Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030718.D
Acq On : 4 Nov 2017 2:31
Operator : SJ/JU
Sample : I6313-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PET-BF013-01

Quant Time: Nov 04 03:07:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	51621	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	242038	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	170314	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	426272	20.00	ng	0.00
75) Chrysene-d12	21.78	240	480648	20.00	ng	0.00
86) Perylene-d12	25.08	264	487409	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	268609	86.93	ng	0.00
7) Phenol-d6	7.31	99	376829	86.88	ng	0.00
23) Nitrobenzene-d5	9.32	82	219023	57.50	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	192610	87.59	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	645381	55.58	ng	0.00
78) Terphenyl-d14	20.09	244	1107657	52.43	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.33	94	15422	3.298	ng	92
49) Dimethylphthalate	14.21	163	67258	5.061	ng	98

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

Quantitation Report (QT/LSC Reviewed)

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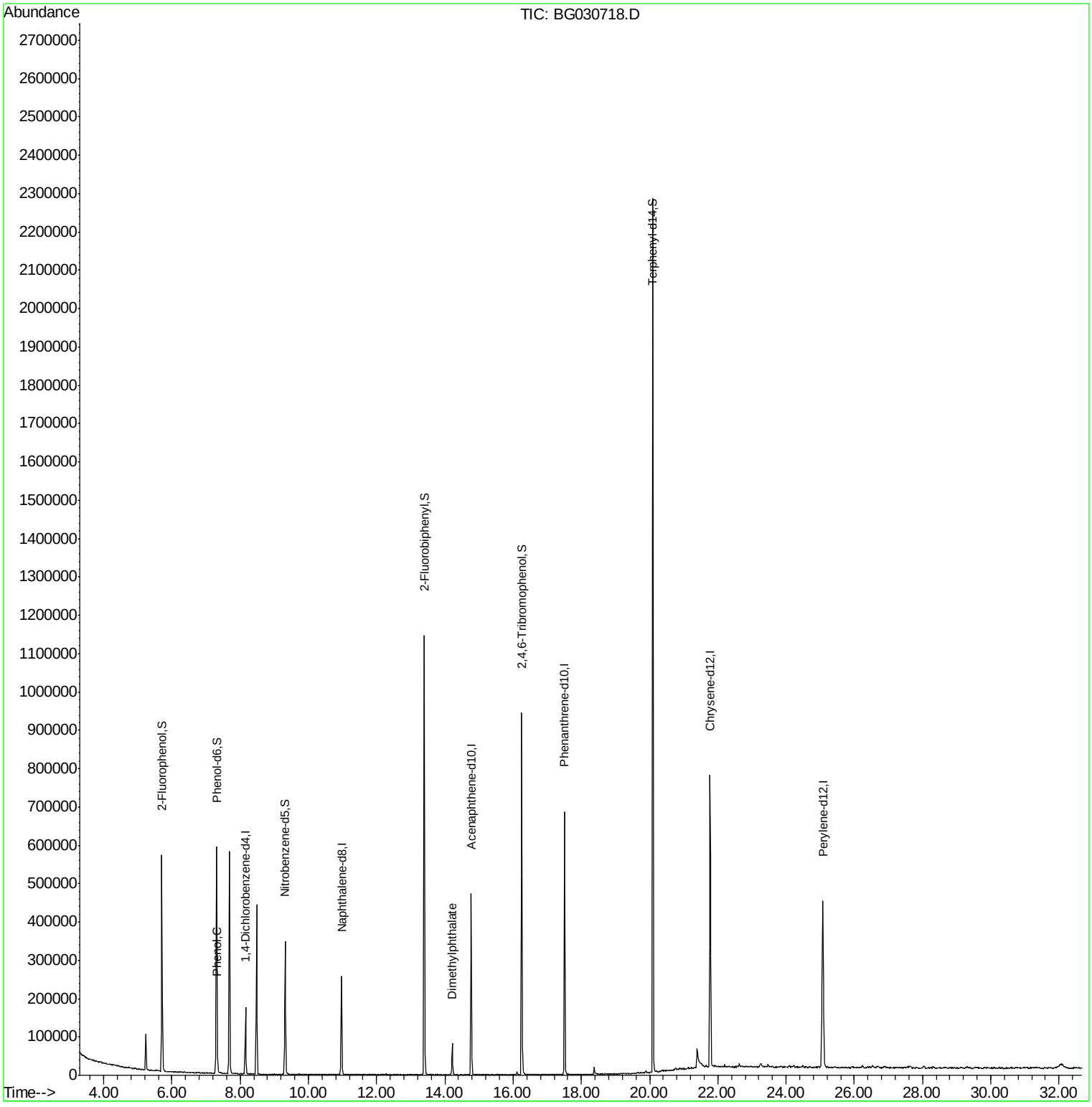
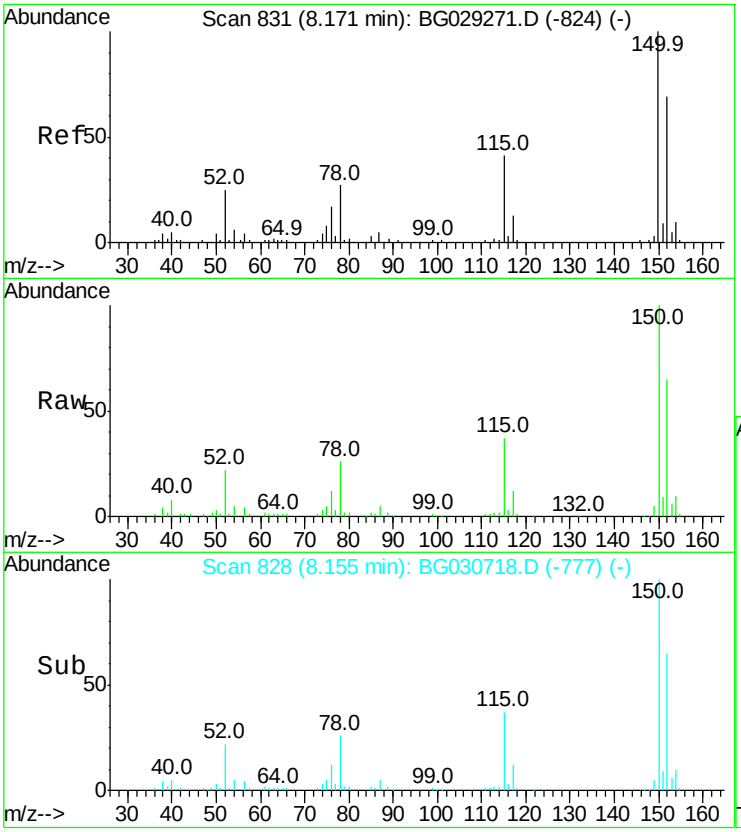


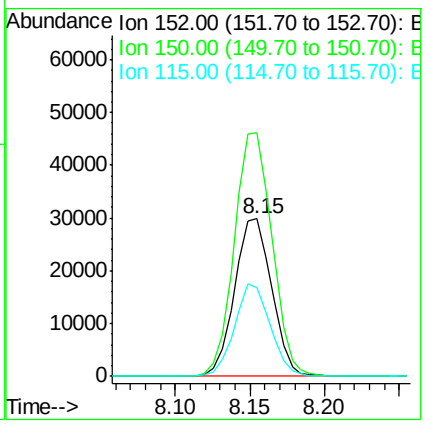


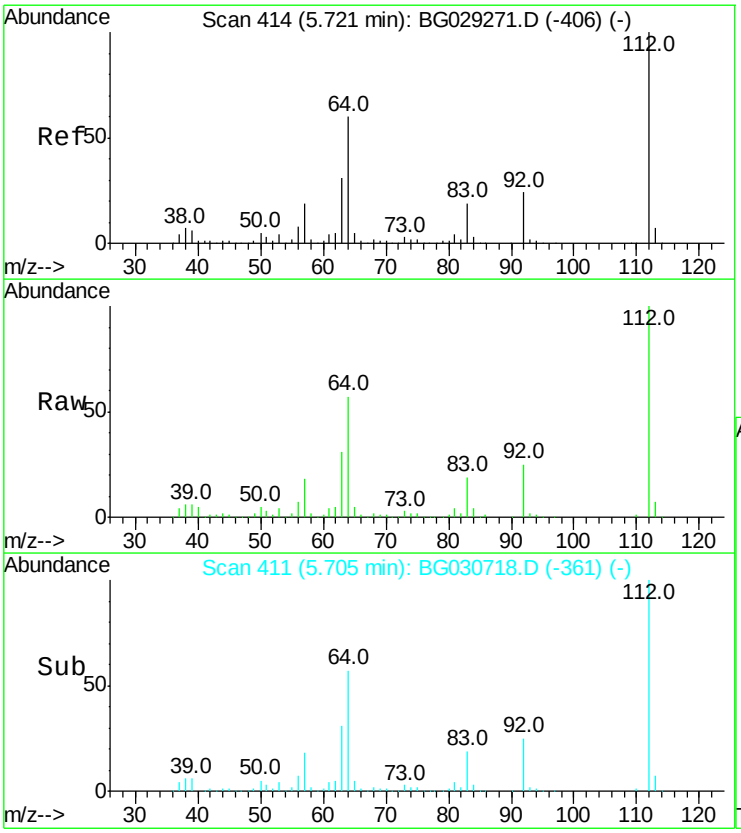
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Instrument :
BNA_G
ClientSampleId :
PET-BF013-01

Tgt Ion:152 Resp: 51621

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	56.6	53.0	79.4

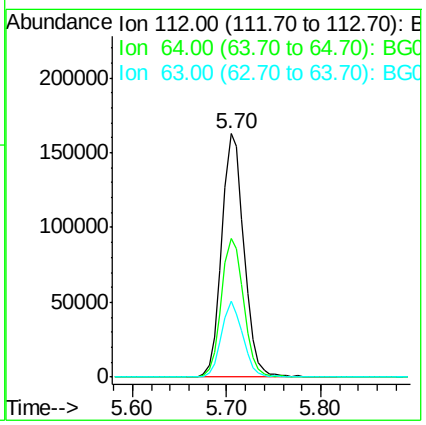


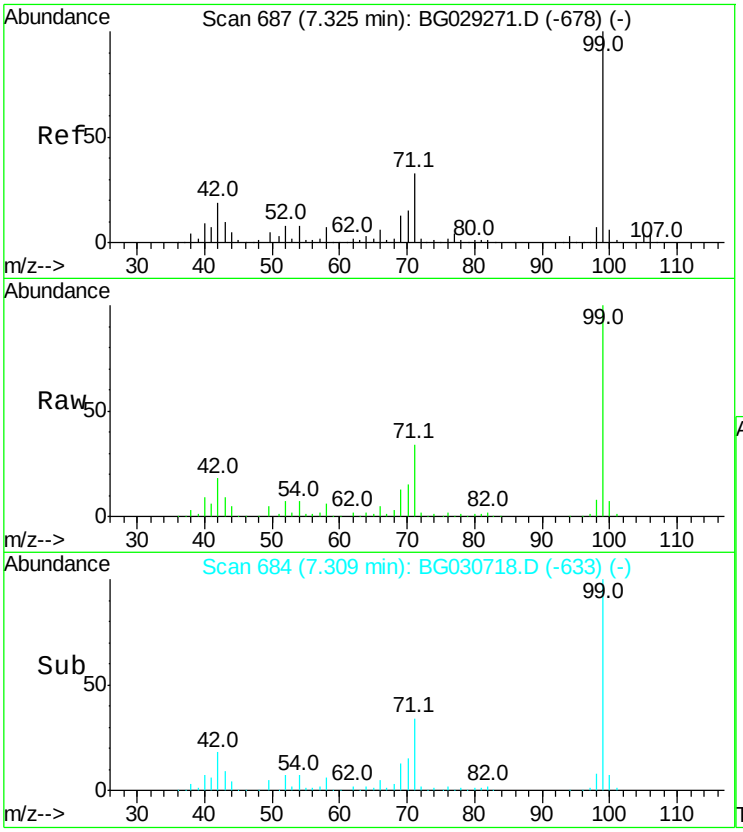


#5
2-Fluorophenol
Concen: 86.927 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Tgt Ion:112 Resp: 268609

Ion	Ratio	Lower	Upper
112	100		
64	57.1	56.3	84.5
63	31.4	30.1	45.1



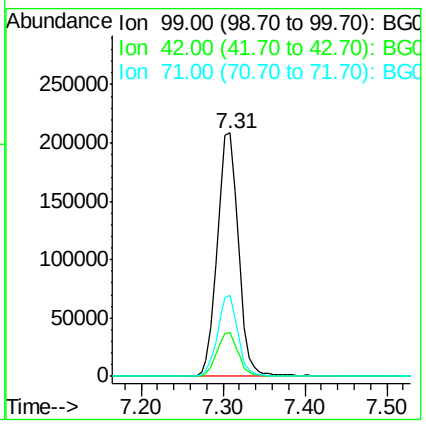


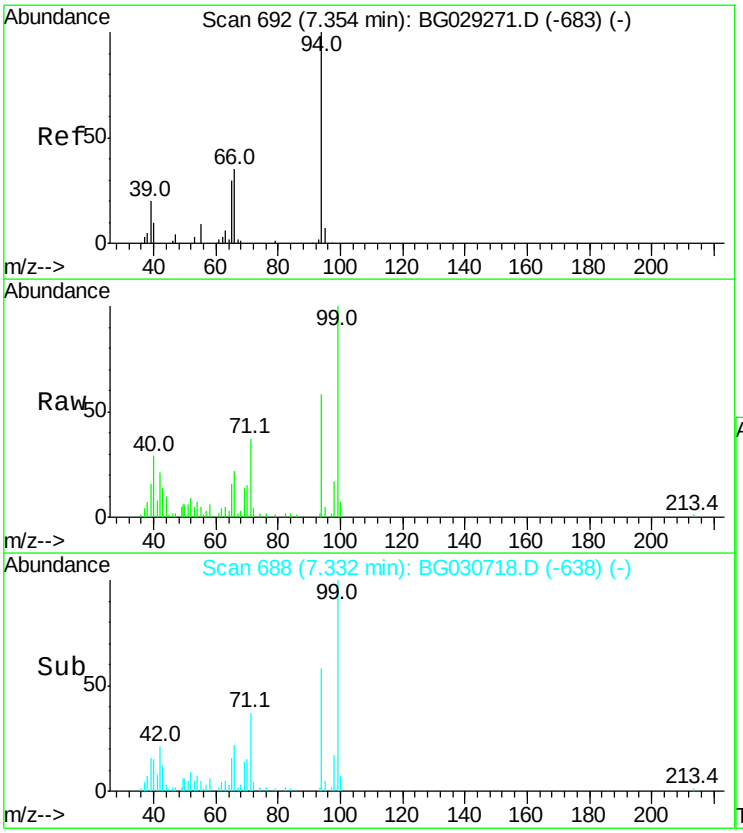
#7
Phenol-d6
Concen: 86.879 ng
RT: 7.31 min Scan# 684
Delta R.T. 0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Instrument :
BNA_G
ClientSampleId :
PET-BF013-01

Tgt Ion: 99 Resp: 376829

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	33.5	26.1	39.1

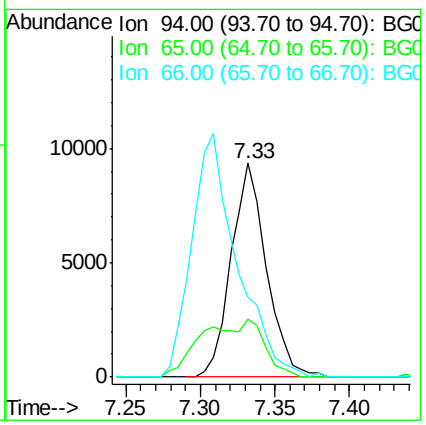


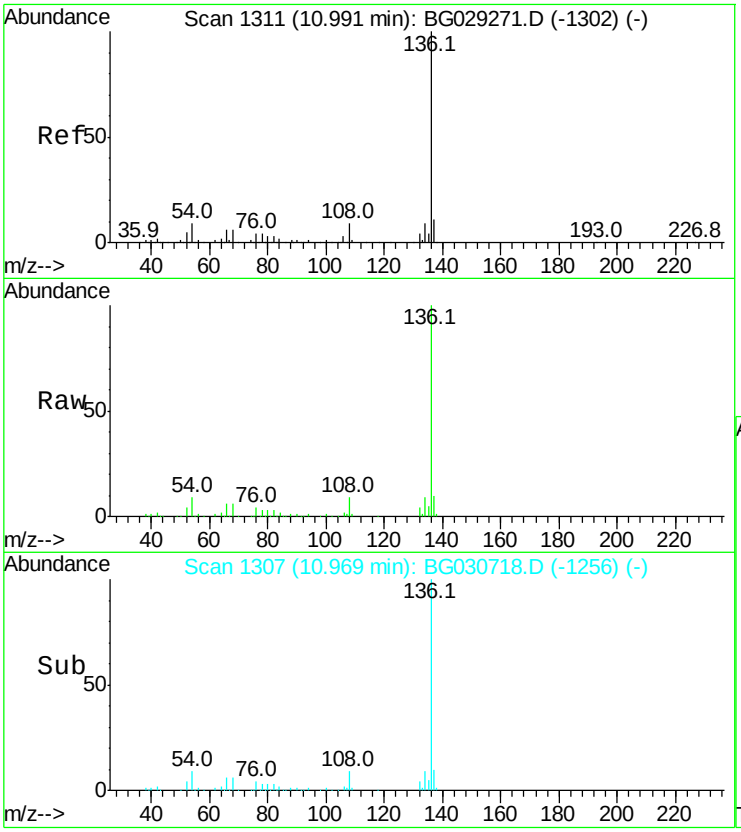


#10
Phenol
Concen: 3.298 ng
RT: 7.33 min Scan# 688
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Tgt Ion: 94 Resp: 15422

Ion	Ratio	Lower	Upper
94	100		
65	27.3	11.9	51.9
66	37.5	22.2	62.2



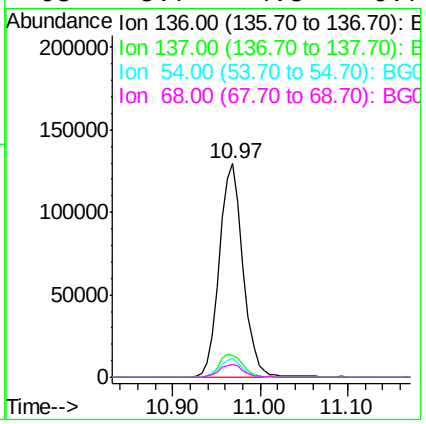


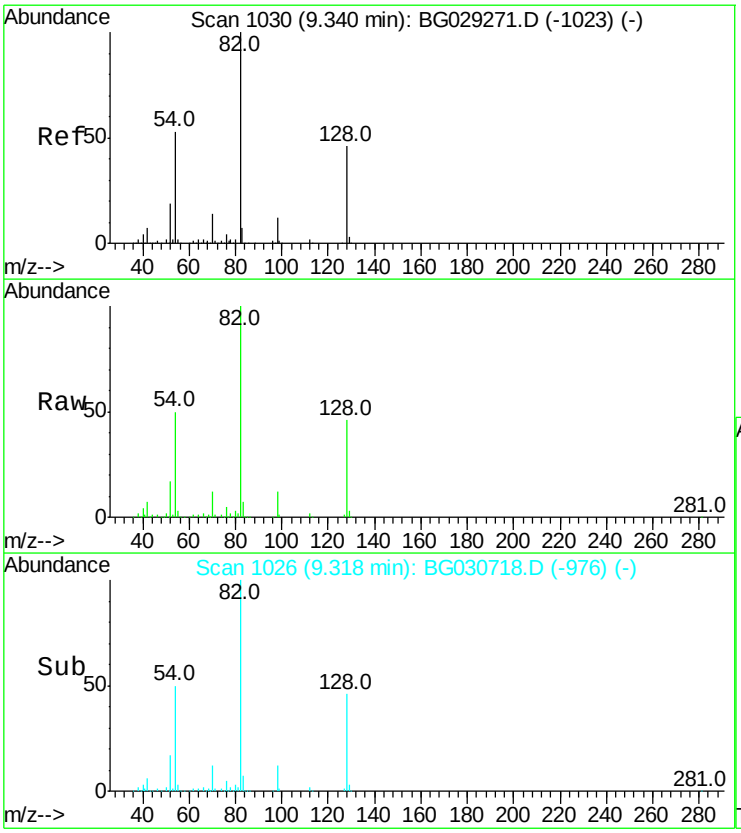
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Instrument :
BNA_G
ClientSampleId :
PET-BF013-01

Tgt Ion:136 Resp: 242038

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	9.0	10.3	15.5#
68	5.7	4.5	6.7

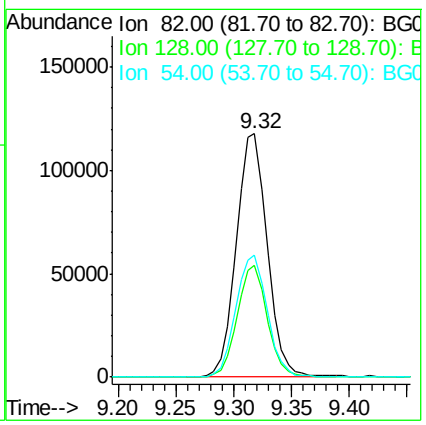


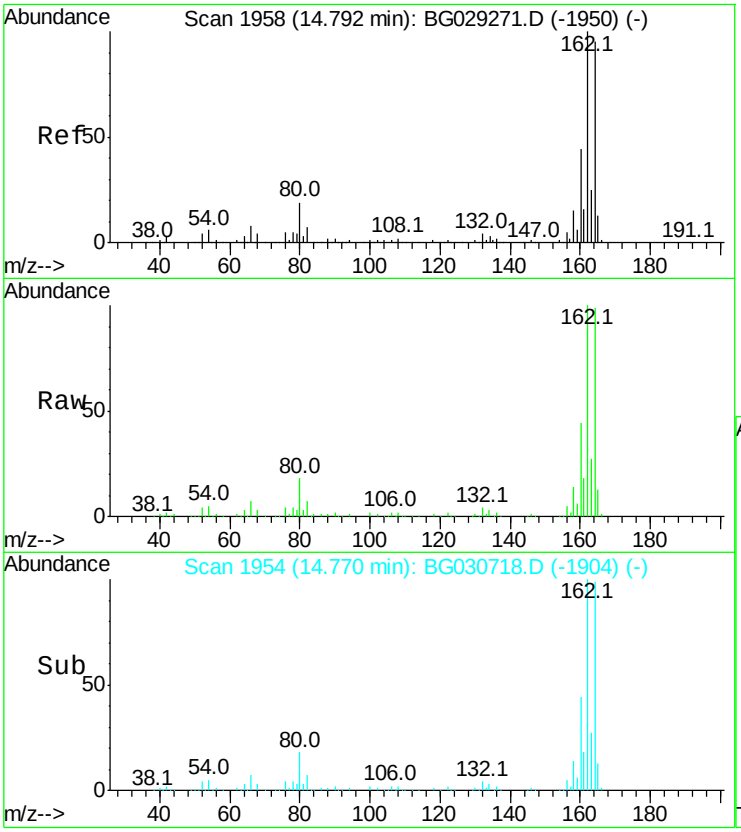


#23
Nitrobenzene-d5
Concen: 57.505 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Tgt Ion: 82 Resp: 219023

Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	50.1	43.1	64.7



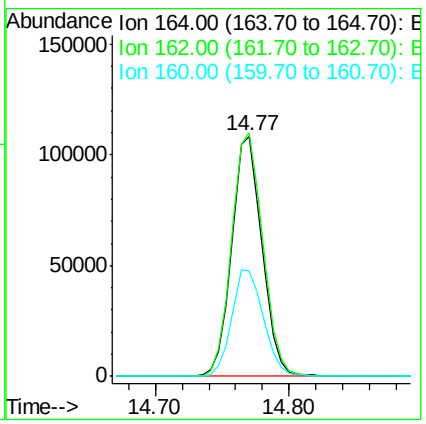


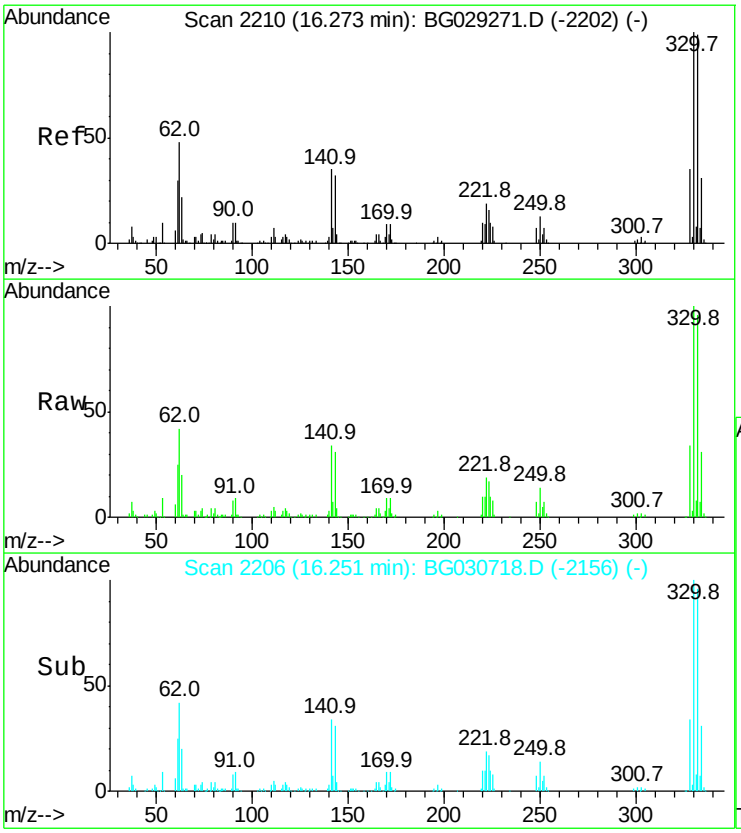
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Instrument :
BNA_G
ClientSampleId :
PET-BF013-01

Tgt Ion:164 Resp: 170314

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	44.1	35.4	53.0

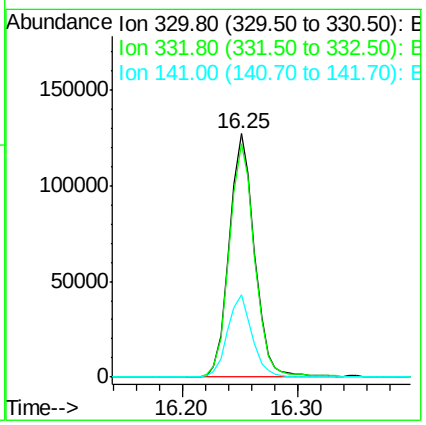


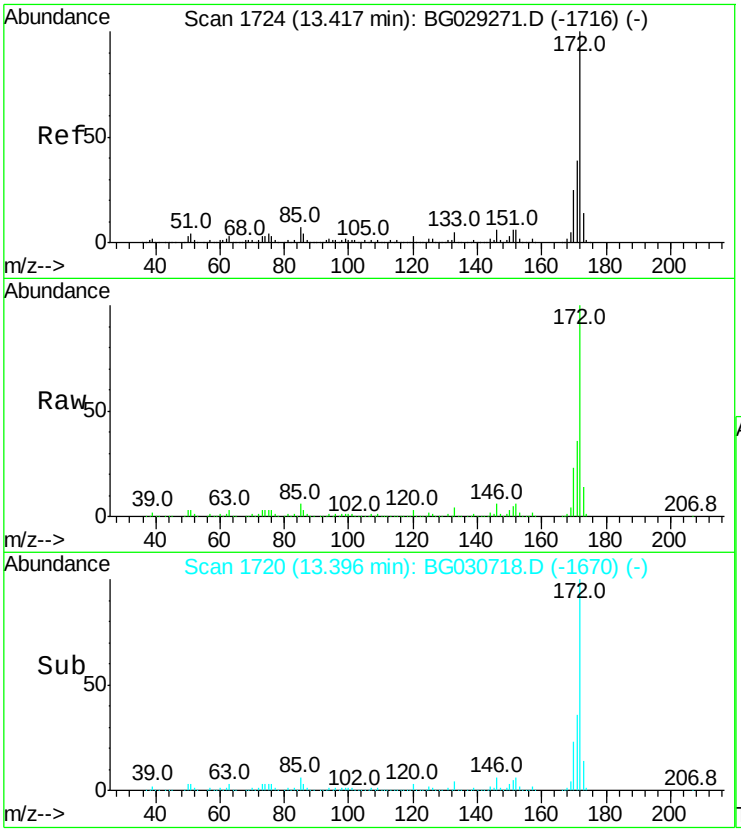


#41
2,4,6-Tribromophenol
Concen: 87.593 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Tgt Ion:330 Resp: 192610

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	32.8	25.2	37.8



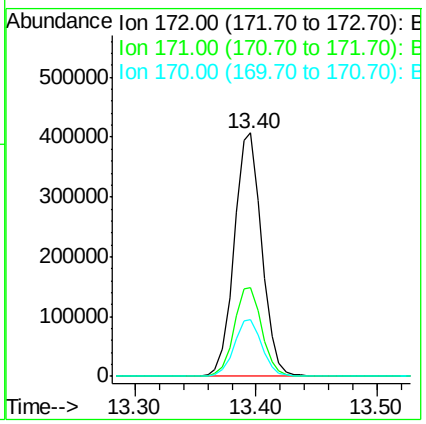


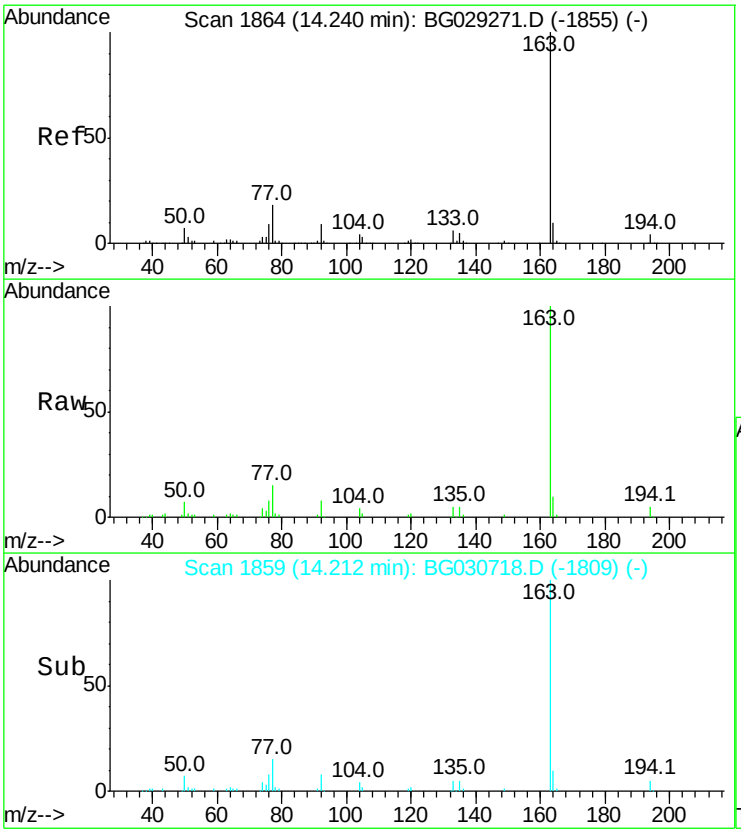
#44
2-Fluorobiphenyl
Concen: 55.577 ng
RT: 13.40 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Instrument :
BNA_G
ClientSampleId :
PET-BF013-01

Tgt Ion:172 Resp: 645381

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	23.4	19.5	29.3

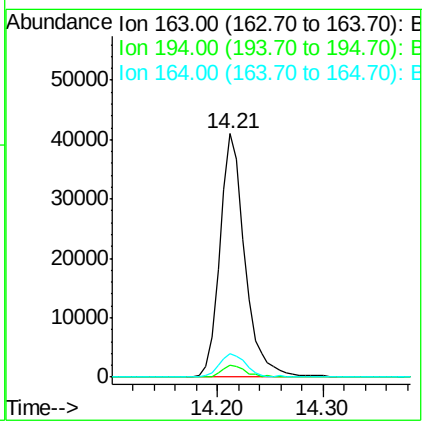


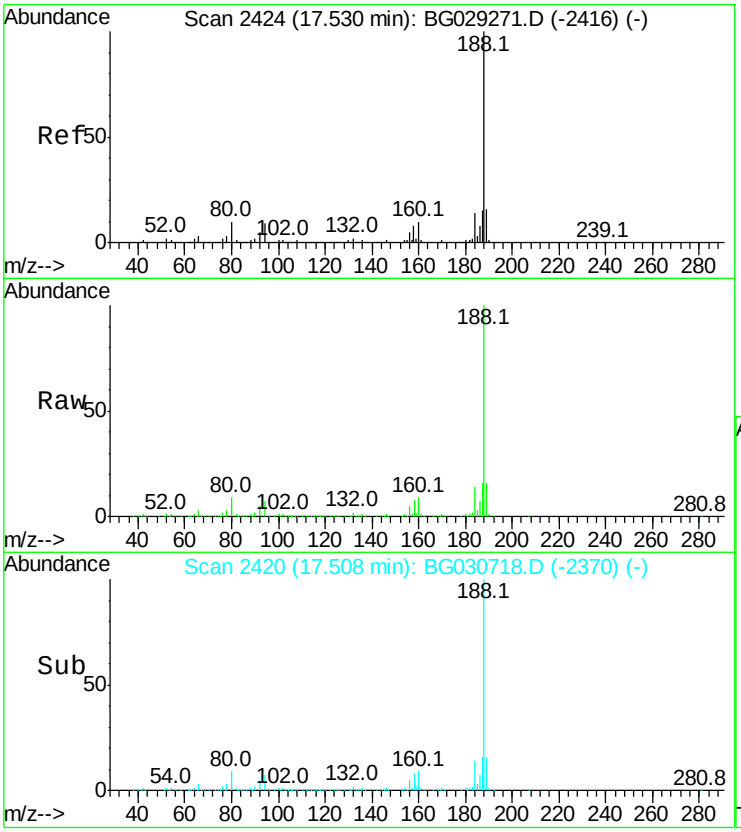


#49
Dimethylphthalate
Concen: 5.061 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Tgt Ion:163 Resp: 67258

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	9.5	8.2	12.4



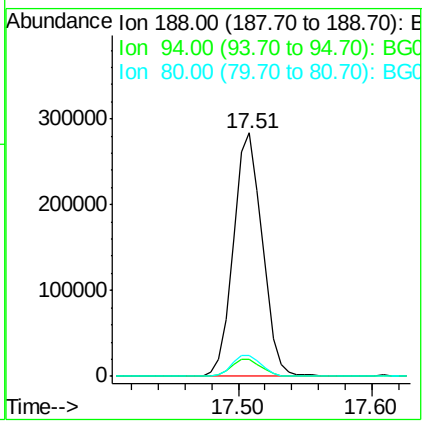


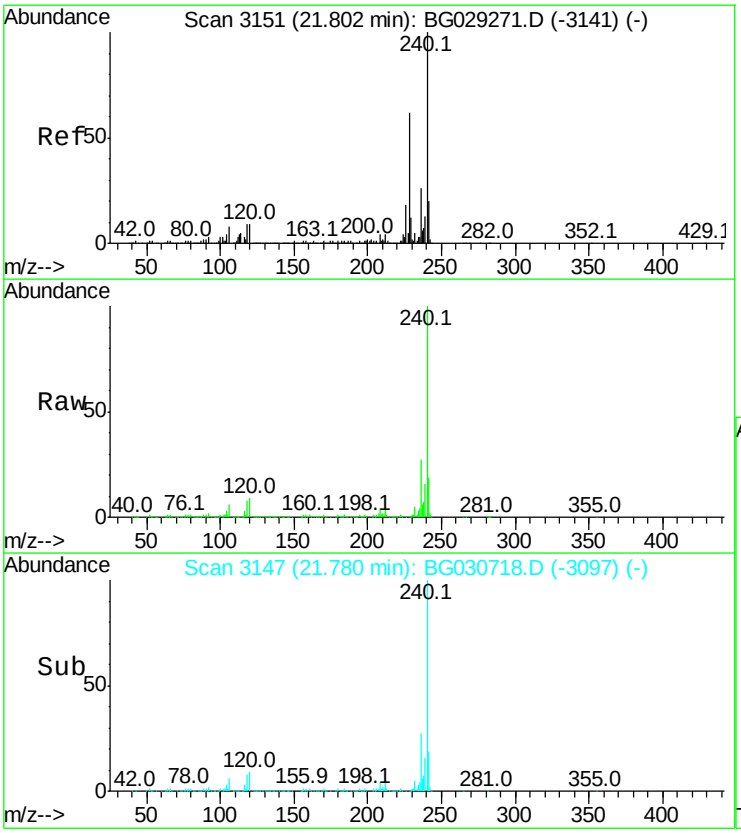
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Instrument :
BNA_G
ClientSampleId :
PET-BF013-01

Tgt Ion:188 Resp: 426272

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.5	7.7	11.5

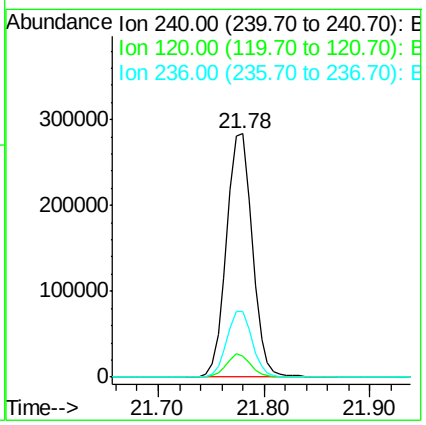


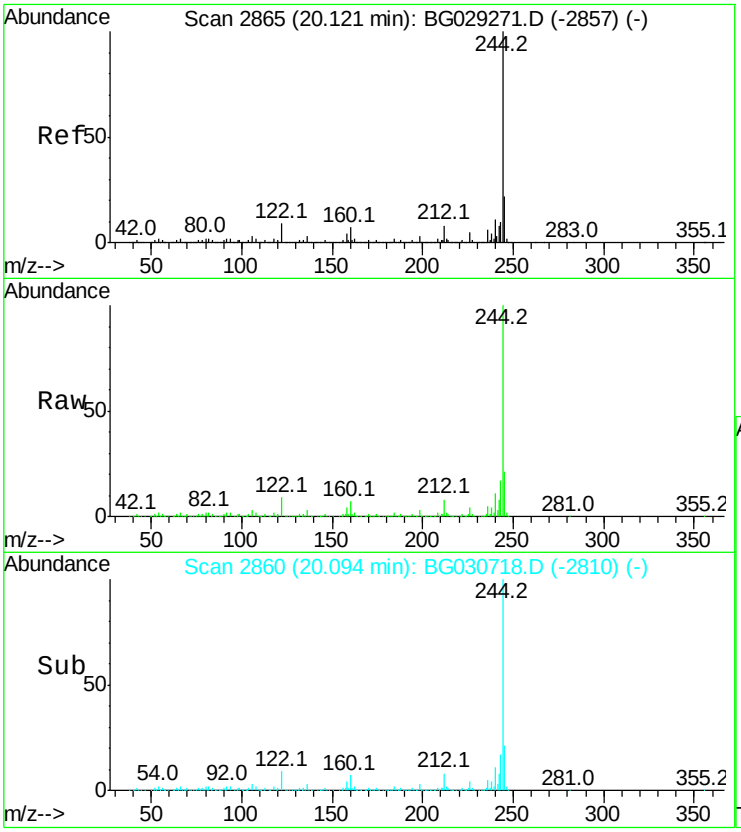


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Tgt Ion:240 Resp: 480648

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.8	10.2
236	27.0	20.9	31.3



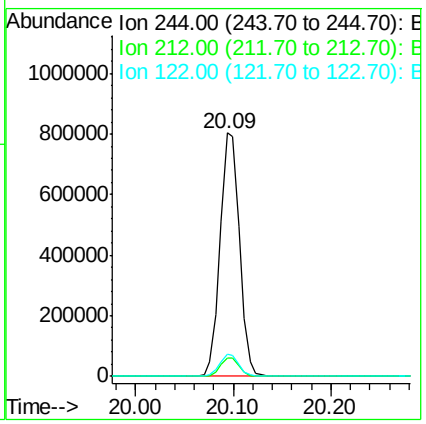


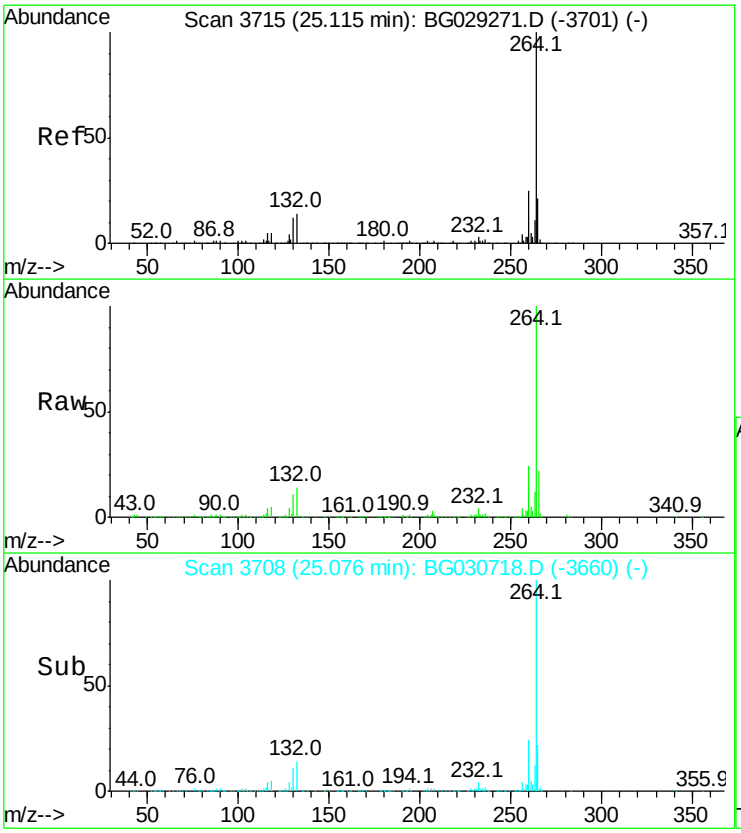
#78
Terphenyl-d14
Concen: 52.426 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Instrument :
BNA_G
ClientSampleId :
PET-BF013-01

Tgt Ion:244 Resp: 1107657

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	8.9	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Tgt Ion:264 Resp: 487409

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.1	17.7	26.5