Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031646.D
Acq On : 18 Dec 2017 22:43
Operator : SJ/JU
Sample : I6680-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-121417-D

Quant Time: Dec 19 07:53:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	71739	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	304126	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	202667	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	545459	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	583746	20.00	ng	-0.01
86) Perylene-d12	25.01	264	508189	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	593605	146.67	ng	0.00
7) Phenol-d6	7.27	99	685621	122.03	ng	0.00
23) Nitrobenzene-d5	9.27	82	486772	98.65	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	423557	178.39	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1419252	102.79	ng	0.00
78) Terphenyl-d14	20.06	244	2590350	100.96	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.97	128	50733	3.396	ng	# 95

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

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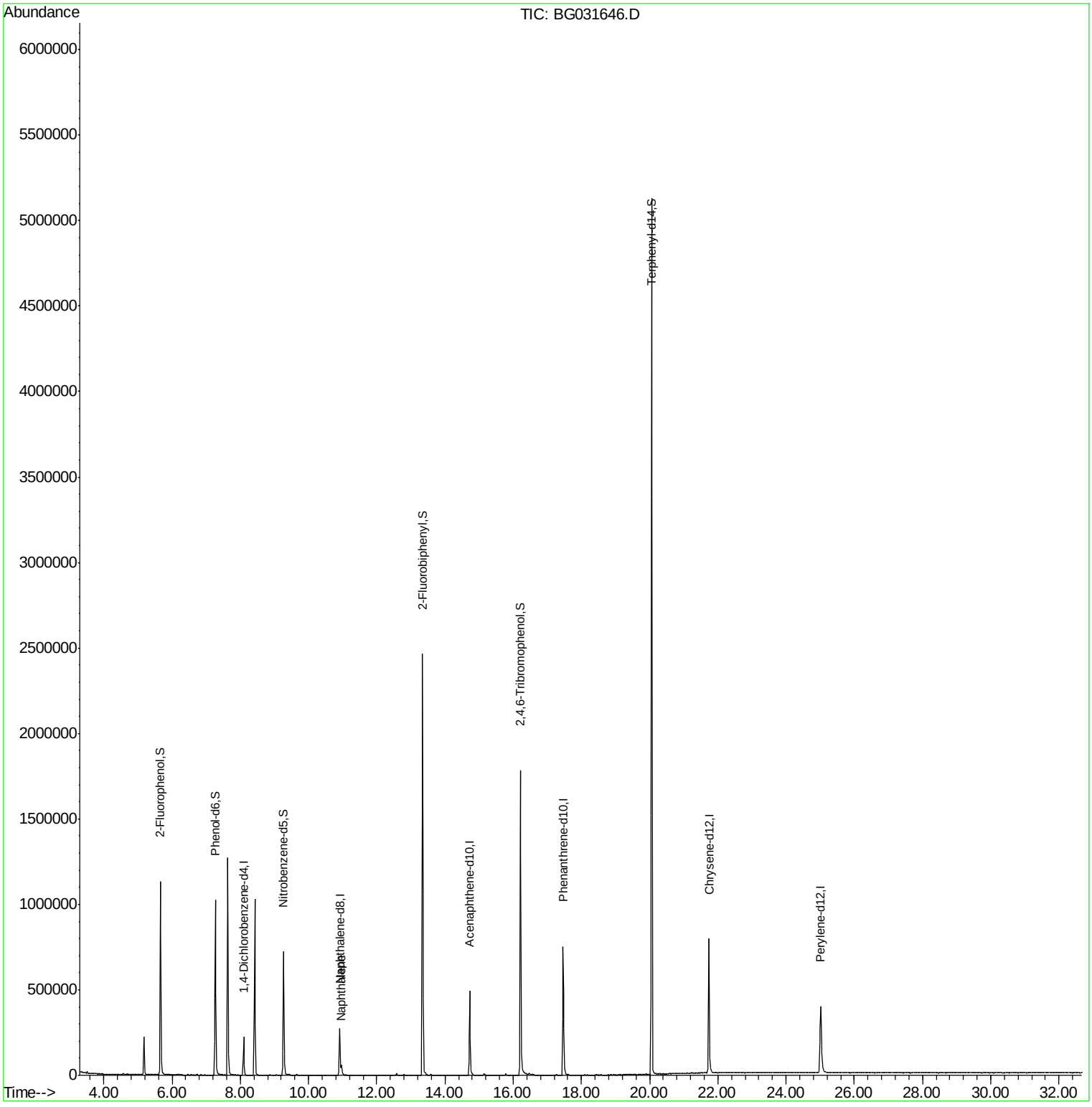
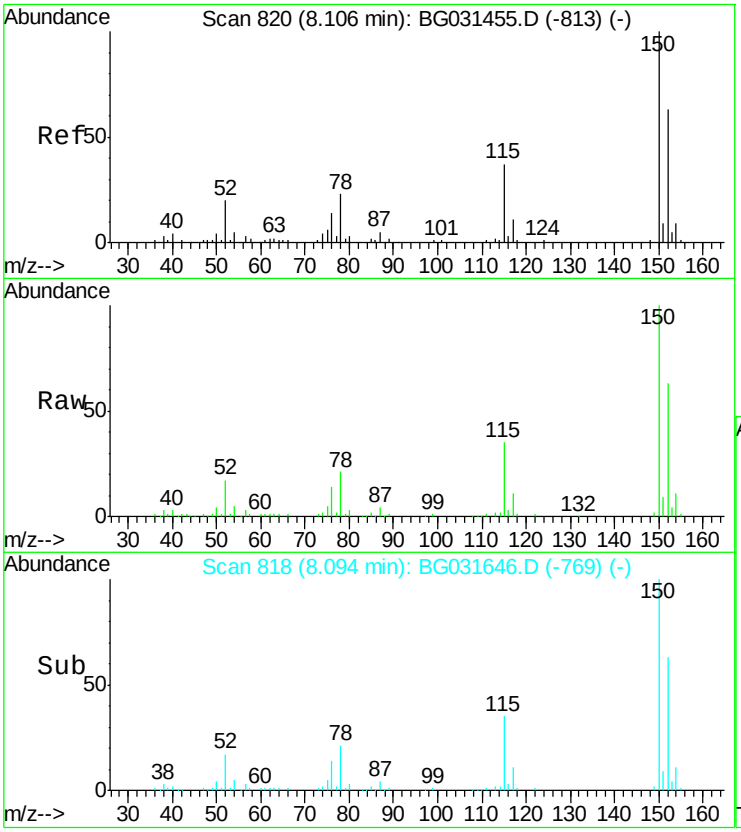


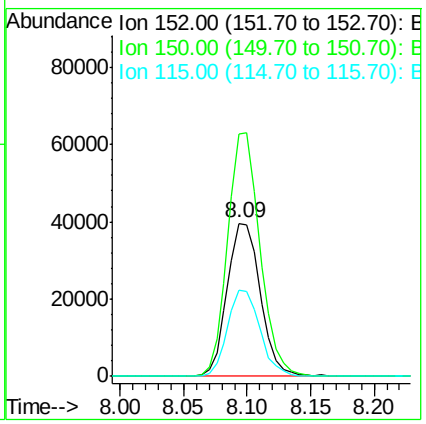


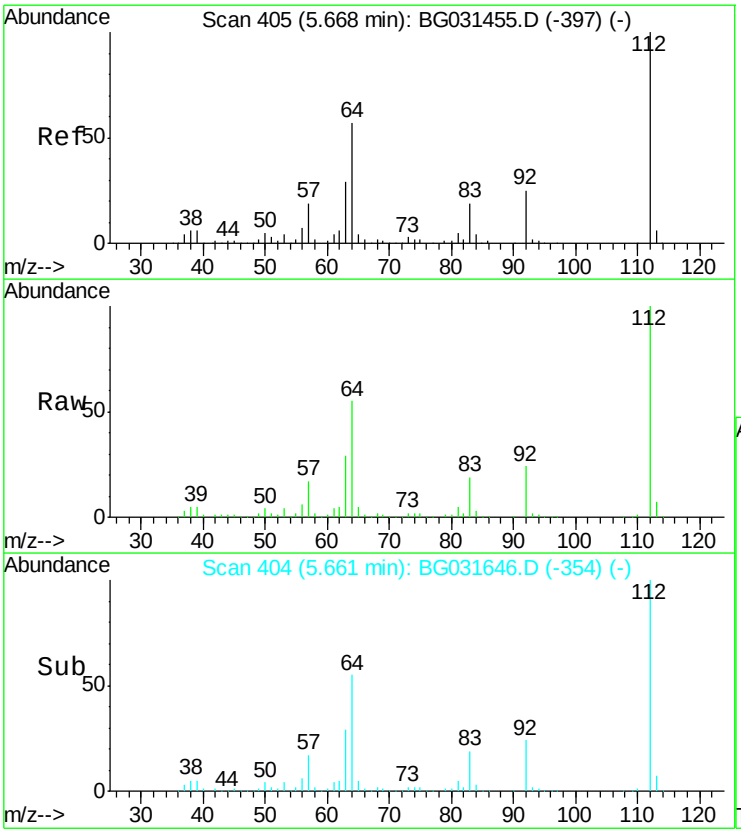
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-D

Tgt Ion:152 Resp: 71739

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.6	189.8
115	55.8	53.0	79.4

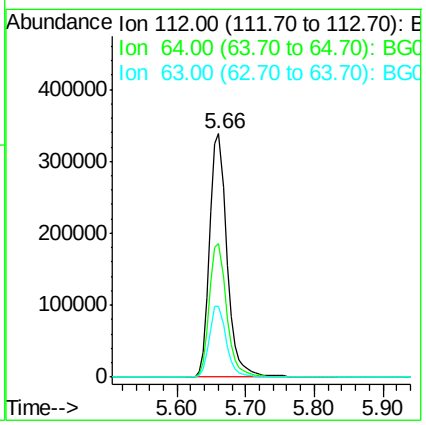


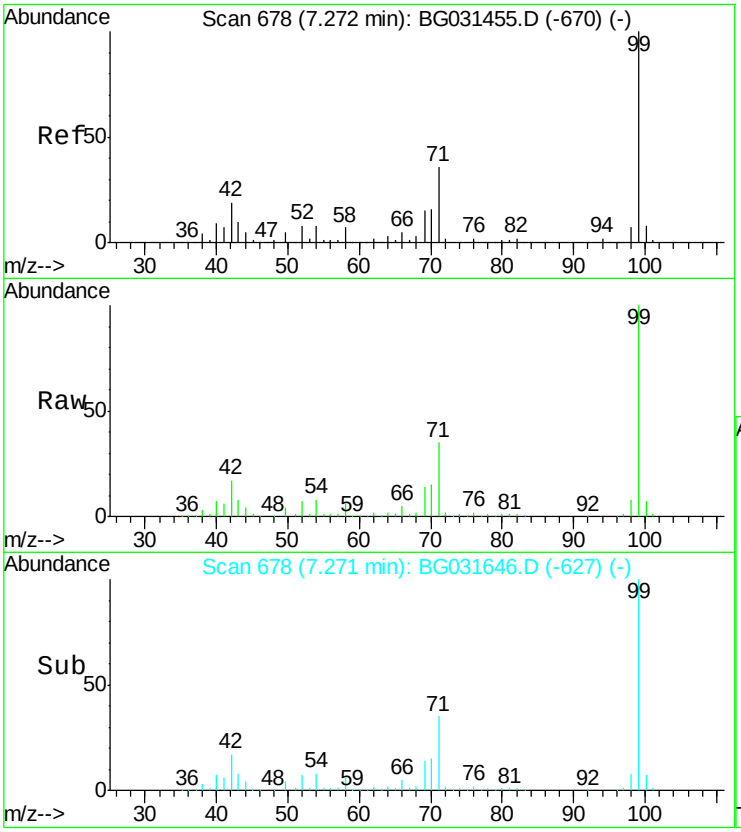


#5
2-Fluorophenol
Concen: 146.667 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Tgt Ion:112 Resp: 593605

Ion	Ratio	Lower	Upper
112	100		
64	54.7	56.3	84.5#
63	29.3	30.1	45.1#



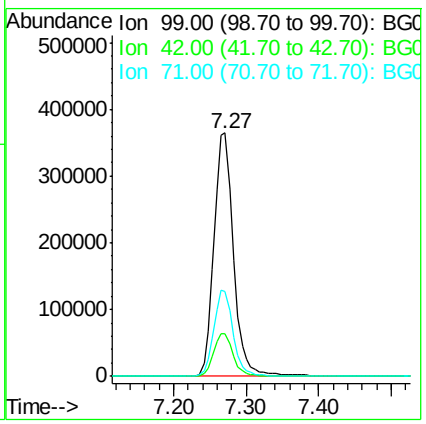


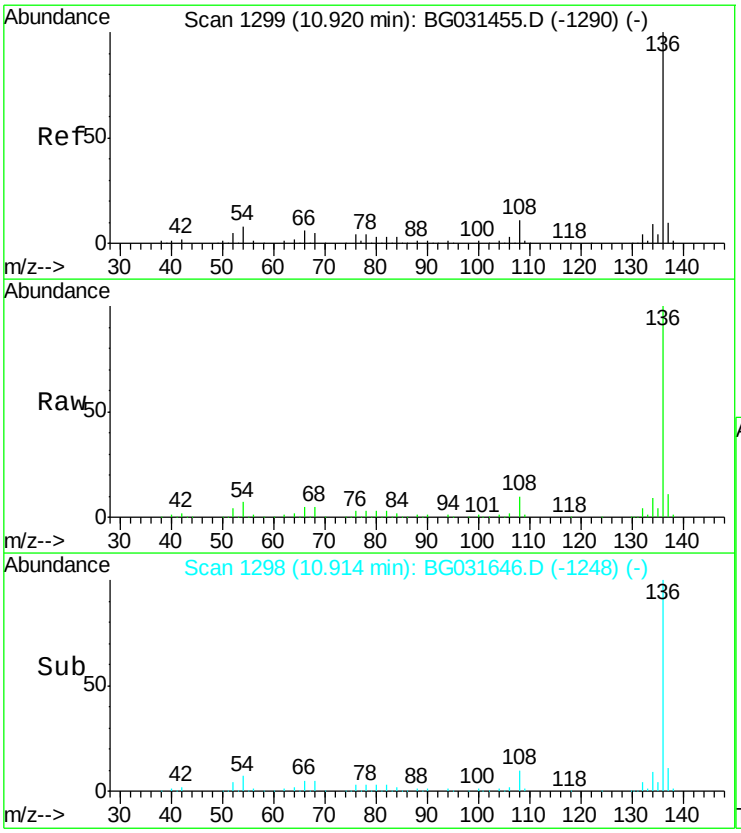
#7
Phenol-d6
Concen: 122.027 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-D

Tgt Ion: 99 Resp: 685621

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	35.0	26.1	39.1

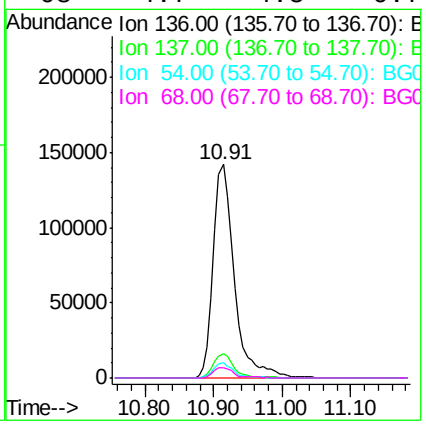


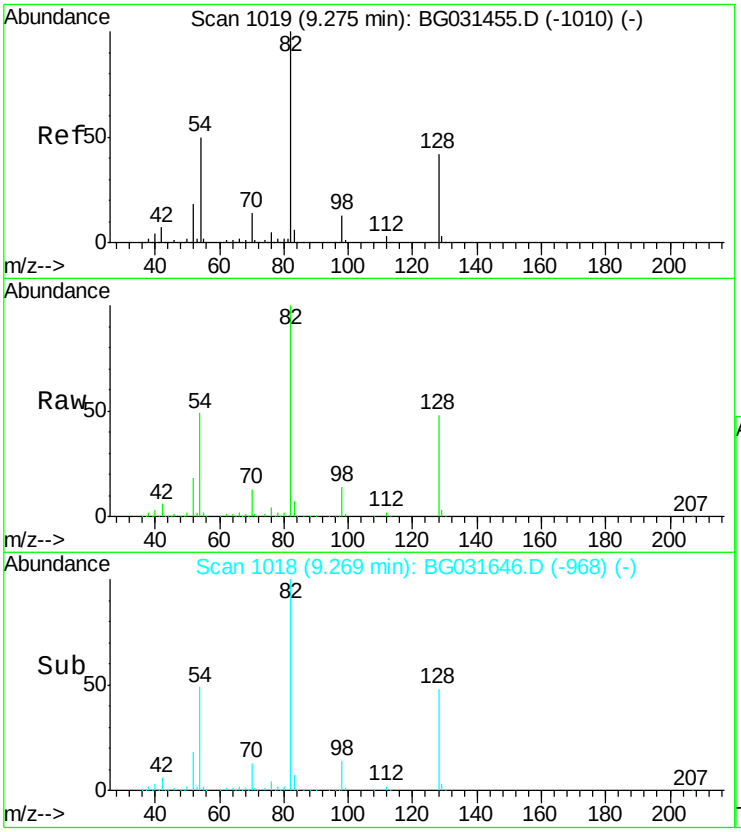


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Tgt Ion:136 Resp: 304126

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.0	10.3	15.5#
68	4.7	4.5	6.7



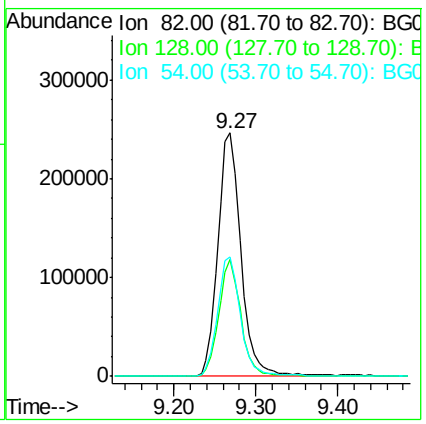


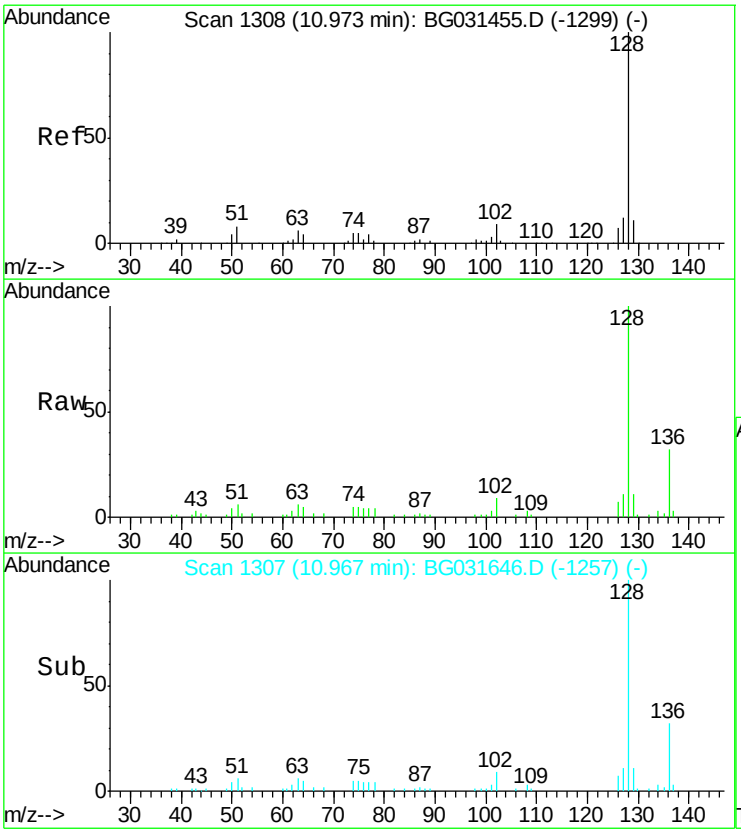
#23
Nitrobenzene-d5
Concen: 98.653 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-D

Tgt Ion: 82 Resp: 486772

Ion	Ratio	Lower	Upper
82	100		
128	48.1	29.7	44.5#
54	49.3	43.1	64.7

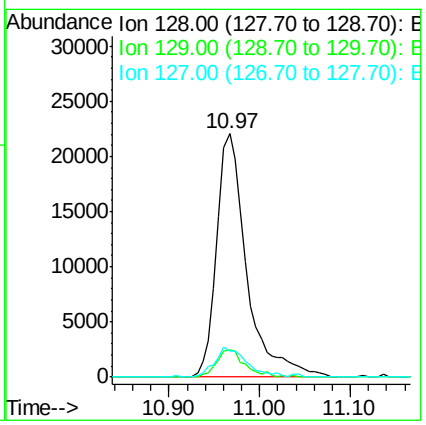


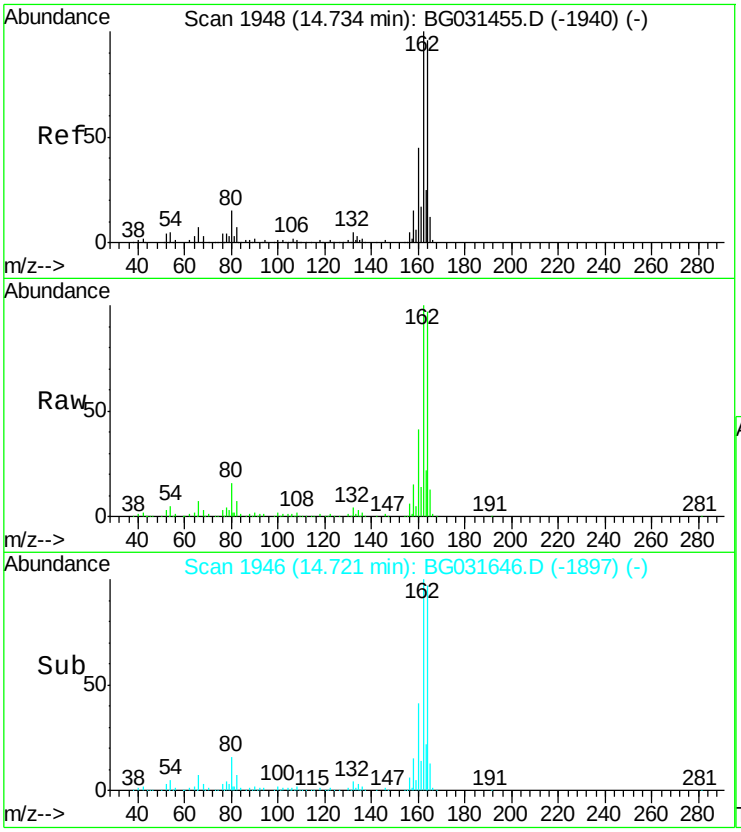


#31
Naphthalene
Concen: 3.396 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Tgt Ion:128 Resp: 50733

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	10.8	11.6	17.4#



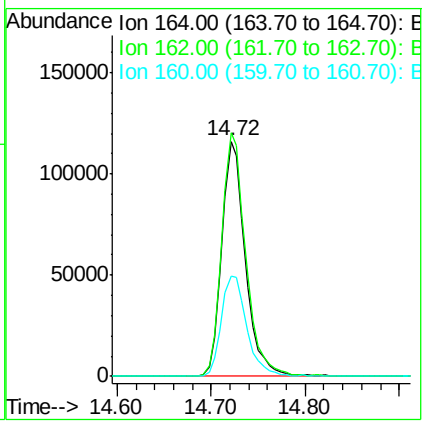


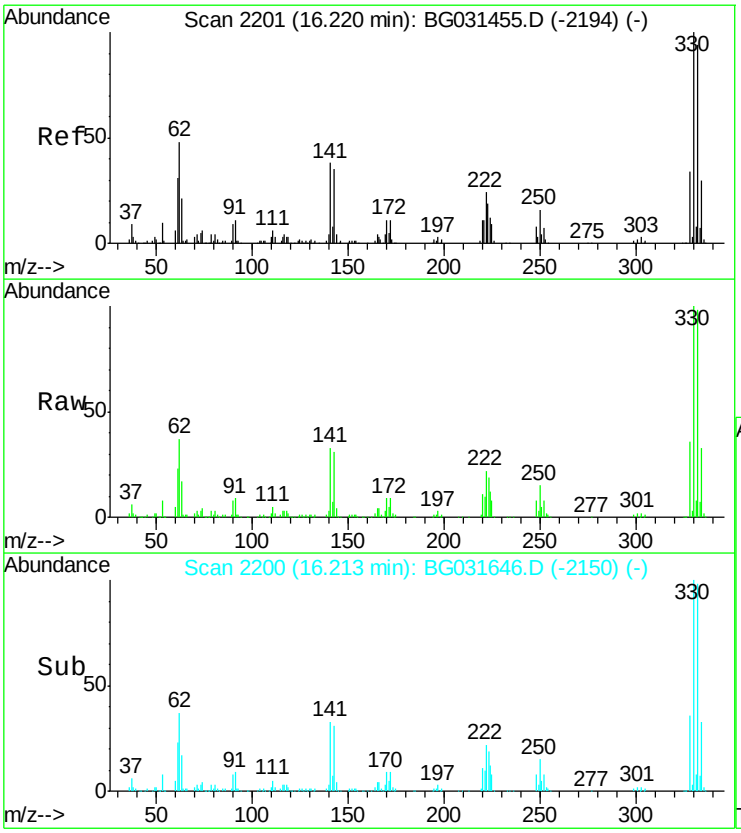
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-D

Tgt Ion:164 Resp: 202667

Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	42.7	35.4	53.0

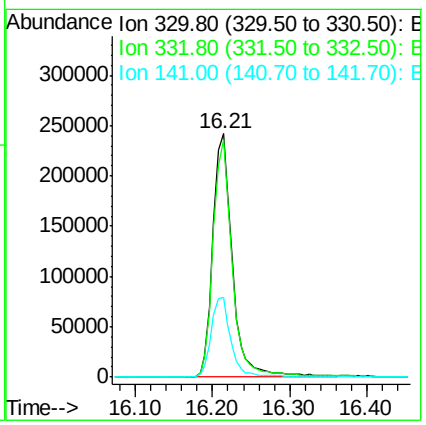


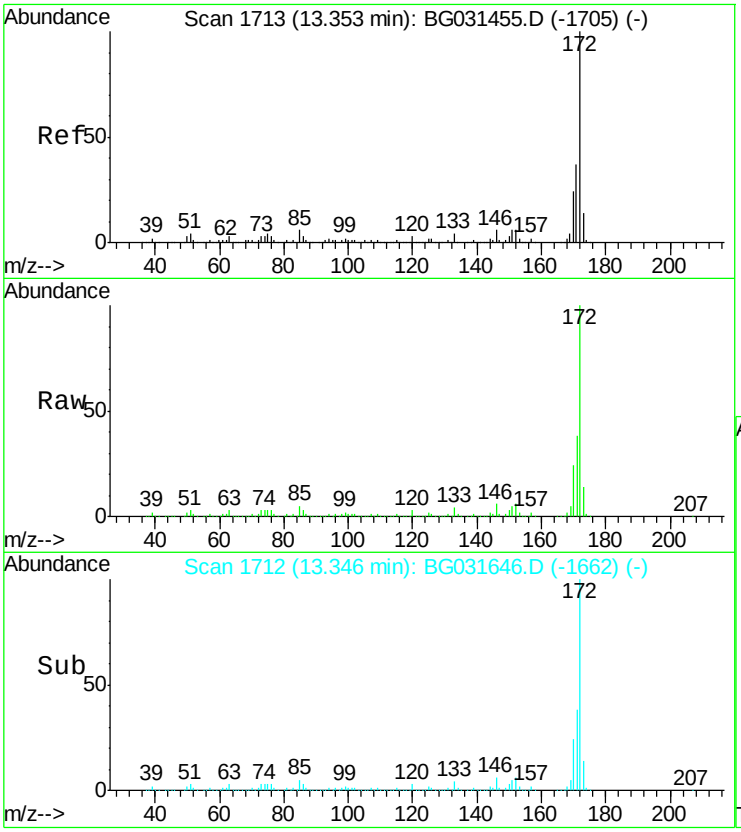


#41
2,4,6-Tribromophenol
Concen: 178.390 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Tgt Ion:330 Resp: 423557

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.3	25.2	37.8



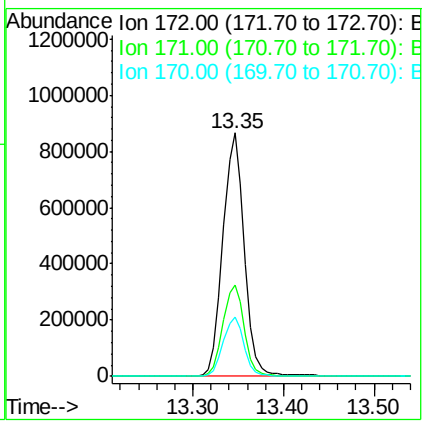


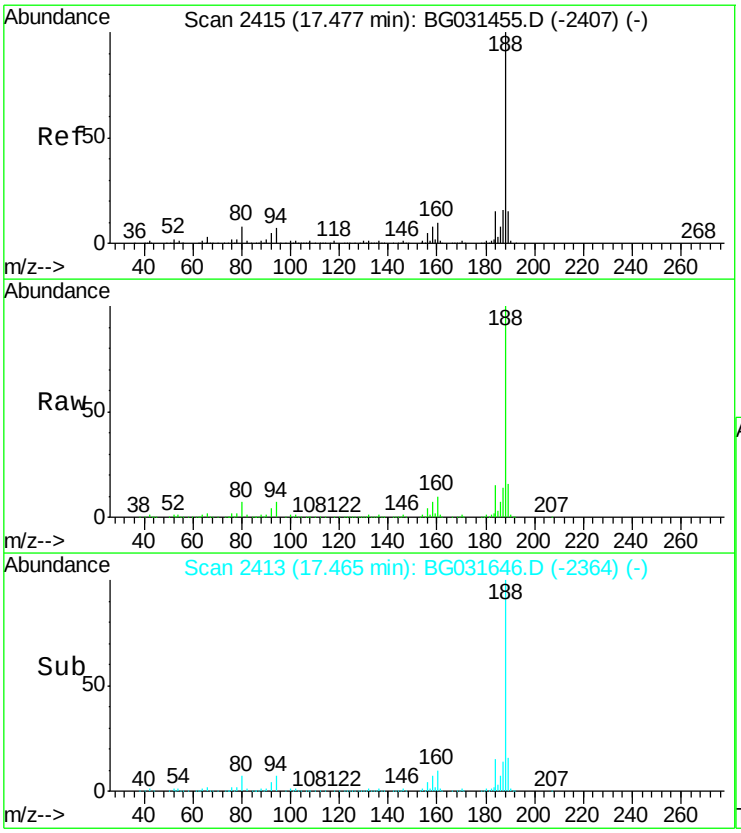
#44
2-Fluorobiphenyl
Concen: 102.793 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-D

Tgt Ion:172 Resp: 1419252

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.5	19.5	29.3

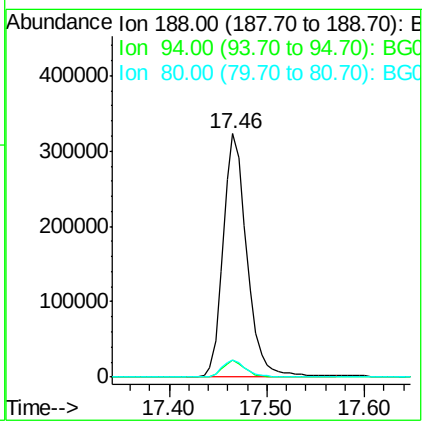


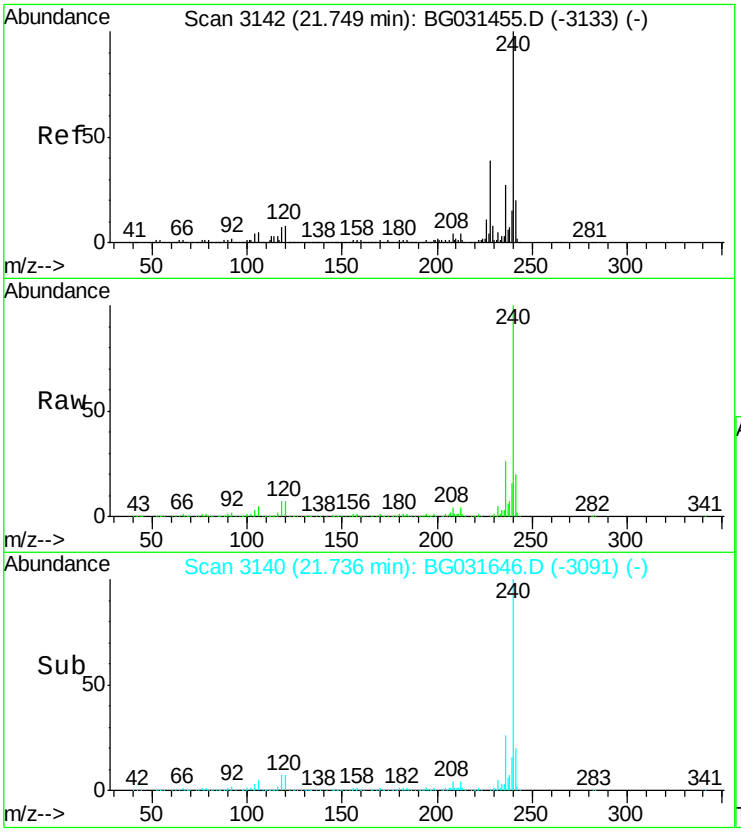


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Tgt Ion:188 Resp: 545459

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.0	7.7	11.5#



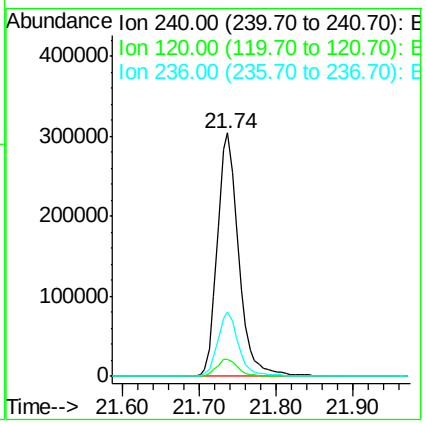


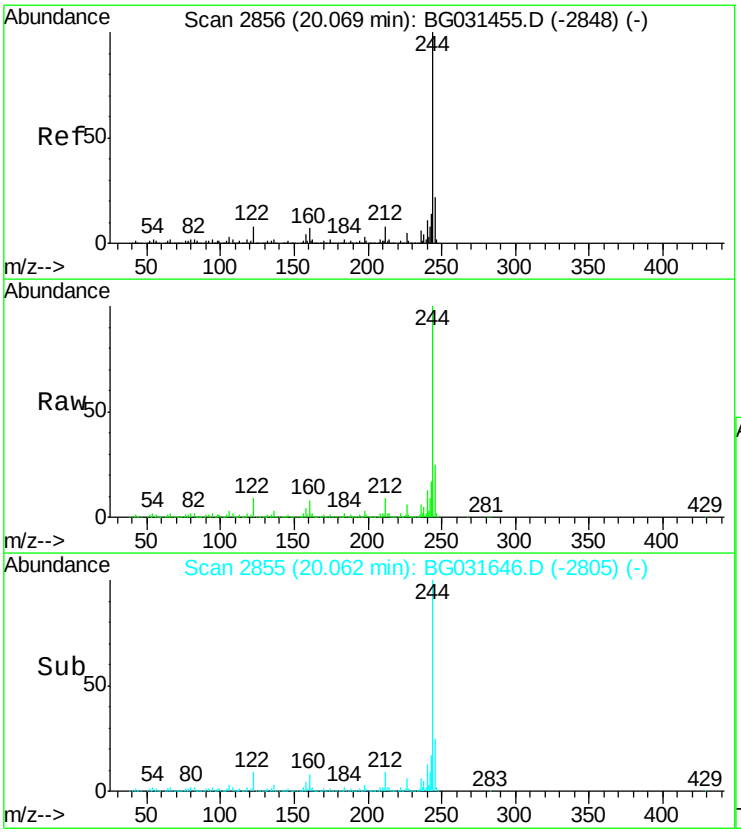
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-D

Tgt Ion:240 Resp: 583746

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	26.5	20.9	31.3

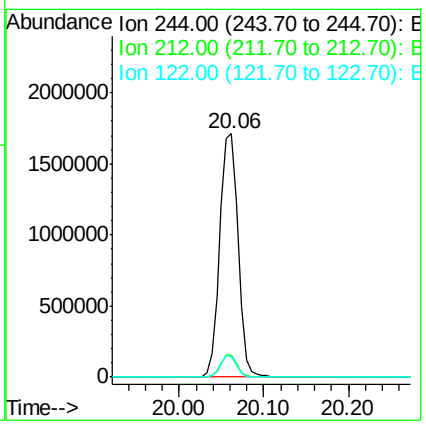


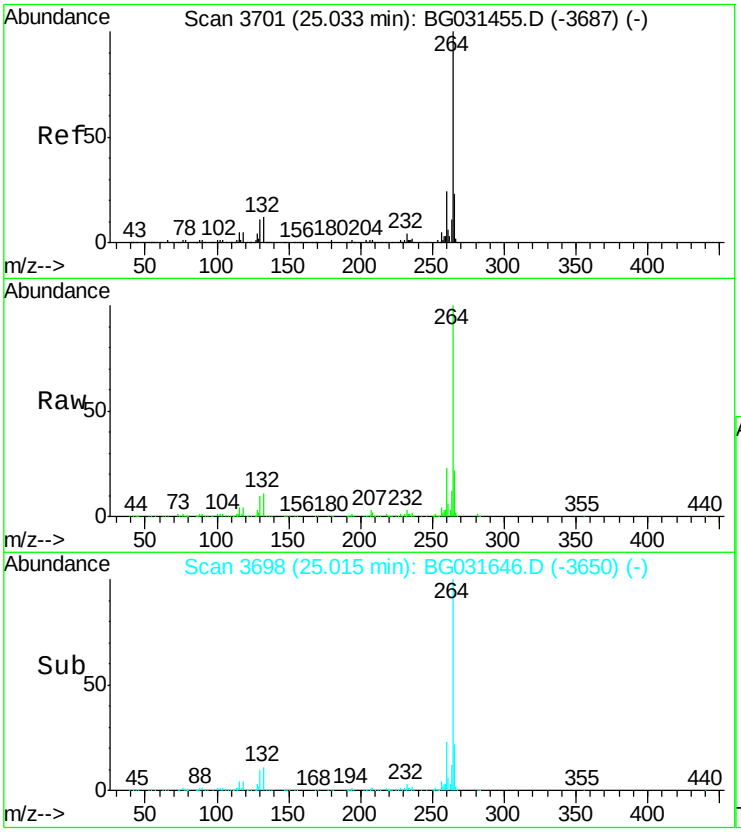


#78
Terphenyl-d14
Concen: 100.959 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Tgt Ion:244 Resp: 2590350

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	8.6	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-D

Tgt Ion:264 Resp: 508189

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.8	17.7	26.5