

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
 Data File : BG045150.D
 Acq On : 23 Apr 2020 20:29
 Operator : CG/JU
 Sample : L2350-08 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-D

Quant Time: Apr 24 03:30:35 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

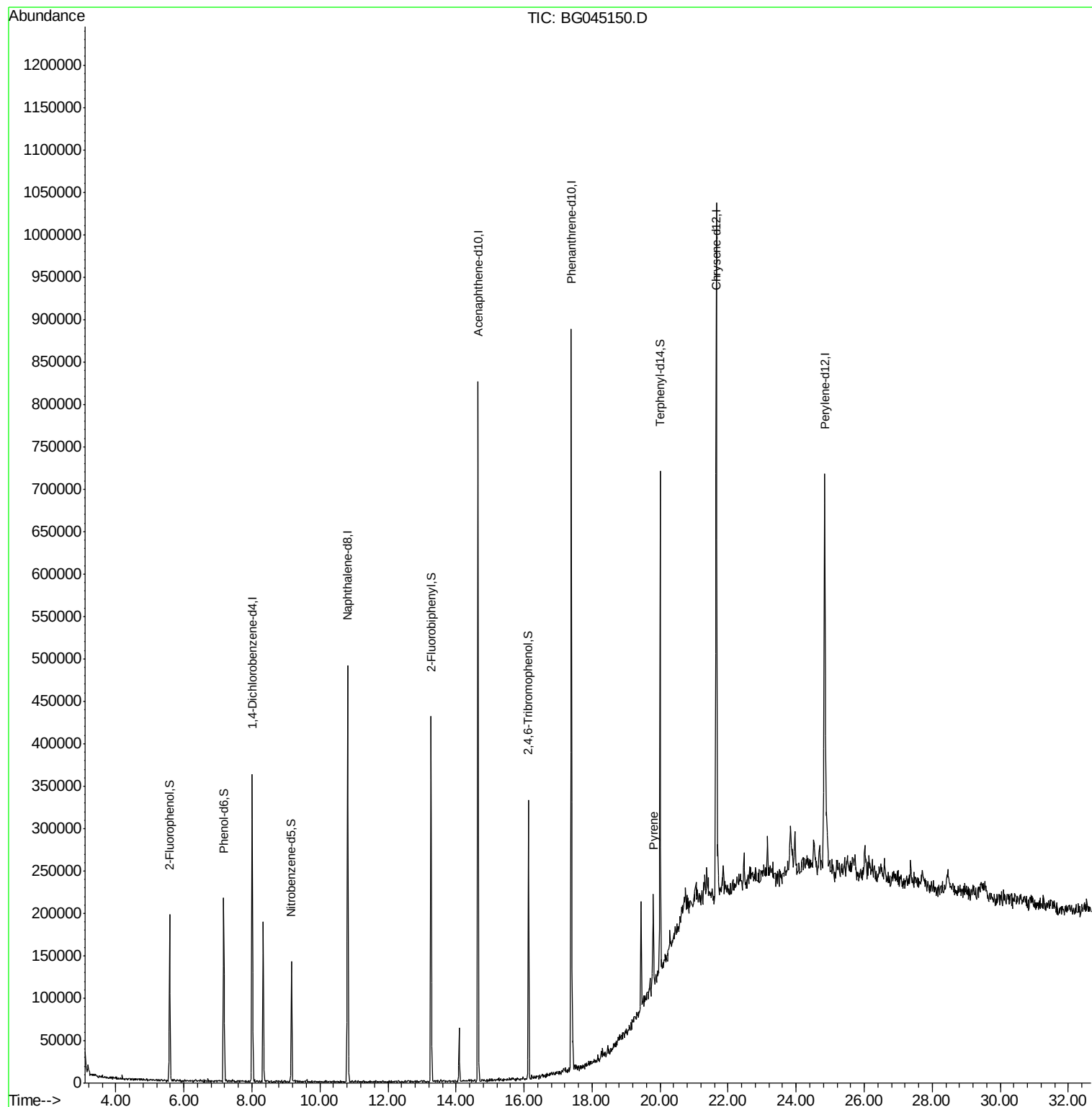
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	105349	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	441108	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	299770	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	596043	20.00	ng	0.00
76) Chrysene-d12	21.65	240	484216	20.00	ng	0.00
87) Perylene-d12	24.84	264	532130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	94602	14.83	ng	0.00
7) Phenol-d6	7.17	99	144622	15.25	ng	0.00
23) Nitrobenzene-d5	9.16	82	97870	10.12	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	63770	13.77	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	239030	11.69	ng	0.00
79) Terphenyl-d14	20.00	244	312008	14.04	ng	0.00
Target Compounds						
78) Pyrene	19.80	202	71613	2.15	ng	Qvalue 97

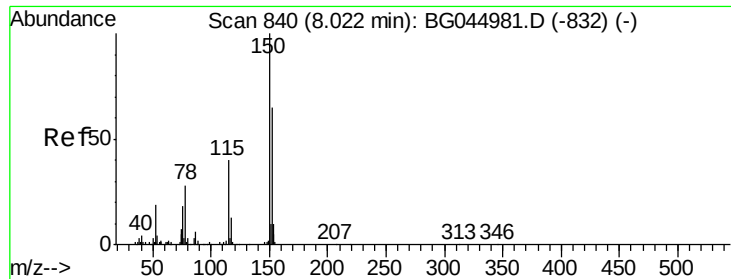
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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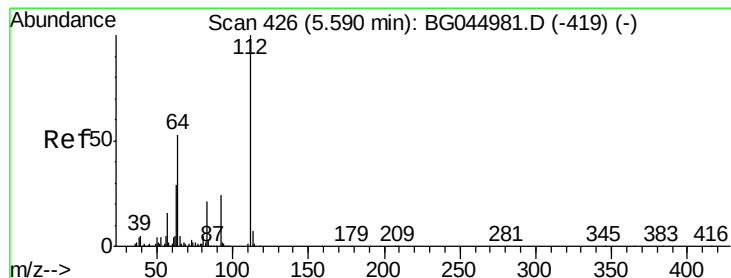
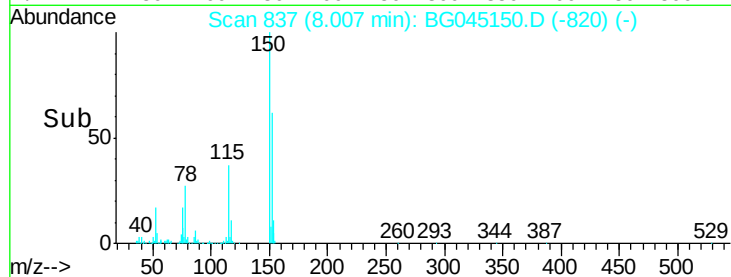
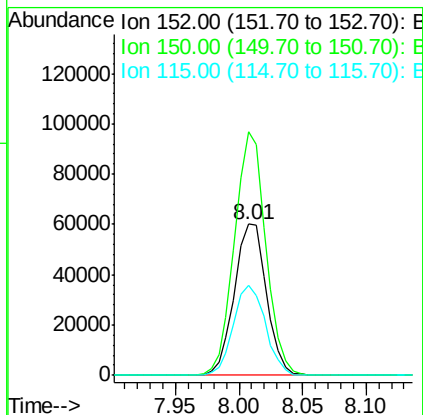
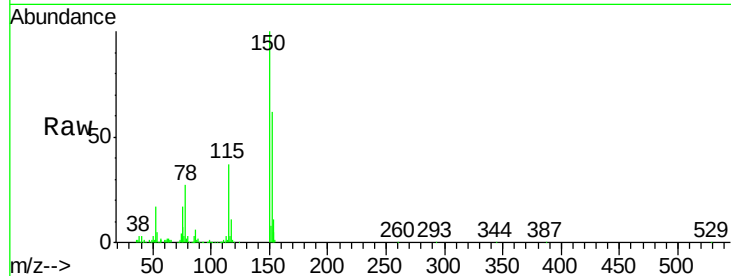


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG045150.D
Acq: 23 Apr 2020 20:29

Instrument :
BNA_G
ClientSampleId :
TP-5-D

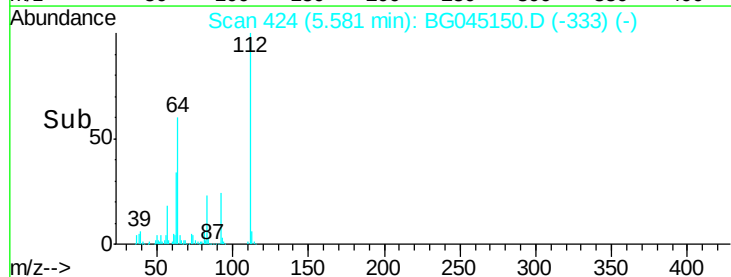
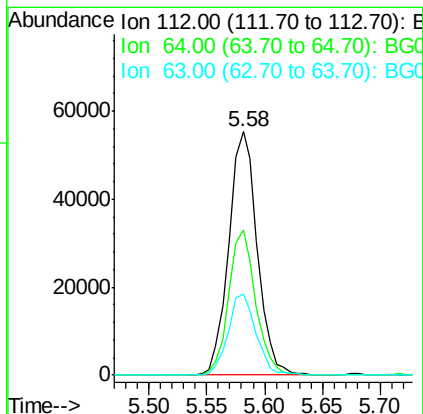
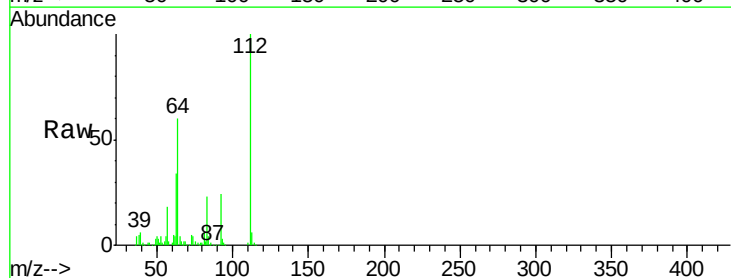
Tgt Ion:152 Resp: 105349
Ion Ratio Lower Upper
152 100
150 160.9 123.6 185.4
115 59.3 49.1 73.7

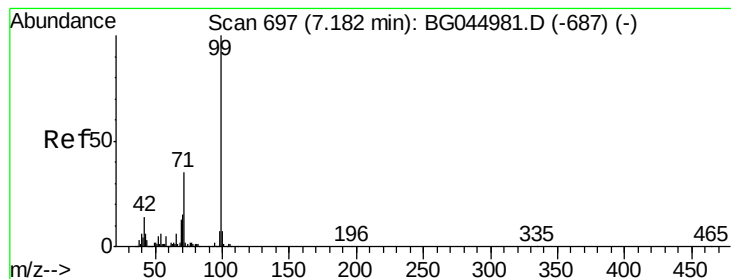


#5

2-Fluorophenol
Concen: 14.83 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG045150.D
Acq: 23 Apr 2020 20:29

Tgt Ion:112 Resp: 94602
Ion Ratio Lower Upper
112 100
64 59.7 42.4 63.6
63 33.5 23.1 34.7





#7

Phenol-d6

Concen: 15.25 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

Instrument :

BNA_G

ClientSampleId :

TP-5-D

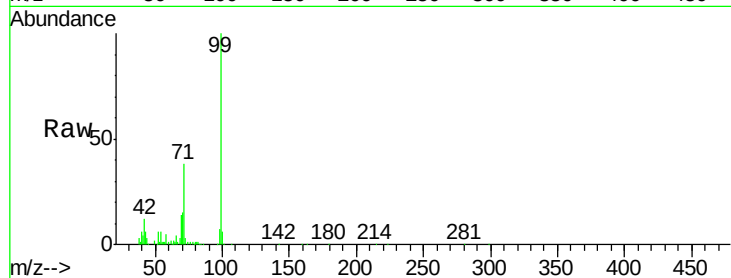
Tgt Ion: 99 Resp: 144622

Ion Ratio Lower Upper

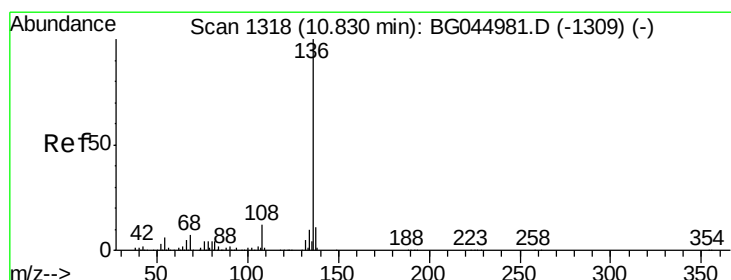
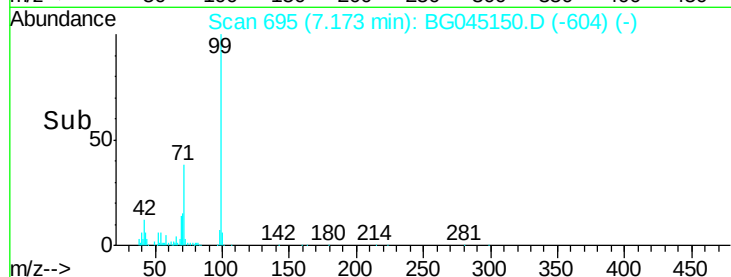
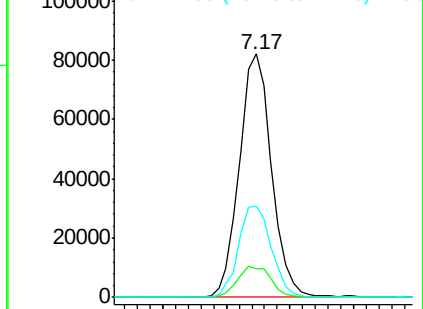
99 100

42 11.6 11.3 16.9

71 37.5 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: 20.00 ng

RT: 10.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

Tgt Ion: 136 Resp: 441108

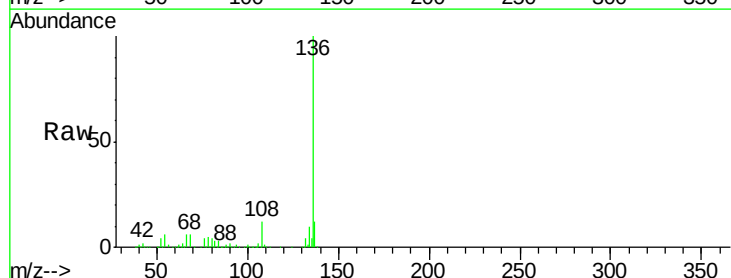
Ion Ratio Lower Upper

136 100

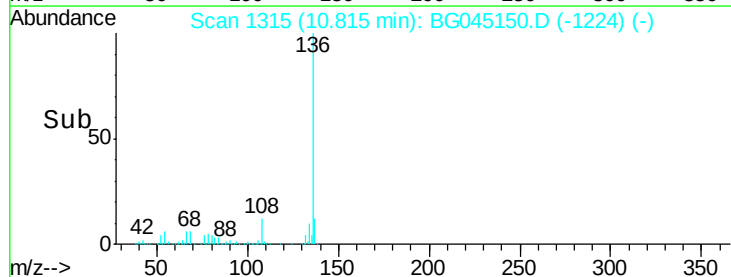
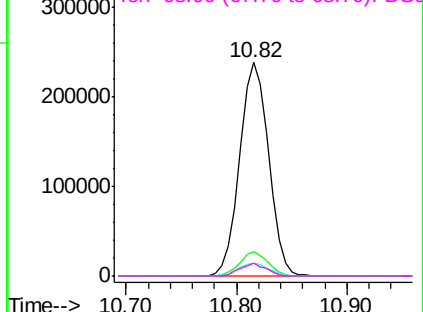
137 11.6 8.6 13.0

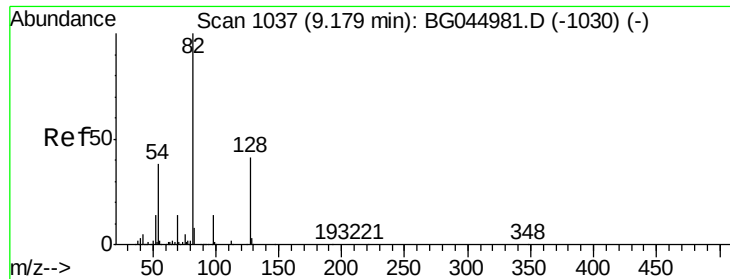
54 6.1 4.8 7.2

68 5.7 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

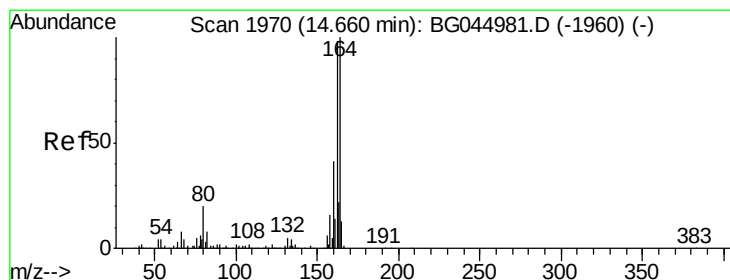
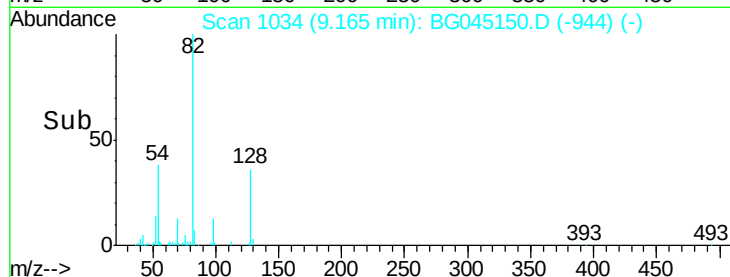
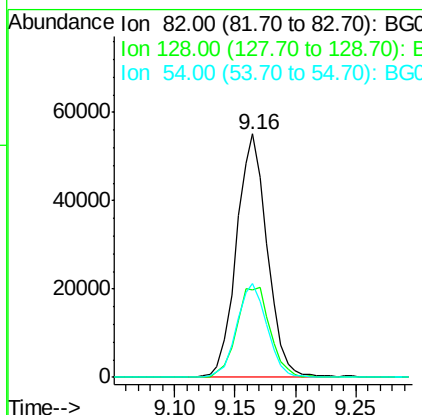
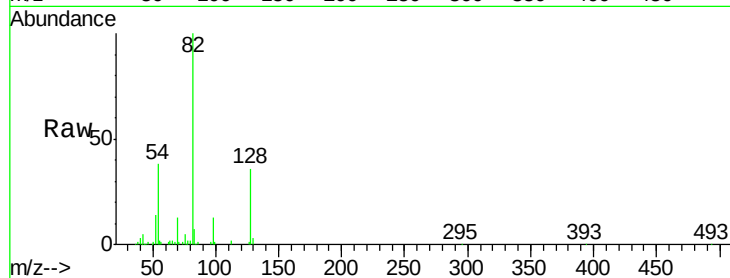




#23
Nitrobenzene-d5
Concen: 10.12 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG045150.D
Acq: 23 Apr 2020 20:29

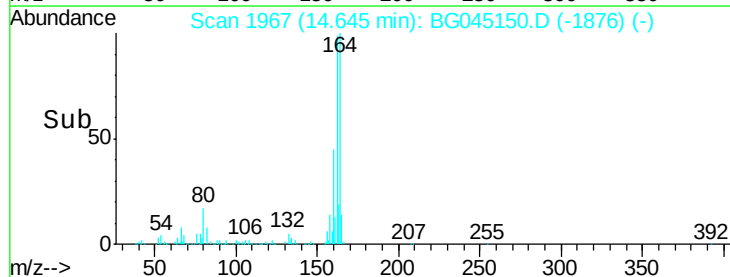
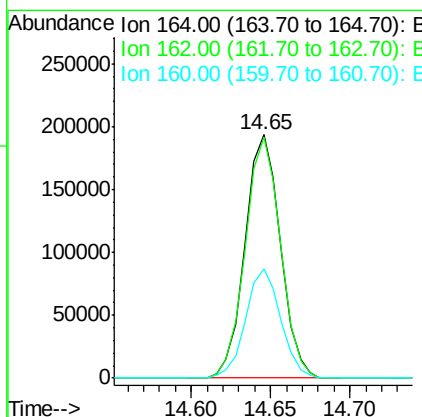
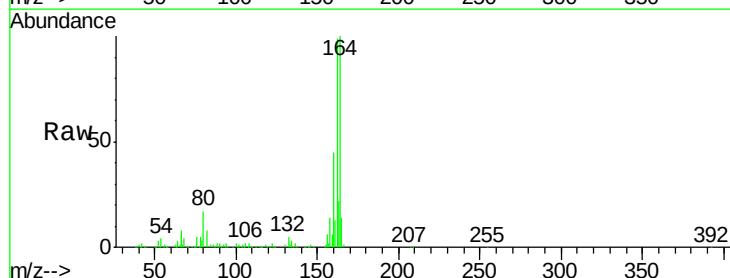
Instrument :
BNA_G
ClientSampleId :
TP-5-D

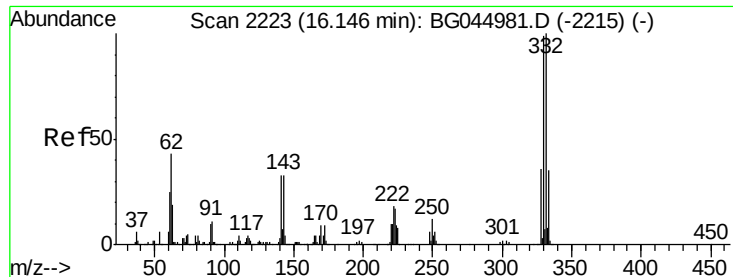
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	33.0	49.4
54	38.5	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG045150.D
Acq: 23 Apr 2020 20:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.7	118.1
160	44.7	32.8	49.2

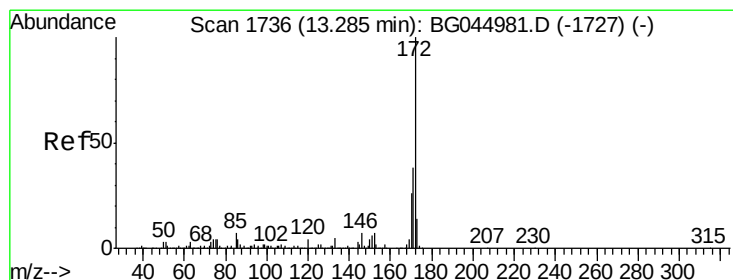
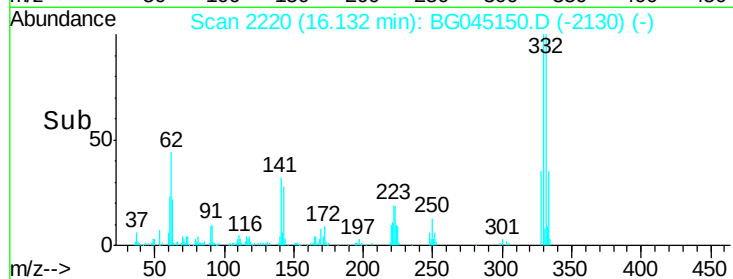
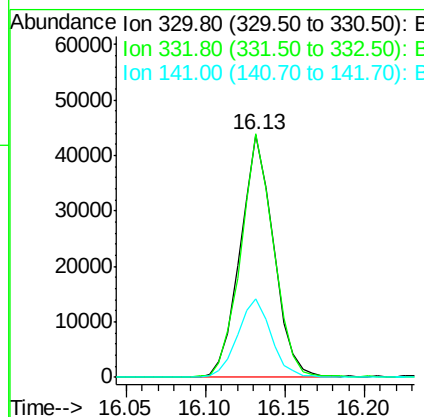
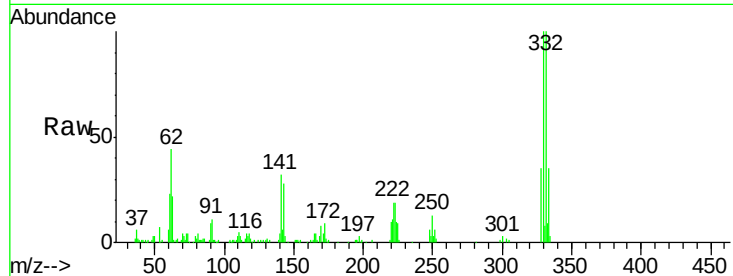




#42
 2,4,6-Tribromophenol
 Concen: 13.77 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG045150.D
 Acq: 23 Apr 2020 20:29

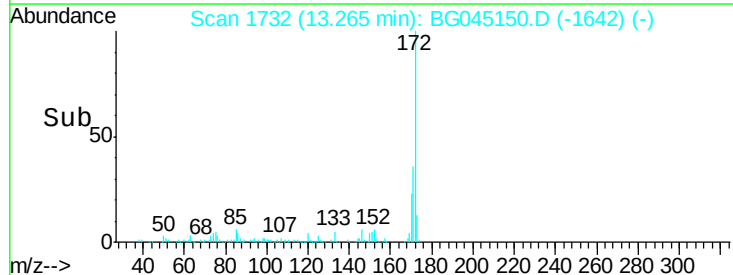
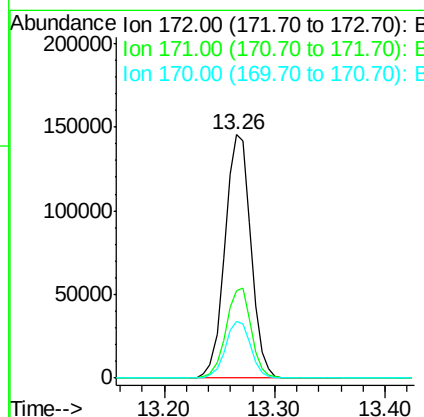
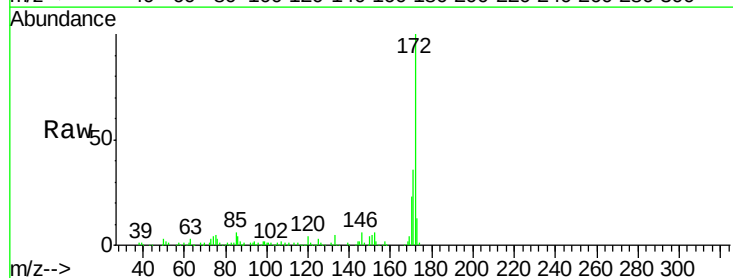
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-D

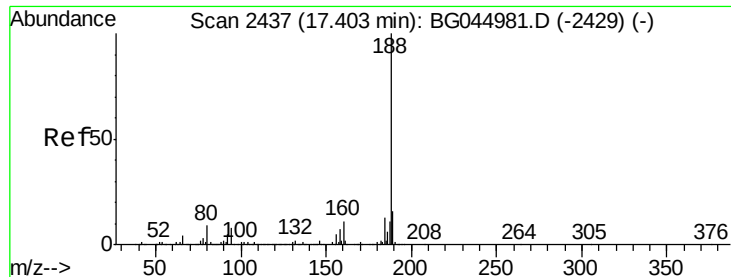
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.1	118.7
141	32.4	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 11.69 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG045150.D
 Acq: 23 Apr 2020 20:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	46.0
170	23.4	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

Instrument :

BNA_G

ClientSampleId :

TP-5-D

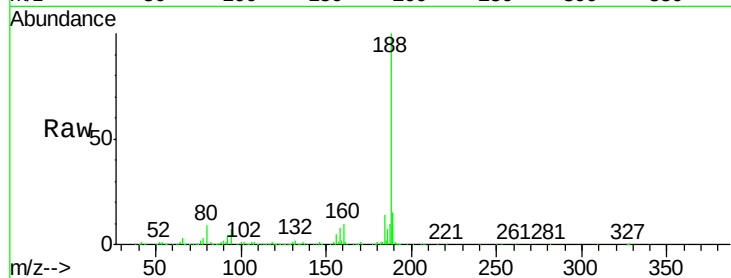
Tgt Ion:188 Resp: 596043

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

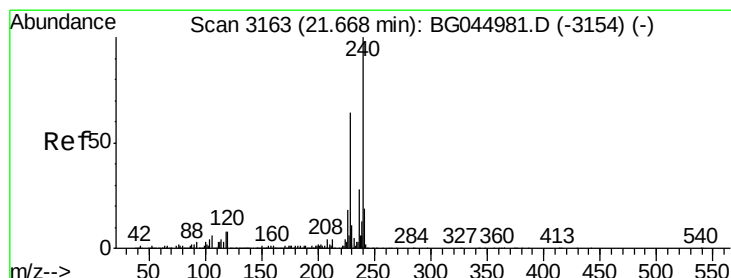
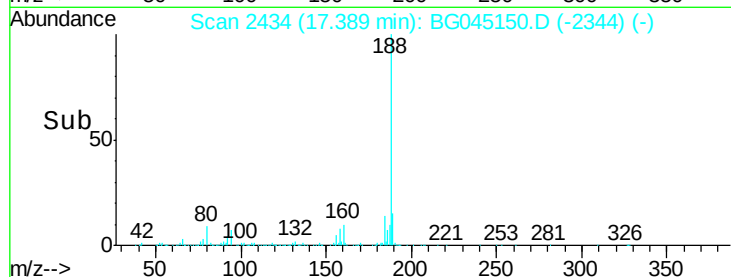
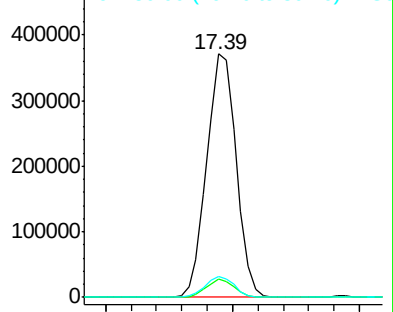
80 8.5 7.0 10.6



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. -0.00 min

Lab File: BG045150.D

Acq: 23 Apr 2020 20:29

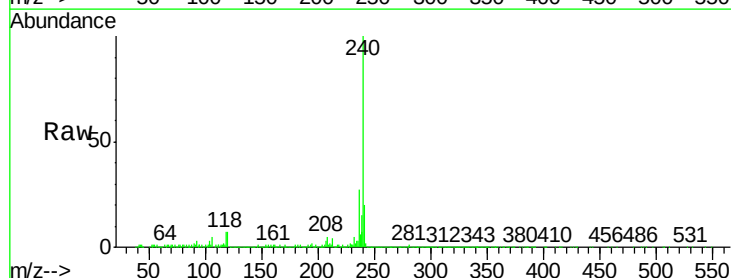
Tgt Ion:240 Resp: 484216

Ion Ratio Lower Upper

240 100

120 7.2 6.6 10.0

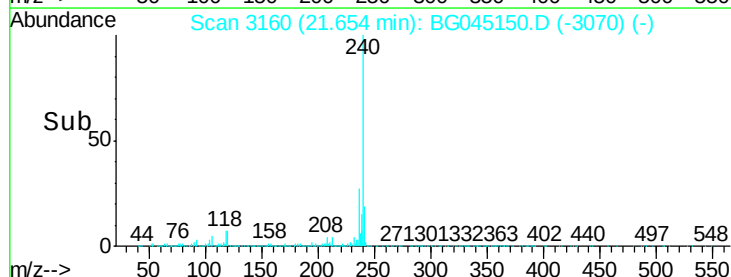
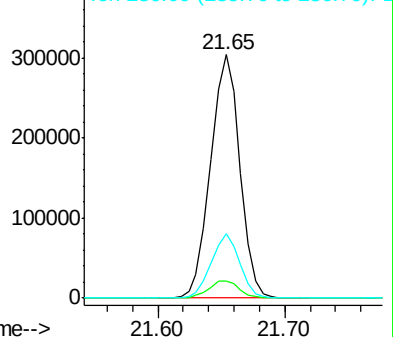
236 26.7 22.2 33.2

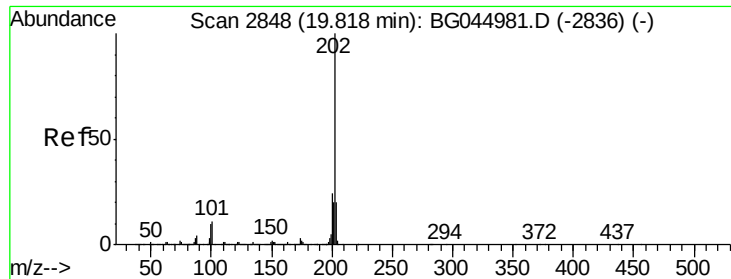


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

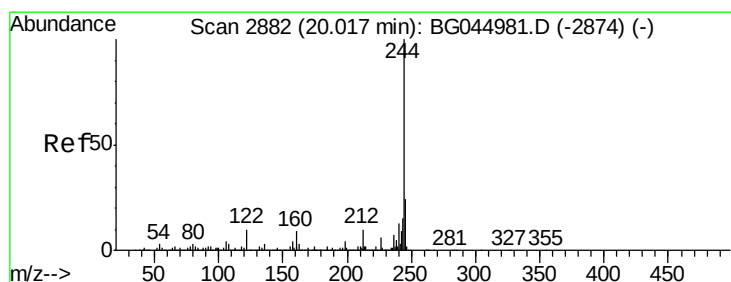
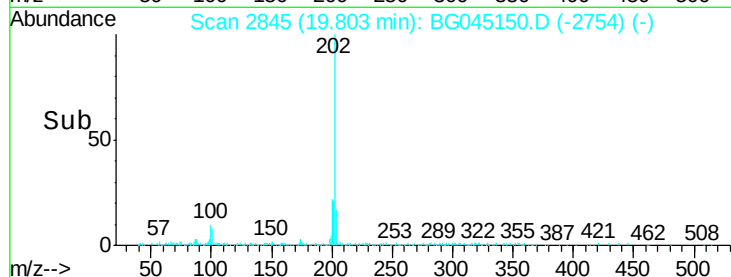
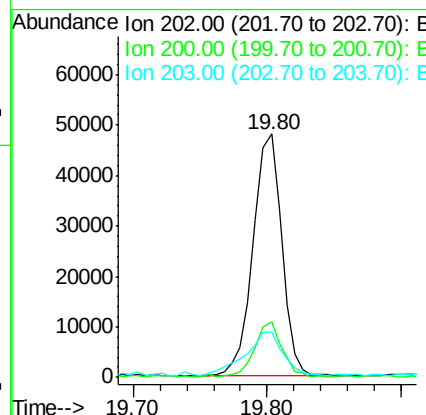
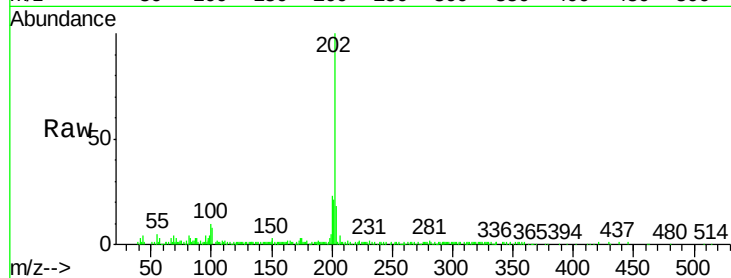




#78
 Pyrene
 Concen: 2.15 ng
 RT: 19.80 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG045150.D
 Acq: 23 Apr 2020 20:29

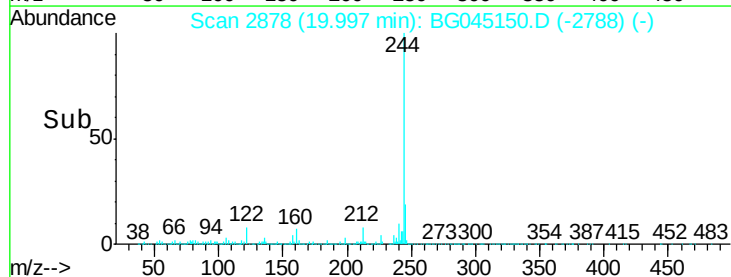
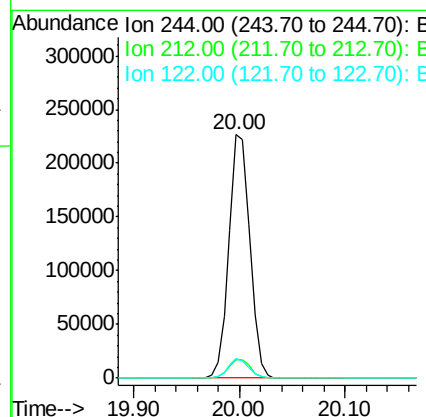
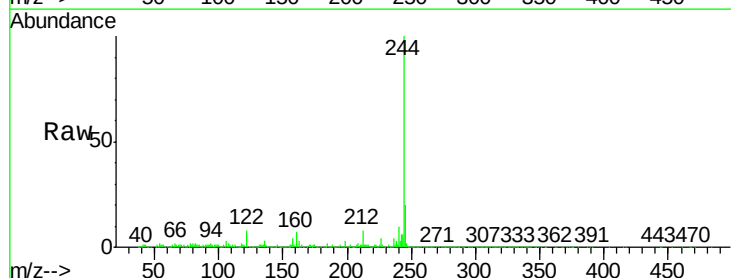
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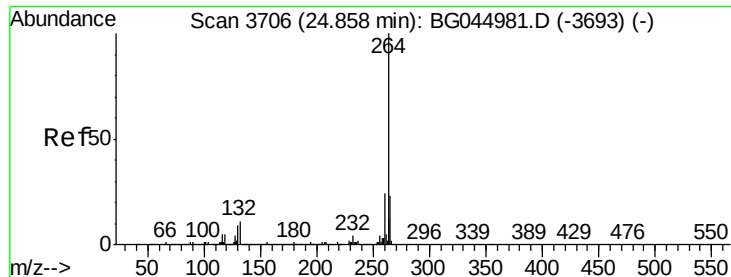
Tgt Ion:202 Resp: 71613
 Ion Ratio Lower Upper
 202 100
 200 22.8 19.0 28.6
 203 18.3 16.1 24.1



#79
 Terphenyl-d14
 Concen: 14.04 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG045150.D
 Acq: 23 Apr 2020 20:29

Tgt Ion:244 Resp: 312008
 Ion Ratio Lower Upper
 244 100
 212 7.7 7.9 11.9#
 122 7.8 7.7 11.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3702
Delta R.T. 0.00 min
Lab File: BG045150.D
Acq: 23 Apr 2020 20:29

Instrument :
BNA_G
ClientSampleId :
TP-5-D

Tgt Ion:	264	Resp:	532130
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	23.9	19.0	28.4

