

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045057.D
 Acq On : 18 Apr 2020 8:25
 Operator : CG/JU
 Sample : L2314-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-2020-04-15

Quant Time: Apr 18 09:16:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

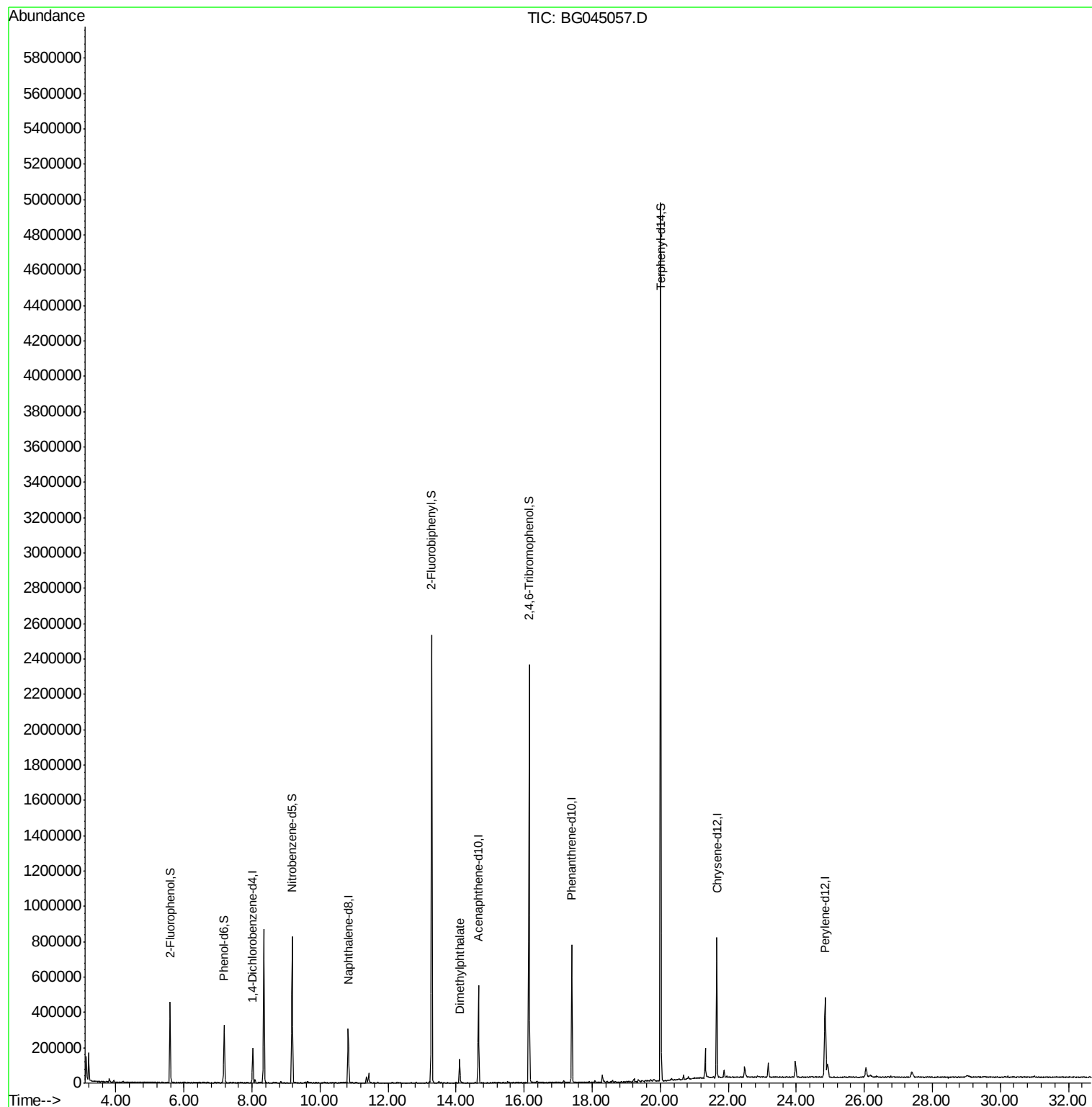
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	61242	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	271132	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	211269	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	514561	20.00	ng	0.00
76) Chrysene-d12	21.66	240	478588	20.00	ng	0.00
87) Perylene-d12	24.85	264	518550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	219788	59.25	ng	0.00
7) Phenol-d6	7.18	99	211549	38.38	ng	0.00
23) Nitrobenzene-d5	9.18	82	566564	95.35	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	484266	148.37	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1390153	96.48	ng	0.00
79) Terphenyl-d14	20.01	244	2294372	104.49	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	94352	5.485	ng	Qvalue 98

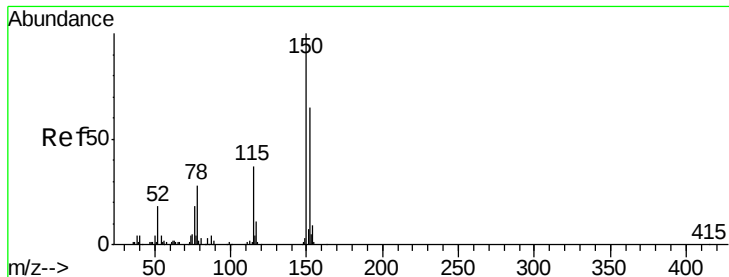
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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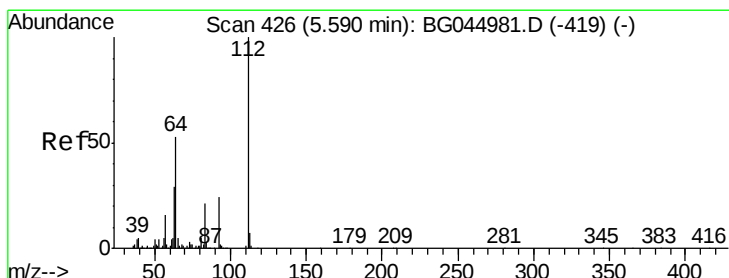
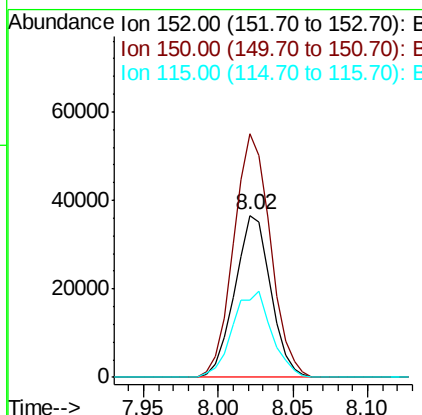
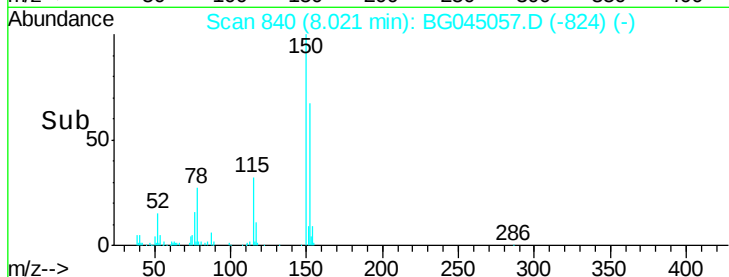
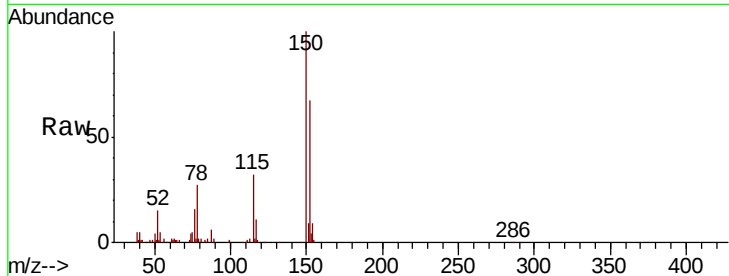




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045057.D
 Acq: 18 Apr 2020 8:25

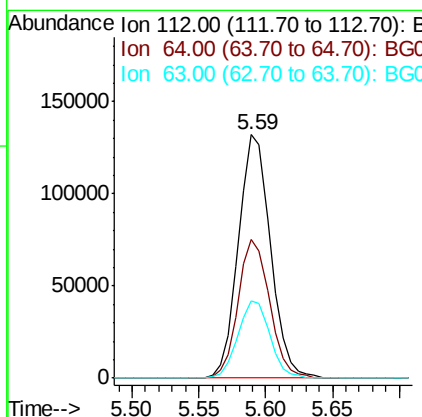
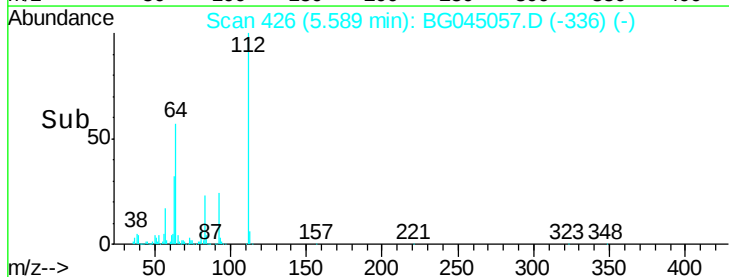
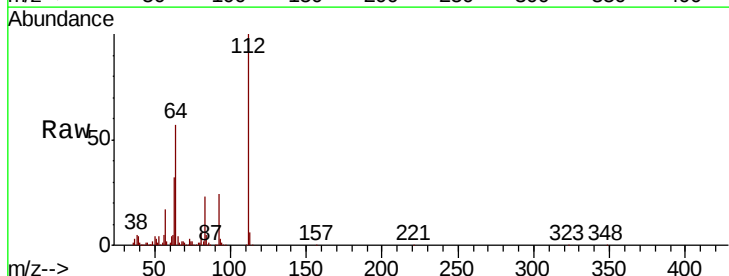
Instrument :
 BNA_G
 ClientSampleId :
 FB-2020-04-15

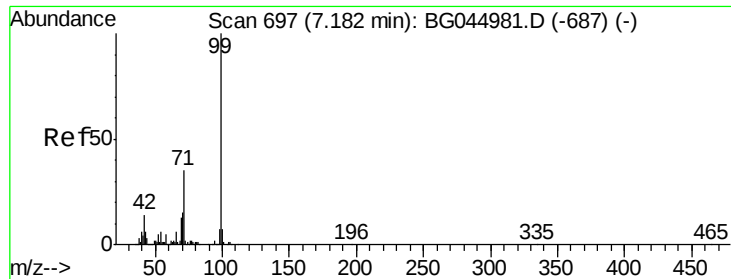
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	123.6	185.4
115	47.9	49.1	73.7#



#5
 2-Fluorophenol
 Concen: 59.250 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045057.D
 Acq: 18 Apr 2020 8:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	42.4	63.6
63	31.7	23.1	34.7





#7

Phenol-d6

Concen: 38.384 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045057.D

Acq: 18 Apr 2020 8:25

Instrument :

BNA_G

ClientSampleId :

FB-2020-04-15

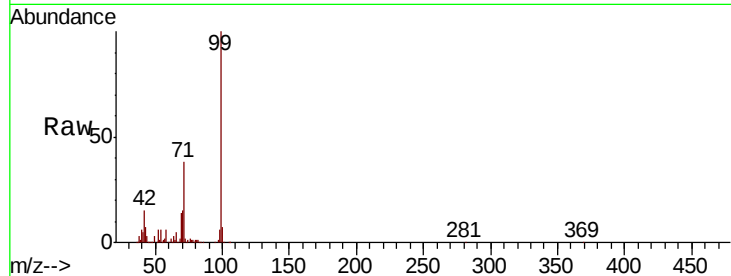
Tot Ion: 99 Resp: 211549

Ion Ratio Lower Upper

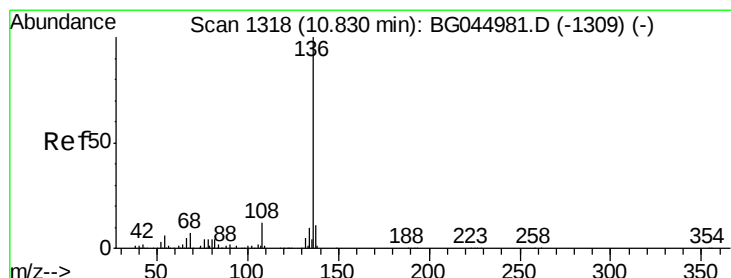
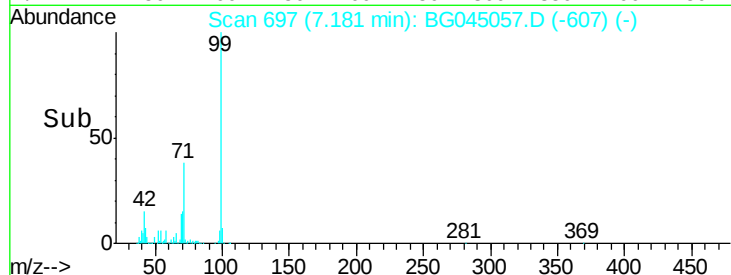
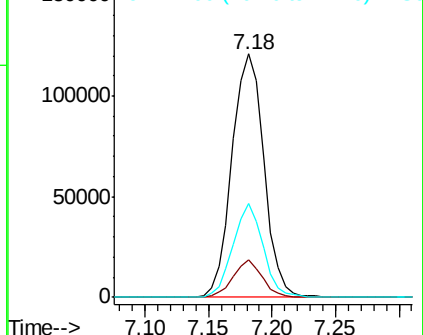
99 100

42 15.5 11.3 16.9

71 38.5 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: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045057.D

Acq: 18 Apr 2020 8:25

Tgt Ion: 136 Resp: 271132

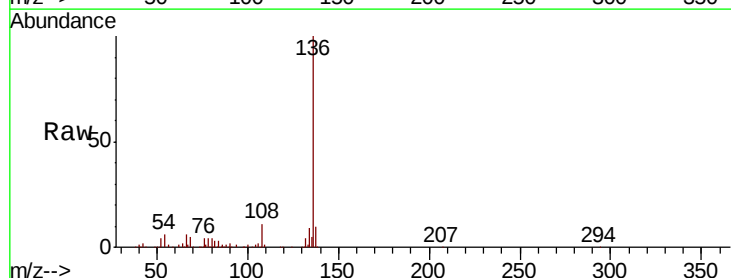
Ion Ratio Lower Upper

136 100

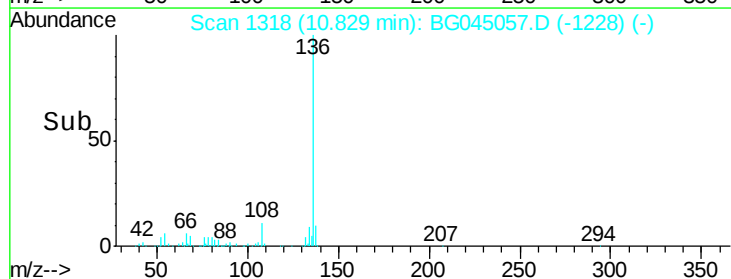
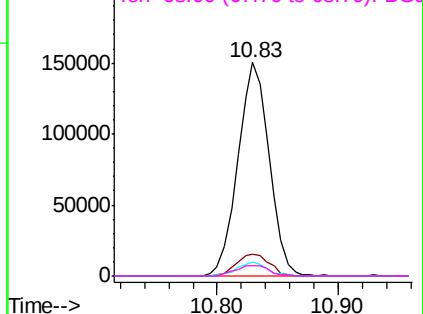
137 10.5 8.6 13.0

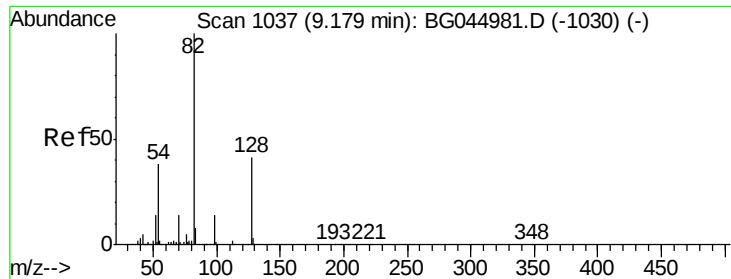
54 6.4 4.8 7.2

68 4.7 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

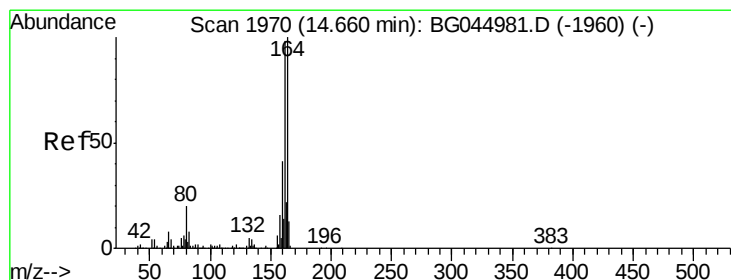
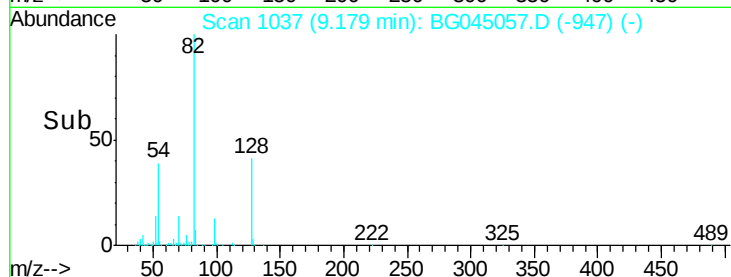
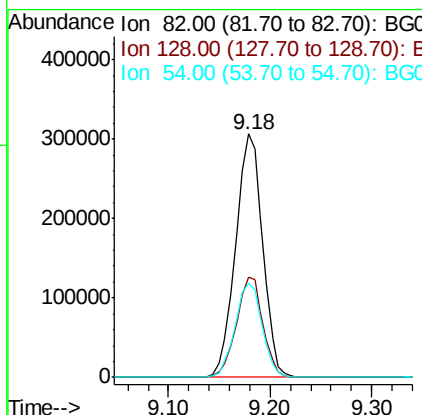
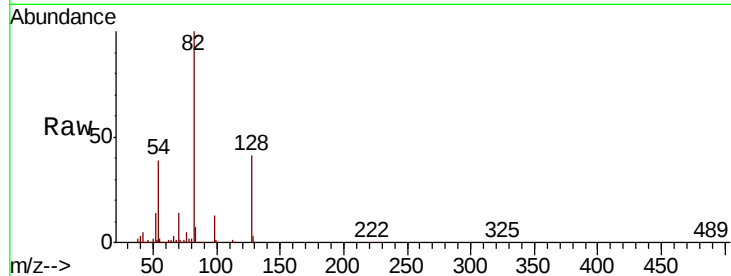




#23
 Nitrobenzene-d5
 Concen: 95.347 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045057.D
 Acq: 18 Apr 2020 8:25

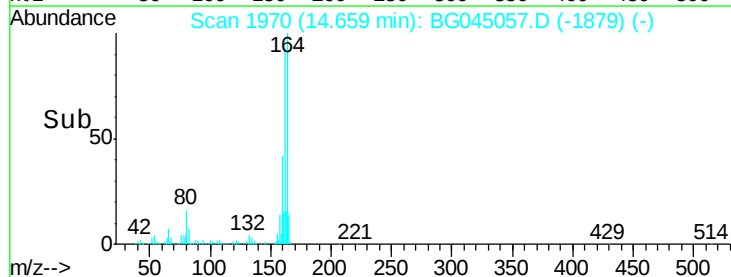
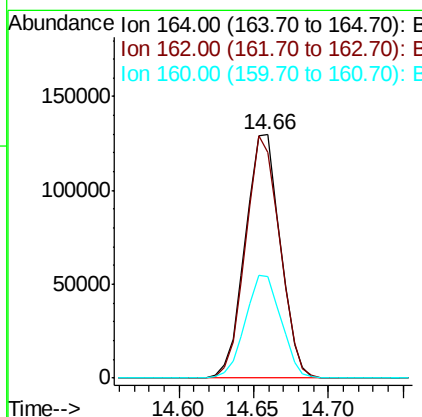
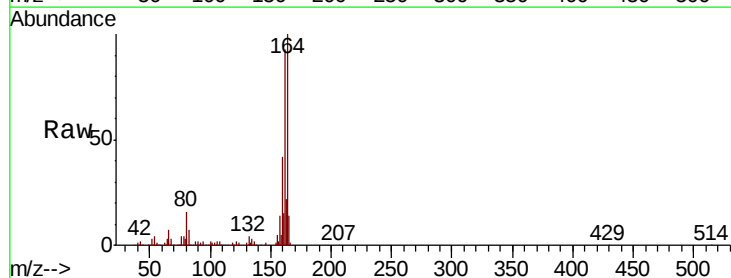
Instrument :
 BNA_G
 ClientSampleId :
 FB-2020-04-15

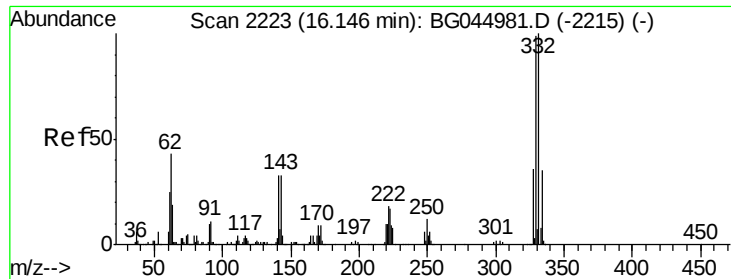
Tot Ion	82	Resp	566564
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.0	49.4
54	38.7	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045057.D
 Acq: 18 Apr 2020 8:25

Tgt Ion	164	Resp	211269
Ion Ratio	Lower	Upper	
164	100		
162	92.7	78.7	118.1
160	41.6	32.8	49.2

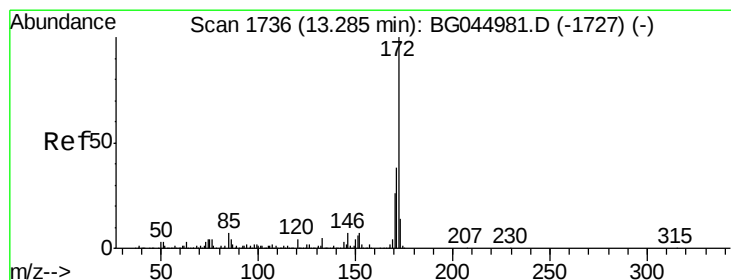
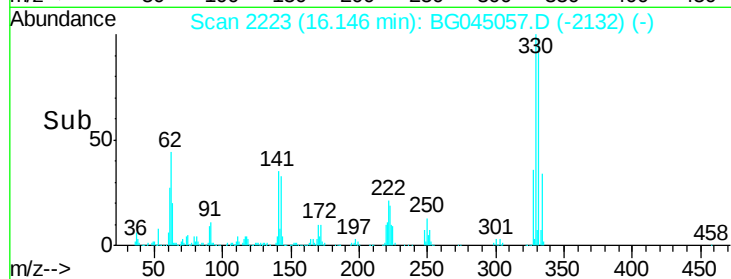
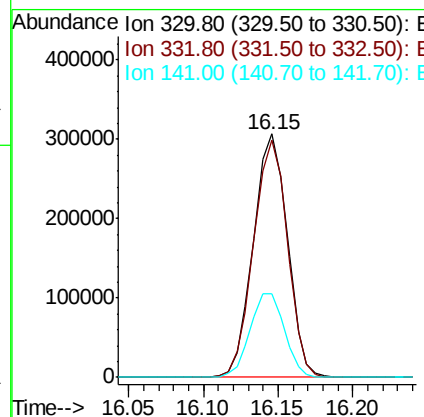
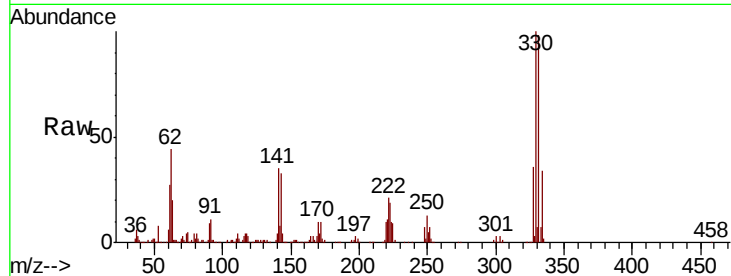




#42
 2,4,6-Tribromophenol
 Concen: 148.374 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045057.D
 Acq: 18 Apr 2020 8:25

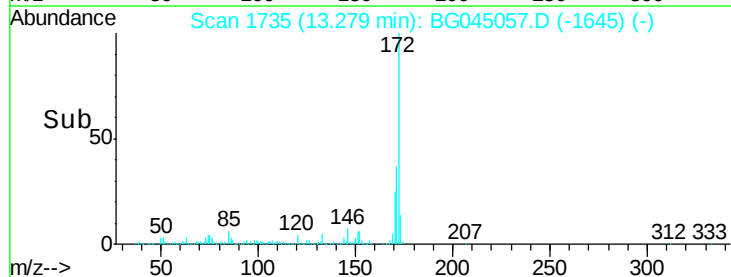
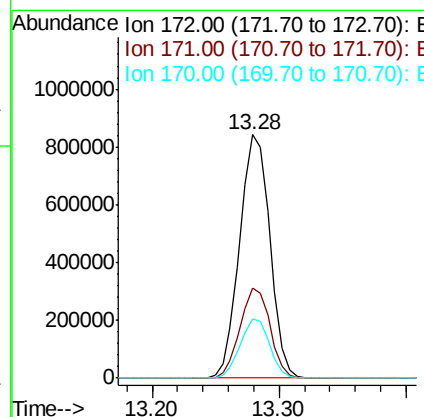
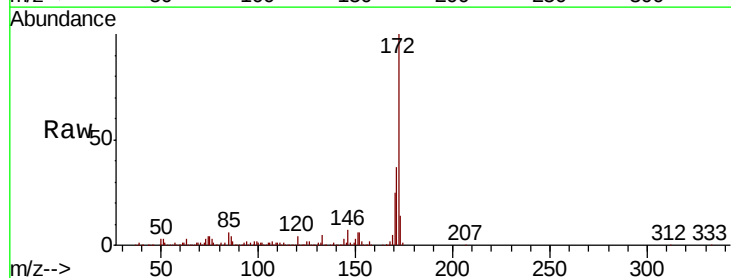
Instrument :
 BNA_G
 ClientSampleId :
 FB-2020-04-15

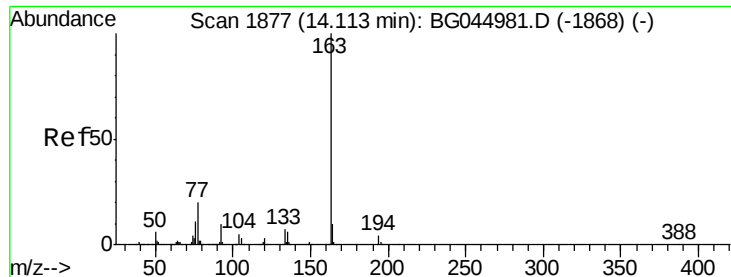
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	34.9	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 96.484 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045057.D
 Acq: 18 Apr 2020 8:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	24.6	20.5	30.7





#50

Dimethylphthalate

Concen: 5.485 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG045057.D

Acq: 18 Apr 2020 8:25

Instrument :

BNA_G

ClientSampleId :

FB-2020-04-15

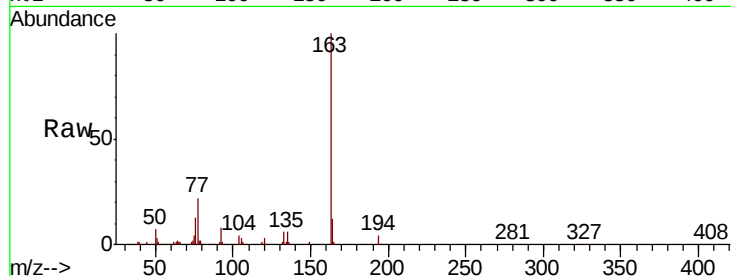
Tot Ion:163 Resp: 94352

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

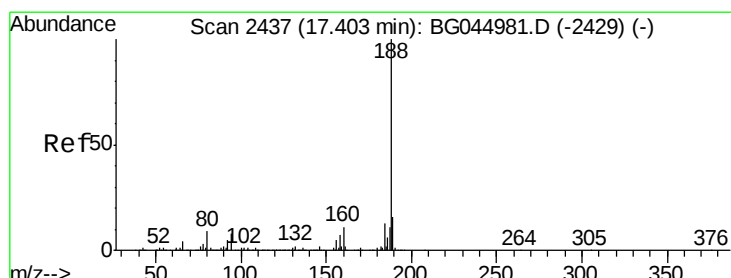
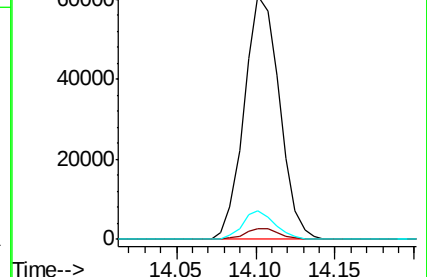
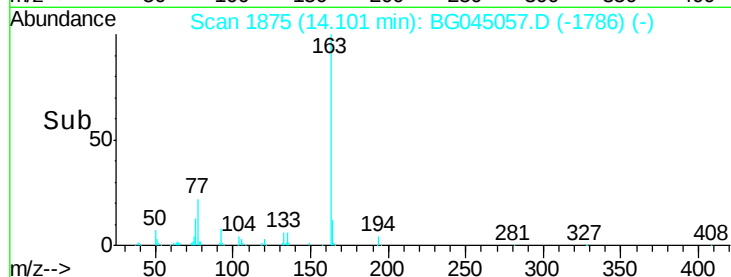
164 11.6 8.2 12.4



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: 20.000 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG045057.D

Acq: 18 Apr 2020 8:25

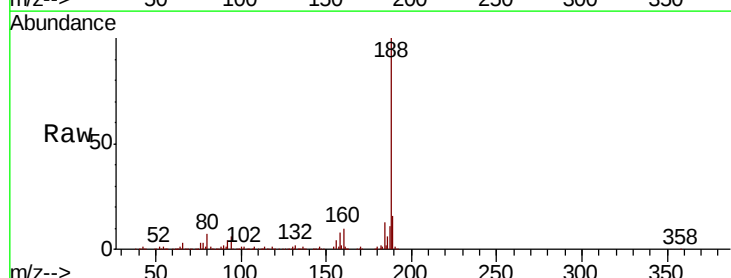
Tgt Ion:188 Resp: 514561

Ion Ratio Lower Upper

188 100

94 6.3 6.2 9.4

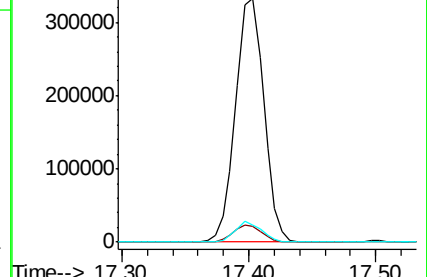
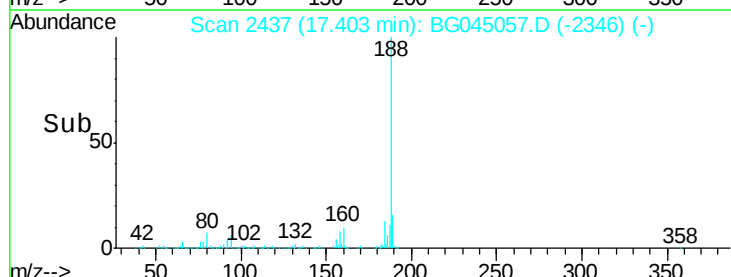
80 7.2 7.0 10.6

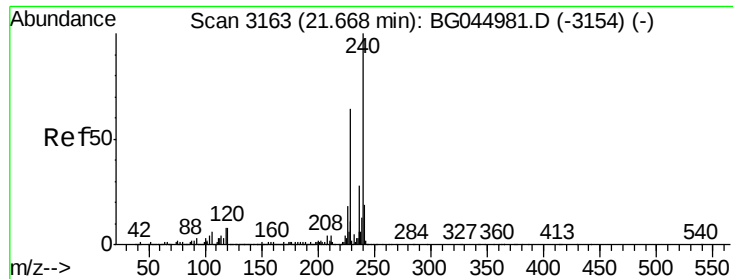


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

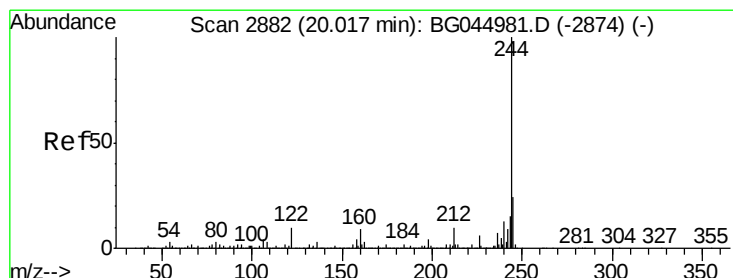
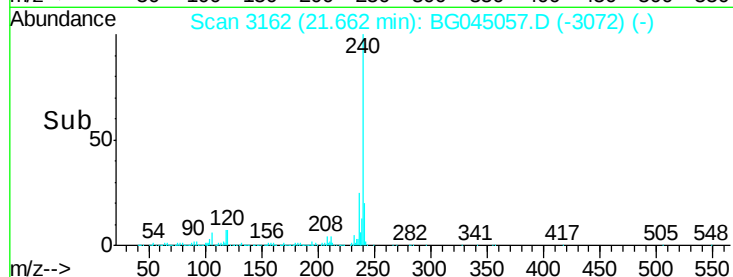
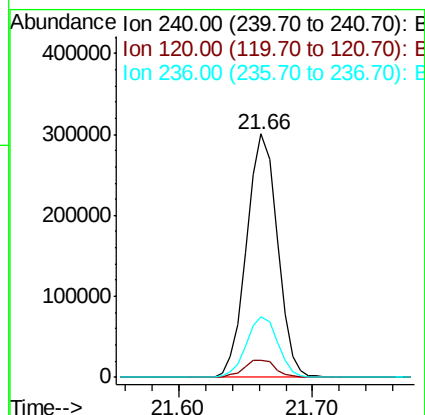
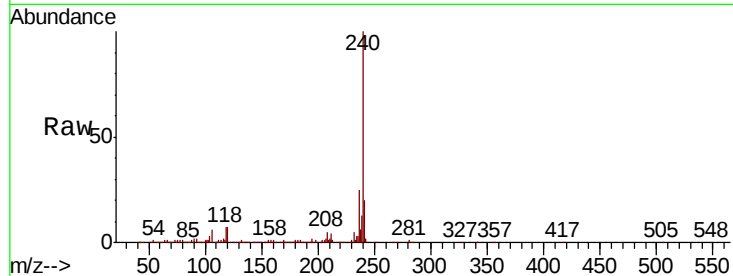




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045057.D
Acq: 18 Apr 2020 8:25

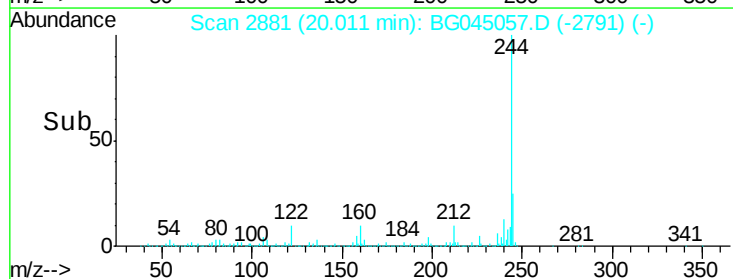
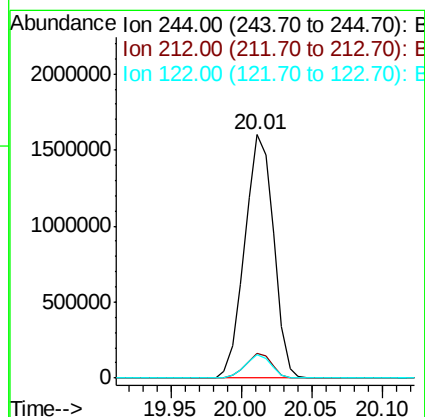
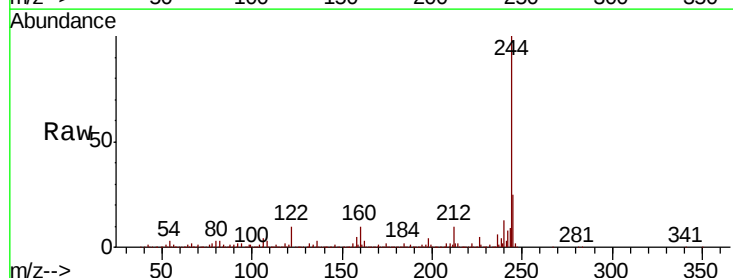
Instrument :
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FB-2020-04-15

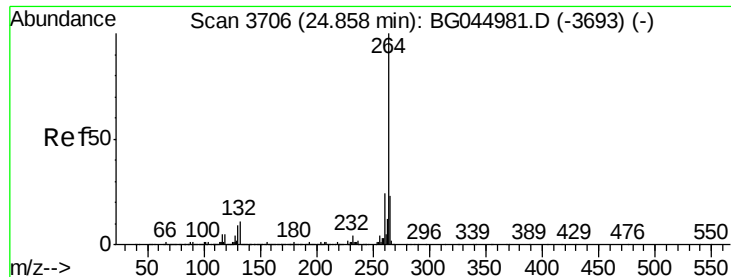
Tot Ion:240 Resp: 478588
Ion Ratio Lower Upper
240 100
120 7.0 6.6 10.0
236 25.1 22.2 33.2



#79
Terphenyl-d14
Concen: 104.489 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045057.D
Acq: 18 Apr 2020 8:25

Tgt Ion:244 Resp: 2294372
Ion Ratio Lower Upper
244 100
212 10.3 7.9 11.9
122 9.5 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG045057.D
Acq: 18 Apr 2020 8:25

Instrument :
BNA_G
ClientSampleId :
FB-2020-04-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	19.0	28.4

