Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036090.D
Acq On : 3 Aug 2018 12:23
Operator : JU/SJ
Sample : J3826-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-073118

Quant Time: Aug 03 13:46:20 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	34661	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124747	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	84542	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	235970	20.00	ng	0.00
75) Chrysene-d12	21.65	240	286826	20.00	ng	0.00
86) Perylene-d12	24.86	264	251793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	284242	136.15	ng	0.00
7) Phenol-d6	7.19	99	365446	117.32	ng	0.00
23) Nitrobenzene-d5	9.18	82	301545	100.98	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	157977	141.77	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	673933	106.80	ng	0.00
78) Terphenyl-d14	20.00	244	1350851	103.81	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.87	128	142455	21.922	ng	96
76) Benzidine	19.63	184	186607	24.747	ng	98

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

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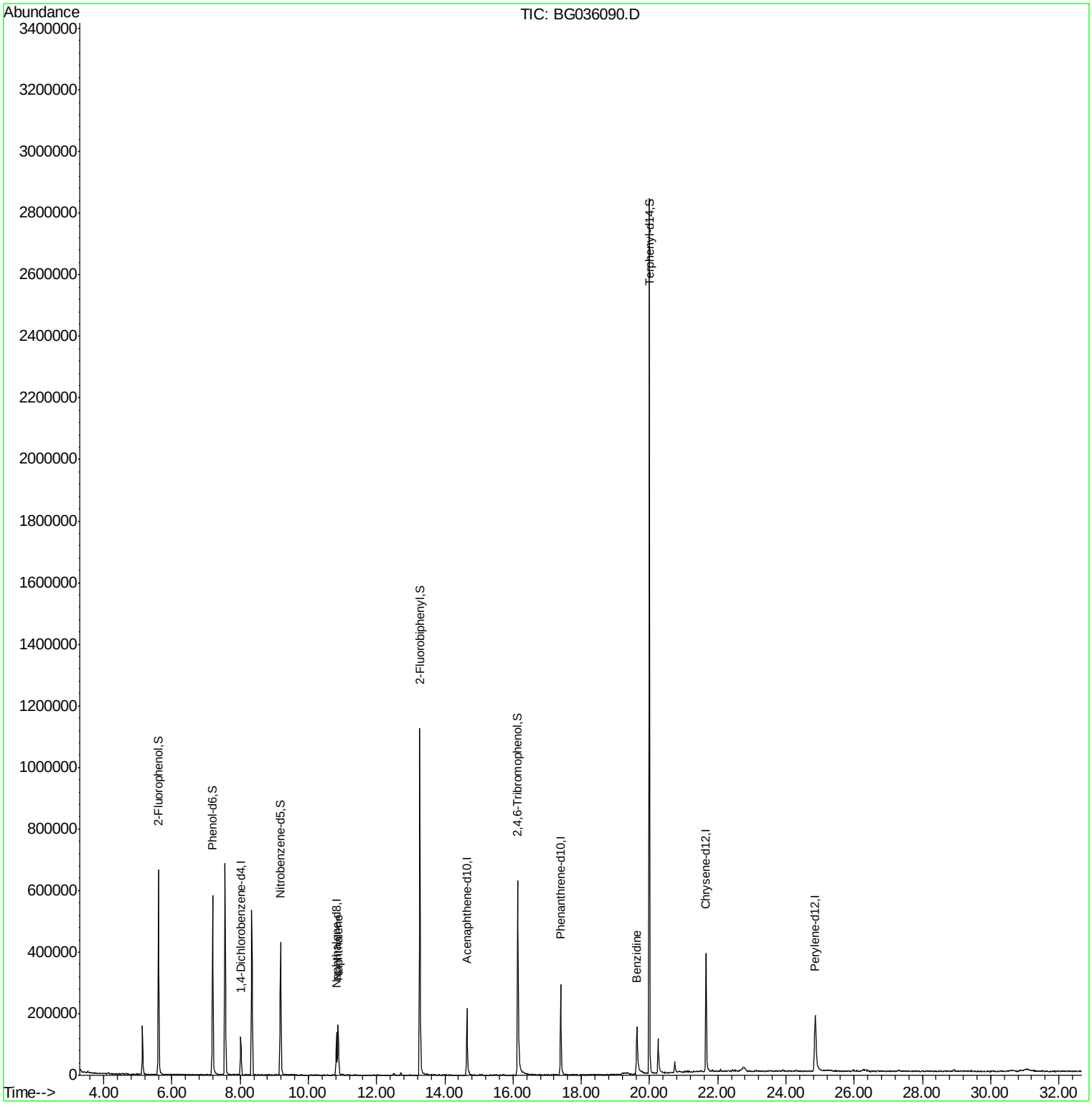
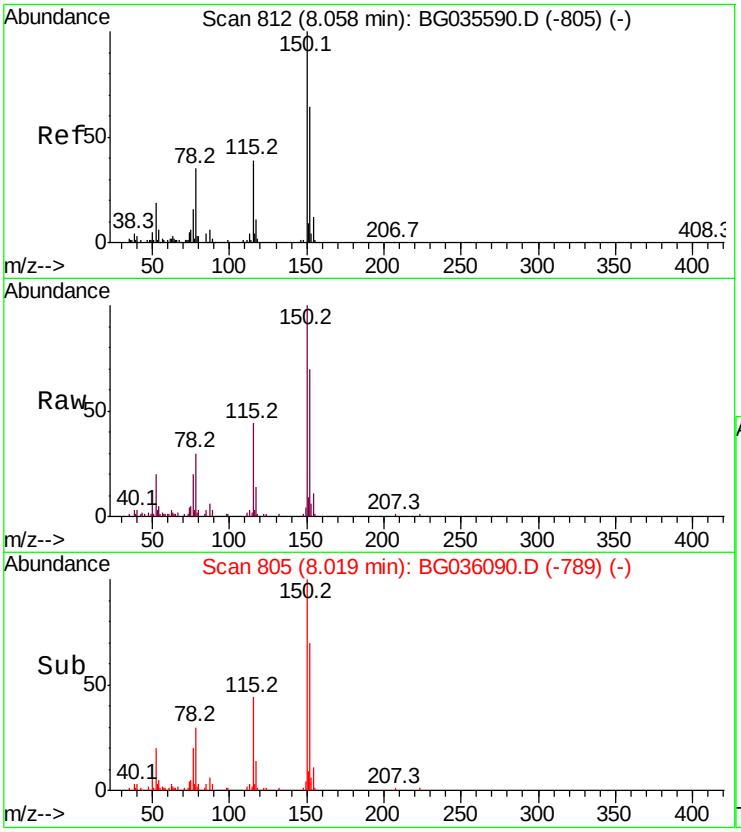


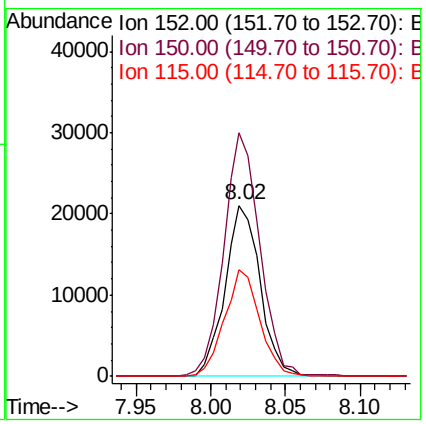


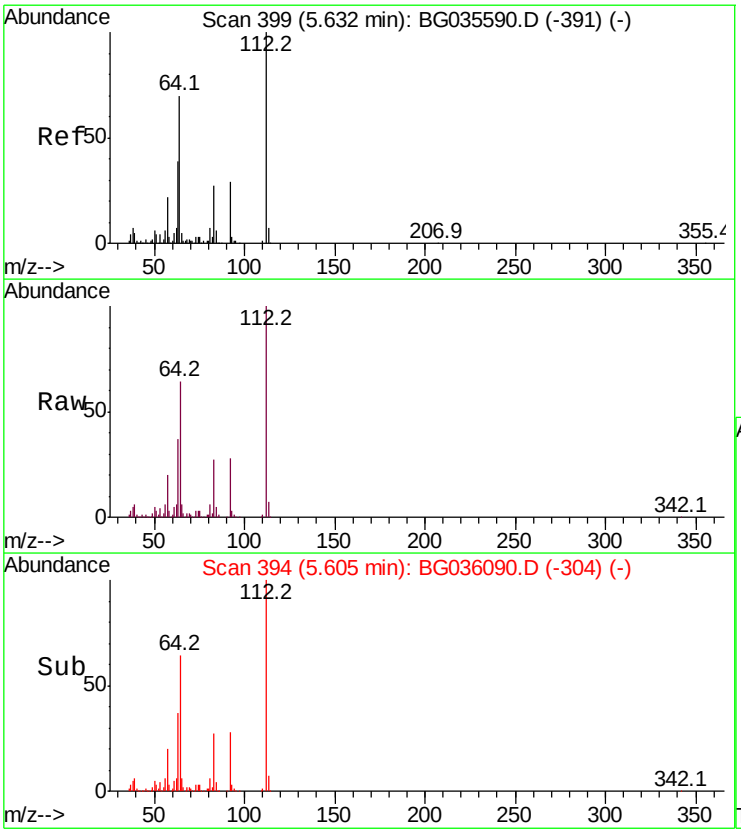
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:152 Resp: 34661

Ion	Ratio	Lower	Upper
152	100		
150	142.1	126.6	189.8
115	62.4	53.0	79.4

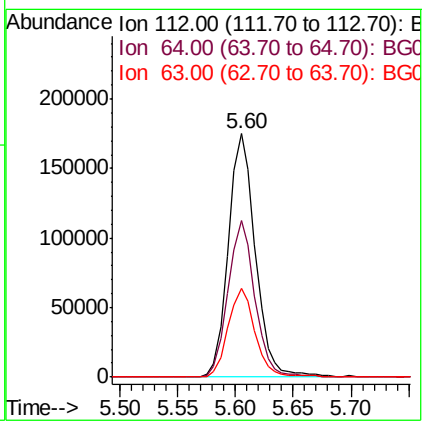


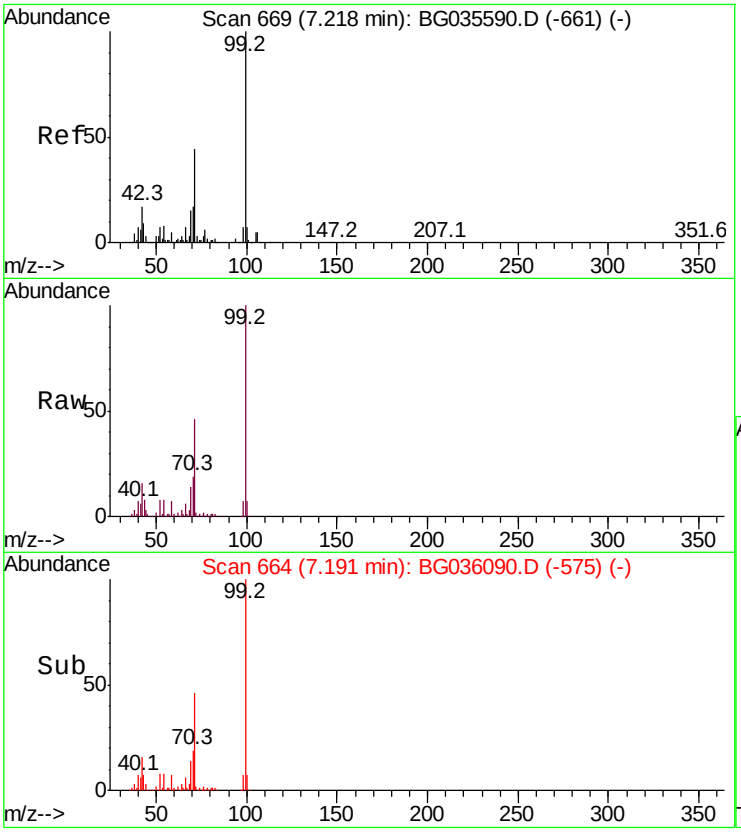


#5
2-Fluorophenol
Concen: 136.150 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Tgt Ion:112 Resp: 284242

Ion	Ratio	Lower	Upper
112	100		
64	64.2	56.3	84.5
63	36.7	30.1	45.1



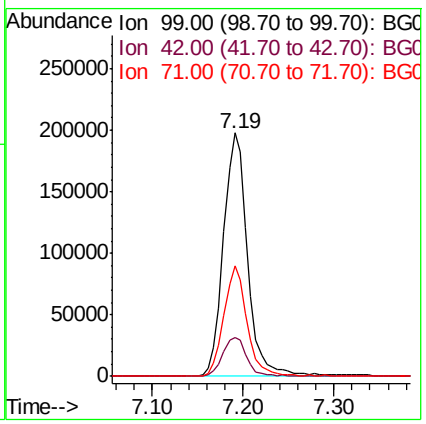


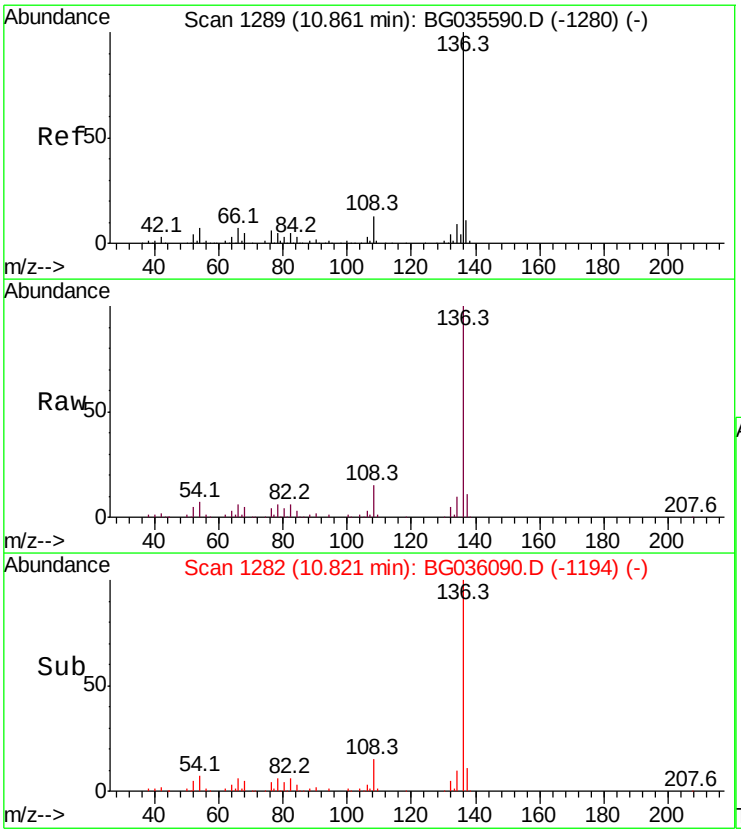
#7
Phenol-d6
Concen: 117.324 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion: 99 Resp: 365446

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	45.5	26.1	39.1#

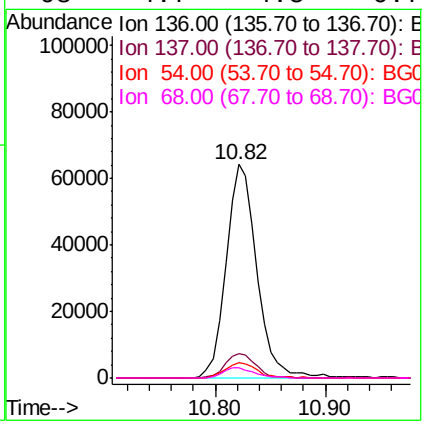


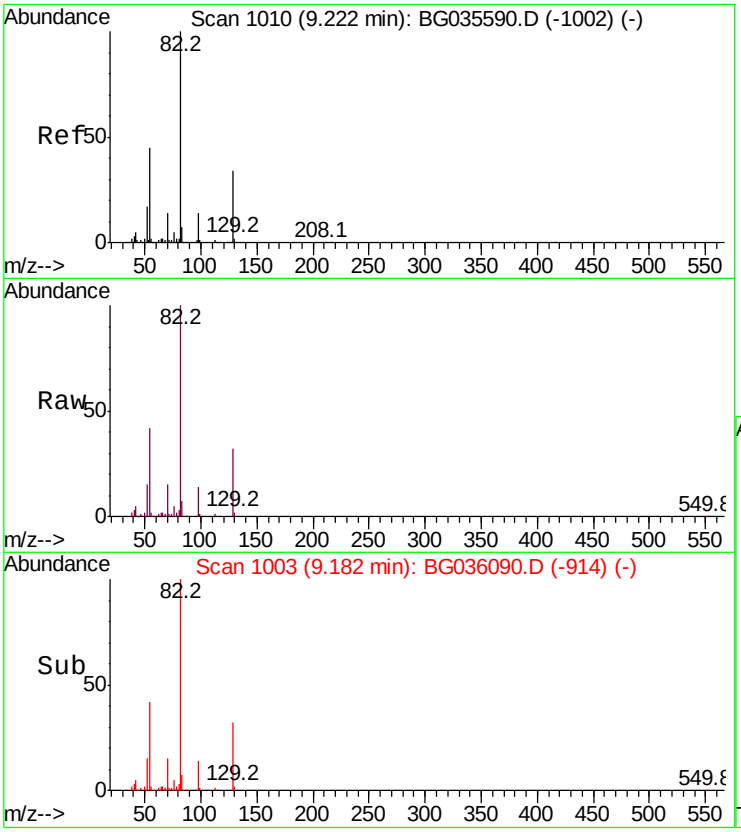


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Tgt Ion:136 Resp: 124747

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.0	10.3	15.5#
68	4.7	4.5	6.7



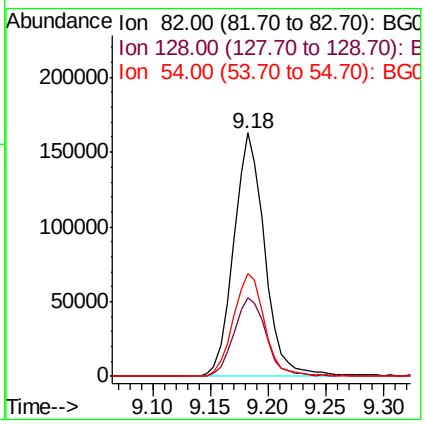


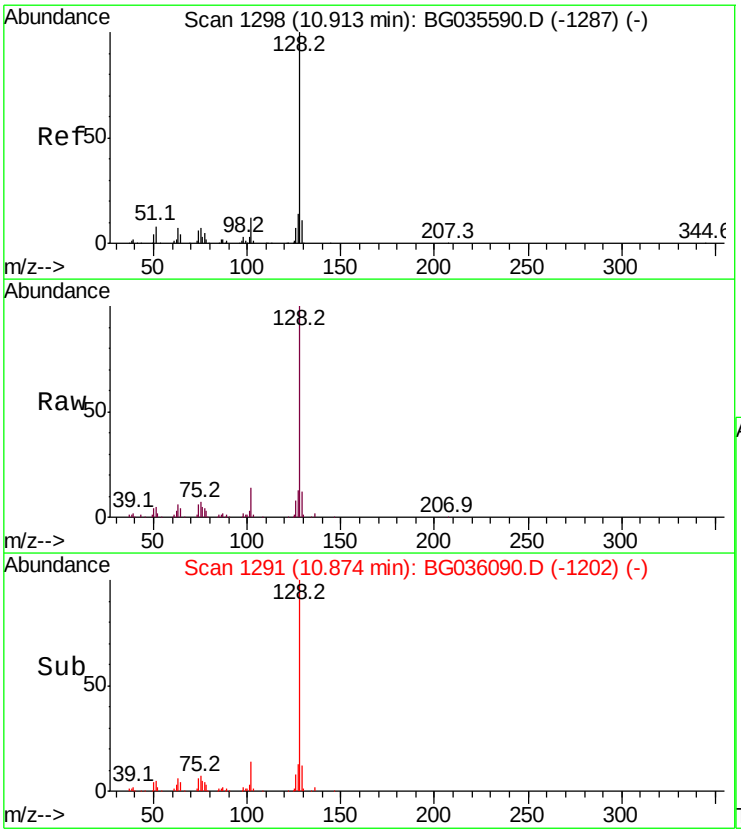
#23
Nitrobenzene-d5
Concen: 100.980 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion: 82 Resp: 301545

Ion	Ratio	Lower	Upper
82	100		
128	32.3	29.7	44.5
54	42.0	43.1	64.7#

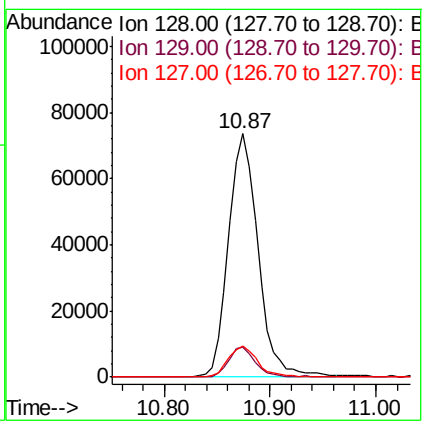


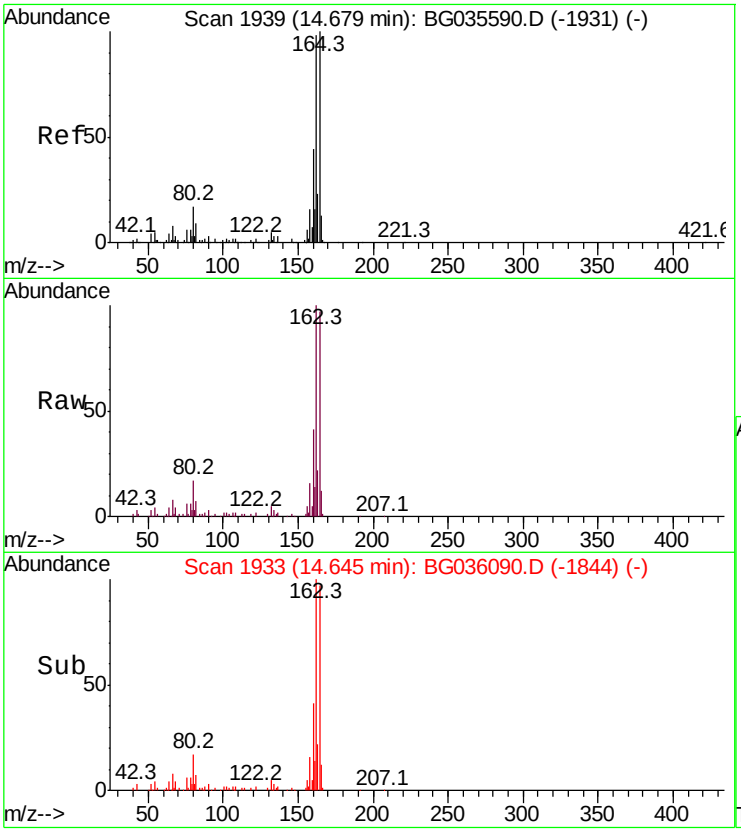


#31
Naphthalene
Concen: 21.922 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Tgt Ion:128 Resp: 142455

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	12.6	11.6	17.4



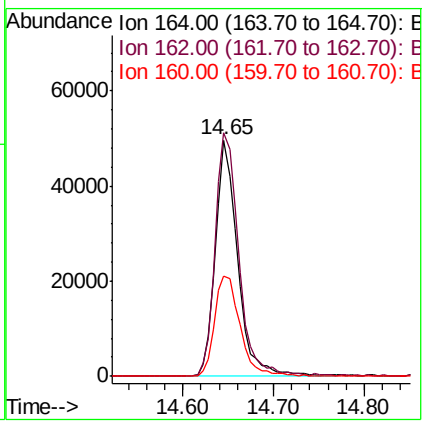


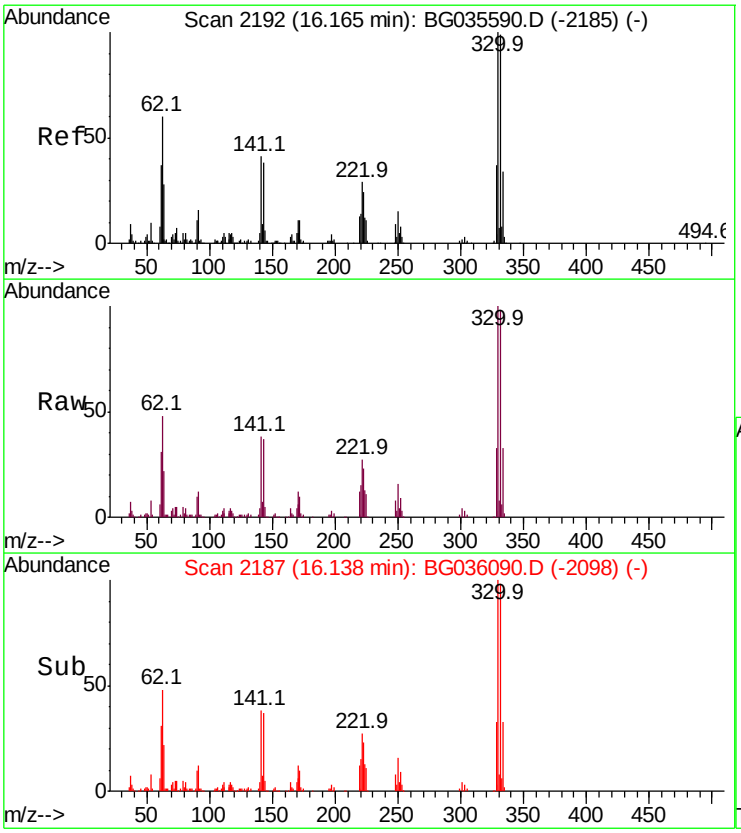
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:164 Resp: 84542

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	42.7	35.4	53.0

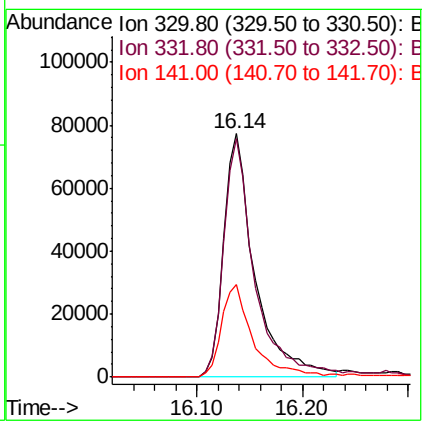


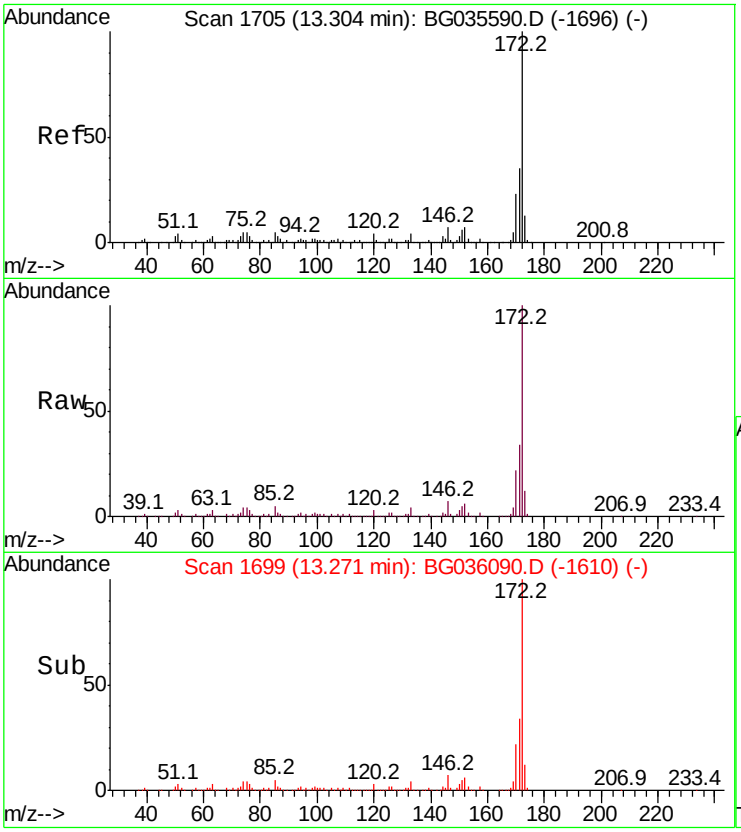


#41
2,4,6-Tribromophenol
Concen: 141.770 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Tgt Ion:330 Resp: 157977

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	38.5	25.2	37.8#



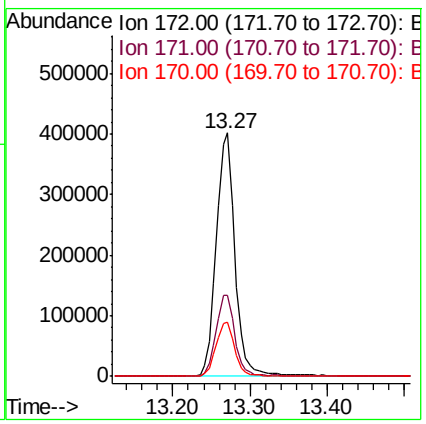


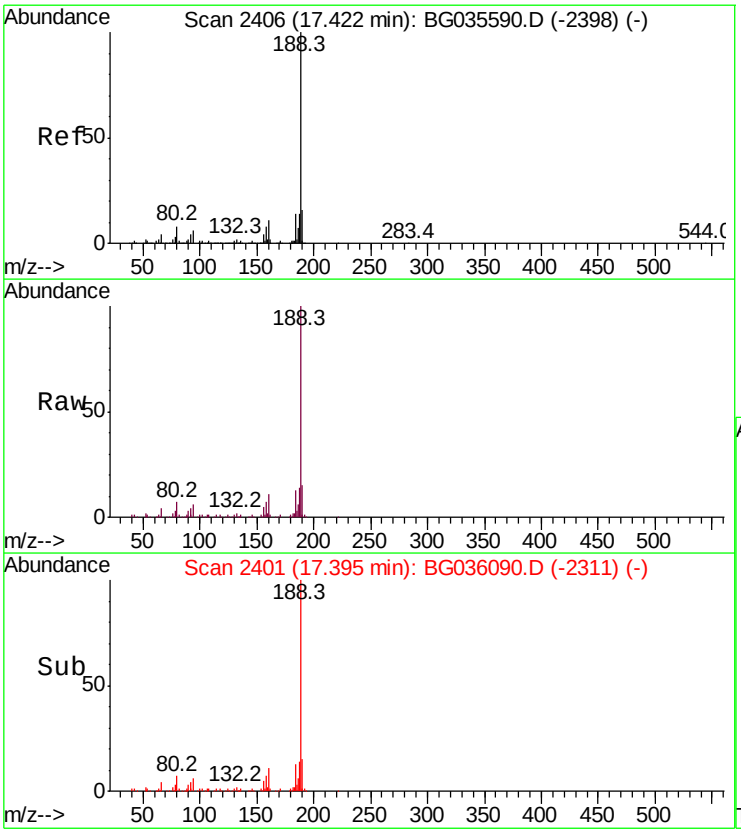
#44
2-Fluorobiphenyl
Concen: 106.798 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:172 Resp: 673933

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

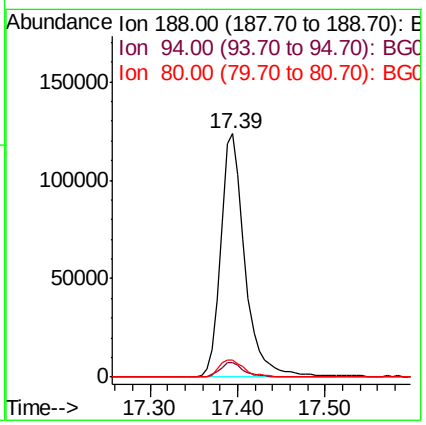


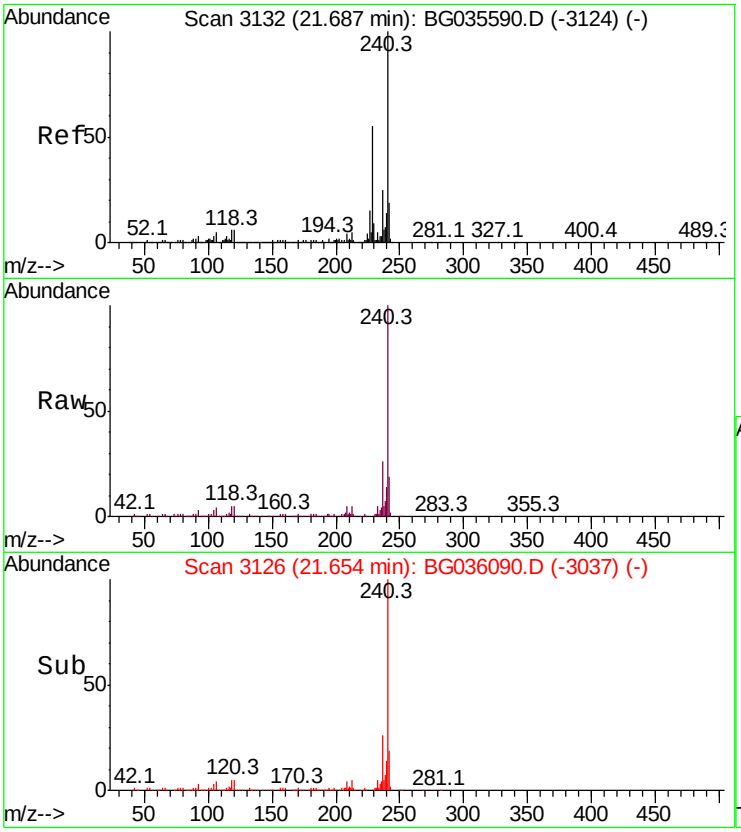


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Tgt Ion:188 Resp: 235970

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.0	7.7	11.5#



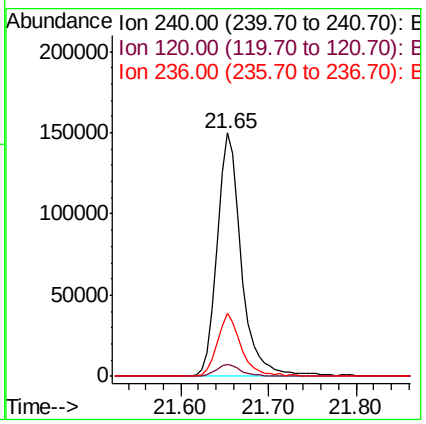


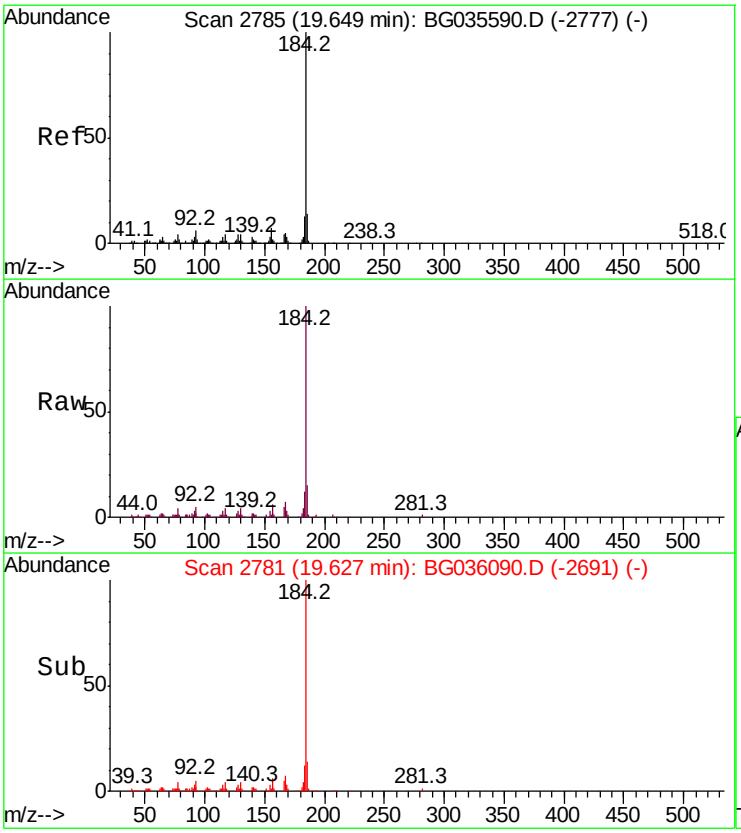
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:240 Resp: 286826

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	26.0	20.9	31.3

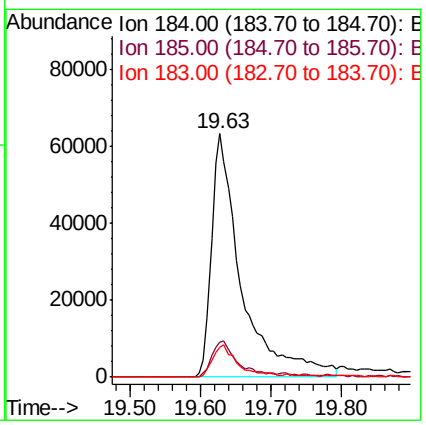


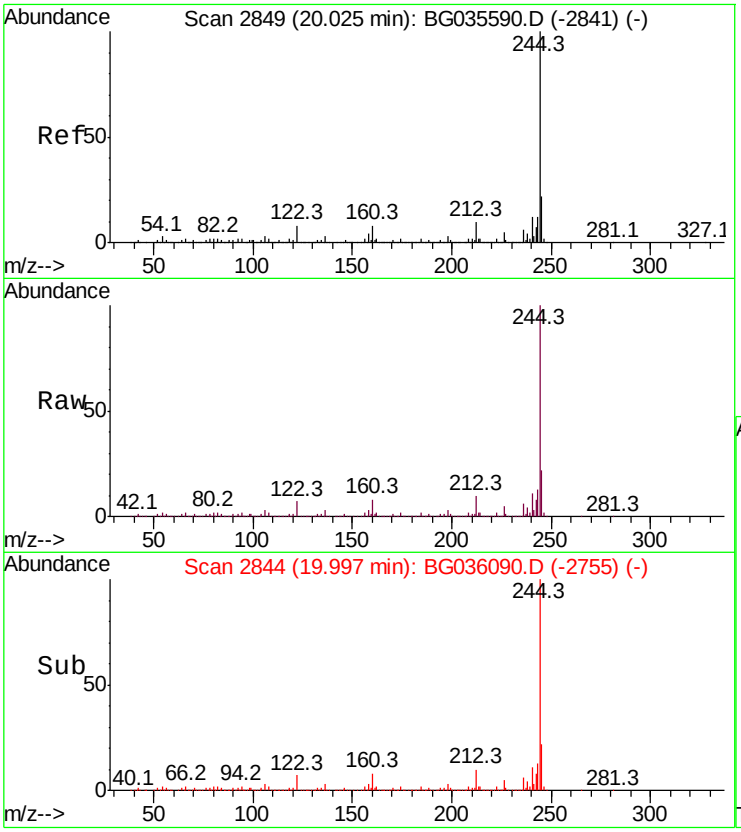


#76
Benzidine
Concen: 24.747 ng
RT: 19.63 min Scan# 2781
Delta R.T. 0.00 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Tgt Ion:184 Resp: 186607

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	12.2	10.6	16.0



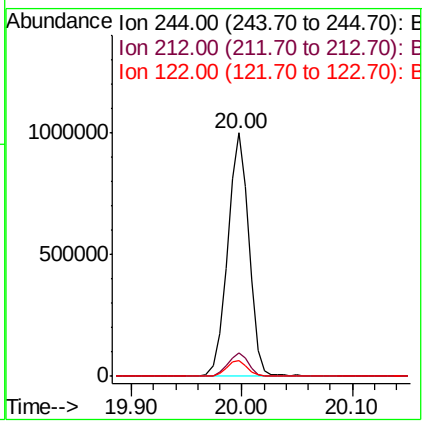


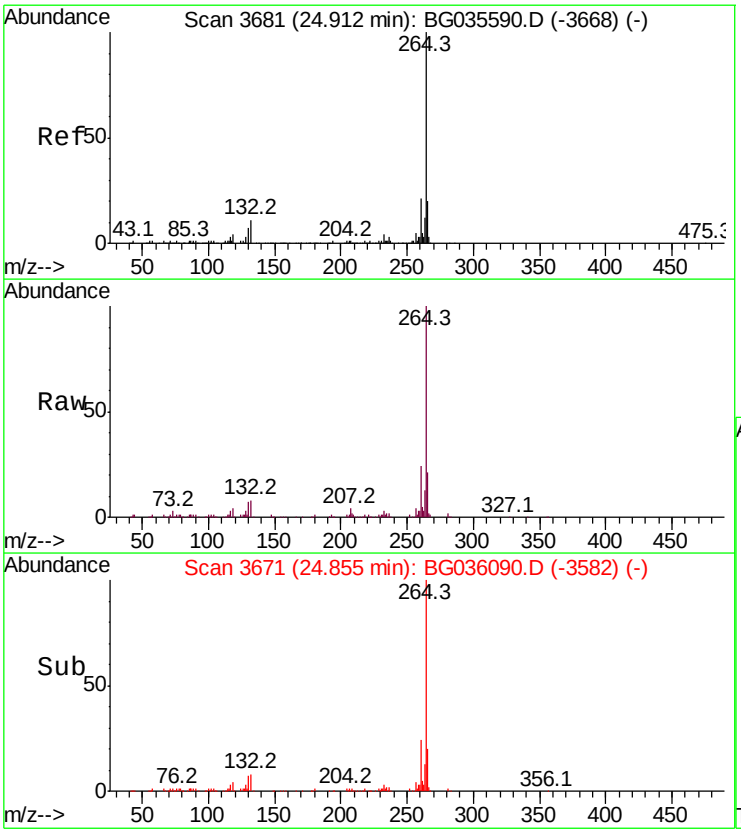
#78
Terphenyl-d14
Concen: 103.815 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:244 Resp: 1350851

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	6.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG036090.D
Acq: 3 Aug 2018 12:23

Tgt Ion:264 Resp: 251793

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	20.8	17.7	26.5