Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031425.D
Acq On : 8 Dec 2017 16:05
Operator : SJ/JU
Sample : I6725-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-TPI1-1218-01

Quant Time: Dec 08 17:48:28 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	8.13	152	42117	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	186053	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	136005	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	414626	20.00	ng	0.00
75) Chrysene-d12	21.76	240	484912	20.00	ng	0.00
86) Perylene-d12	25.07	264	469014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	307884	125.35	ng	0.00
7) Phenol-d6	7.29	99	363859	109.96	ng	0.00
23) Nitrobenzene-d5	9.29	82	293707	93.54	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	252755	114.88	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	868808	91.79	ng	0.00
78) Terphenyl-d14	20.08	244	1988665	90.56	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.99	128	111418	12.182	ng	# 96

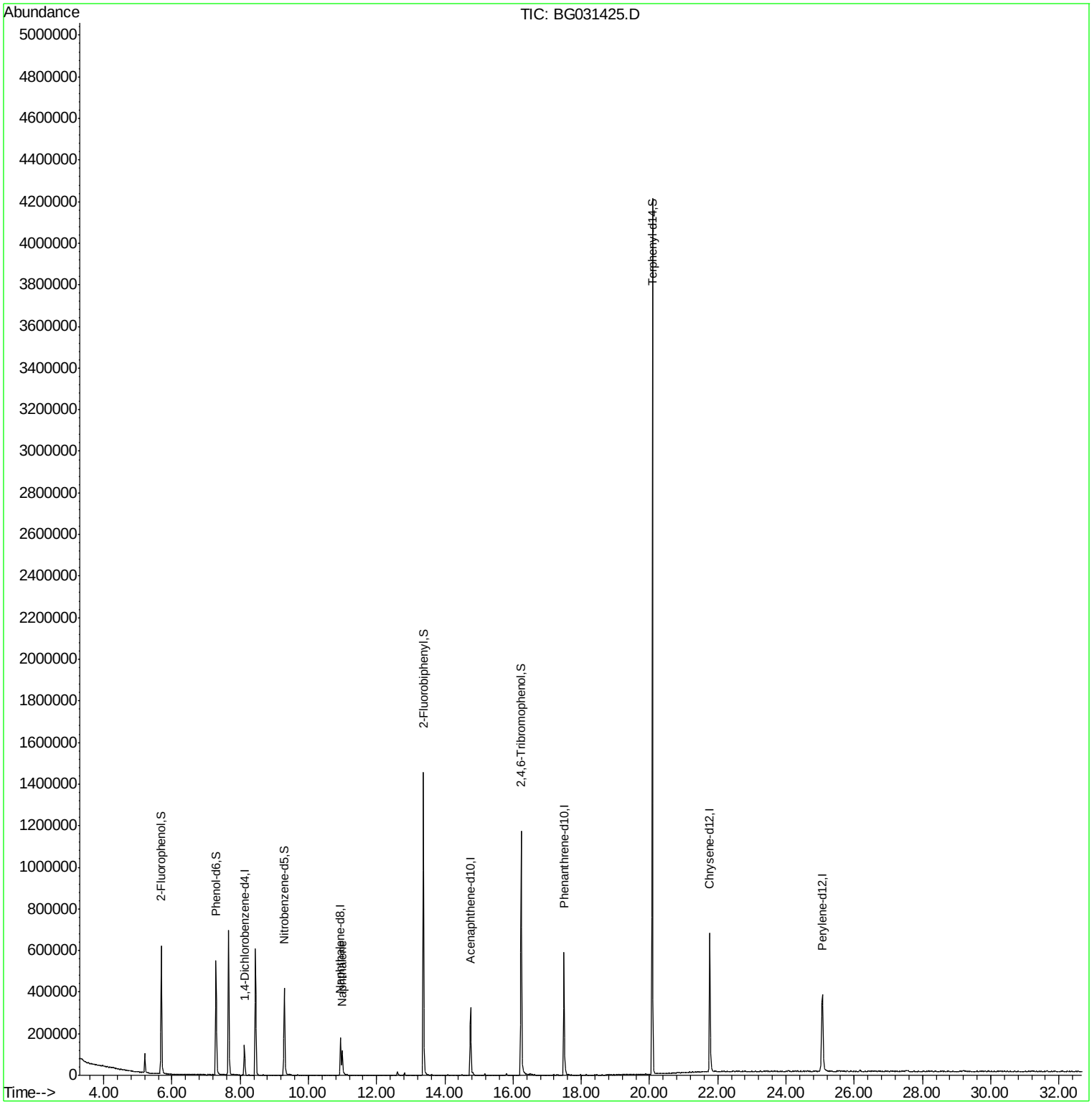
(#) = qualifier out of range (m) = manual integration (+) = signals summed

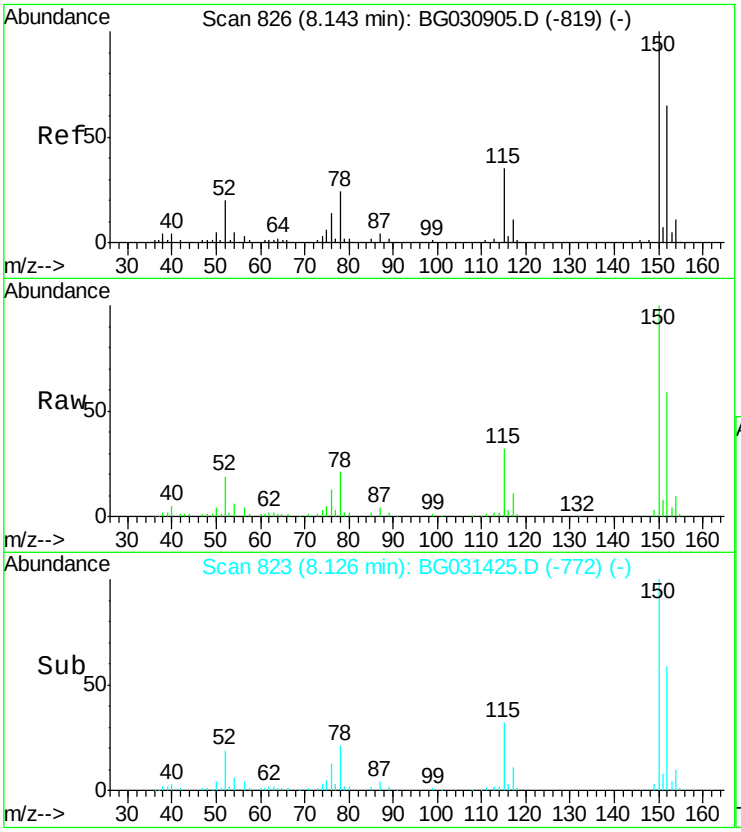
Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031425.D
Acq On : 8 Dec 2017 16:05
Operator : SJ/JU
Sample : I6725-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01

Quant Time: Dec 08 17:48:28 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



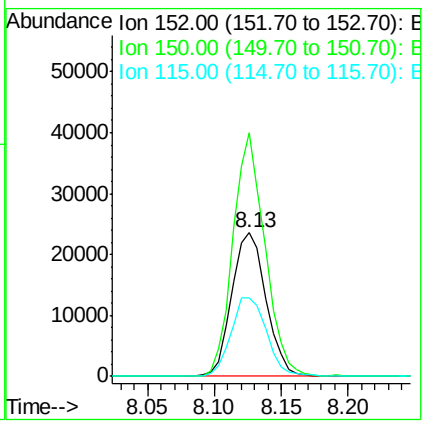


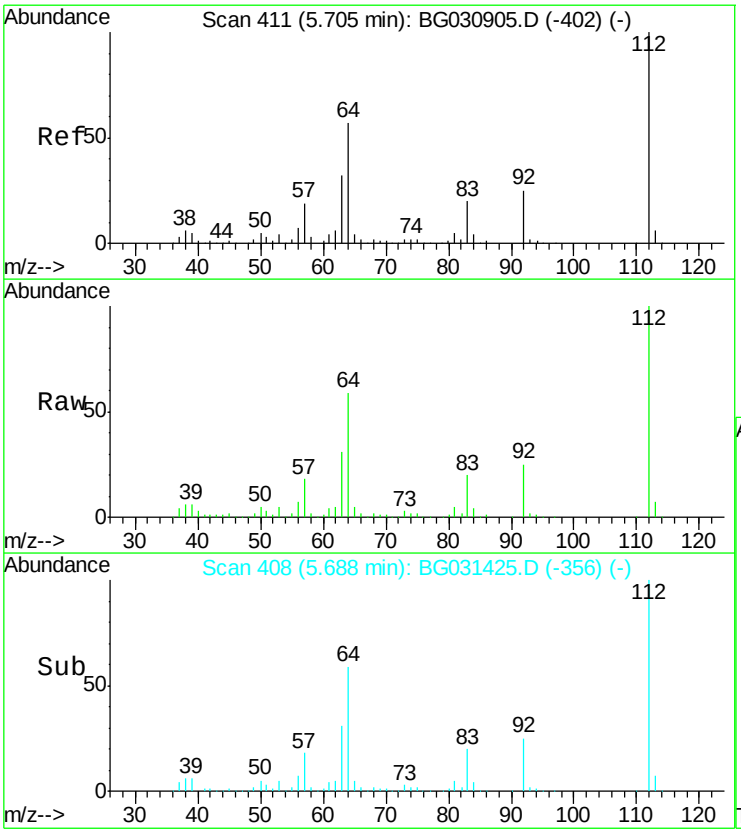
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01

Tgt Ion:152 Resp: 42117

Ion	Ratio	Lower	Upper
152	100		
150	169.5	126.6	189.8
115	55.1	53.0	79.4

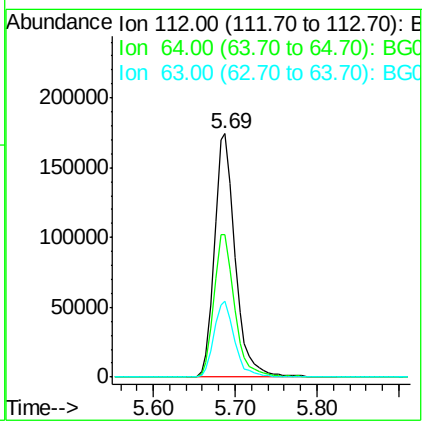


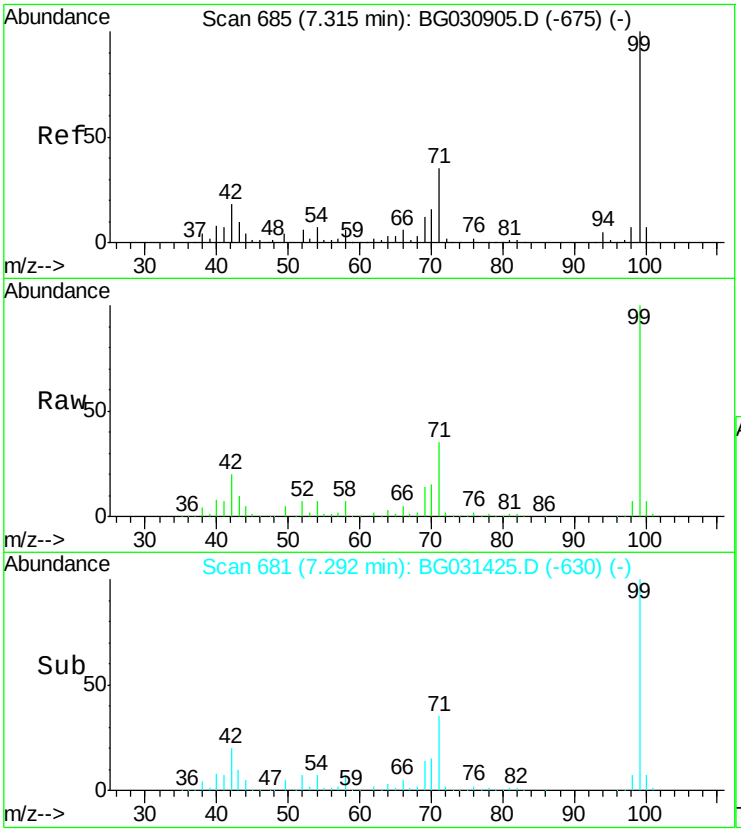


#5
2-Fluorophenol
Concen: 125.352 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Tgt Ion:112 Resp: 307884

Ion	Ratio	Lower	Upper
112	100		
64	58.7	56.3	84.5
63	31.1	30.1	45.1



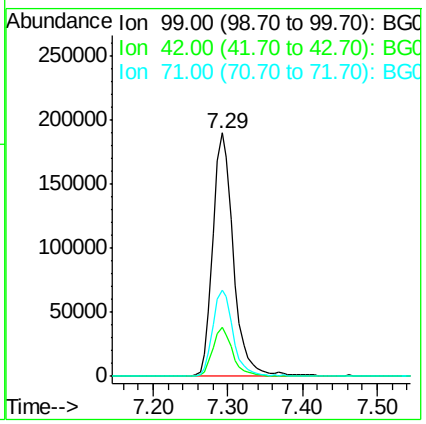


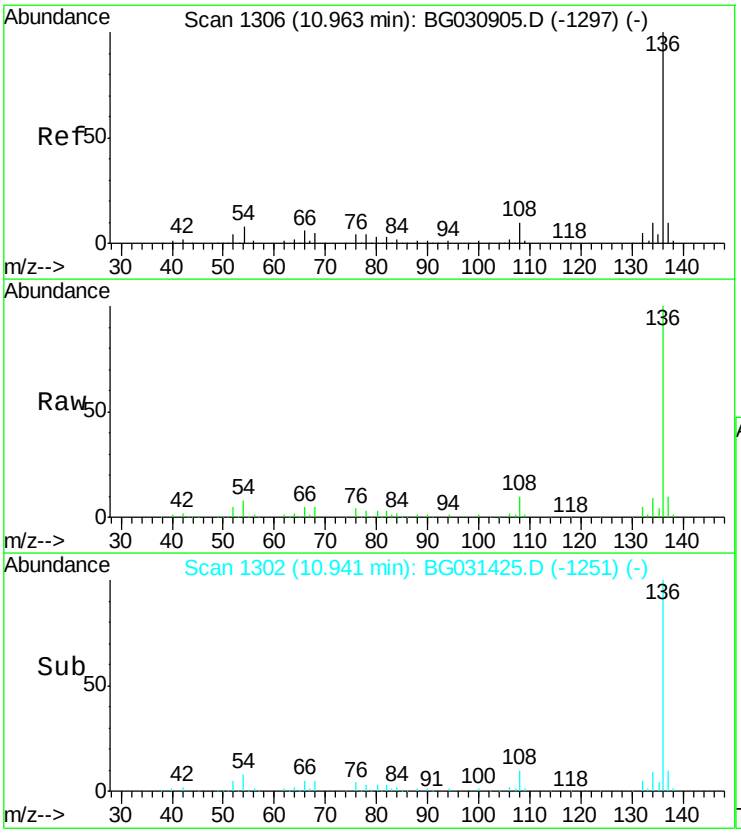
#7
Phenol-d6
Concen: 109.962 ng
RT: 7.29 min Scan# 681
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01

Tgt Ion: 99 Resp: 363859

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.1	21.1
71	35.2	26.1	39.1

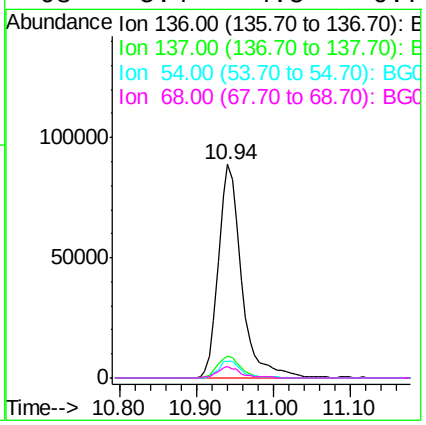


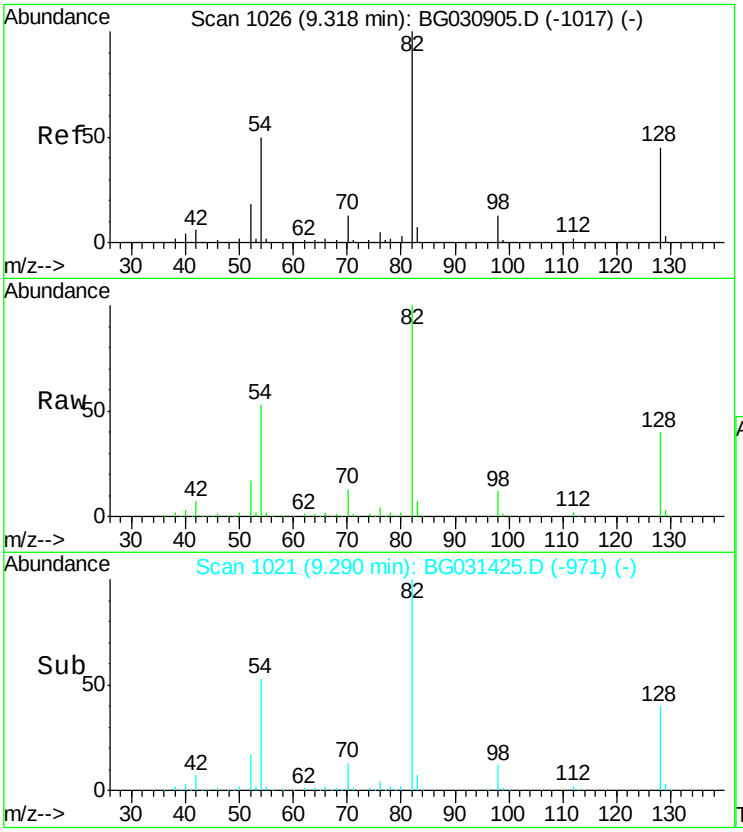


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Tgt Ion:136 Resp: 186053

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	7.9	10.3	15.5#
68	5.4	4.5	6.7



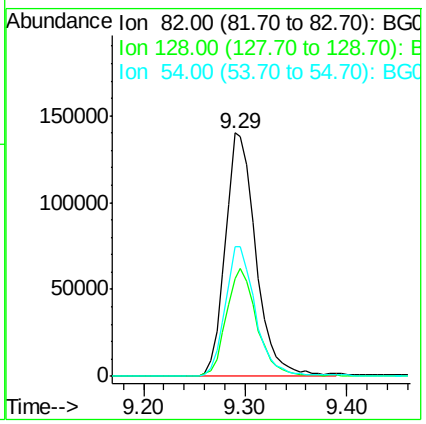


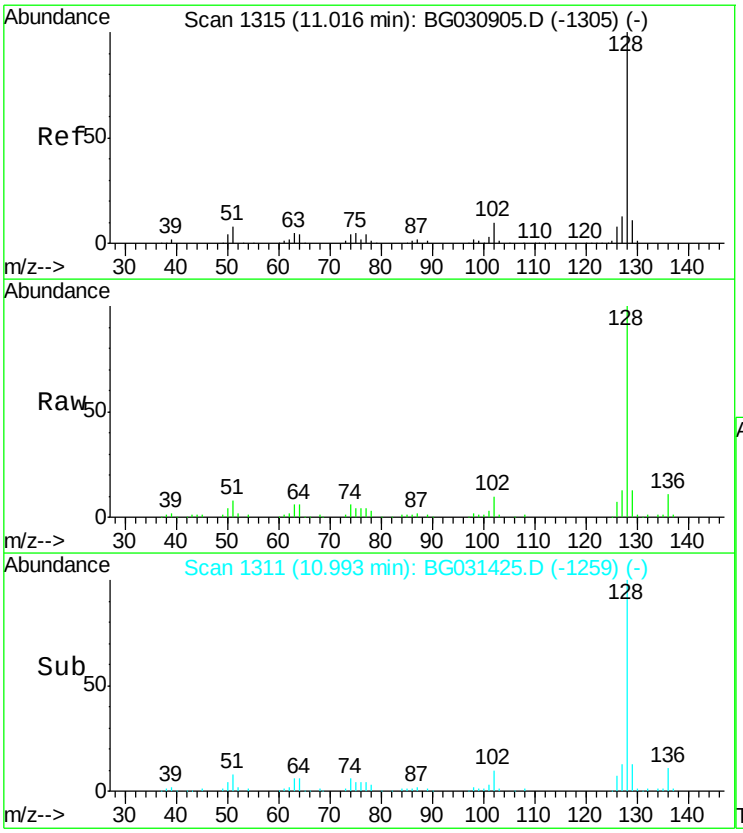
#23
Nitrobenzene-d5
Concen: 93.543 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01

Tgt Ion: 82 Resp: 293707

Ion	Ratio	Lower	Upper
82	100		
128	40.1	29.7	44.5
54	53.0	43.1	64.7

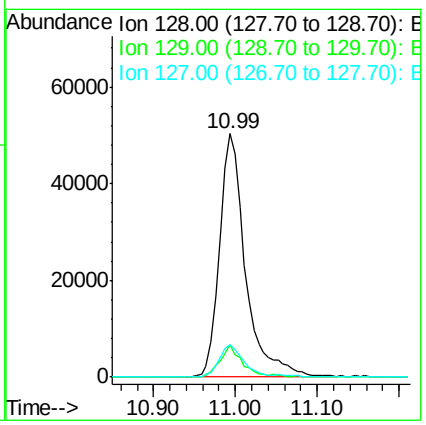


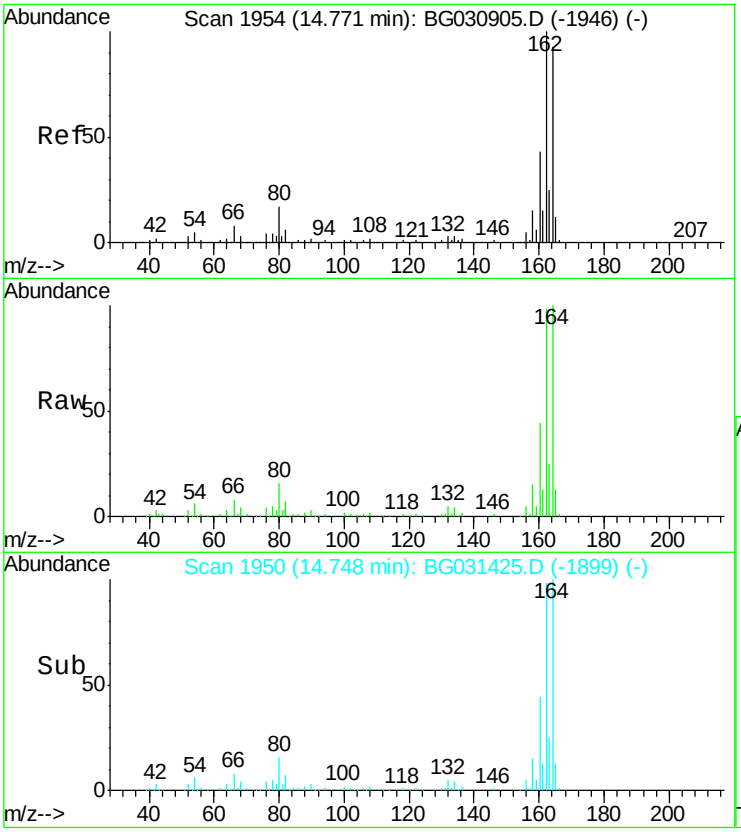


#31
Naphthalene
Concen: 12.182 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Tgt Ion:128 Resp: 111418

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.6	12.8#
127	13.4	11.6	17.4



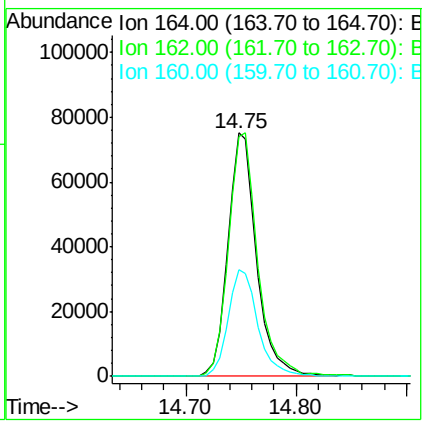


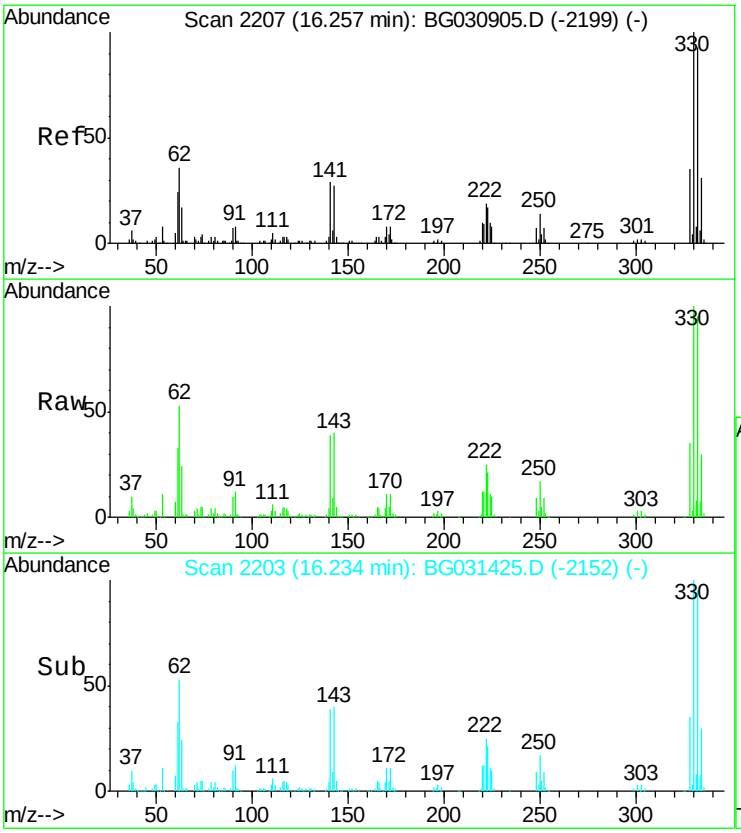
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01

Tgt Ion:164 Resp: 136005

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.8	118.2
160	43.8	35.4	53.0

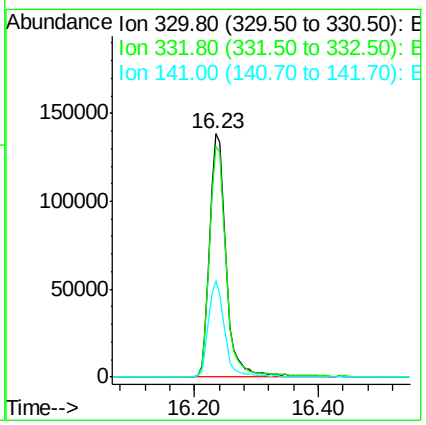


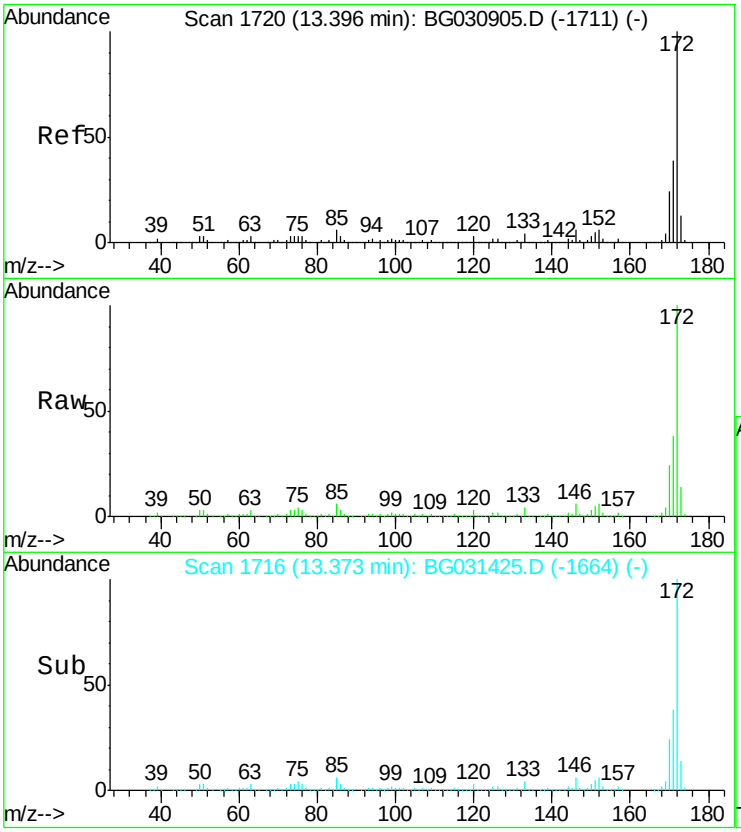


#41
2,4,6-Tribromophenol
Concen: 114.882 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Tgt Ion:330 Resp: 252755

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	38.7	25.2	37.8#



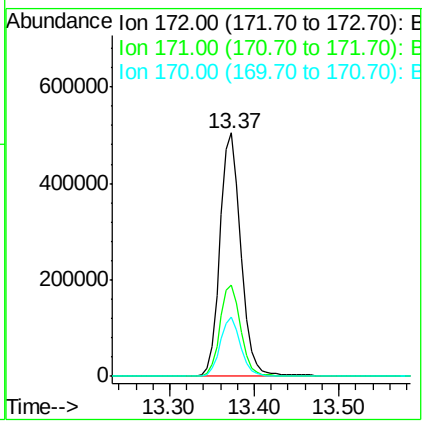


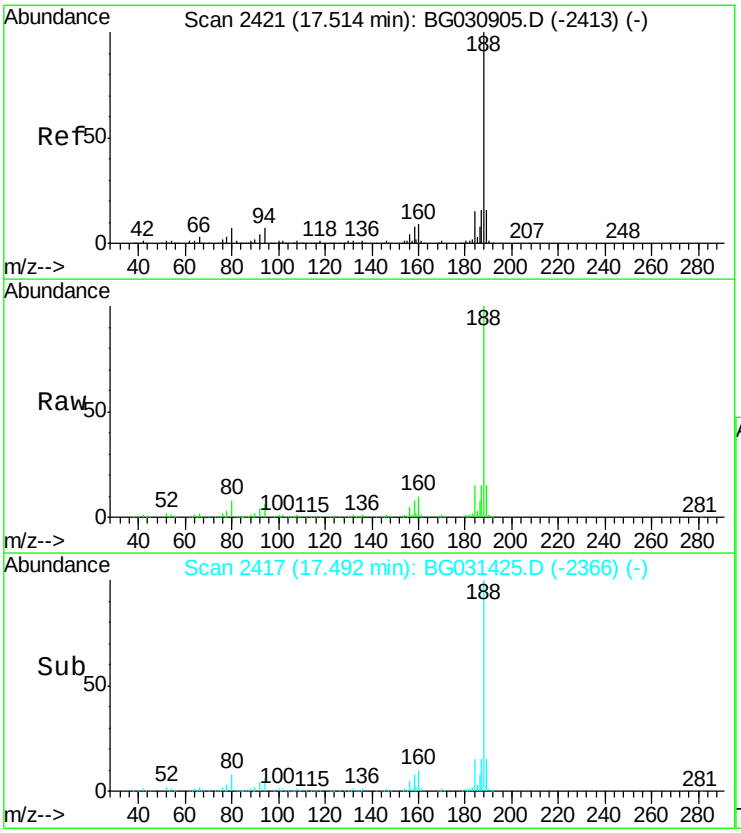
#44
2-Fluorobiphenyl
Concen: 91.789 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Instrument : BNA_G
ClientSampleId : P001-TPI1-1218-01

Tgt Ion:172 Resp: 868808

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.4	19.5	29.3

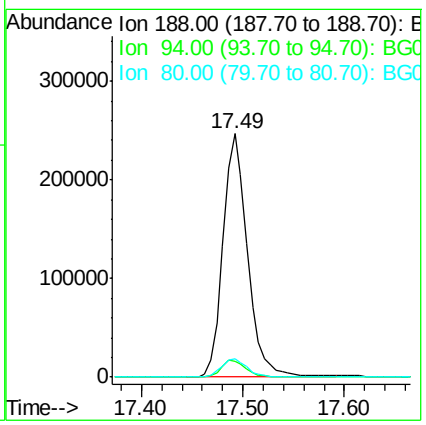


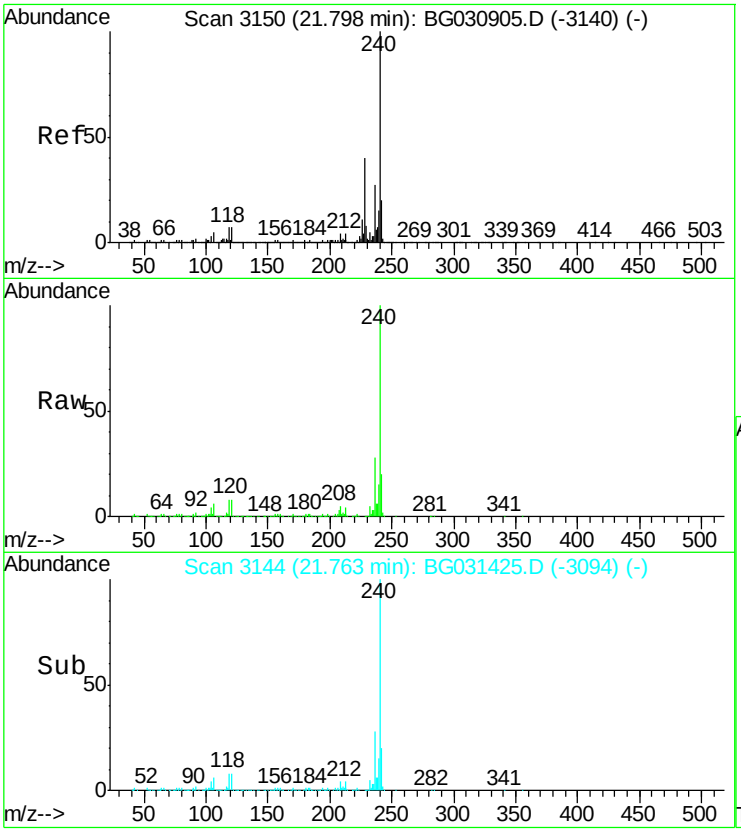


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Tgt Ion:188 Resp: 414626

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.7	7.7	11.5



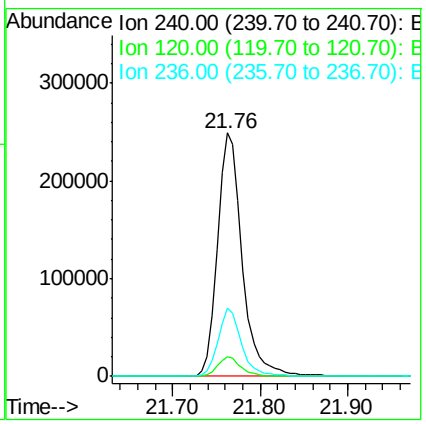


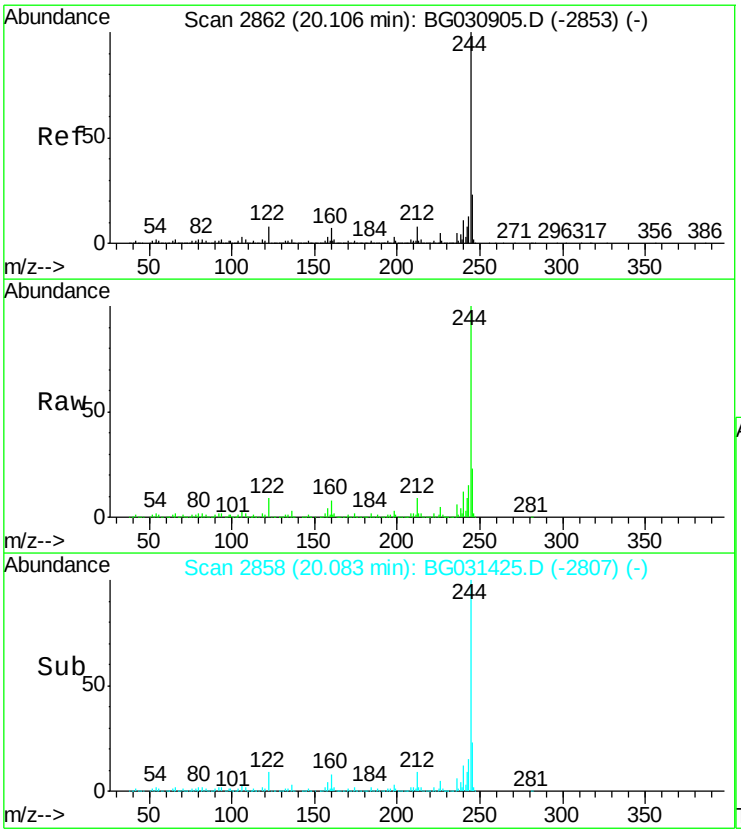
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01

Tgt Ion:240 Resp: 484912

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	28.0	20.9	31.3

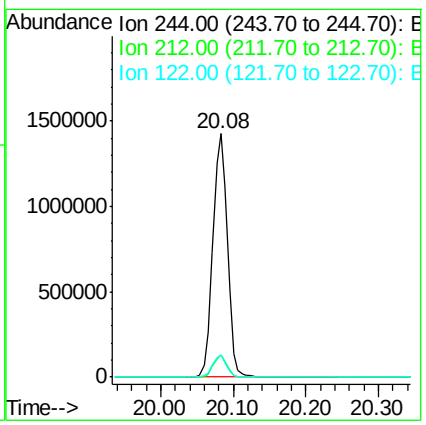


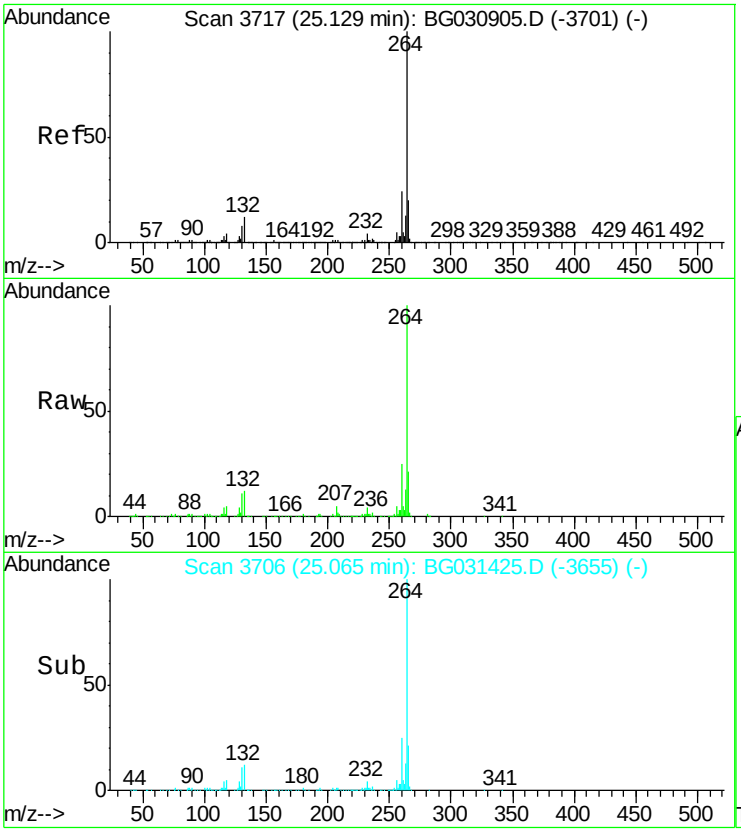


#78
Terphenyl-d14
Concen: 90.556 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Tgt Ion:244 Resp: 1988665

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	9.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01

Tgt Ion:264 Resp: 469014

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.3	17.7	26.5