Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
Data File : BG026696.D
Acq On : 21 Apr 2017 21:30
Operator : SJ/MA
Sample : I2782-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-15-42017

Quant Time: Apr 22 04:33:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	188607	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	830358	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	516792	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1246221	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1331068	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1299751	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	651526	62.80	ng	0.00
7) Phenol-d6	7.21	99	549876	40.45	ng	0.00
23) Nitrobenzene-d5	9.19	82	1069821	89.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	941151	130.70	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2984169	86.00	ng	-0.02
78) Terphenyl-d14	19.97	244	3706803	82.22	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.08	163	110242	2.69	ng	97
51) Acenaphthene	14.70	154	171719	5.27	ng	97

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

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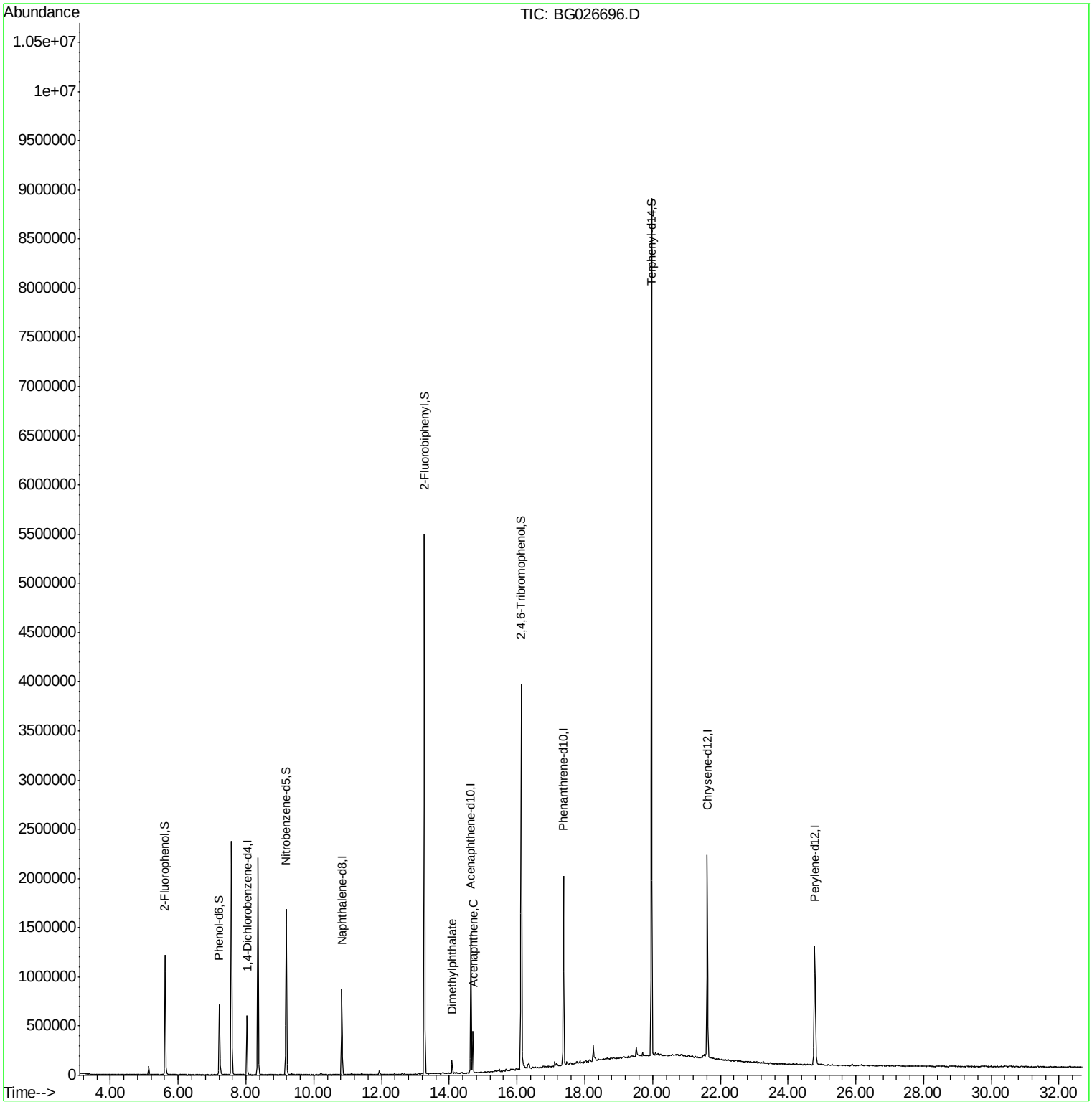
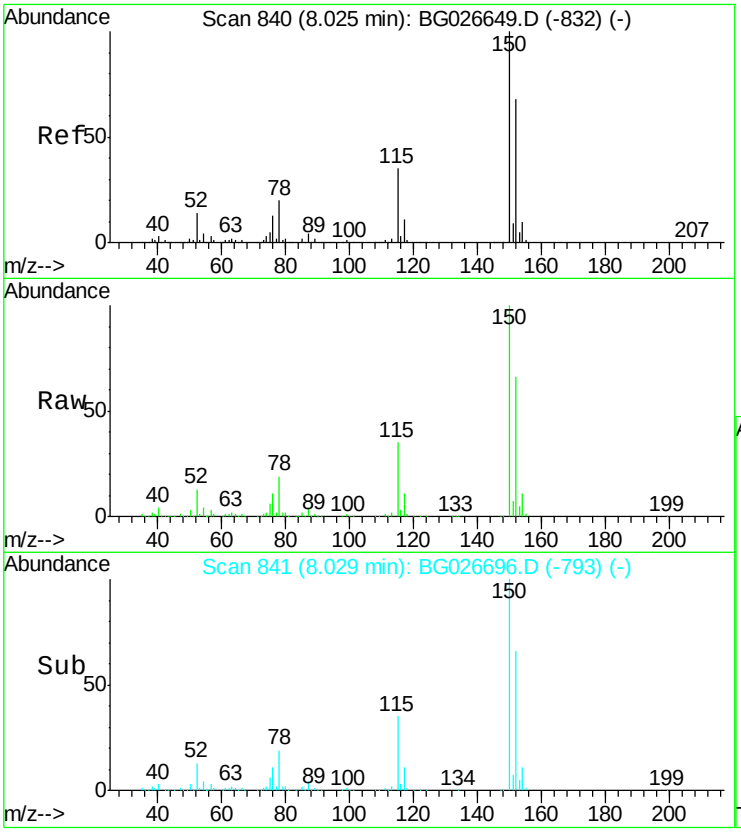


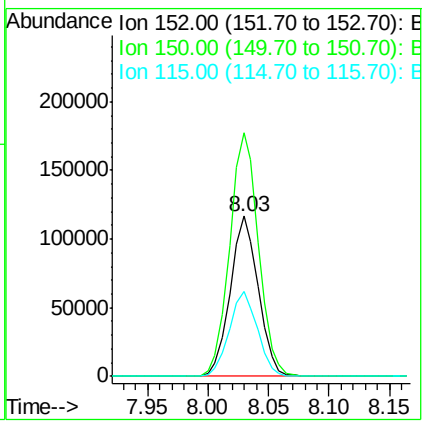


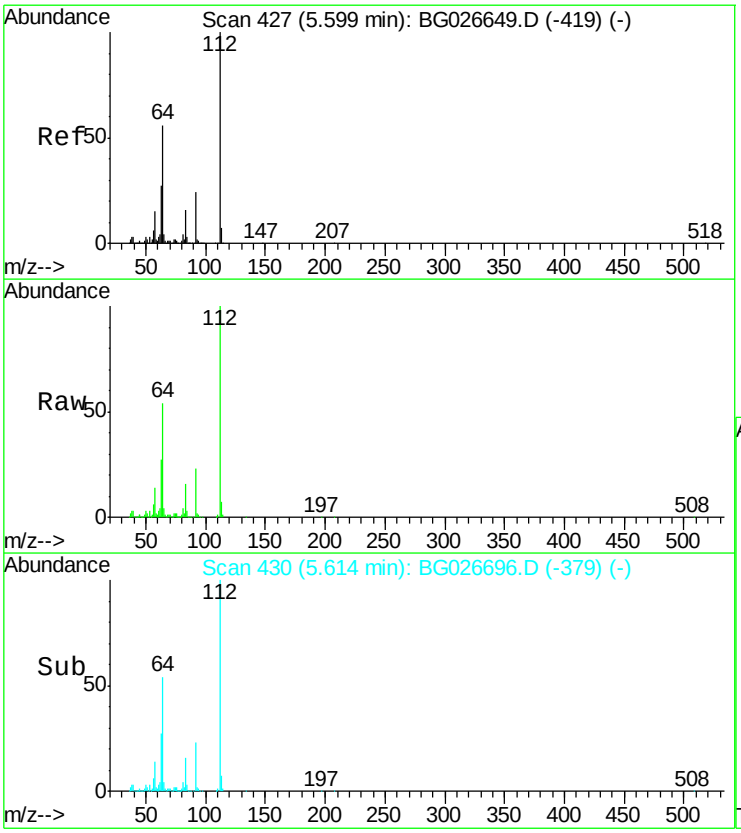
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Instrument :
BNA_G
ClientSampleId :
HW-15-42017

Tgt Ion:152 Resp: 188607

Ion	Ratio	Lower	Upper
152	100		
150	152.2	114.0	171.0
115	53.2	48.1	72.1

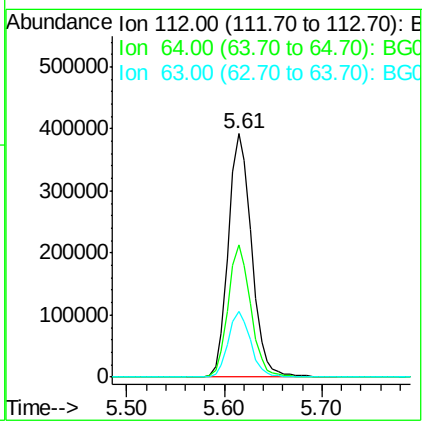


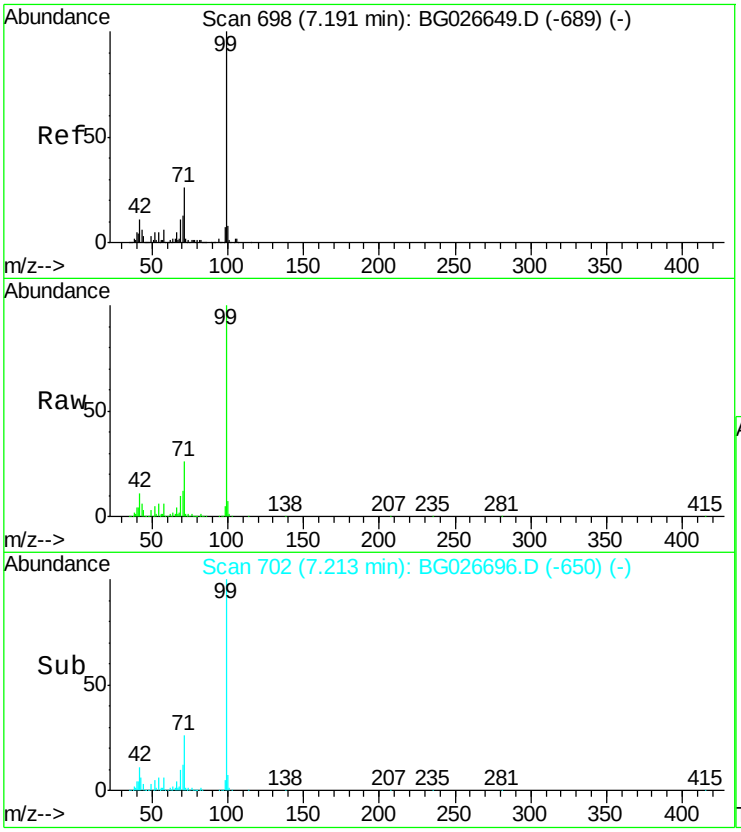


#5
2-Fluorophenol
Concen: 62.80 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Tgt Ion:112 Resp: 651526

Ion	Ratio	Lower	Upper
112	100		
64	54.5	61.8	92.6#
63	27.0	37.2	55.8#



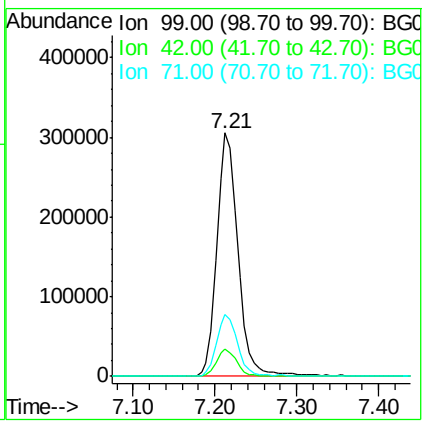


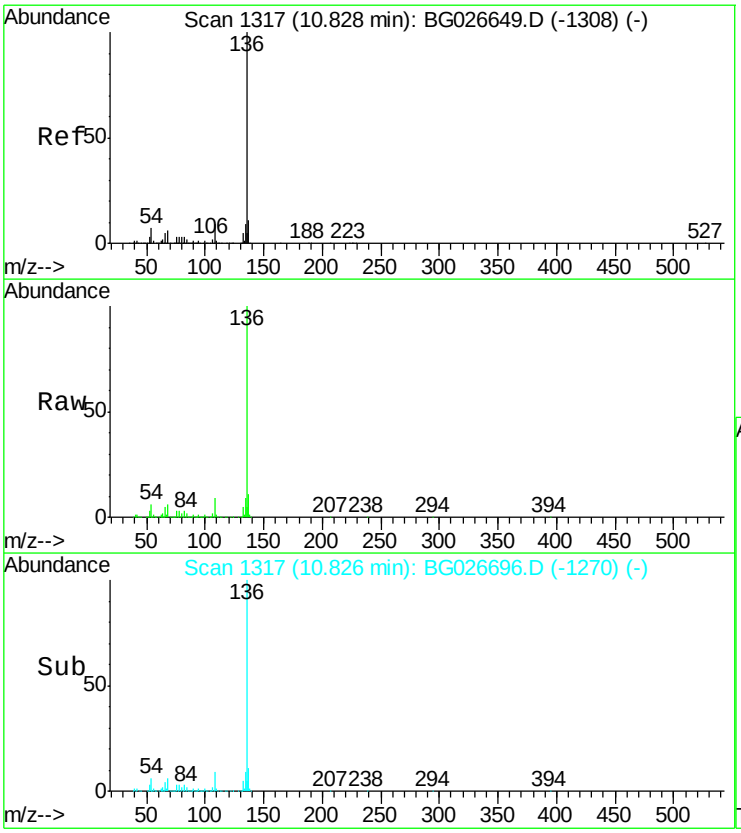
#7
Phenol-d6
Concen: 40.45 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Instrument :
BNA_G
ClientSampleId :
HW-15-42017

Tgt Ion: 99 Resp: 549876

Ion	Ratio	Lower	Upper
99	100		
42	11.1	20.5	30.7#
71	25.6	37.6	56.4#

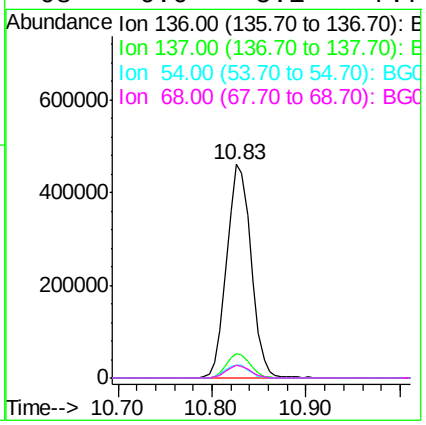


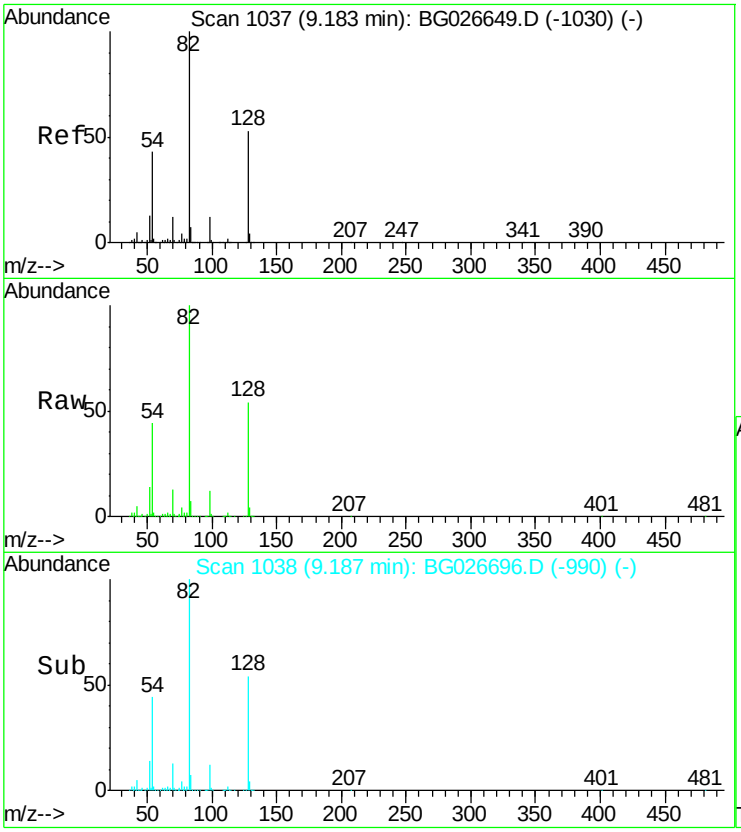


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Tgt Ion:136 Resp: 830358

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.2	9.3	13.9#
68	6.0	5.1	7.7



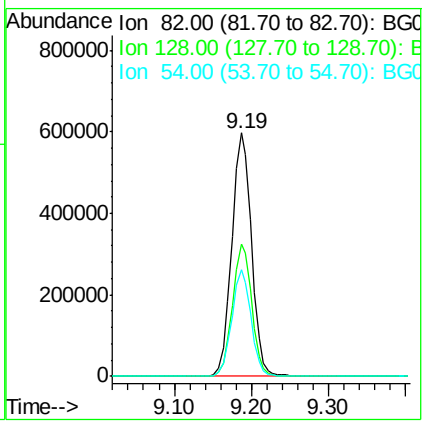


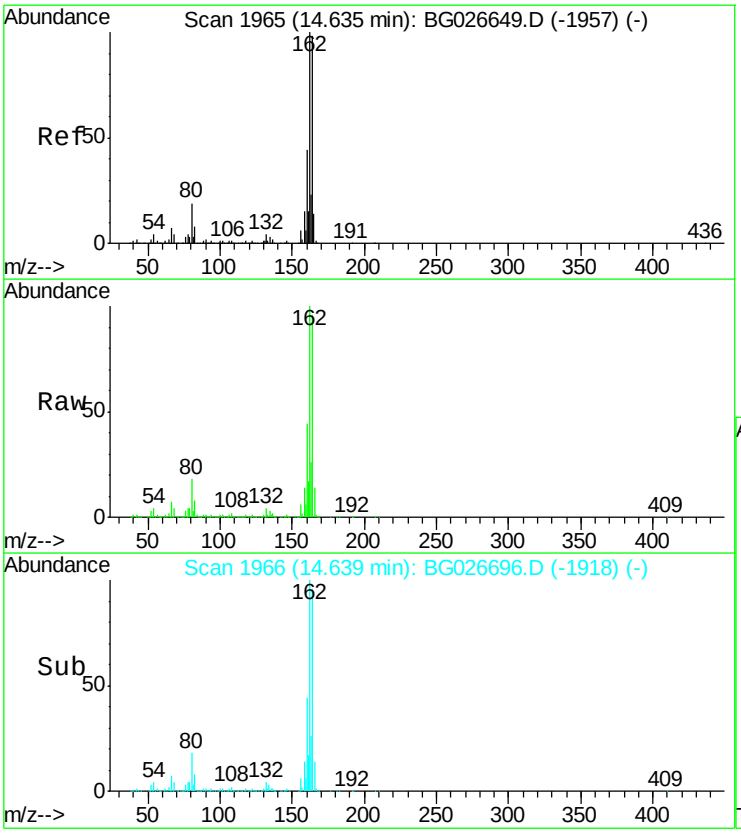
#23
Nitrobenzene-d5
Concen: 89.90 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Instrument :
BNA_G
ClientSampleId :
HW-15-42017

Tgt Ion: 82 Resp: 1069821

Ion	Ratio	Lower	Upper
82	100		
128	54.1	26.4	39.6#
54	43.6	49.4	74.2#

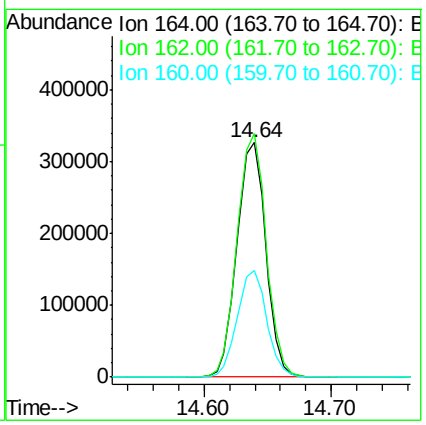


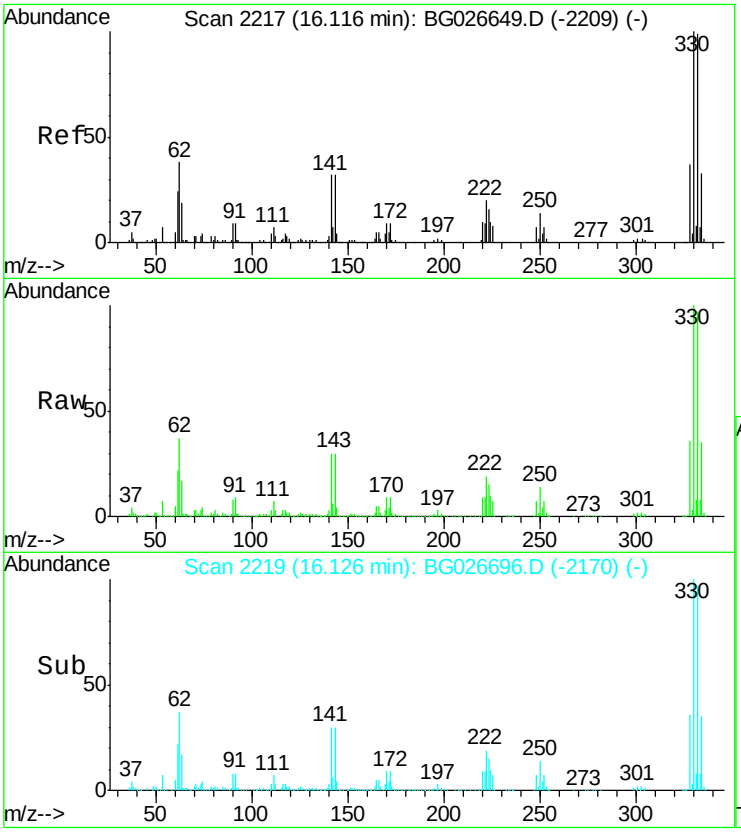


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Tgt Ion:164 Resp: 516792

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	45.3	34.7	52.1



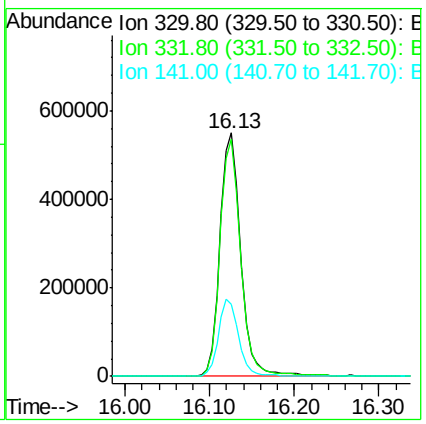


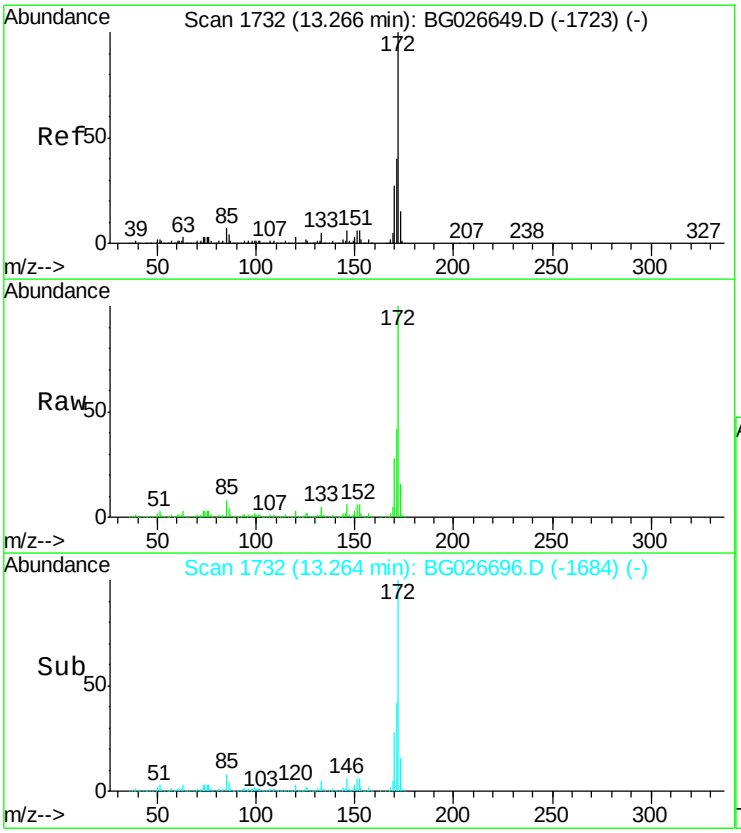
#41
2,4,6-Tribromophenol
Concen: 130.70 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Instrument :
BNA_G
ClientSampleId :
HW-15-42017

Tgt Ion:330 Resp: 941151

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	31.0	32.1	48.1#

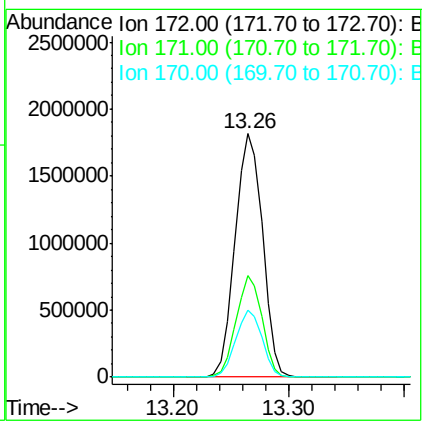


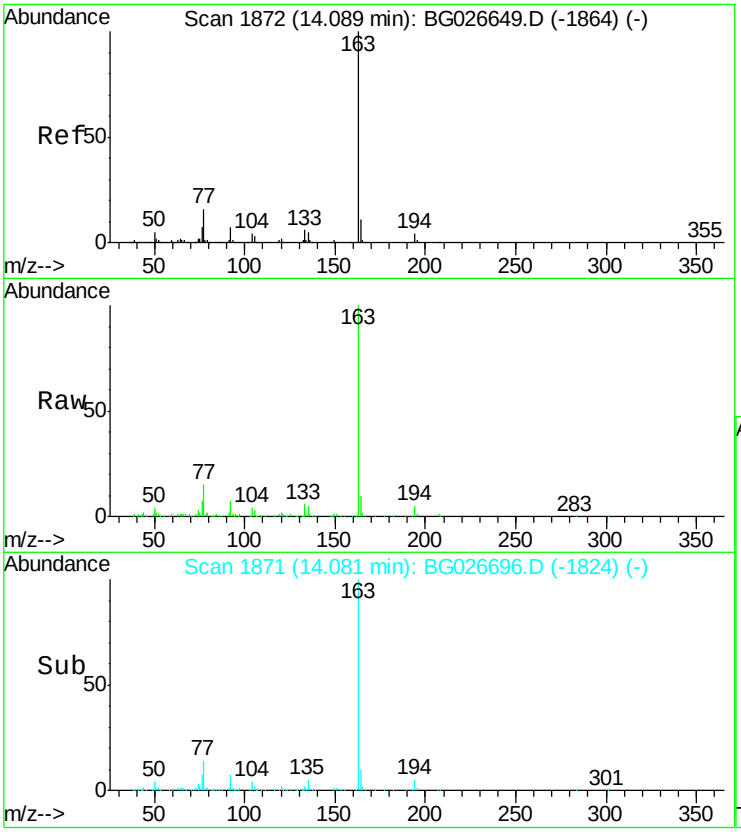


#44
2-Fluorobiphenyl
Concen: 86.00 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Tgt Ion:172 Resp: 2984169

Ion	Ratio	Lower	Upper
172	100		
171	42.0	32.2	48.2
170	27.8	21.8	32.6



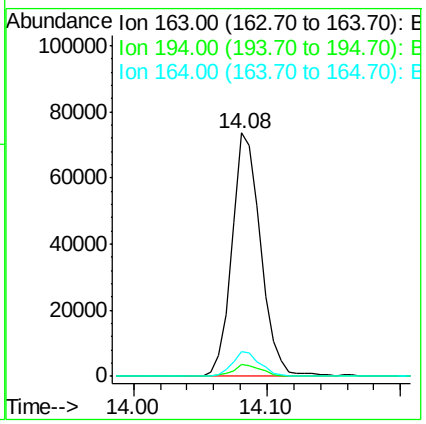


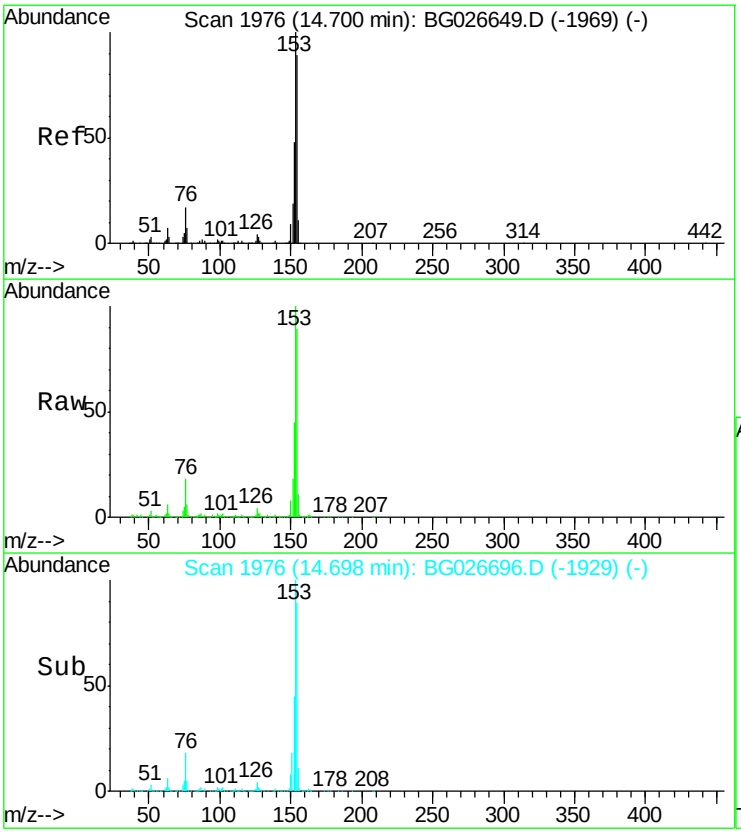
#49
Dimethylphthalate
Concen: 2.69 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Instrument :
BNA_G
ClientSampleId :
HW-15-42017

Tgt Ion:163 Resp: 110242

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	10.2	9.3	13.9

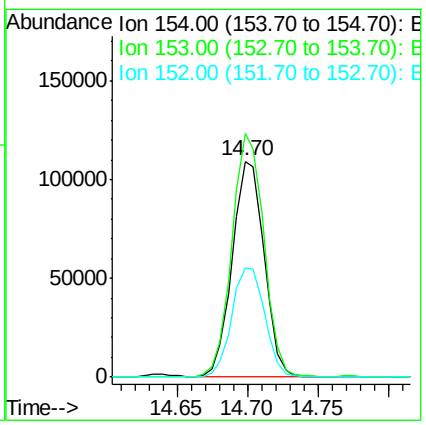


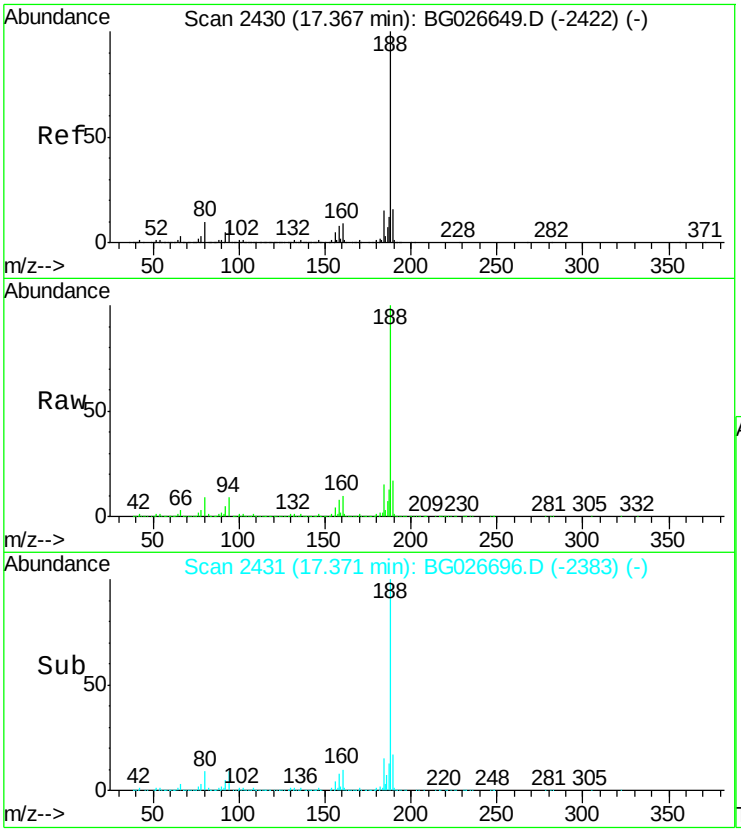


#51
Acenaphthene
Concen: 5.27 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Tgt Ion:154 Resp: 171719

Ion	Ratio	Lower	Upper
154	100		
153	112.9	87.8	131.6
152	50.7	42.2	63.4



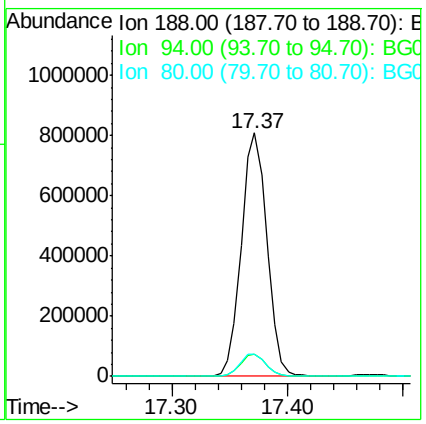


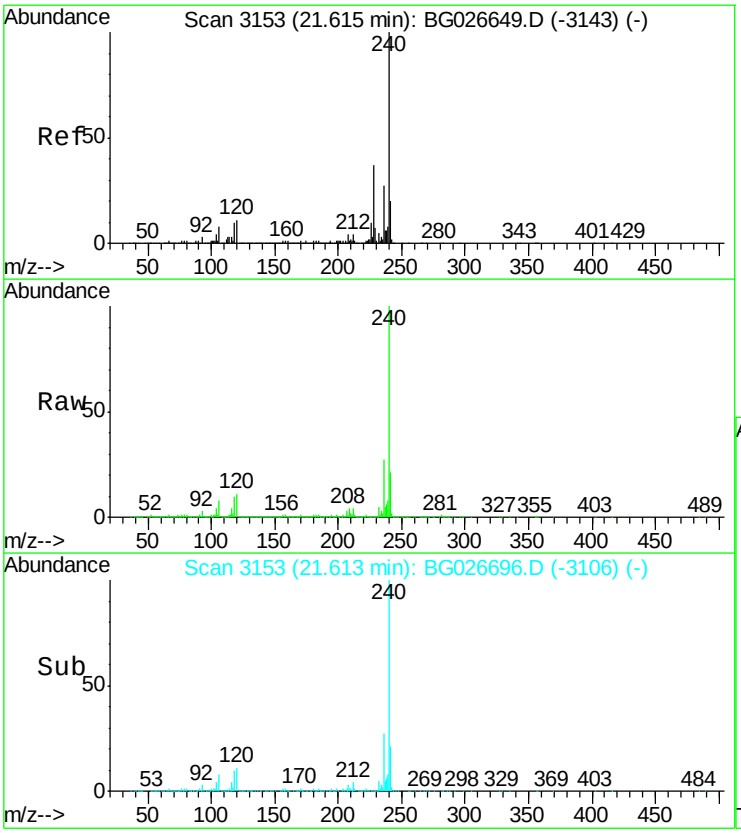
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Instrument :
BNA_G
ClientSampleId :
HW-15-42017

Tgt Ion:188 Resp: 1246221

Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.8	8.8#
80	9.0	7.5	11.3

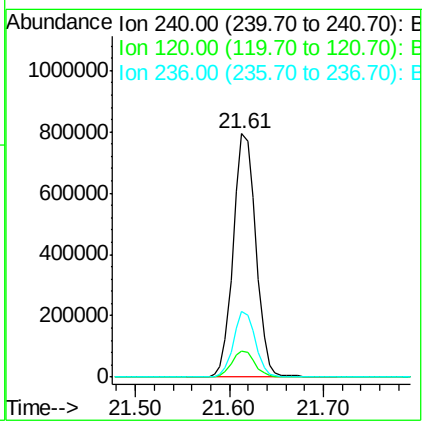


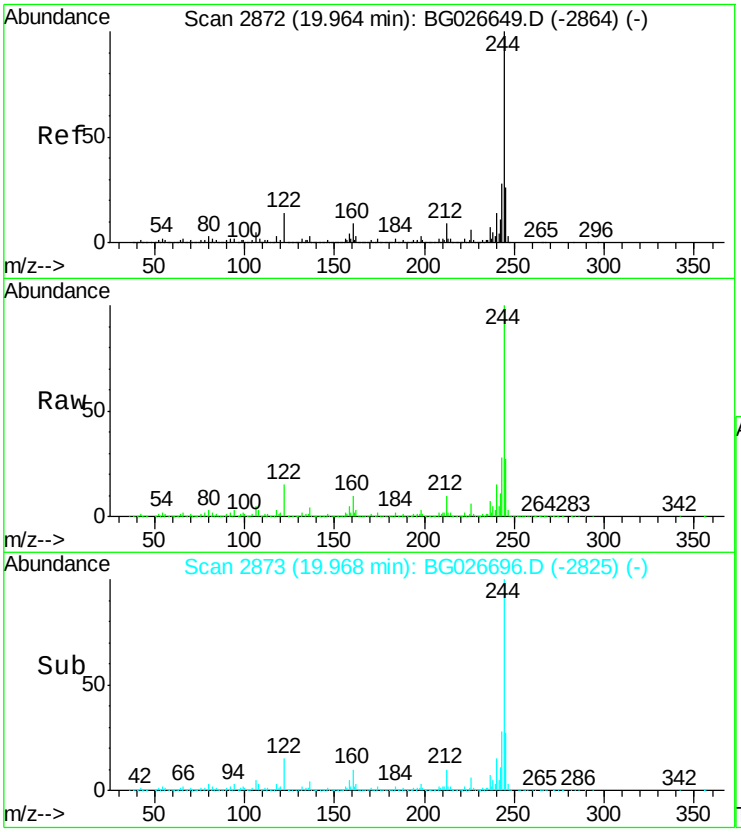


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Tgt Ion:240 Resp: 1331068

Ion	Ratio	Lower	Upper
240	100		
120	10.8	5.7	8.5#
236	26.7	22.2	33.4



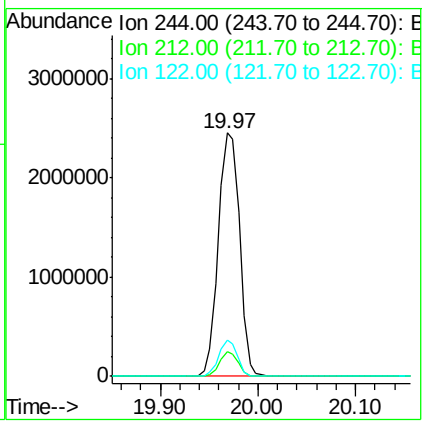


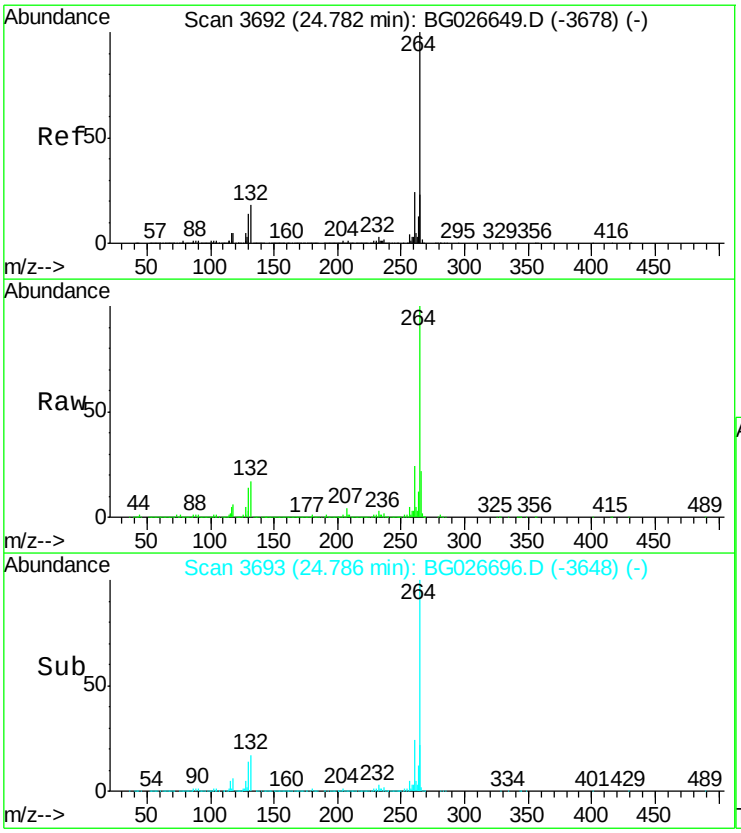
#78
Terphenyl-d14
Concen: 82.22 ng
RT: 19.97 min Scan# 2873
Delta R.T. -0.02 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Instrument :
BNA_G
ClientSampleId :
HW-15-42017

Tgt Ion:244 Resp: 3706803

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.0	15.0
122	15.1	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.04 min
Lab File: BG026696.D
Acq: 21 Apr 2017 21:30

Tgt Ion:264 Resp: 1299751

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.7	18.2	27.4