Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033960.D
Acq On : 24 Apr 2018 18:48
Operator : SJ/JU
Sample : J2509-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-DRUM

Quant Time: Apr 25 00:29:05 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	77541	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	314016	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	190681	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	483859	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	588062	20.00	ng	-0.02
86) Perylene-d12	24.52	264	595023	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	585493	120.55	ng	0.00
7) Phenol-d6	7.00	99	659205	93.06	ng	0.00
23) Nitrobenzene-d5	8.98	82	536189	97.17	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	348803	156.79	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1229195	94.70	ng	-0.02
78) Terphenyl-d14	19.85	244	2178201	83.22	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.66	128	35916	2.224	ng	97
76) Benzidine	19.46	184	100607	6.336	ng	98

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

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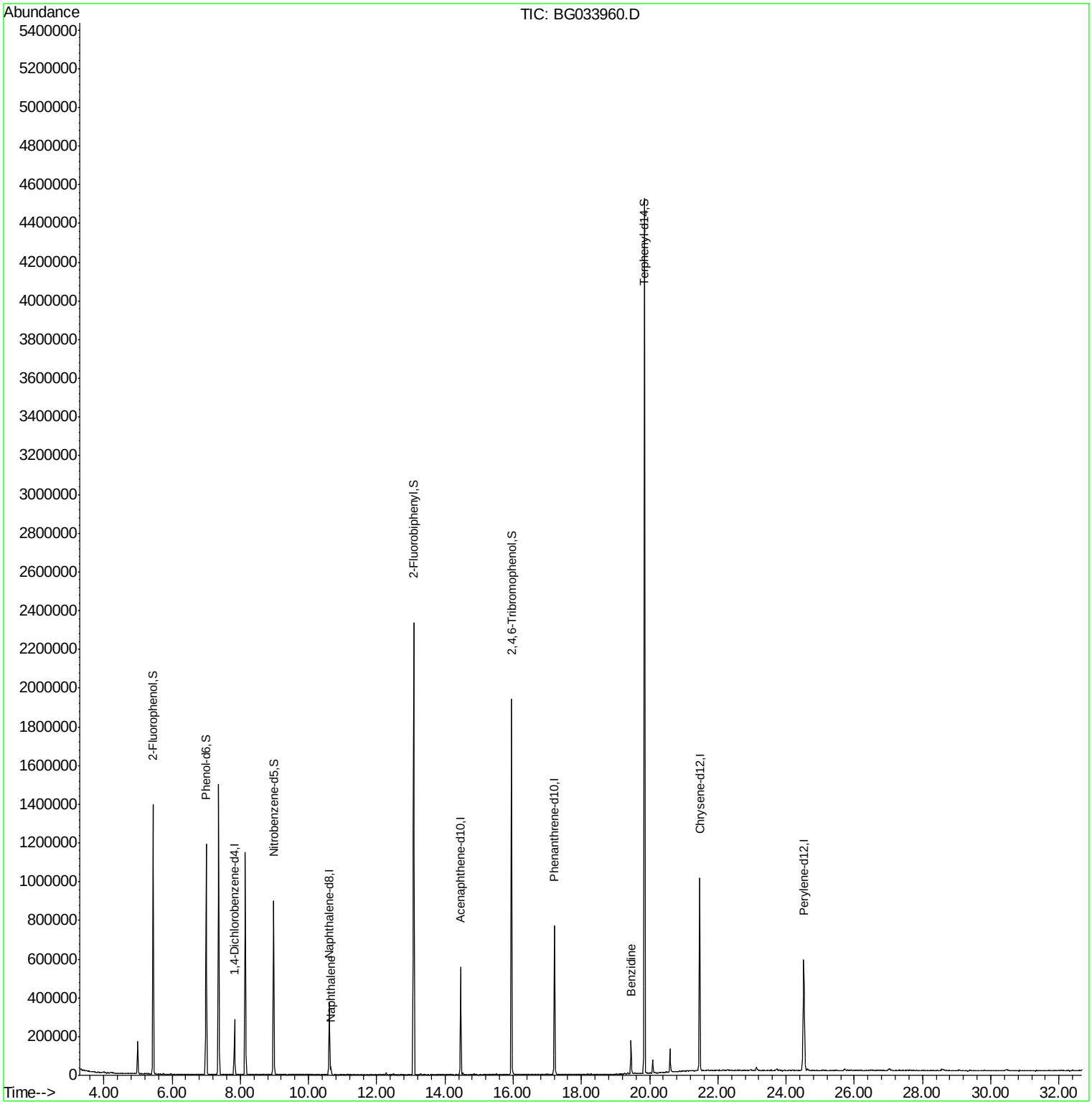
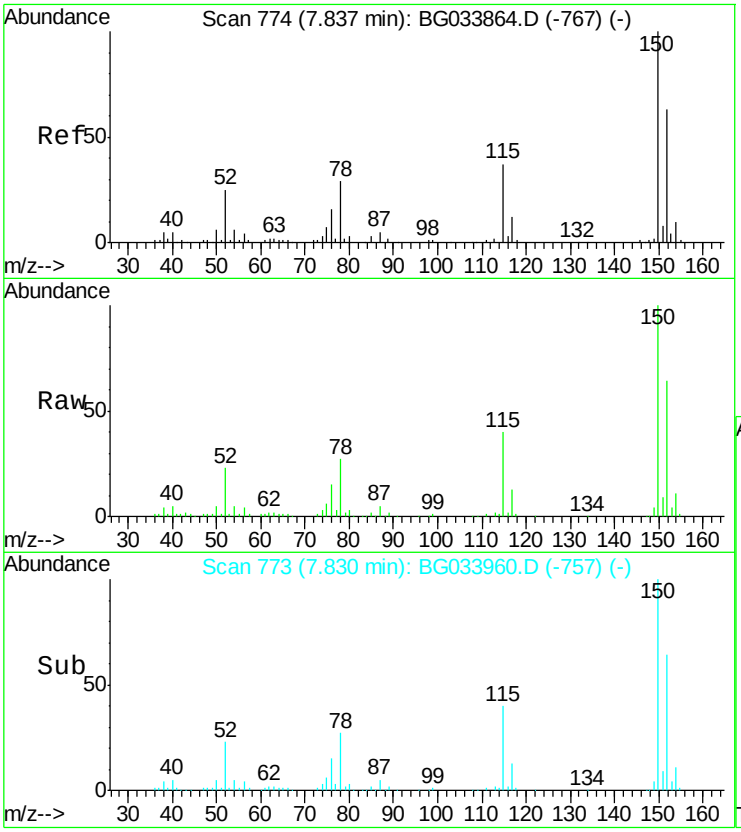


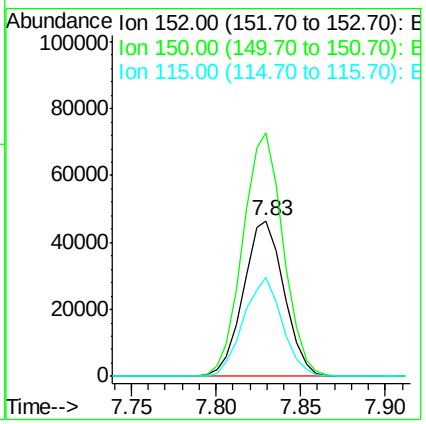


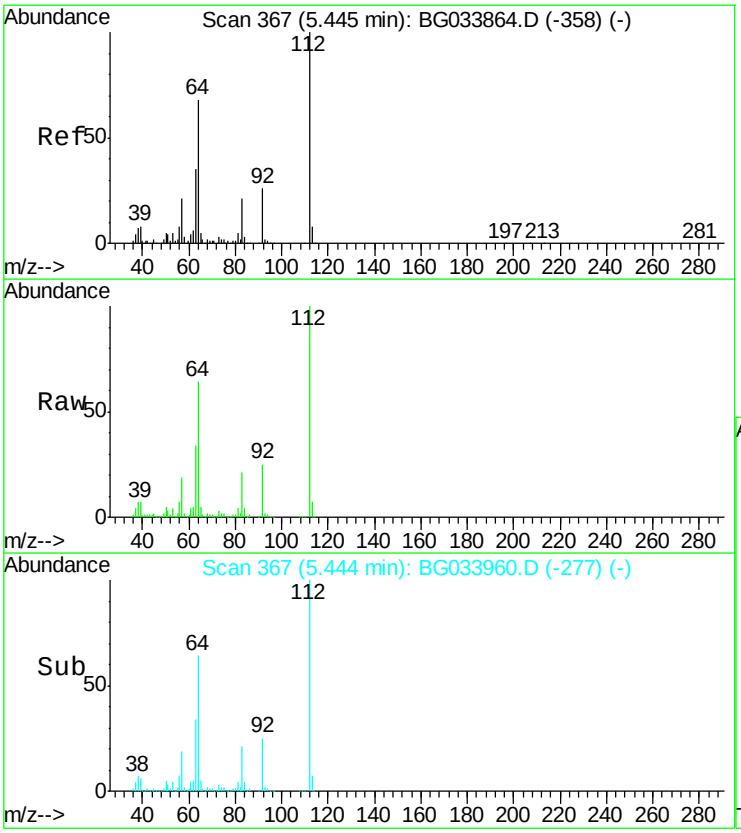
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Instrument :
BNA_G
ClientSampleId :
WS-DRUM

Tgt Ion:152 Resp: 77541

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	63.3	53.0	79.4

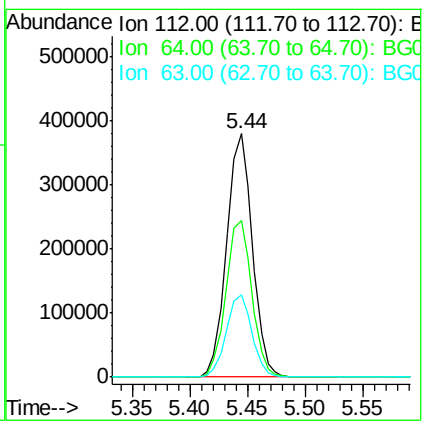


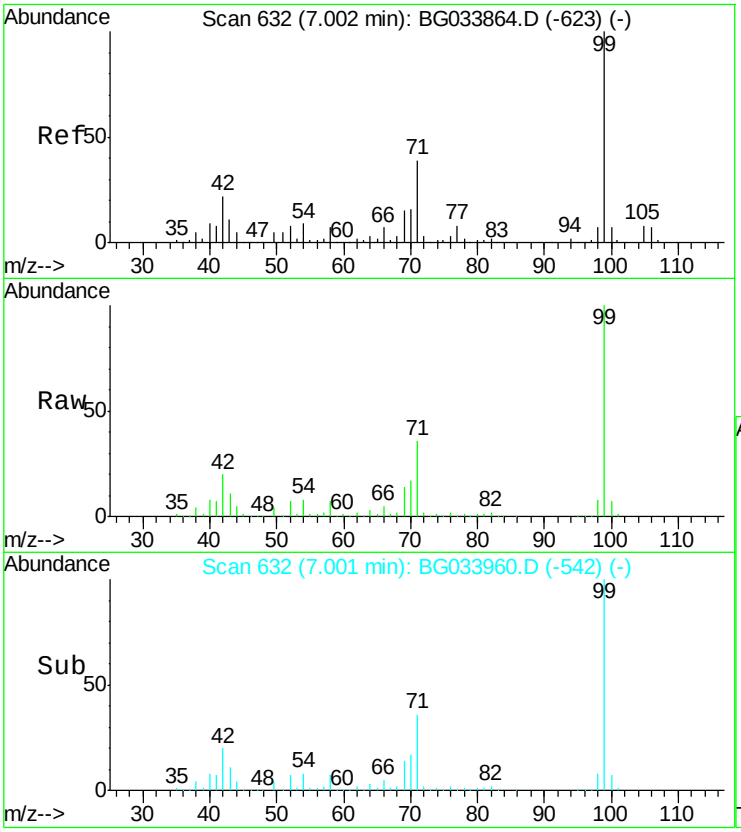


#5
2-Fluorophenol
Concen: 120.550 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Tgt Ion:112 Resp: 585493

Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.3	84.5
63	33.7	30.1	45.1



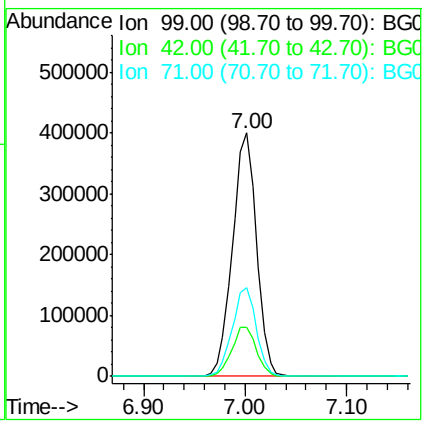


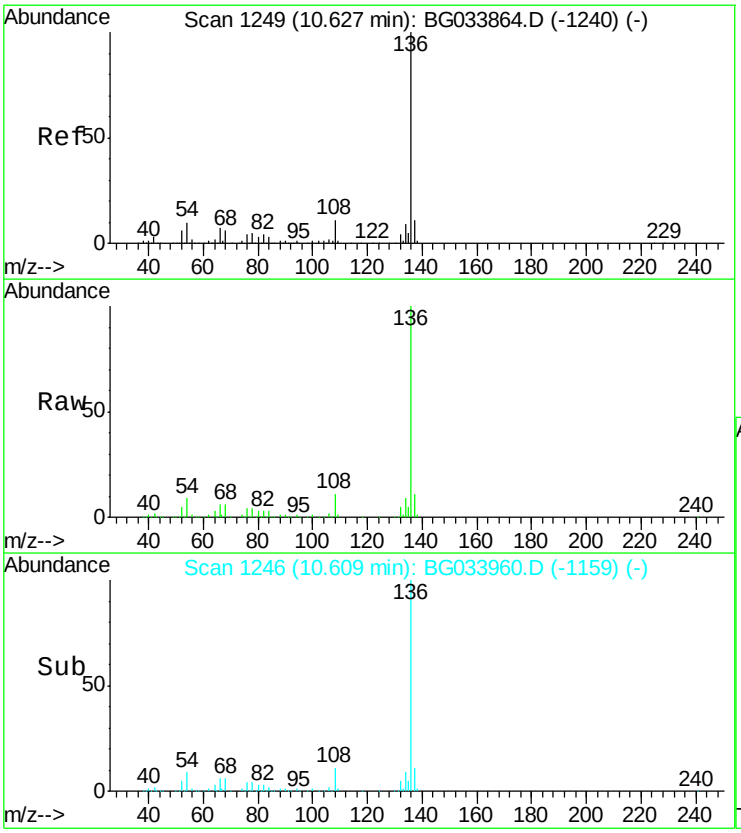
#7
Phenol-d6
Concen: 93.056 ng
RT: 7.00 min Scan# 632
Delta R.T. -0.00 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Instrument :
BNA_G
ClientSampleId :
WS-DRUM

Tgt Ion: 99 Resp: 659205

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.1	21.1
71	36.3	26.1	39.1

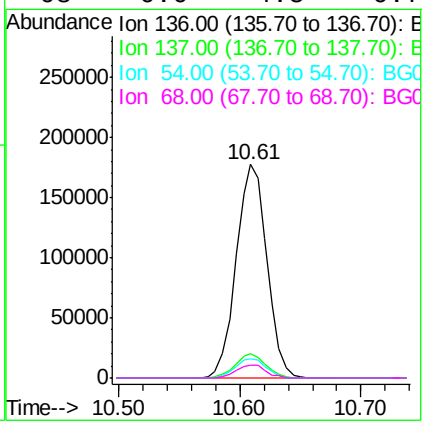


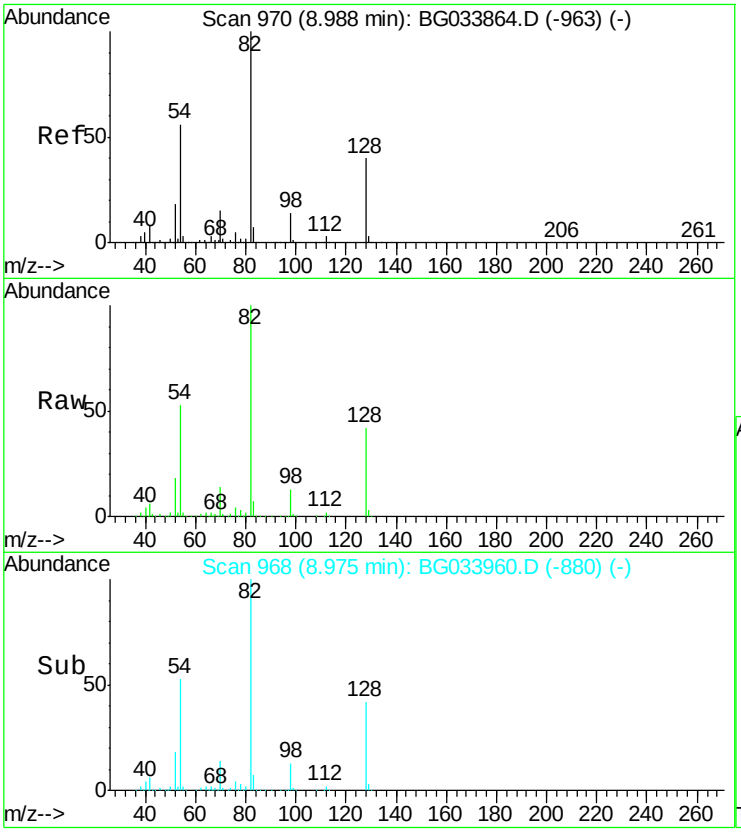


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Tgt Ion:136 Resp: 314016

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.9	10.3	15.5#
68	6.0	4.5	6.7



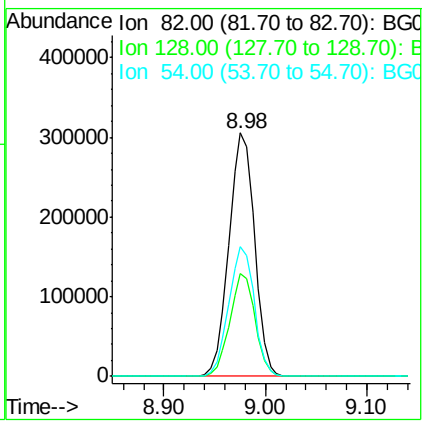


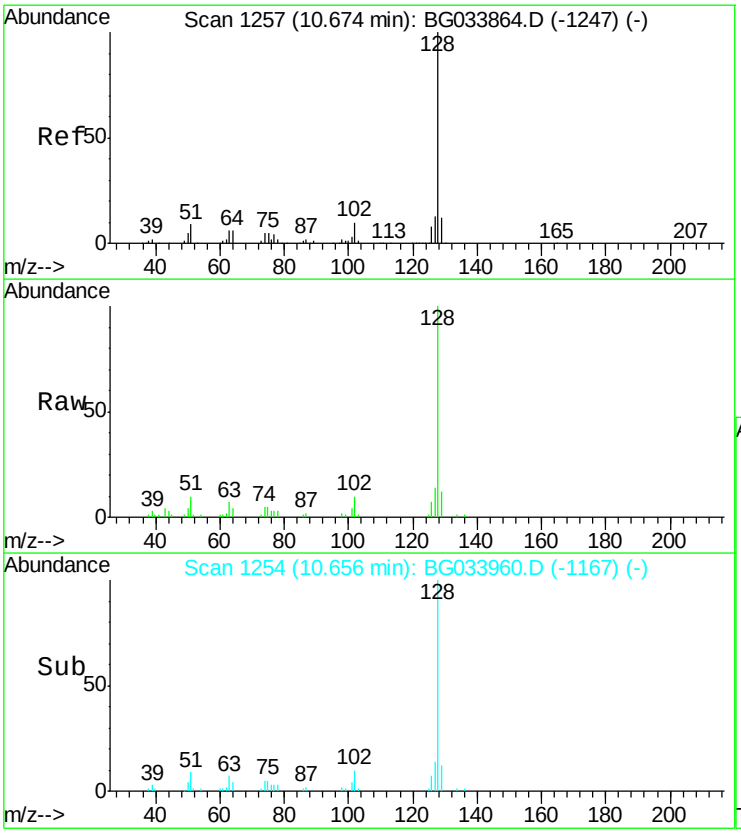
#23
Nitrobenzene-d5
Concen: 97.174 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Instrument :
BNA_G
ClientSampleId :
WS-DRUM

Tgt Ion: 82 Resp: 536189

Ion	Ratio	Lower	Upper
82	100		
128	42.4	29.7	44.5
54	53.4	43.1	64.7

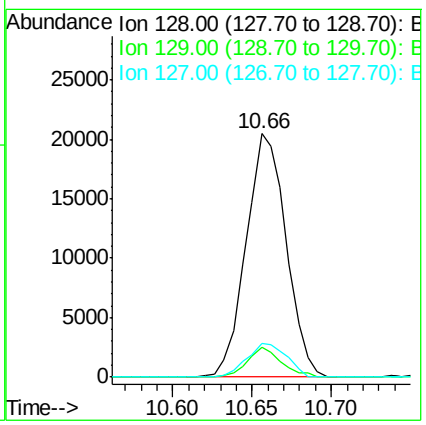


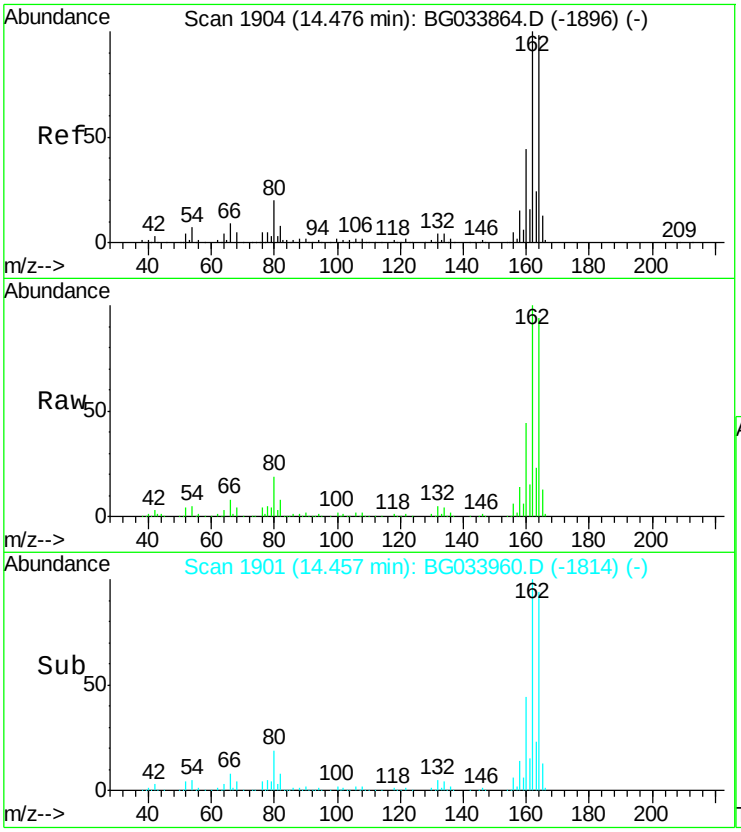


#31
Naphthalene
Concen: 2.224 ng
RT: 10.66 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Tgt Ion:128 Resp: 35916

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.6	12.8
127	13.6	11.6	17.4



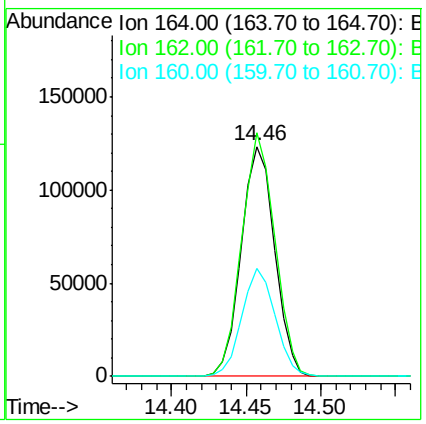


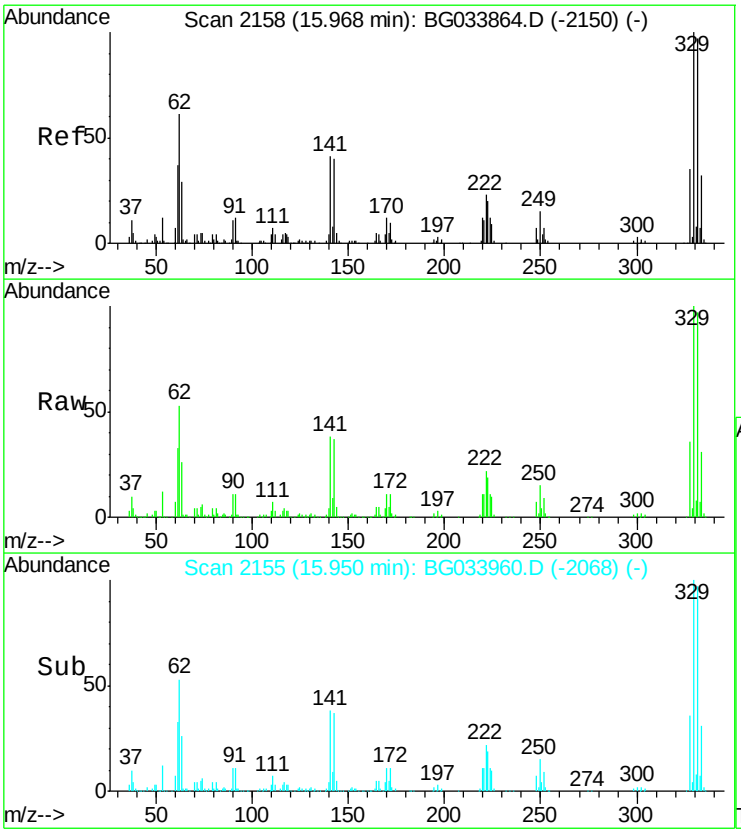
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Instrument :
BNA_G
ClientSampleId :
WS-DRUM

Tgt Ion:164 Resp: 190681

Ion	Ratio	Lower	Upper
164	100		
162	106.1	78.8	118.2
160	47.1	35.4	53.0

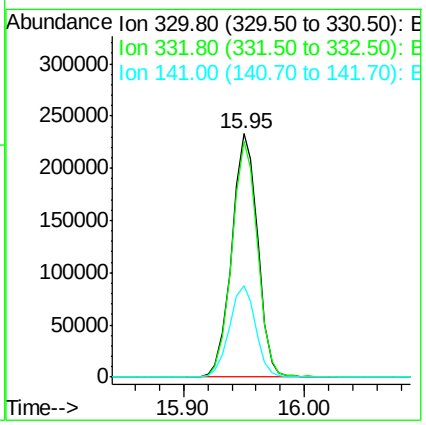


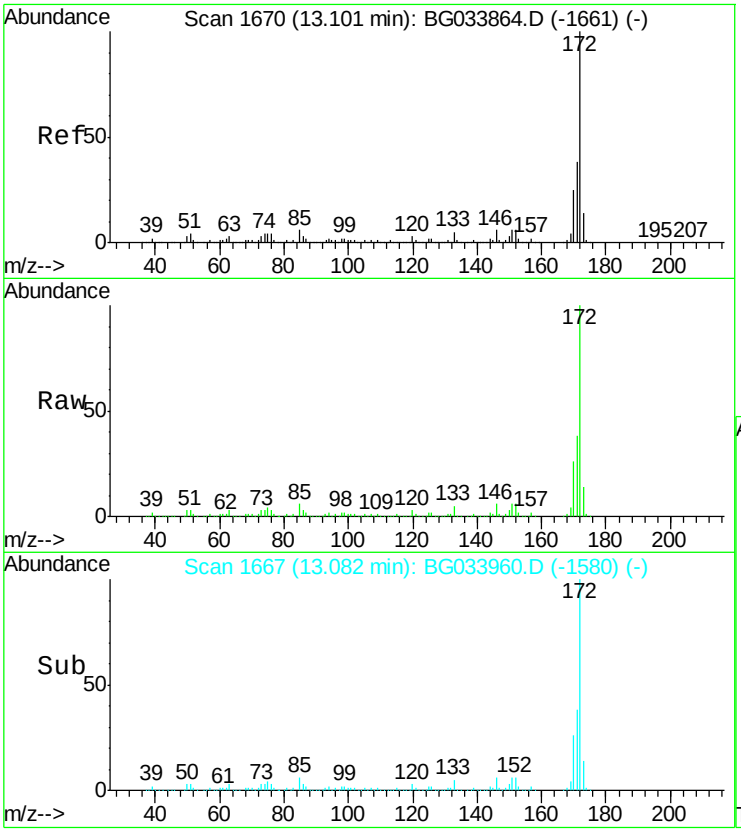


#41
2,4,6-Tribromophenol
Concen: 156.794 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Tgt Ion:330 Resp: 348803

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	38.2	25.2	37.8#



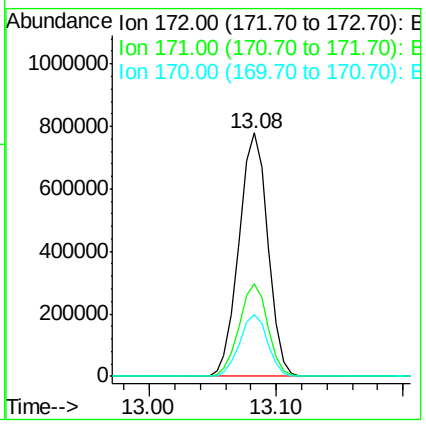


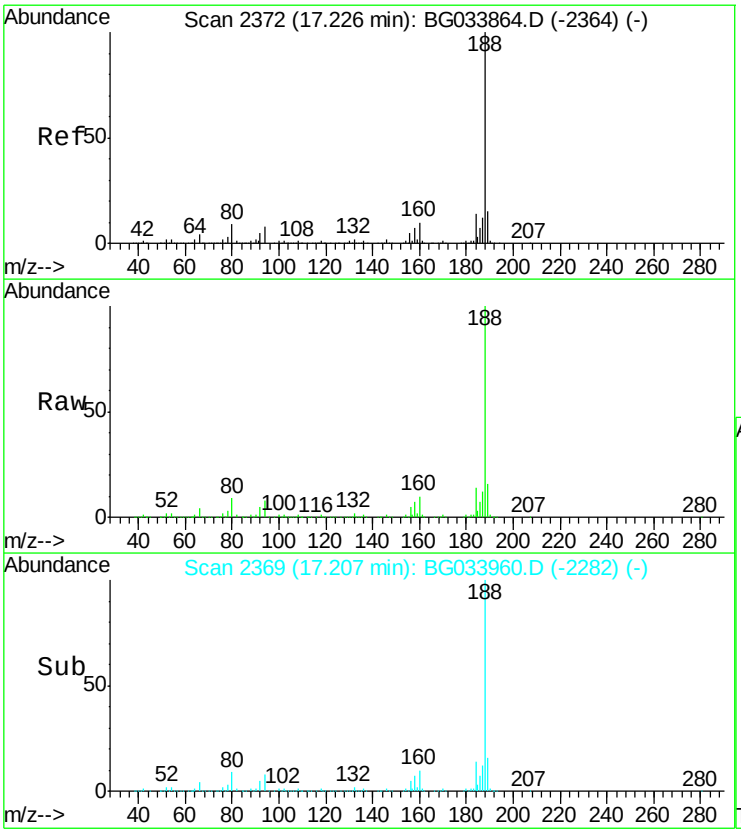
#44
2-Fluorobiphenyl
Concen: 94.698 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Instrument :
BNA_G
ClientSampleId :
WS-DRUM

Tgt Ion:172 Resp: 1229195

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.5	19.5	29.3

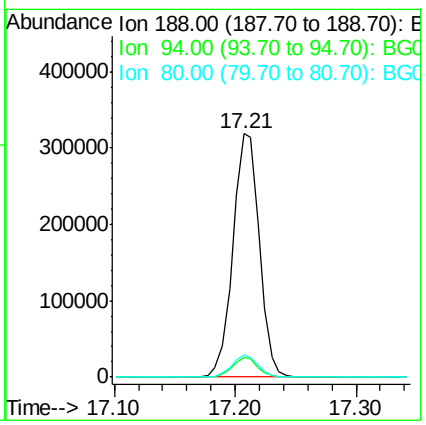


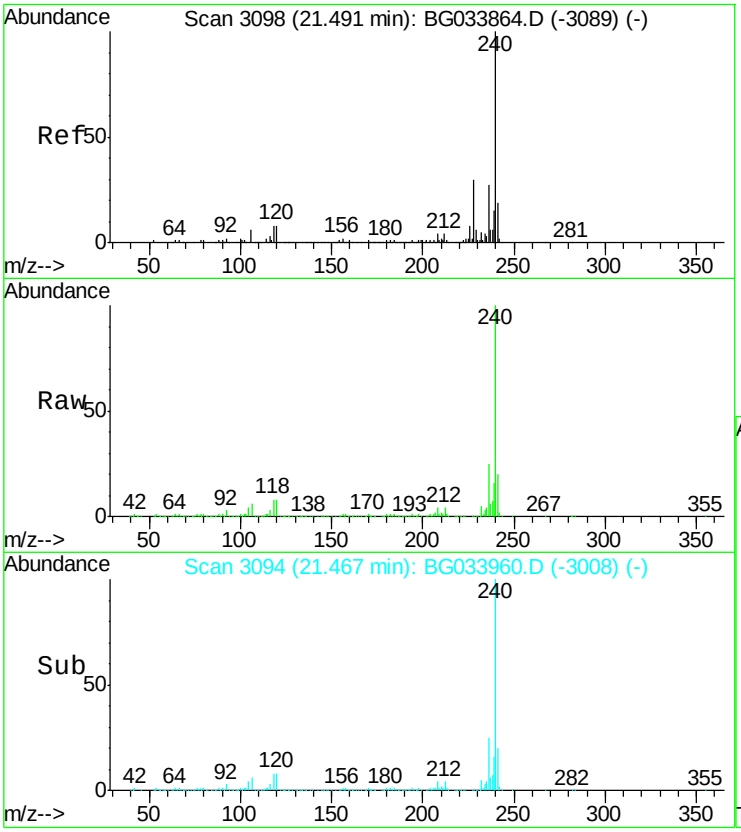


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Tgt Ion:188 Resp: 483859

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.0	7.7	11.5



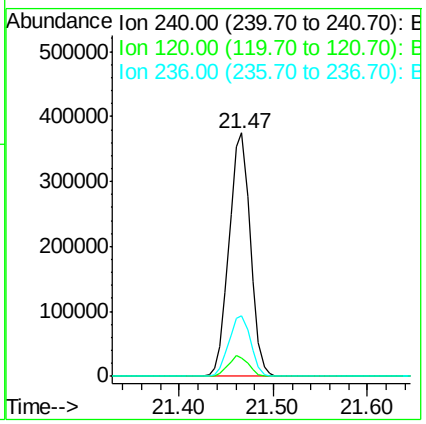


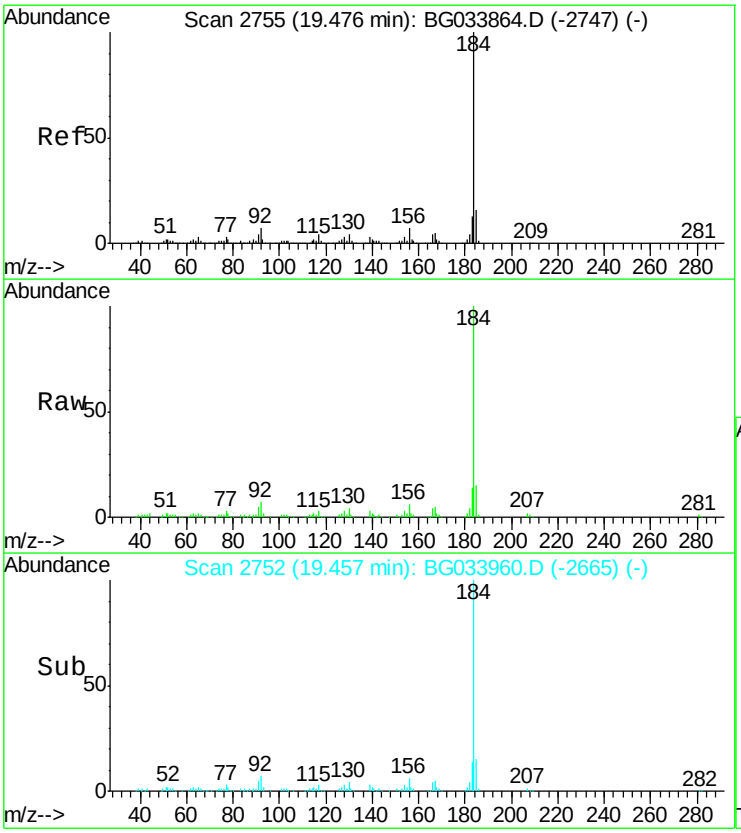
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Instrument :
BNA_G
ClientSampleId :
WS-DRUM

Tgt Ion:240 Resp: 588062

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	24.8	20.9	31.3

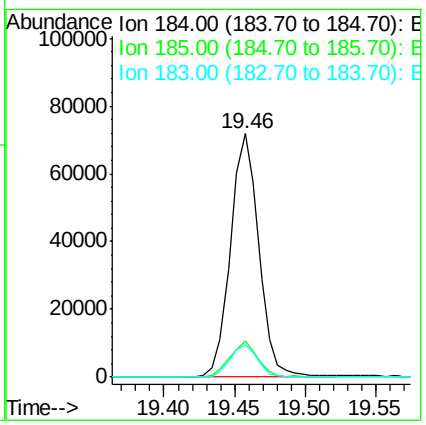


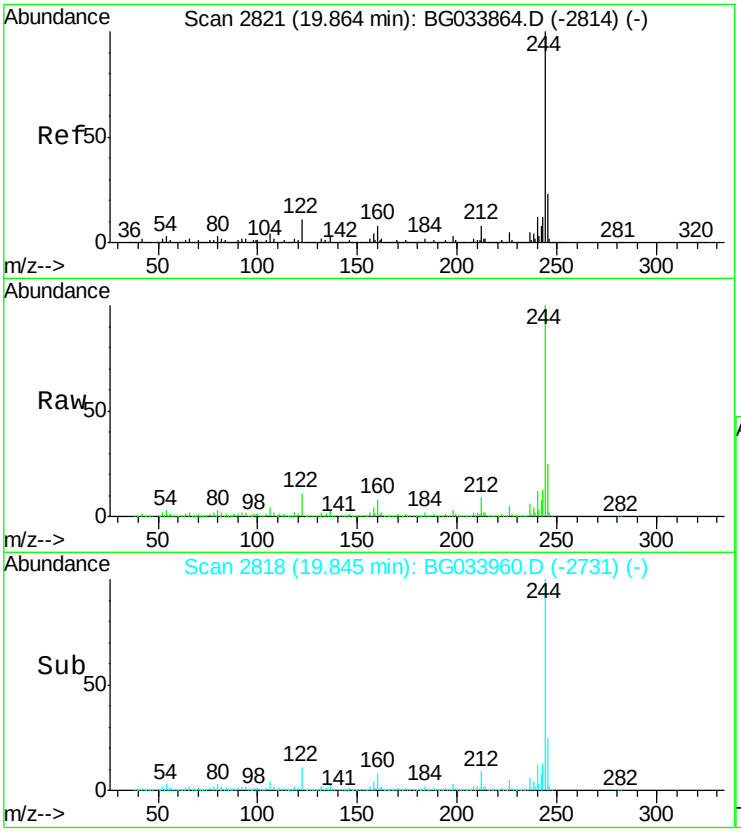


#76
Benzidine
Concen: 6.336 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.02 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Tgt Ion:184 Resp: 100607

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	13.5	10.6	16.0



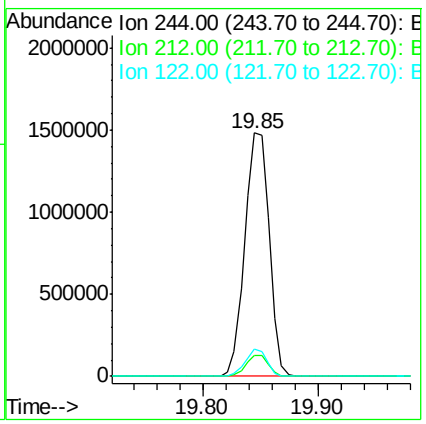


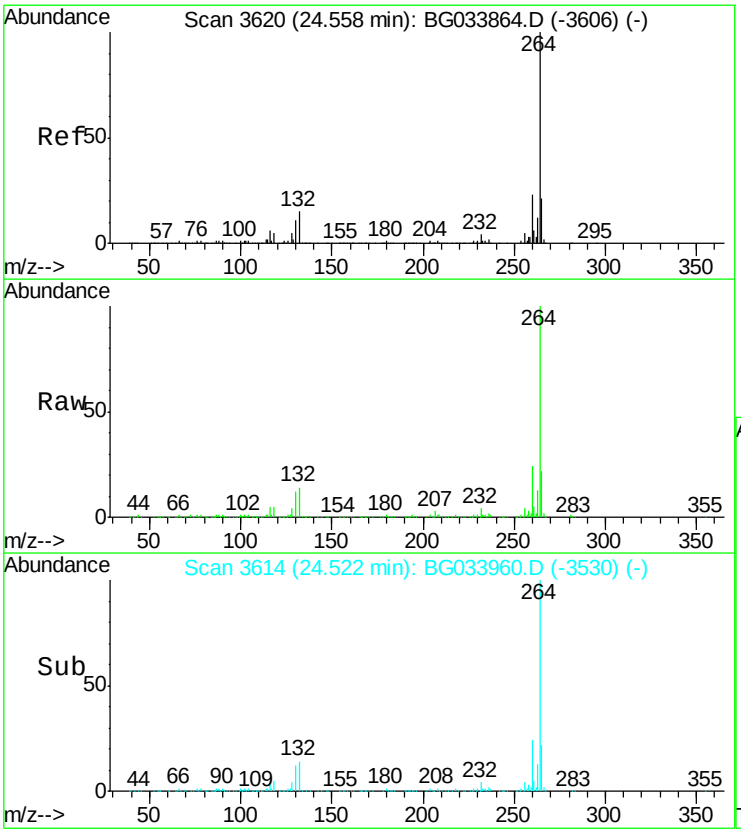
#78
Terphenyl-d14
Concen: 83.215 ng
RT: 19.85 min Scan# 2818
Delta R.T. -0.02 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Instrument :
BNA_G
ClientSampleId :
WS-DRUM

Tgt Ion:244 Resp: 2178201

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	11.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG033960.D
Acq: 24 Apr 2018 18:48

Tgt Ion:264 Resp: 595023

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.3	17.7	26.5