Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031446.D
Acq On : 9 Dec 2017 8:30
Operator : SJ/JU
Sample : I6725-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-TPI1-SW01

Quant Time: Dec 11 04:31:07 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36268	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	160848	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	114488	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	351020	20.00	ng	0.00
75) Chrysene-d12	21.77	240	399934	20.00	ng	0.00
86) Perylene-d12	25.06	264	373849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	285199	134.84	ng	0.00
7) Phenol-d6	7.29	99	362666	127.28	ng	0.00
23) Nitrobenzene-d5	9.29	82	270979	99.83	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	215696	116.46	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	786305	98.69	ng	0.00
78) Terphenyl-d14	20.08	244	1759243	97.13	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.00	128	46448	5.874	ng	99

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

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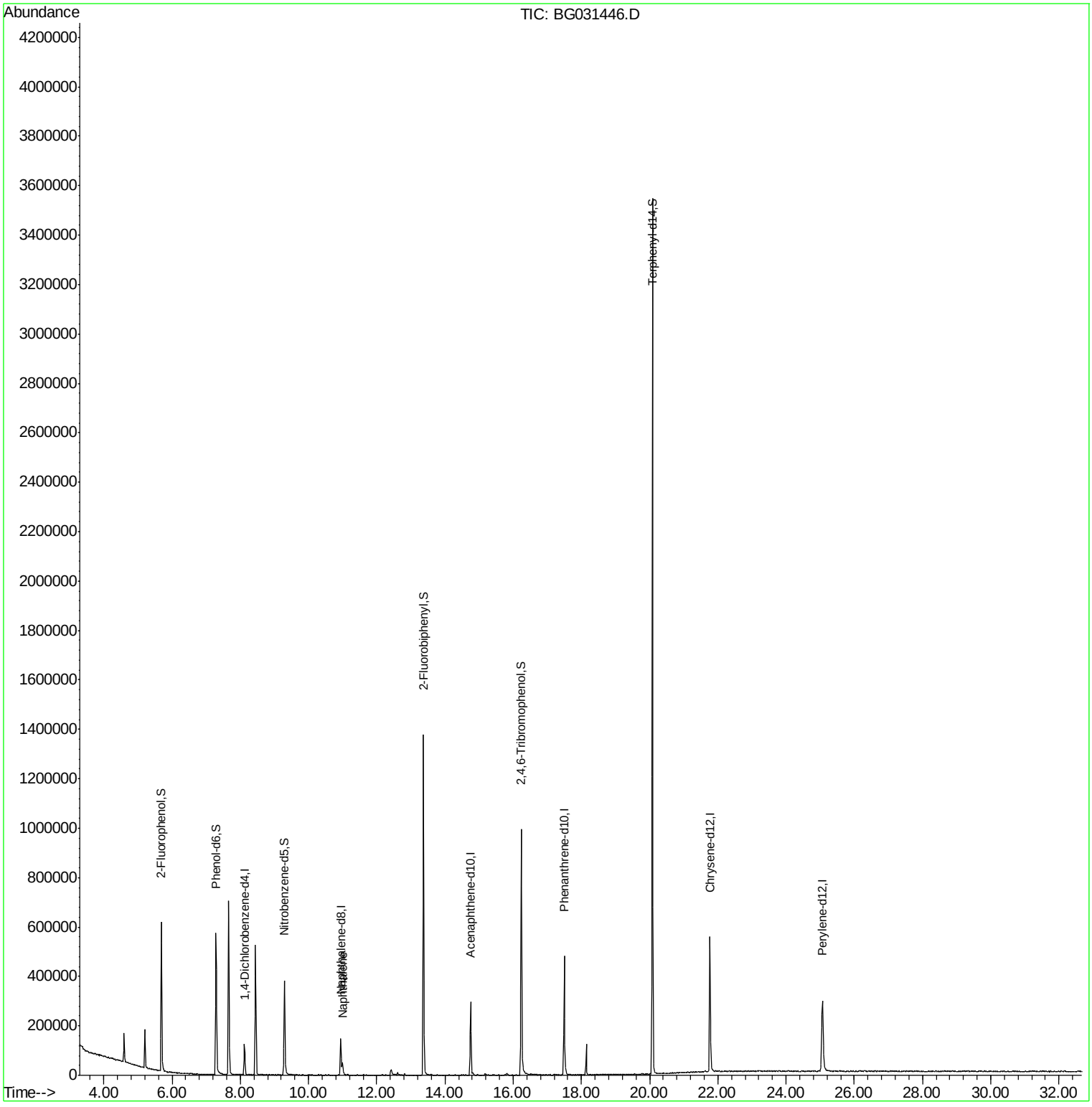
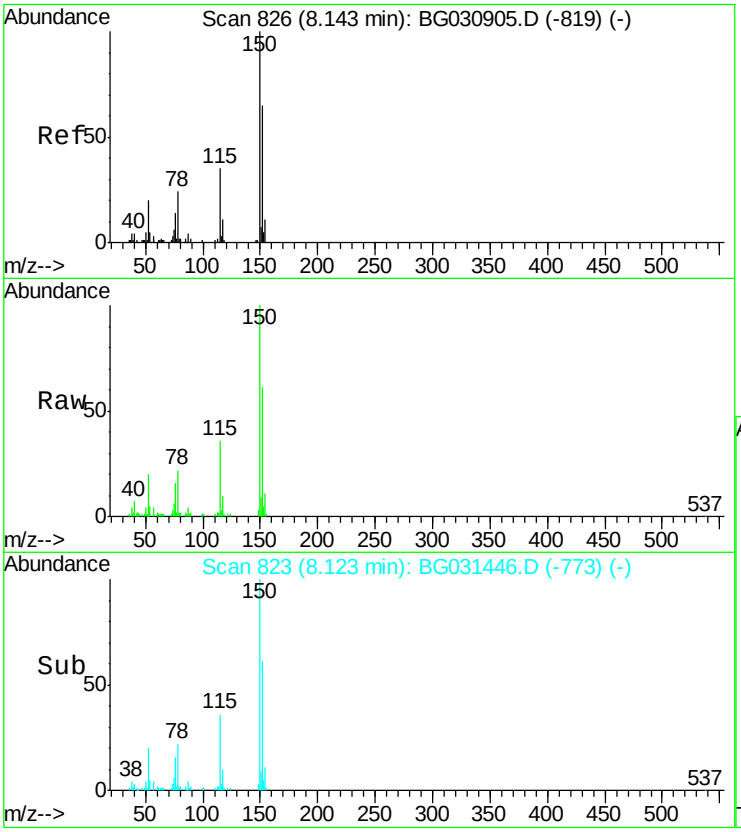


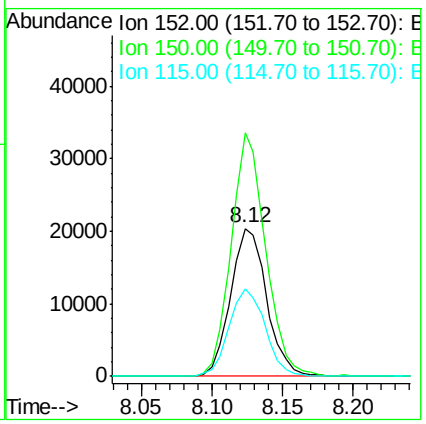


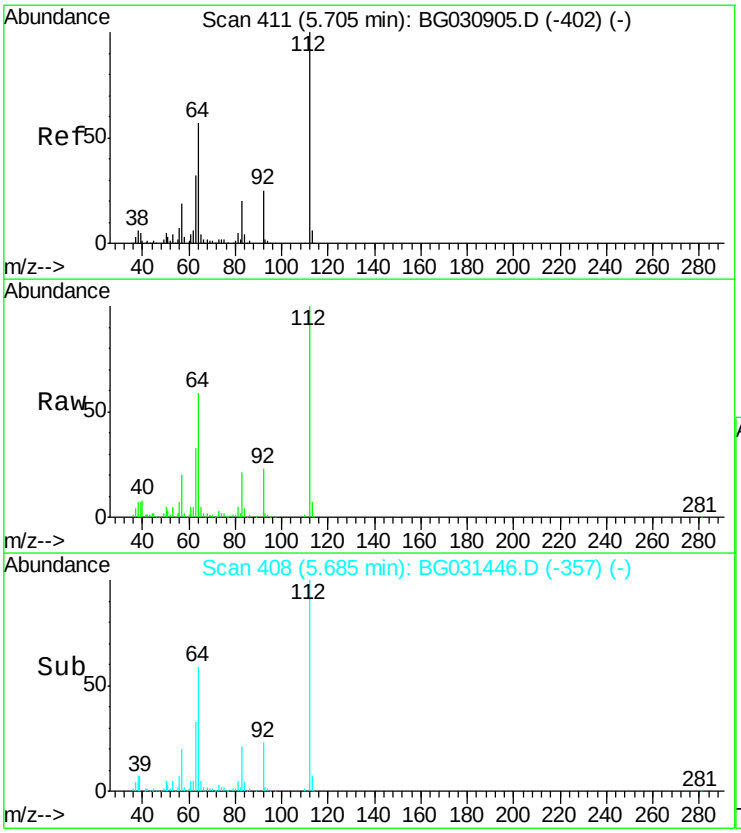
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW01

Tgt Ion:152 Resp: 36268

Ion	Ratio	Lower	Upper
152	100		
150	164.6	126.6	189.8
115	59.4	53.0	79.4

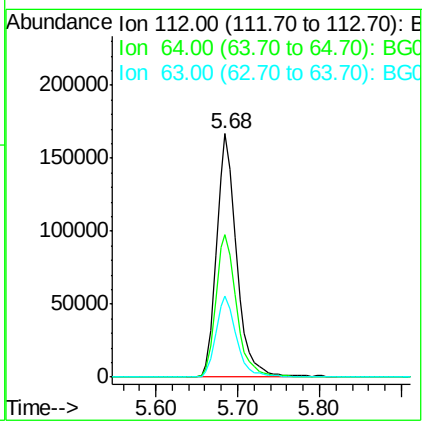


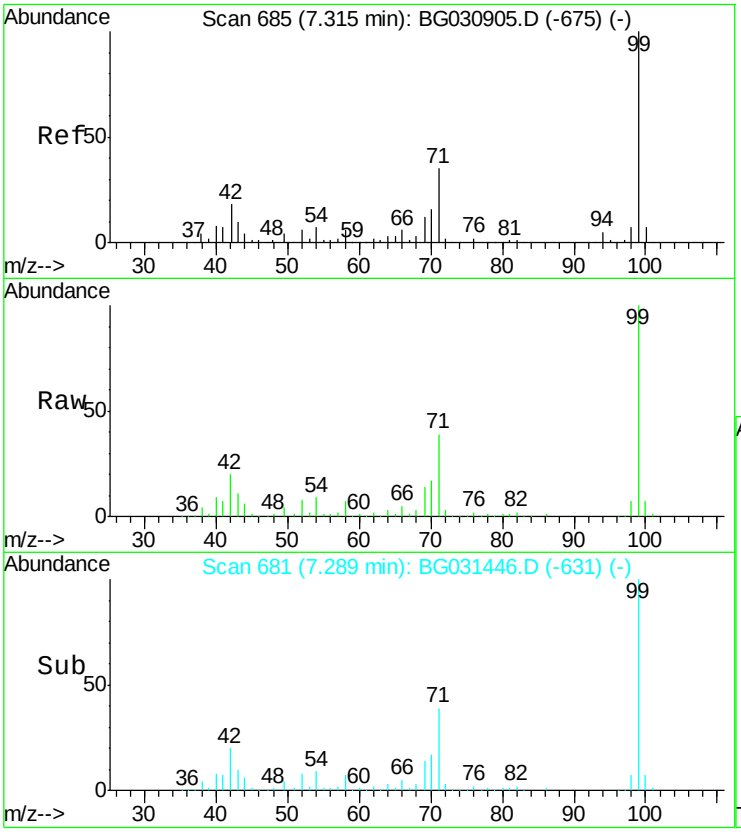


#5
2-Fluorophenol
Concen: 134.843 ng
RT: 5.68 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Tgt Ion:112 Resp: 285199

Ion	Ratio	Lower	Upper
112	100		
64	58.6	56.3	84.5
63	33.0	30.1	45.1



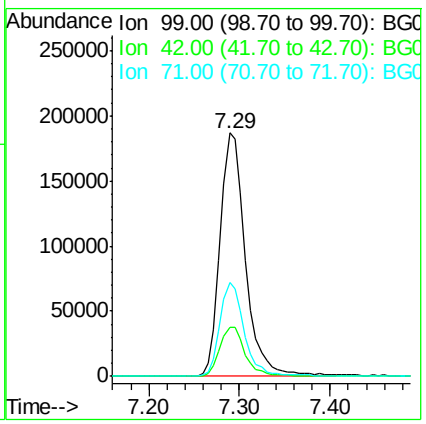


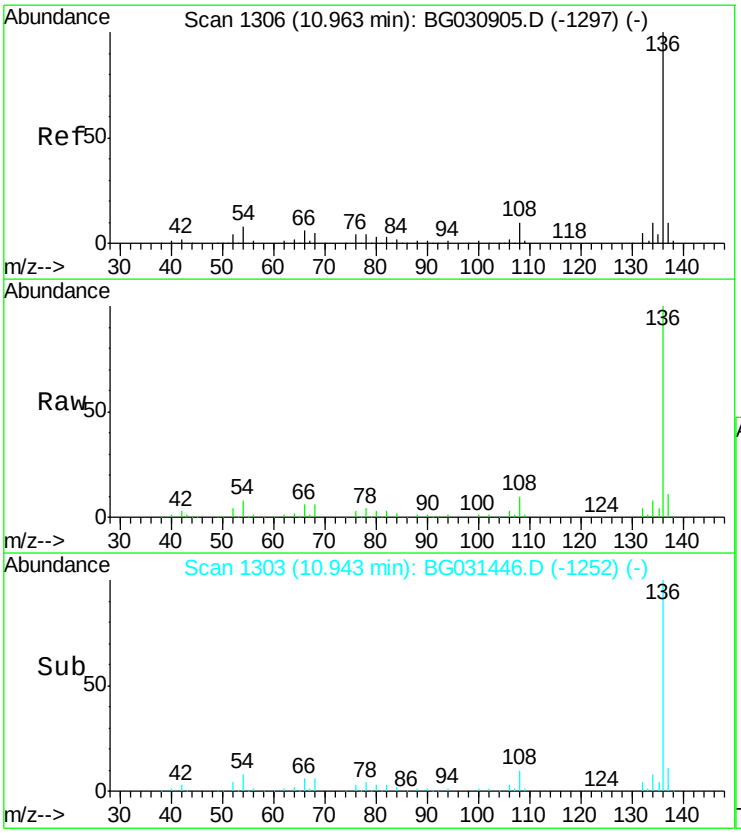
#7
Phenol-d6
Concen: 127.277 ng
RT: 7.29 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW01

Tgt Ion: 99 Resp: 362666

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.1	21.1
71	38.6	26.1	39.1

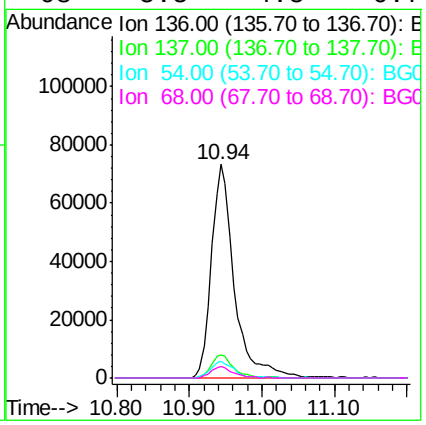


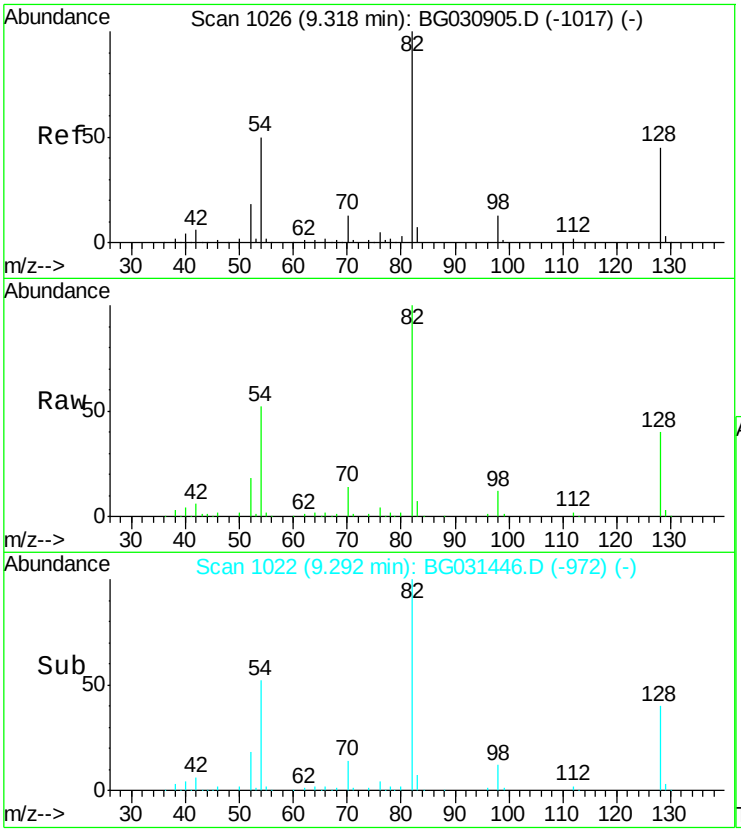


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Tgt Ion:136 Resp: 160848

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.8	10.3	15.5#
68	5.5	4.5	6.7



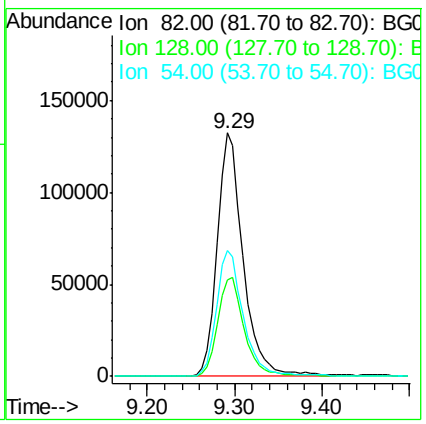


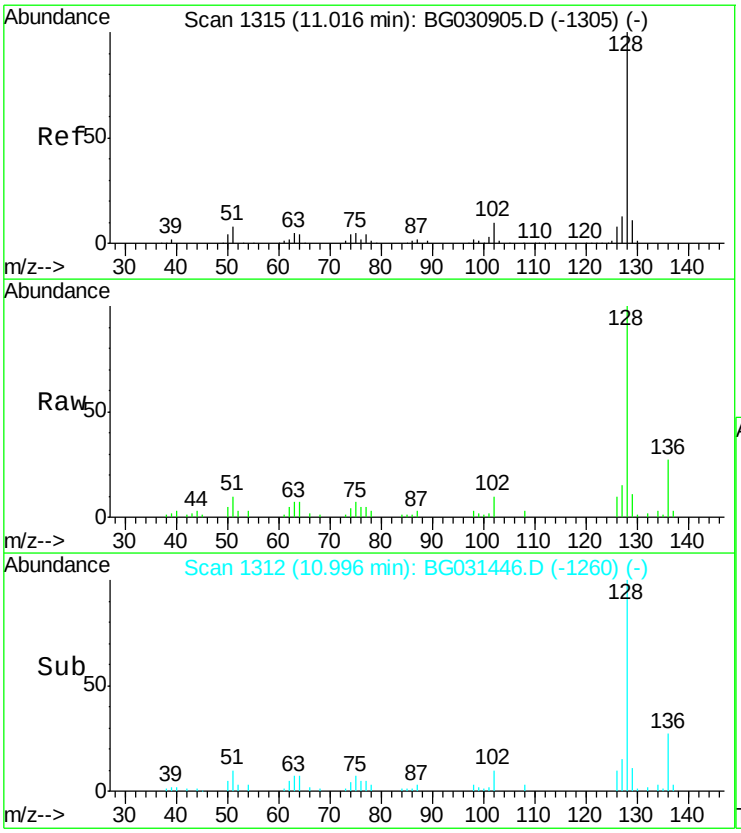
#23
Nitrobenzene-d5
Concen: 99.828 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW01

Tgt Ion: 82 Resp: 270979

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.7	44.5
54	51.8	43.1	64.7

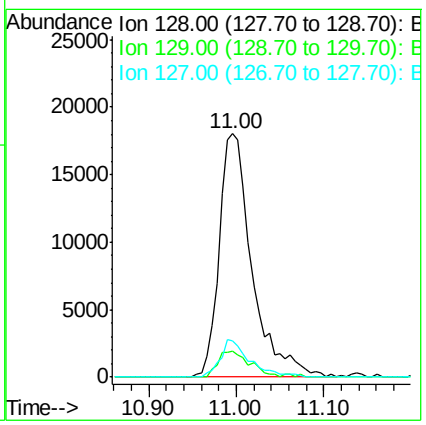


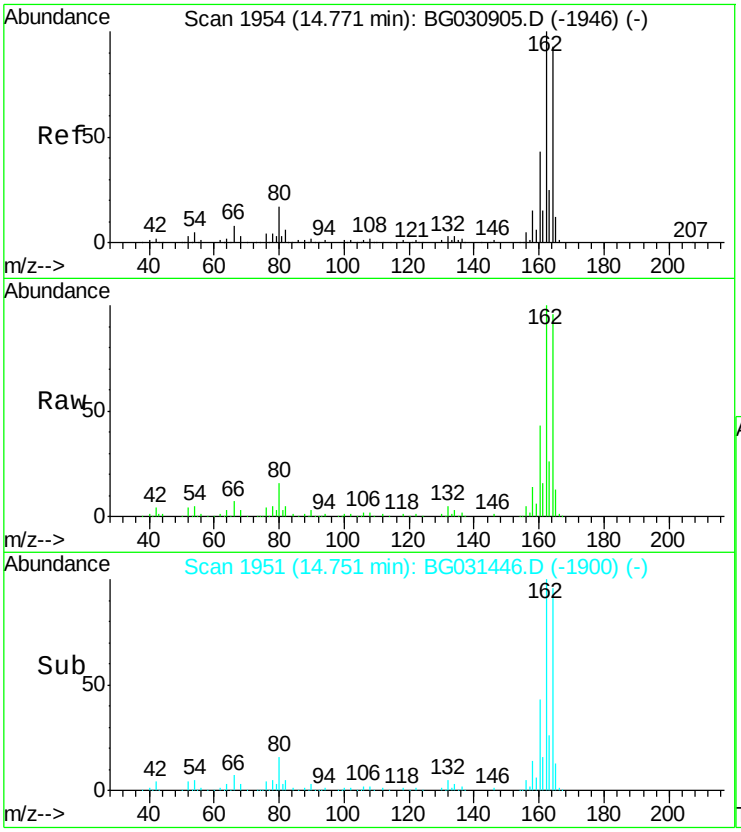


#31
Naphthalene
Concen: 5.874 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Tgt Ion:128 Resp: 46448

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	15.1	11.6	17.4



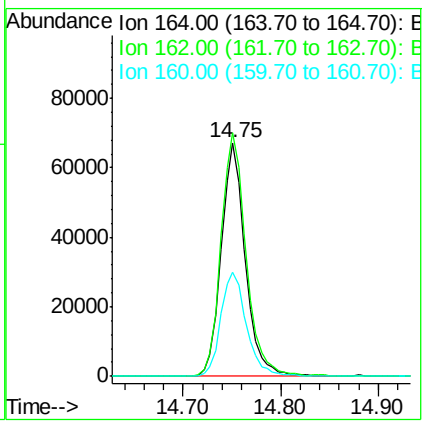


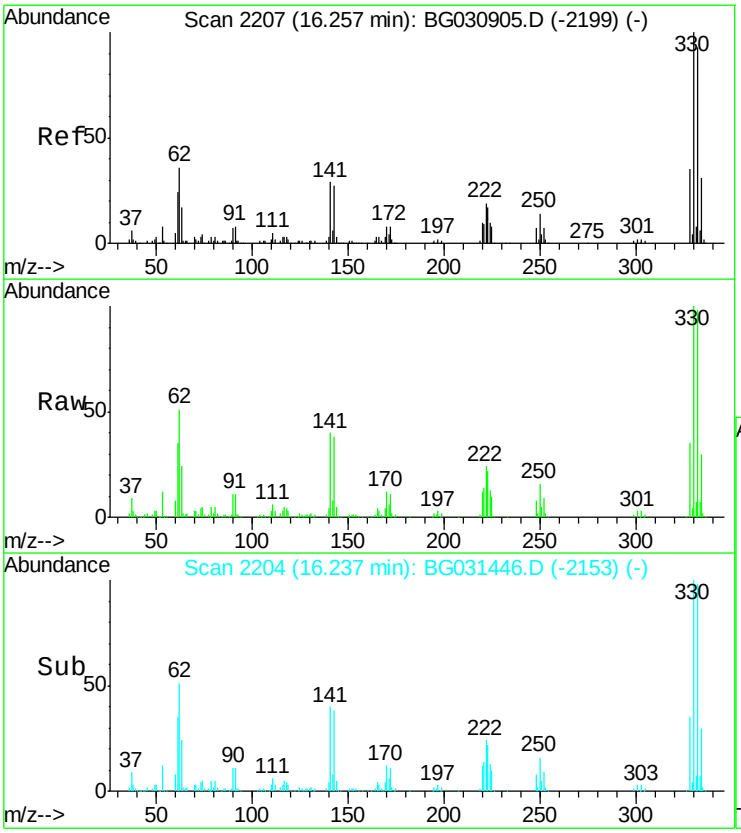
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW01

Tgt Ion:164 Resp: 114488

Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	44.3	35.4	53.0

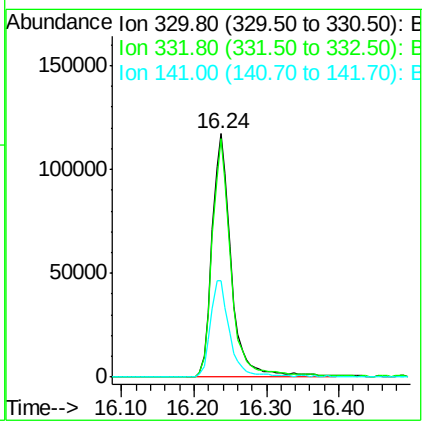


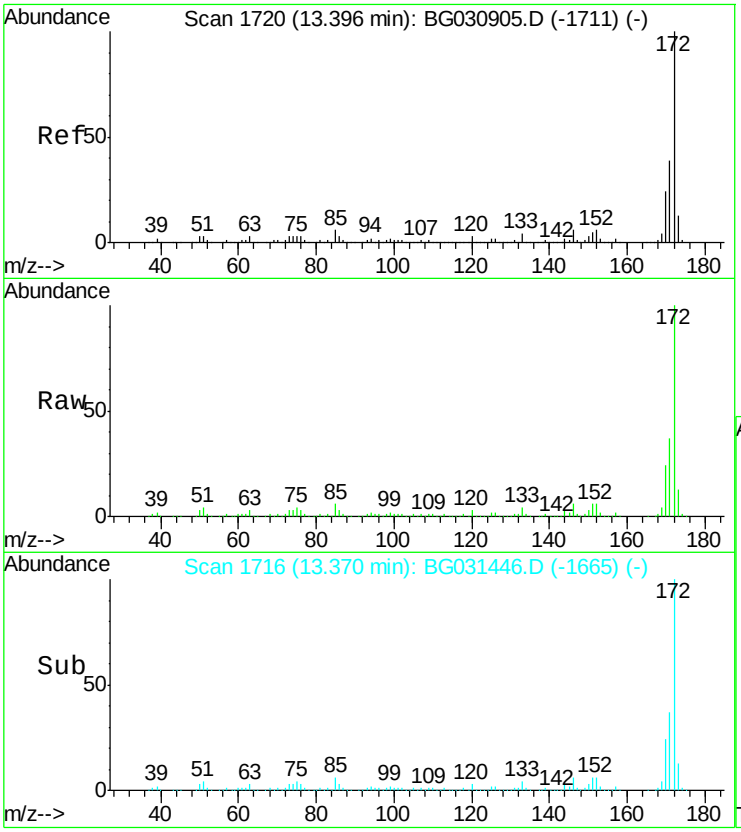


#41
2,4,6-Tribromophenol
Concen: 116.464 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Tgt Ion:330 Resp: 215696

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	40.0	25.2	37.8#



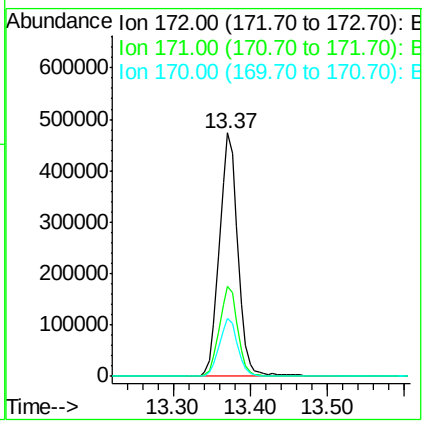


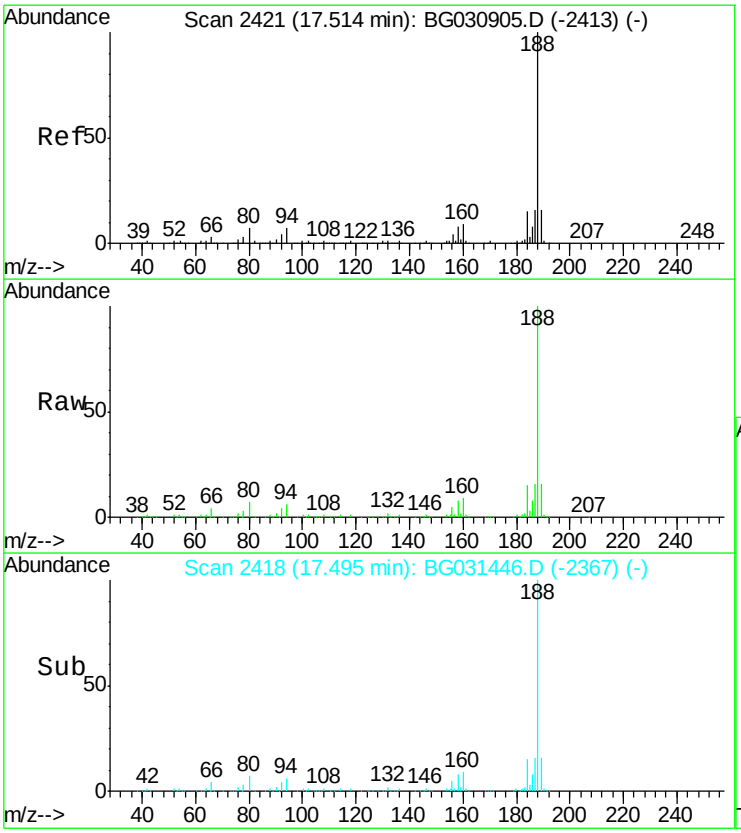
#44
2-Fluorobiphenyl
Concen: 98.686 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW01

Tgt Ion:172 Resp: 786305

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.8	19.5	29.3

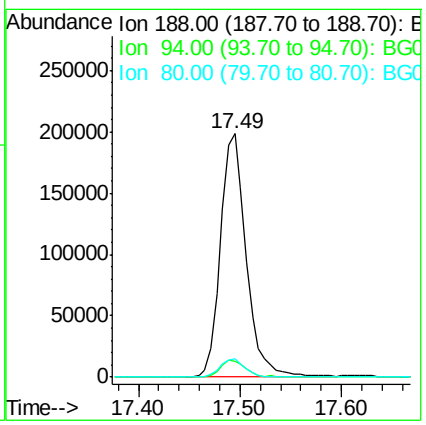


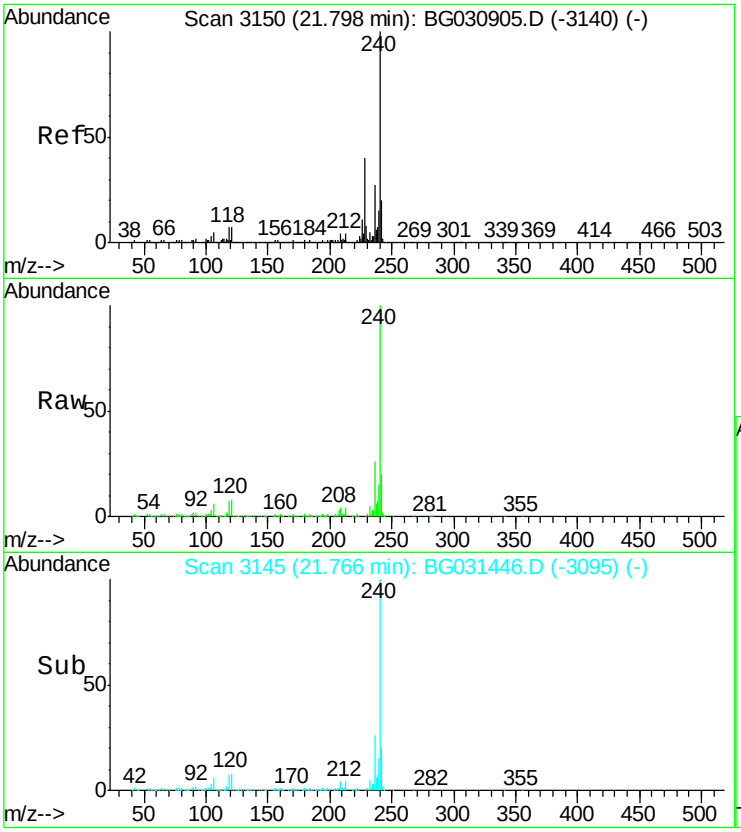


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Tgt Ion:188 Resp: 351020

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.4	7.7	11.5#



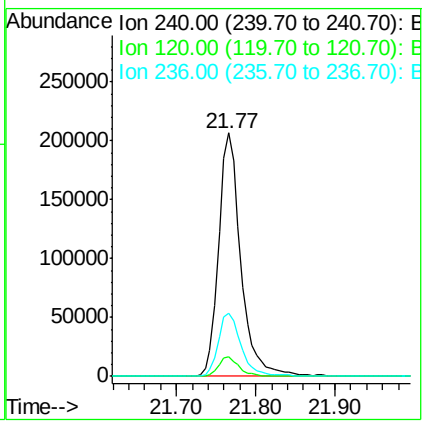


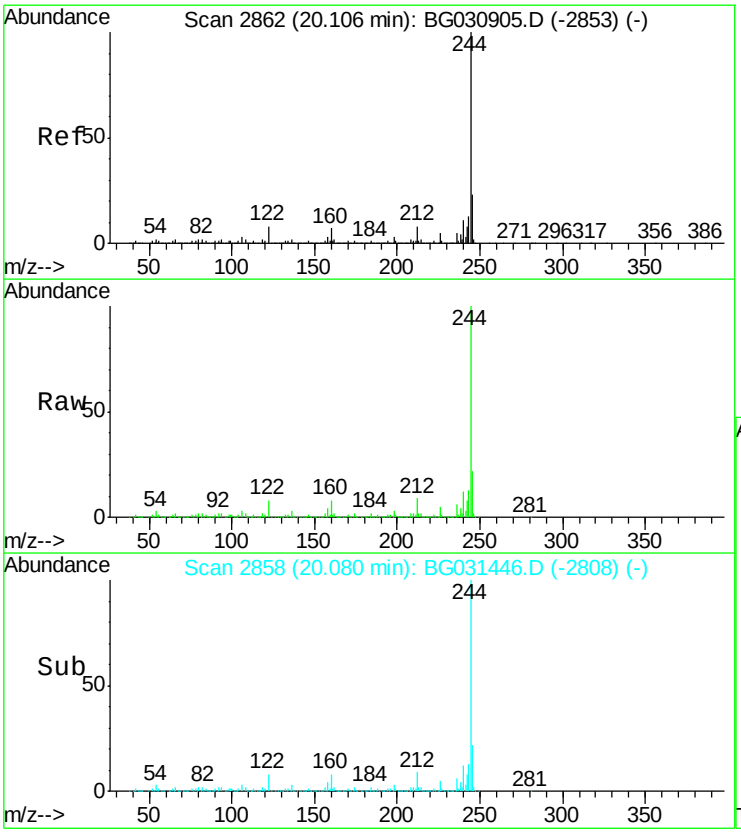
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW01

Tgt Ion:240 Resp: 399934

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	26.1	20.9	31.3

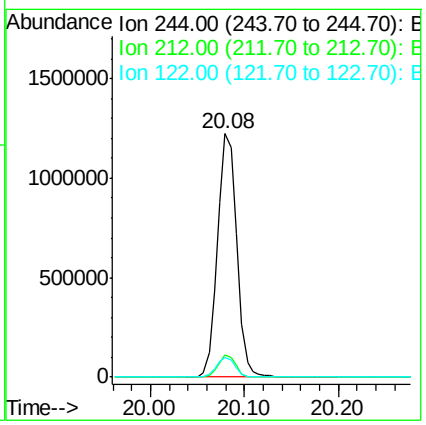


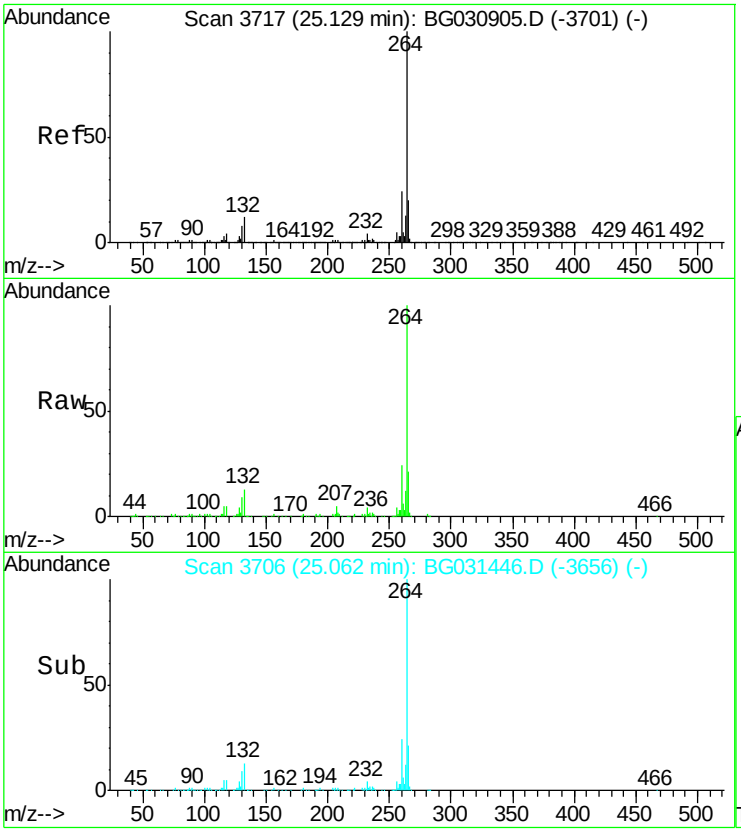


#78
Terphenyl-d14
Concen: 97.130 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Tgt Ion:244 Resp: 1759243

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	8.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG031446.D
Acq: 9 Dec 2017 8:30

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW01

Tgt Ion:264 Resp: 373849

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.1	17.7	26.5