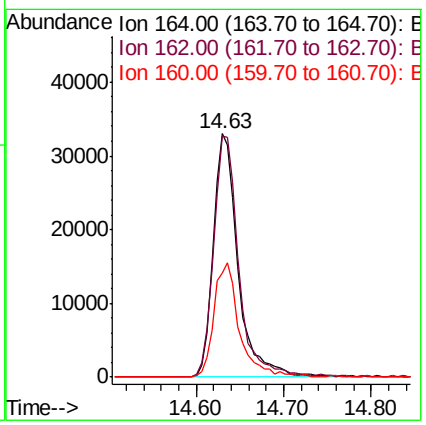


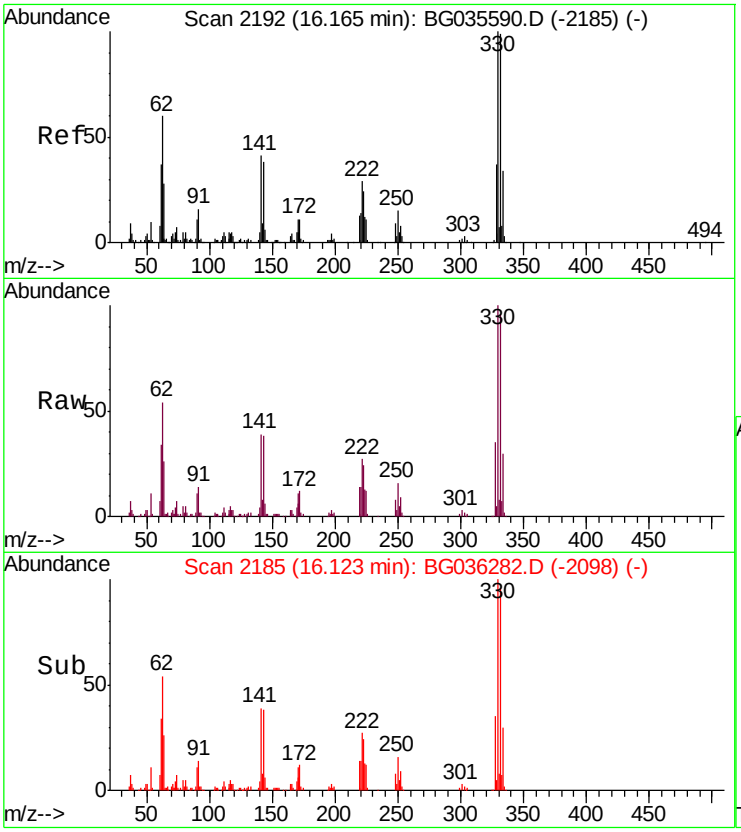


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Tgt Ion:164 Resp: 64699

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	42.7	35.4	53.0



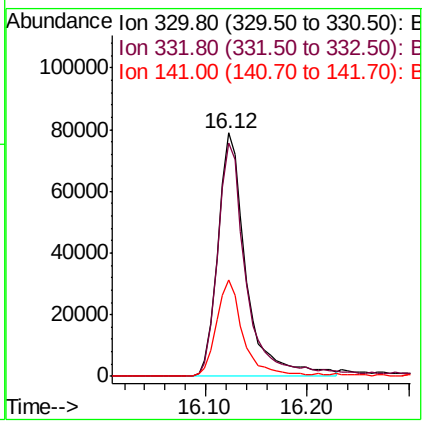


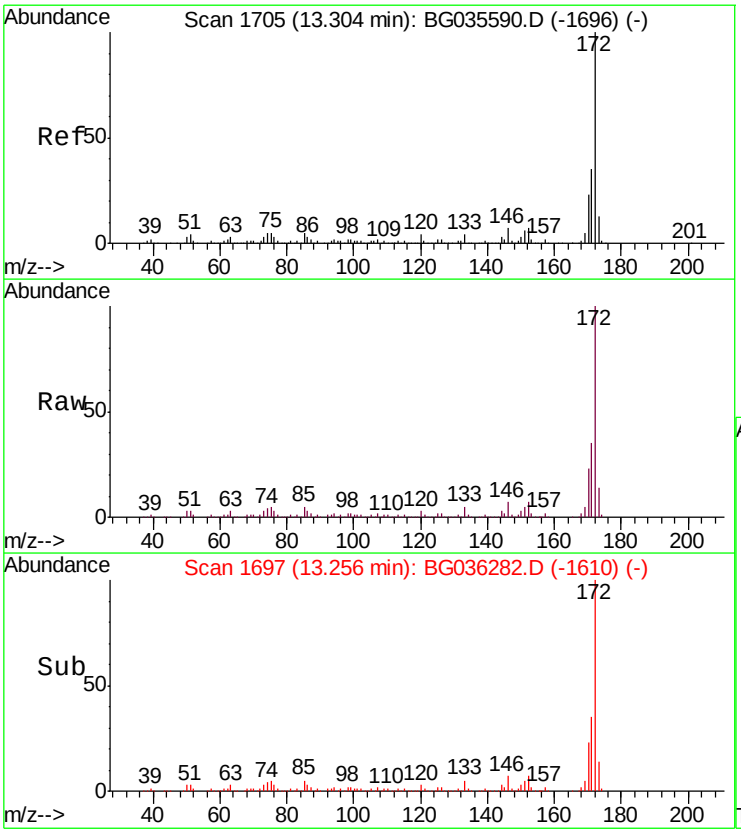
#41
2,4,6-Tribromophenol
Concen: 179.058 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-02-080918-B

Tgt Ion:330 Resp: 152696

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.7	25.2	37.8

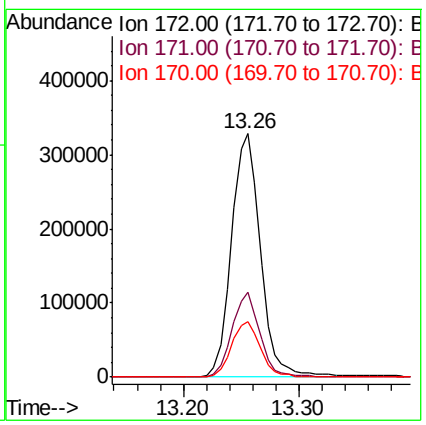


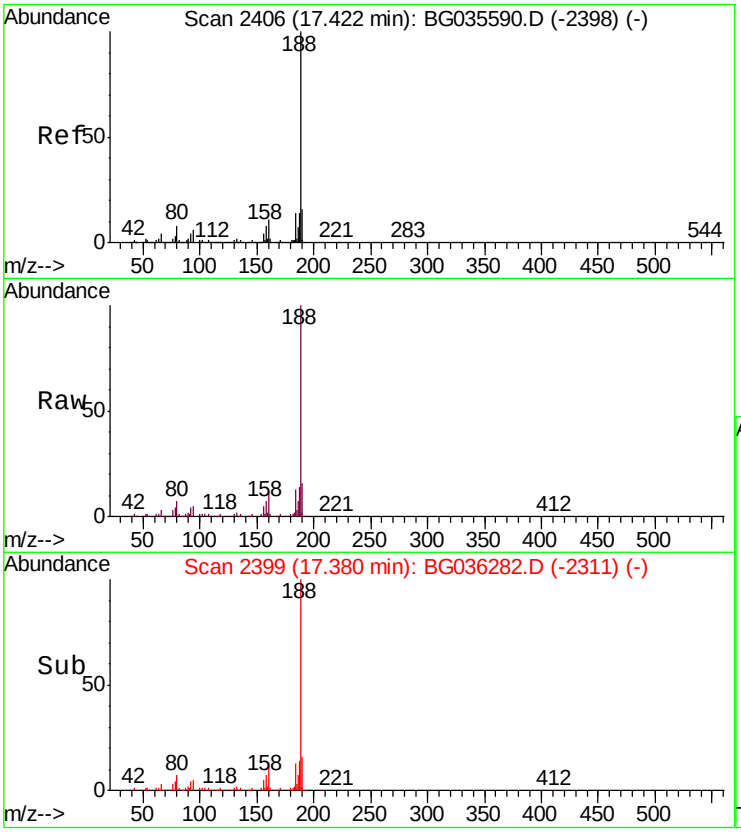


#44
2-Fluorobiphenyl
Concen: 117.838 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Tgt Ion:172 Resp: 569065

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.8	19.5	29.3



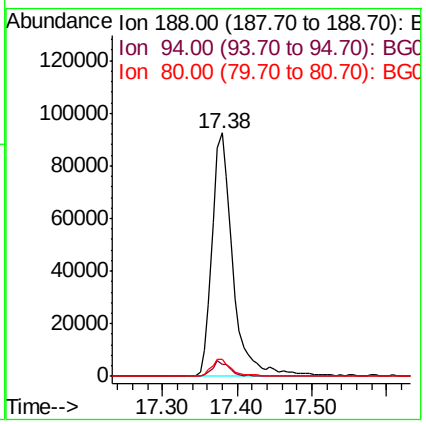


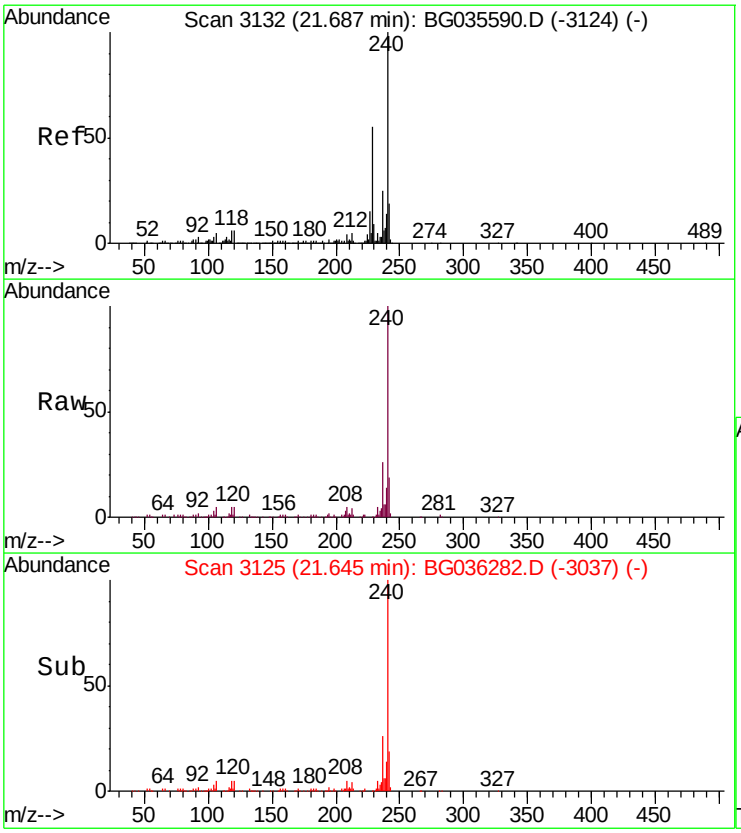
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-02-080918-B

Tgt Ion:188 Resp: 178816

Ion	Ratio	Lower	Upper
188	100		
94	4.8	6.9	10.3#
80	6.9	7.7	11.5#

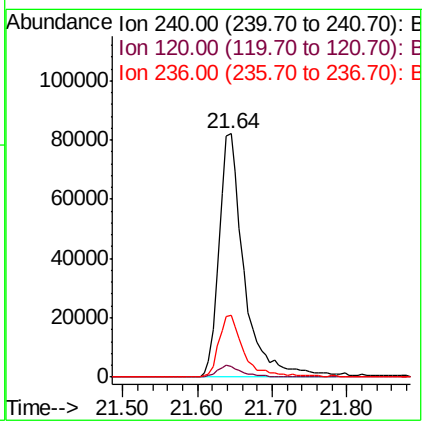


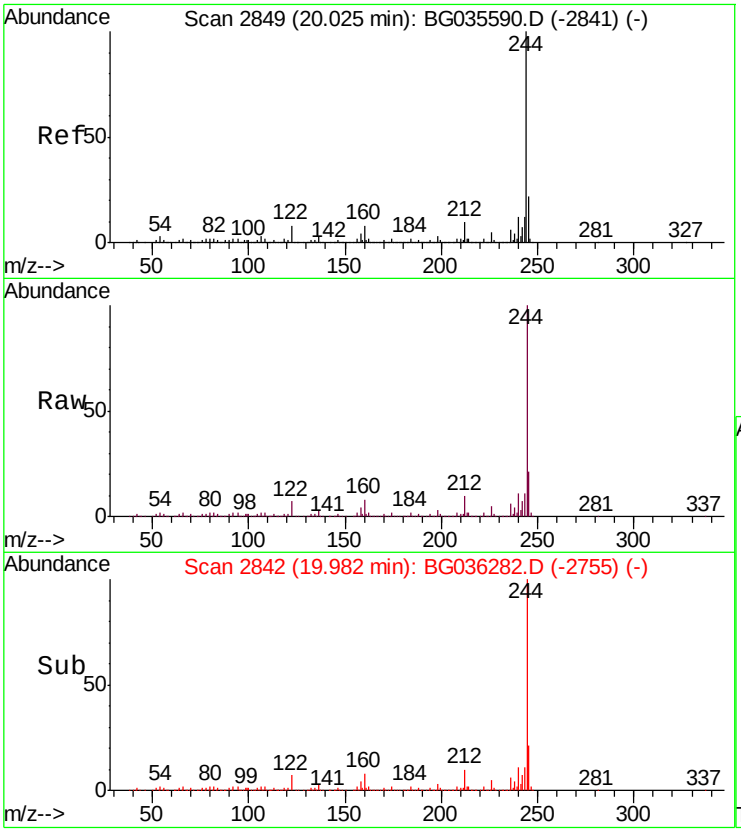


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Tgt Ion:240 Resp: 192019

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	25.6	20.9	31.3



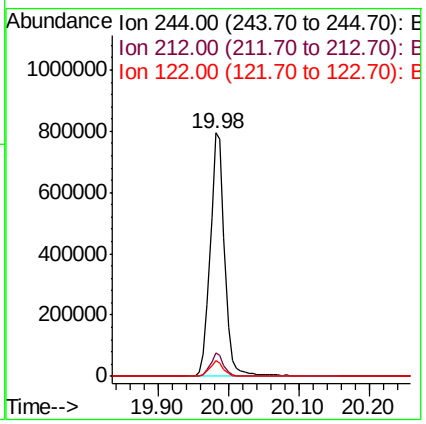


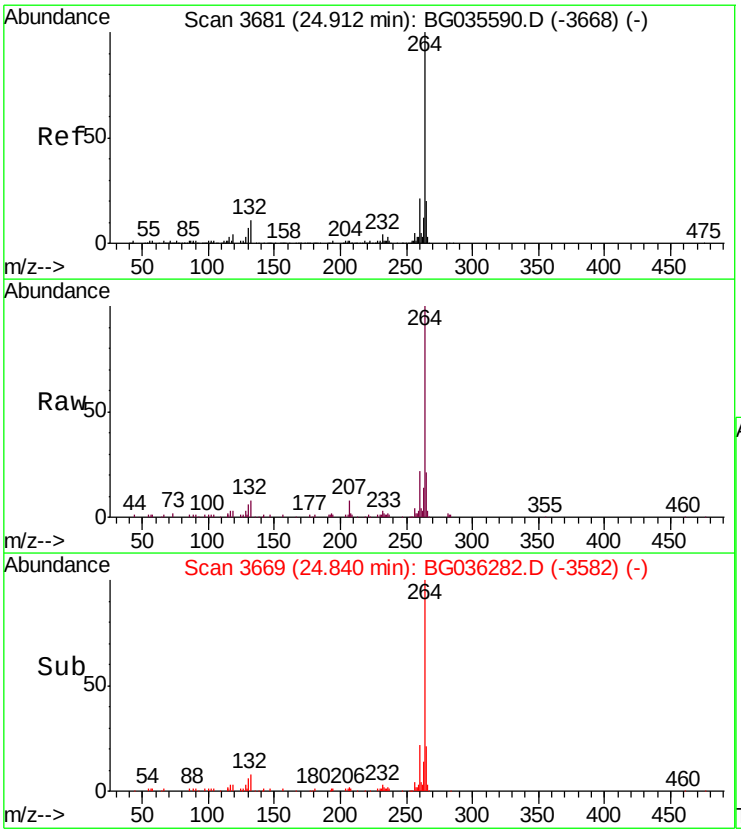
#78
Terphenyl-d14
Concen: 130.219 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Instrument :
BNA_G
ClientSampleId :
SU-02-080918-B

Tgt Ion:244 Resp: 1134352

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BG036282.D
Acq: 11 Aug 2018 00:38

Tgt Ion:264 Resp: 171168

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	20.9	17.7	26.5