Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029365.D
Acq On : 19 Oct 2017 14:36
Operator : SJ/JU
Sample : I5943-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-101717

Quant Time: Oct 19 17:17:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60696	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	265212	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	174395	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	470168	20.00	ng	0.00
75) Chrysene-d12	21.79	240	538754	20.00	ng	0.00
86) Perylene-d12	25.11	264	551535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	471350	129.73	ng	0.00
7) Phenol-d6	7.32	99	574348	112.62	ng	0.00
23) Nitrobenzene-d5	9.33	82	377813	90.53	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	355092	157.71	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	999071	84.02	ng	0.00
78) Terphenyl-d14	20.12	244	1888091	79.73	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.03	128	312347	23.631	ng	98
37) 2-Methylnaphthalene	12.63	142	29662	3.079	ng	87
70) Phenanthrene	17.57	178	52799	2.174	ng	96

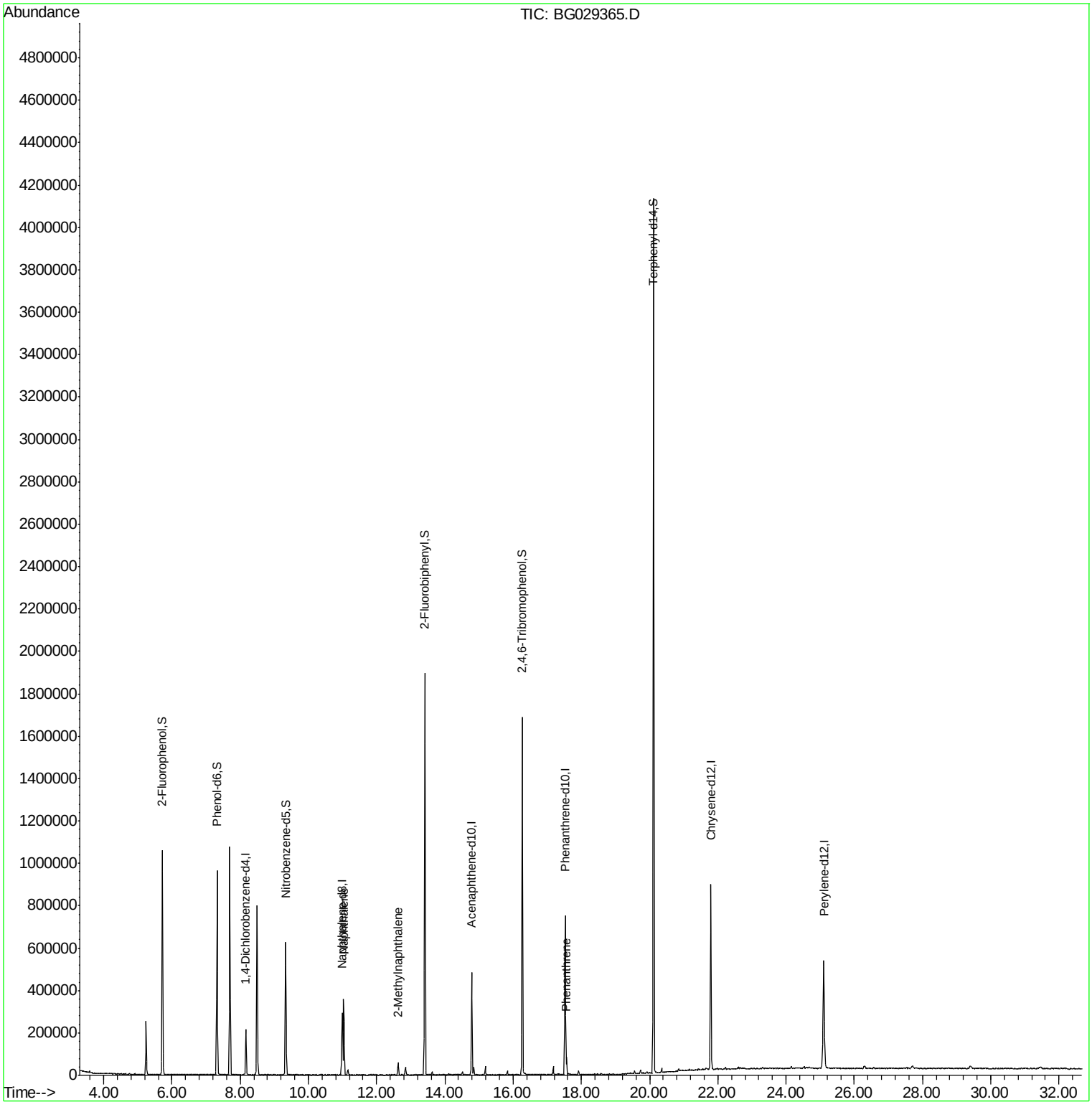
(#) = qualifier out of range (m) = manual integration (+) = signals summed

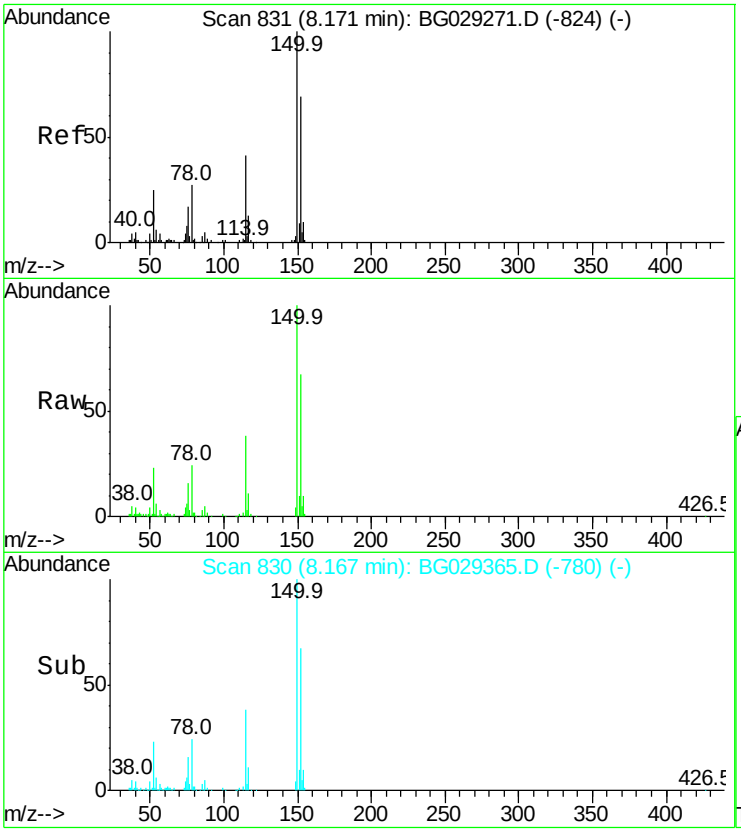
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029365.D
Acq On : 19 Oct 2017 14:36
Operator : SJ/JU
Sample : I5943-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-101717

Quant Time: Oct 19 17:17:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration



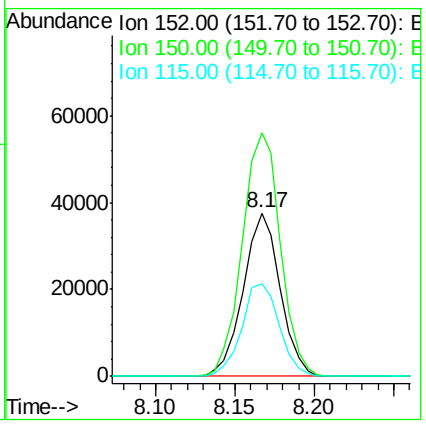


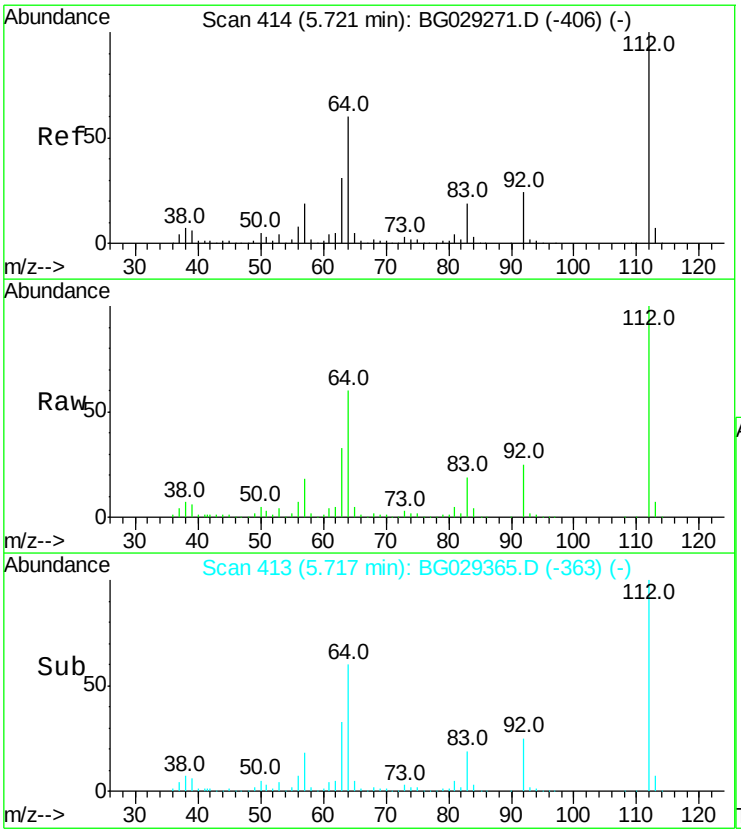
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Instrument :
BNA_G
ClientSampleId :
SU-03-101717

Tgt Ion:152 Resp: 60696

Ion	Ratio	Lower	Upper
152	100		
150	149.1	126.6	189.8
115	57.1	53.0	79.4

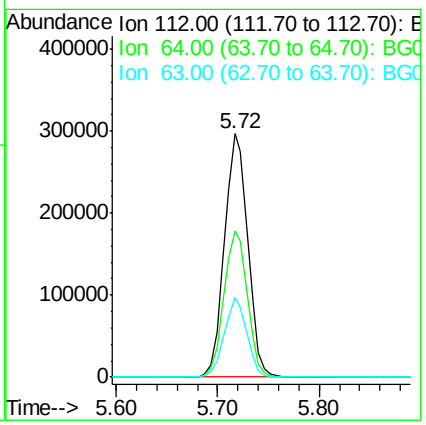


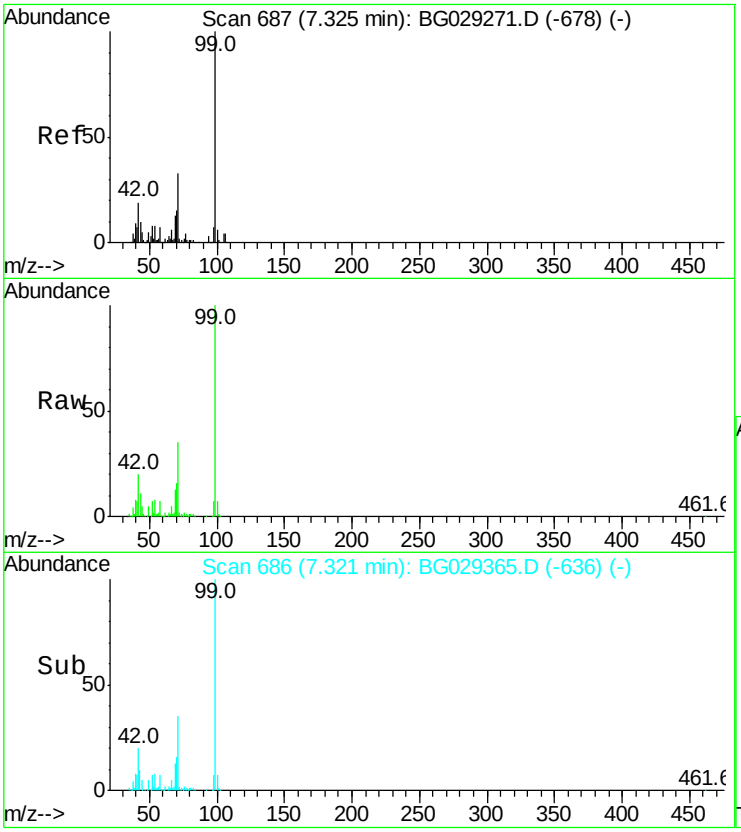


#5
2-Fluorophenol
Concen: 129.731 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:112 Resp: 471350

Ion	Ratio	Lower	Upper
112	100		
64	59.9	56.3	84.5
63	32.6	30.1	45.1



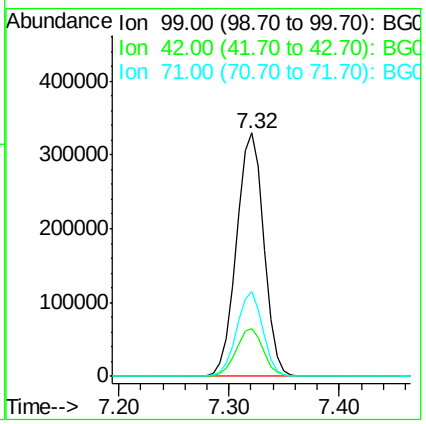


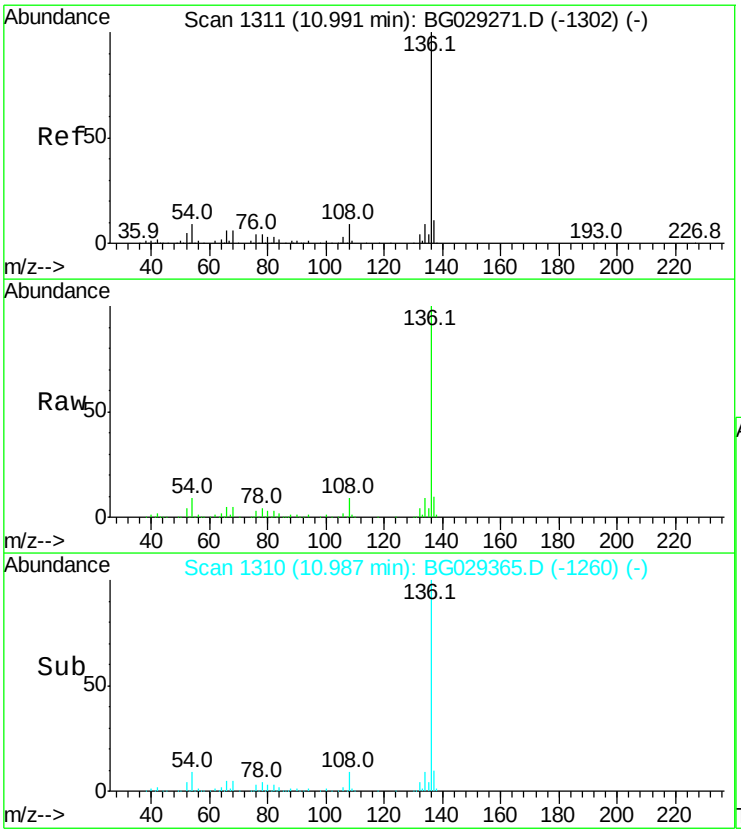
#7
Phenol-d6
Concen: 112.620 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Instrument :
BNA_G
ClientSampleId :
SU-03-101717

Tgt Ion: 99 Resp: 574348

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	34.9	26.1	39.1

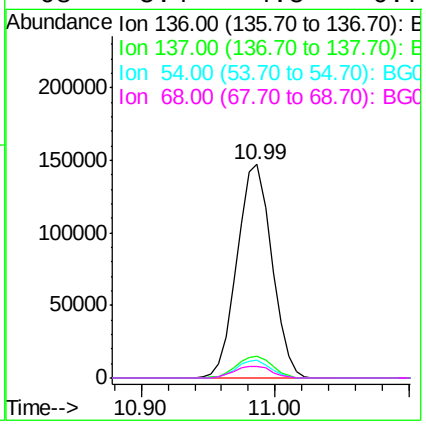


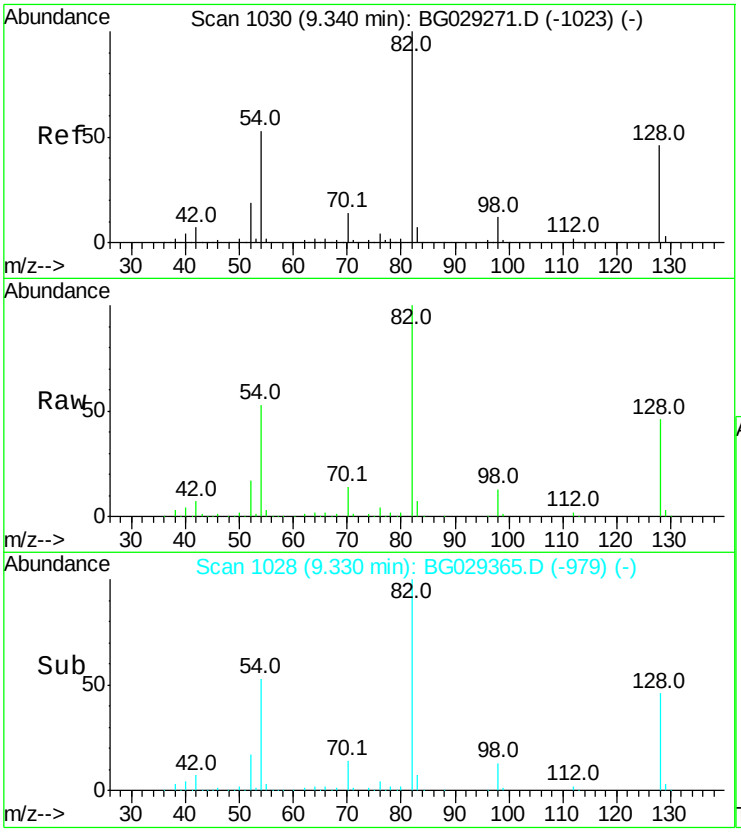


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:136 Resp: 265212

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	8.7	10.3	15.5#
68	5.4	4.5	6.7



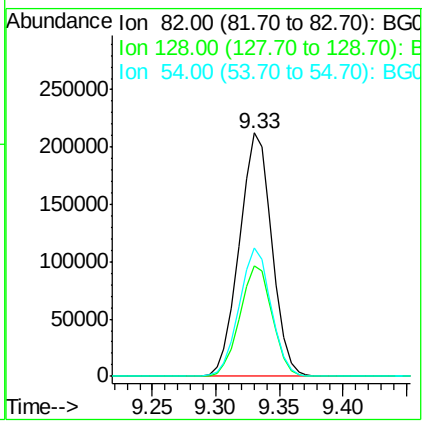


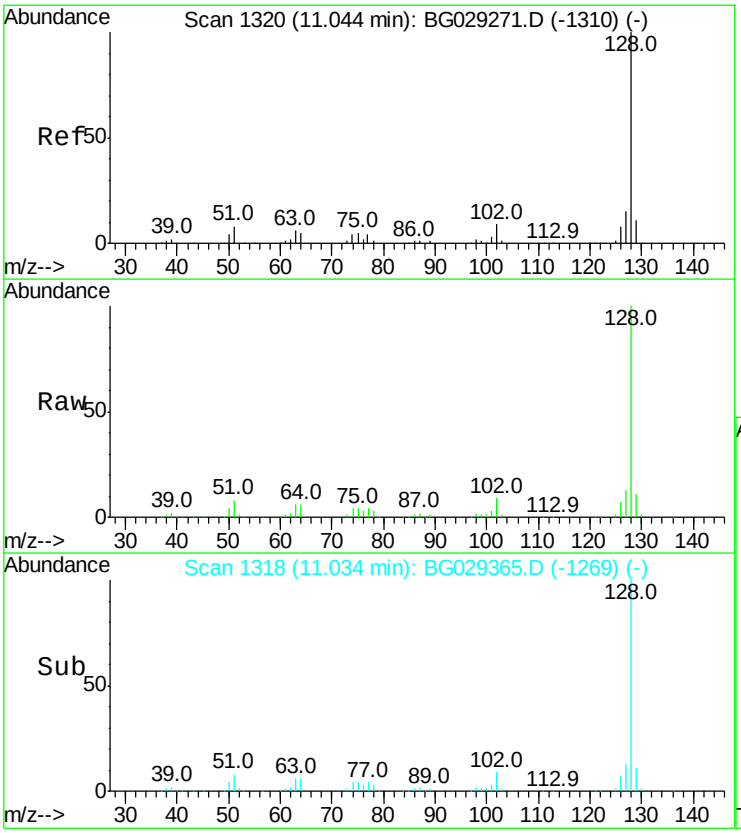
#23
Nitrobenzene-d5
Concen: 90.527 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Instrument :
BNA_G
ClientSampleId :
SU-03-101717

Tgt Ion: 82 Resp: 377813

Ion	Ratio	Lower	Upper
82	100		
128	45.5	29.7	44.5#
54	52.6	43.1	64.7

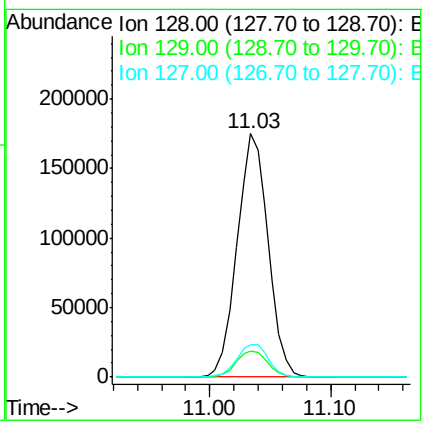


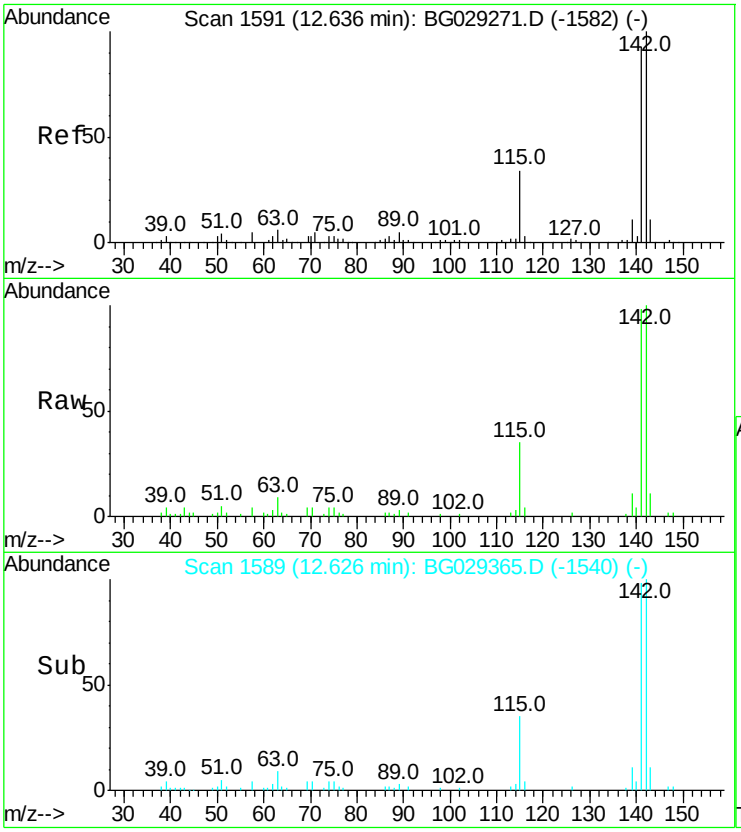


#31
Naphthalene
Concen: 23.631 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:128 Resp: 312347

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.1	11.6	17.4



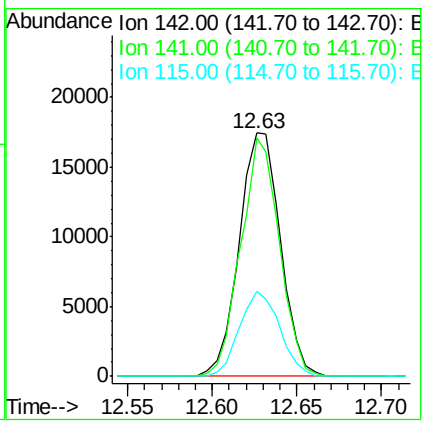


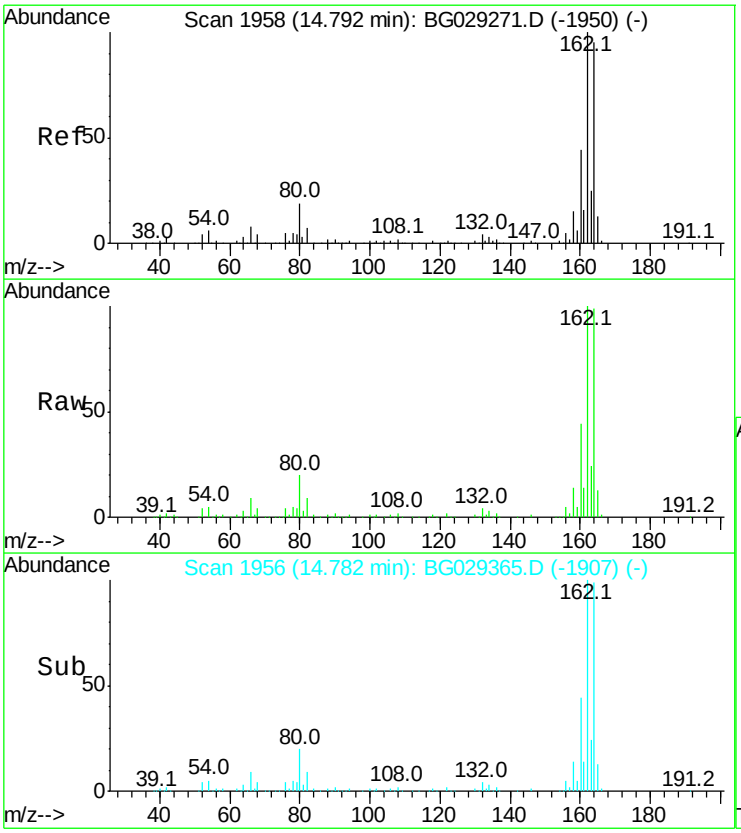
#37
2-Methylnaphthalene
Concen: 3.079 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Instrument :
BNA_G
ClientSampleId :
SU-03-101717

Tgt Ion:142 Resp: 29662

Ion	Ratio	Lower	Upper
142	100		
141	98.2	67.1	100.7
115	34.7	30.7	46.1

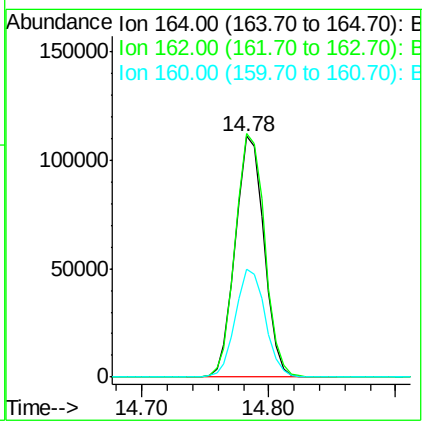


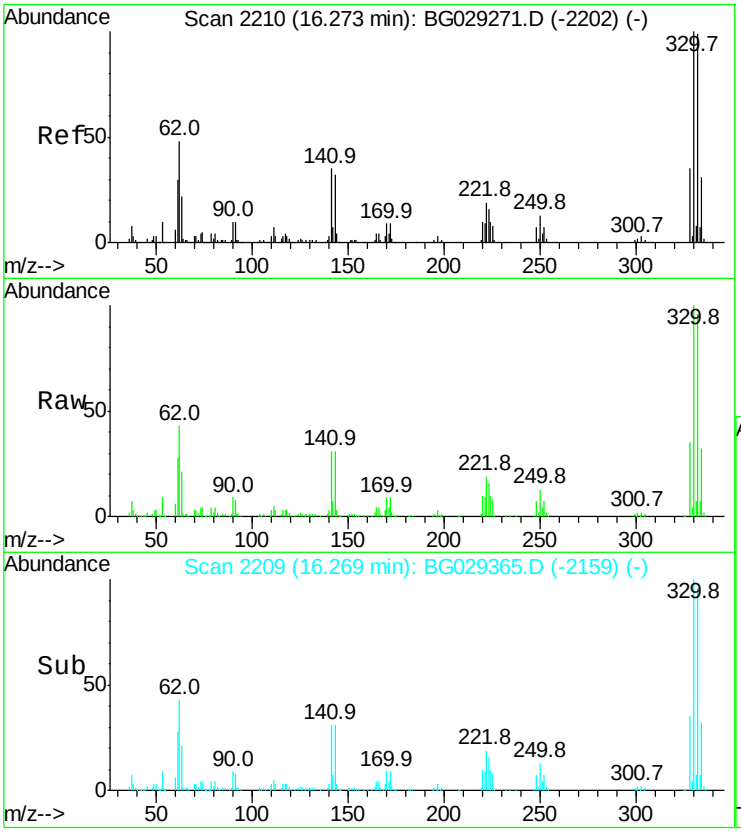


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:164 Resp: 174395

Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	44.8	35.4	53.0



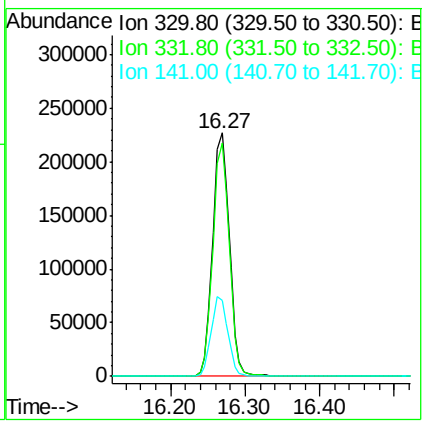


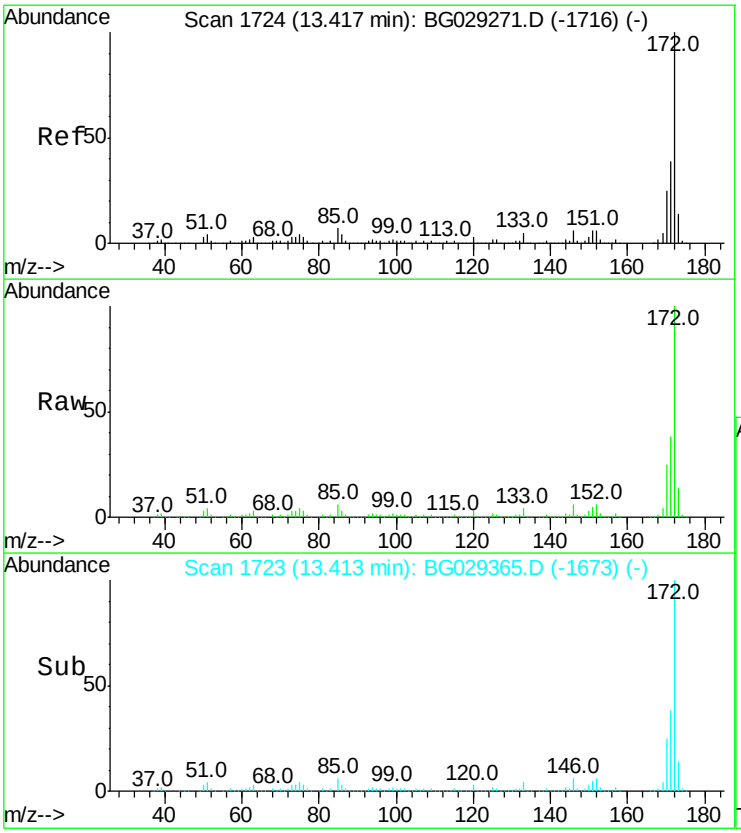
#41
2,4,6-Tribromophenol
Concen: 157.705 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Instrument :
BNA_G
ClientSampleId :
SU-03-101717

Tgt Ion:330 Resp: 355092

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	32.4	25.2	37.8

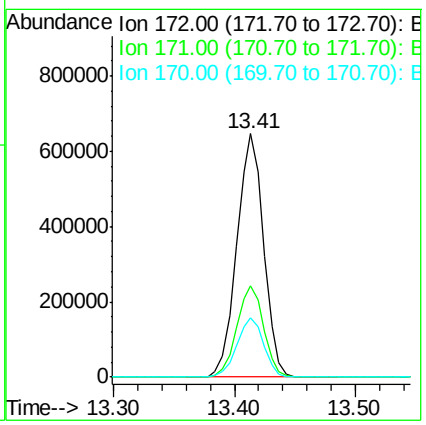


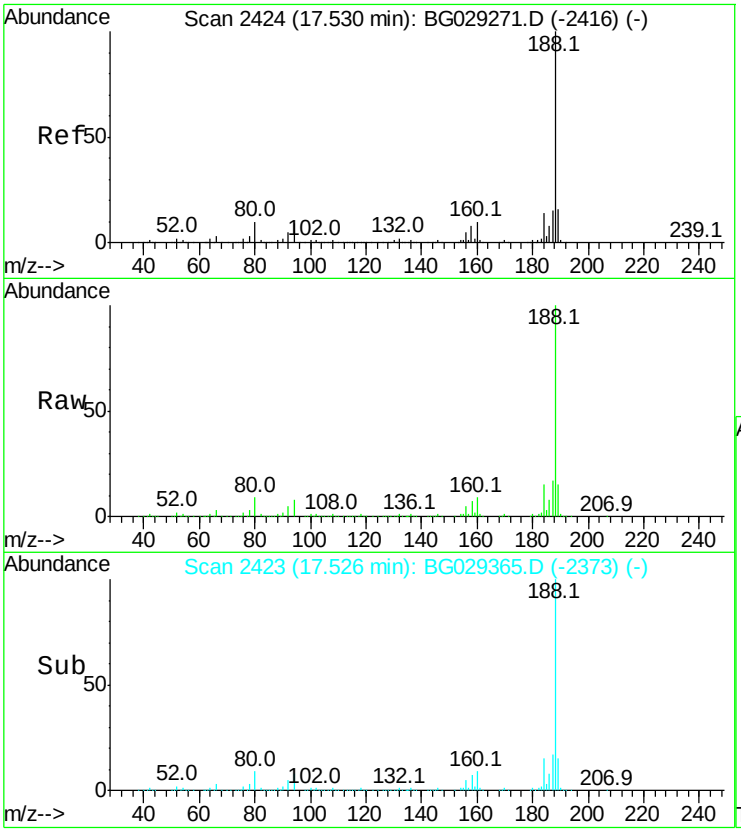


#44
2-Fluorobiphenyl
Concen: 84.021 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:172 Resp: 999071

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.6	19.5	29.3



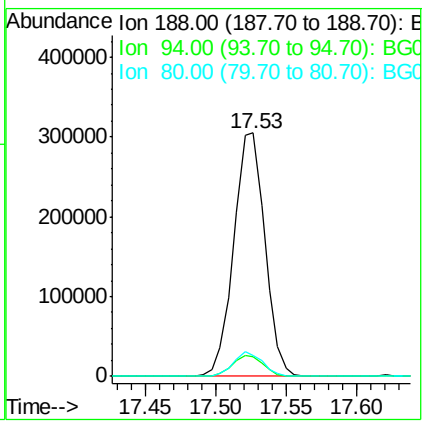


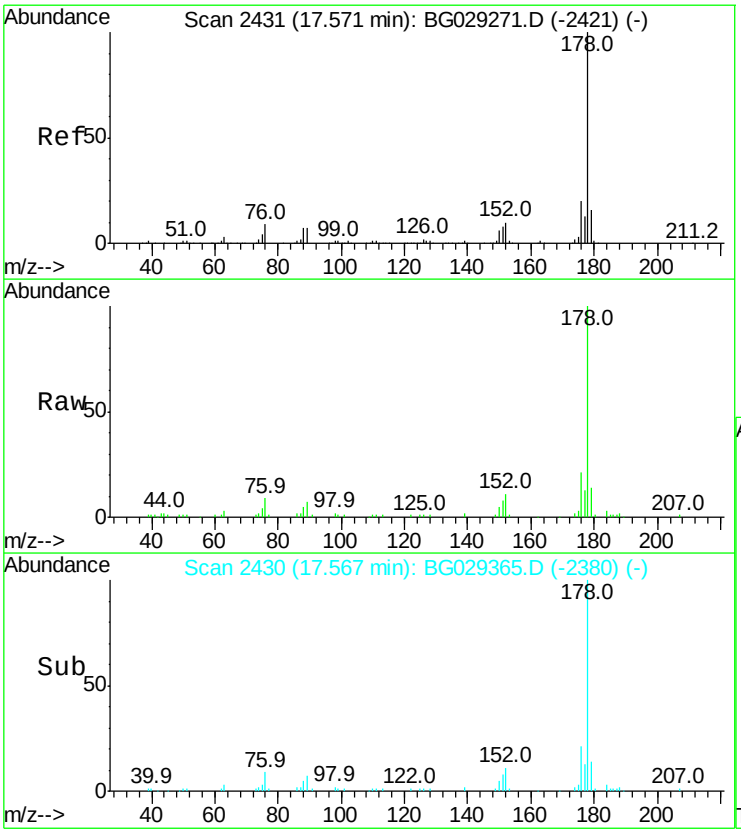
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Instrument :
BNA_G
ClientSampleId :
SU-03-101717

Tgt Ion:188 Resp: 470168

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.5	7.7	11.5

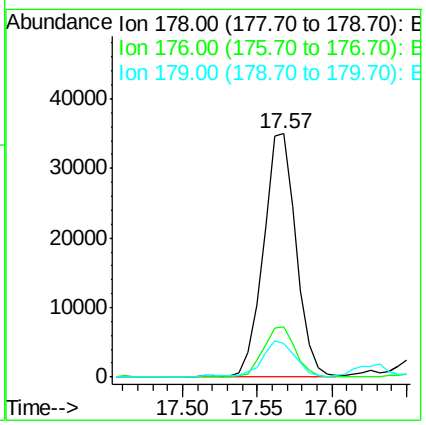


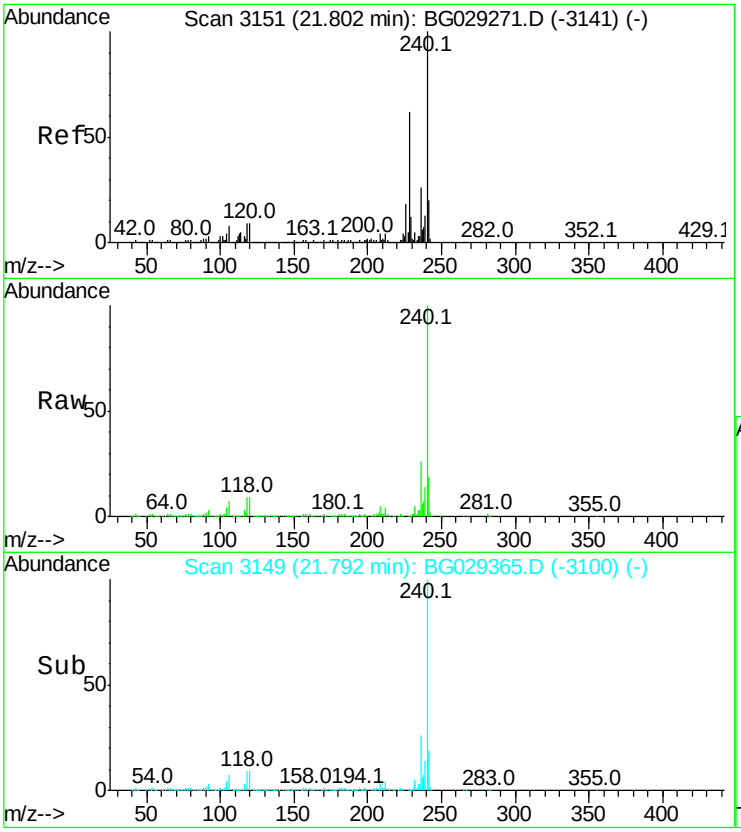


#70
Phenanthrene
Concen: 2.174 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:178 Resp: 52799

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	13.8	12.5	18.7



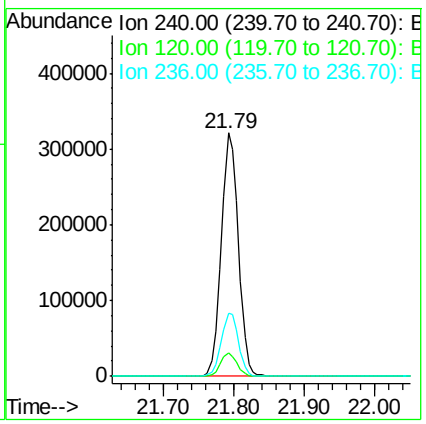


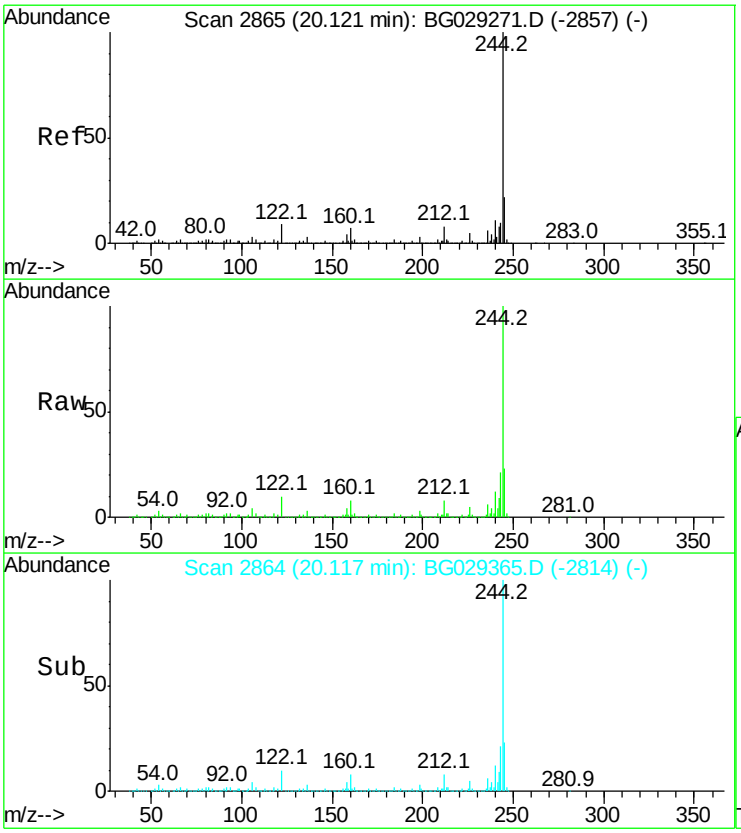
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Instrument :
BNA_G
ClientSampleId :
SU-03-101717

Tgt Ion:240 Resp: 538754

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.8	10.2
236	25.9	20.9	31.3

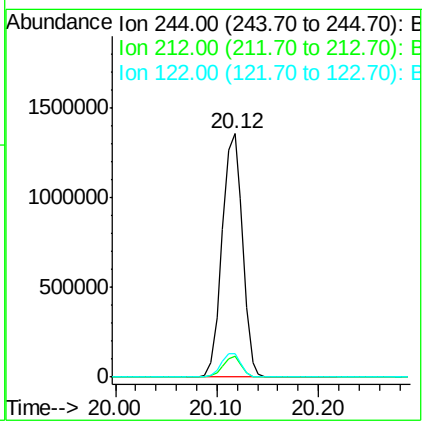


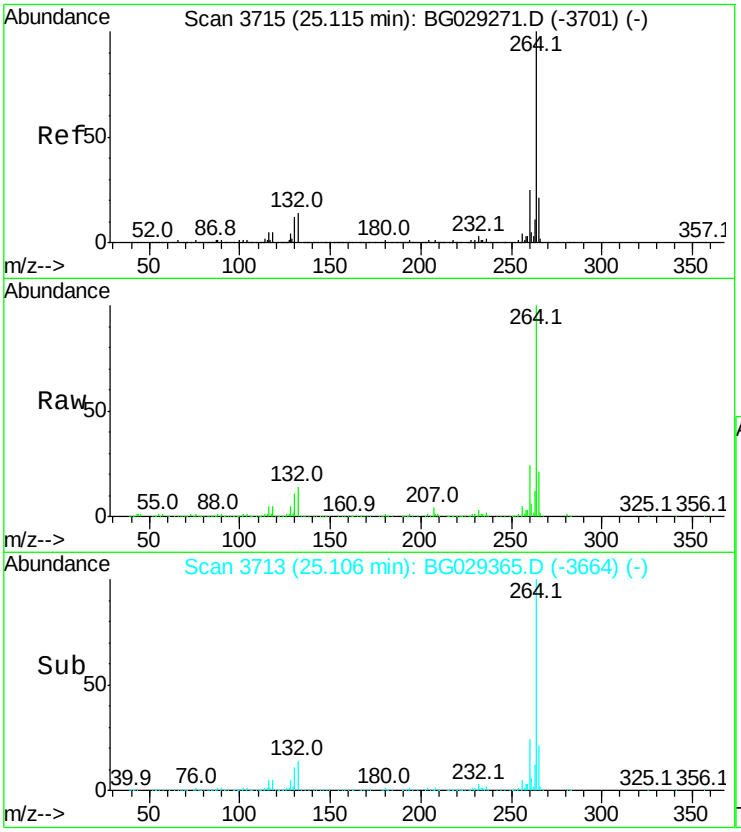


#78
Terphenyl-d14
Concen: 79.726 ng
RT: 20.12 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:244 Resp: 1888091

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.8	7.0	10.4

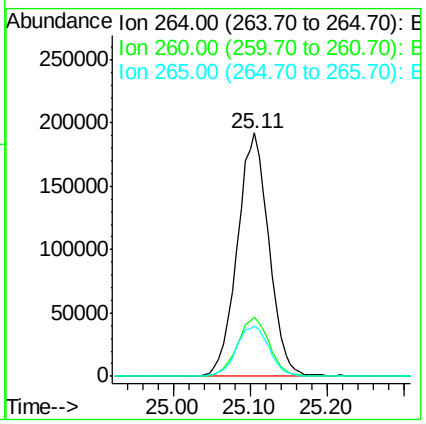




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029365.D
Acq: 19 Oct 2017 14:36

Tgt Ion:264 Resp: 551535

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.9	17.7	26.5



Instrument :
BNA_G
ClientSampleId :
SU-03-101717