Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021643.D
Acq On : 14 Apr 2016 6:55
Operator : UM/SJ
Sample : H2372-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GMW-9

Quant Time: Apr 14 11:45:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30121	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	140459	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	90662	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	218882	20.00	ng	0.00
75) Chrysene-d12	21.83	240	251961	20.00	ng	0.00
86) Perylene-d12	25.15	264	243646	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	178270	98.56	ng	0.00
7) Phenol-d6	7.36	99	185718	68.74	ng	0.00
23) Nitrobenzene-d5	9.38	82	277832	101.67	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	162608	166.42	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	629539	101.74	ng	0.00
78) Terphenyl-d14	20.15	244	830077	82.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	3046	3.78	ng	# 64
49) Dimethylphthalate	14.27	163	16002	2.04	ng	100

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

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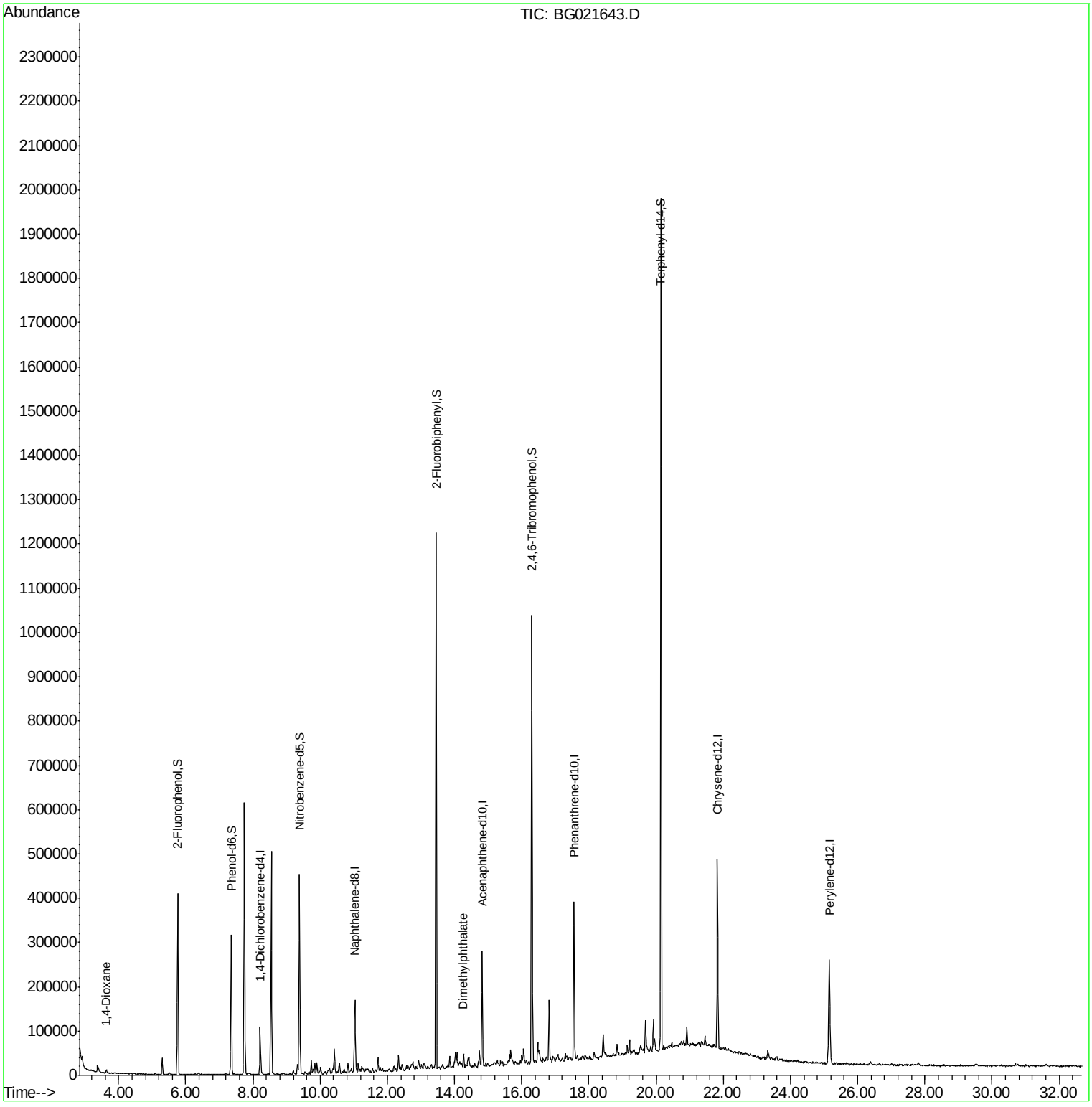
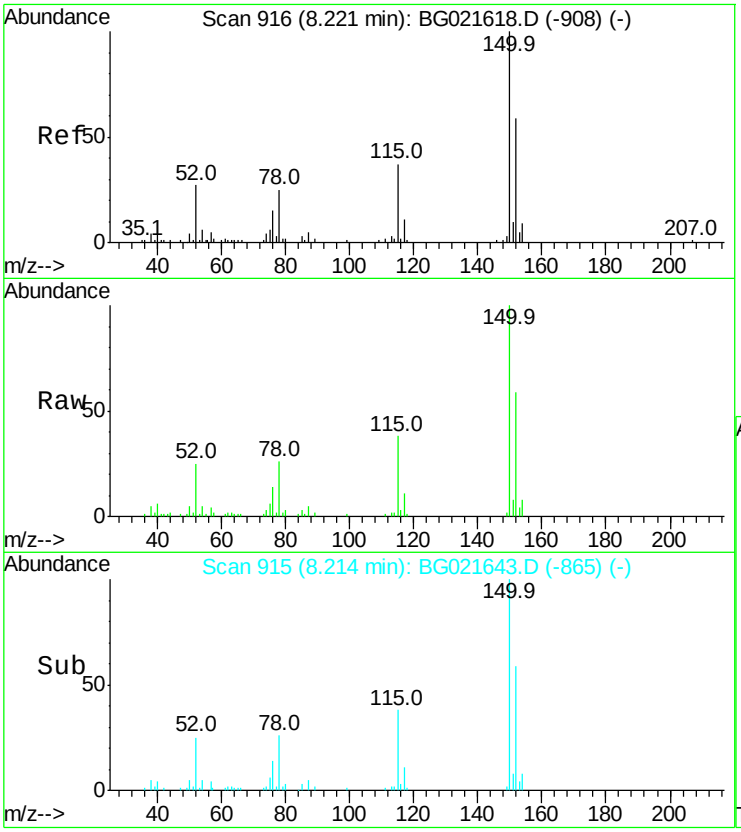


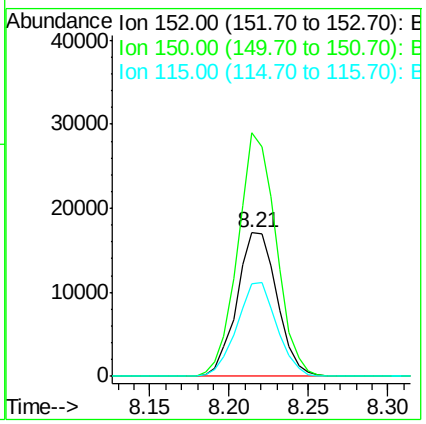


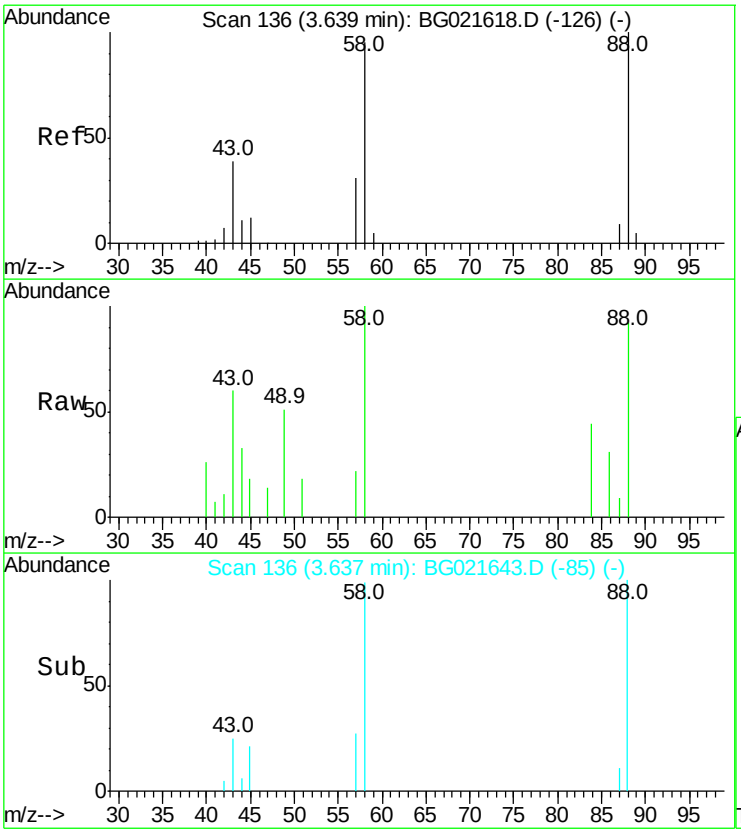
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tgt Ion:152 Resp: 30121

Ion	Ratio	Lower	Upper
152	100		
150	170.0	130.1	195.1
115	64.5	62.2	93.2

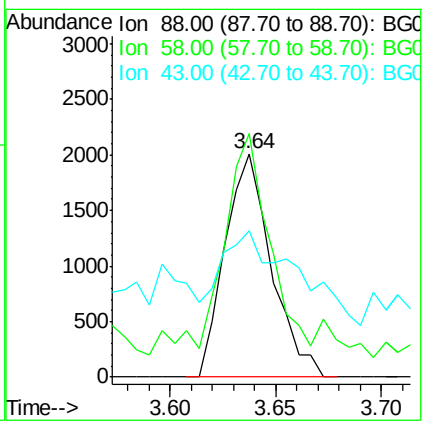


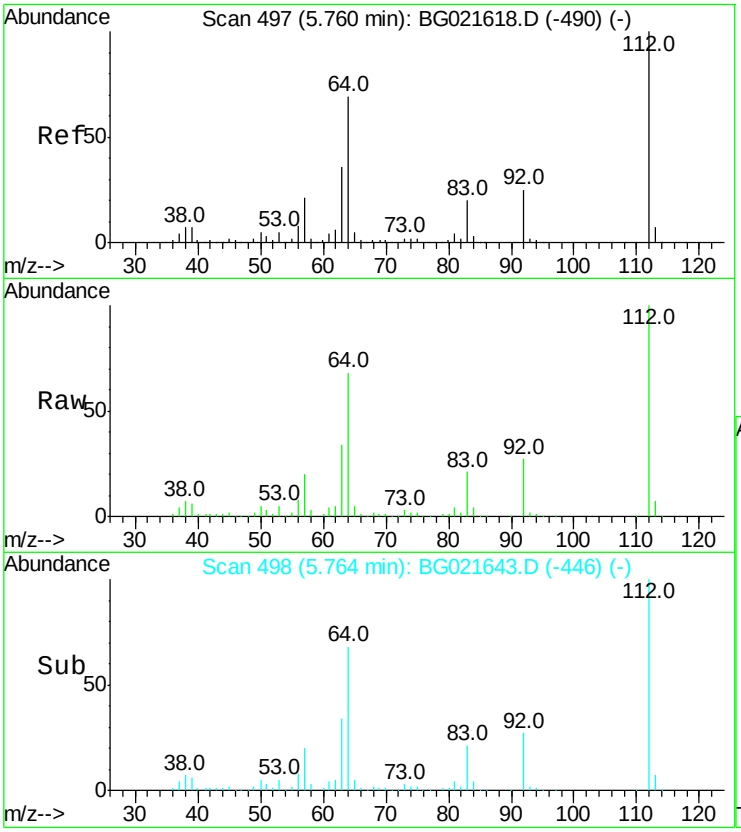


#2
1,4-Dioxane
Concen: 3.78 ng
RT: 3.64 min Scan# 136
Delta R.T. -0.00 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Tgt Ion: 88 Resp: 3046

Ion	Ratio	Lower	Upper
88	100		
58	100.4	61.8	92.8#
43	67.4	27.3	40.9#



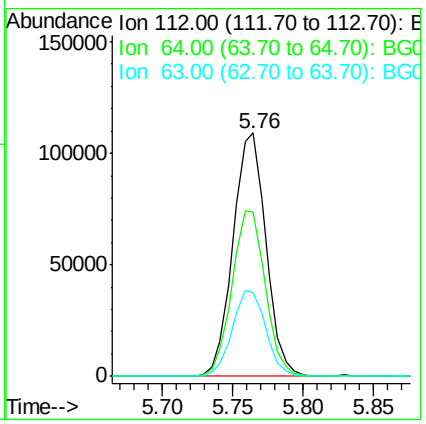


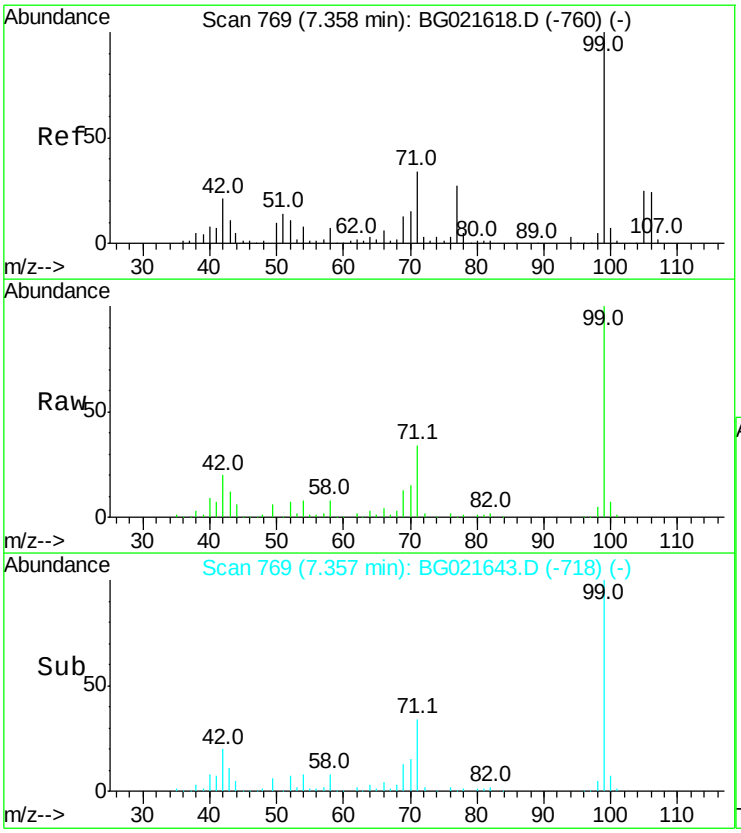
#5
2-Fluorophenol
Concen: 98.56 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tgt Ion:112 Resp: 178270

Ion	Ratio	Lower	Upper
112	100		
64	67.7	51.1	76.7
63	34.3	24.6	37.0

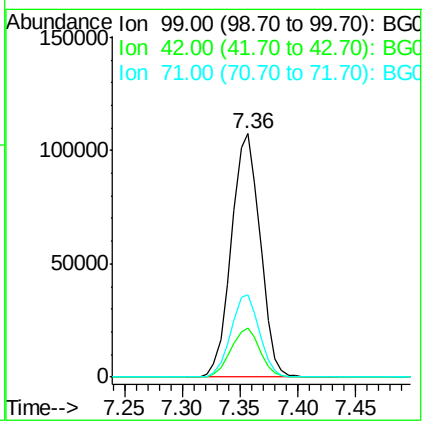


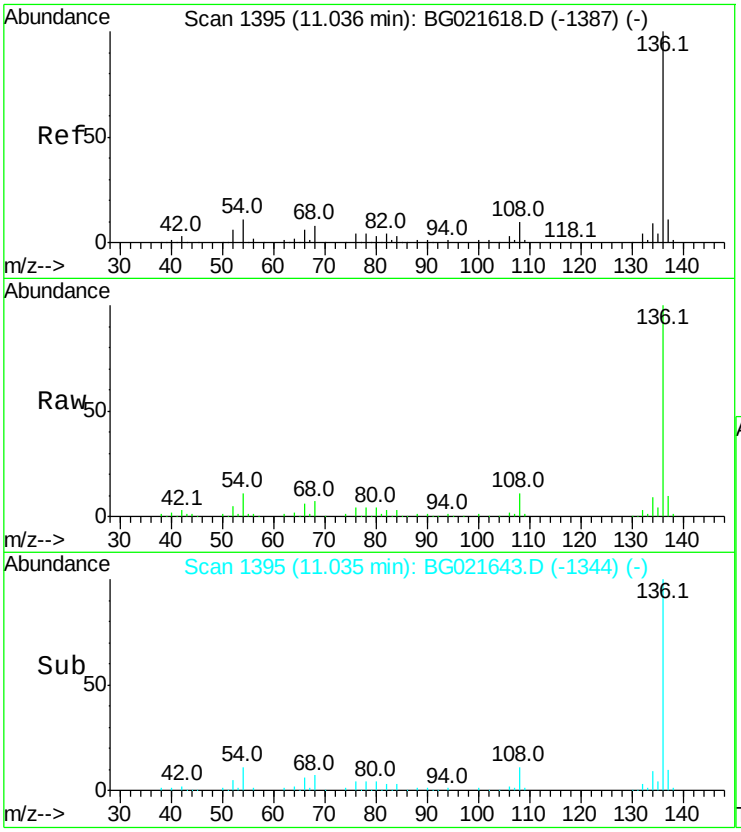


#7
Phenol-d6
Concen: 68.74 ng
RT: 7.36 min Scan# 769
Delta R.T. -0.00 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Tgt Ion: 99 Resp: 185718

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.4	24.6
71	34.0	25.0	37.4



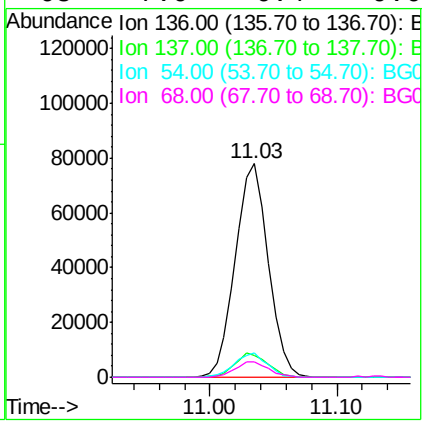


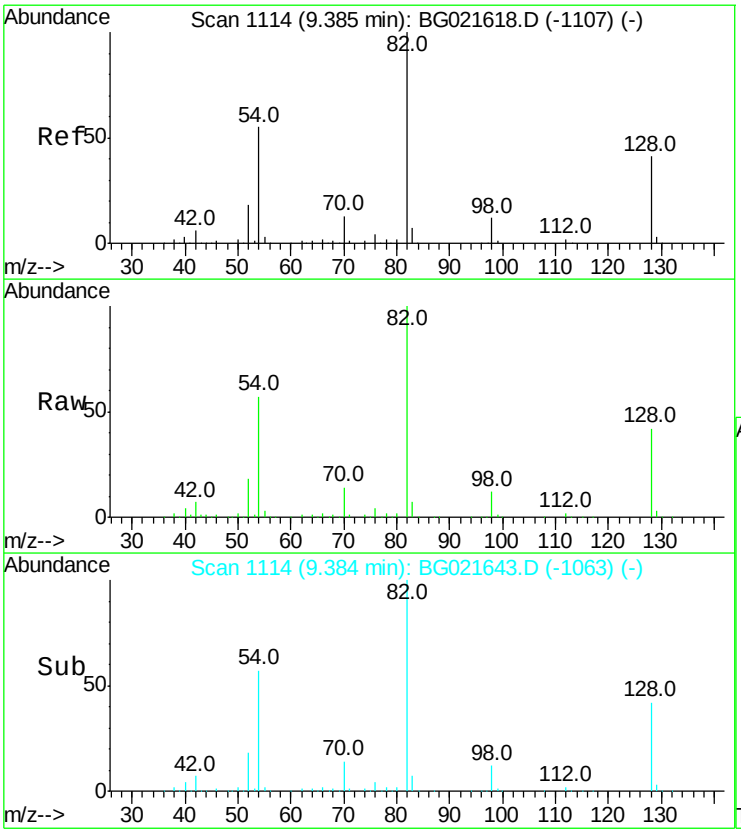
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tgt Ion:136 Resp: 140459

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.4
54	11.4	9.6	14.4
68	7.0	6.4	9.6

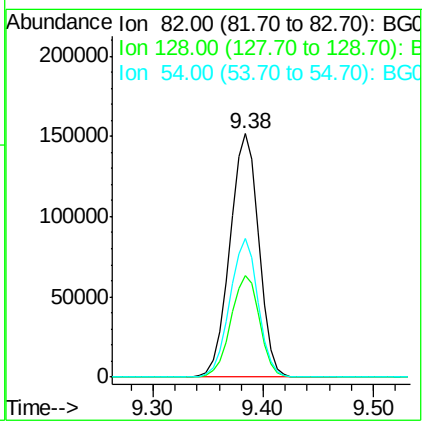


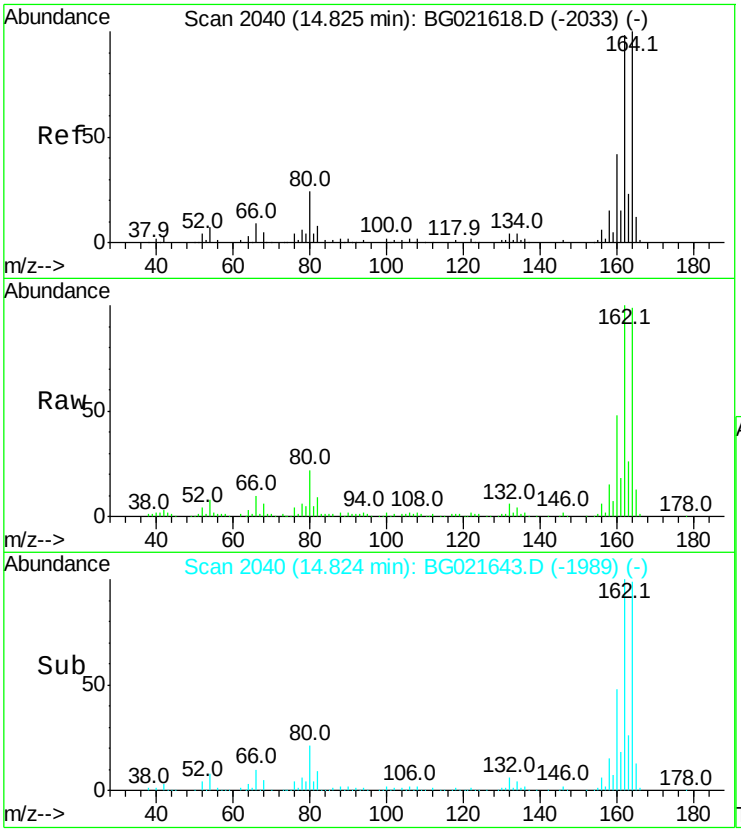


#23
Nitrobenzene-d5
Concen: 101.67 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Tgt Ion: 82 Resp: 277832

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.0
54	56.8	46.1	69.1



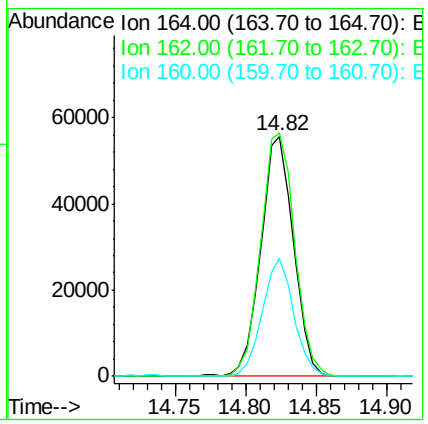


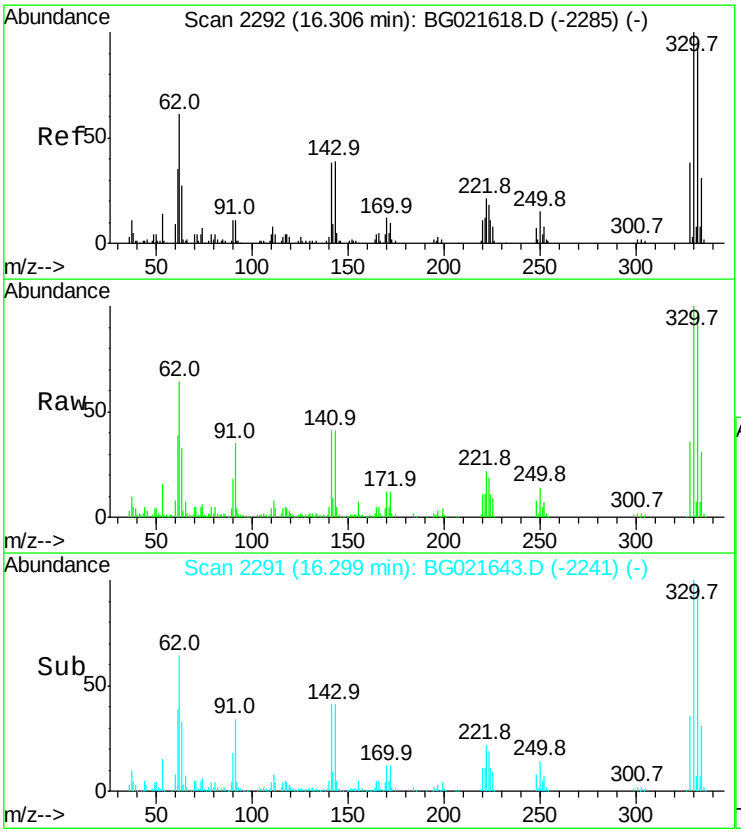
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tgt Ion:164 Resp: 90662

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.0	117.0
160	49.1	32.9	49.3

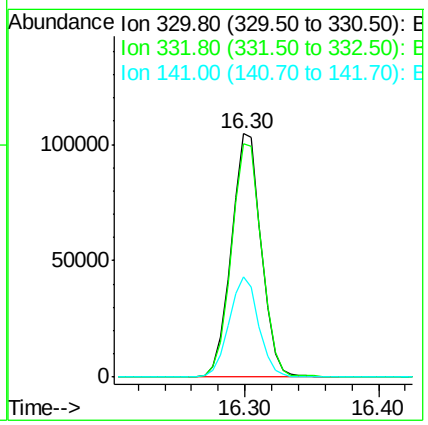


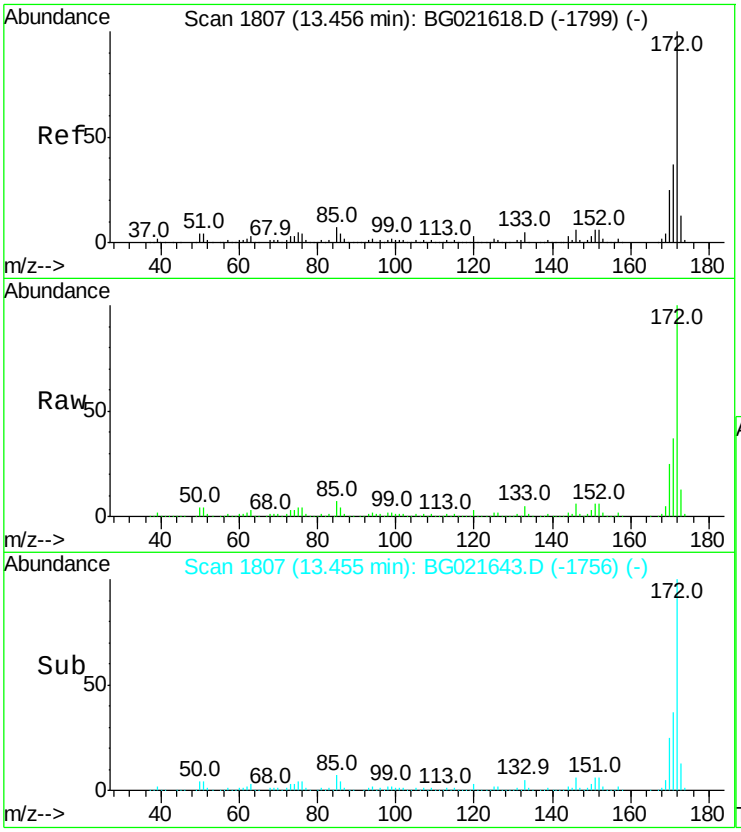


#41
2,4,6-Tribromophenol
Concen: 166.42 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Tgt Ion:330 Resp: 162608

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	41.7	33.8	50.8



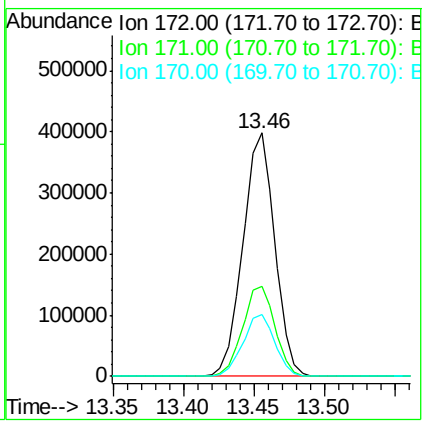


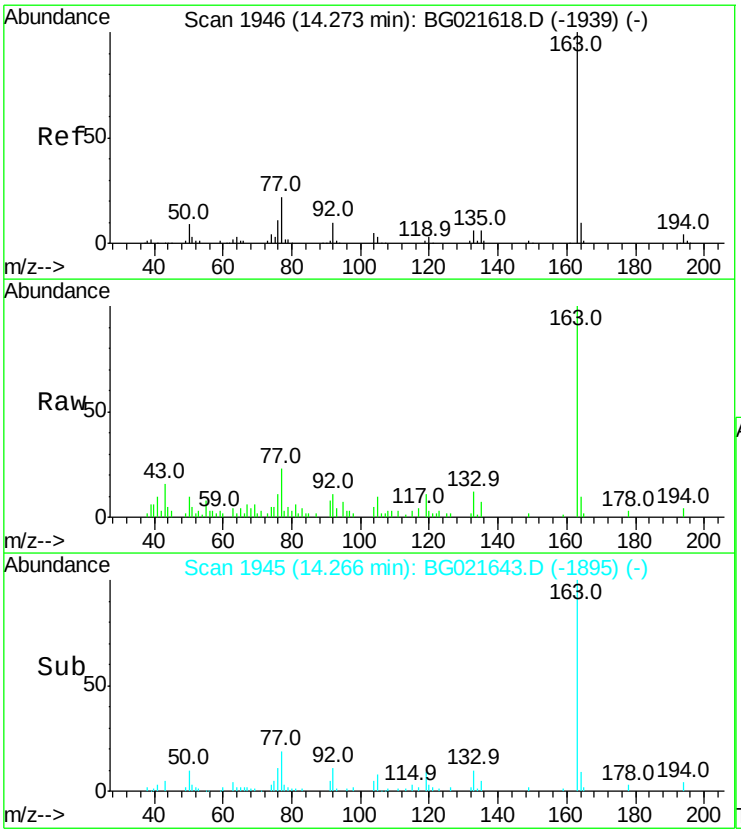
#44
2-Fluorobiphenyl
Concen: 101.74 ng
RT: 13.46 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tgt Ion:172 Resp: 629539

Ion	Ratio	Lower	Upper
172	100		
171	37.2	27.8	41.6
170	25.5	19.6	29.4

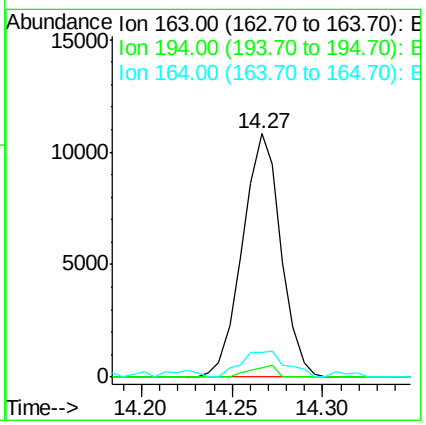


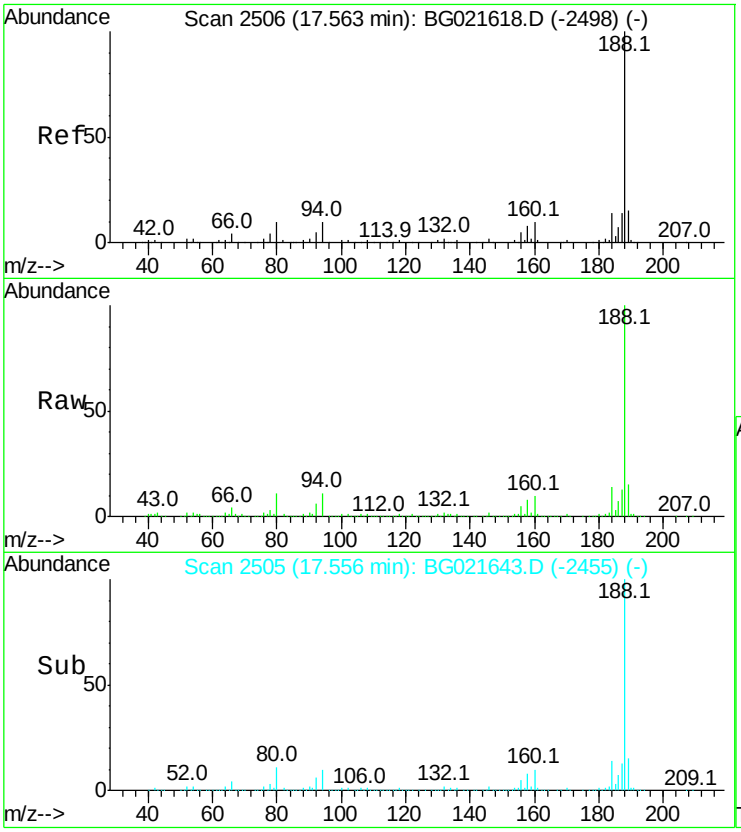


#49
Dimethylphthalate
Concen: 2.04 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Tgt Ion:163 Resp: 16002

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	8.1	12.1



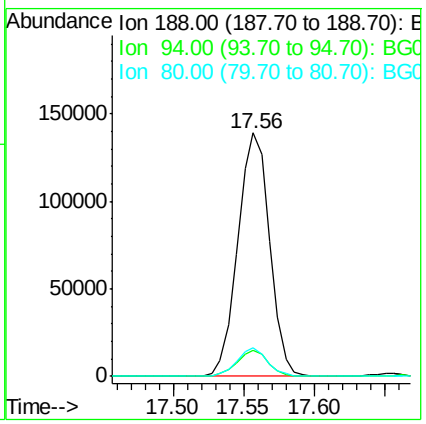


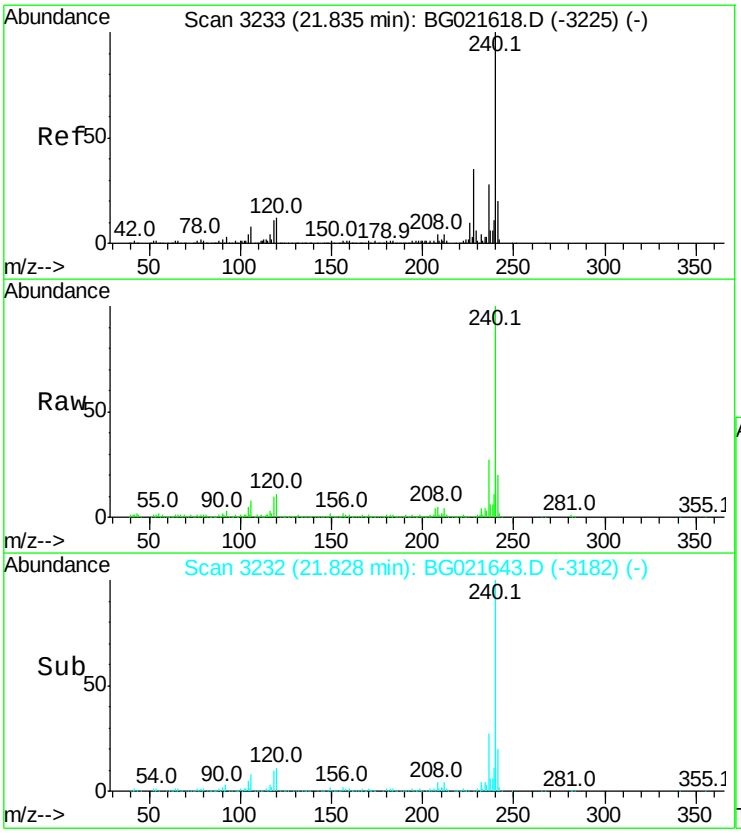
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tgt Ion:188 Resp: 218882

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.5	11.3
80	11.5	8.6	13.0

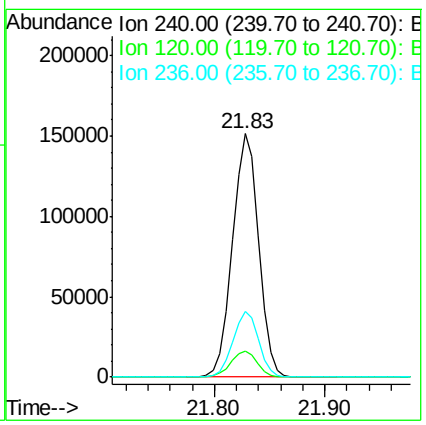


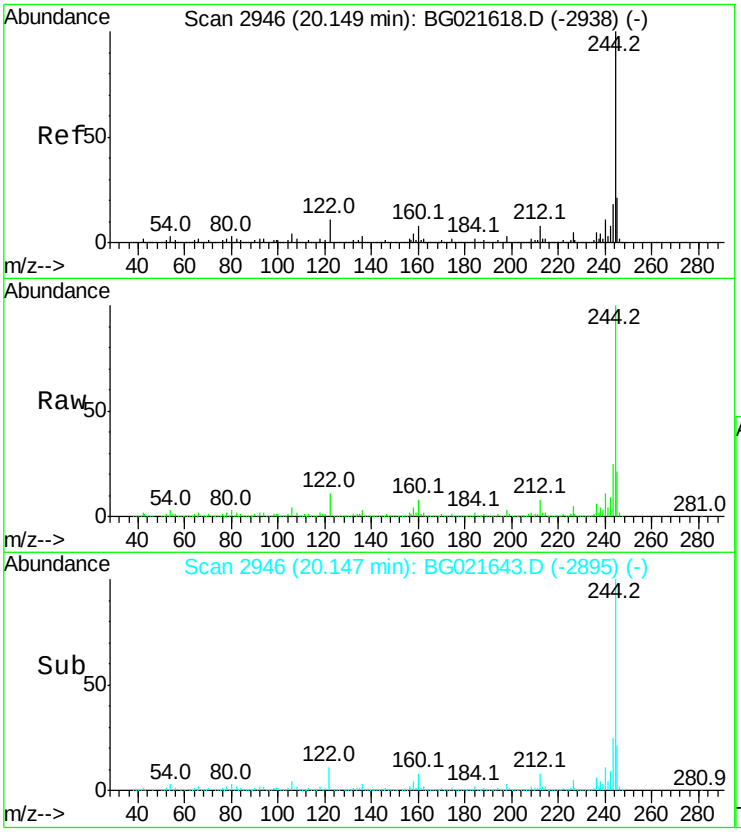


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Tgt Ion:240 Resp: 251961

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.7	19.6	29.4



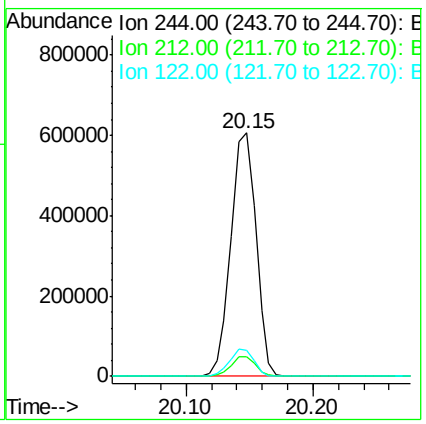


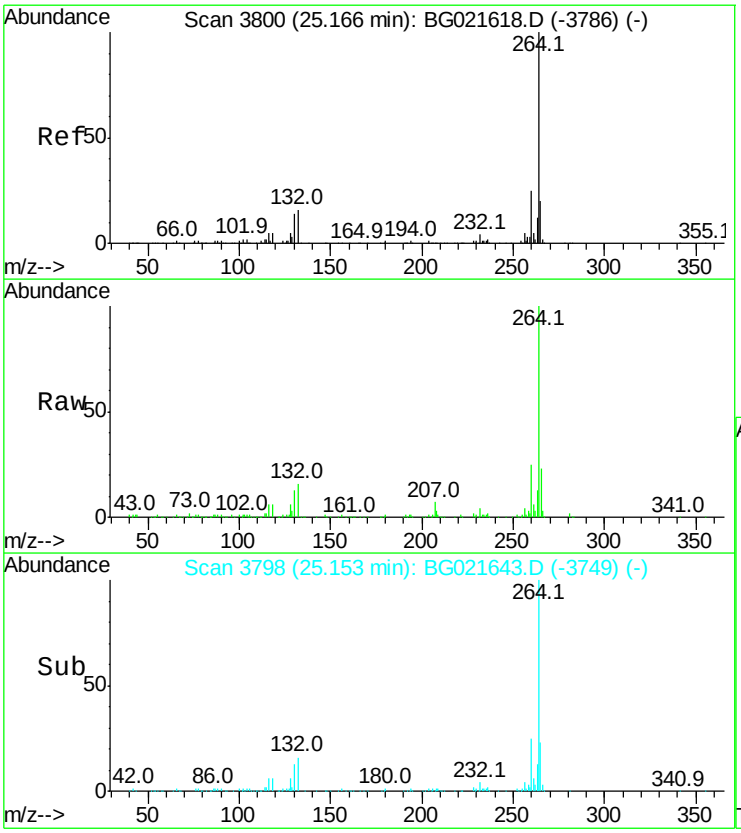
#78
Terphenyl-d14
Concen: 82.20 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tgt Ion:244 Resp: 830077

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.7	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Tgt Ion:264 Resp: 243646

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	23.2	17.8	26.8