Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030712.D
Acq On : 3 Nov 2017 22:46
Operator : SJ/JU
Sample : I6313-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PET-BF012-01

Quant Time: Nov 03 23:15:15 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	63661	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	294180	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	210941	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	514513	20.00	ng	0.00
75) Chrysene-d12	21.77	240	559963	20.00	ng	0.00
86) Perylene-d12	25.08	264	564197	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	297969	78.19	ng	0.00
7) Phenol-d6	7.30	99	422890	79.06	ng	0.00
23) Nitrobenzene-d5	9.32	82	241470	52.16	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	222739	81.79	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	728564	50.66	ng	0.00
78) Terphenyl-d14	20.10	244	1190220	48.35	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.33	94	17486	3.032	ng	91
49) Dimethylphthalate	14.21	163	70332	4.273	ng	98

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

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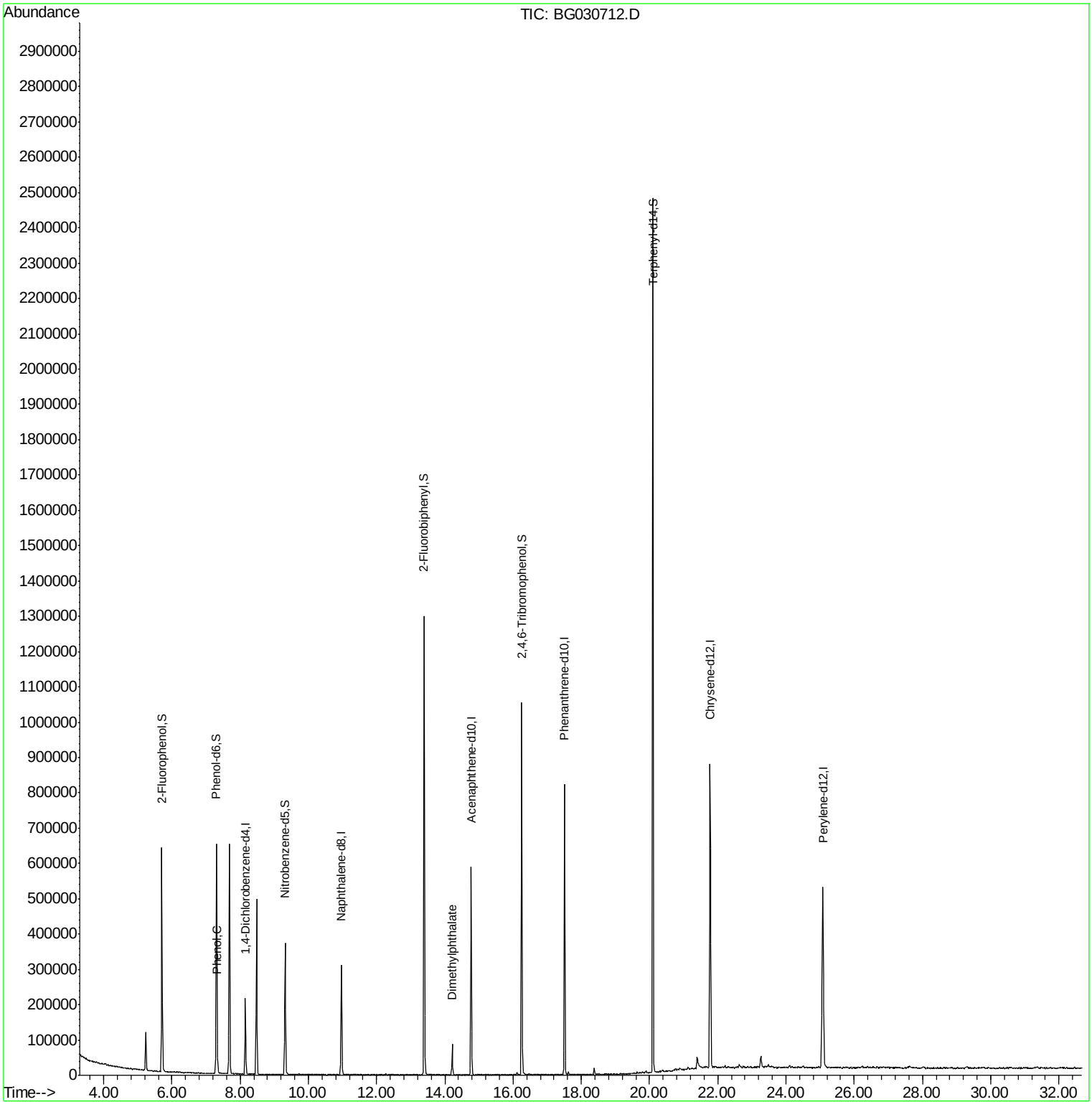
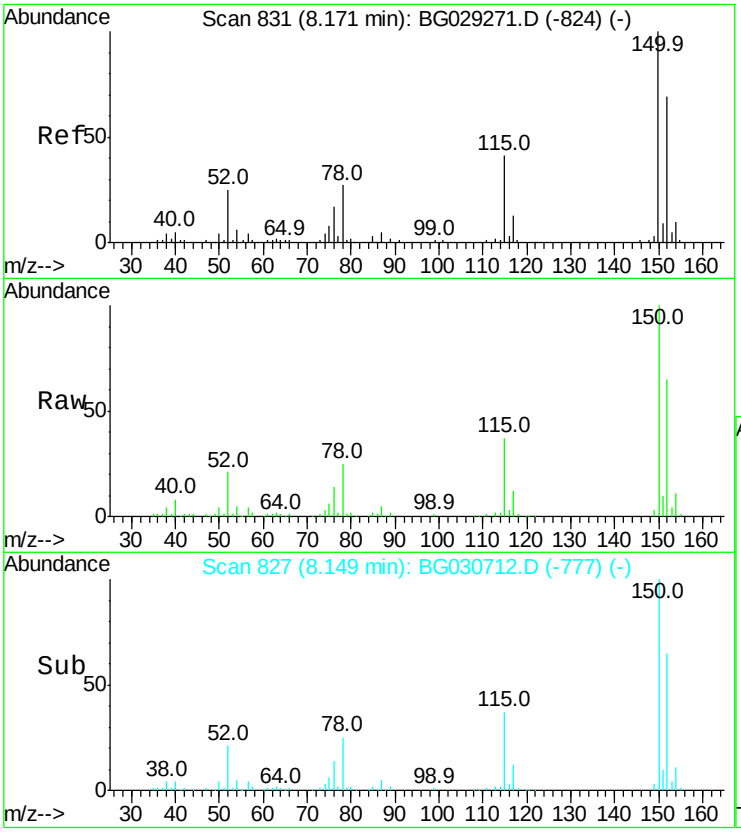


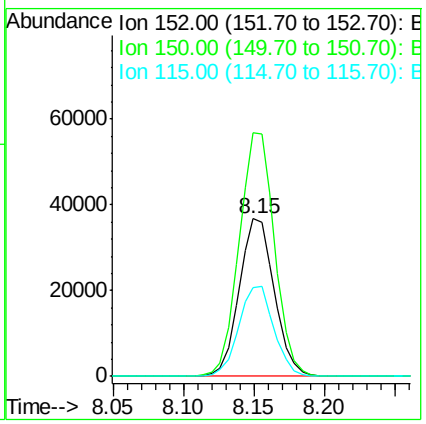


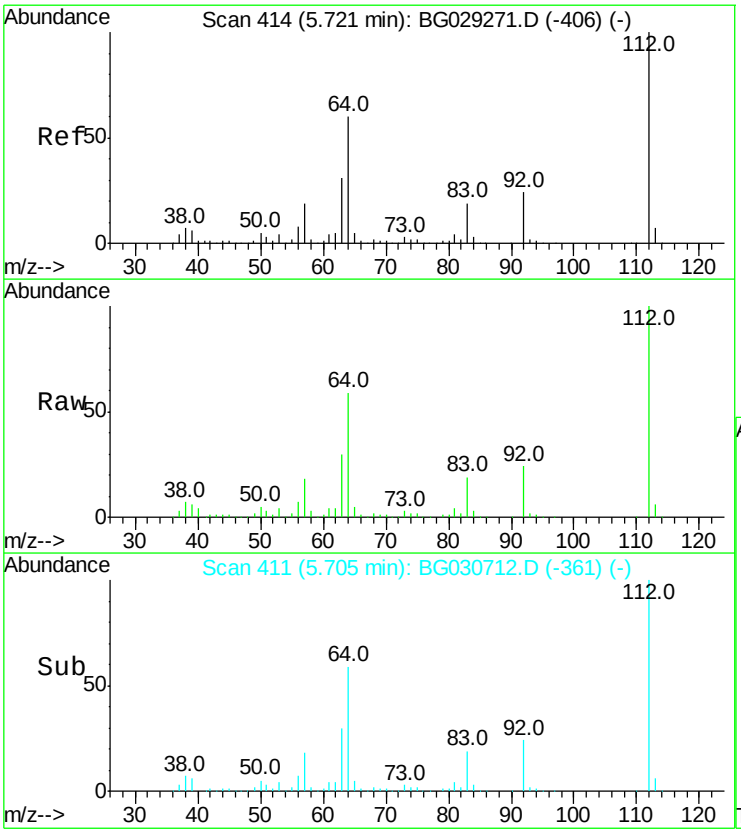
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Instrument :
BNA_G
ClientSampleId :
PET-BF012-01

Tgt Ion:152 Resp: 63661

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.6	189.8
115	56.7	53.0	79.4

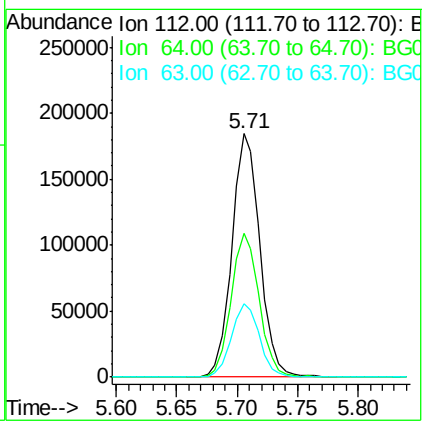


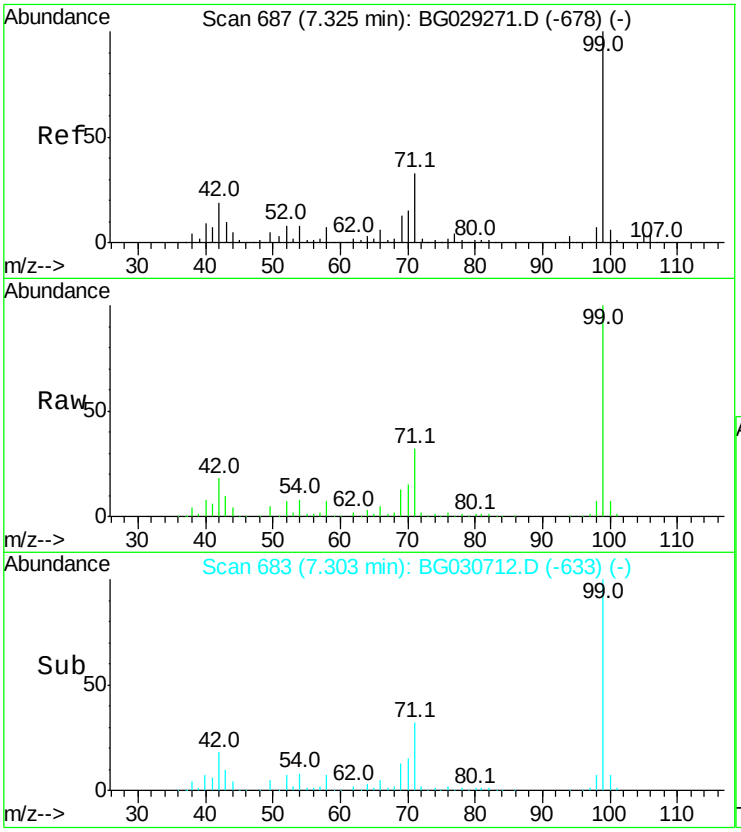


#5
2-Fluorophenol
Concen: 78.191 ng
RT: 5.71 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Tgt Ion:112 Resp: 297969

Ion	Ratio	Lower	Upper
112	100		
64	58.9	56.3	84.5
63	30.1	30.1	45.1



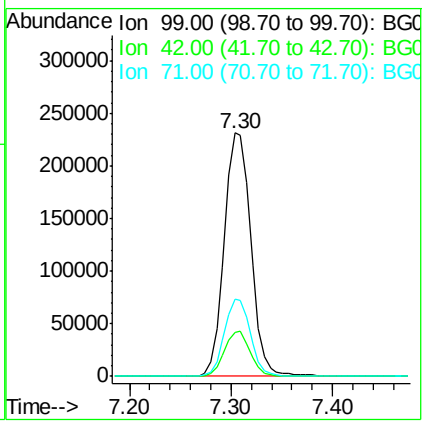


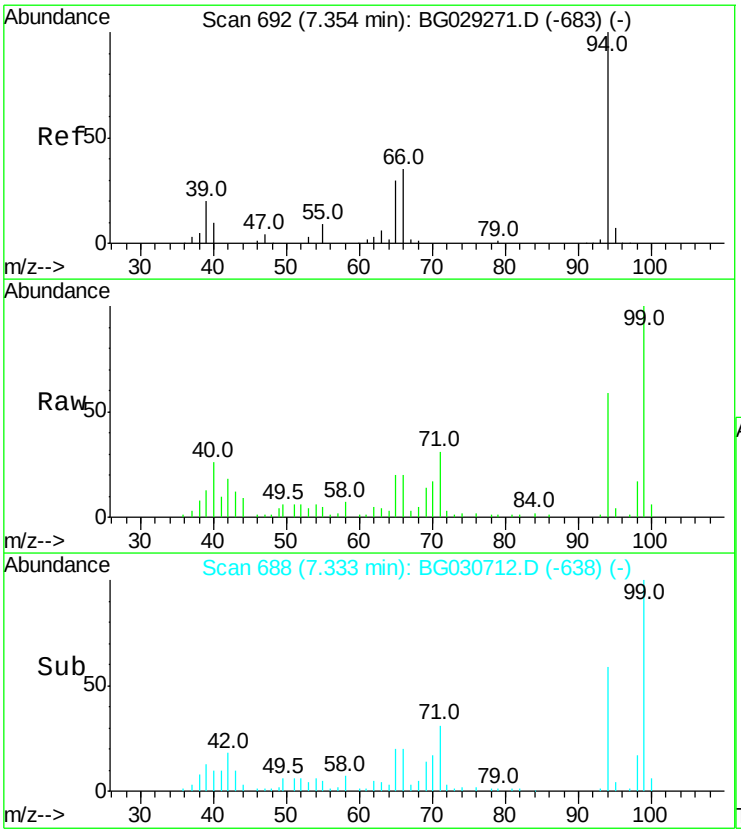
#7
Phenol-d6
Concen: 79.059 ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Instrument :
BNA_G
ClientSampleId :
PET-BF012-01

Tgt Ion: 99 Resp: 422890

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	31.9	26.1	39.1

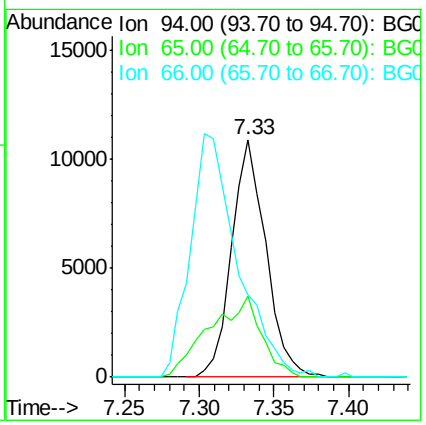


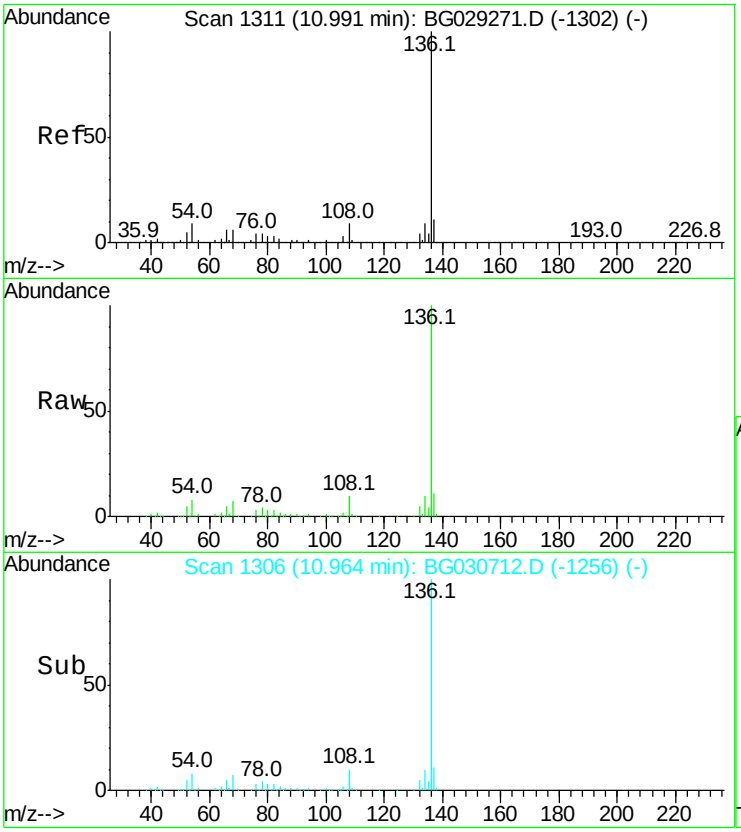


#10
Phenol
Concen: 3.032 ng
RT: 7.33 min Scan# 688
Delta R.T. -0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Tgt Ion: 94 Resp: 17486

Ion	Ratio	Lower	Upper
94	100		
65	34.2	11.9	51.9
66	34.6	22.2	62.2



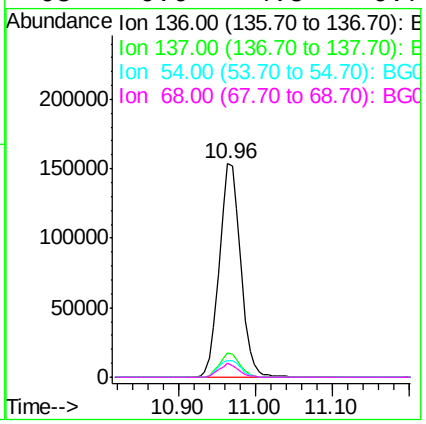


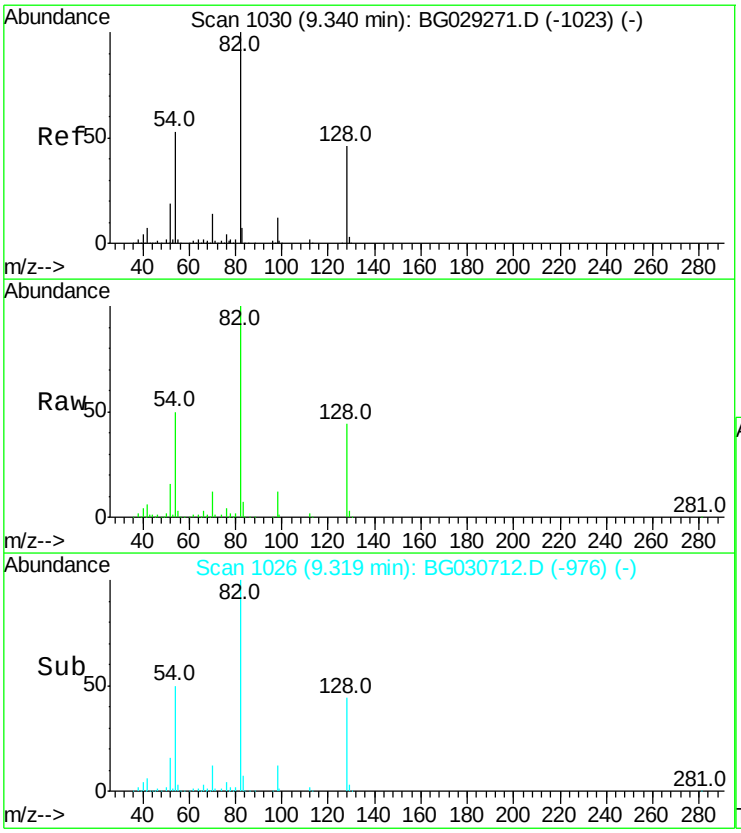
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Instrument :
BNA_G
ClientSampleId :
PET-BF012-01

Tgt Ion:136 Resp: 294180

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.0	10.3	15.5#
68	6.6	4.5	6.7

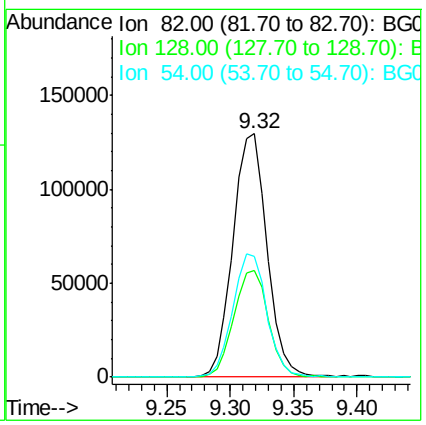


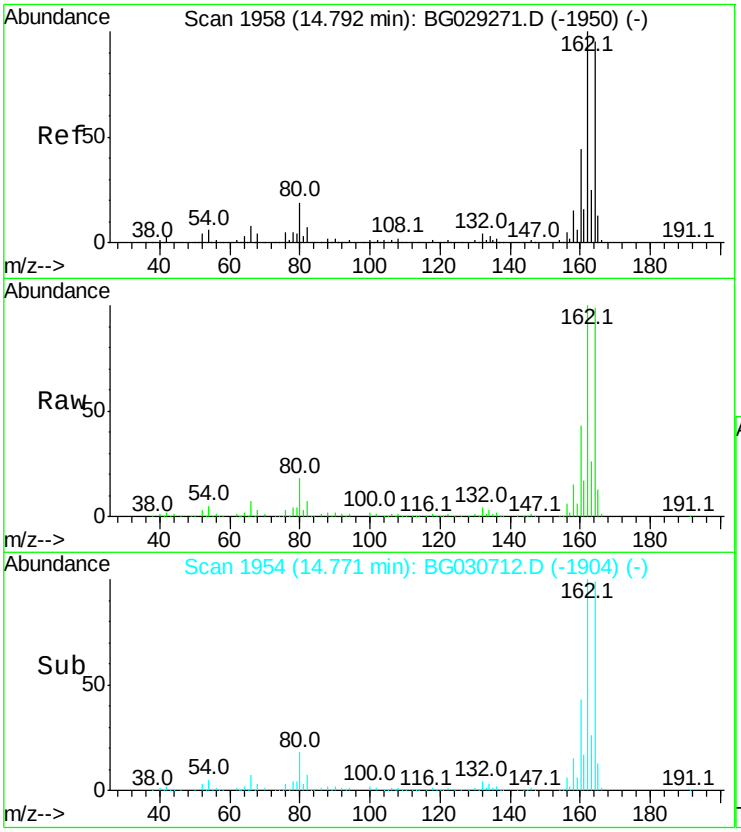


#23
Nitrobenzene-d5
Concen: 52.161 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Tgt Ion: 82 Resp: 241470

Ion	Ratio	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	49.8	43.1	64.7



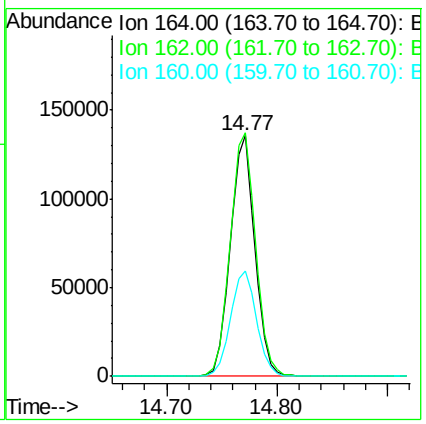


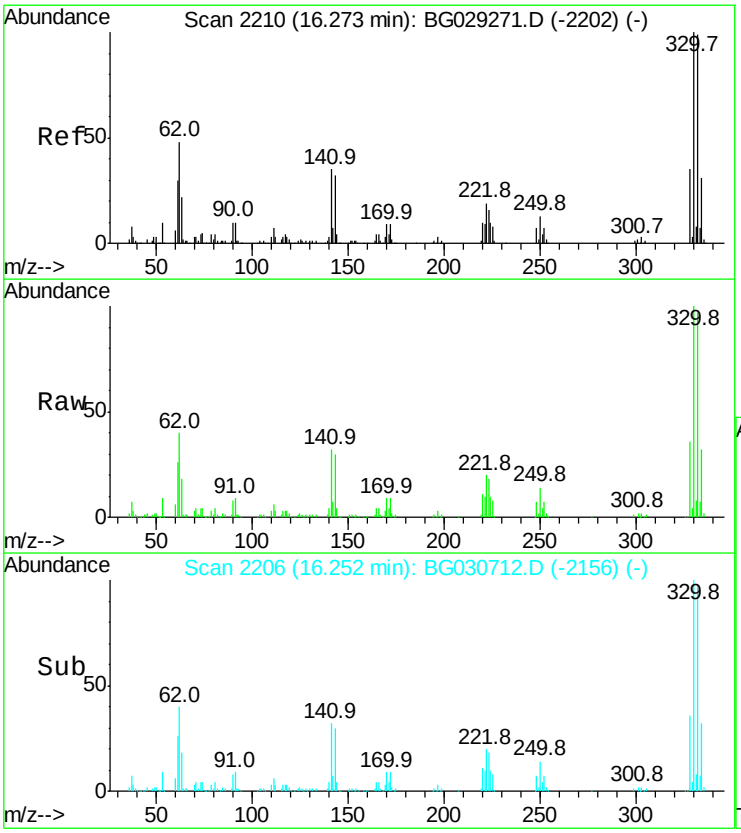
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Instrument :
BNA_G
ClientSampleId :
PET-BF012-01

Tgt Ion:164 Resp: 210941

Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	43.9	35.4	53.0

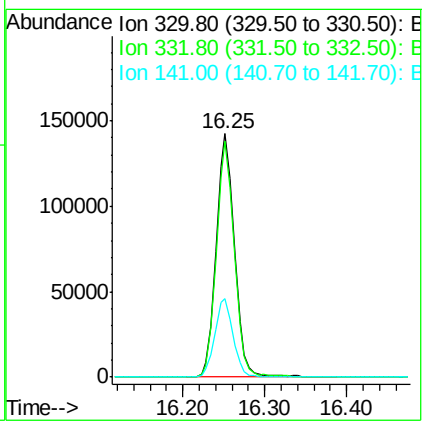


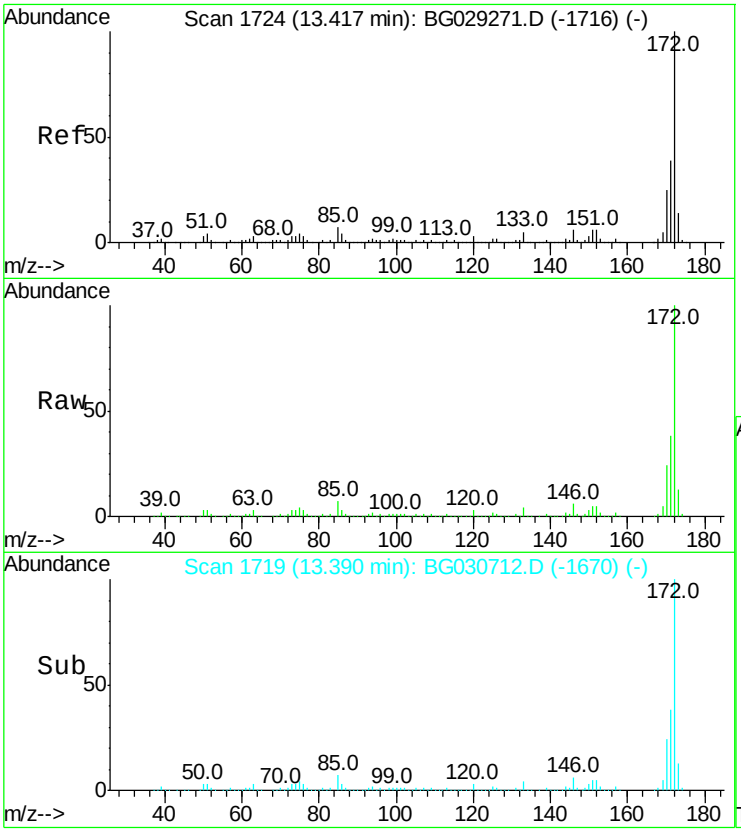


#41
2,4,6-Tribromophenol
Concen: 81.785 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Tgt Ion:330 Resp: 222739

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	32.1	25.2	37.8



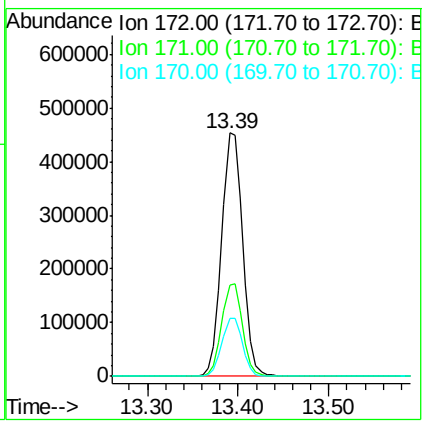


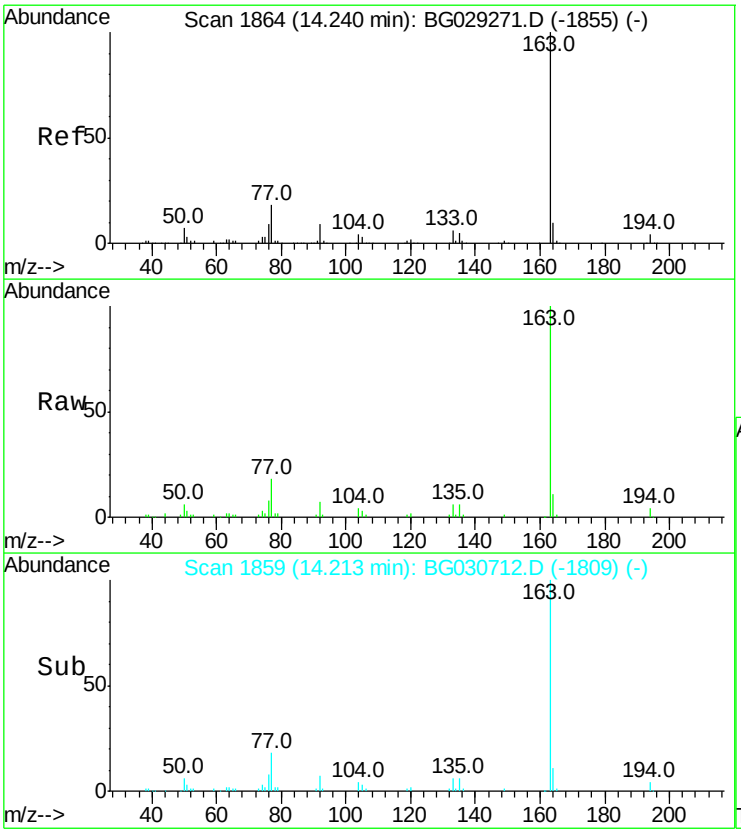
#44
2-Fluorobiphenyl
Concen: 50.656 ng
RT: 13.39 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Instrument :
BNA_G
ClientSampleId :
PET-BF012-01

Tgt Ion:172 Resp: 728564

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.6	19.5	29.3

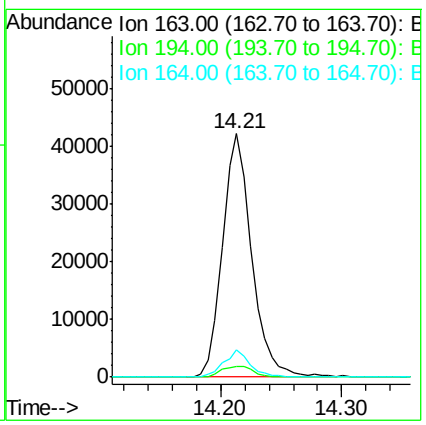


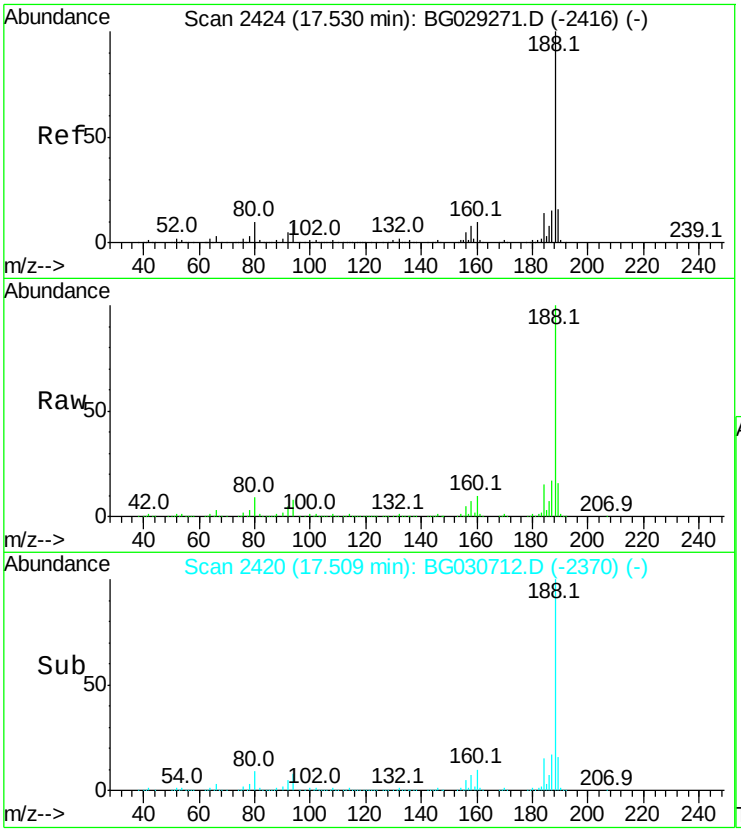


#49
Dimethylphthalate
Concen: 4.273 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Tgt Ion:163 Resp: 70332

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	11.2	8.2	12.4



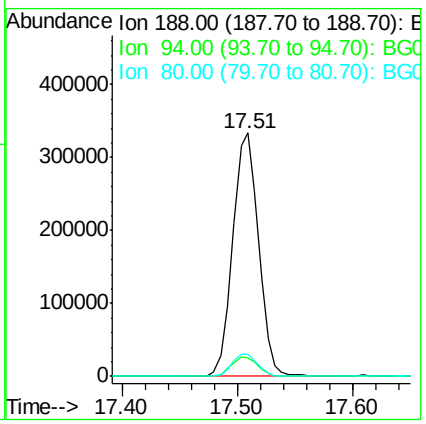


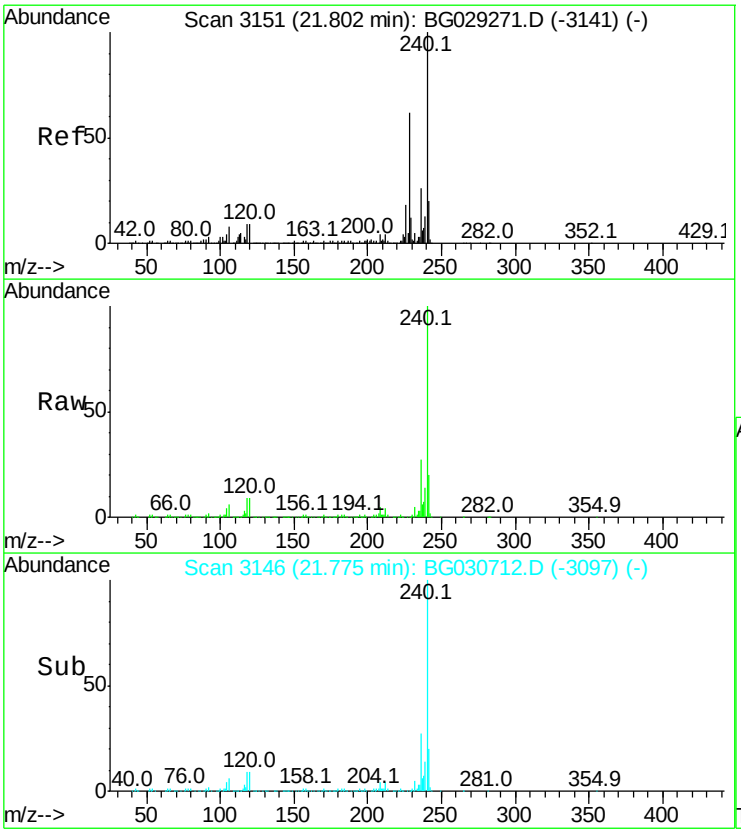
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Instrument :
BNA_G
ClientSampleId :
PET-BF012-01

Tgt Ion:188 Resp: 514513

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.3	7.7	11.5

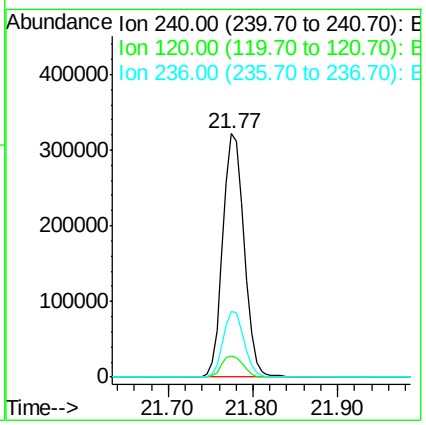


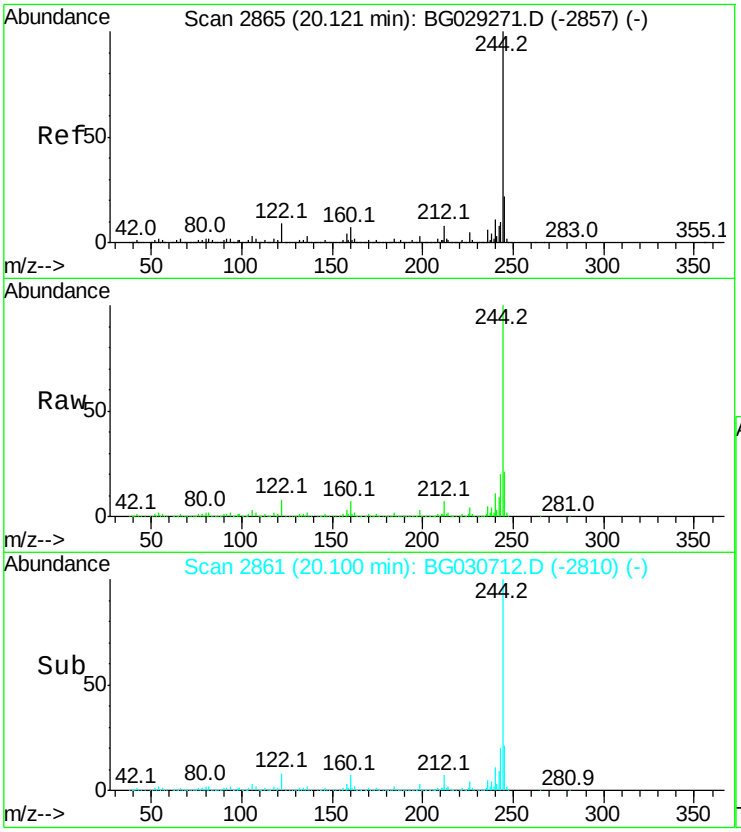


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Tgt Ion:240 Resp: 559963

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.8	10.2
236	26.8	20.9	31.3



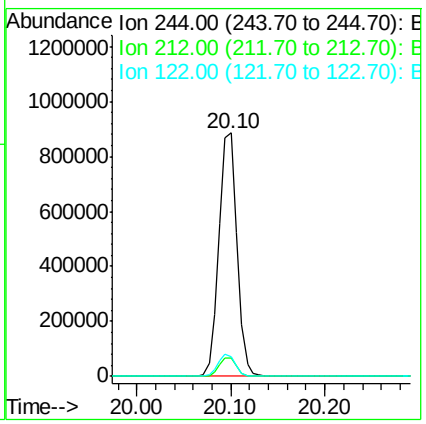


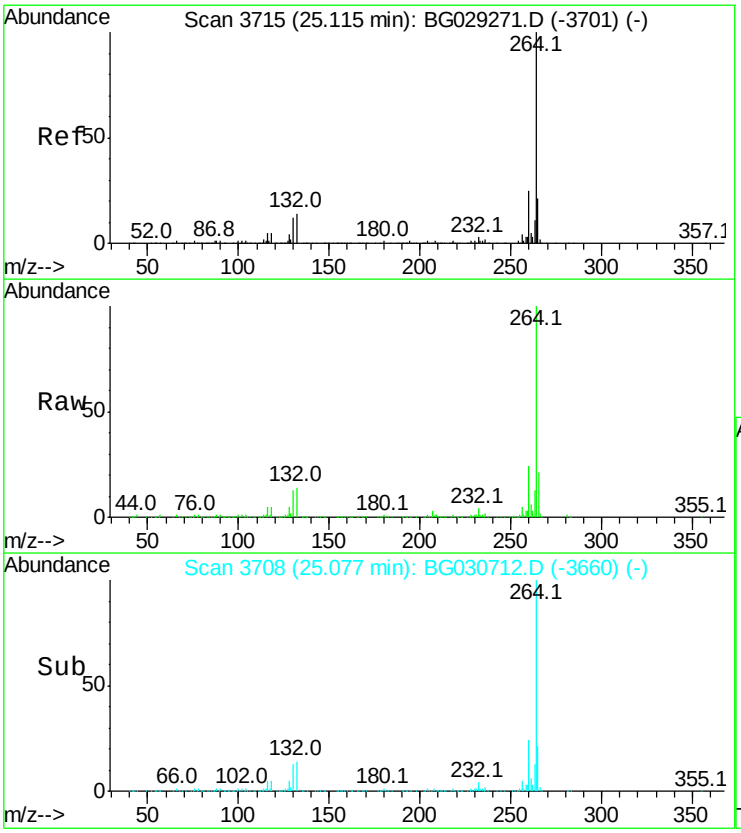
#78
Terphenyl-d14
Concen: 48.354 ng
RT: 20.10 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BG030712.D
Acq: 3 Nov 2017 22:46

Instrument :
BNA_G
ClientSampleId :
PET-BF012-01

Tgt Ion:244 Resp: 1190220

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	8.3	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: BG030712.D
Acq: 3 Nov 2017 22:46

Tgt Ion:264 Resp: 564197

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.3	17.7	26.5