

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
 Data File : BG045146.D
 Acq On : 23 Apr 2020 17:50
 Operator : CG/JU
 Sample : L2326-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Apr 24 03:05:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

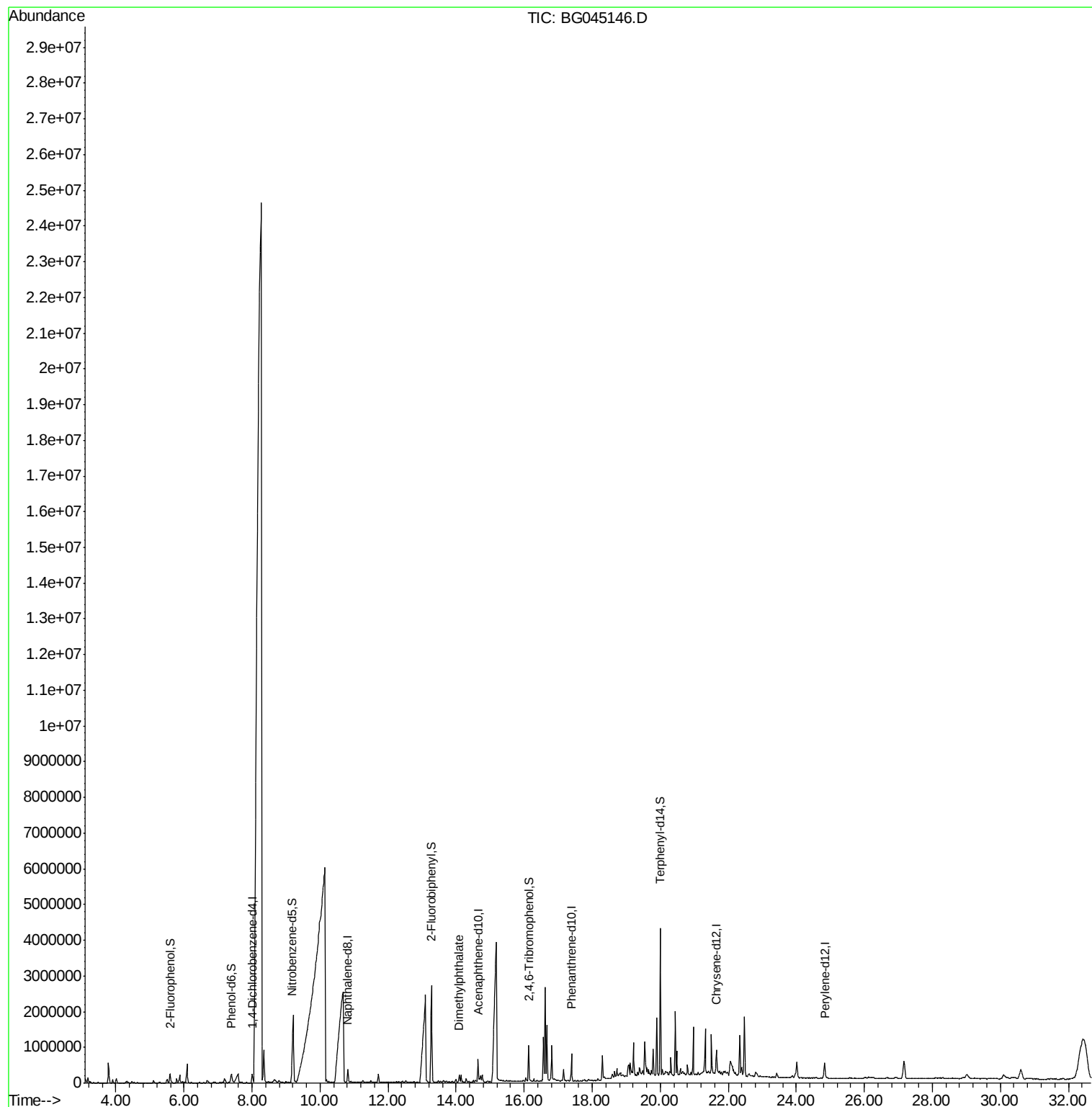
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	80932	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	311298	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	227476	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	481823	20.00	ng	0.00
76) Chrysene-d12	21.65	240	422664	20.00	ng	0.00
87) Perylene-d12	24.83	264	480492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	156627	31.95	ng	0.01
7) Phenol-d6	7.39	99	126651	17.39	ng	0.22
23) Nitrobenzene-d5	9.18	82	646829	94.81	ng	0.02
42) 2,4,6-Tribromophenol	16.13	330	206194	58.67	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1365640	88.03	ng	0.00
79) Terphenyl-d14	20.01	244	1890659	97.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	121991	6.59	ng	Qvalue 97

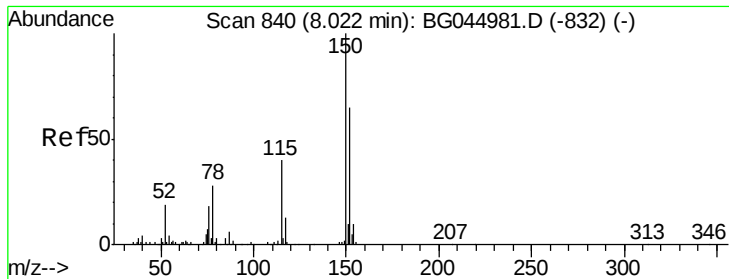
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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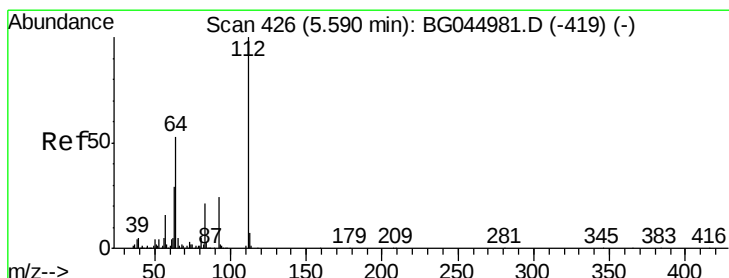
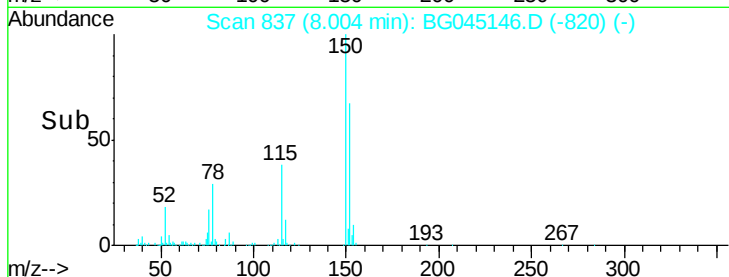
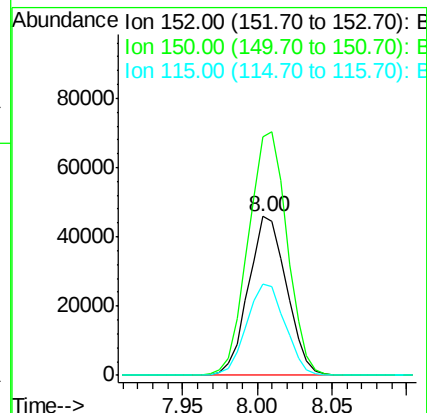
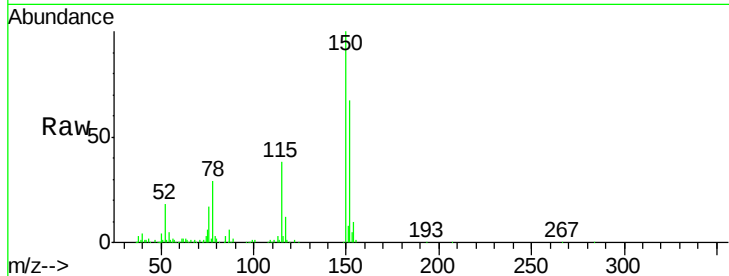


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG045146.D
Acq: 23 Apr 2020 17:50

Instrument :
BNA_G
ClientSampleId :
EFF-WW

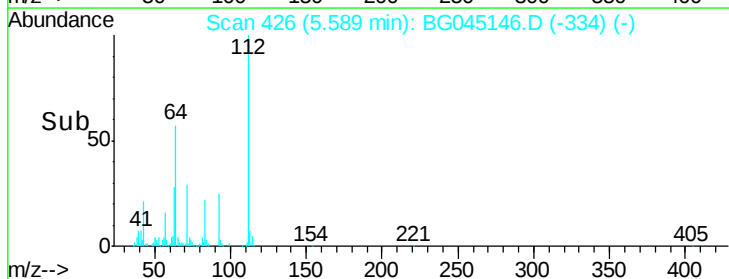
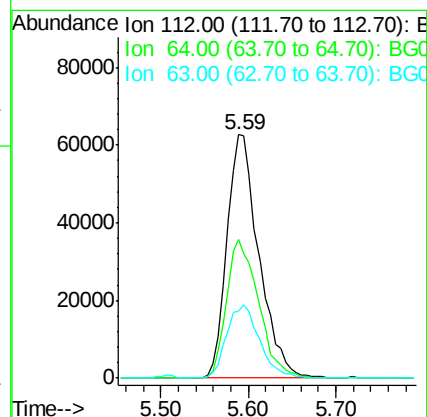
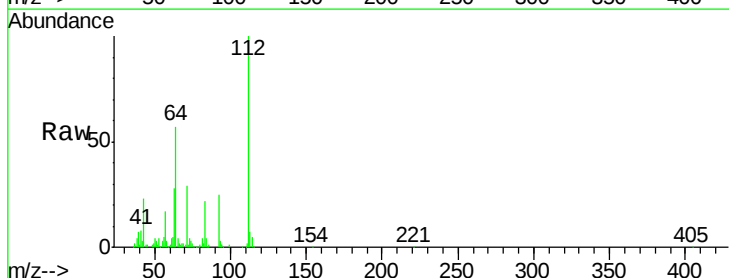
Tgt Ion:152 Resp: 80932
Ion Ratio Lower Upper
152 100
150 150.3 123.6 185.4
115 57.8 49.1 73.7



#5

2-Fluorophenol
Concen: 31.95 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG045146.D
Acq: 23 Apr 2020 17:50

Tgt Ion:112 Resp: 156627
Ion Ratio Lower Upper
112 100
64 56.9 42.4 63.6
63 27.7 23.1 34.7





#7

Phenol-d6

Concen: 17.39 ng

RT: 7.39 min Scan# 733

Delta R.T. 0.22 min

Lab File: BG045146.D

Acq: 23 Apr 2020 17:50

Instrument :

BNA_G

ClientSampleId :

EFF-WW

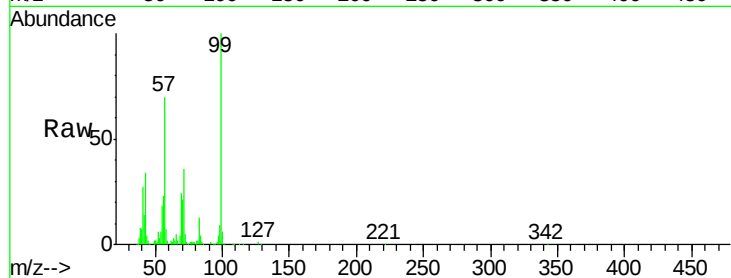
Tgt Ion: 99 Resp: 126651

Ion Ratio Lower Upper

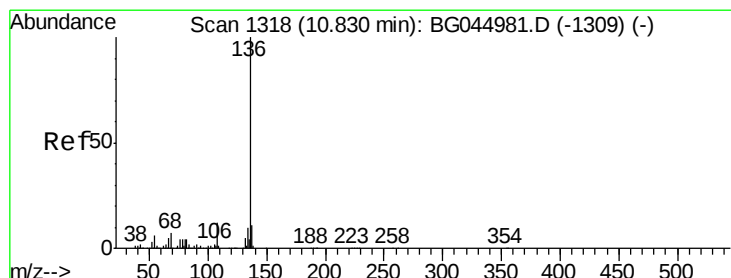
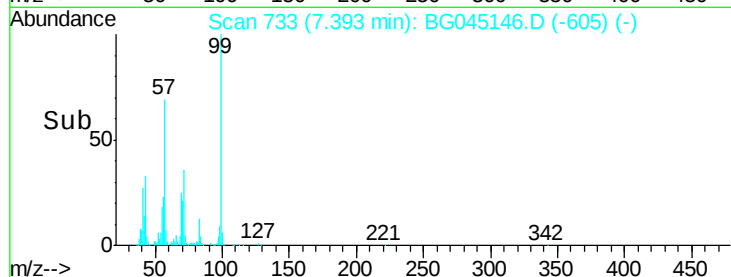
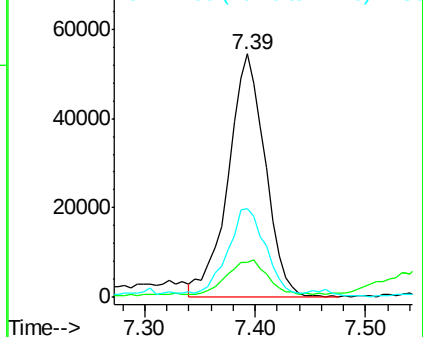
99 100

42 14.5 11.3 16.9

71 36.2 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.82 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG045146.D

Acq: 23 Apr 2020 17:50

Tgt Ion: 136 Resp: 311298

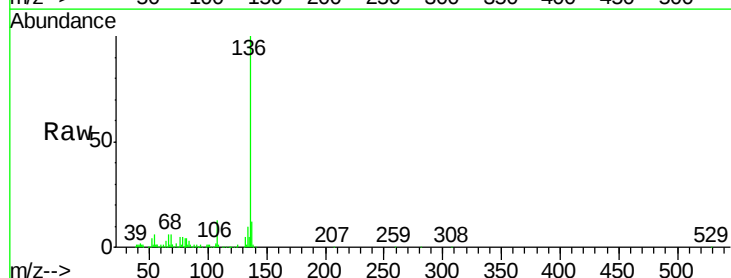
Ion Ratio Lower Upper

136 100

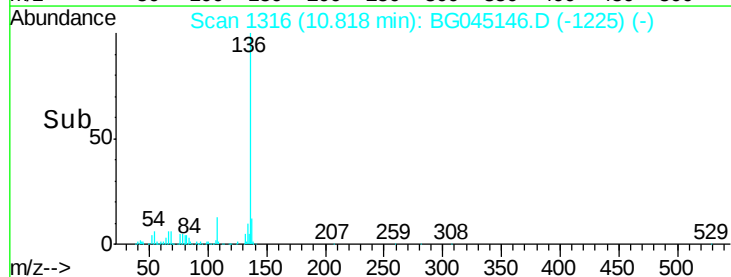
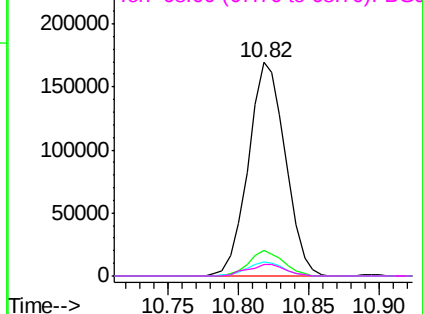
137 11.8 8.6 13.0

54 6.4 4.8 7.2

68 5.6 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

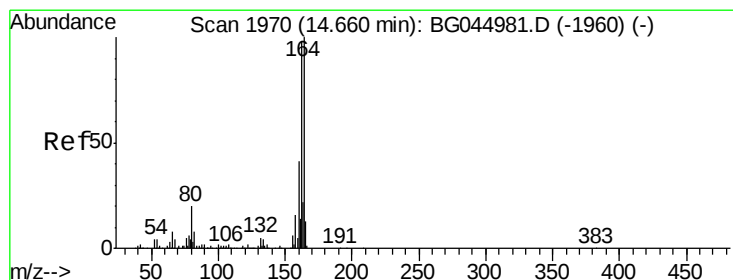
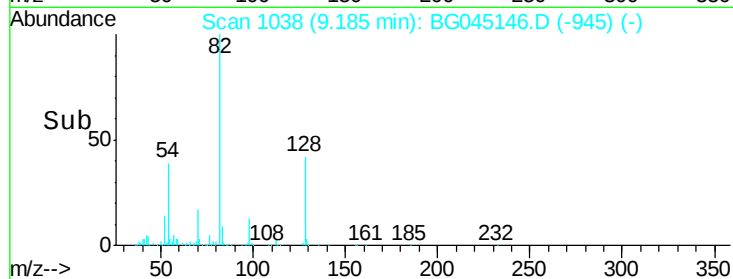
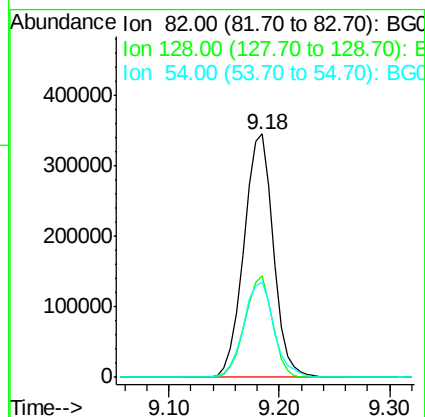
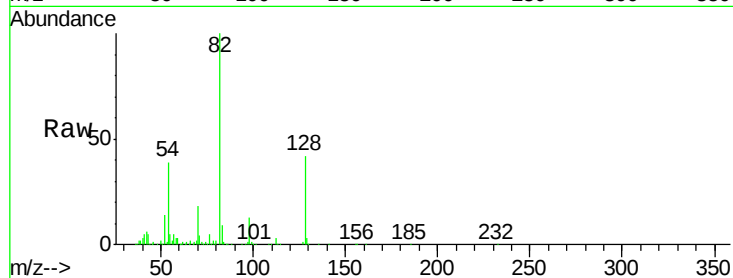




#23
Nitrobenzene-d5
Concen: 94.81 ng
RT: 9.18 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BG045146.D
Acq: 23 Apr 2020 17:50

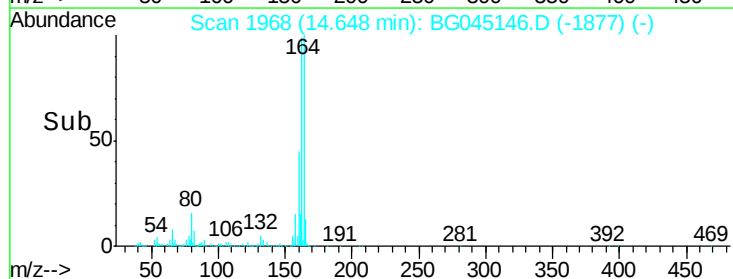
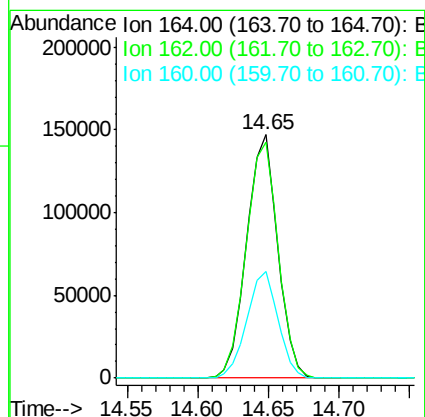
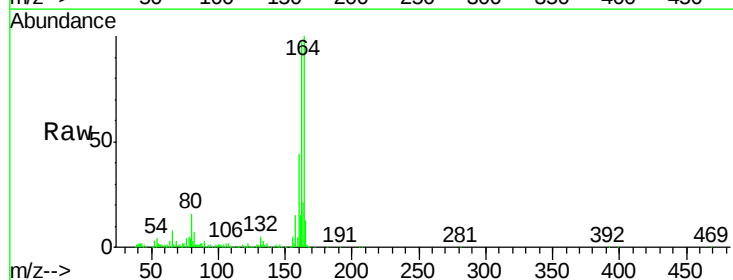
Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.0	49.4
54	38.9	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG045146.D
Acq: 23 Apr 2020 17:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.7	118.1
160	43.8	32.8	49.2

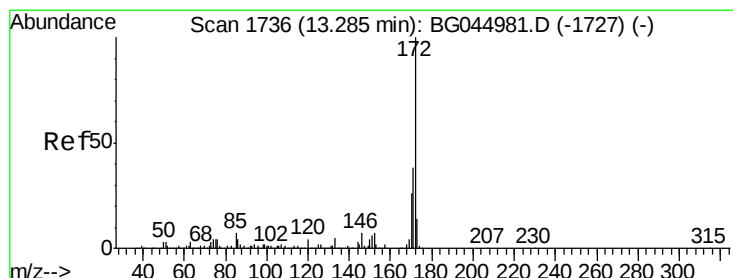
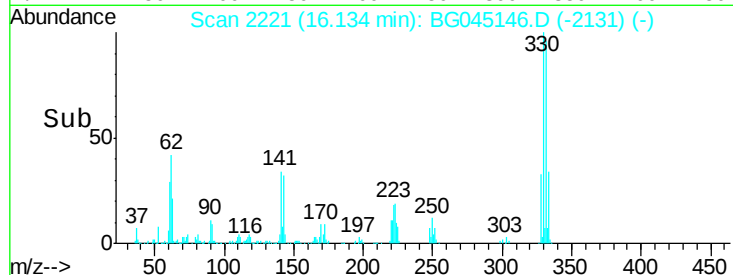
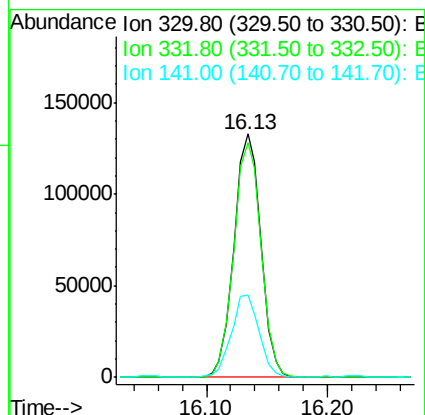
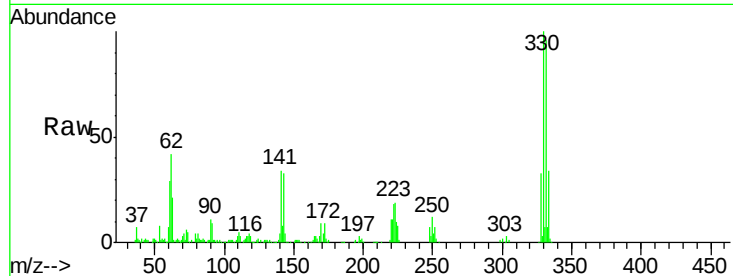




#42
 2,4,6-Tribromophenol
 Concen: 58.67 ng
 RT: 16.13 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG045146.D
 Acq: 23 Apr 2020 17:50

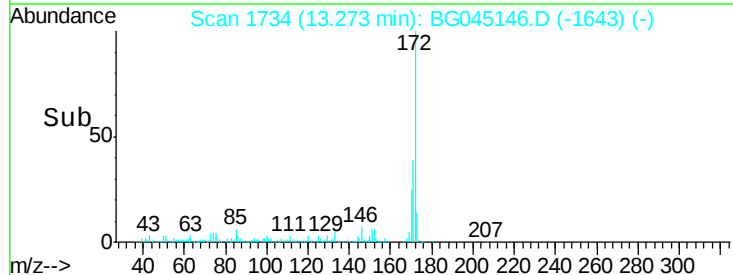
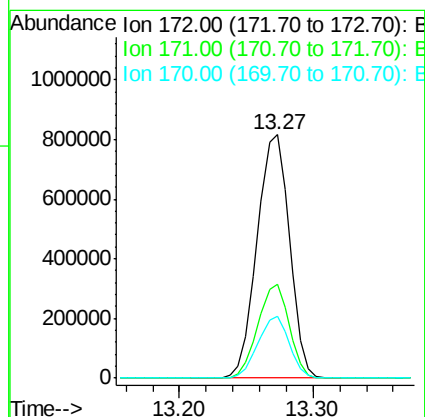
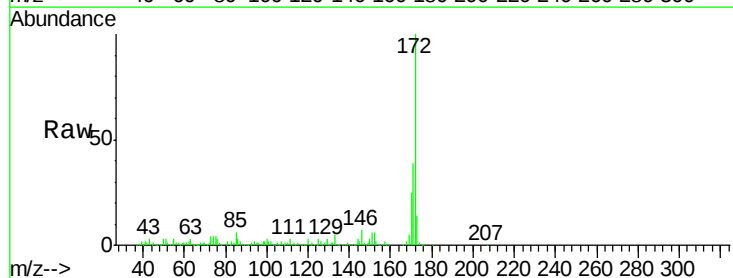
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

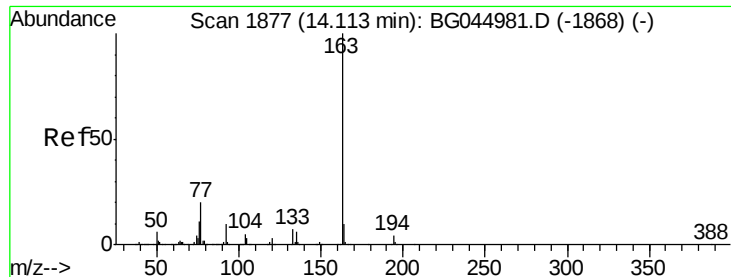
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.1	118.7
141	34.9	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 88.03 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG045146.D
 Acq: 23 Apr 2020 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.6	46.0
170	25.2	20.5	30.7





#50

Dimethylphthalate

Concen: 6.59 ng

RT: 14.10 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG045146.D

Acq: 23 Apr 2020 17:50

Instrument :

BNA_G

ClientSampled :

EFF-WW

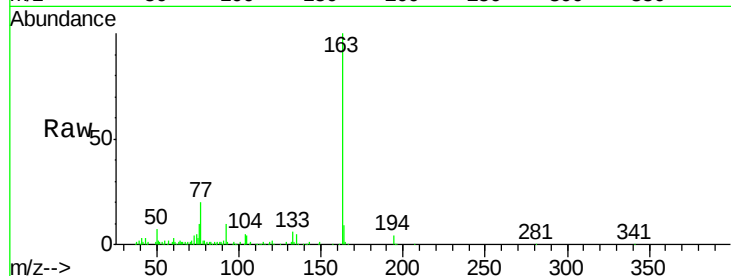
Tgt Ion:163 Resp: 121991

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

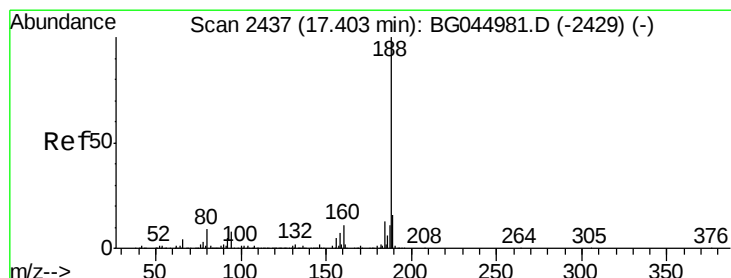
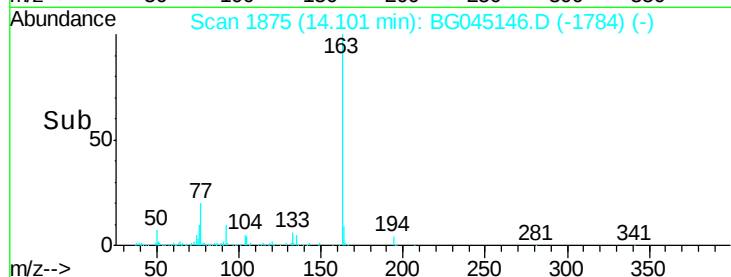
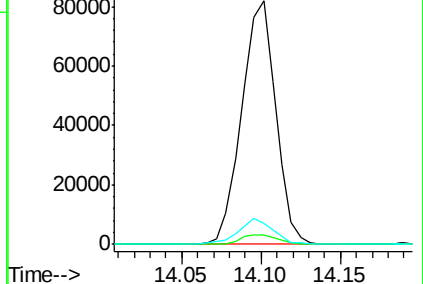
164 8.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG045146.D

Acq: 23 Apr 2020 17:50

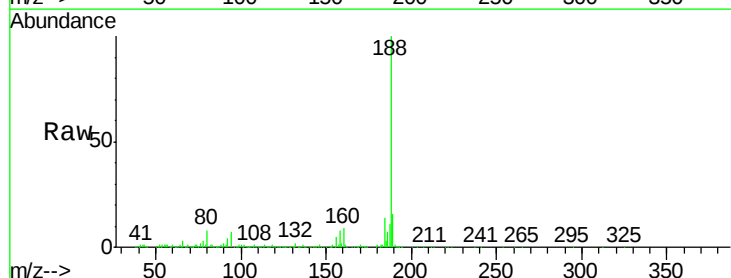
Tgt Ion:188 Resp: 481823

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

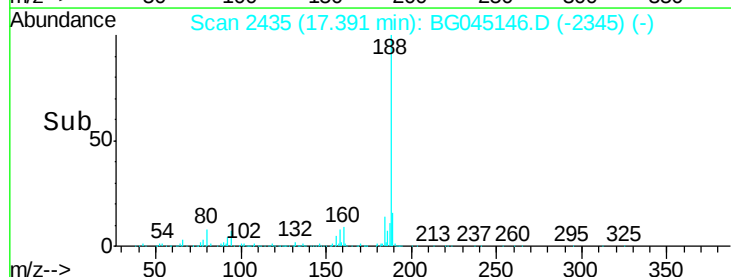
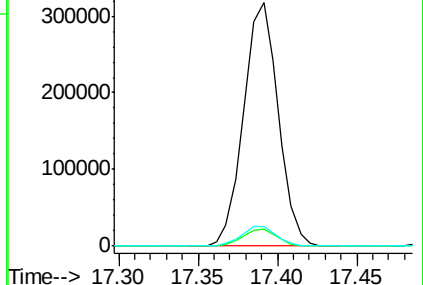
80 7.9 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

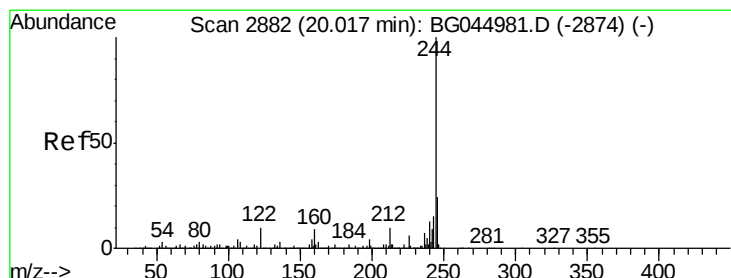
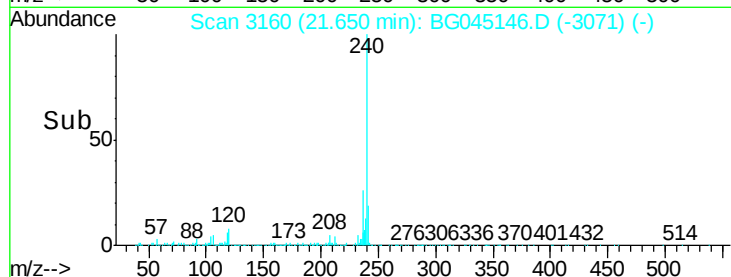
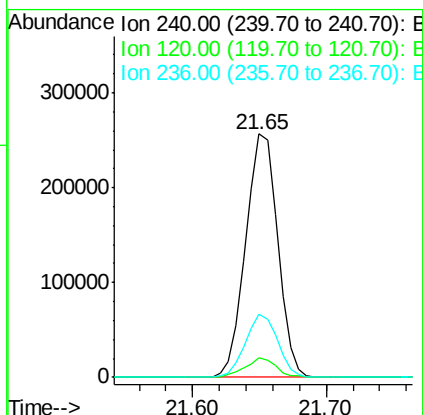
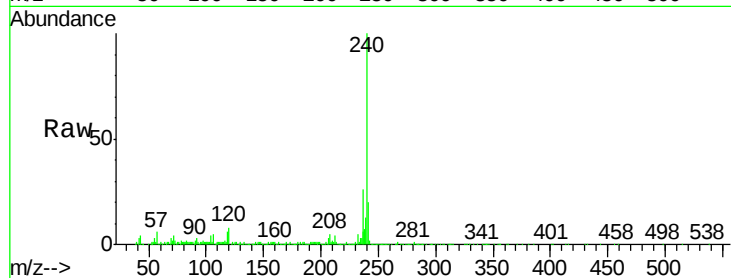




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG045146.D
Acq: 23 Apr 2020 17:50

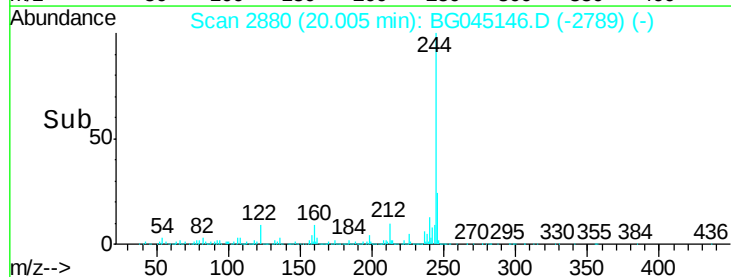
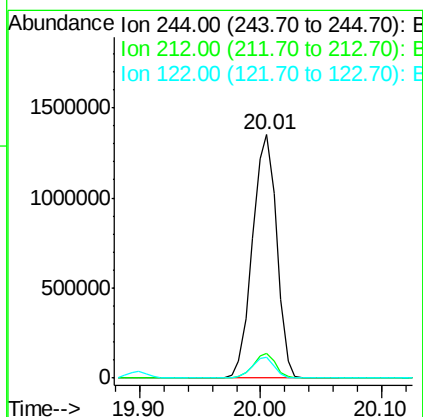
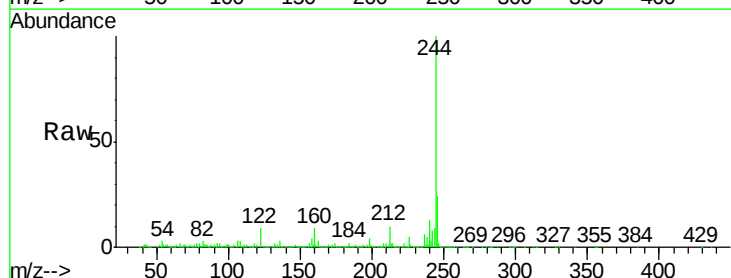
Instrument :
BNA_G
ClientSampleId :
EFF-WW

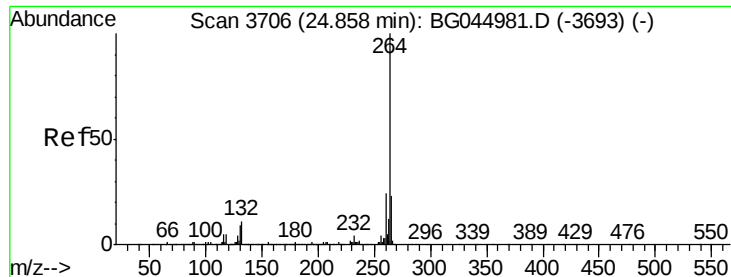
Tgt Ion:240 Resp: 422664
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 26.1 22.2 33.2



#79
Terphenyl-d14
Concen: 97.50 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BG045146.D
Acq: 23 Apr 2020 17:50

Tgt Ion:244 Resp: 1890659
Ion Ratio Lower Upper
244 100
212 10.3 7.9 11.9
122 8.5 7.7 11.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.83 min Scan# 3702
Delta R.T. -0.00 min
Lab File: BG045146.D
Acq: 23 Apr 2020 17:50

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	19.0	28.4

