Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
Data File : BG036075.D
Acq On : 3 Aug 2018 1:58
Operator : JU/SJ
Sample : J4278-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-03-080118-B

Quant Time: Aug 03 07:44:24 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	26293	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	103700	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	76497	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	217603	20.00	ng	0.00
75) Chrysene-d12	21.65	240	252376	20.00	ng	0.00
86) Perylene-d12	24.85	264	226438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	233328	147.33	ng	0.00
7) Phenol-d6	7.19	99	298010	126.12	ng	0.00
23) Nitrobenzene-d5	9.18	82	248177	99.98	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	157514	156.22	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	571157	100.03	ng	-0.01
78) Terphenyl-d14	20.00	244	1233466	107.73	ng	0.00
Target Compounds						Qvalue

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

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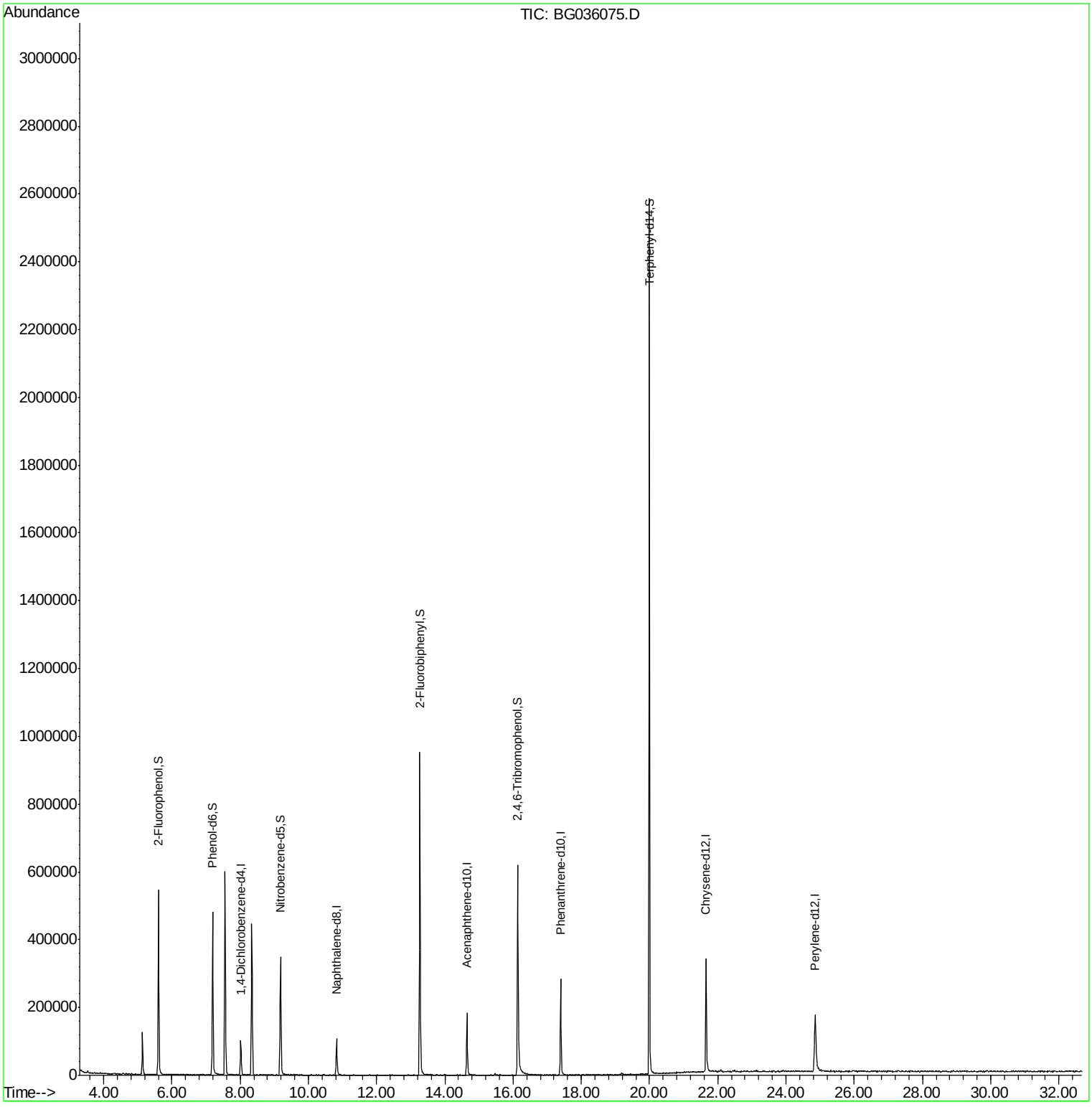
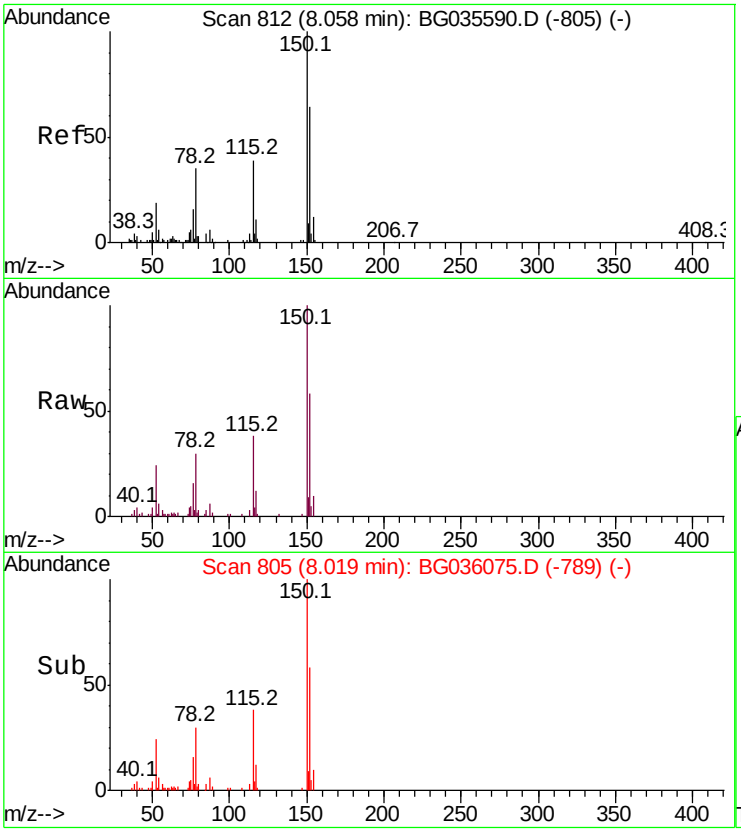


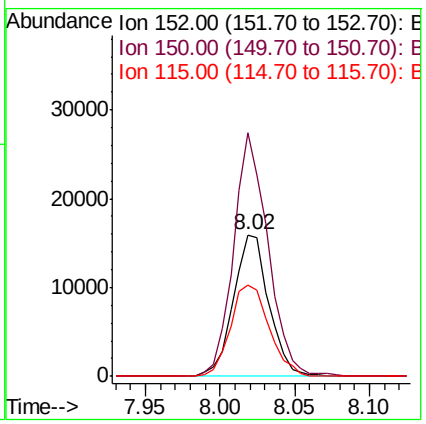


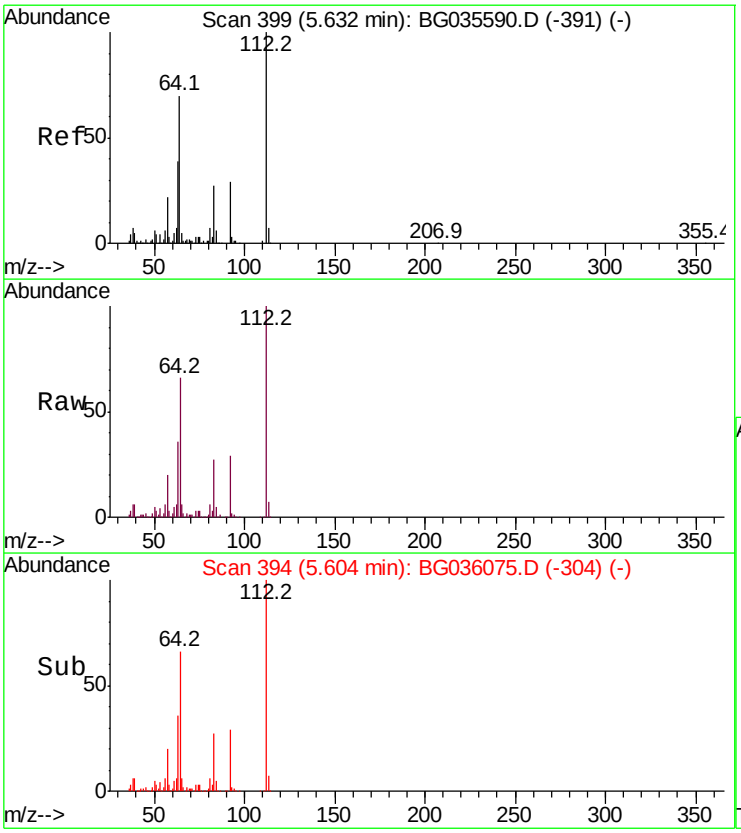
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-B

Tgt Ion:152 Resp: 26293

Ion	Ratio	Lower	Upper
152	100		
150	171.8	126.6	189.8
115	64.9	53.0	79.4

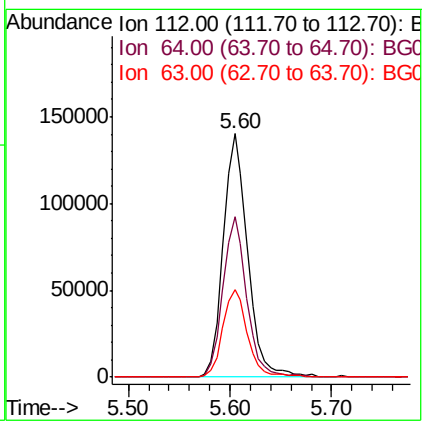


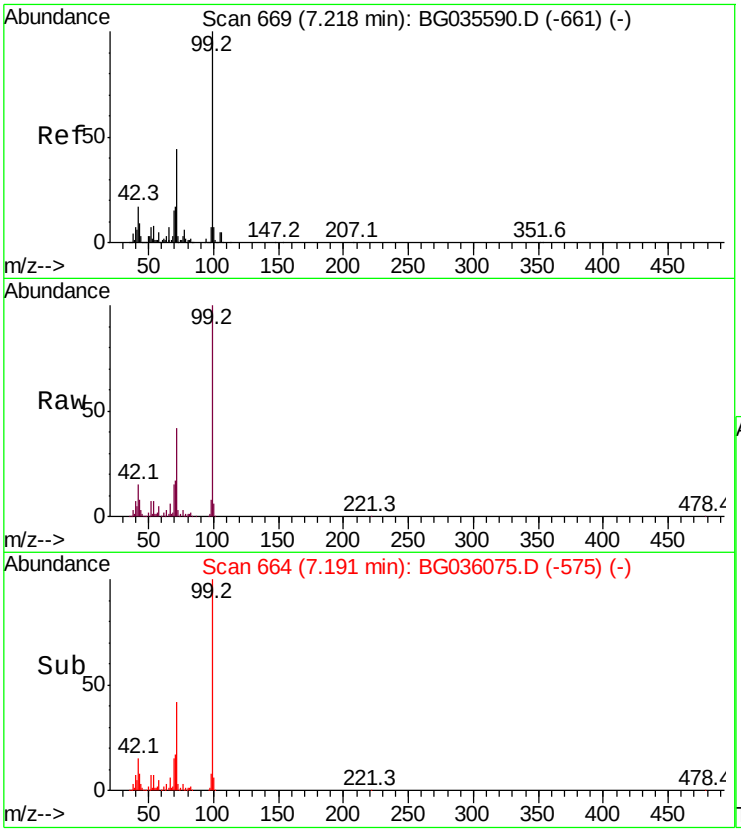


#5
2-Fluorophenol
Concen: 147.332 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Tgt Ion:112 Resp: 233328

Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.3	84.5
63	36.0	30.1	45.1



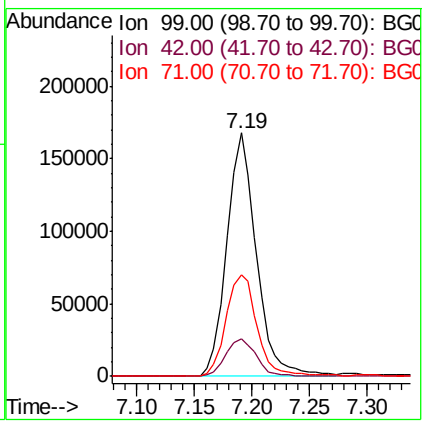


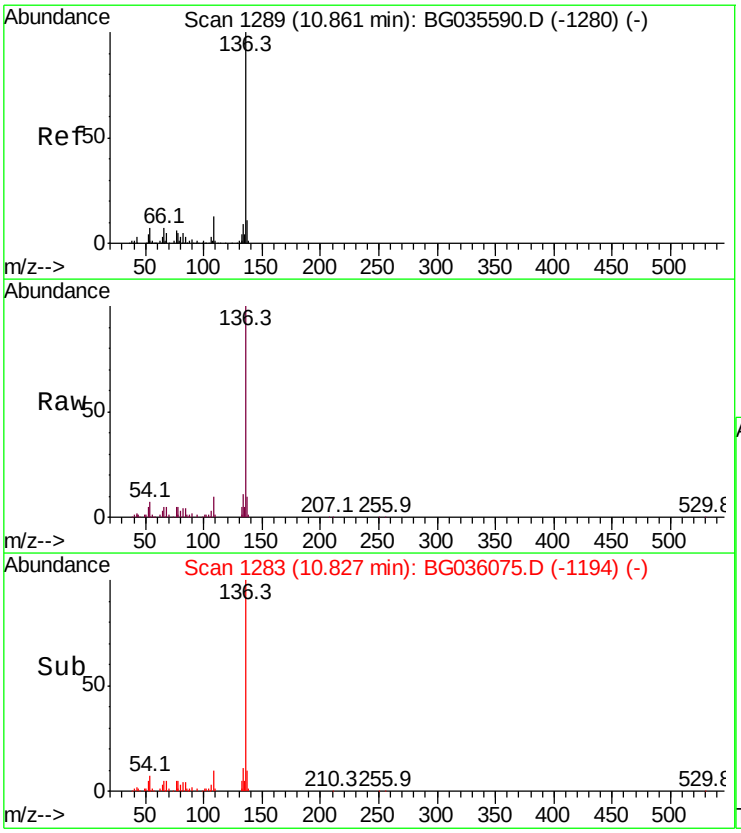
#7
Phenol-d6
Concen: 126.123 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-B

Tgt Ion: 99 Resp: 298010

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.1	21.1
71	41.8	26.1	39.1#

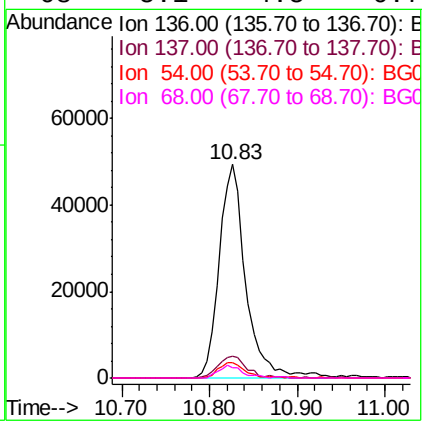


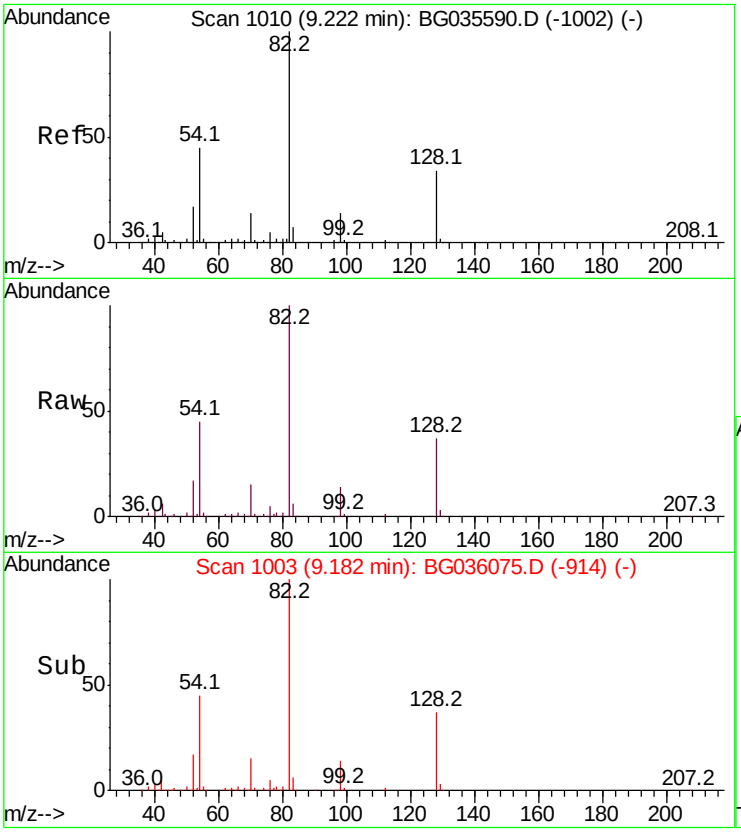


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Tgt Ion:136 Resp: 103700

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	7.0	10.3	15.5#
68	5.1	4.5	6.7



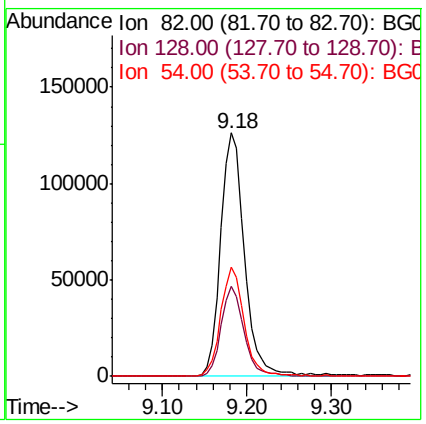


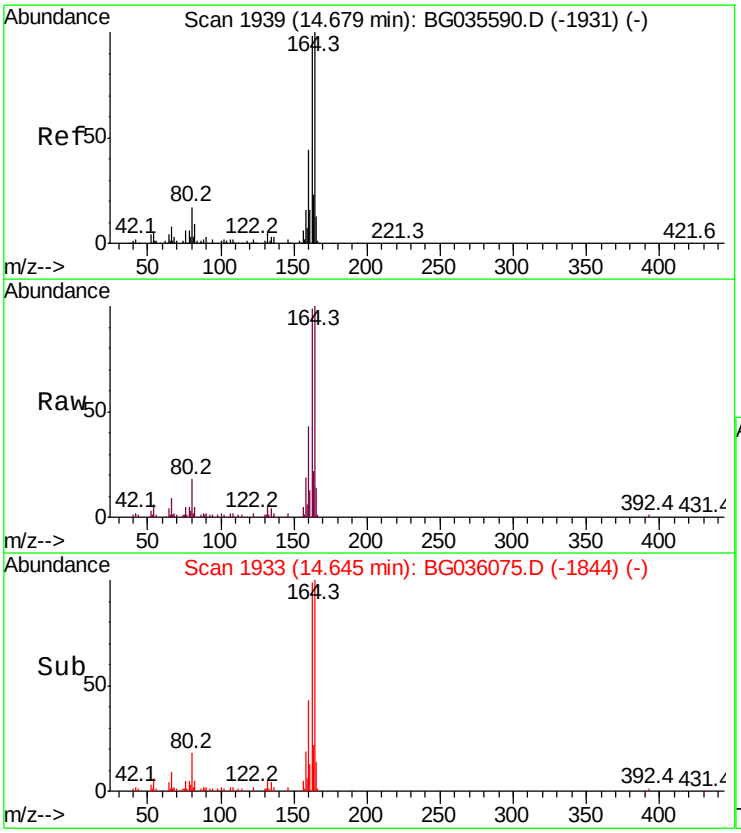
#23
Nitrobenzene-d5
Concen: 99.976 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-B

Tgt Ion: 82 Resp: 248177

Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.7	44.5
54	45.1	43.1	64.7

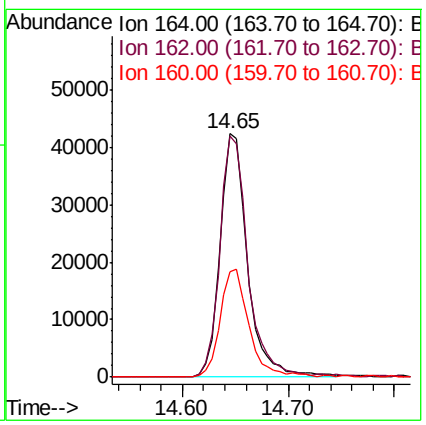


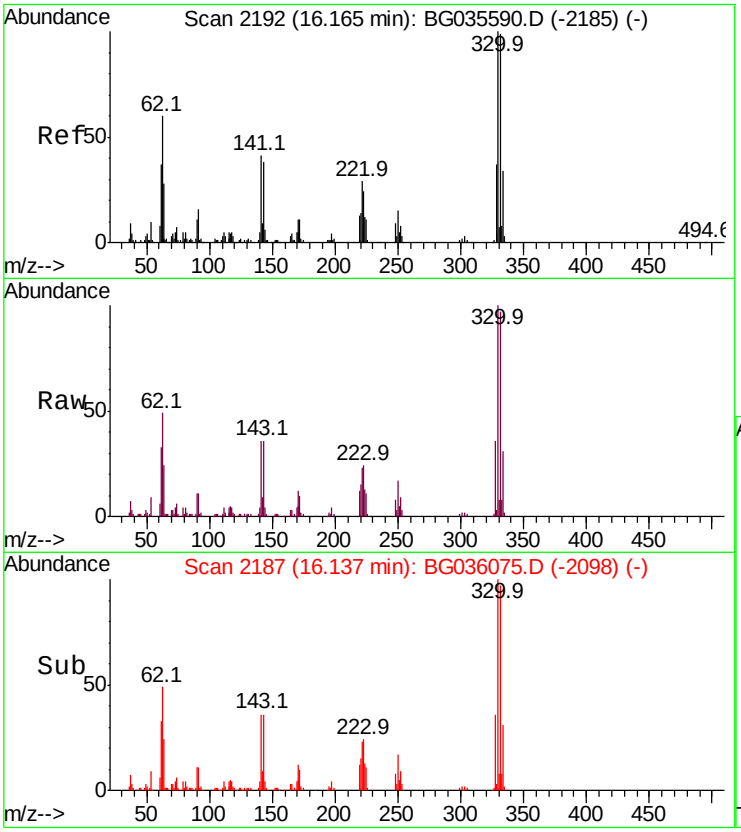


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Tgt Ion:164 Resp: 76497

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	43.4	35.4	53.0



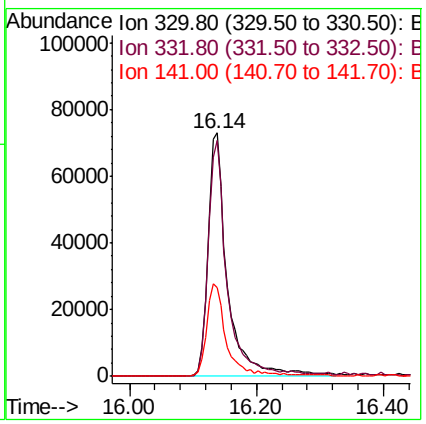


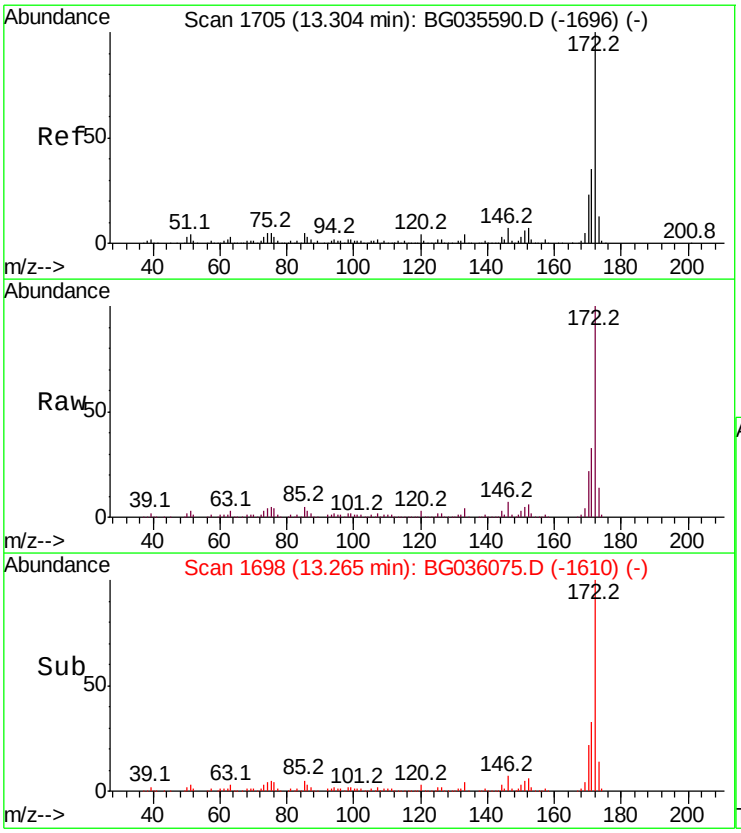
#41
2,4,6-Tribromophenol
Concen: 156.221 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-B

Tgt Ion:330 Resp: 157514

Ion	Ratio	Lower	Upper
330	100		
332	92.2	77.0	115.6
141	37.8	25.2	37.8

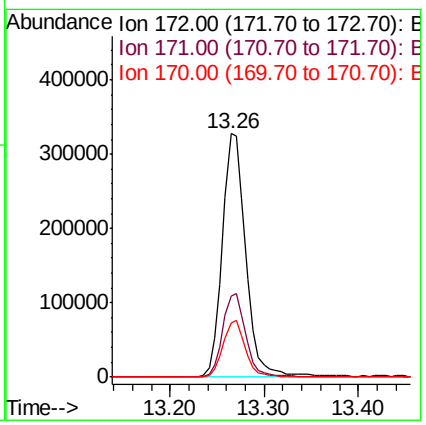


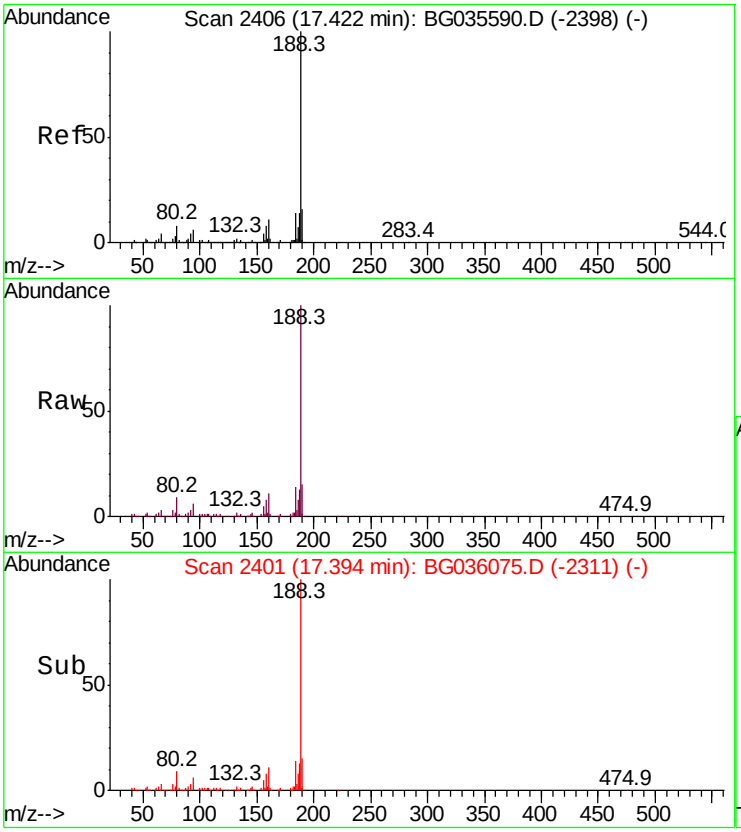


#44
2-Fluorobiphenyl
Concen: 100.030 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Tgt Ion:172 Resp: 571157

Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	22.1	19.5	29.3



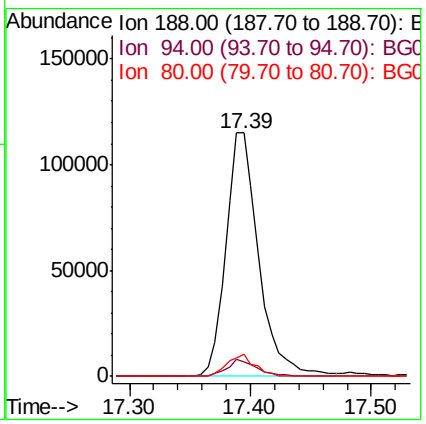


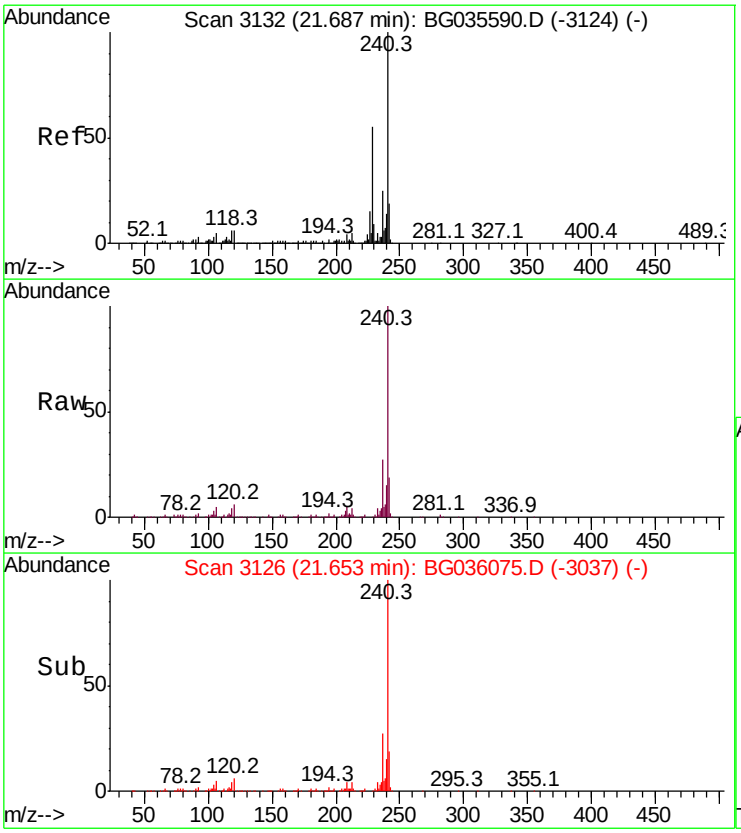
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-B

Tgt Ion:188 Resp: 217603

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	9.1	7.7	11.5

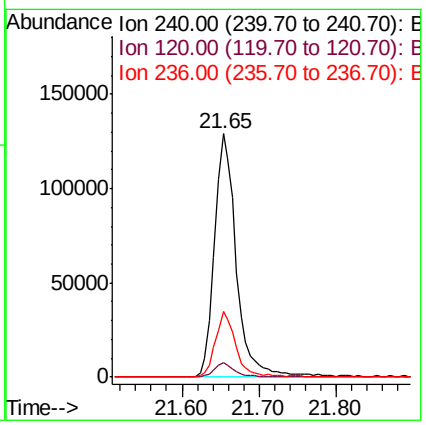


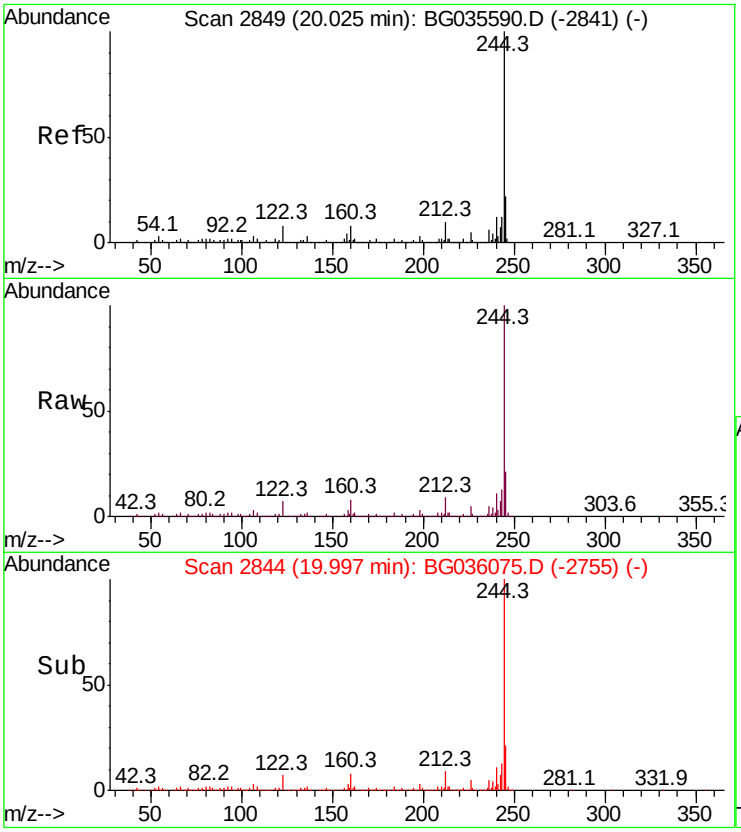


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Tgt Ion:240 Resp: 252376

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	26.8	20.9	31.3



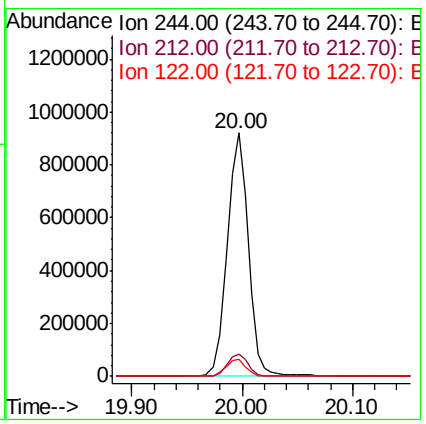


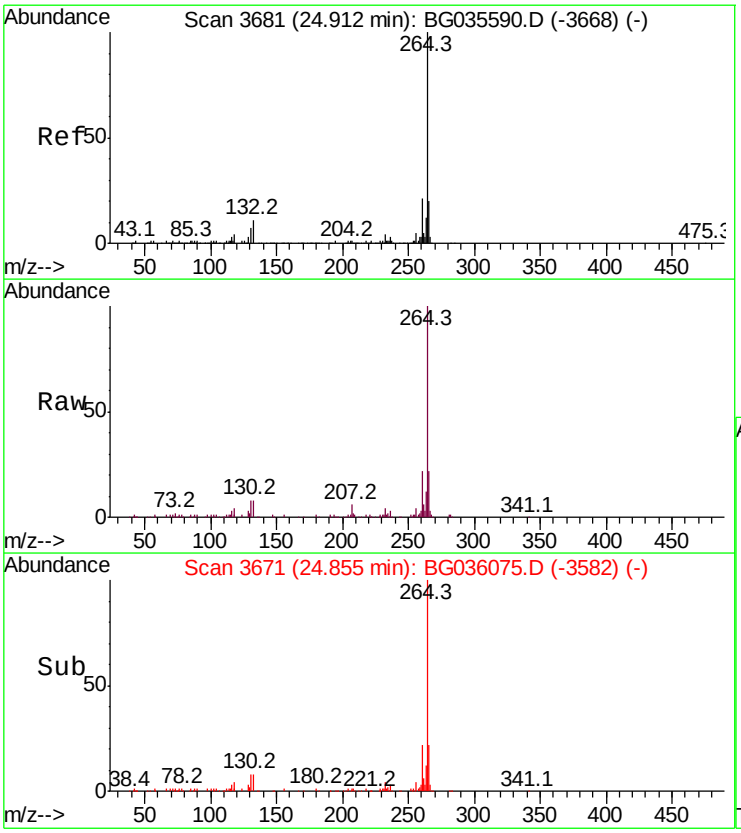
#78
Terphenyl-d14
Concen: 107.733 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-B

Tgt Ion:244 Resp: 1233466

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Tgt Ion:264 Resp: 226438

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	21.7	17.7	26.5