Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036171.D
Acq On : 7 Aug 2018 21:01
Operator : JU/SJ
Sample : J4366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 08 01:04:56 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	8.01	152	30176	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	106035	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	75375	20.00	ng		-0.01
63) Phenanthrene-d10	17.37	188	216584	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	252120	20.00	ng		-0.02
86) Perylene-d12	24.82	264	241821	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	132374	72.83	ng		0.00
7) Phenol-d6	7.18	99	121016	44.63	ng		-0.02
23) Nitrobenzene-d5	9.17	82	253530	99.88	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	182608	183.80	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	587390	104.40	ng		-0.02
78) Terphenyl-d14	19.99	244	1234183	107.91	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	36516	15.991	ng	#	62
49) Dimethylphthalate	14.09	163	17130	2.594	ng		98
50) 2,6-Dinitrotoluene	14.63	165	10000	7.436	ng	#	22
51) Acenaphthene	14.70	154	45601	9.614	ng		95
53) 2,4-Dinitrophenol	14.65	184	69	6.674	ng	#	65
54) Dibenzofuran	15.04	168	26631	3.530	ng		92
57) Fluorene	15.68	166	38331	6.063	ng		99
66) 4-Bromophenyl-phenylether	16.12	248	15236	6.063	ng	#	1
70) Phenanthrene	17.42	178	49921	4.619	ng		98
76) Benzidine	19.99	184	22684	3.422	ng		94

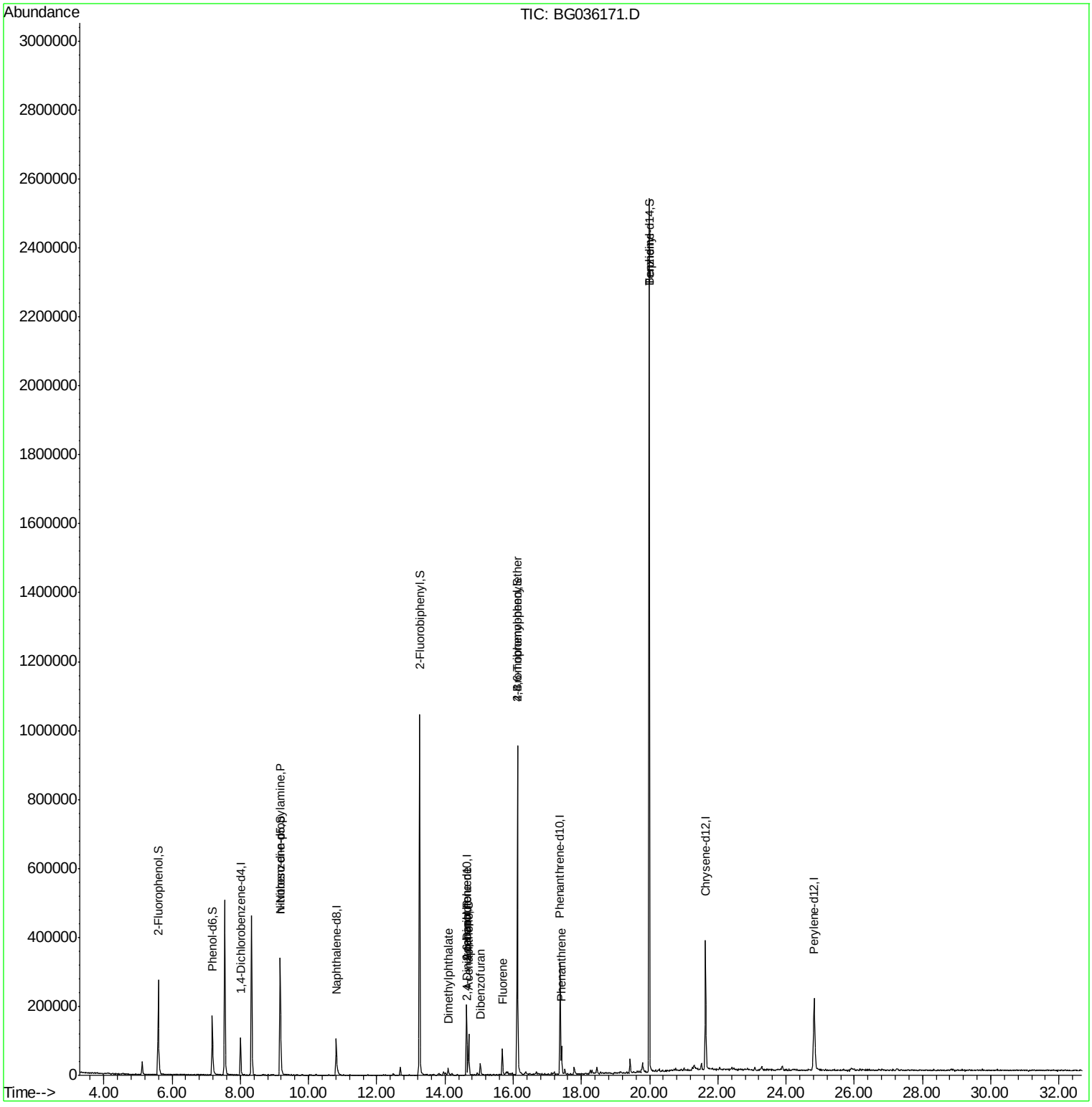
(#) = qualifier out of range (m) = manual integration (+) = signals summed

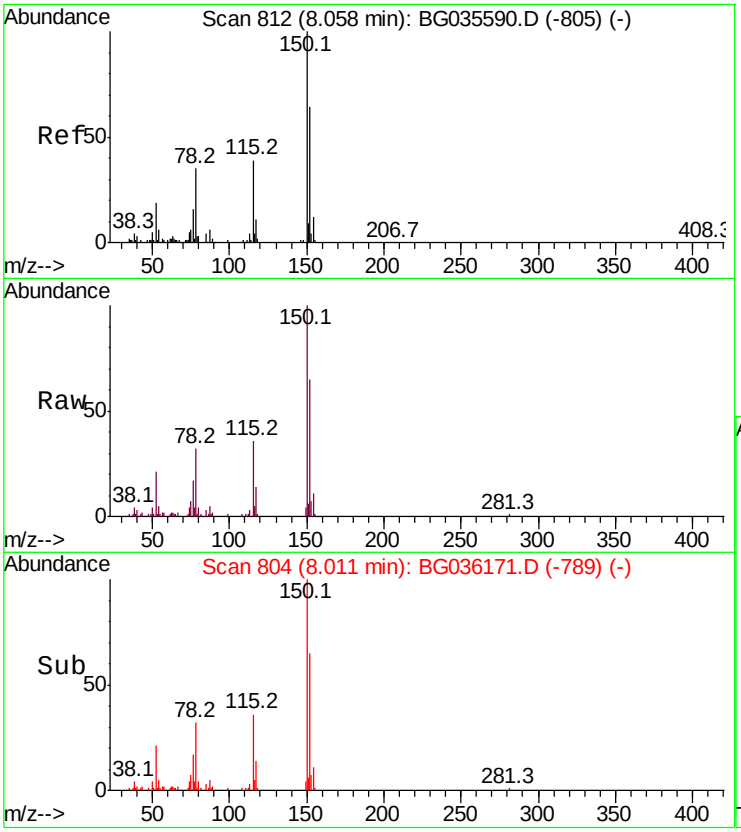
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036171.D
Acq On : 7 Aug 2018 21:01
Operator : JU/SJ
Sample : J4366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 08 01:04:56 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



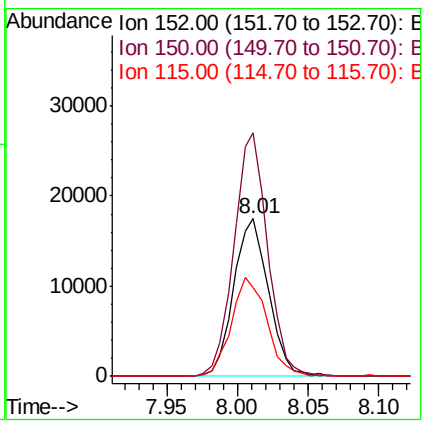


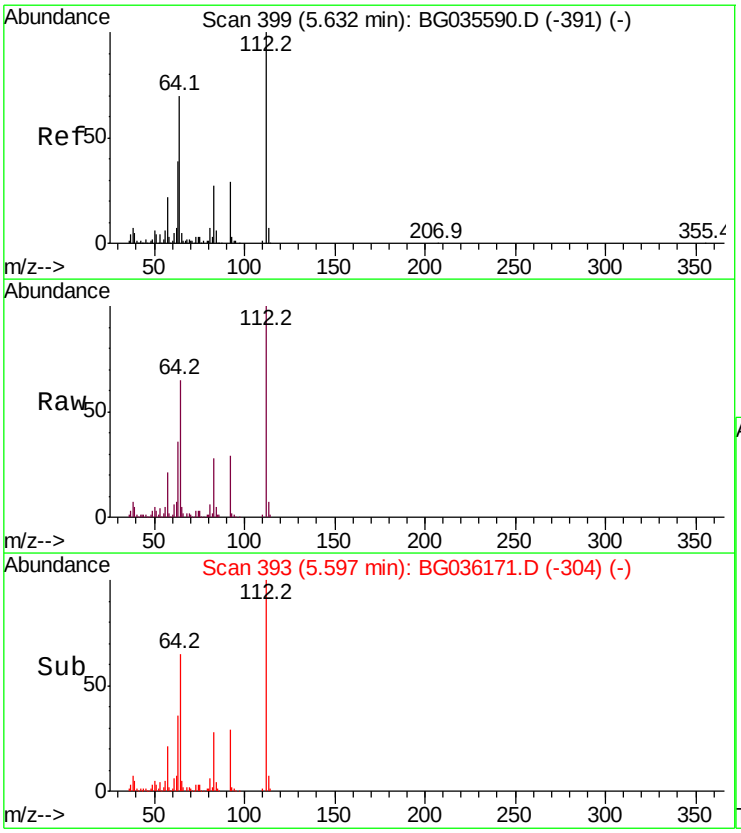
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30176

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.6	189.8
115	56.3	53.0	79.4

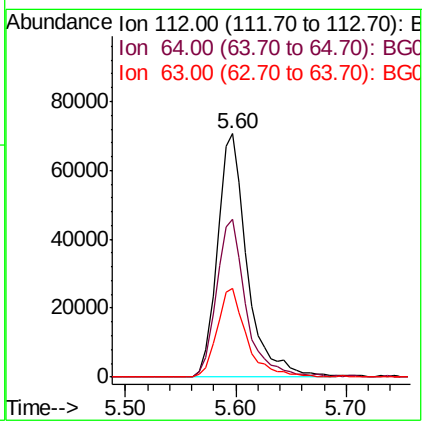


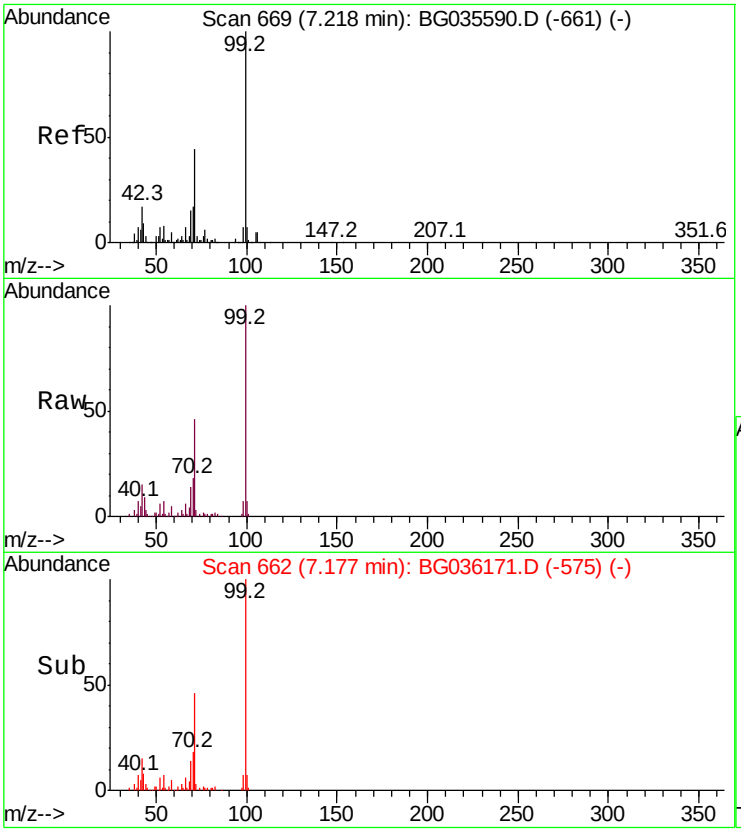


#5
2-Fluorophenol
Concen: 72.830 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion:112 Resp: 132374

Ion	Ratio	Lower	Upper
112	100		
64	64.7	56.3	84.5
63	36.4	30.1	45.1



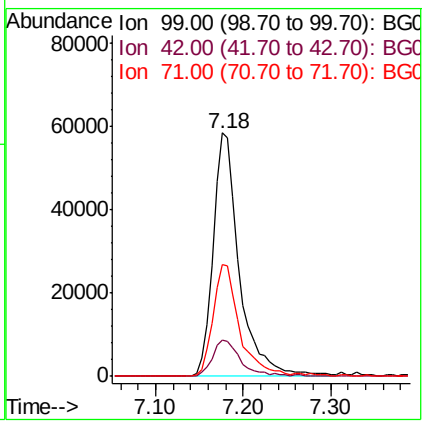


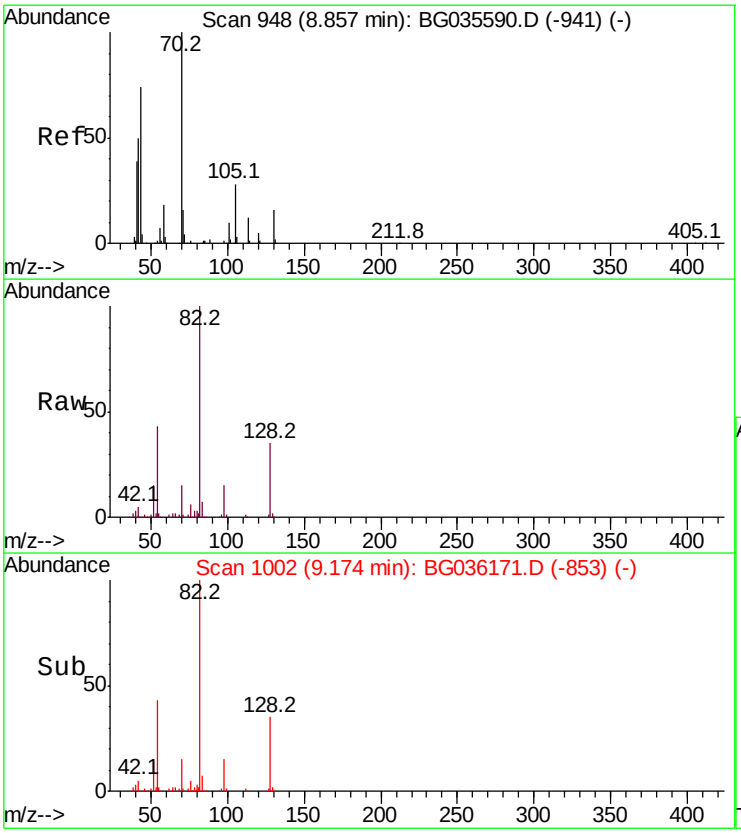
#7
Phenol-d6
Concen: 44.626 ng
RT: 7.18 min Scan# 662
Delta R.T. -0.02 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 121016

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.1	21.1
71	45.8	26.1	39.1#

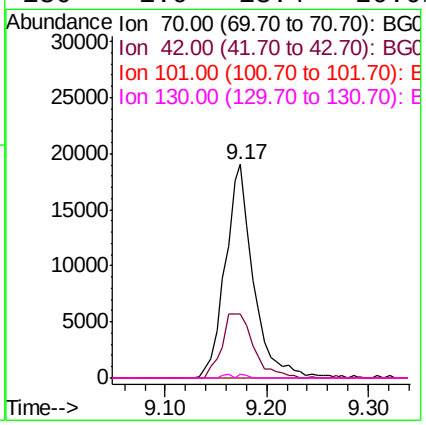


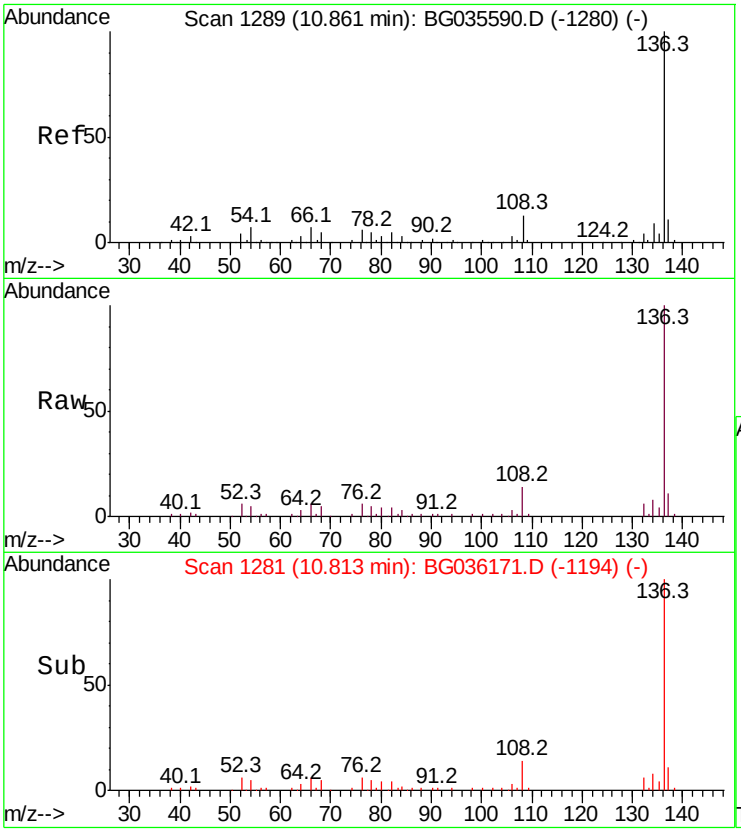


#19
n-Nitroso-di-n-propylamine
Concen: 15.991 ng
RT: 9.17 min Scan# 1002
Delta R.T. 0.35 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion: 70 Resp: 36516

Ion	Ratio	Lower	Upper
70	100		
42	30.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



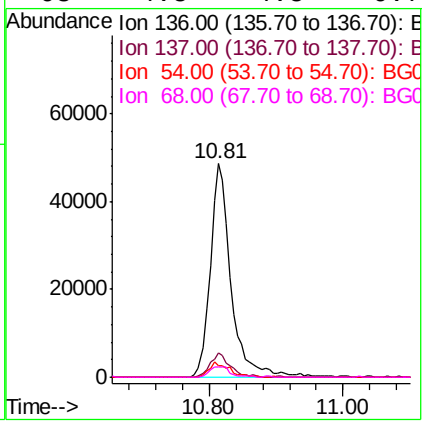


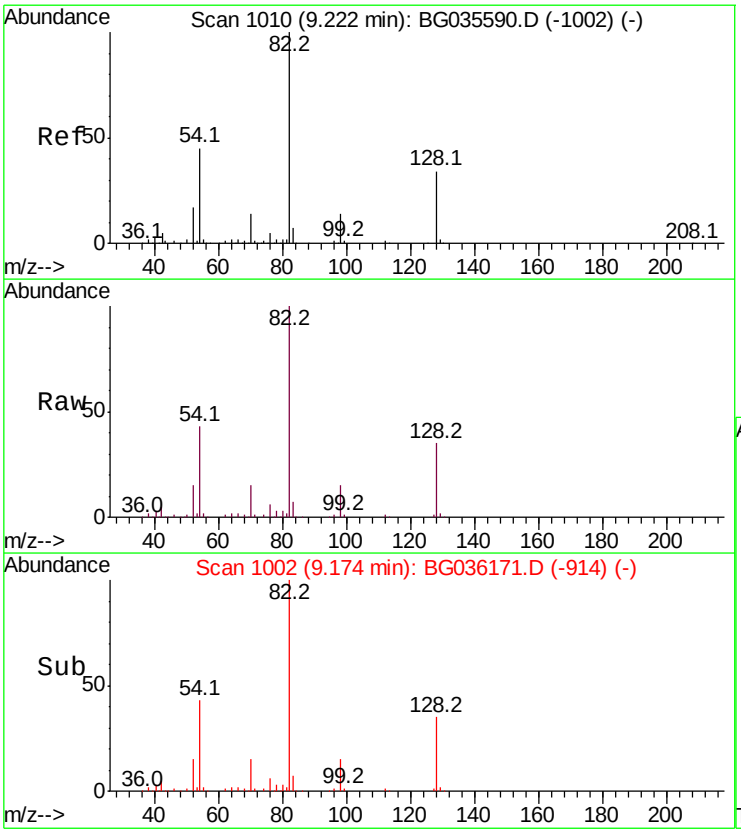
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 106035

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.4	10.3	15.5#
68	4.5	4.5	6.7

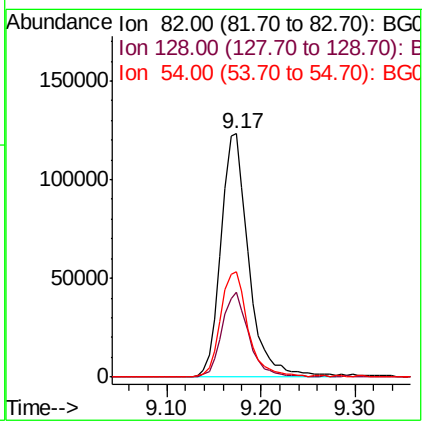


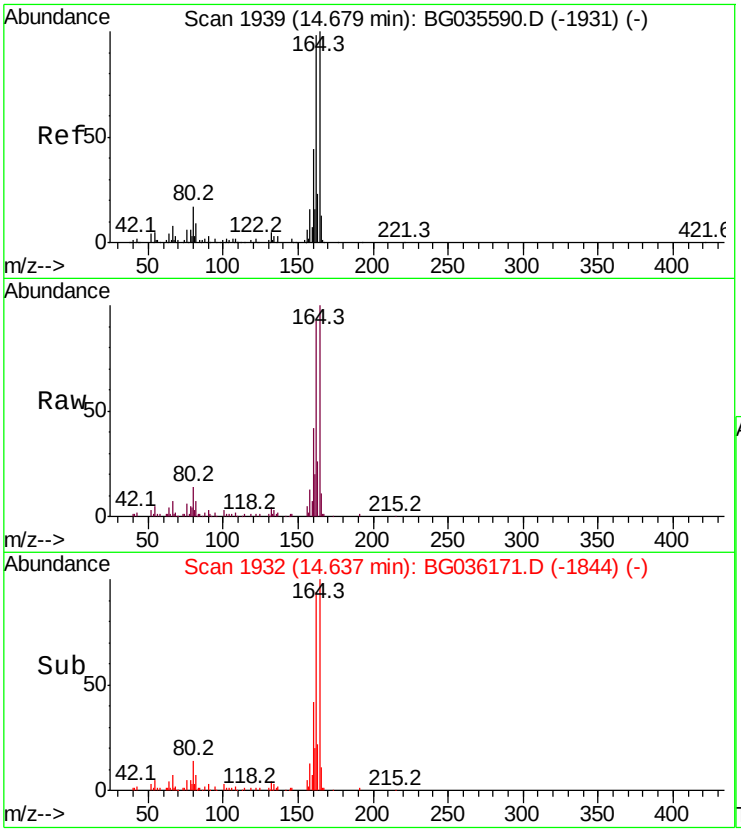


#23
Nitrobenzene-d5
Concen: 99.883 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion: 82 Resp: 253530

Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	43.3	43.1	64.7



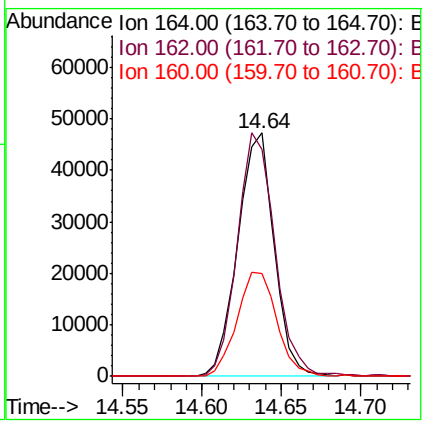


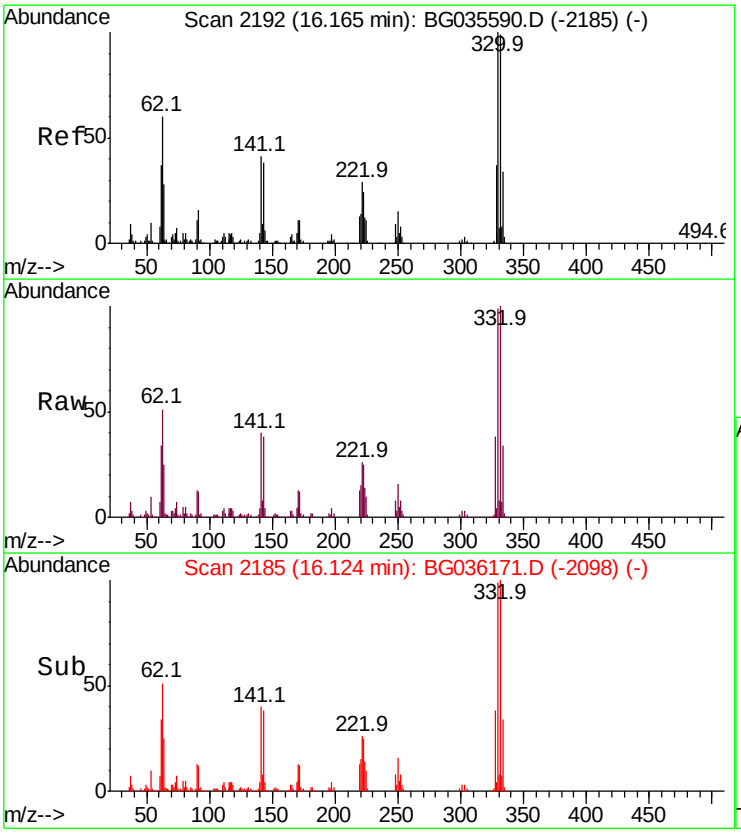
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 75375

Ion	Ratio	Lower	Upper
164	100		
162	93.5	78.8	118.2
160	42.2	35.4	53.0

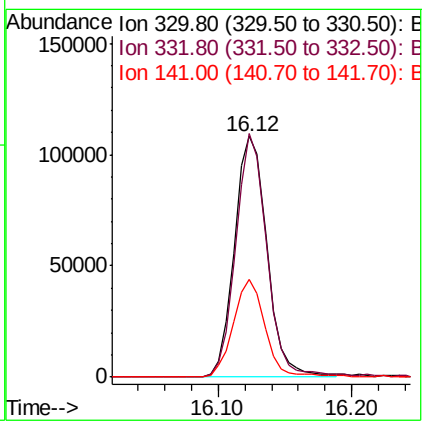


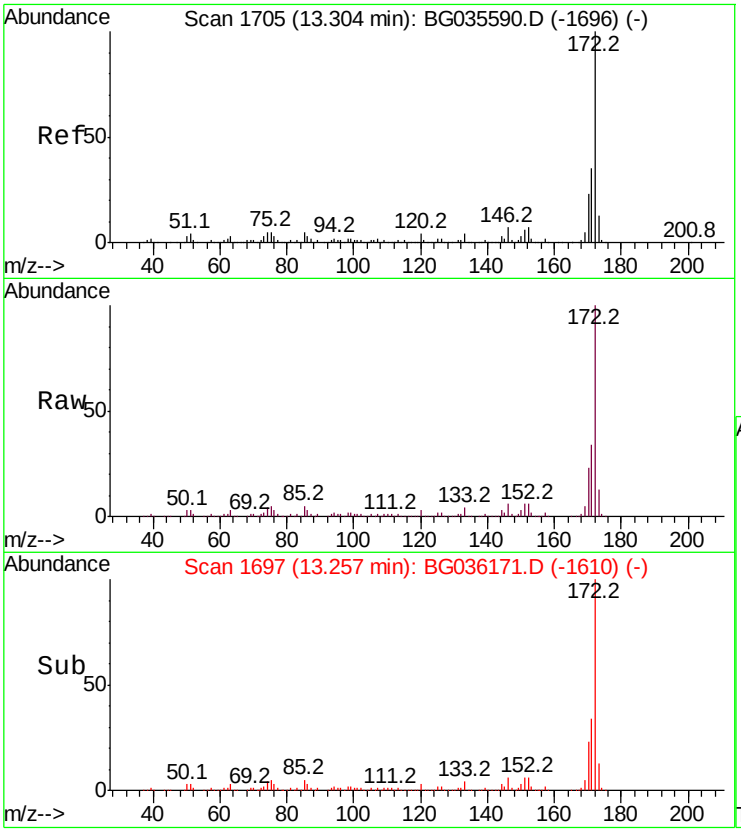


#41
2,4,6-Tribromophenol
Concen: 183.804 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion:330 Resp: 182608

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.9	25.2	37.8#



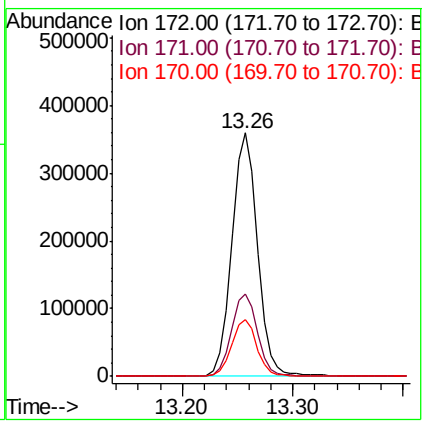


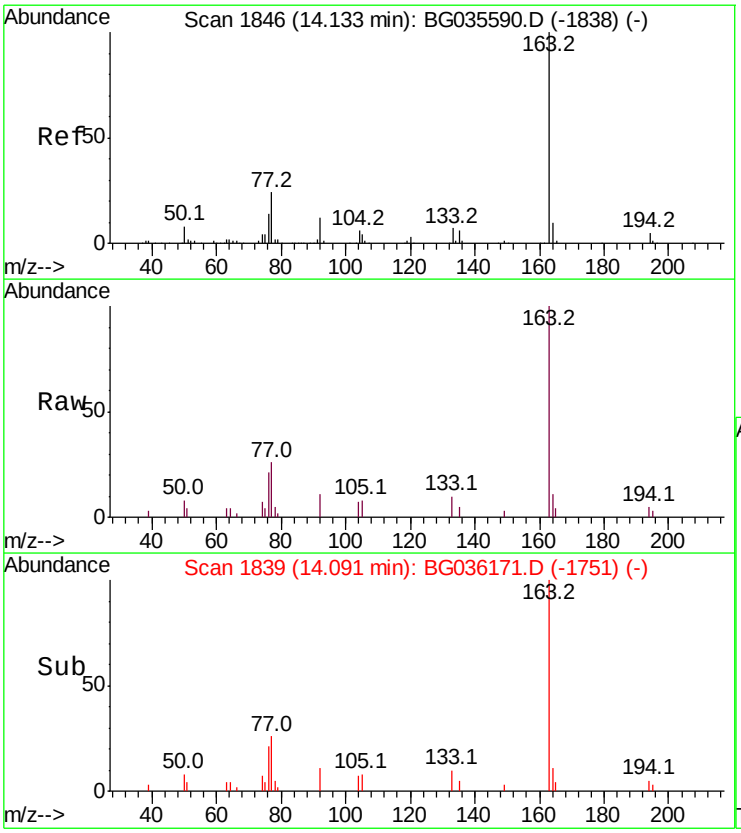
#44
2-Fluorobiphenyl
Concen: 104.405 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 587390

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.2	19.5	29.3

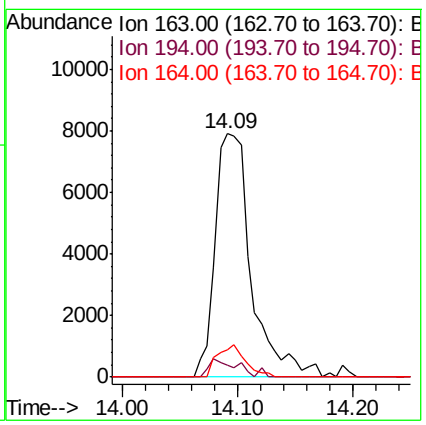


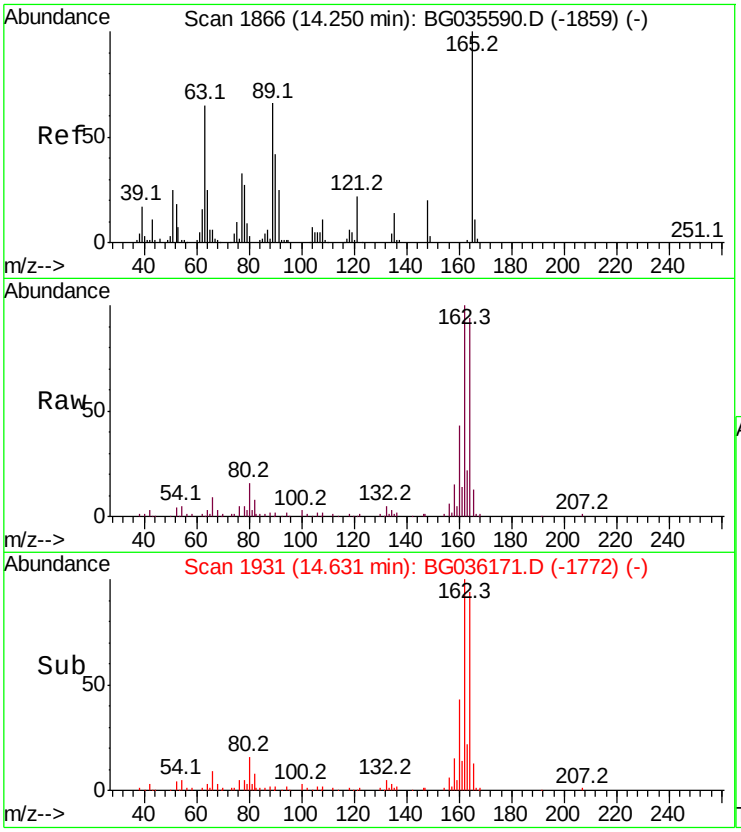


#49
Dimethylphthalate
Concen: 2.594 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion:163 Resp: 17130

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	11.2	8.2	12.4



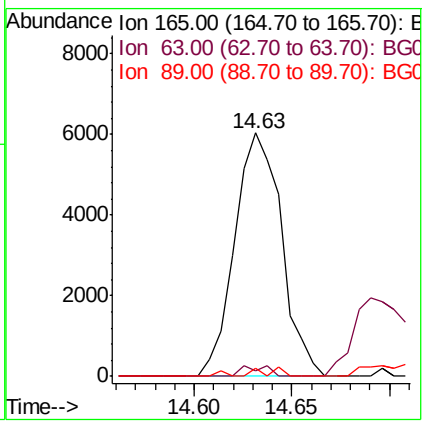


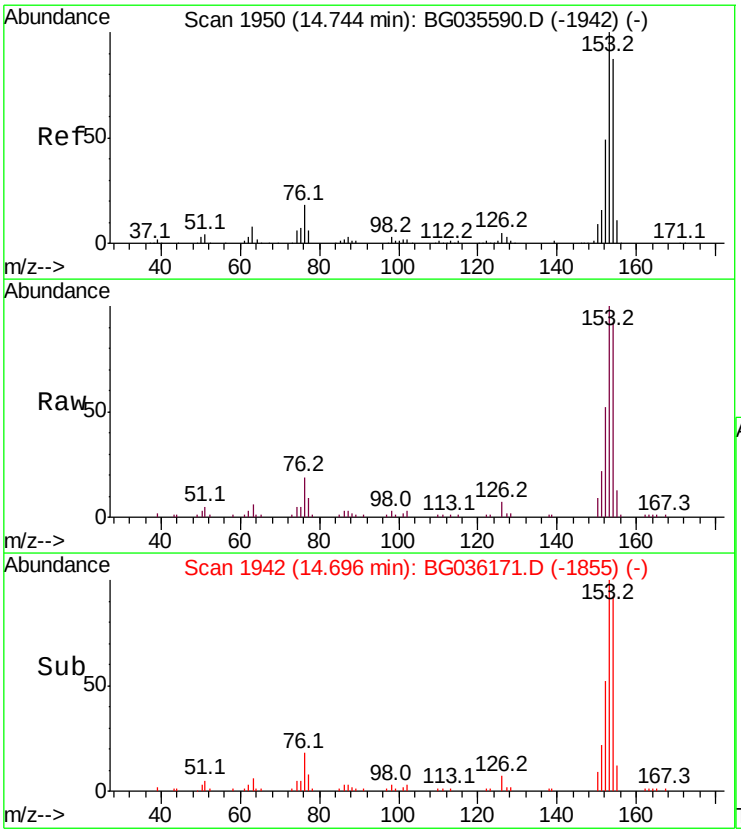
#50
2,6-Dinitrotoluene
Concen: 7.436 ng
RT: 14.63 min Scan# 1931
Delta R.T. 0.40 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10000

Ion	Ratio	Lower	Upper
165	100		
63	2.5	52.7	79.1#
89	3.6	49.2	73.8#

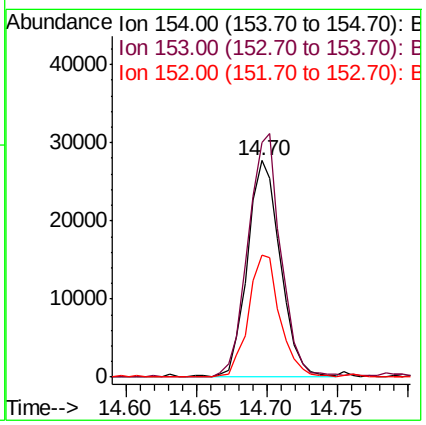


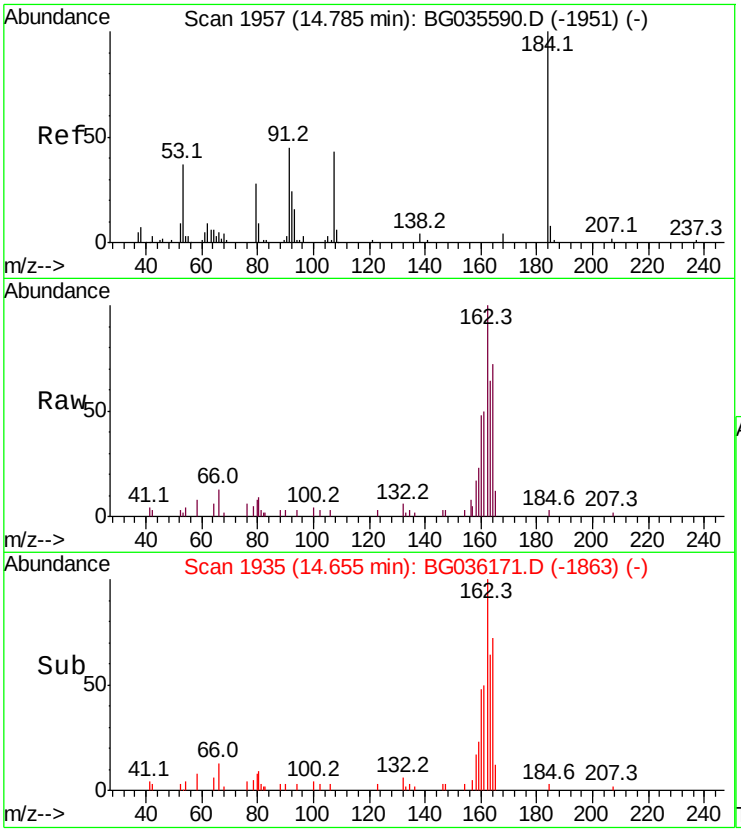


#51
Acenaphthene
Concen: 9.614 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion:154 Resp: 45601

Ion	Ratio	Lower	Upper
154	100		
153	108.4	90.4	135.6
152	56.5	41.6	62.4



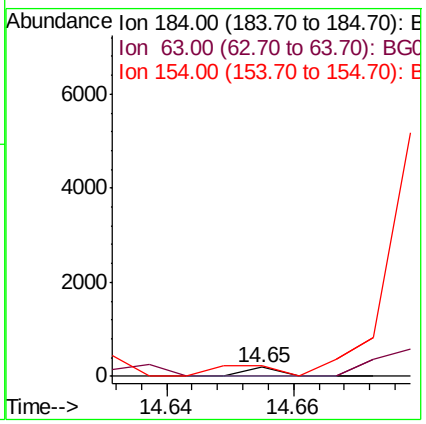


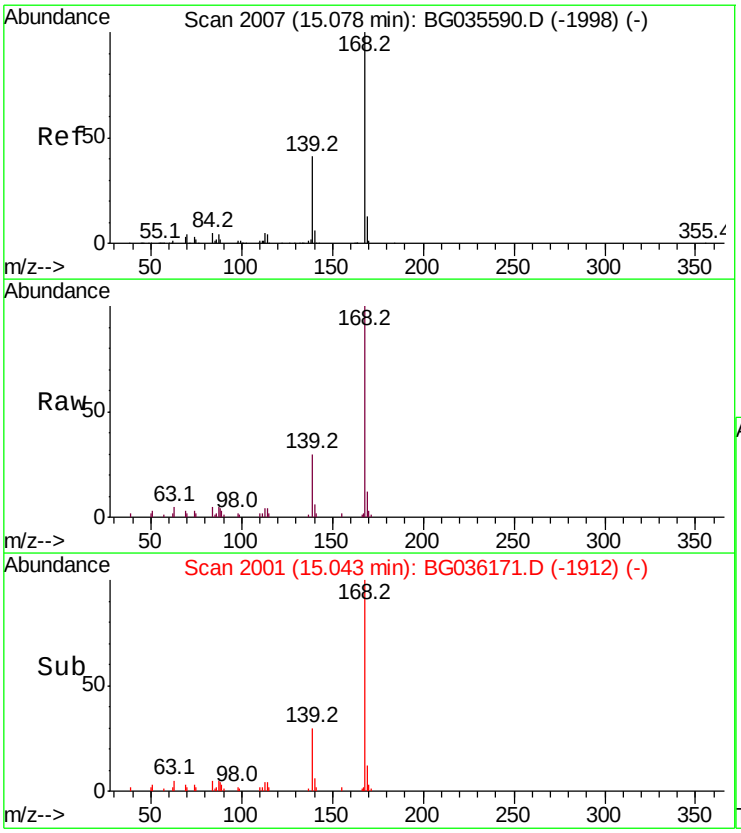
#53
2,4-Dinitrophenol
Concen: 6.674 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.11 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 69

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	122.4	101.8	152.8

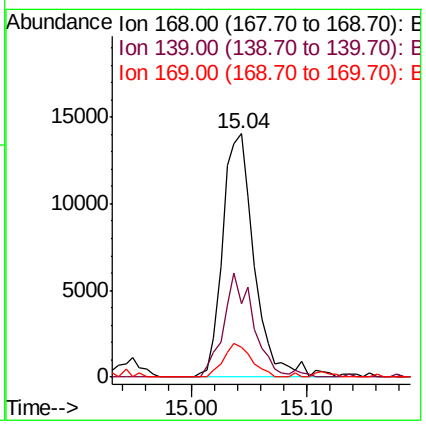


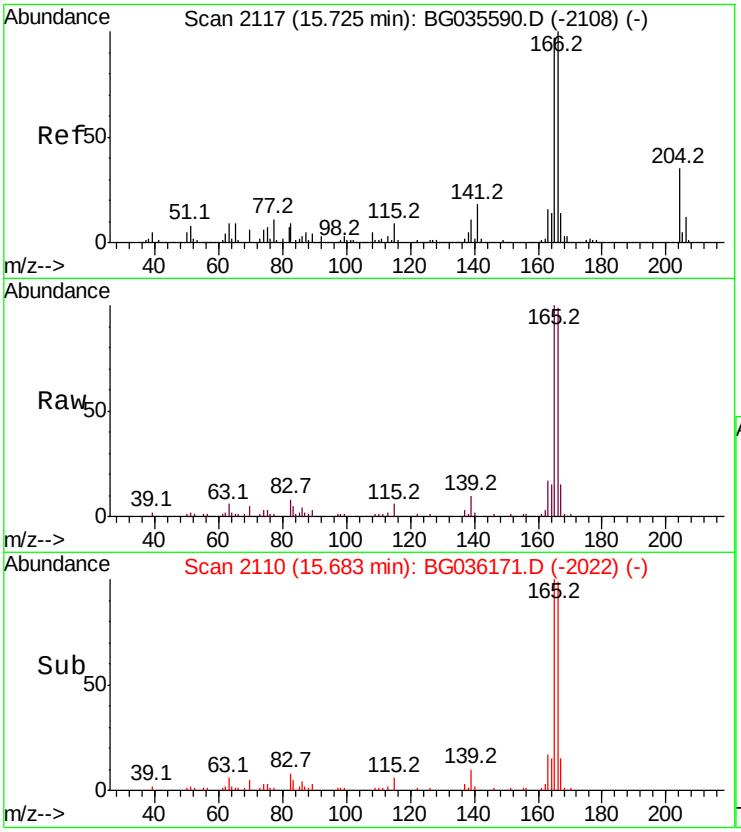


#54
Dibenzofuran
Concen: 3.530 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion:168 Resp: 26631

Ion	Ratio	Lower	Upper
168	100		
139	30.0	28.6	43.0
169	12.4	11.2	16.8



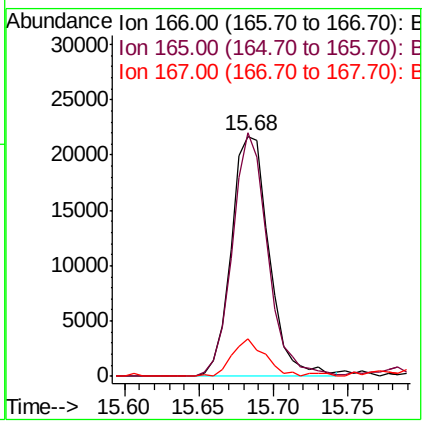


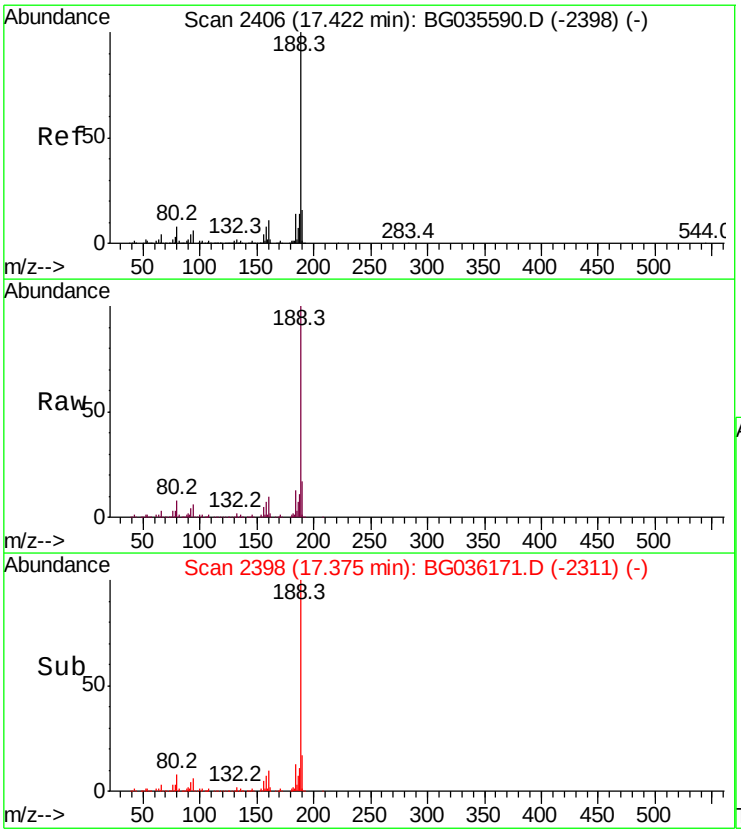
#57
Fluorene
Concen: 6.063 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 38331

Ion	Ratio	Lower	Upper
166	100		
165	101.3	80.6	121.0
167	15.5	10.4	15.6

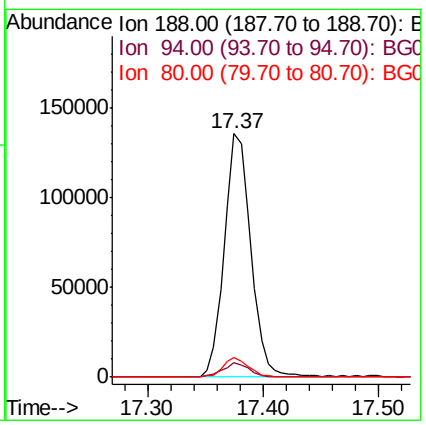


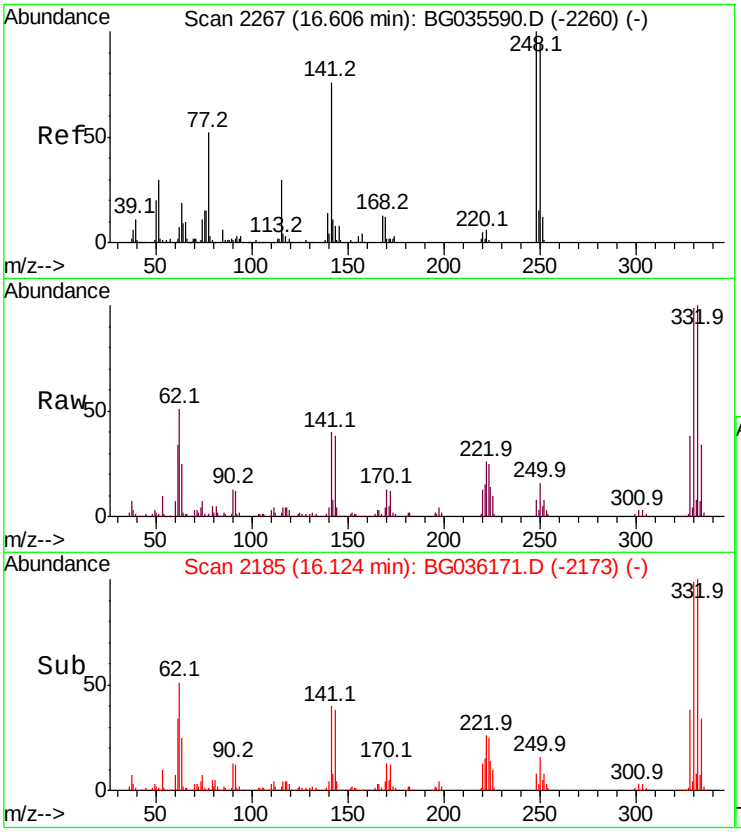


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion:188 Resp: 216584

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	8.0	7.7	11.5



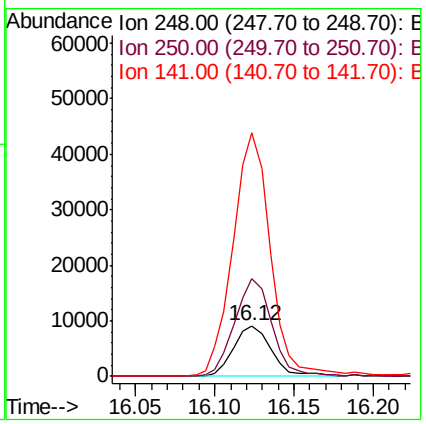


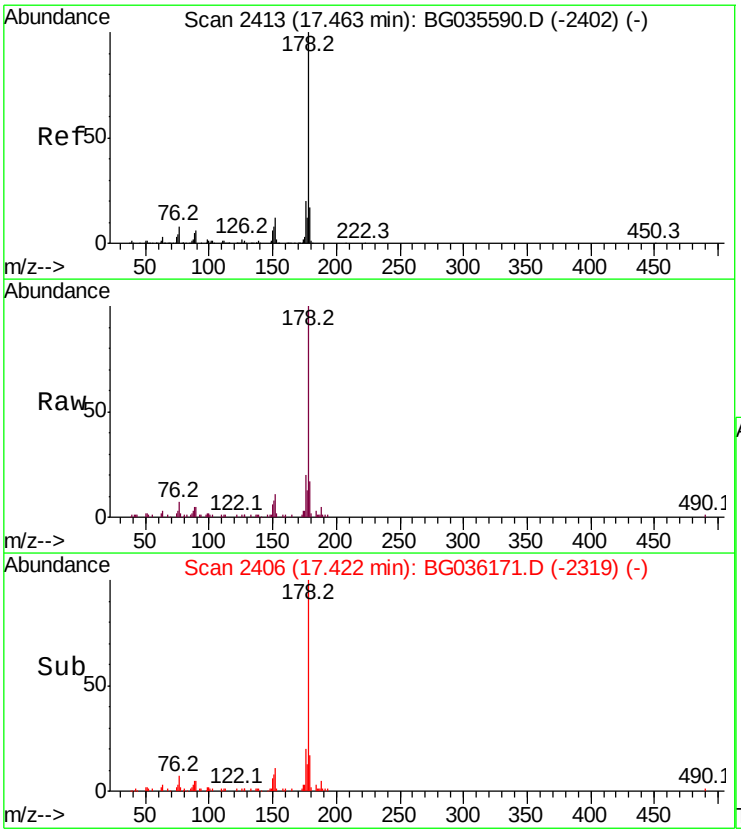
#66
4-Bromophenyl-phenylether
Concen: 6.063 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15236

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.1	115.7#
141	478.1	50.8	76.2#

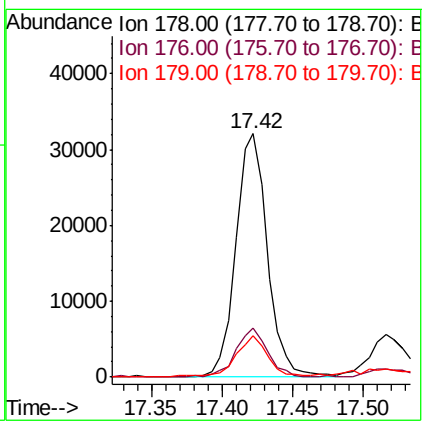


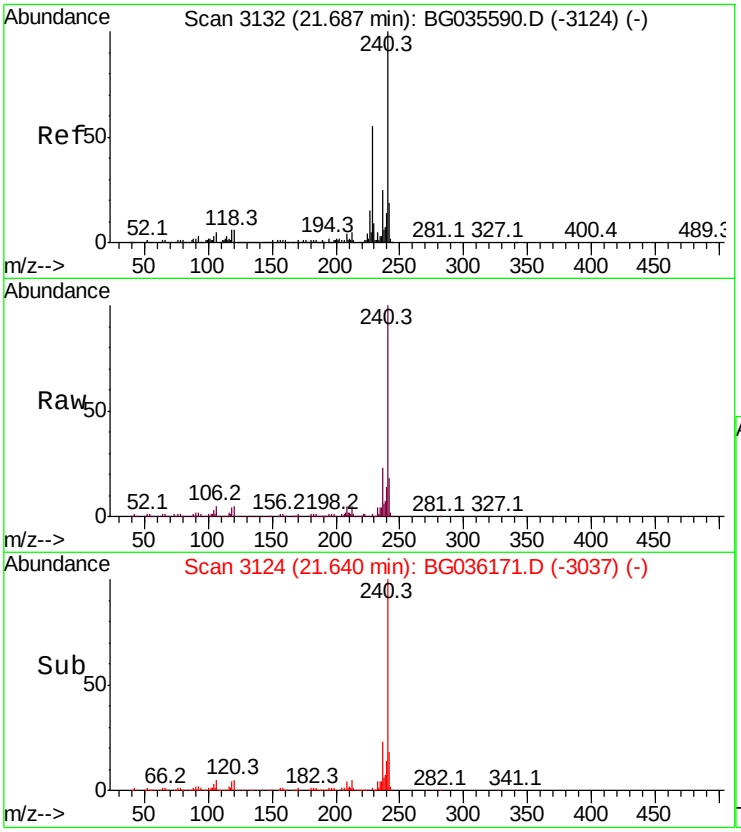


#70
Phenanthrene
Concen: 4.619 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion:178 Resp: 49921

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	17.2	12.5	18.7



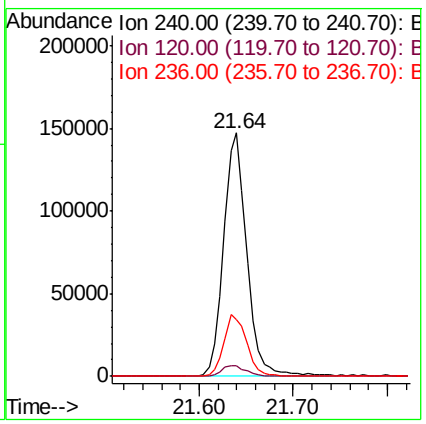


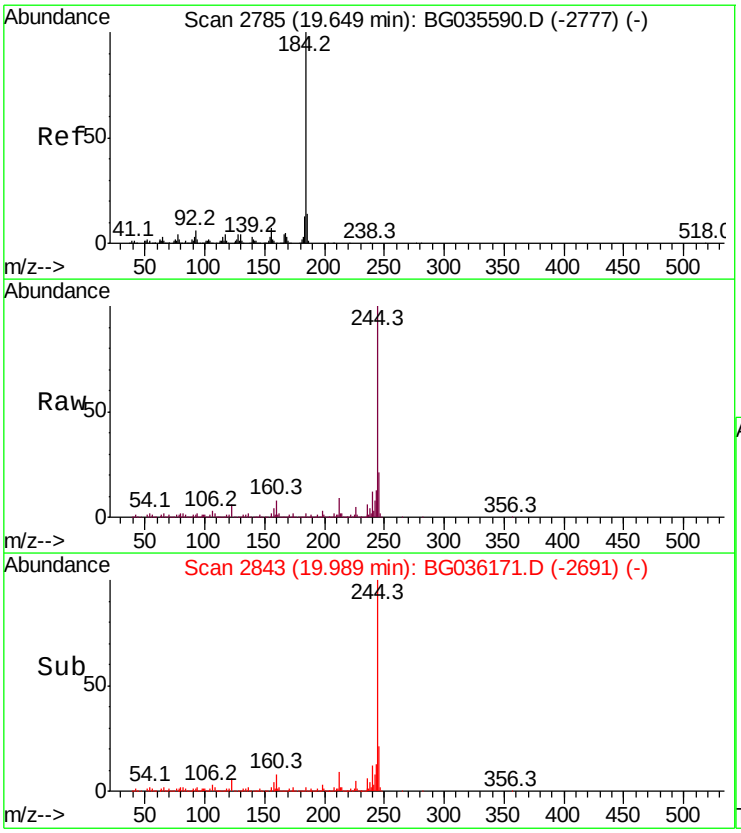
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 252120

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	23.1	20.9	31.3

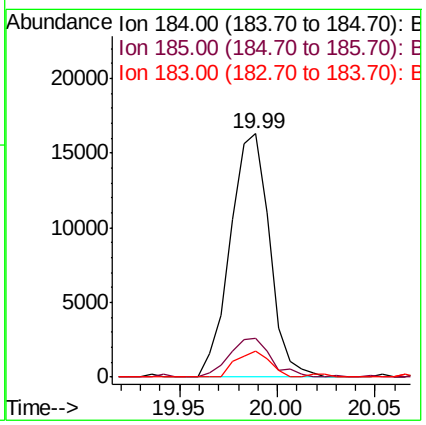


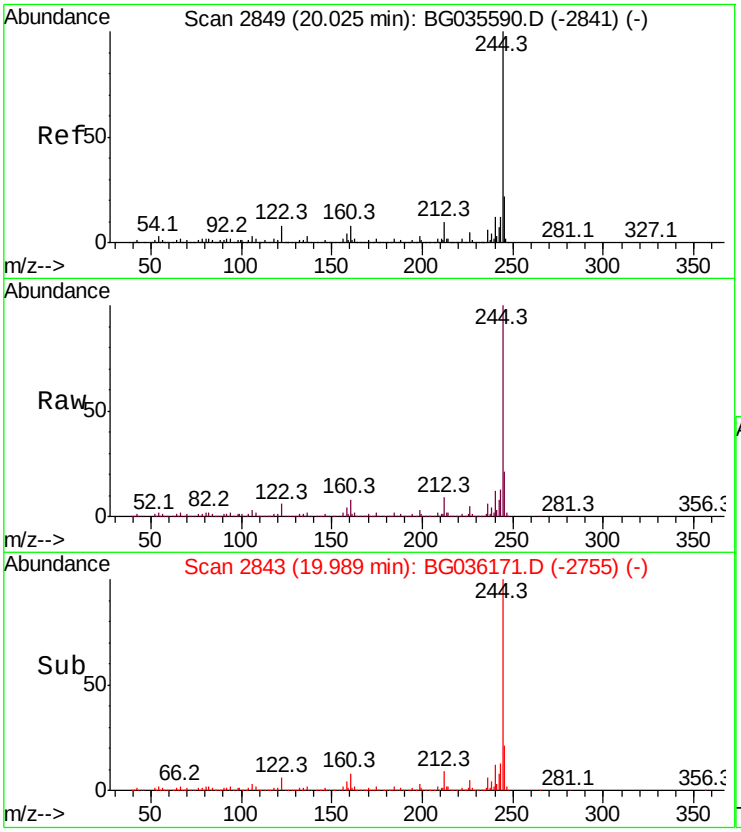


#76
Benzidine
Concen: 3.422 ng
RT: 19.99 min Scan# 2843
Delta R.T. 0.36 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion:184 Resp: 22684

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.1	16.7
183	10.9	10.6	16.0



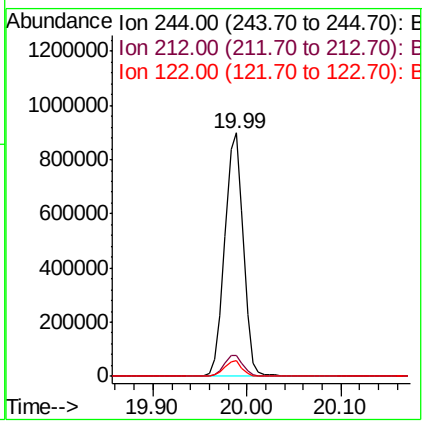


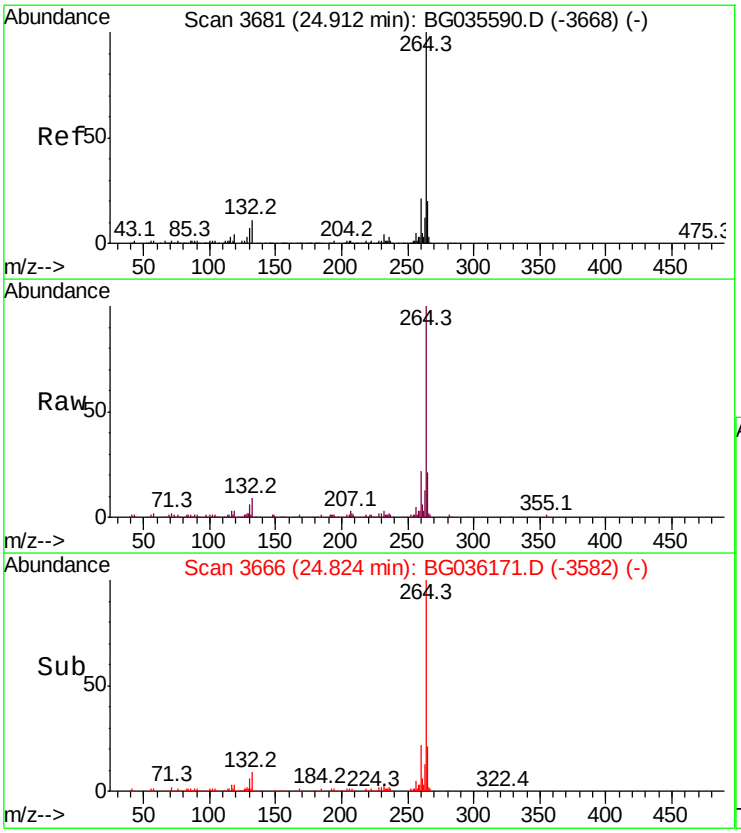
#78
Terphenyl-d14
Concen: 107.905 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1234183

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	6.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion:264 Resp: 241821

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	21.0	17.7	26.5