Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033952.D
Acq On : 24 Apr 2018 13:43
Operator : SJ/JU
Sample : J2503-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-2-1-PPE

Quant Time: Apr 25 00:11:38 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	83040	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	345040	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	203310	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	483732	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	552242	20.00	ng	-0.02
86) Perylene-d12	24.52	264	573344	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	691080	132.87	ng	0.00
7) Phenol-d6	7.00	99	816085	107.57	ng	0.00
23) Nitrobenzene-d5	8.98	82	622845	102.73	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	395051	166.55	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1369051	98.92	ng	-0.02
78) Terphenyl-d14	19.85	244	2171049	88.32	ng	-0.02
Target Compounds						Qvalue
6) Aniline	7.16	93	34882	3.440	ng	98
76) Benzidine	19.47	184	1719993	115.339	ng	94

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

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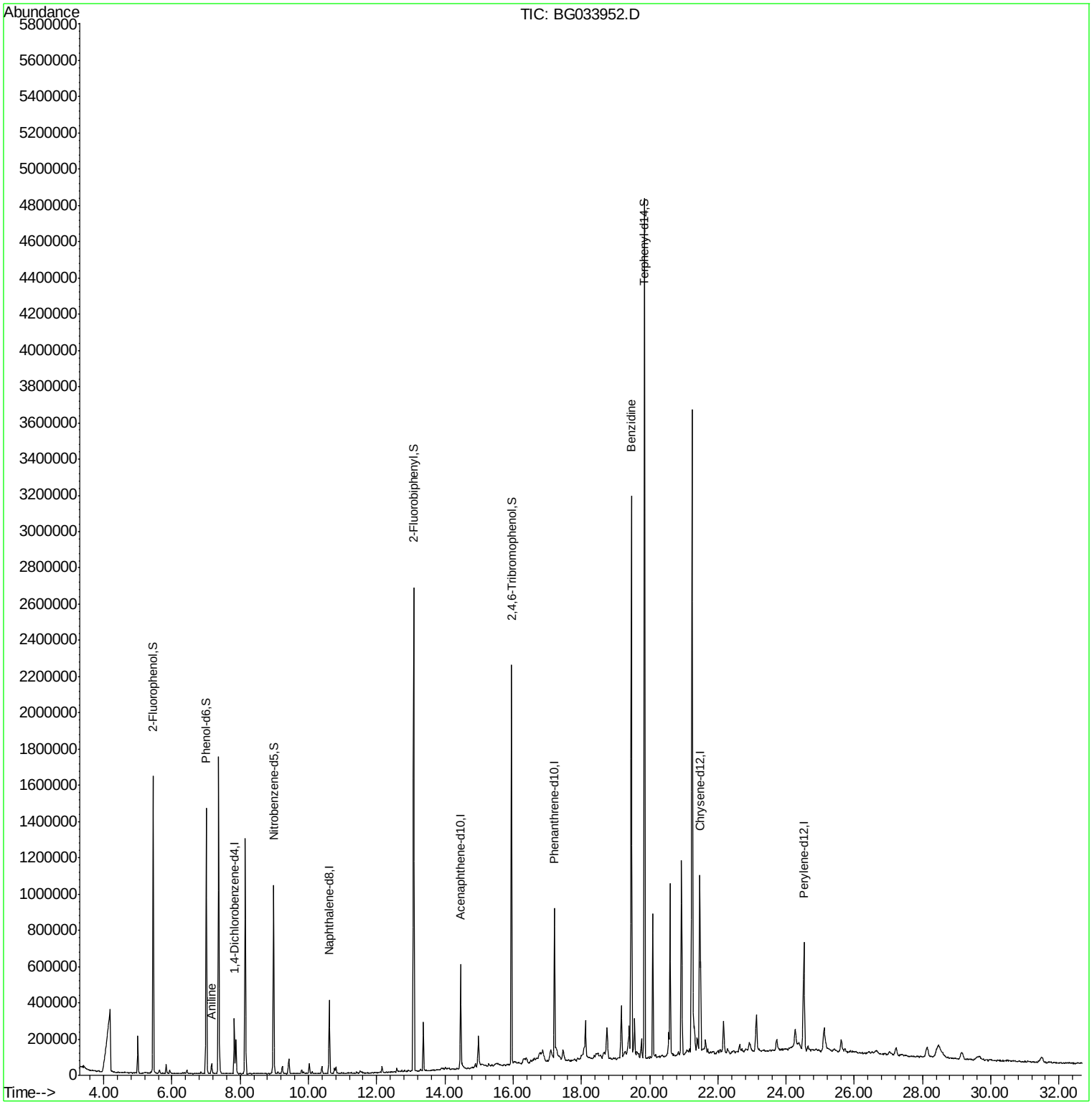
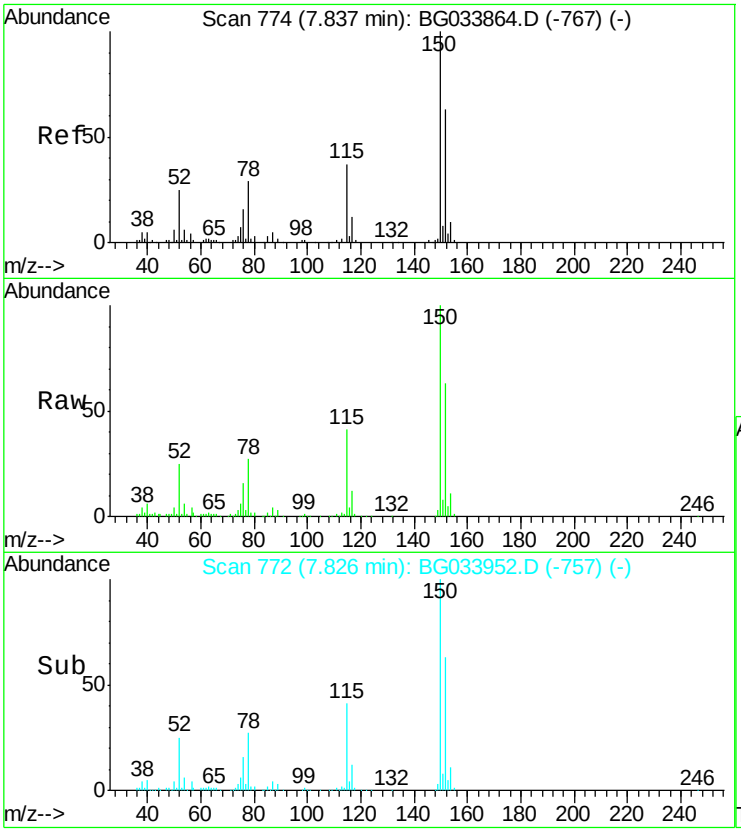
Response via : Initial Calibration



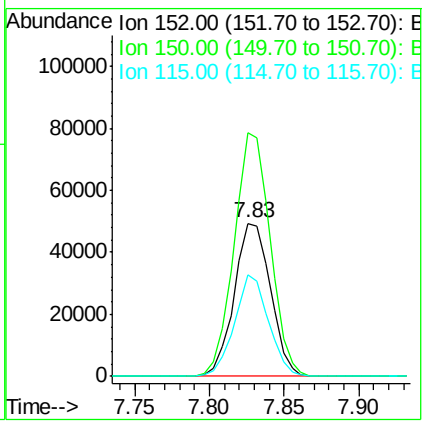


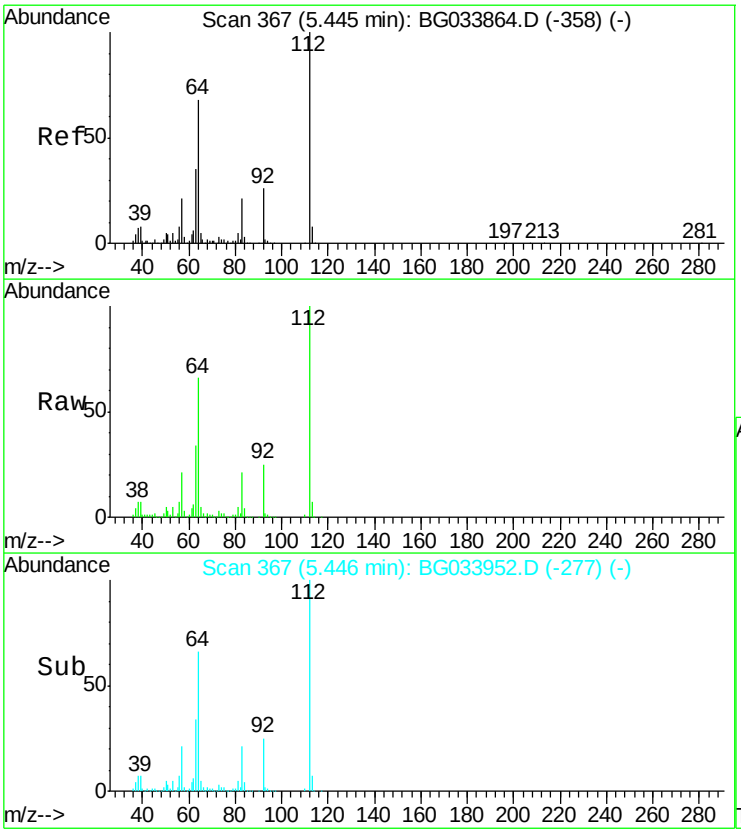
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Instrument :
BNA_G
ClientSampleId :
DRUM-2-1-PPE

Tgt Ion:152 Resp: 83040

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	66.0	53.0	79.4

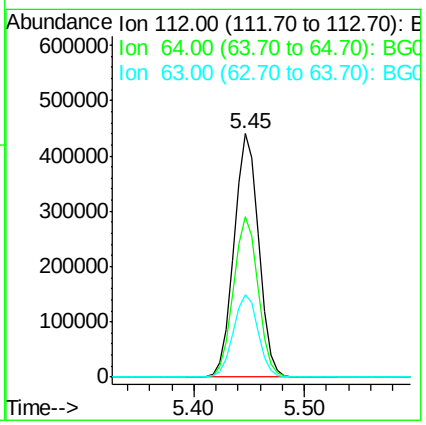


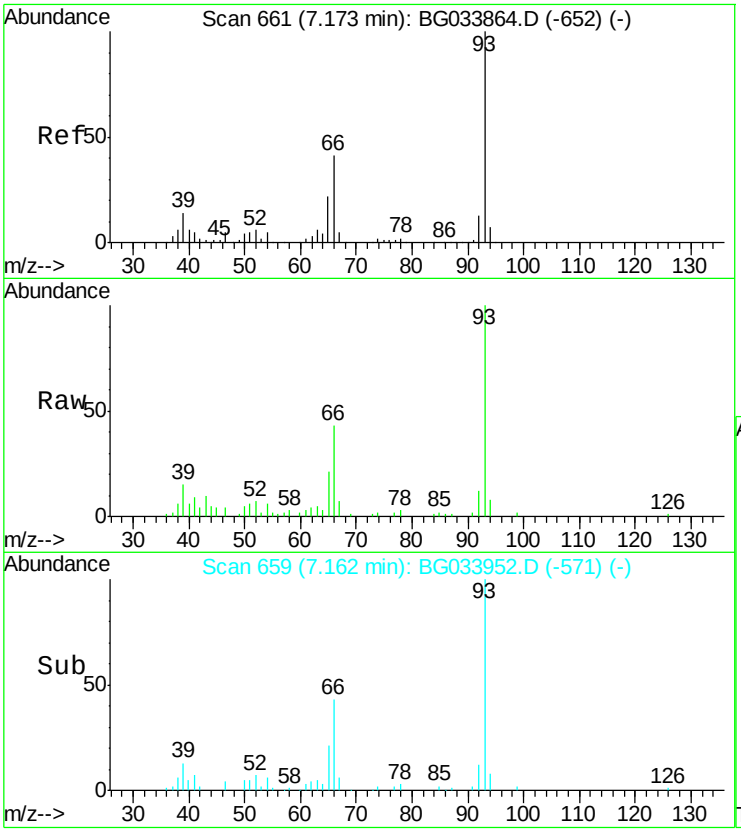


#5
2-Fluorophenol
Concen: 132.868 ng
RT: 5.45 min Scan# 367
Delta R.T. 0.00 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Tgt Ion:112 Resp: 691080

Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.3	84.5
63	33.8	30.1	45.1



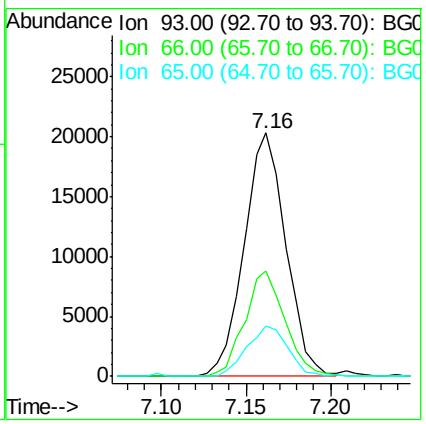


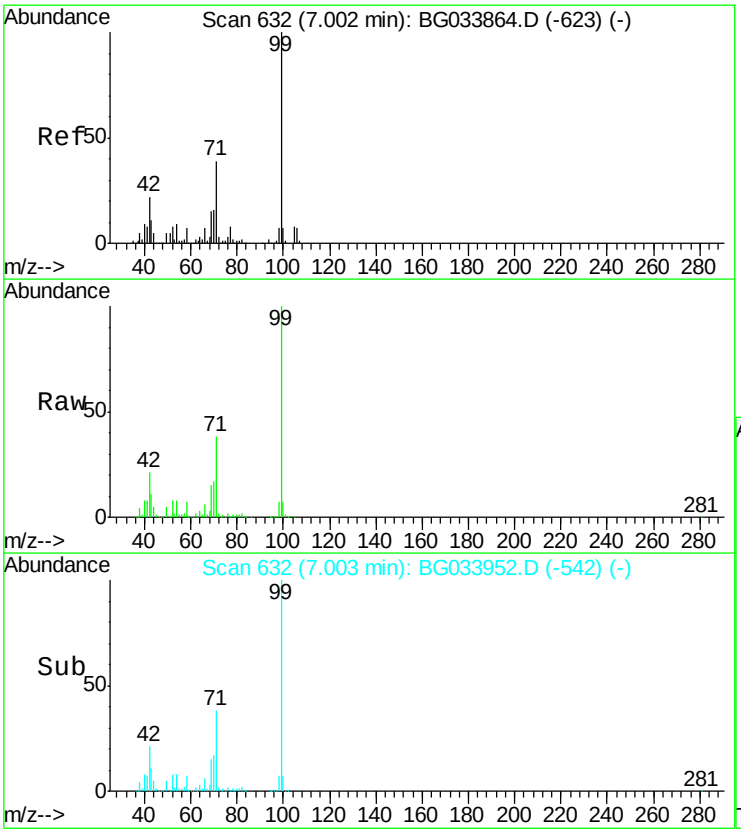
#6
Aniline
Concen: 3.440 ng
RT: 7.16 min Scan# 659
Delta R.T. -0.01 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Instrument :
BNA_G
ClientSampleId :
DRUM-2-1-PPE

Tgt Ion: 93 Resp: 34882

Ion	Ratio	Lower	Upper
93	100		
66	43.2	33.7	50.5
65	20.9	16.1	24.1

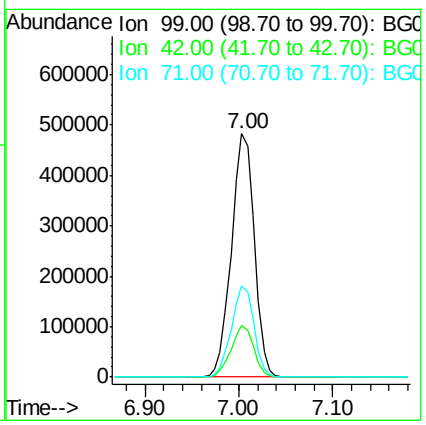


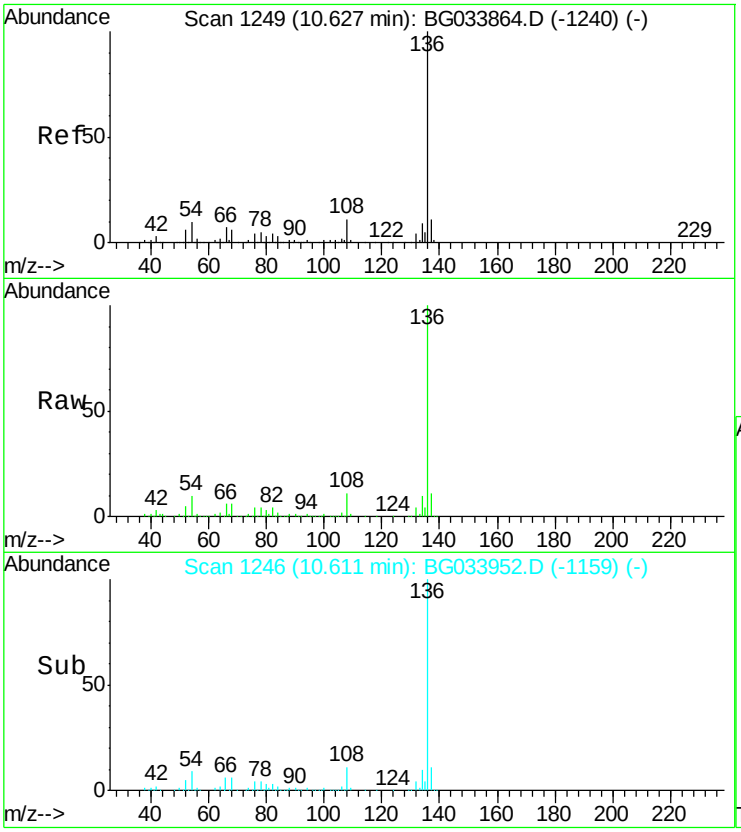


#7
Phenol-d6
Concen: 107.573 ng
RT: 7.00 min Scan# 632
Delta R.T. 0.00 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Tgt Ion: 99 Resp: 816085

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.1	21.1#
71	37.6	26.1	39.1



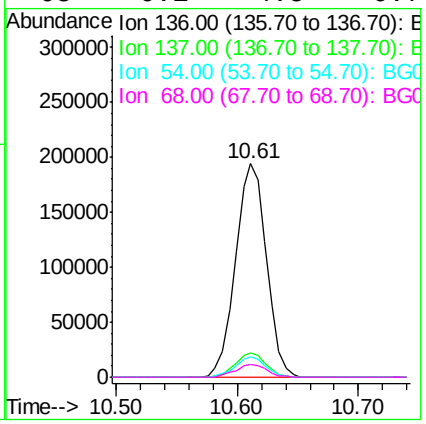


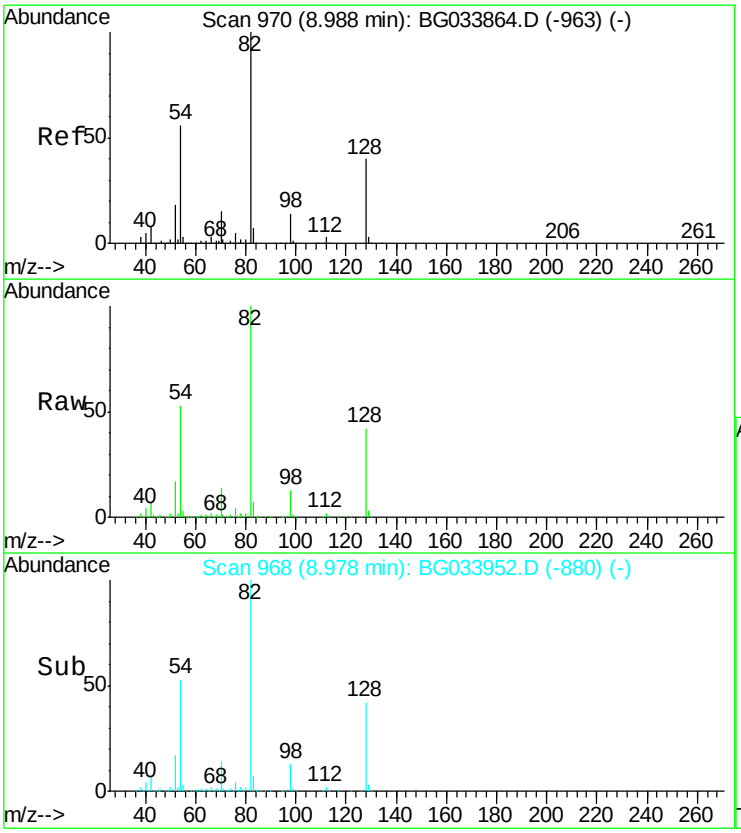
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Instrument :
BNA_G
ClientSampleId :
DRUM-2-1-PPE

Tgt Ion:136 Resp: 345040

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.5	10.3	15.5#
68	6.1	4.5	6.7

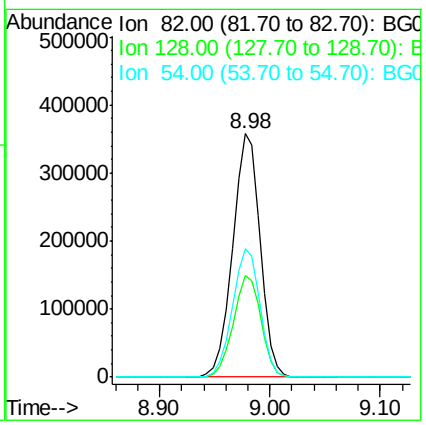


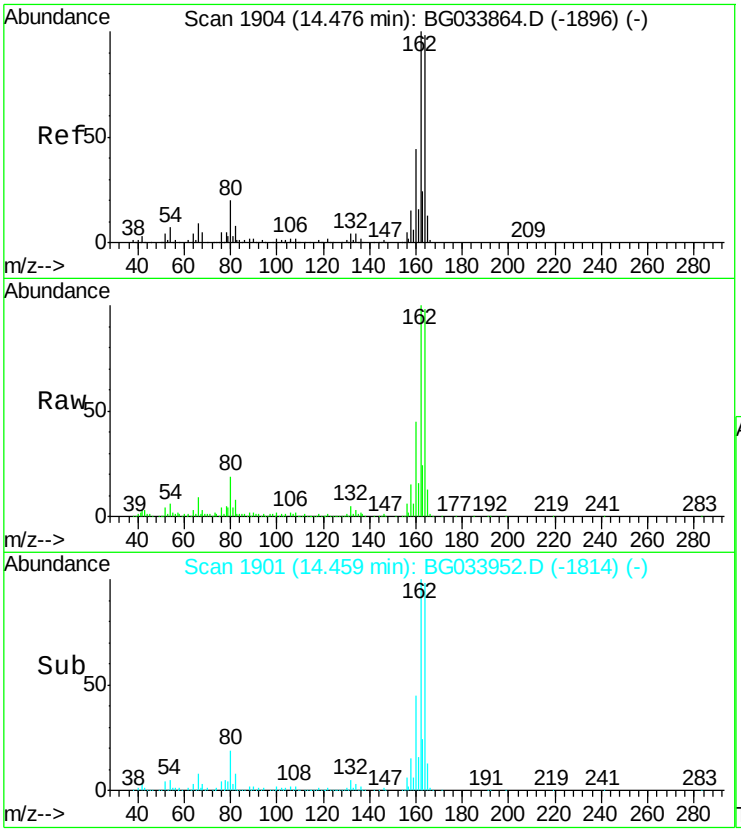


#23
Nitrobenzene-d5
Concen: 102.730 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Tgt Ion: 82 Resp: 622845

Ion	Ratio	Lower	Upper
82	100		
128	41.7	29.7	44.5
54	52.8	43.1	64.7



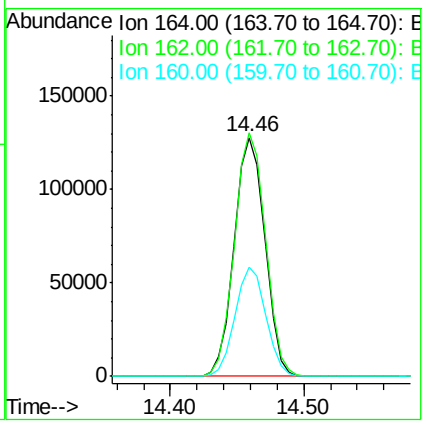


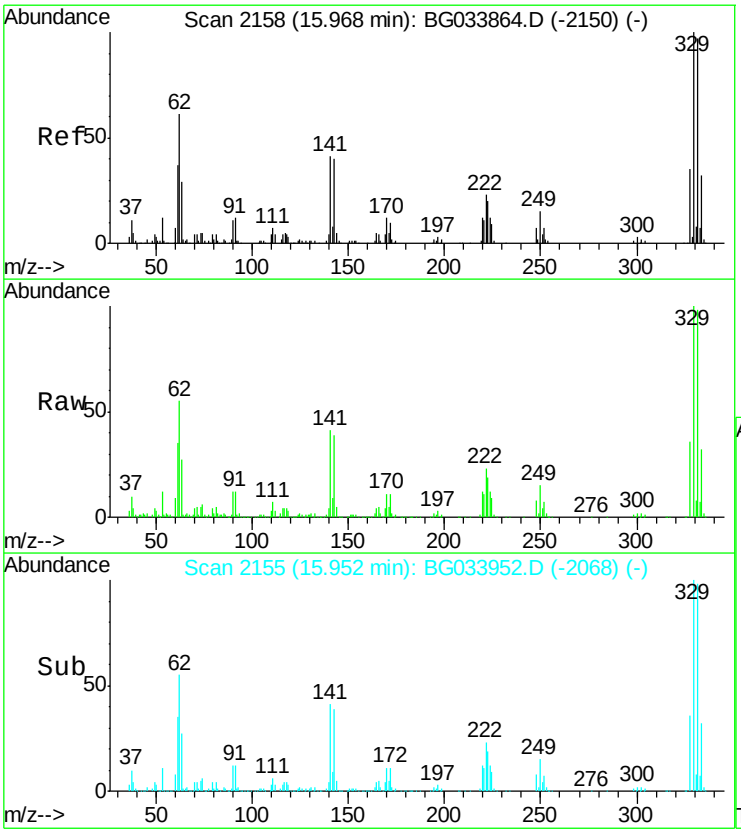
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Instrument :
BNA_G
ClientSampleId :
DRUM-2-1-PPE

Tgt Ion:164 Resp: 203310

Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	45.7	35.4	53.0

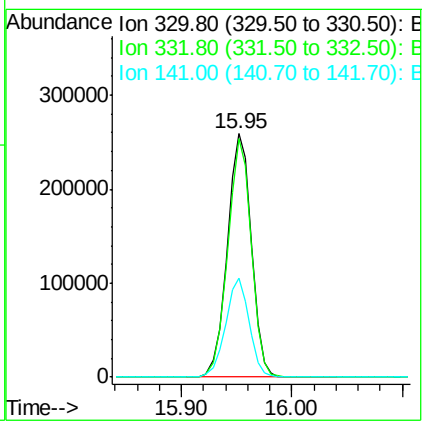


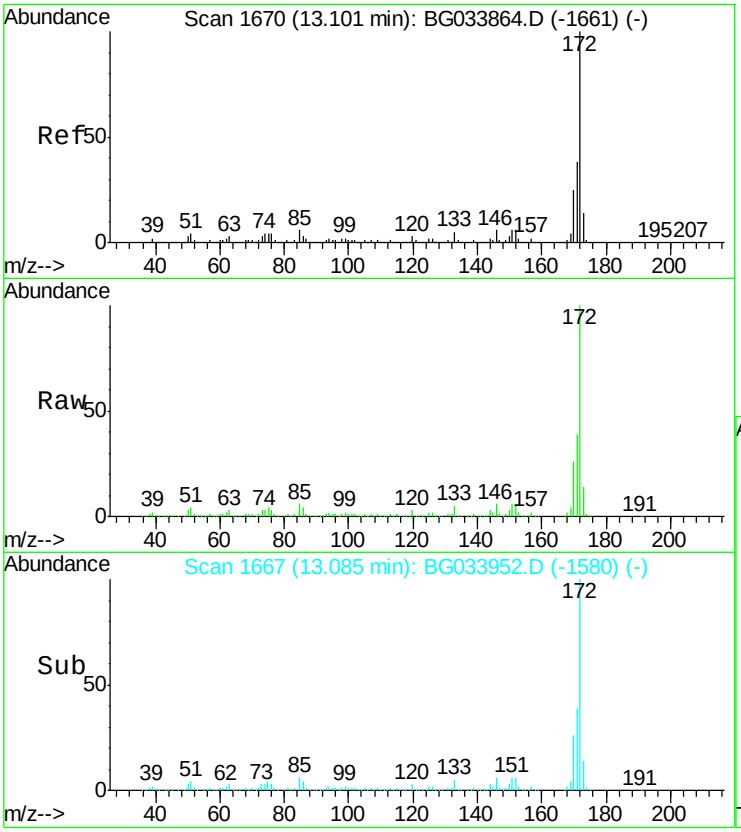


#41
2,4,6-Tribromophenol
Concen: 166.552 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Tgt Ion:330 Resp: 395051

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	39.7	25.2	37.8#



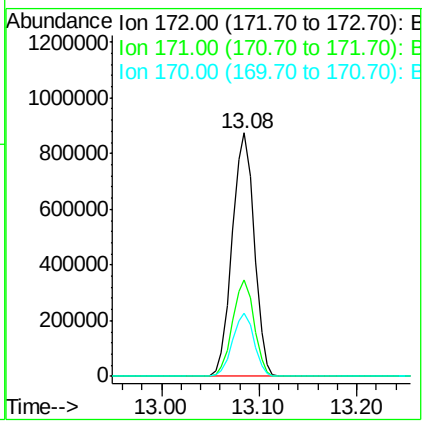


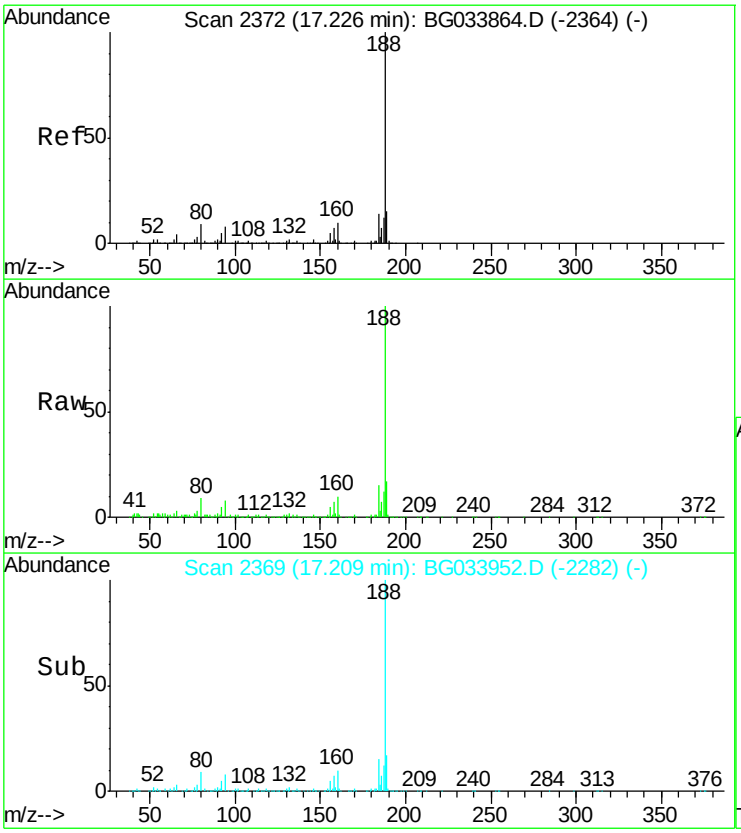
#44
2-Fluorobiphenyl
Concen: 98.921 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Instrument :
BNA_G
ClientSampleId :
DRUM-2-1-PPE

Tgt Ion:172 Resp: 1369051

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.0	45.0
170	25.8	19.5	29.3

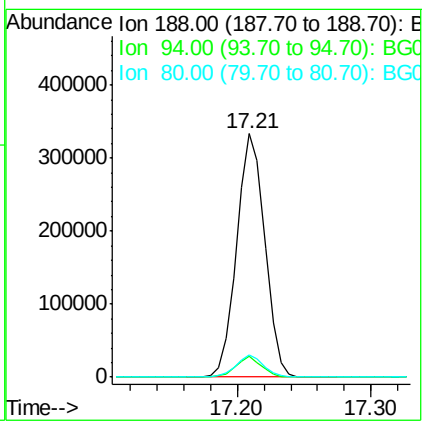


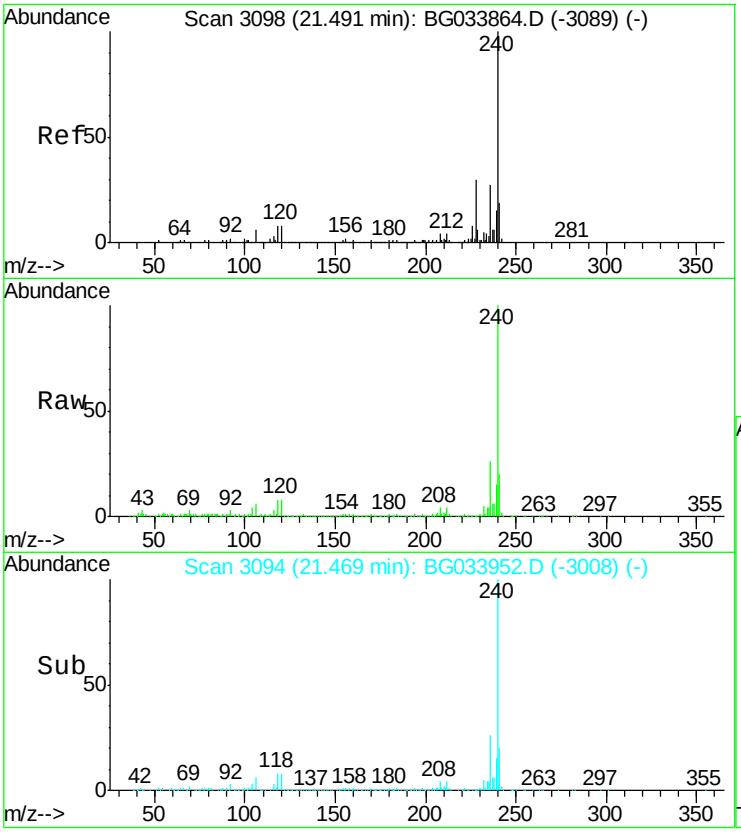


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Tgt Ion:188 Resp: 483732

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.0	7.7	11.5



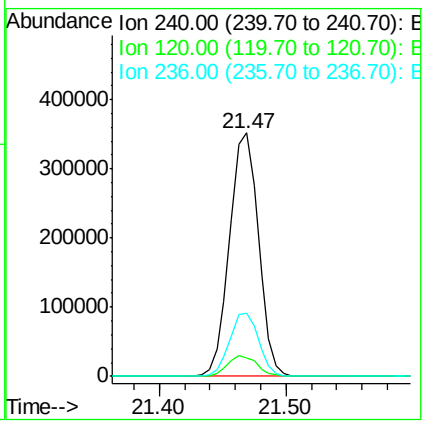


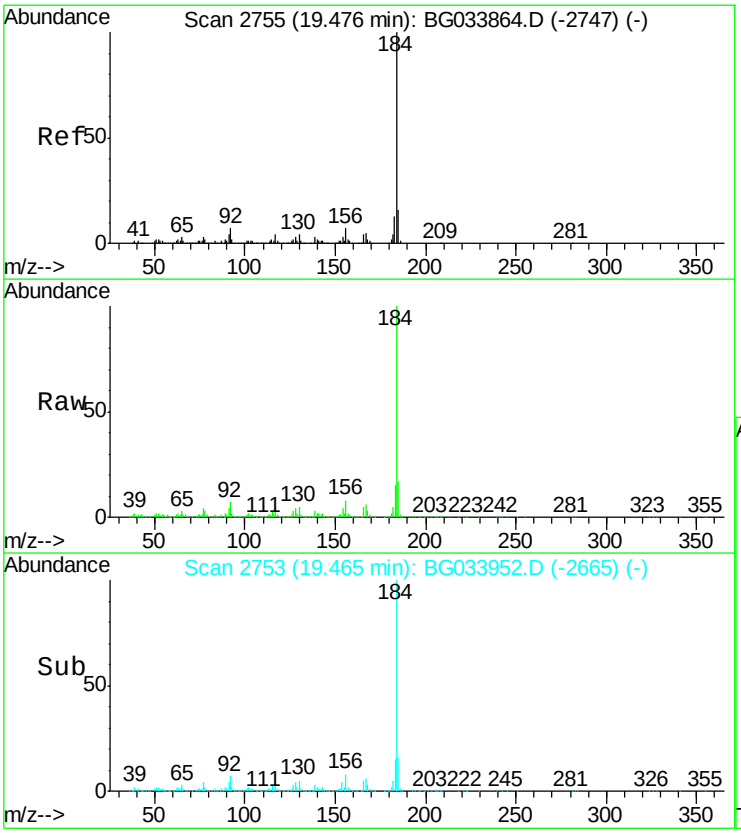
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Instrument :
BNA_G
ClientSampleId :
DRUM-2-1-PPE

Tgt Ion:240 Resp: 552242

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	25.7	20.9	31.3

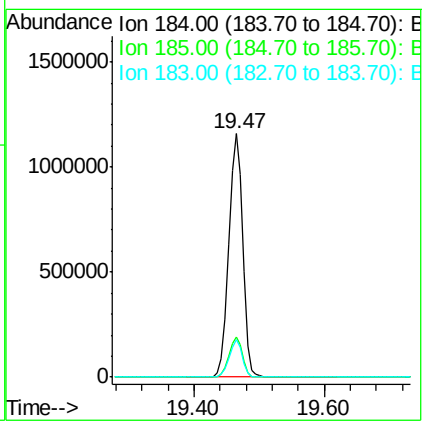


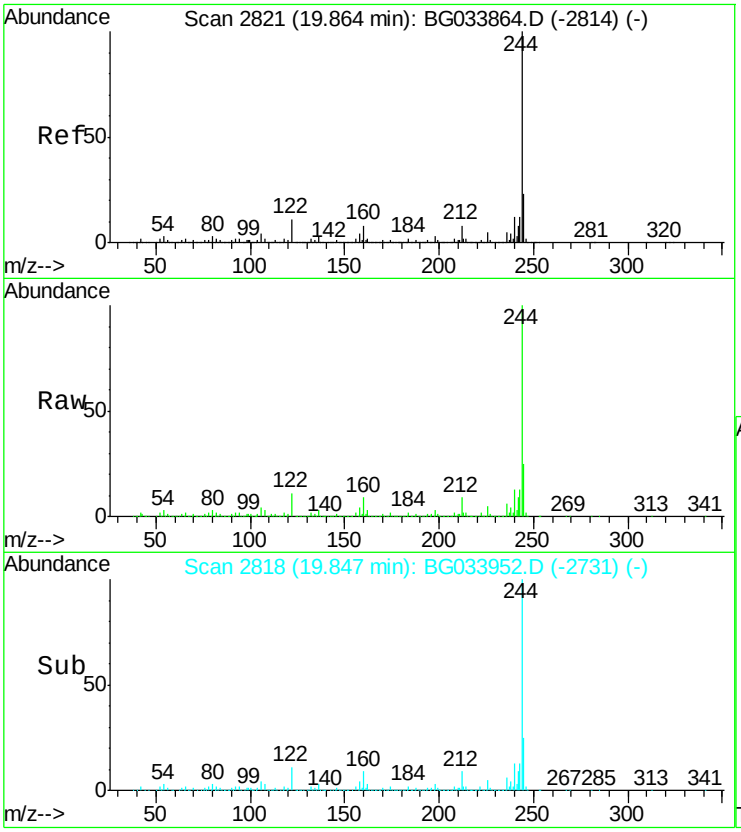


#76
Benzidine
Concen: 115.339 ng
RT: 19.47 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Tgt Ion:184 Resp: 1719993

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.1	16.7
183	15.2	10.6	16.0



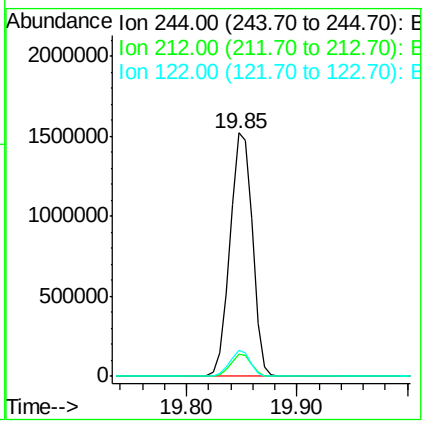


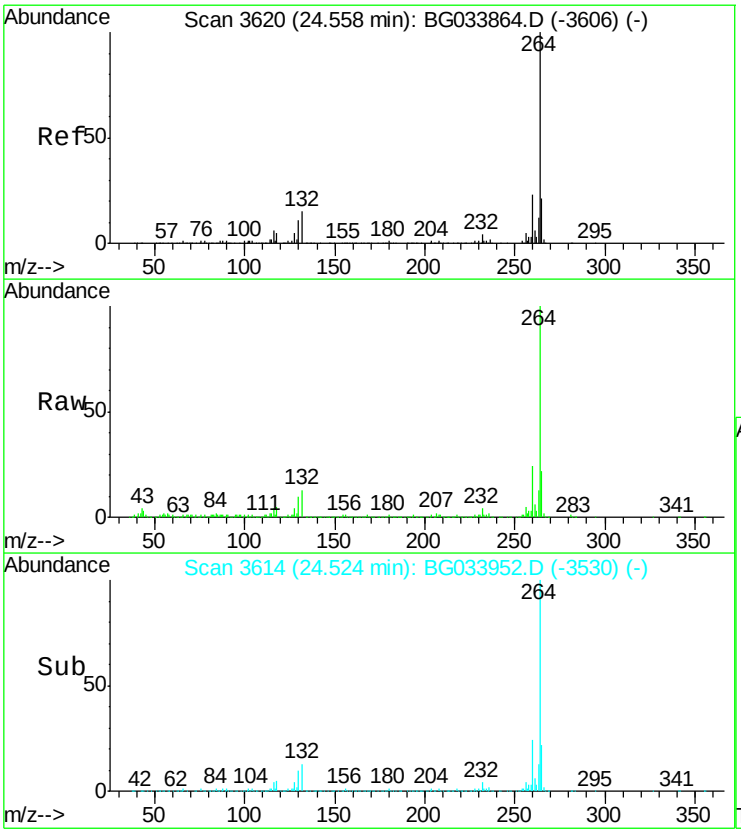
#78
Terphenyl-d14
Concen: 88.322 ng
RT: 19.85 min Scan# 2818
Delta R.T. -0.02 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Instrument :
BNA_G
ClientSampleId :
DRUM-2-1-PPE

Tgt Ion:244 Resp: 2171049

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	10.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.03 min
Lab File: BG033952.D
Acq: 24 Apr 2018 13:43

Tgt Ion:264 Resp: 573344

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.0	17.7	26.5