

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
 Data File : BG045101.D
 Acq On : 20 Apr 2020 18:23
 Operator : CG/JU
 Sample : L2346-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-5

Quant Time: Apr 21 05:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 11:57:28 2020
 Response via : Initial Calibration

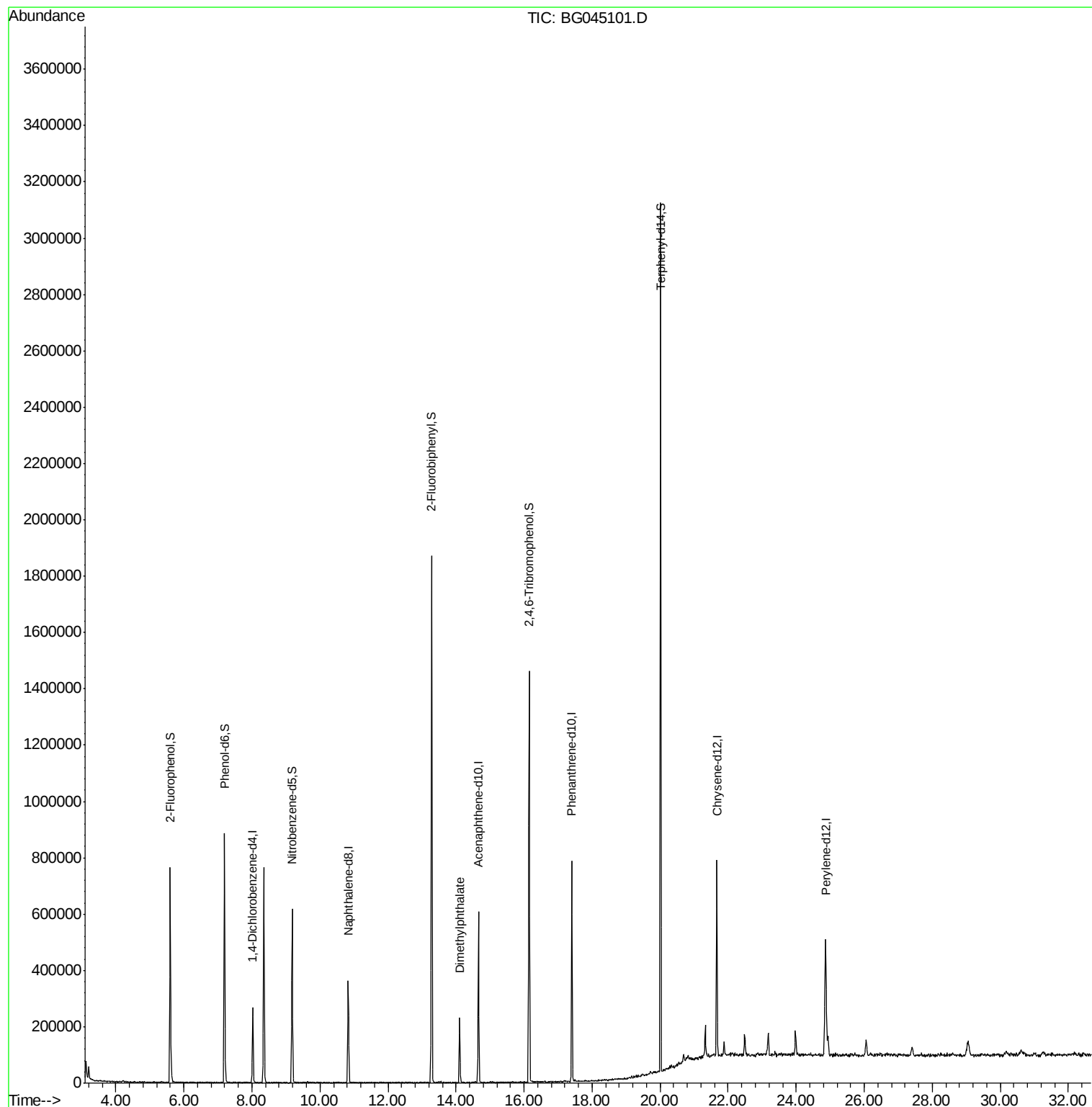
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	77396	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	323109	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	230596	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	496163	20.00	ng	0.00
76) Chrysene-d12	21.67	240	449040	20.00	ng	0.00
87) Perylene-d12	24.86	264	488534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	389584	83.10	ng	0.00
7) Phenol-d6	7.20	99	595751	85.53	ng	0.00
23) Nitrobenzene-d5	9.18	82	419851	59.29	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	299707	84.13	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1011627	64.33	ng	0.00
79) Terphenyl-d14	20.01	244	1478471	71.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	157652	8.396	ng	Qvalue 97

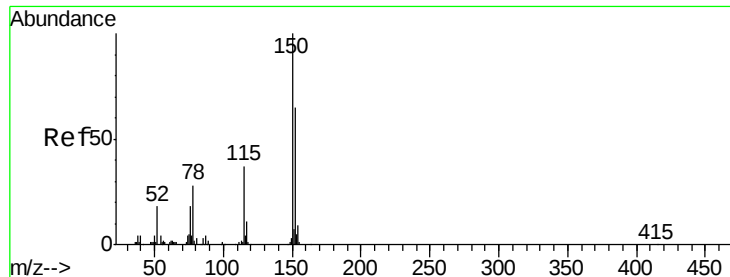
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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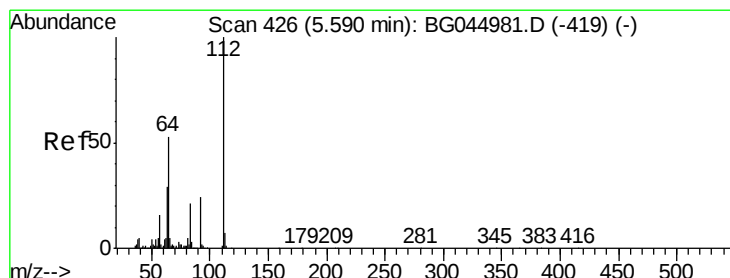
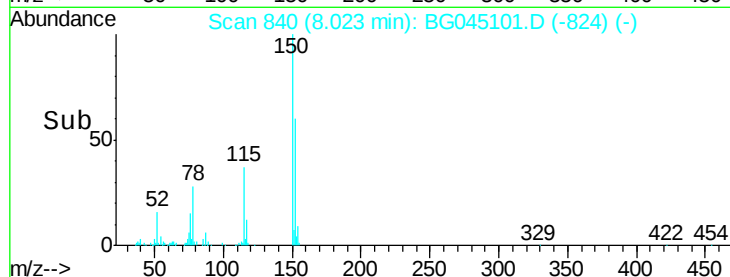
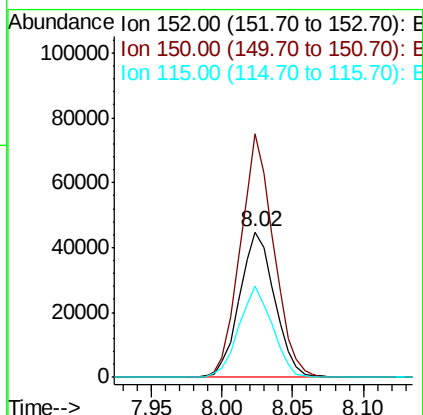
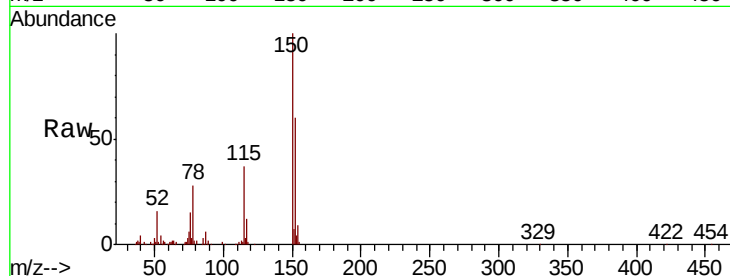


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG045101.D
Acq: 20 Apr 2020 18:23

Instrument :
BNA_G
ClientSampleId :
S-5

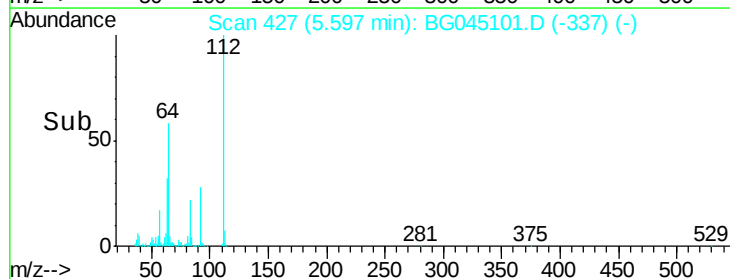
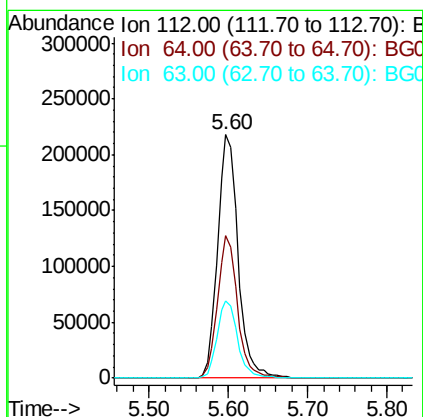
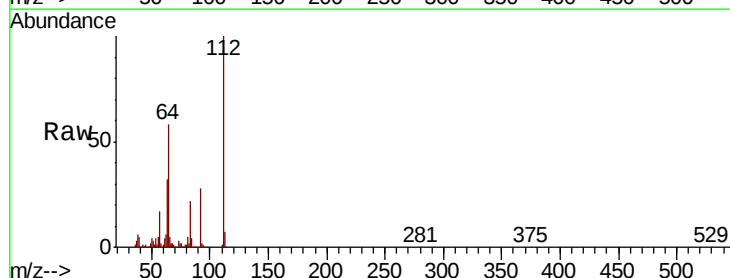
Tot Ion	Ratio	Lower	Upper
152	100		
150	167.9	123.6	185.4
115	62.7	49.1	73.7



#5

2-Fluorophenol
Concen: 83.103 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG045101.D
Acq: 20 Apr 2020 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	42.4	63.6
63	31.7	23.1	34.7





#7

Phenol-d6

Concen: 85.533 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG045101.D

Acq: 20 Apr 2020 18:23

Instrument :

BNA_G

ClientSampleId :

S-5

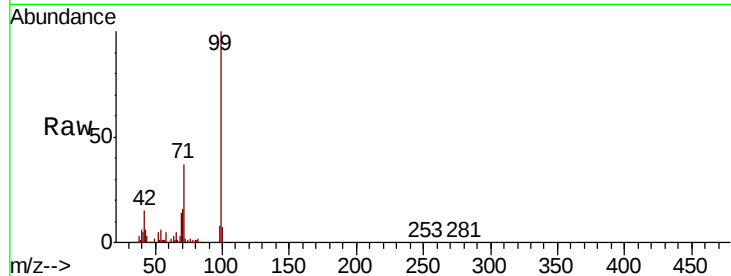
Tot Ion: 99 Resp: 595751

Ion Ratio Lower Upper

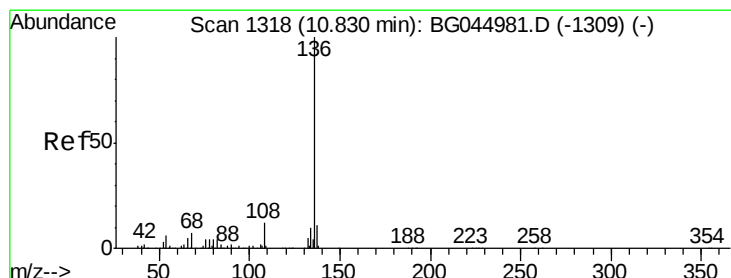
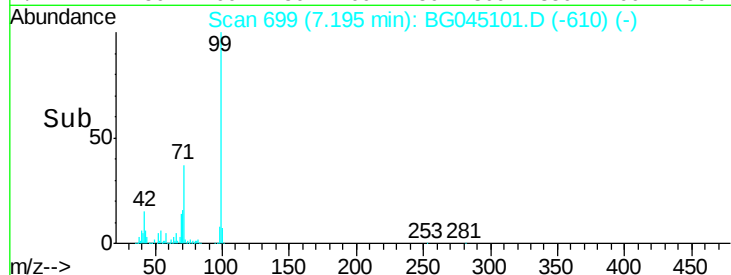
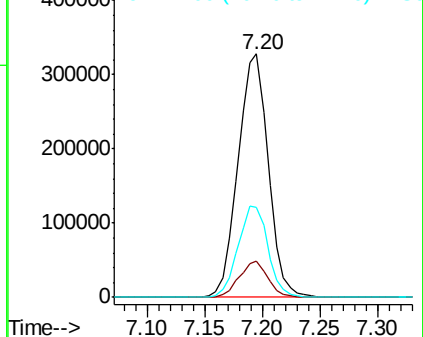
99 100

42 14.7 11.3 16.9

71 36.8 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. -0.01 min

Lab File: BG045101.D

Acq: 20 Apr 2020 18:23

Tgt Ion: 136 Resp: 323109

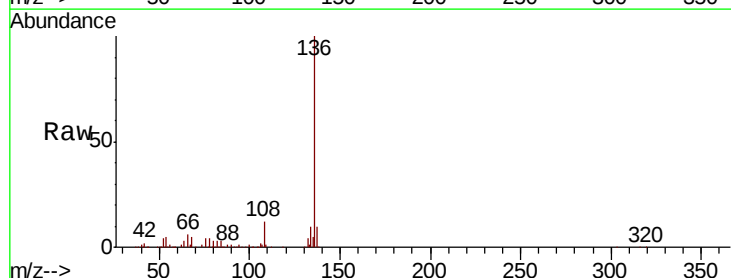
Ion Ratio Lower Upper

136 100

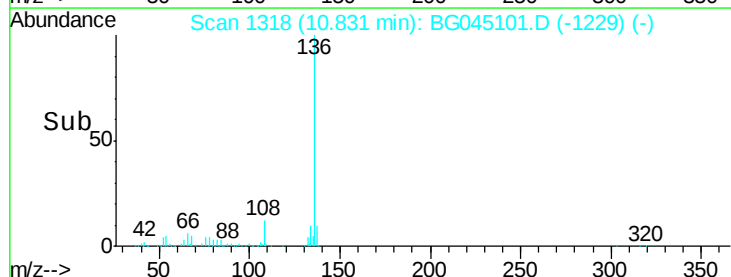
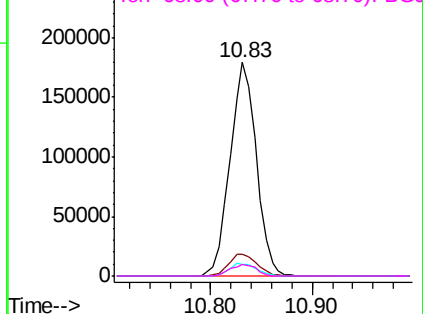
137 10.4 8.6 13.0

54 5.3 4.8 7.2

68 5.4 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

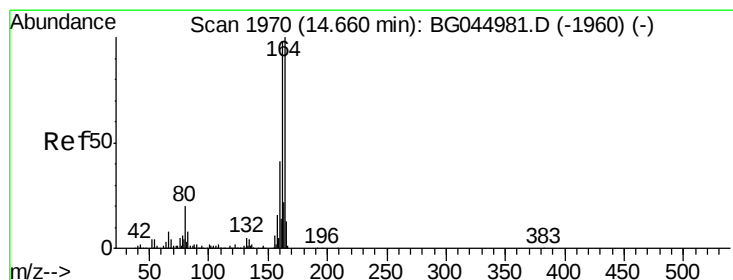
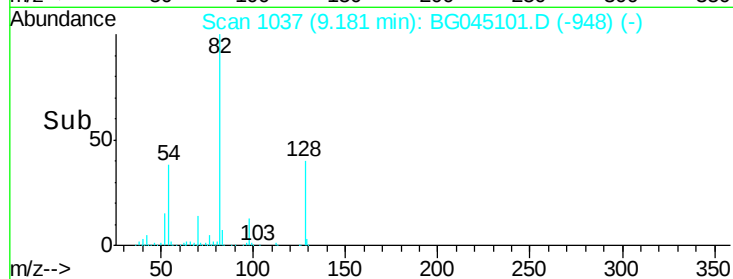
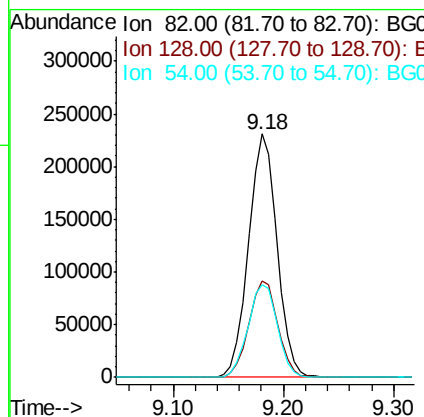
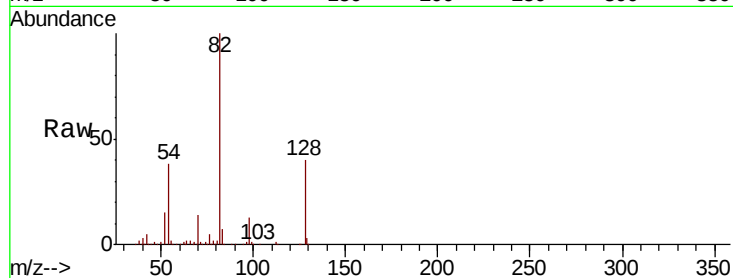




#23
 Nitrobenzene-d5
 Concen: 59.291 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG045101.D
 Acq: 20 Apr 2020 18:23

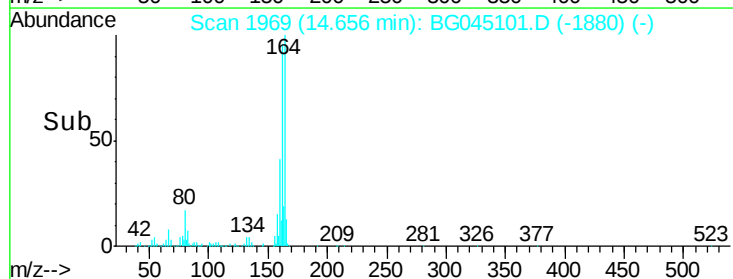
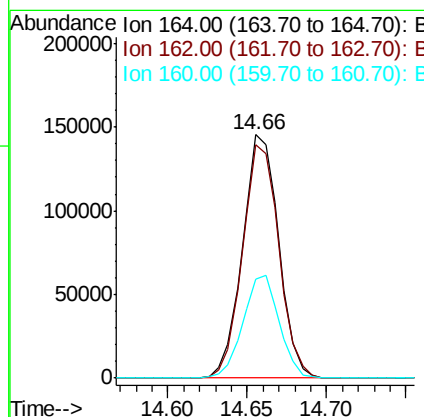
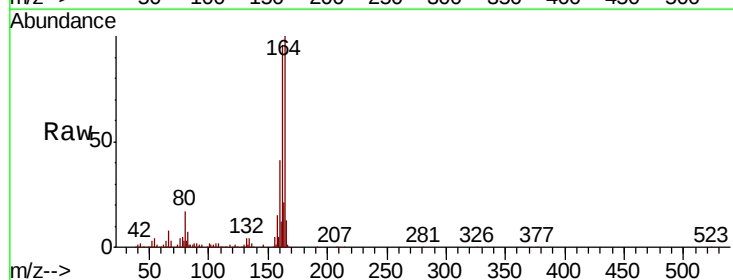
Instrument :
 BNA_G
 ClientSampleId :
 S-5

Tot Ion	82	Resp	419851
Ion Ratio	Lower	Upper	
82	100		
128	39.6	33.0	49.4
54	37.8	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG045101.D
 Acq: 20 Apr 2020 18:23

Tgt Ion	164	Resp	230596
Ion Ratio	Lower	Upper	
164	100		
162	95.9	78.7	118.1
160	40.7	32.8	49.2

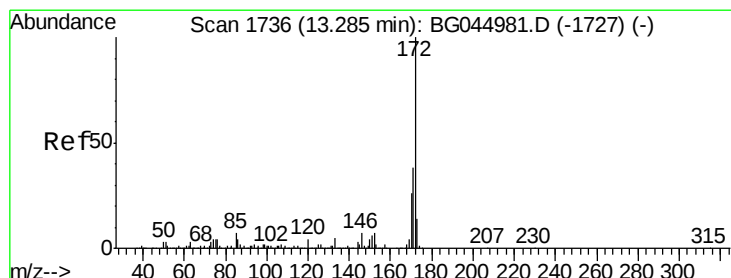
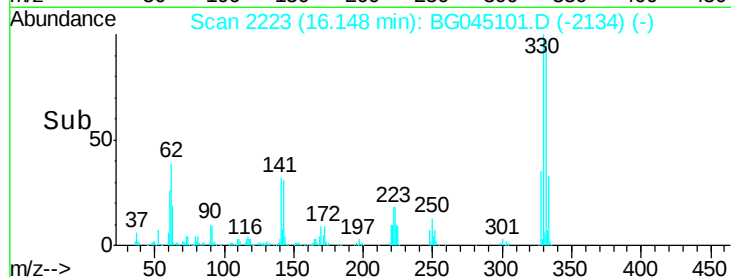
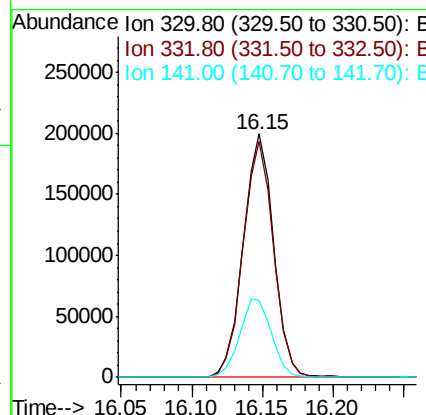
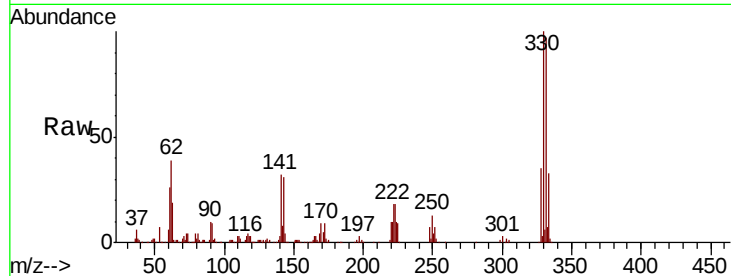




#42
 2,4,6-Tribromophenol
 Concen: 84.130 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG045101.D
 Acq: 20 Apr 2020 18:23

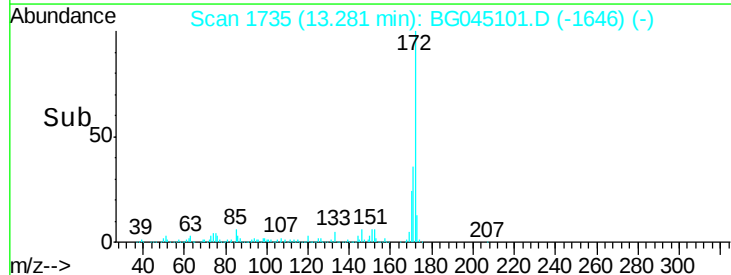
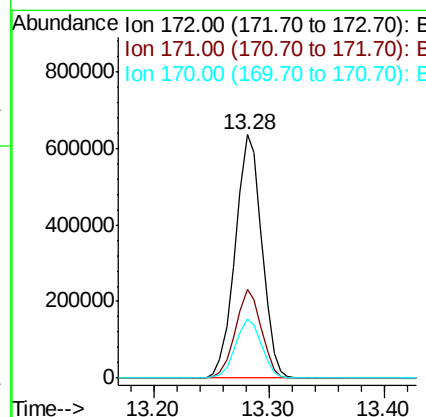
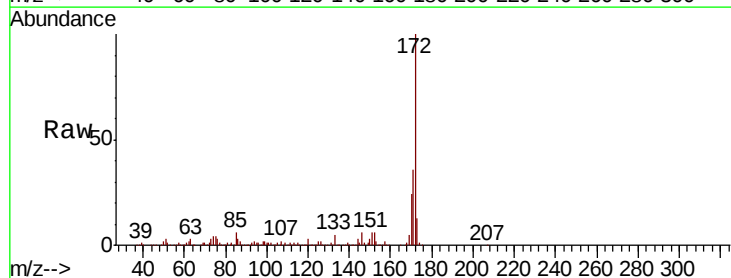
Instrument :
 BNA_G
 ClientSampled :
 S-5

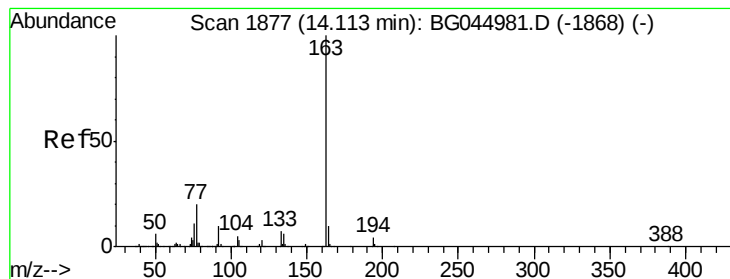
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.1	118.7
141	33.7	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 64.328 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG045101.D
 Acq: 20 Apr 2020 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	24.2	20.5	30.7





#50

Dimethylphthalate

Concen: 8.396 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG045101.D

Acq: 20 Apr 2020 18:23

Instrument :

BNA_G

ClientSampled :

S-5

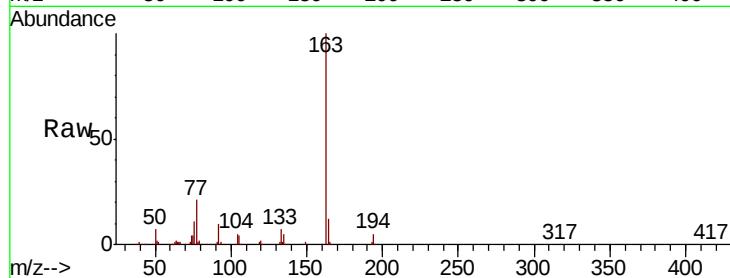
Tot Ion:163 Resp: 157652

Ion Ratio Lower Upper

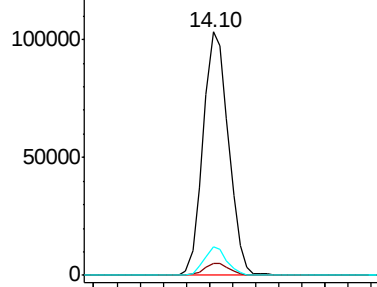
163 100

194 4.7 3.5 5.3

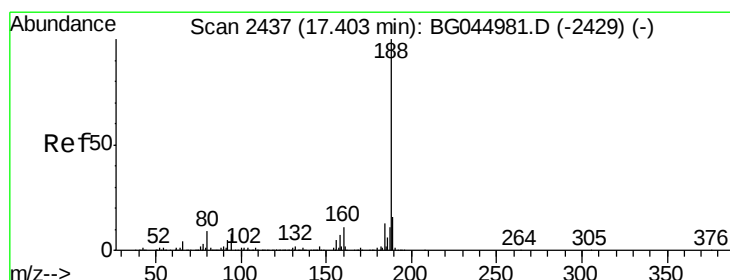
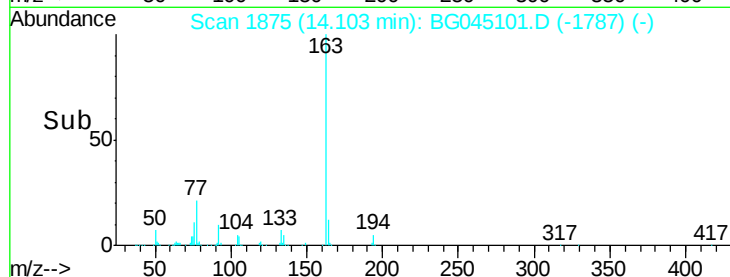
164 11.6 8.2 12.4



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



Time--> 14.00 14.10 14.20



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG045101.D

Acq: 20 Apr 2020 18:23

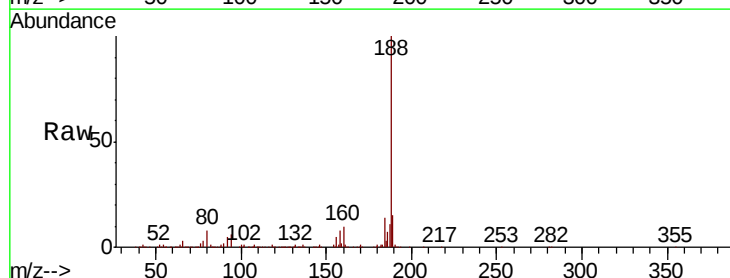
Tgt Ion:188 Resp: 496163

Ion Ratio Lower Upper

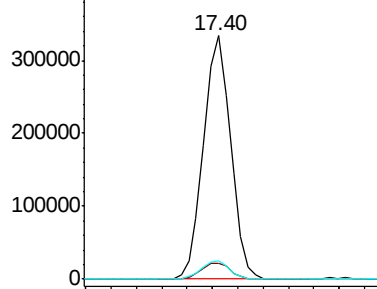
188 100

94 6.4 6.2 9.4

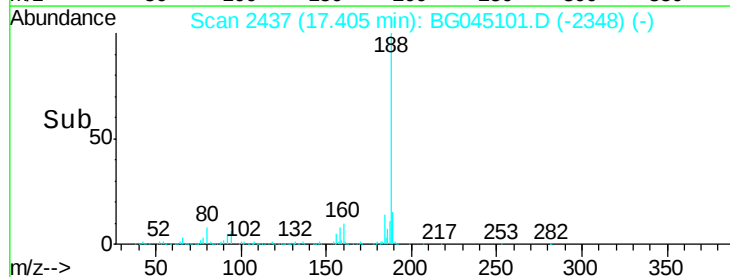
80 7.8 7.0 10.6



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



Time--> 17.30 17.40 17.50





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045101.D

Acq: 20 Apr 2020 18:23

Instrument :

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ClientSampleId :

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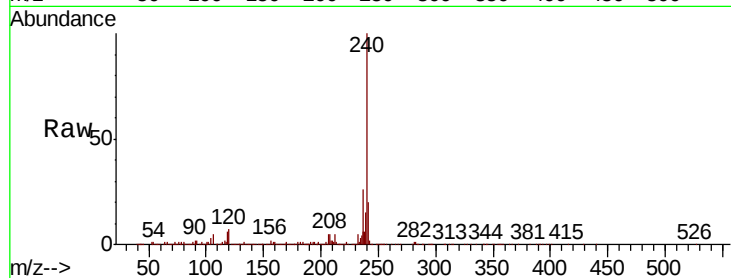
Tot Ion:240 Resp: 449040

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

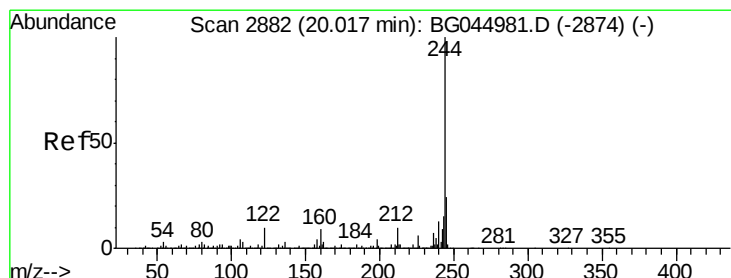
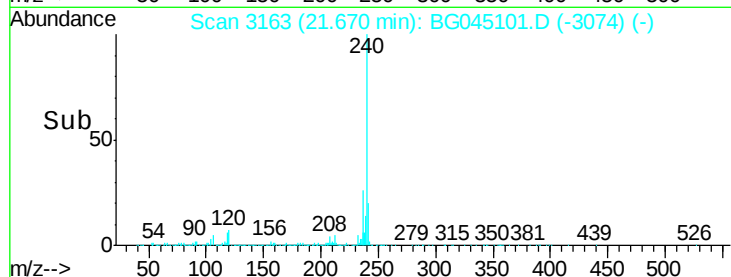
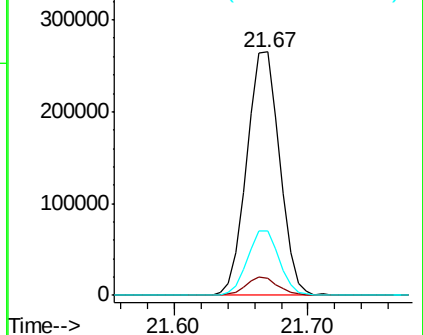
236 26.5 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 71.763 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG045101.D

Acq: 20 Apr 2020 18:23

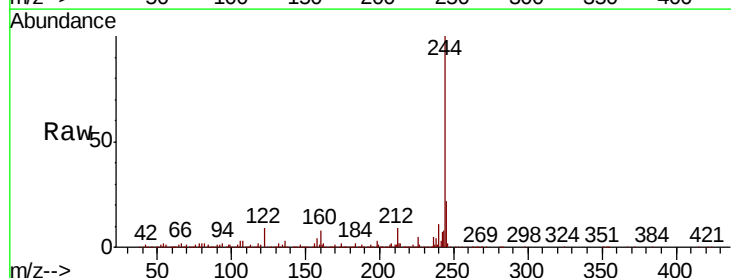
Tgt Ion:244 Resp: 1478471

Ion Ratio Lower Upper

244 100

212 9.0 7.9 11.9

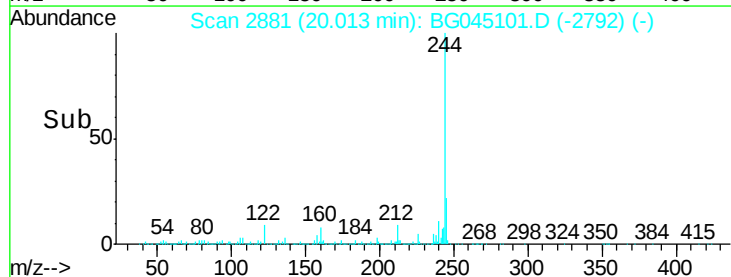
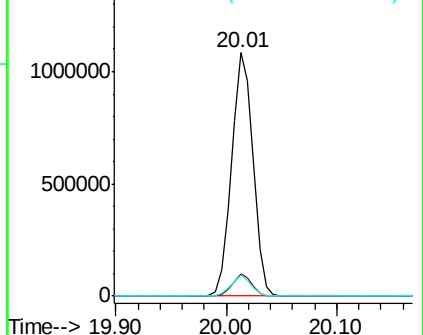
122 8.8 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG045101.D
Acq: 20 Apr 2020 18:23

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.1	19.0	28.4

