Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033934.D
Acq On : 24 Apr 2018 00:27
Operator : SJ/JU
Sample : J2152-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-03-042018

Quant Time: Apr 24 04:22:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	64541	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	281385	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	189313	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	549800	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	601638	20.00	ng	-0.02
86) Perylene-d12	24.53	264	616057	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	514827	127.35	ng	0.00
7) Phenol-d6	7.00	99	616868	104.62	ng	0.00
23) Nitrobenzene-d5	8.98	82	466914	94.43	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	350065	158.50	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1121269	87.01	ng	-0.01
78) Terphenyl-d14	19.85	244	2200735	82.18	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.67	128	61652	4.261	ng	99
76) Benzidine	19.46	184	37577	2.313	ng	99

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

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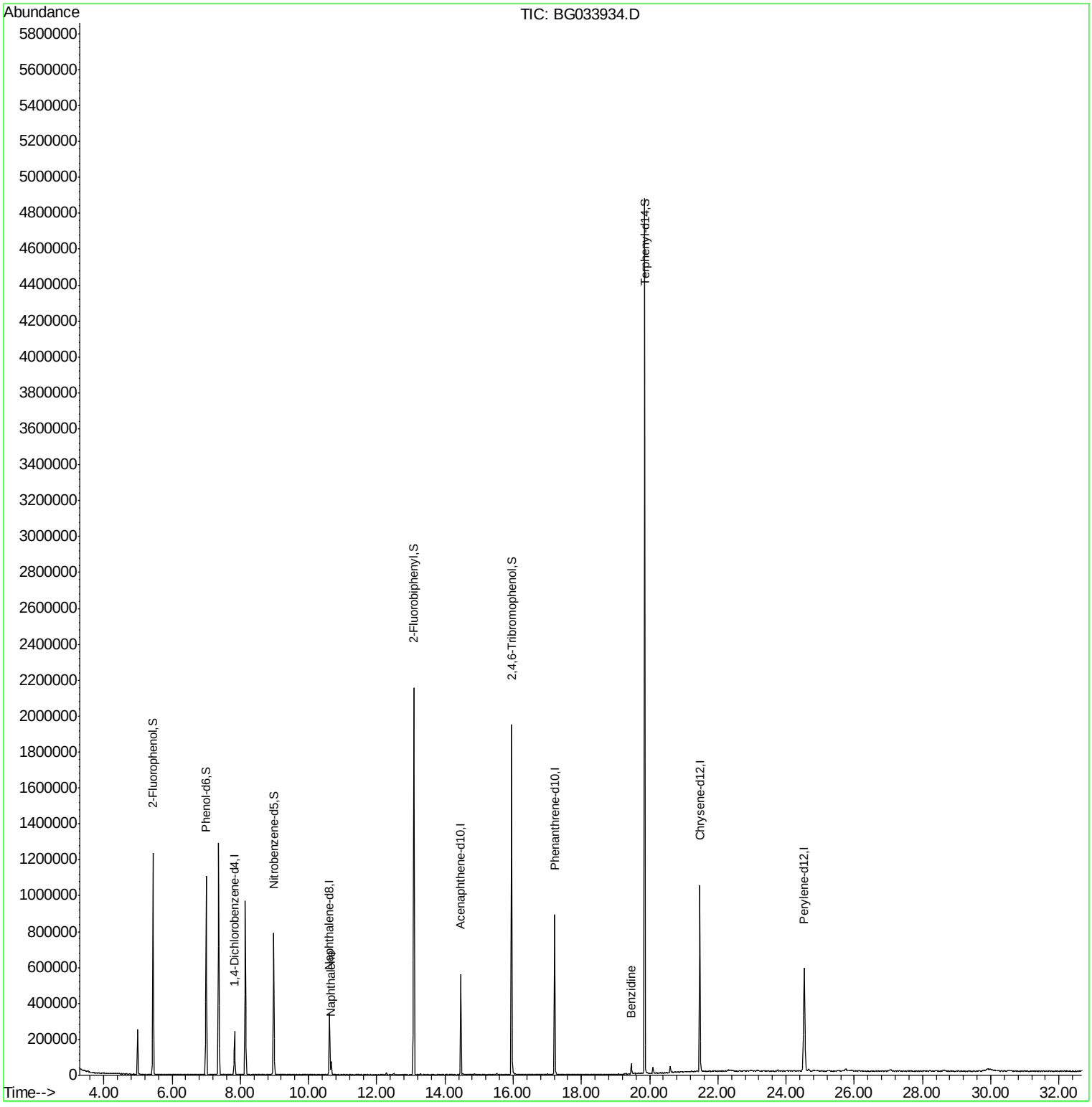
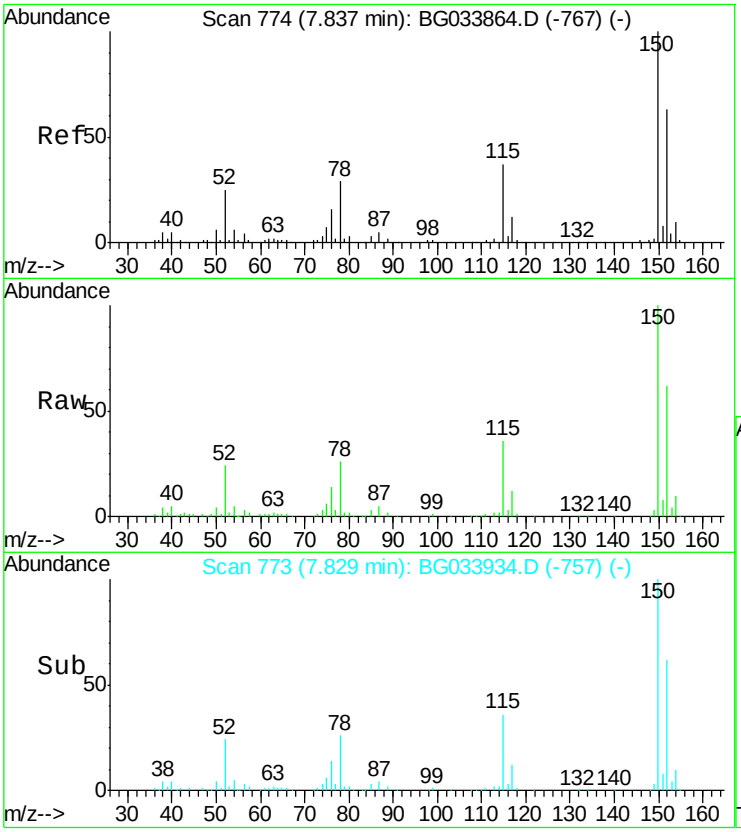


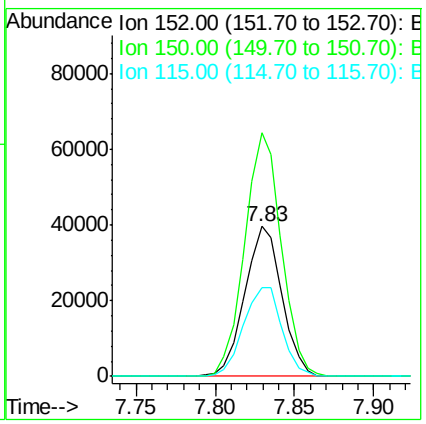


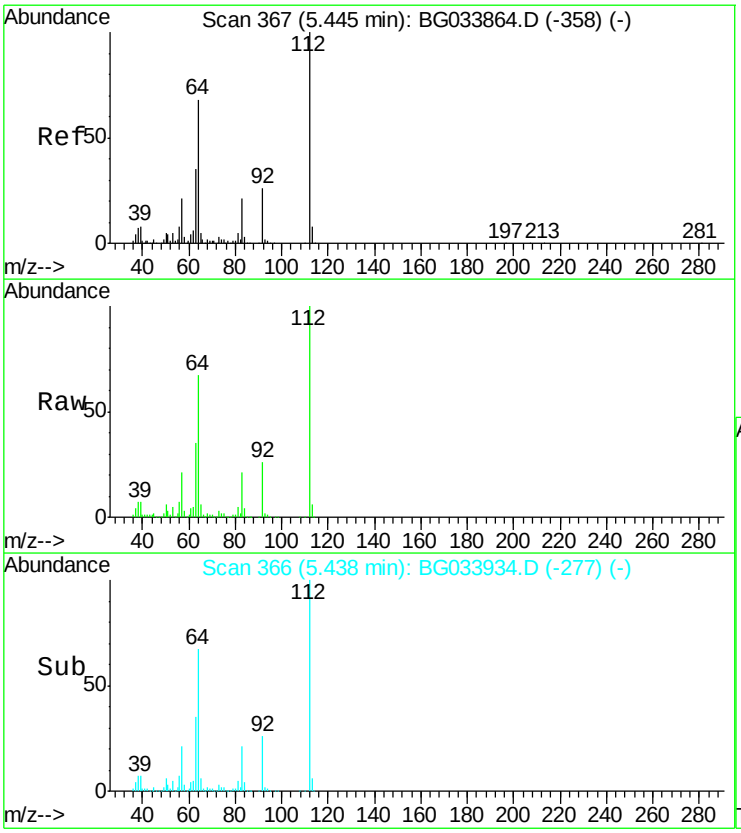
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Instrument :
BNA_G
ClientSampleId :
BU-03-042018

Tgt Ion:152 Resp: 64541

Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.6	189.8
115	59.1	53.0	79.4

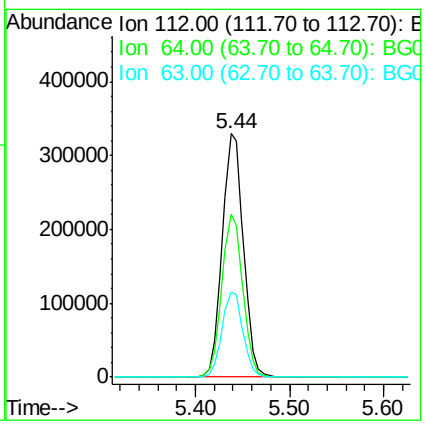


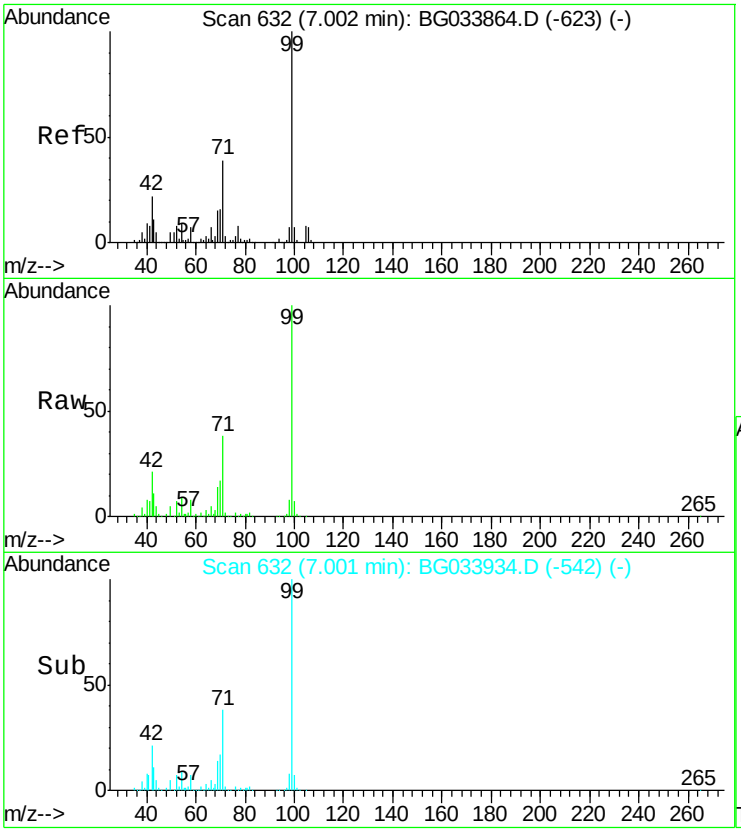


#5
2-Fluorophenol
Concen: 127.351 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Tgt Ion:112 Resp: 514827

Ion	Ratio	Lower	Upper
112	100		
64	66.7	56.3	84.5
63	34.7	30.1	45.1



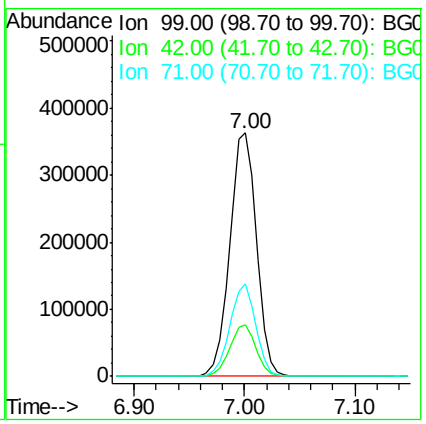


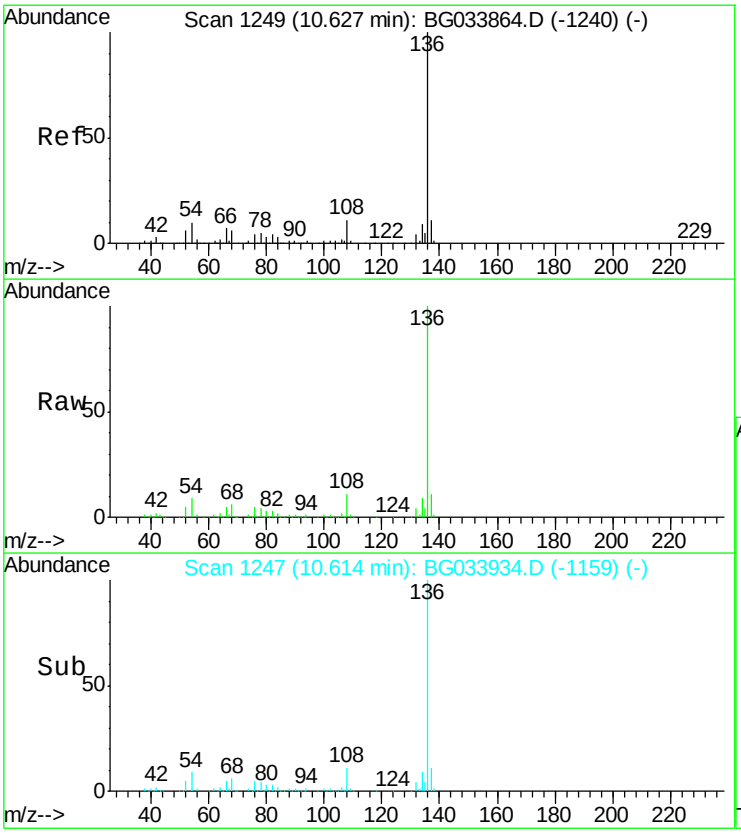
#7
Phenol-d6
Concen: 104.619 ng
RT: 7.00 min Scan# 632
Delta R.T. -0.00 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Instrument :
BNA_G
ClientSampleId :
BU-03-042018

Tgt Ion: 99 Resp: 616868

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.1	21.1
71	38.1	26.1	39.1

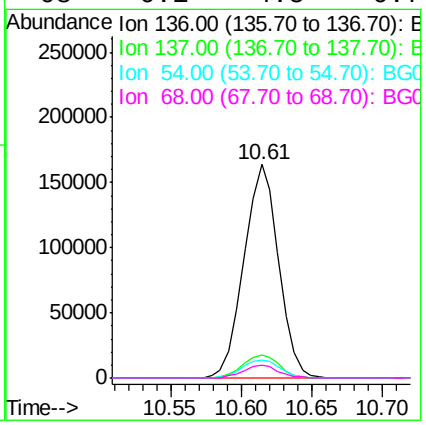


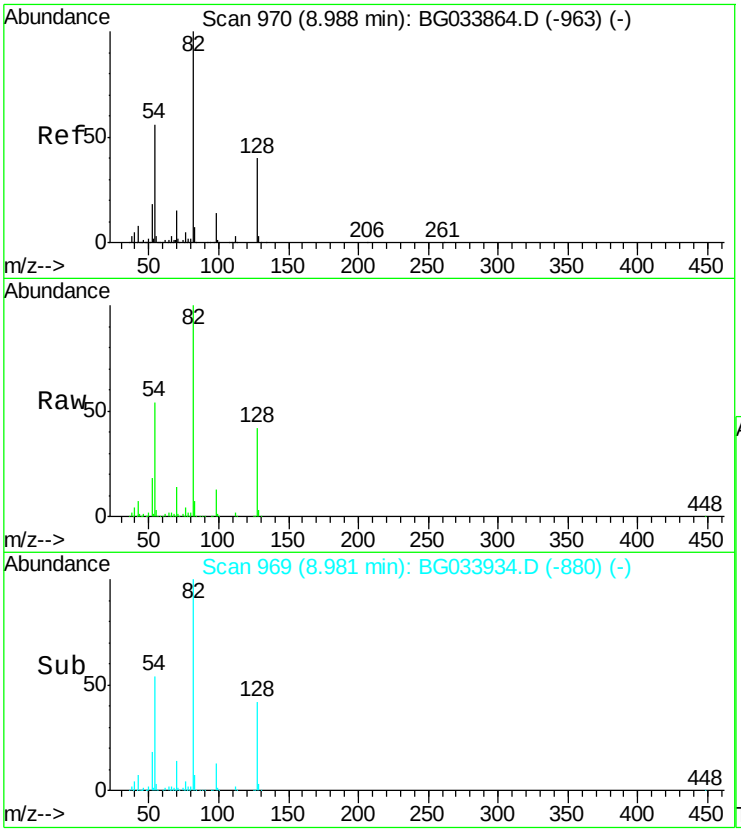


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Tgt Ion:136 Resp: 281385

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.6	10.3	15.5#
68	6.1	4.5	6.7



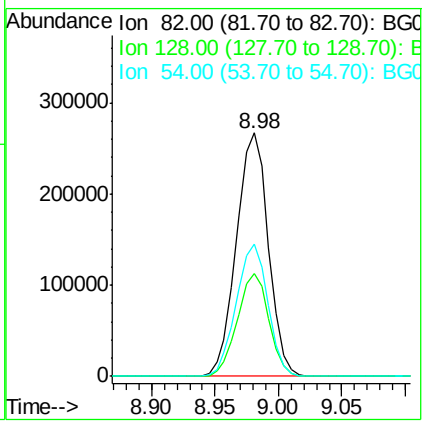


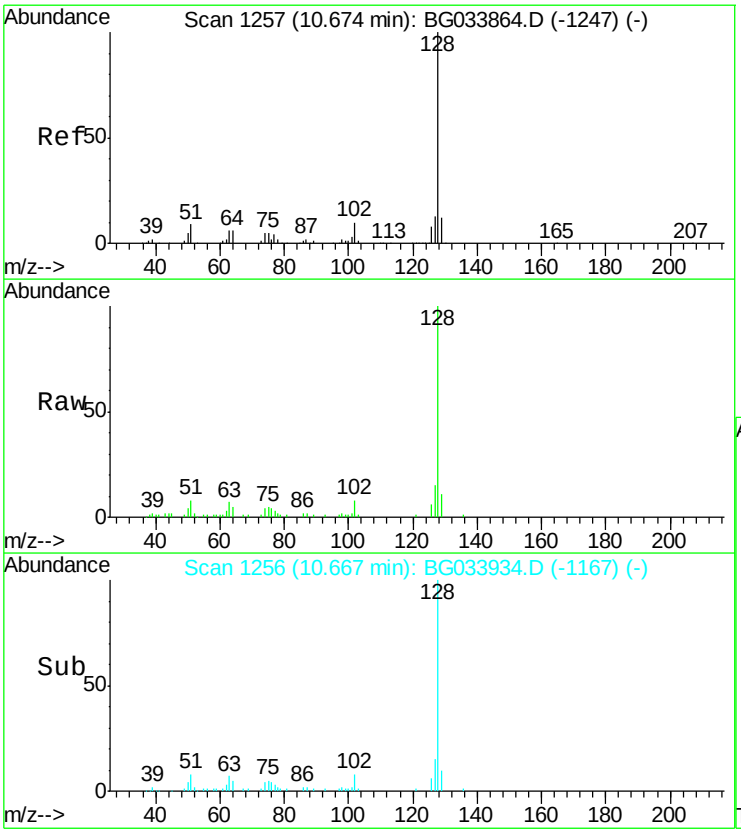
#23
Nitrobenzene-d5
Concen: 94.433 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Instrument :
BNA_G
ClientSampleId :
BU-03-042018

Tgt Ion: 82 Resp: 466914

Ion	Ratio	Lower	Upper
82	100		
128	42.4	29.7	44.5
54	54.3	43.1	64.7

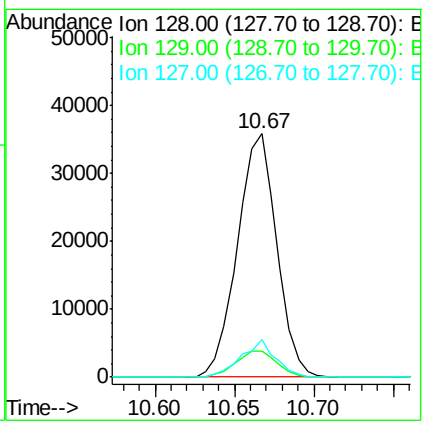


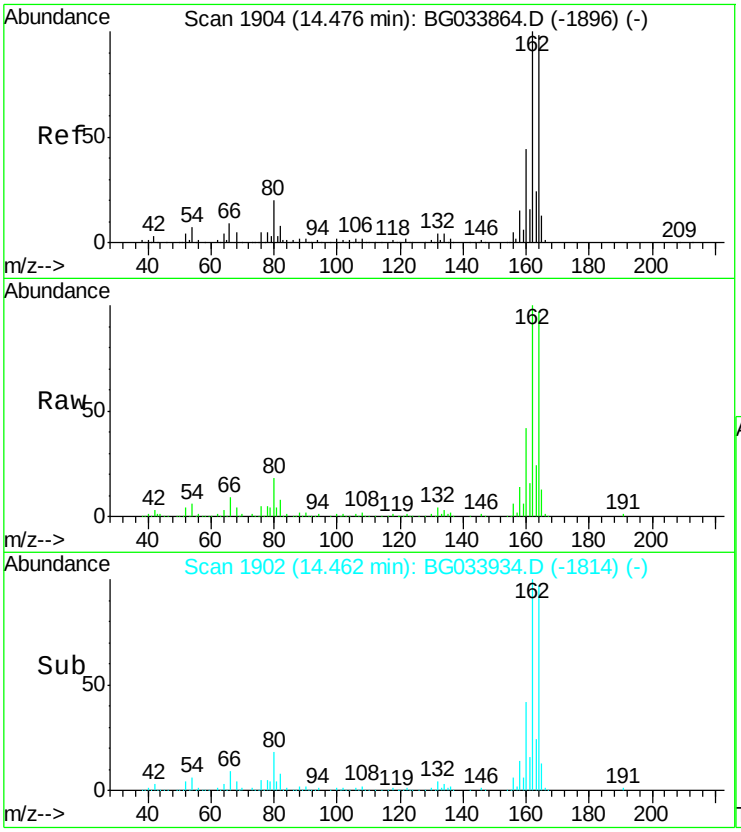


#31
Naphthalene
Concen: 4.261 ng
RT: 10.67 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Tgt Ion:128 Resp: 61652

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	15.2	11.6	17.4



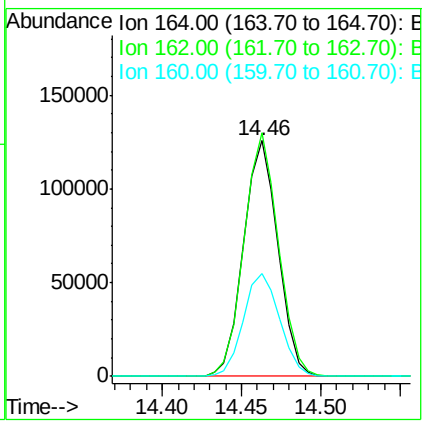


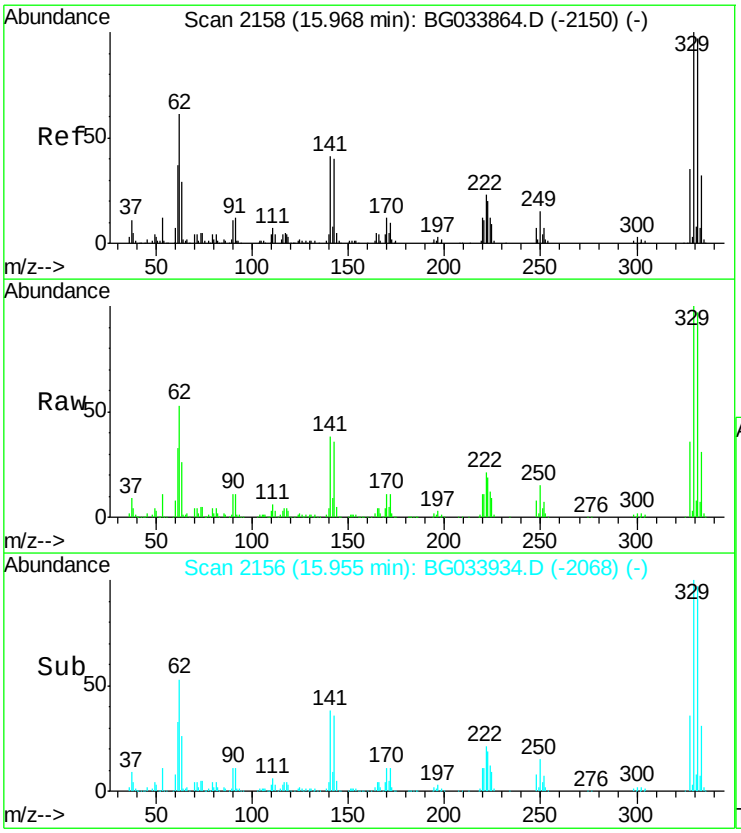
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Instrument :
BNA_G
ClientSampleId :
BU-03-042018

Tgt Ion:164 Resp: 189313

Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	43.4	35.4	53.0

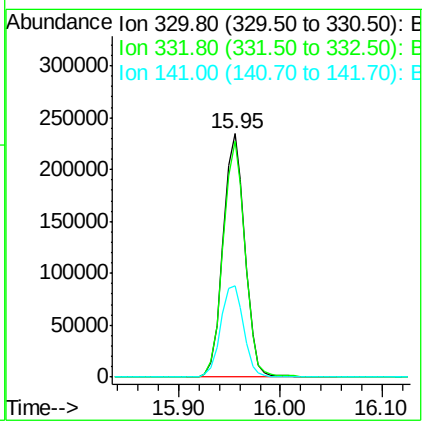


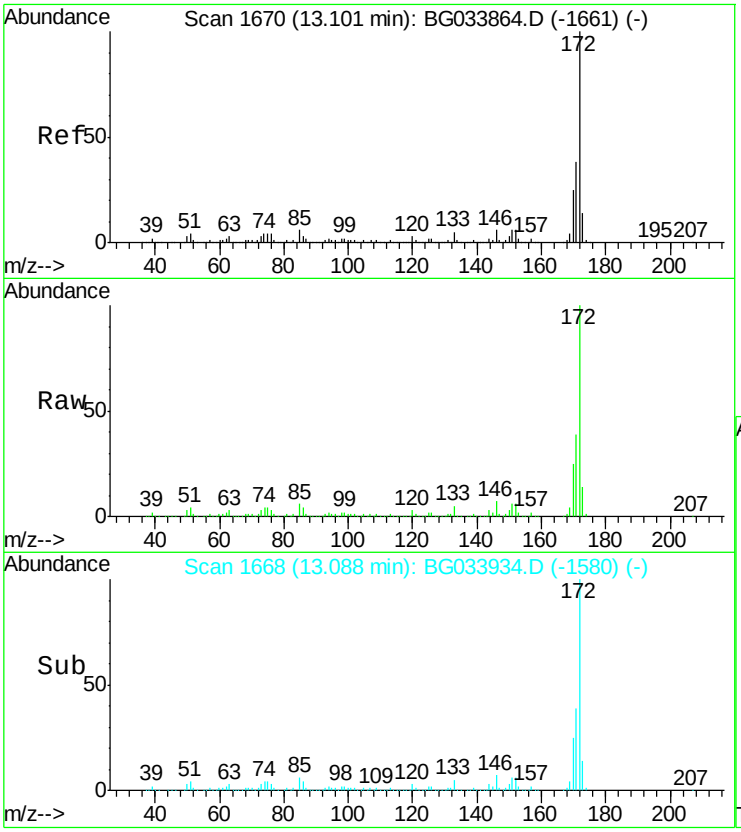


#41
2,4,6-Tribromophenol
Concen: 158.498 ng
RT: 15.95 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Tgt Ion:330 Resp: 350065

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	39.8	25.2	37.8#



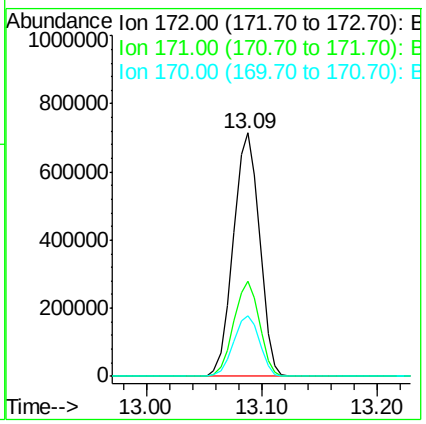


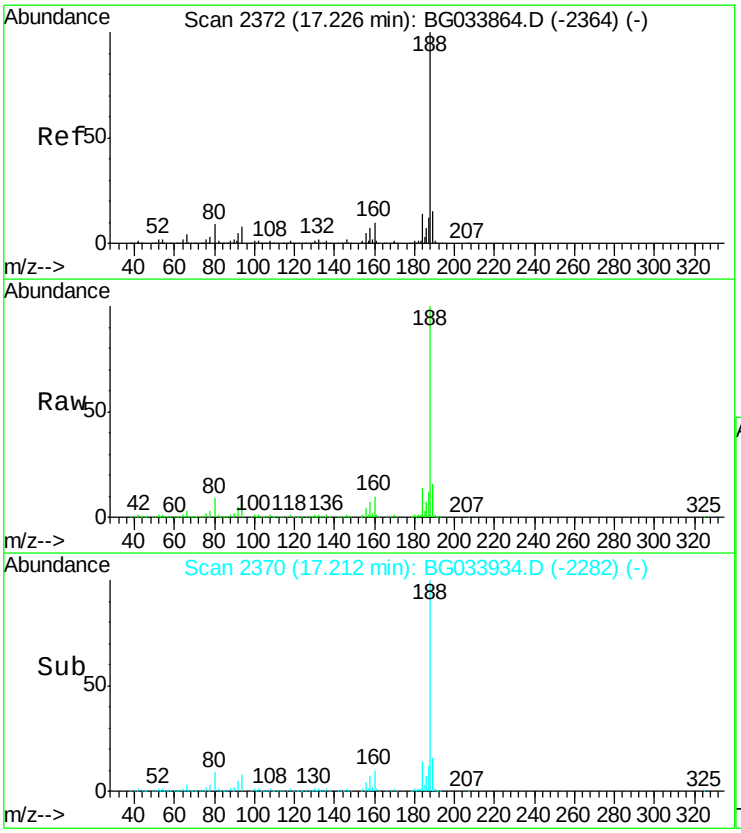
#44
2-Fluorobiphenyl
Concen: 87.008 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Instrument :
BNA_G
ClientSampleId :
BU-03-042018

Tgt Ion:172 Resp: 1121269

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	25.0	19.5	29.3

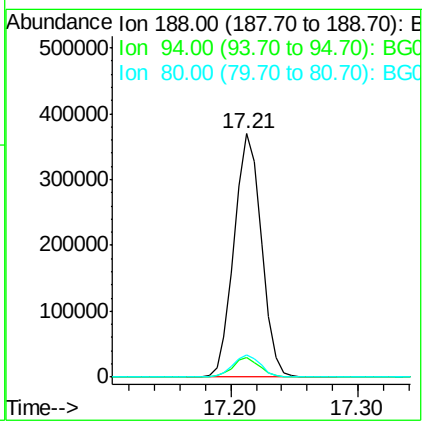


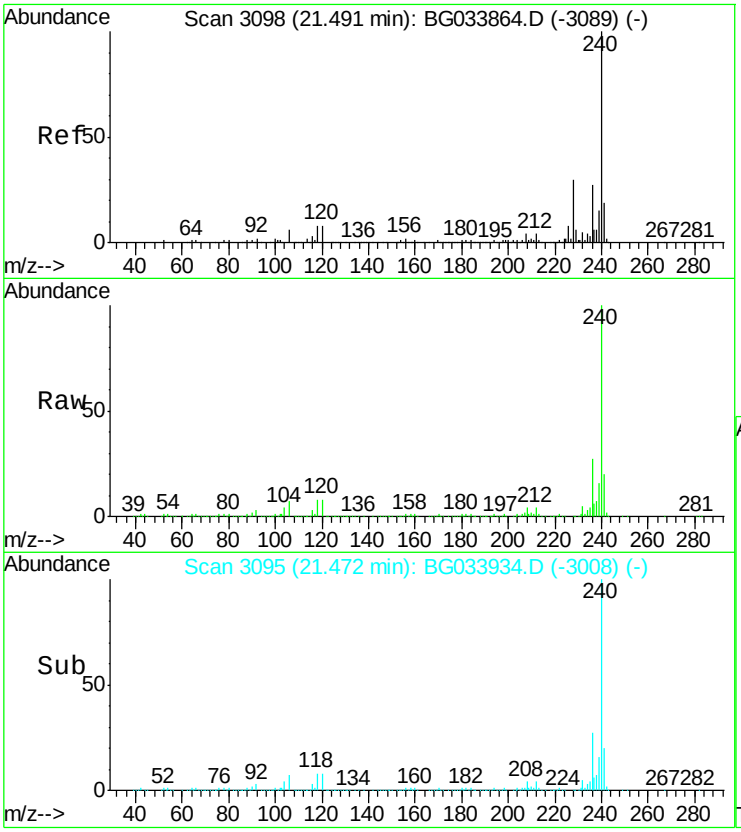


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Tgt Ion:188 Resp: 549800

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.1	7.7	11.5



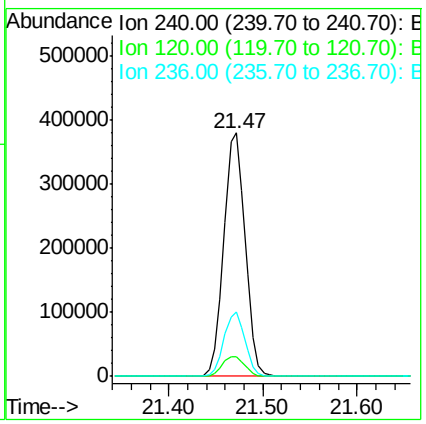


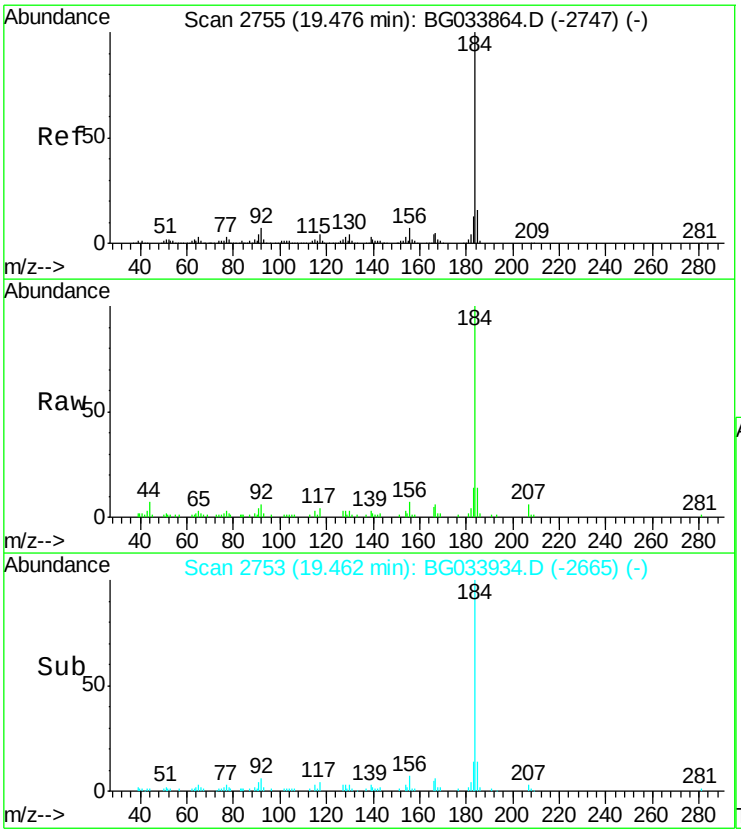
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Instrument :
BNA_G
ClientSampleId :
BU-03-042018

Tgt Ion:240 Resp: 601638

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	26.5	20.9	31.3

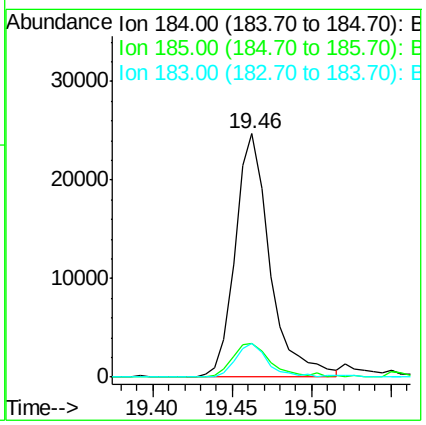


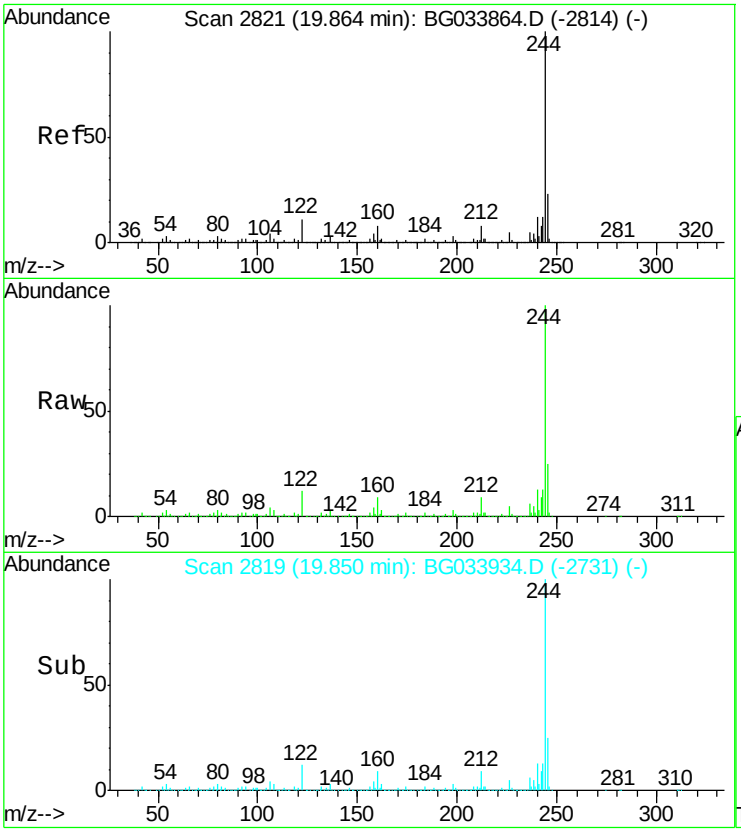


#76
Benzidine
Concen: 2.313 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Tgt Ion:184 Resp: 37577

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.1	16.7
183	13.7	10.6	16.0



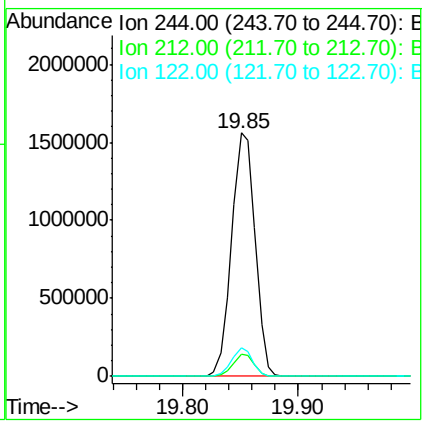


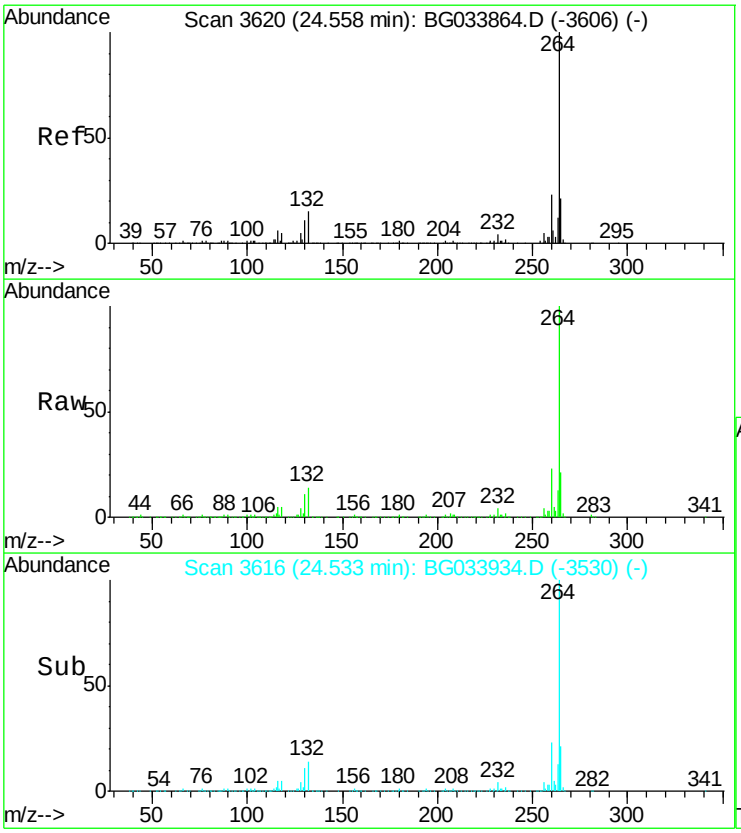
#78
Terphenyl-d14
Concen: 82.179 ng
RT: 19.85 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Instrument :
BNA_G
ClientSampleId :
BU-03-042018

Tgt Ion:244 Resp: 2200735

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	11.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.53 min Scan# 3616
Delta R.T. -0.03 min
Lab File: BG033934.D
Acq: 24 Apr 2018 00:27

Tgt Ion:264 Resp: 616057

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