Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010318\
Data File : BG031895.D
Acq On : 3 Jan 2018 17:52
Operator : SJ/JU
Sample : I7105-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT4651

Quant Time: Jan 04 06:37:26 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	42618	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	177682	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	125372	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	367085	20.00	ng	-0.01
75) Chrysene-d12	22.48	240	435082	20.00	ng	-0.02
86) Perylene-d12	26.21	264	448549	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	305944	130.75	ng	0.00
7) Phenol-d6	7.89	99	353163	116.25	ng	0.00
23) Nitrobenzene-d5	9.98	82	254187	108.03	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	349814	182.86	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	916450	91.75	ng	0.00
78) Terphenyl-d14	20.68	244	2000013	105.02	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	11.72	128	154611	17.242	ng	99
70) Phenanthrene	18.19	178	44999	2.166	ng	97

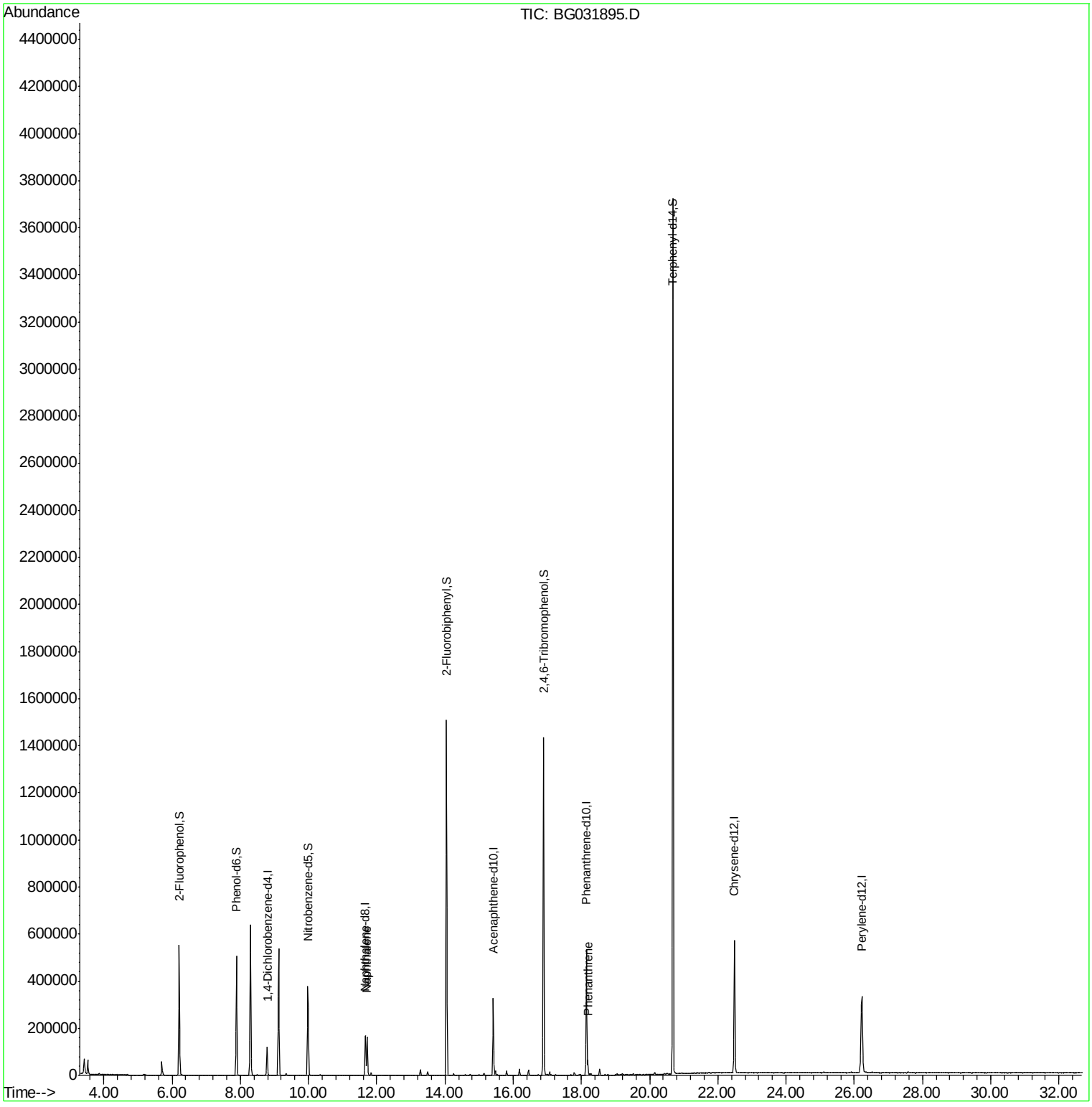
(#) = qualifier out of range (m) = manual integration (+) = signals summed

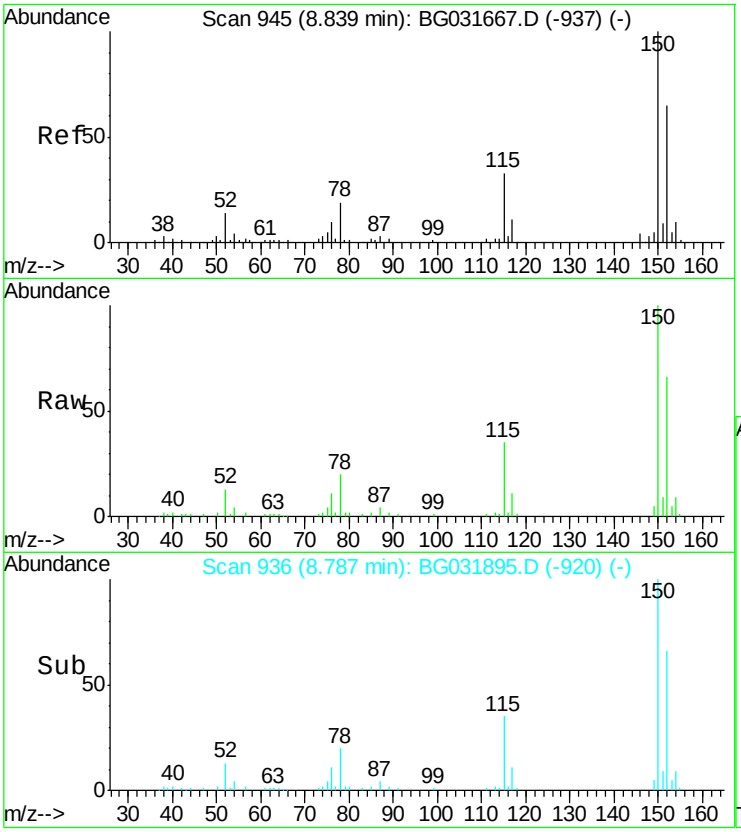
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010318\
Data File : BG031895.D
Acq On : 3 Jan 2018 17:52
Operator : SJ/JU
Sample : I7105-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT4651

Quant Time: Jan 04 06:37:26 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration



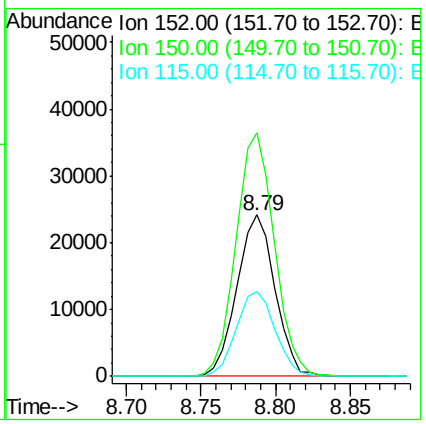


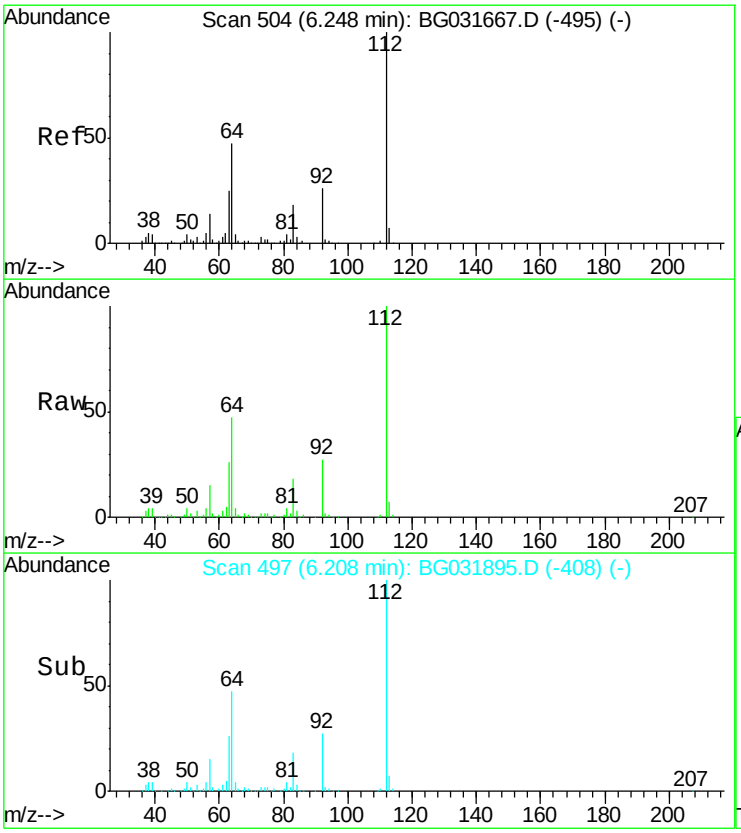
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Instrument :
BNA_G
ClientSampleId :
RT4651

Tgt Ion:152 Resp: 42618

Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.6	189.8
115	52.5	53.0	79.4#

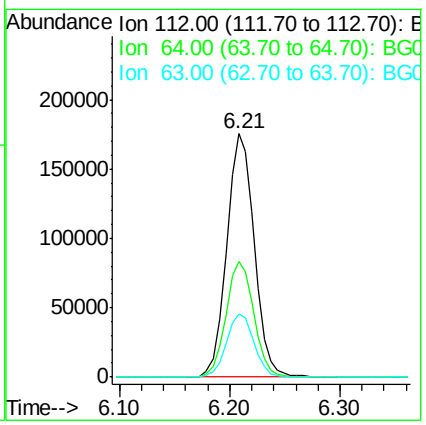


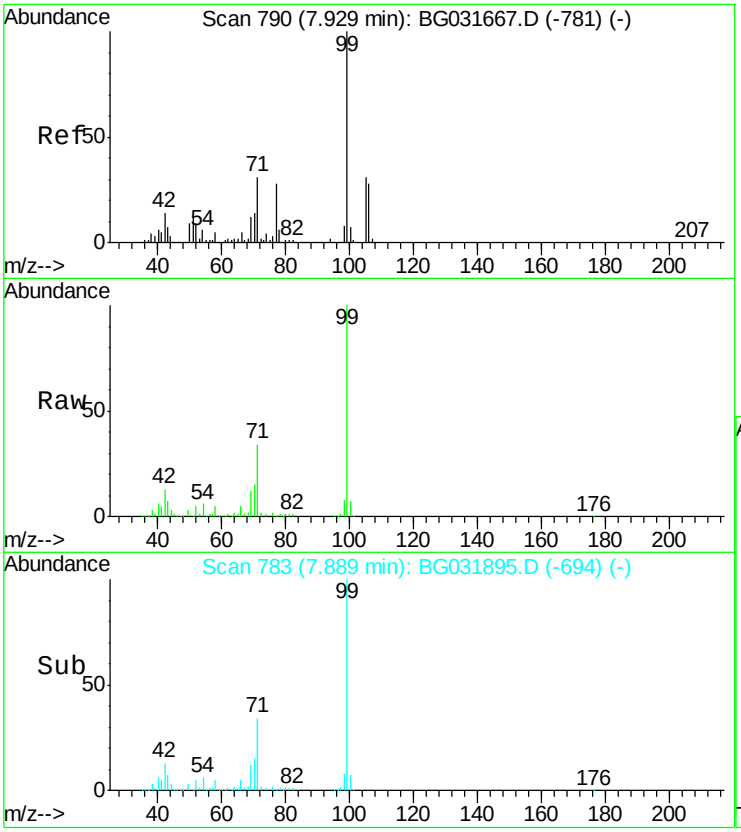


#5
2-Fluorophenol
Concen: 130.753 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Tgt Ion:112 Resp: 305944

Ion	Ratio	Lower	Upper
112	100		
64	47.3	56.3	84.5#
63	25.7	30.1	45.1#



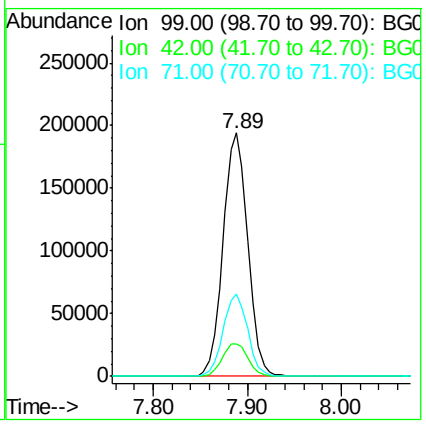


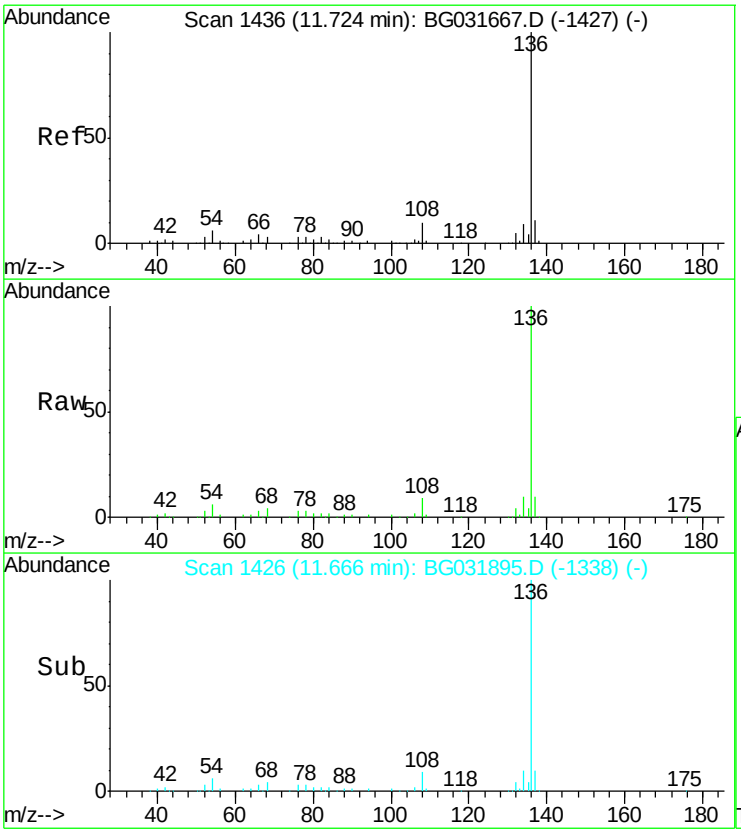
#7
Phenol-d6
Concen: 116.252 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Instrument :
BNA_G
ClientSampleId :
RT4651

Tgt Ion: 99 Resp: 353163

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	34.1	26.1	39.1

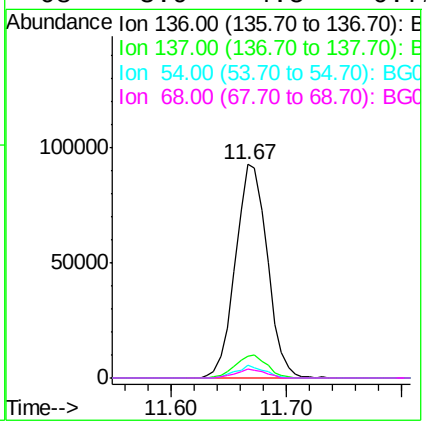


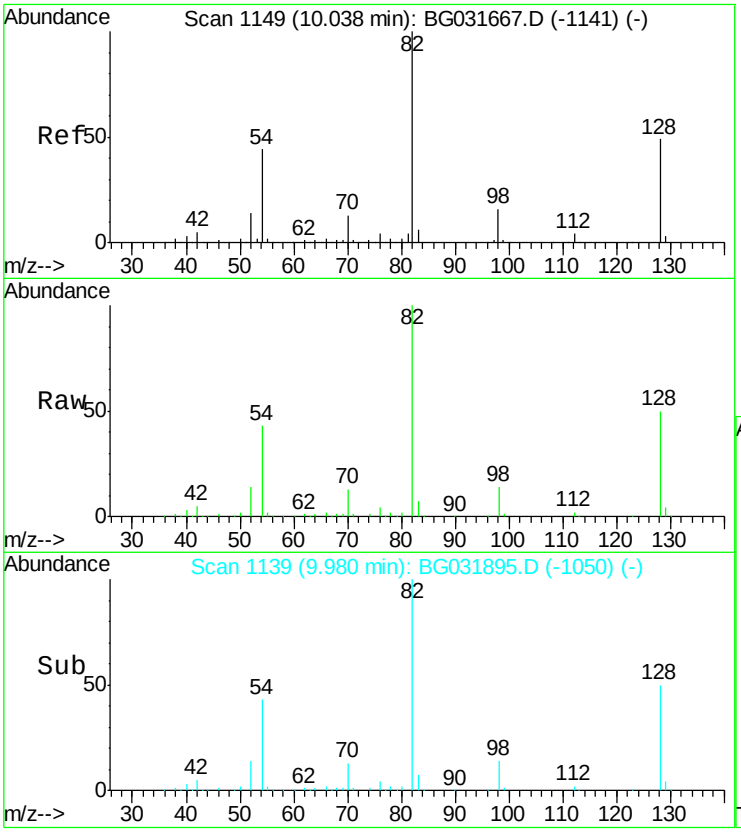


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Tgt Ion:136 Resp: 177682

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	5.7	10.3	15.5#
68	3.9	4.5	6.7#



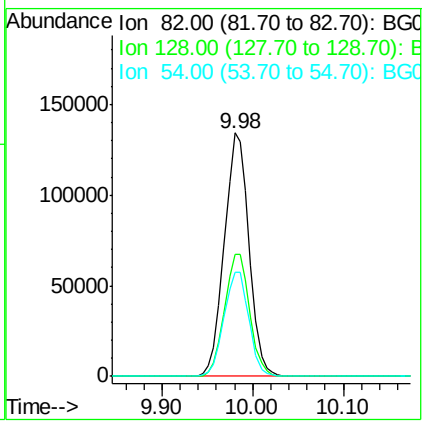


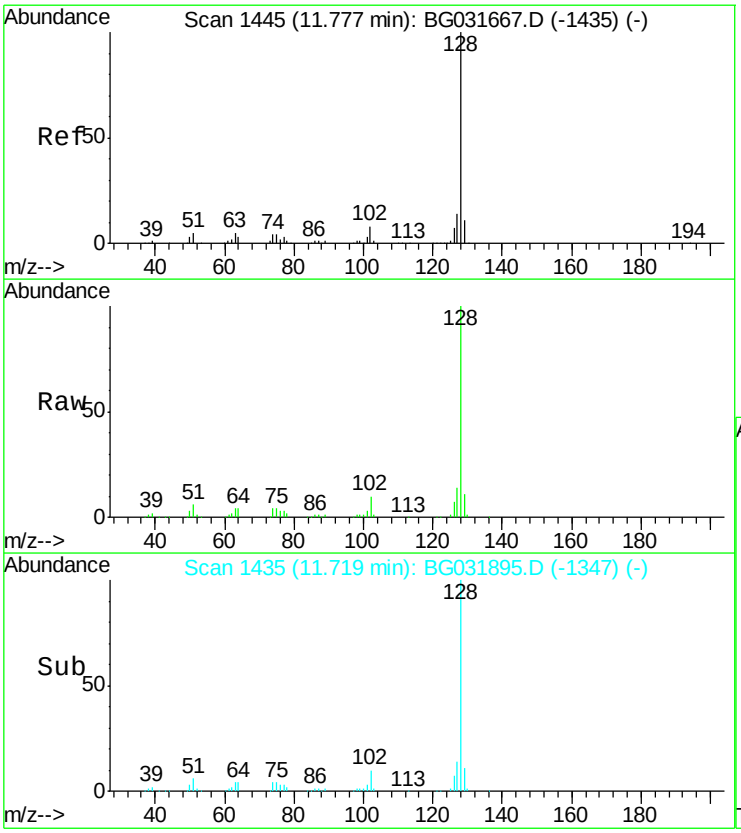
#23
Nitrobenzene-d5
Concen: 108.026 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Instrument :
BNA_G
ClientSampleId :
RT4651

Tgt Ion: 82 Resp: 254187

Ion	Ratio	Lower	Upper
82	100		
128	50.1	29.7	44.5#
54	42.5	43.1	64.7#

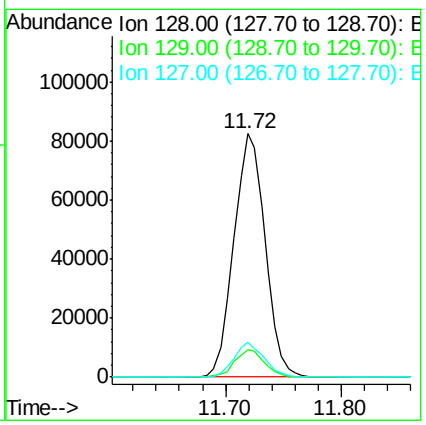


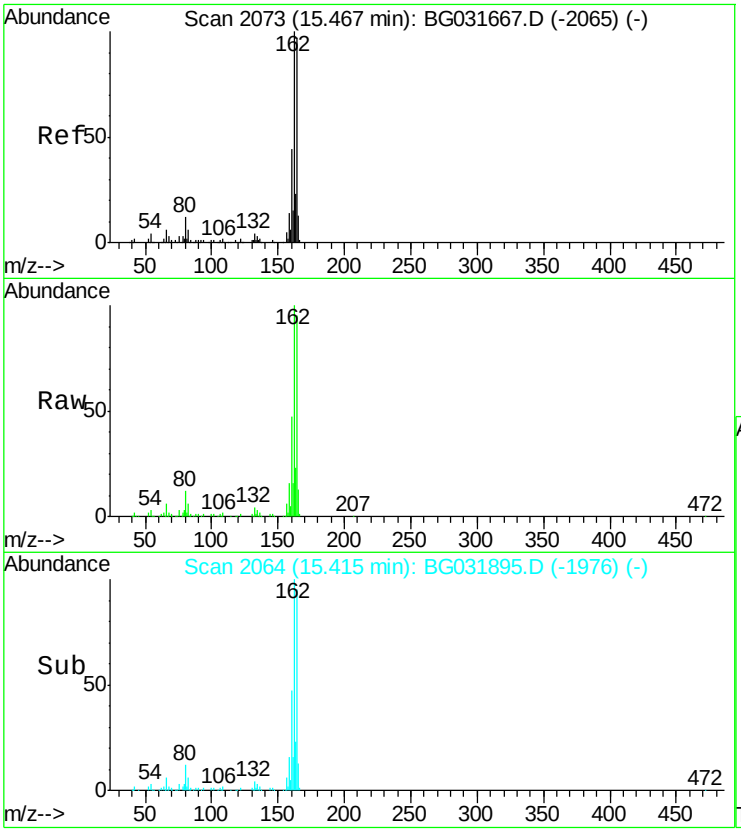


#31
Naphthalene
Concen: 17.242 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Tgt Ion:128 Resp: 154611

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.3	11.6	17.4



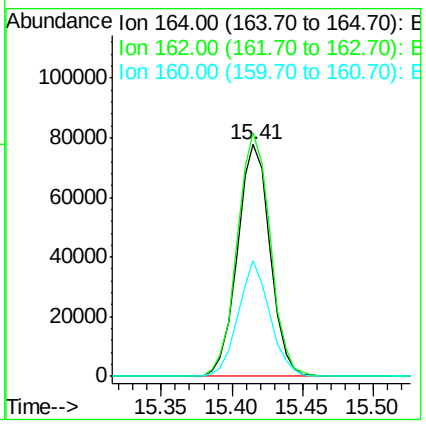


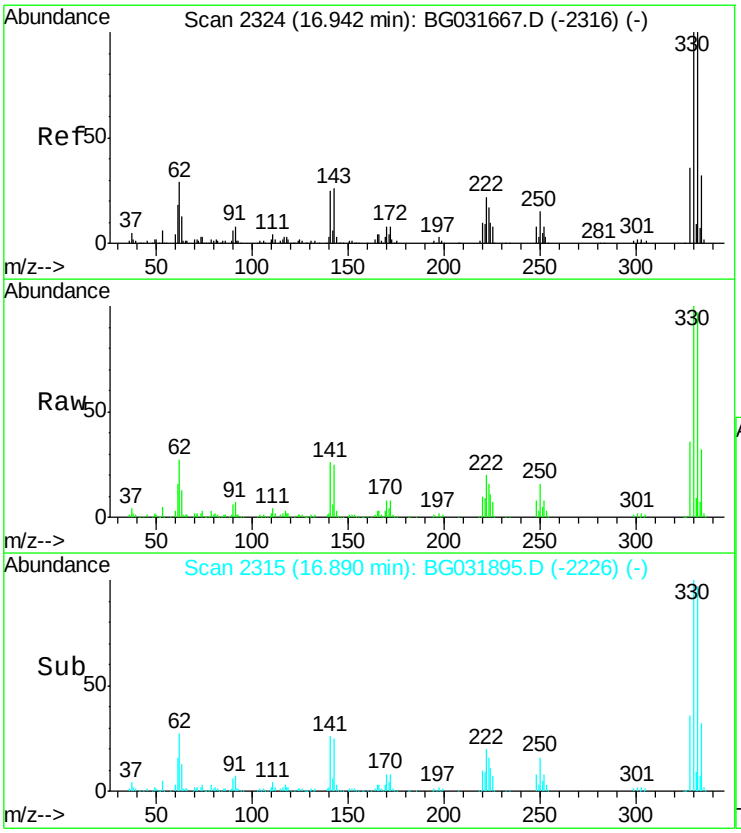
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Instrument :
BNA_G
ClientSampleId :
RT4651

Tgt Ion:164 Resp: 125372

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	49.7	35.4	53.0

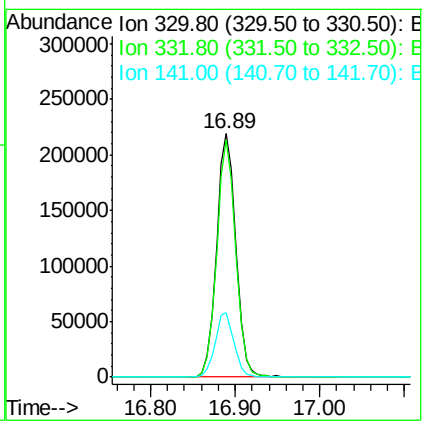


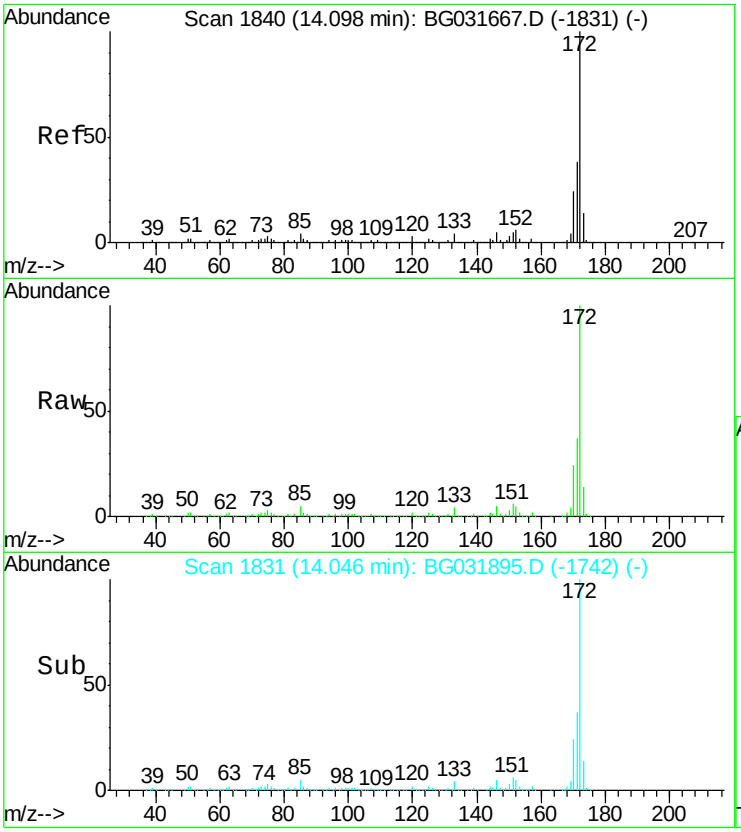


#41
2,4,6-Tribromophenol
Concen: 182.861 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Tgt Ion:330 Resp: 349814

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	26.1	25.2	37.8



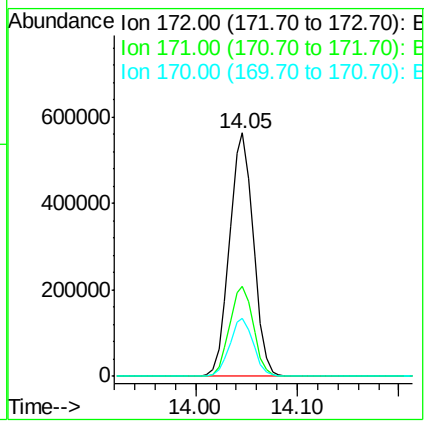


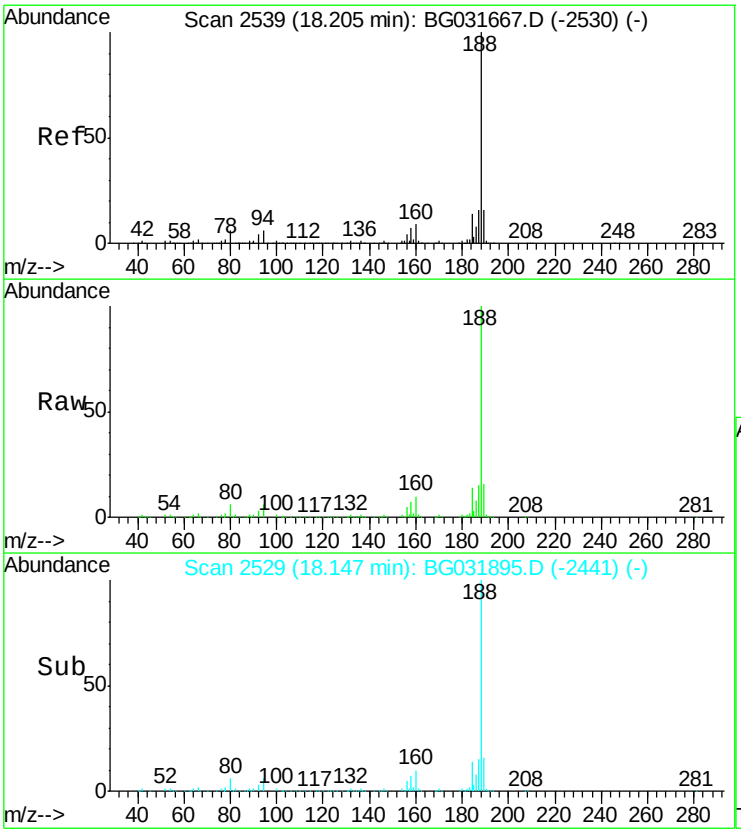
#44
2-Fluorobiphenyl
Concen: 91.748 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Instrument :
BNA_G
ClientSampleId :
RT4651

Tgt Ion:172 Resp: 916450

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.6	19.5	29.3

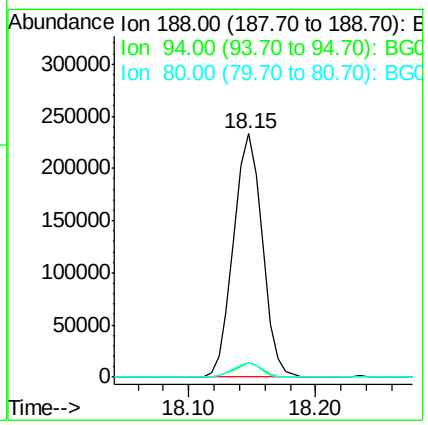


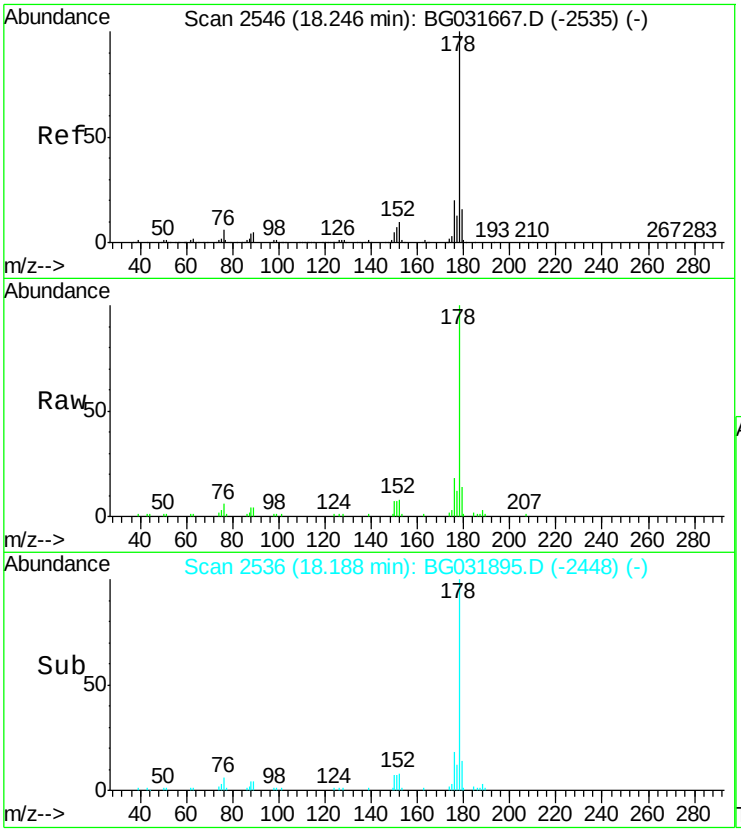


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Tgt Ion:188 Resp: 367085

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	5.8	7.7	11.5#



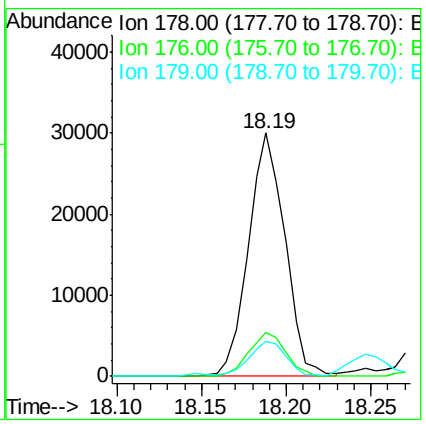


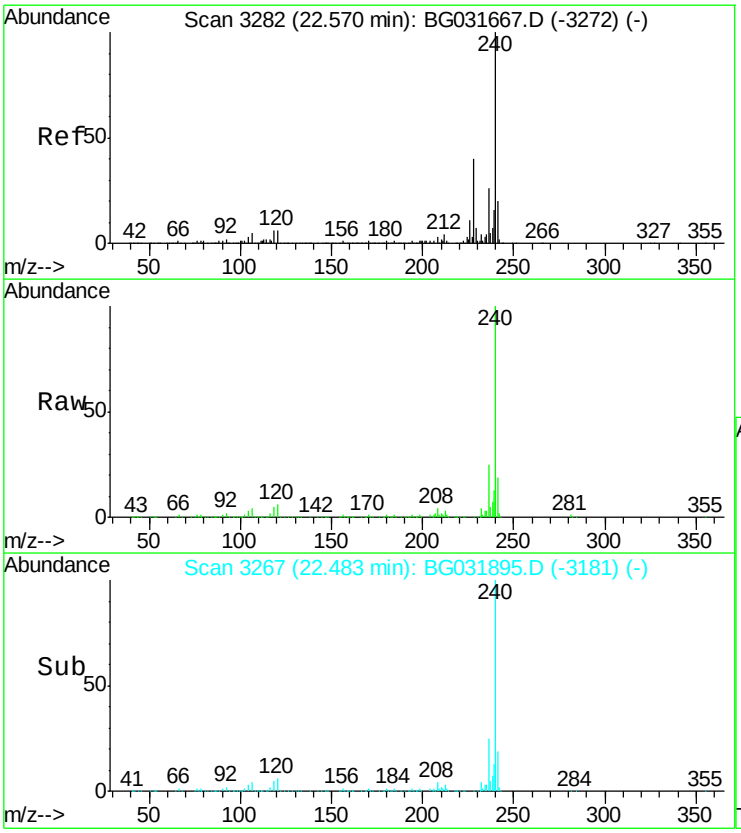
#70
Phenanthrene
Concen: 2.166 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Instrument :
BNA_G
ClientSampleId :
RT4651

Tgt Ion:178 Resp: 44999

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.7	23.5
179	14.2	12.5	18.7

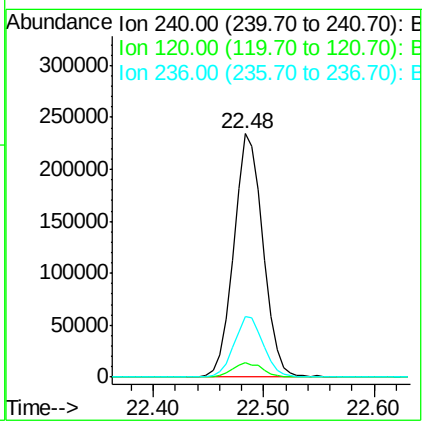


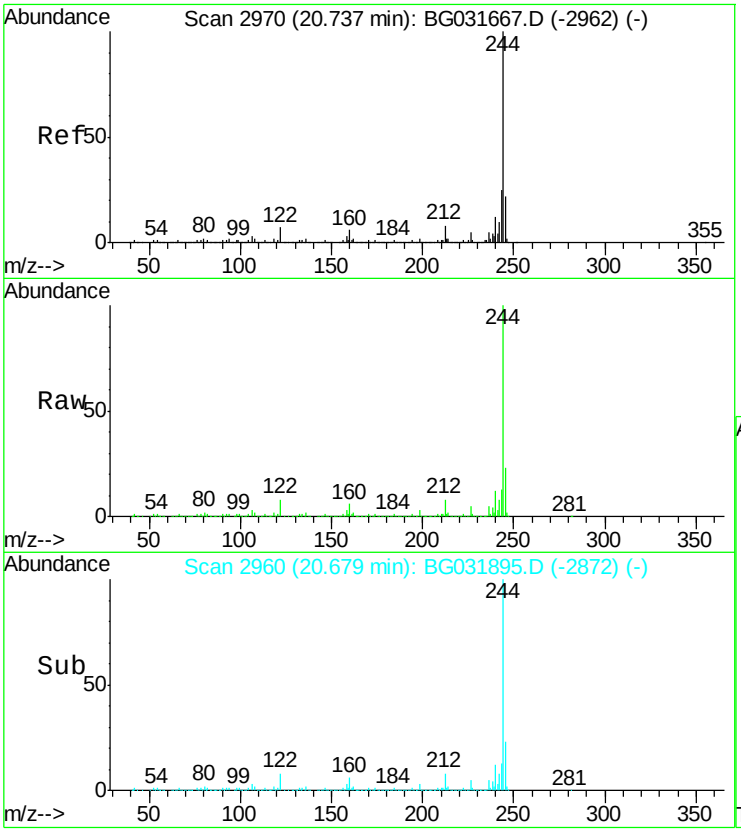


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3267
Delta R.T. -0.02 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Tgt Ion:240 Resp: 435082

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.0	20.9	31.3



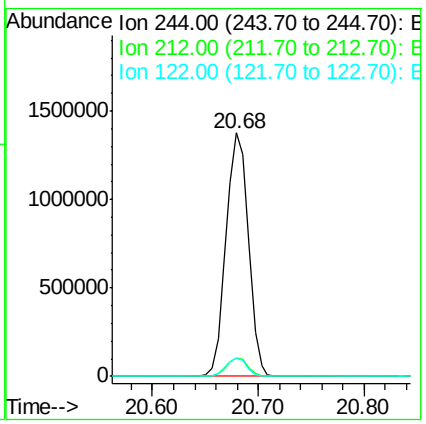


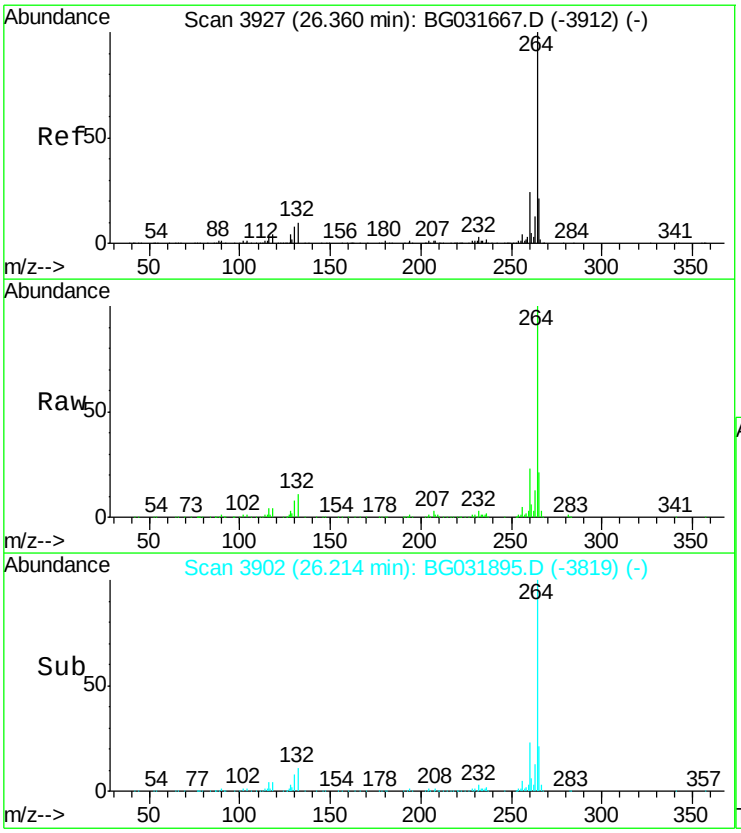
#78
Terphenyl-d14
Concen: 105.022 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Instrument :
BNA_G
ClientSampleId :
RT4651

Tgt Ion:244 Resp: 2000013

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.6	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.21 min Scan# 3902
Delta R.T. -0.04 min
Lab File: BG031895.D
Acq: 3 Jan 2018 17:52

Tgt Ion:264 Resp: 448549

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.2	17.7	26.5