Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032086.D
Acq On : 17 Jan 2018 1:30
Operator : SJ/JU
Sample : J1122-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-11B

Quant Time: Jan 17 04:21:21 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	50153	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	191450	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	127338	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	329019	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	398842	20.00	ng	-0.02
86) Perylene-d12	26.18	264	413969	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	222211	81.03	ng	0.00
7) Phenol-d6	7.87	99	353279	102.29	ng	0.00
23) Nitrobenzene-d5	9.96	82	241256	85.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	155807	73.94	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	857925	83.54	ng	0.00
78) Terphenyl-d14	20.66	244	1570077	86.92	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.82	163	61230	5.495	ng	100

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

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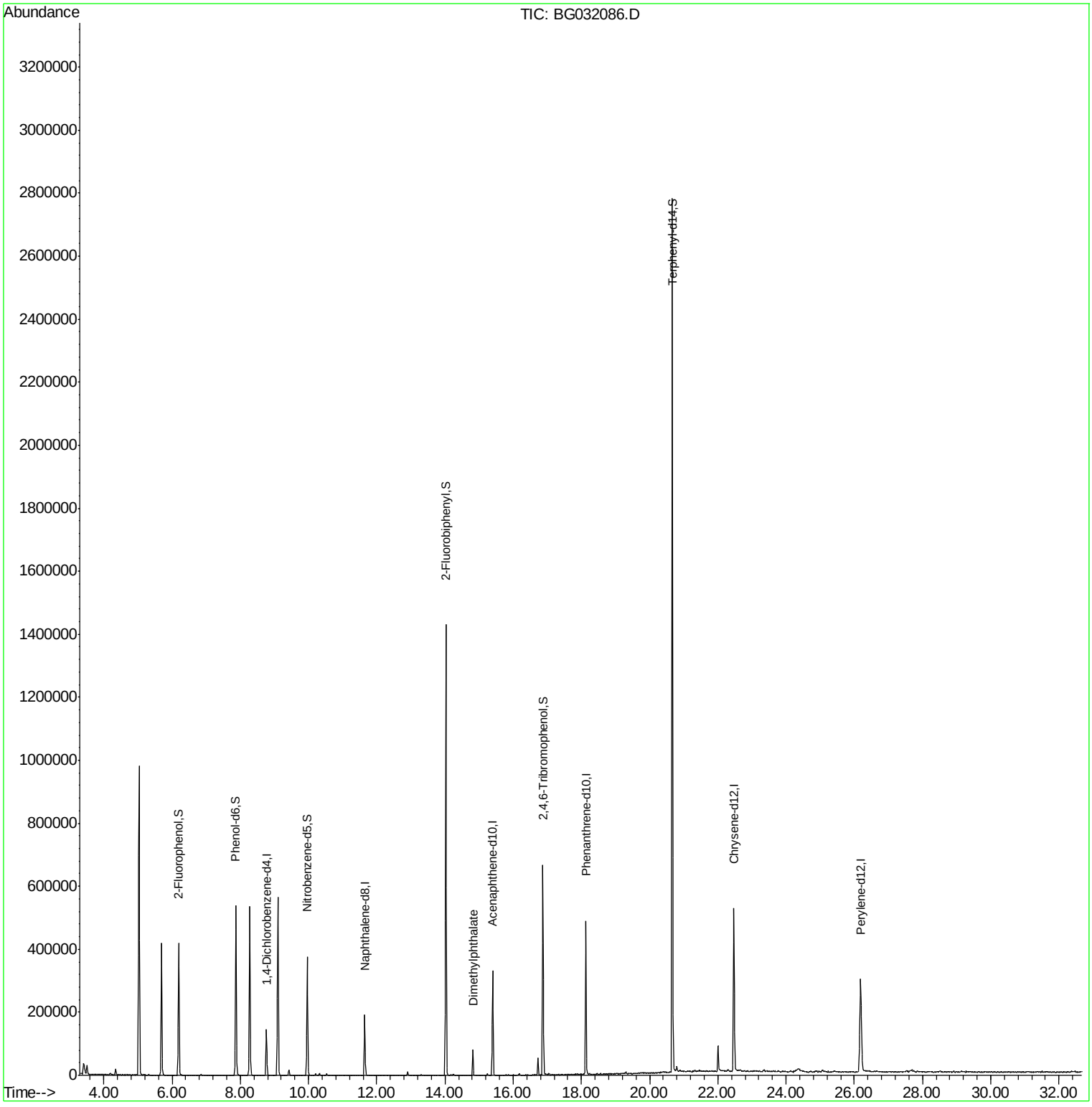
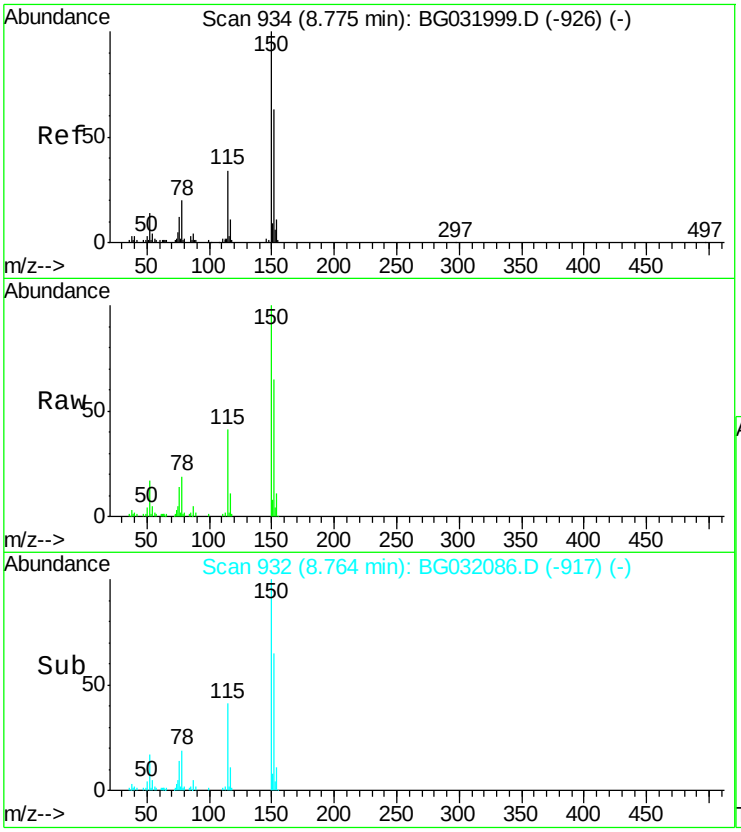


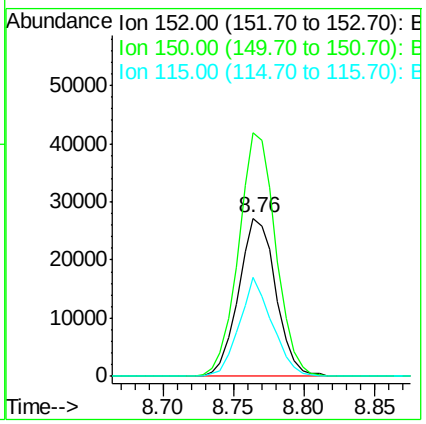


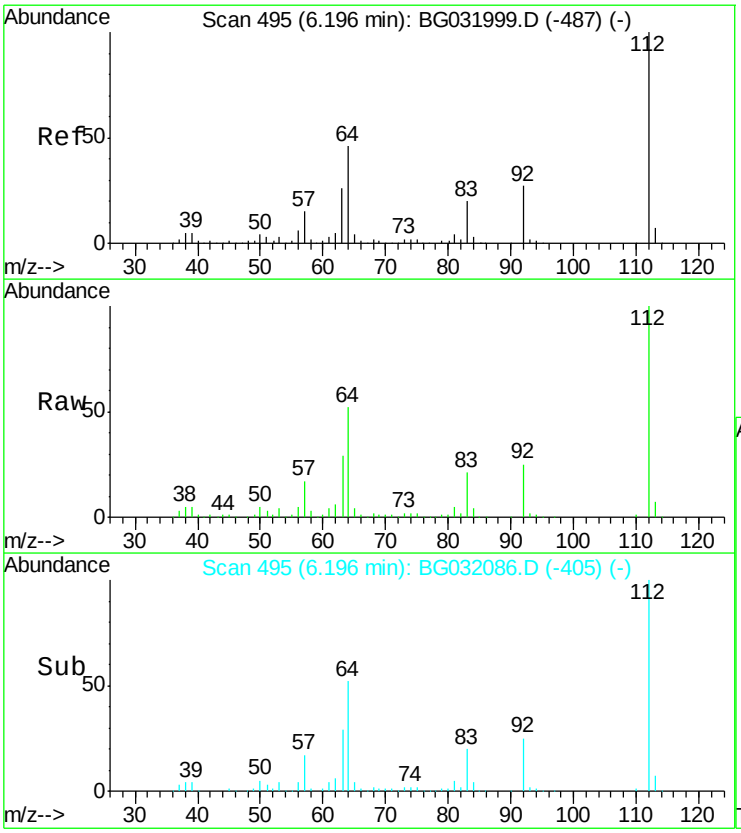
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_G
ClientSampleId :
C-11B

Tgt Ion:152 Resp: 50153

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	62.4	53.0	79.4

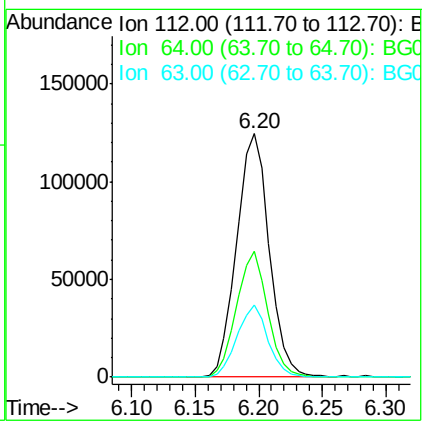


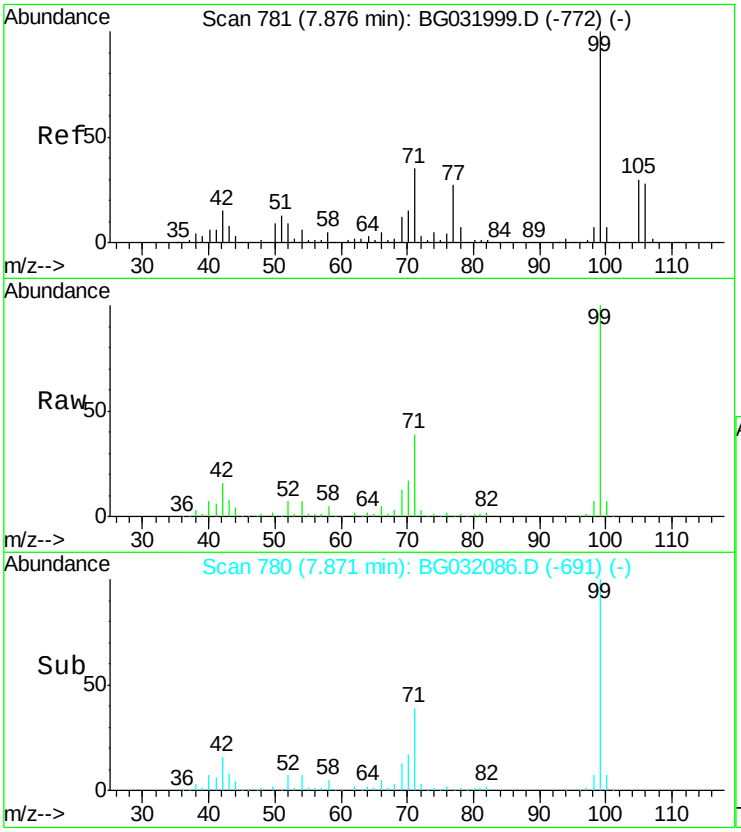


#5
2-Fluorophenol
Concen: 81.034 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Tgt Ion:112 Resp: 222211

Ion	Ratio	Lower	Upper
112	100		
64	51.7	56.3	84.5#
63	29.5	30.1	45.1#



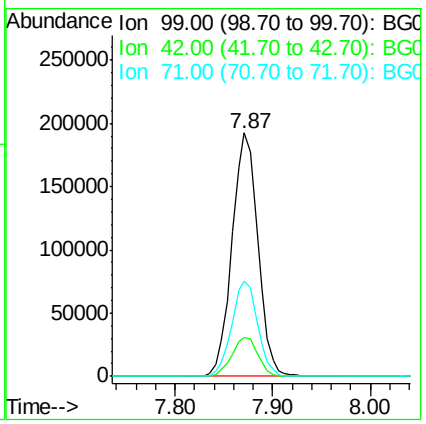


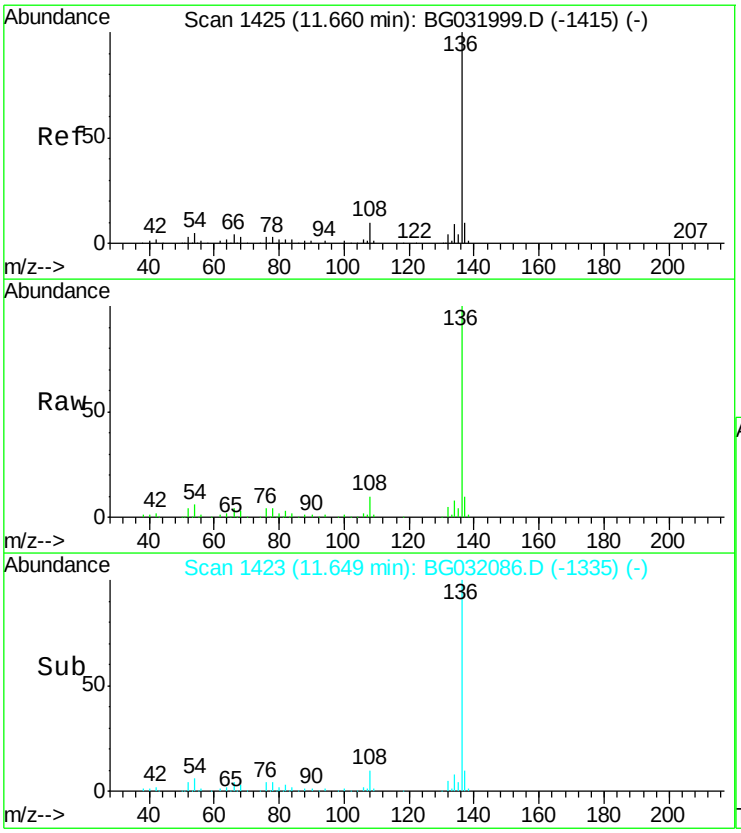
#7
Phenol-d6
Concen: 102.292 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.01 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_G
ClientSampleId :
C-11B

Tgt Ion: 99 Resp: 353279

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.1	21.1
71	39.0	26.1	39.1

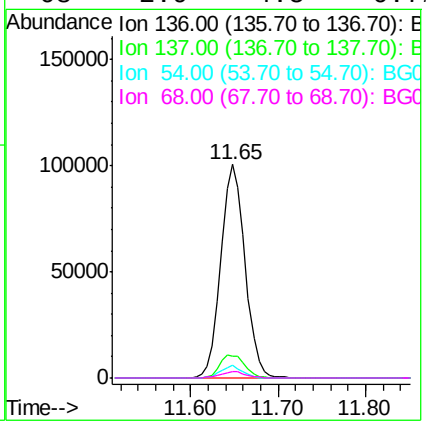


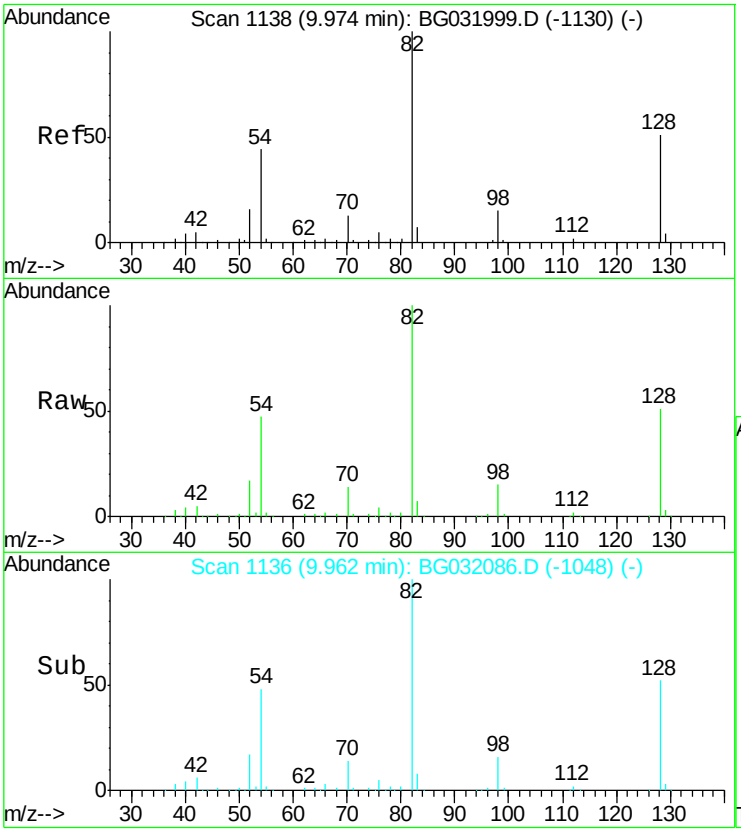


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Tgt Ion:136 Resp: 191450

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.0	10.3	15.5#
68	2.9	4.5	6.7#



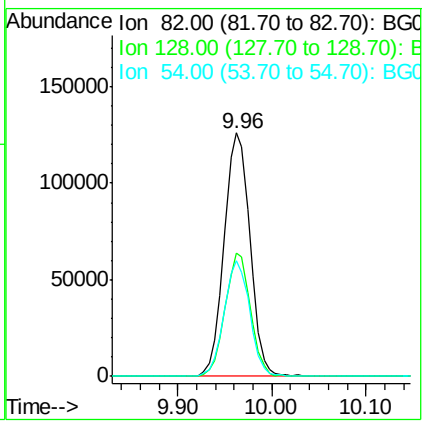


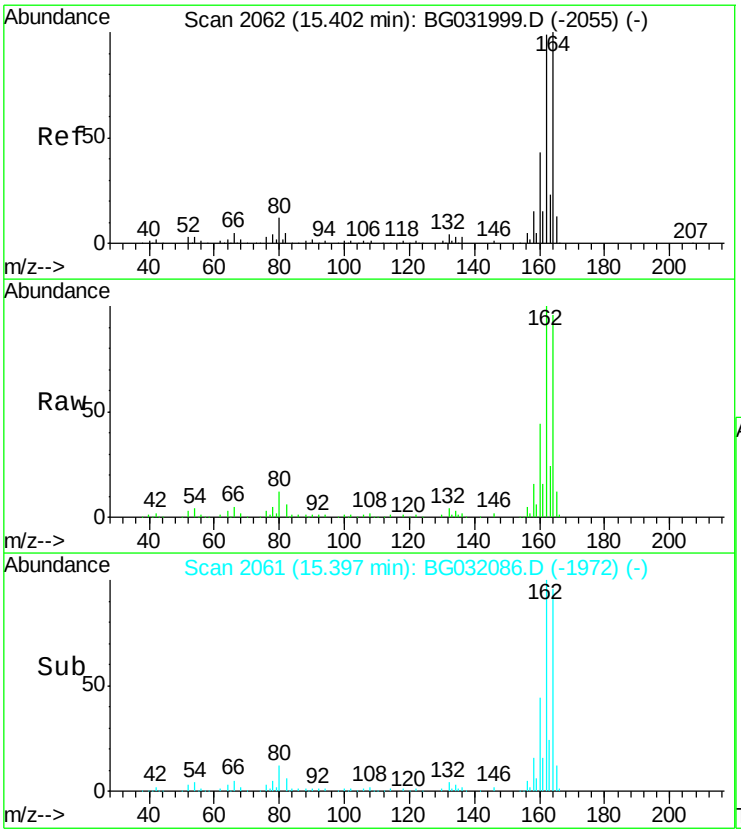
#23
Nitrobenzene-d5
Concen: 85.255 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_G
ClientSampleId :
C-11B

Tgt Ion: 82 Resp: 241256

Ion	Ratio	Lower	Upper
82	100		
128	50.8	29.7	44.5#
54	47.4	43.1	64.7

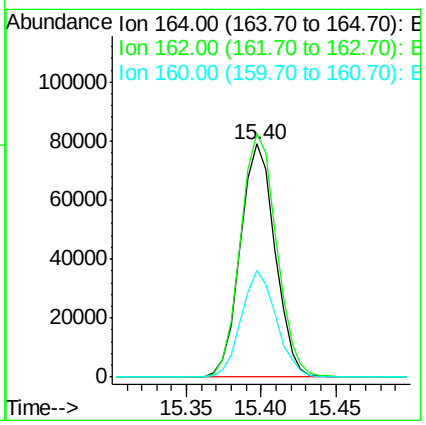


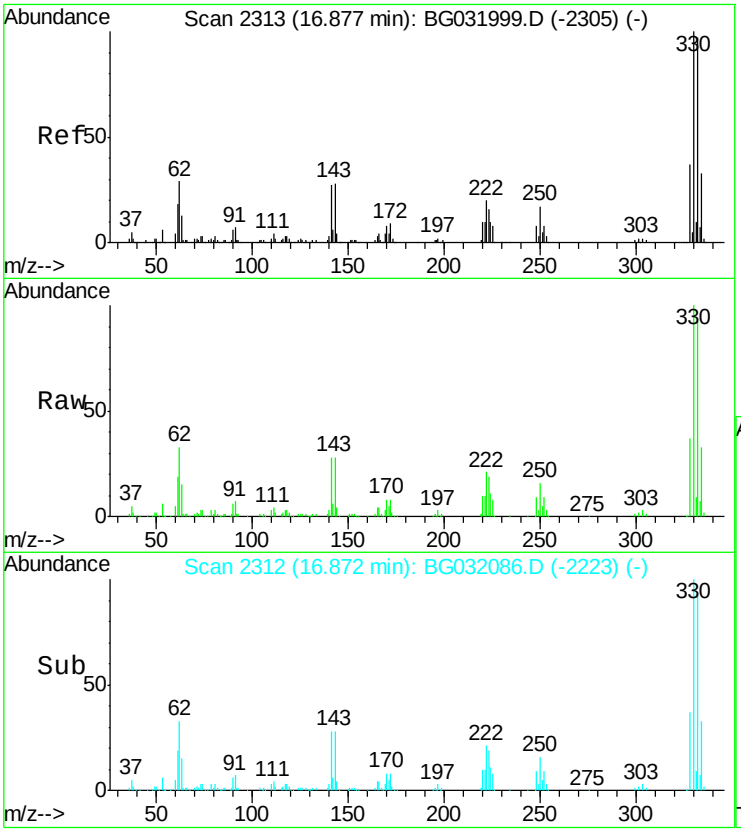


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Tgt Ion:164 Resp: 127338

Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.8	118.2
160	45.6	35.4	53.0



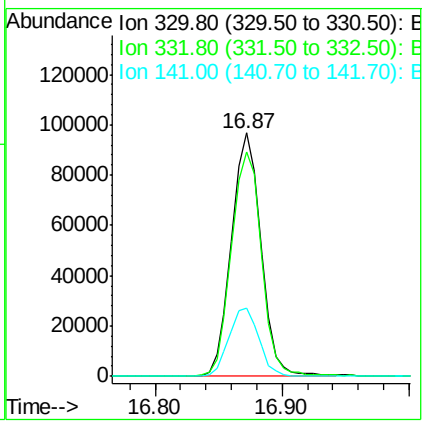


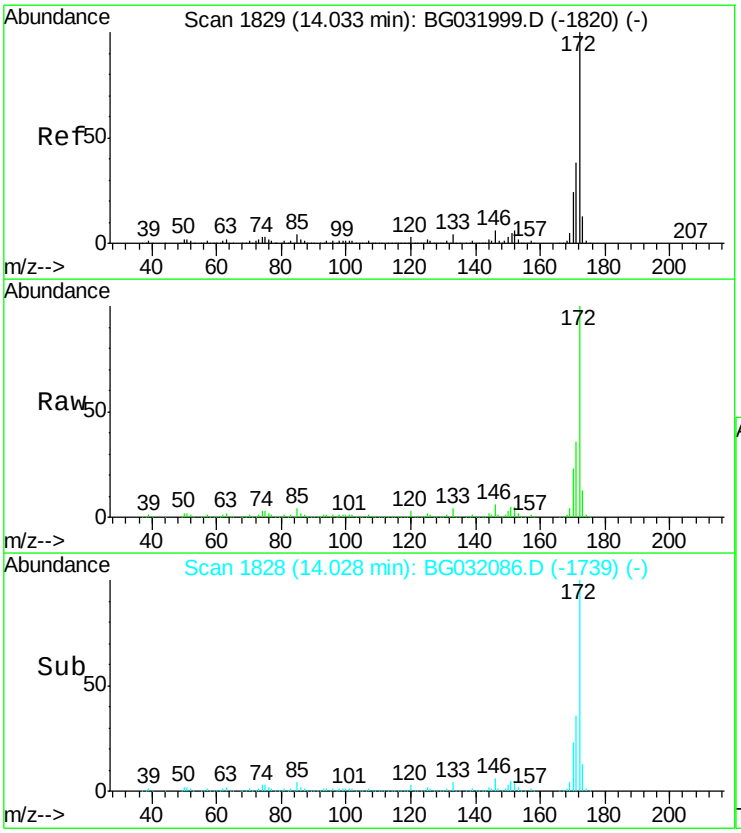
#41
2,4,6-Tribromophenol
Concen: 73.942 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_G
ClientSampleId :
C-11B

Tgt Ion:330 Resp: 155807

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	28.5	25.2	37.8

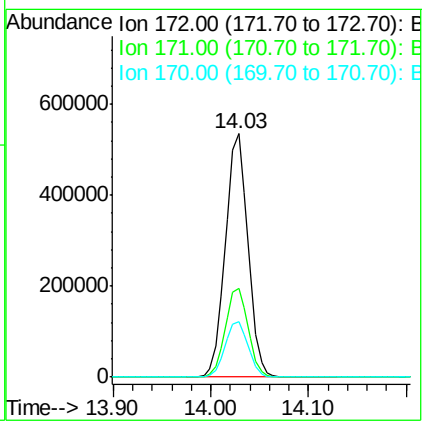


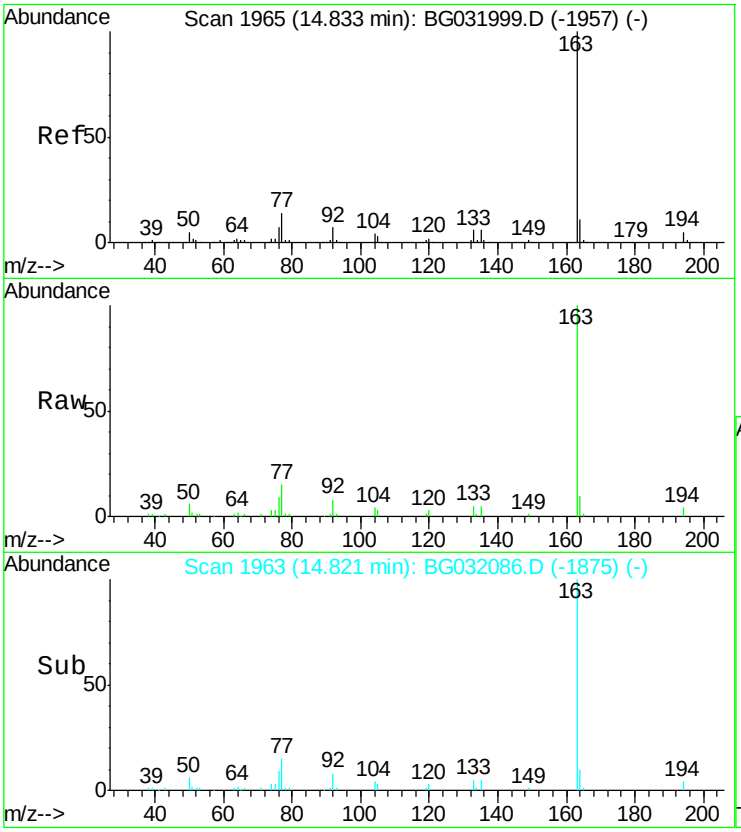


#44
2-Fluorobiphenyl
Concen: 83.540 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Tgt Ion:172 Resp: 857925

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	22.9	19.5	29.3



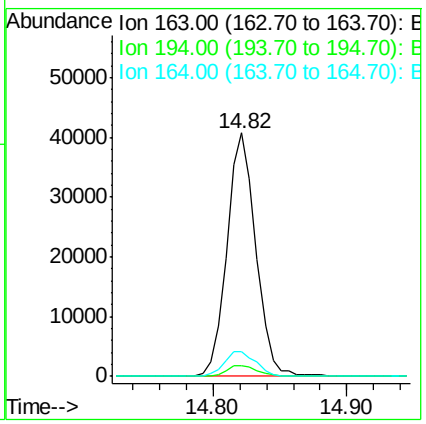


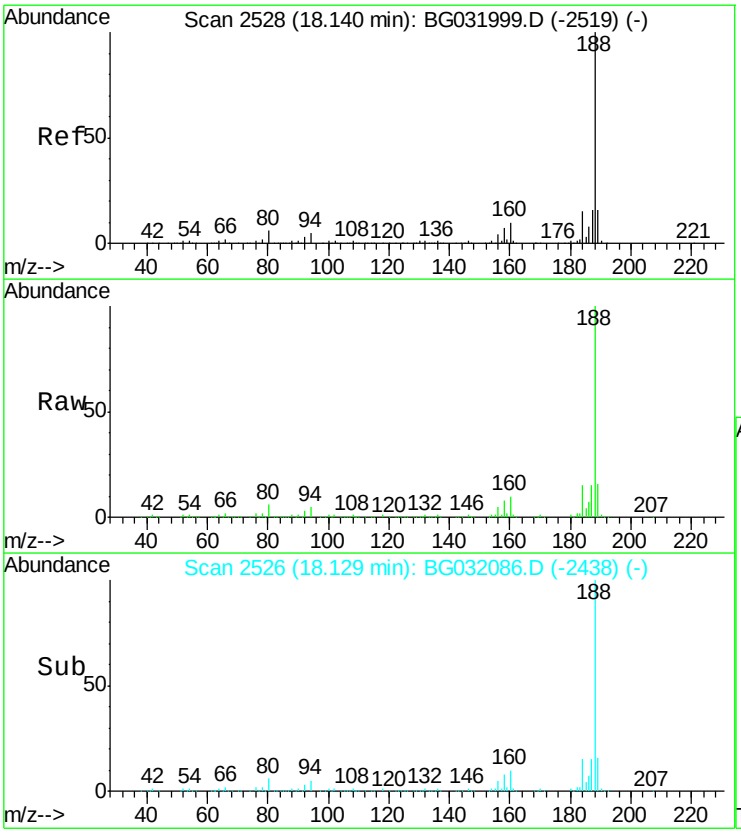
#49
Dimethylphthalate
Concen: 5.495 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_G
ClientSampleId :
C-11B

Tgt Ion:163 Resp: 61230

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.4	8.2	12.4

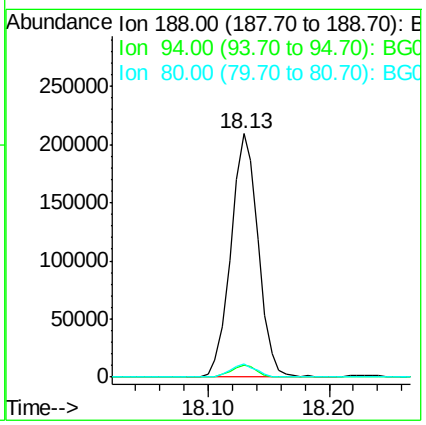


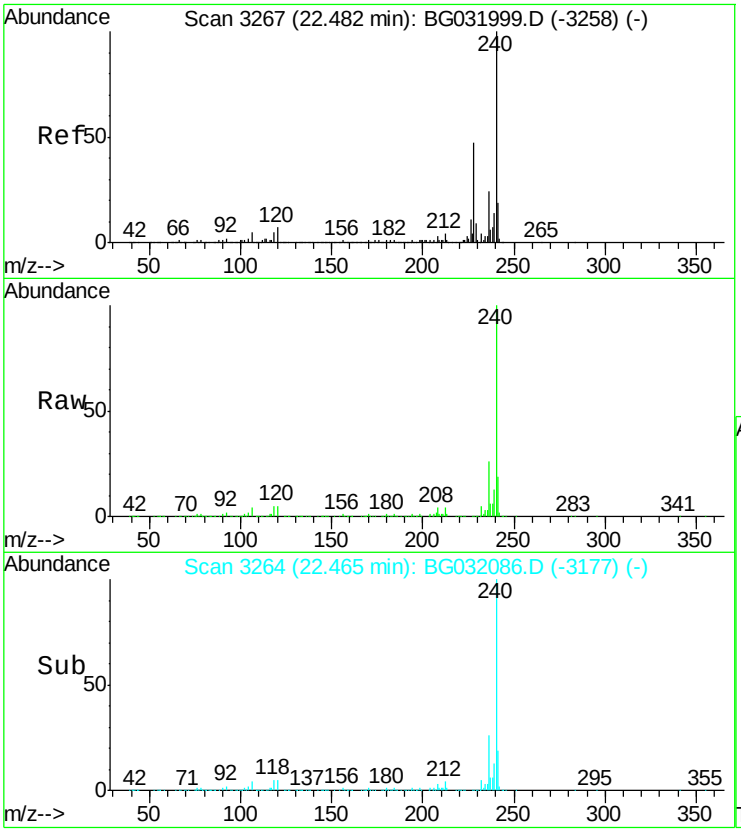


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Tgt Ion:188 Resp: 329019

Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	5.5	7.7	11.5#



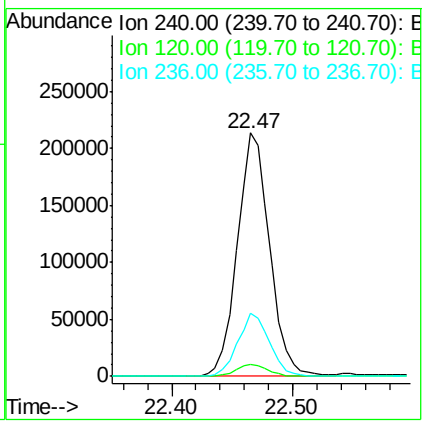


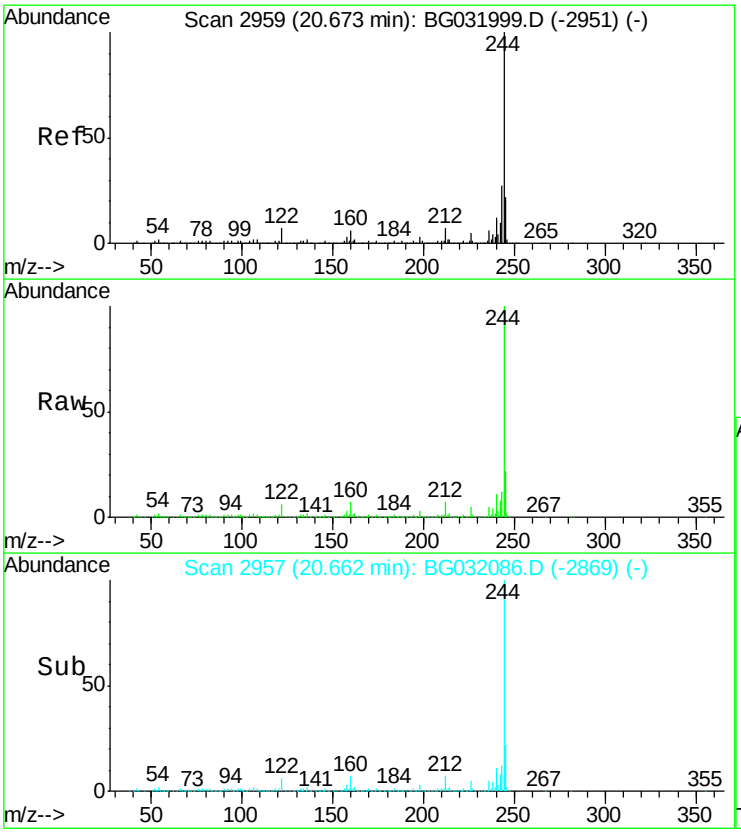
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_G
ClientSampleId :
C-11B

Tgt Ion:240 Resp: 398842

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	25.9	20.9	31.3

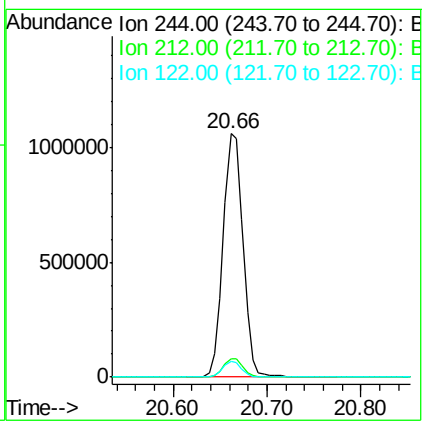


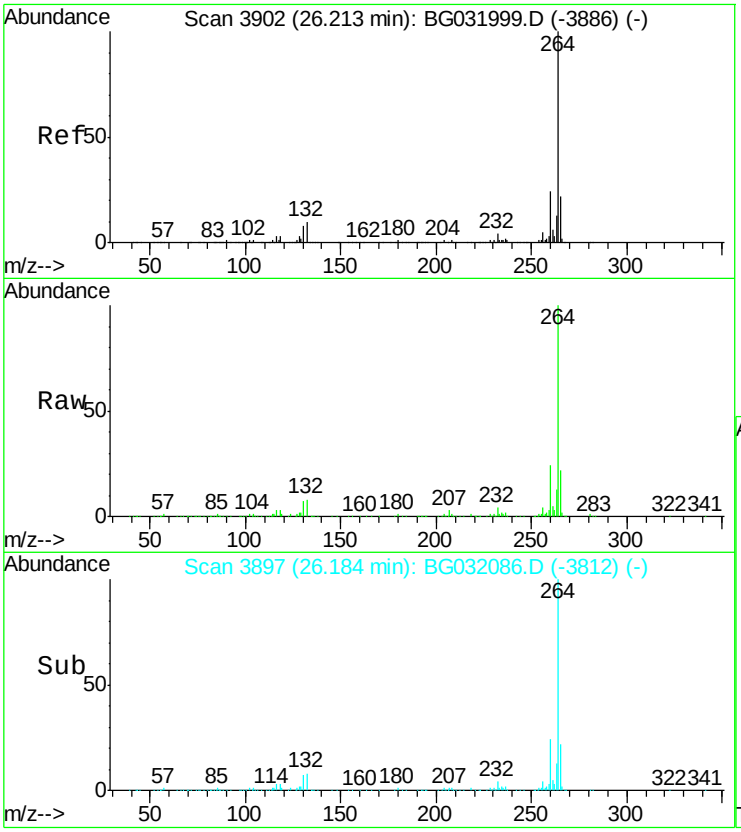


#78
Terphenyl-d14
Concen: 86.922 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Tgt Ion:244 Resp: 1570077

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.18 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032086.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_G
ClientSampleId :
C-11B

Tgt Ion:264 Resp: 413969

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.4	17.7	26.5