

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045933.D
 Acq On : 3 Jul 2020 4:47
 Operator : CG/JU
 Sample : L3188-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-070120

Quant Time: Jul 04 00:20:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	47481	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	180071	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	127100	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	300002	20.00	ng	0.00
76) Chrysene-d12	21.51	240	331498	20.00	ng	-0.01
86) Perylene-d12	24.59	264	332794	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	342942	122.01	ng	-0.01
7) Phenol-d6	7.06	99	454576	106.32	ng	-0.01
23) Nitrobenzene-d5	9.01	82	387793	98.38	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	263333	137.23	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	862811	99.76	ng	0.00
79) Terphenyl-d14	19.88	244	1717846	105.02	ng	0.00

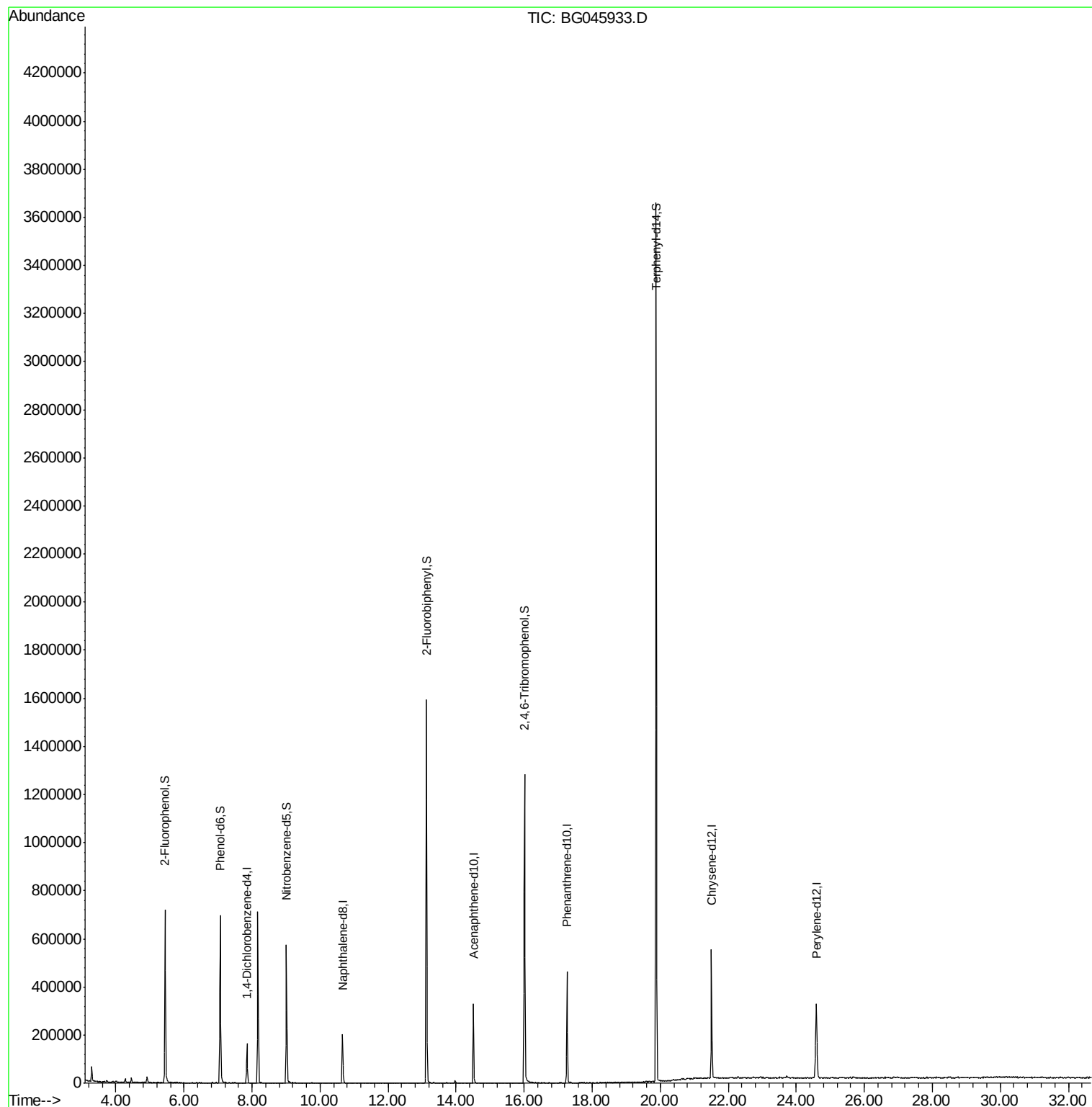
Target Compounds Qvalue

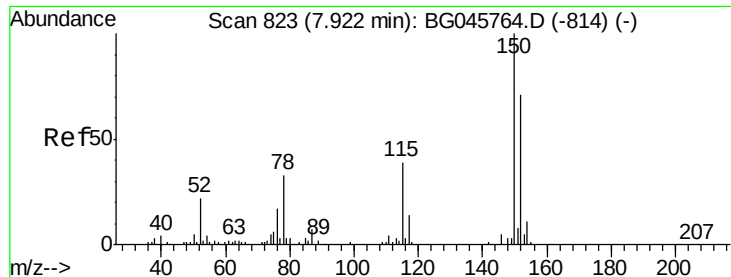
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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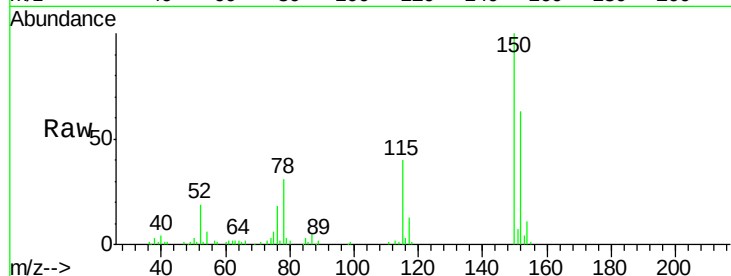


#1

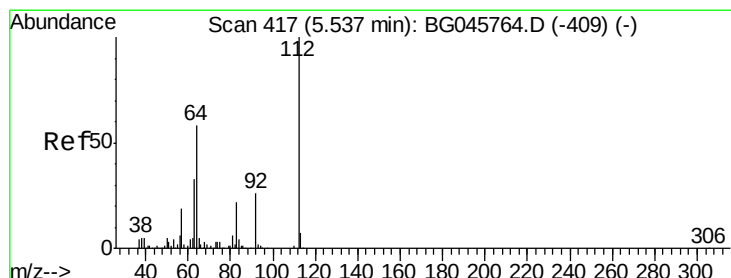
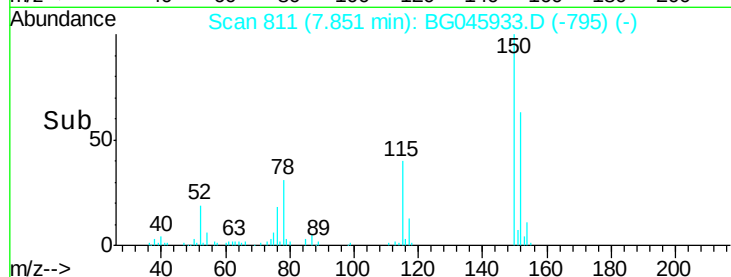
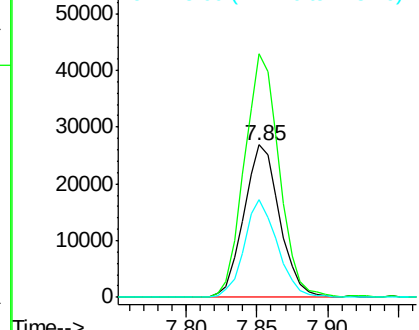
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045933.D
Acq: 3 Jul 2020 4:47

Instrument :
BNA_G
ClientSampleId :
TR-04-070120

Tot Ion	152	Resp	47481
Ion Ratio	Lower	Upper	
152	100		
150	159.7	124.5	186.7
115	63.8	45.8	68.8



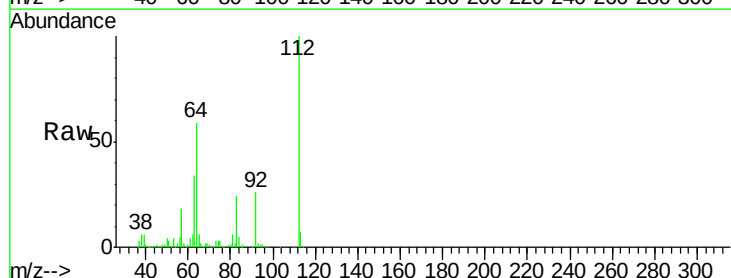
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



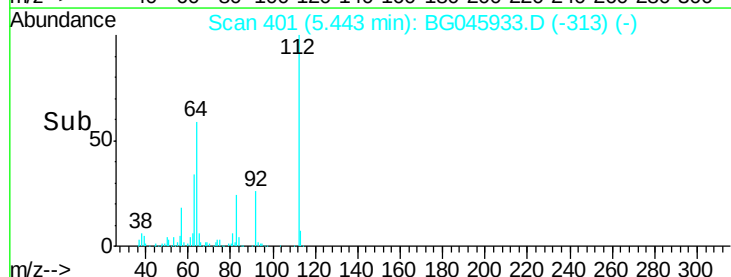
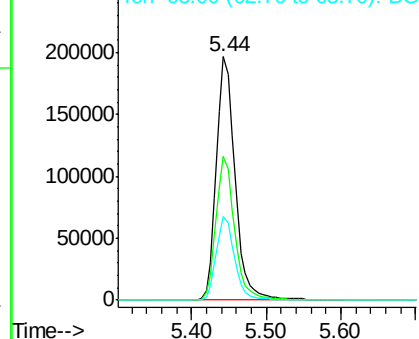
#5

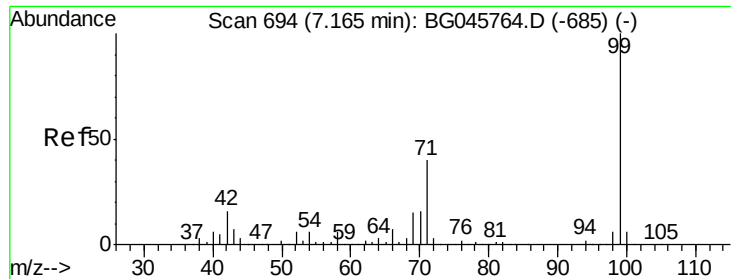
2-Fluorophenol
Concen: 122.009 ng
RT: 5.44 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045933.D
Acq: 3 Jul 2020 4:47

Tgt Ion	112	Resp	342942
Ion Ratio	Lower	Upper	
112	100		
64	58.8	44.9	67.3
63	34.4	26.9	40.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.322 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045933.D

Acq: 3 Jul 2020 4:47

Instrument :

BNA_G

ClientSampleId :

TR-04-070120

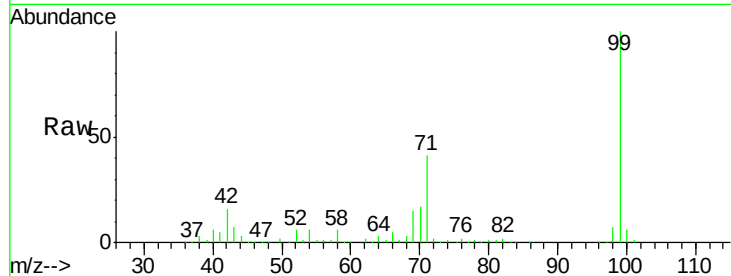
Tot Ion: 99 Resp: 454576

Ion Ratio Lower Upper

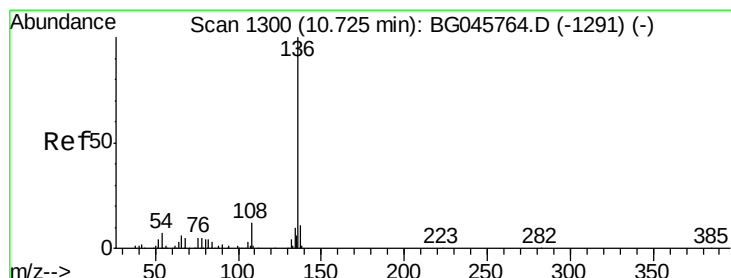
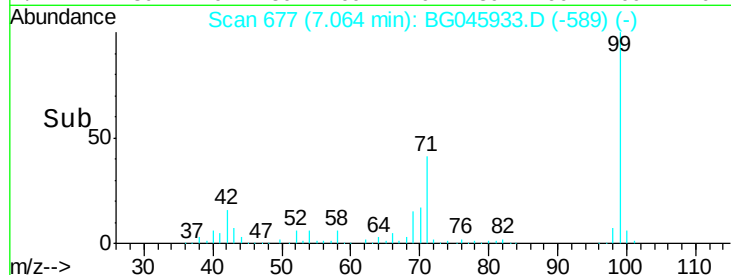
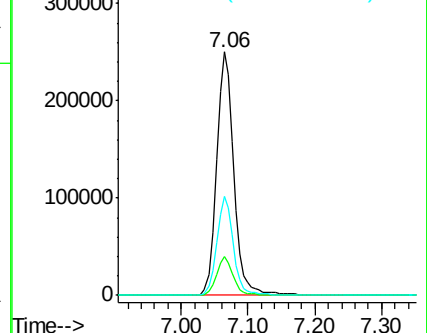
99 100

42 15.8 11.8 17.8

71 40.9 31.0 46.6



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: 10.66 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG045933.D

Acq: 3 Jul 2020 4:47

Tgt Ion: 136 Resp: 180071

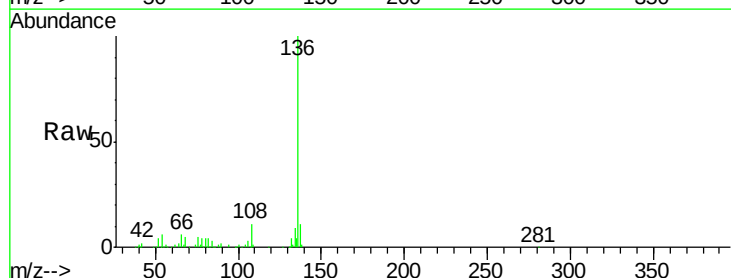
Ion Ratio Lower Upper

136 100

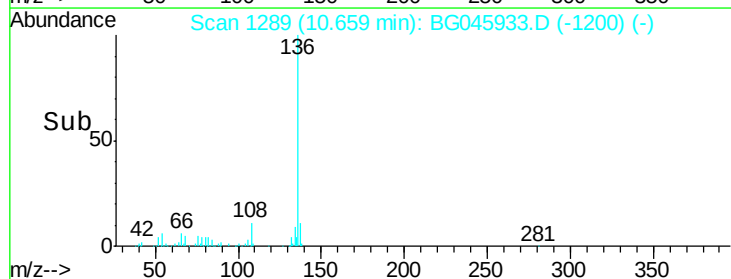
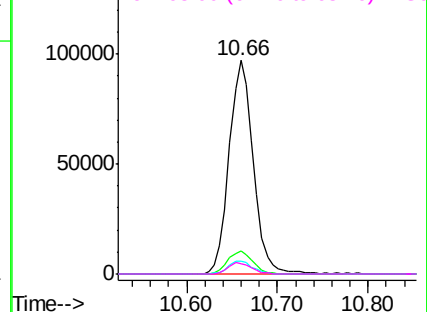
137 10.8 8.2 12.4

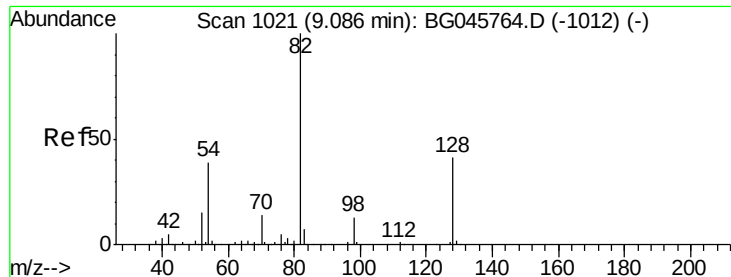
54 6.0 4.6 7.0

68 4.8 5.0 7.4#



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

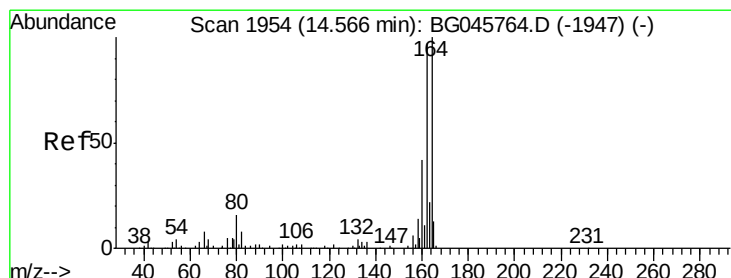
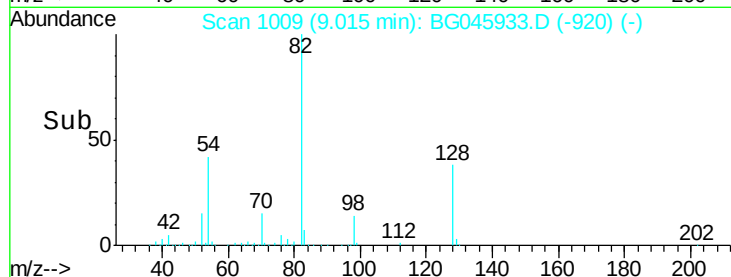
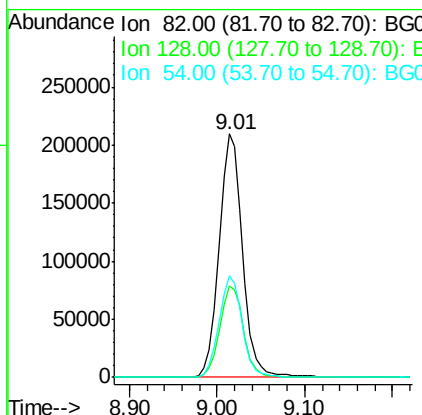
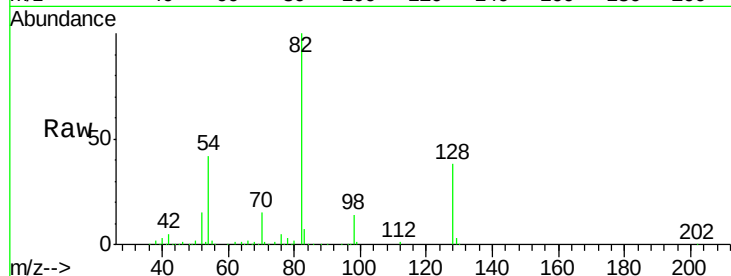




#23
 Nitrobenzene-d5
 Concen: 98.382 ng
 RT: 9.01 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG045933.D
 Acq: 3 Jul 2020 4:47

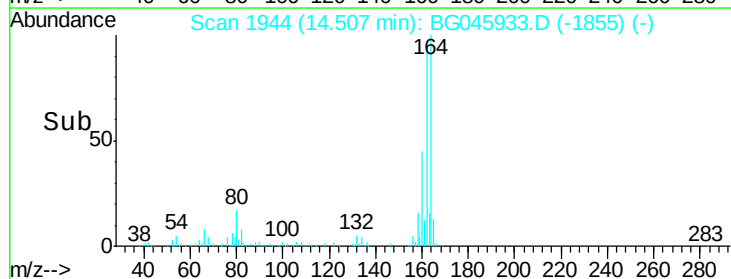
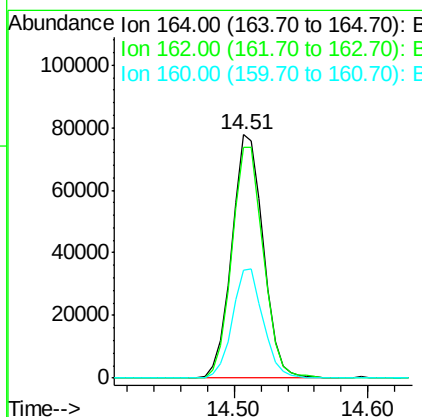
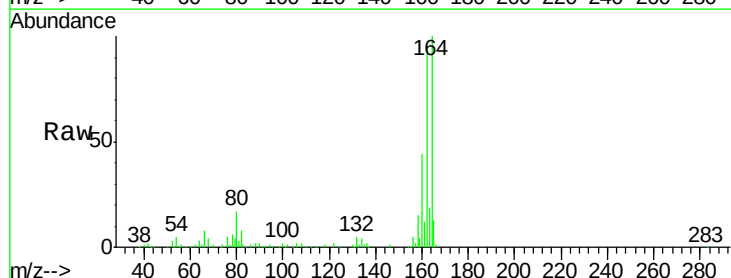
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-070120

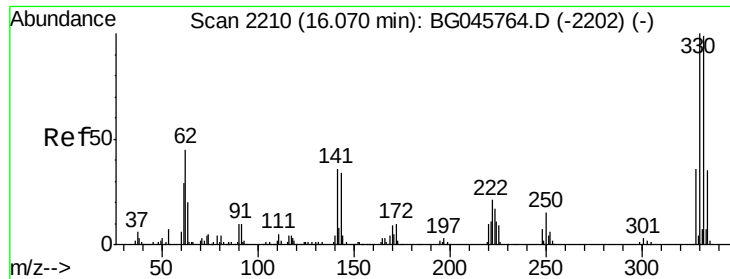
Tot Ion	82	Resp	387793
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.9	44.9
54	41.8	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG045933.D
 Acq: 3 Jul 2020 4:47

Tgt Ion	164	Resp	127100
Ion Ratio	Lower	Upper	
164	100		
162	94.8	78.8	118.2
160	44.4	33.8	50.6

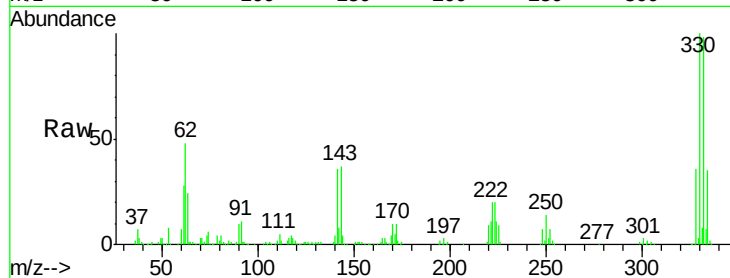




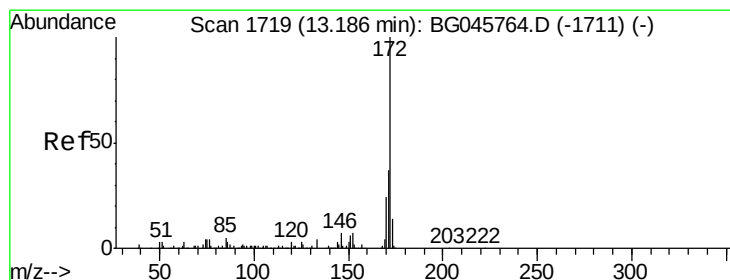
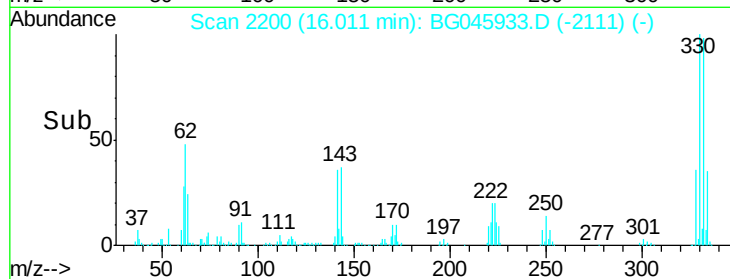
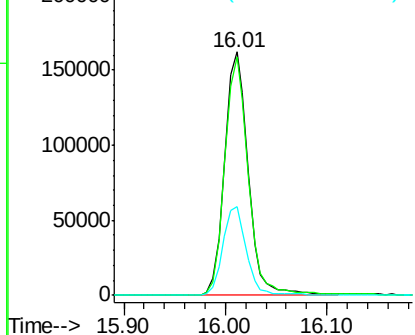
#42
 2,4,6-Tribromophenol
 Concen: 137.233 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG045933.D
 Acq: 3 Jul 2020 4:47

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-070120

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.4	119.0
141	36.5	28.2	42.2

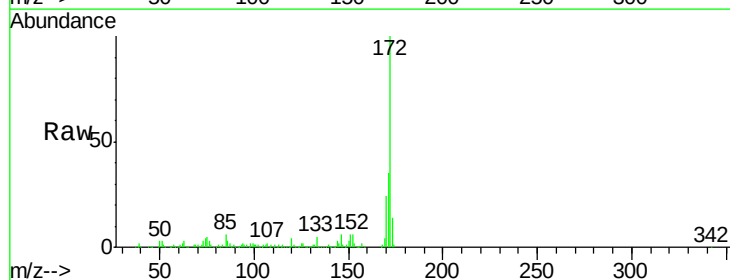


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

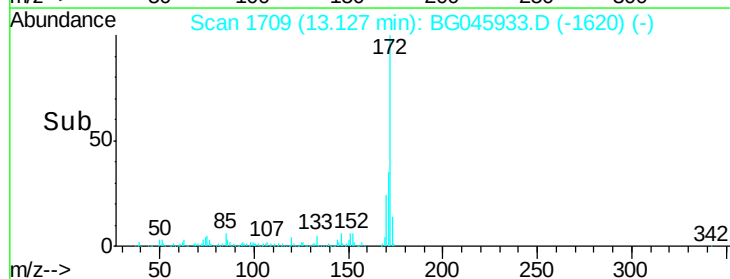
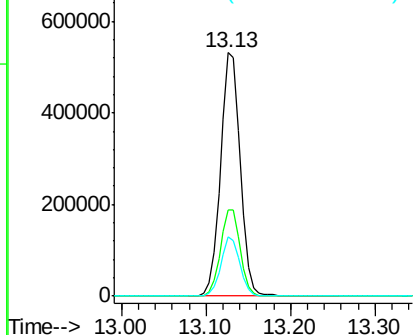


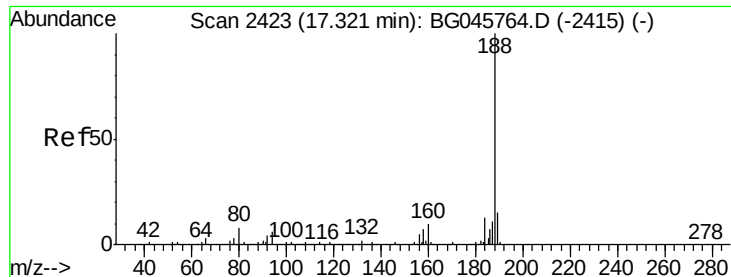
#45
 2-Fluorobiphenyl
 Concen: 99.760 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045933.D
 Acq: 3 Jul 2020 4:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.2	18.9	28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

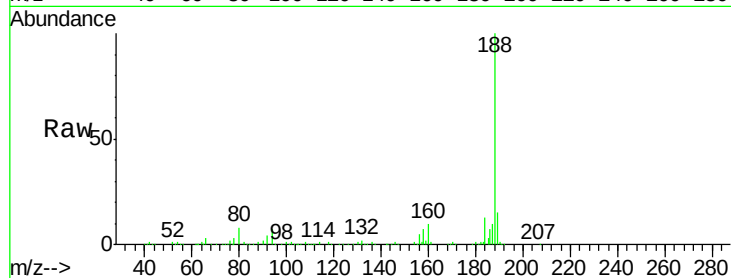




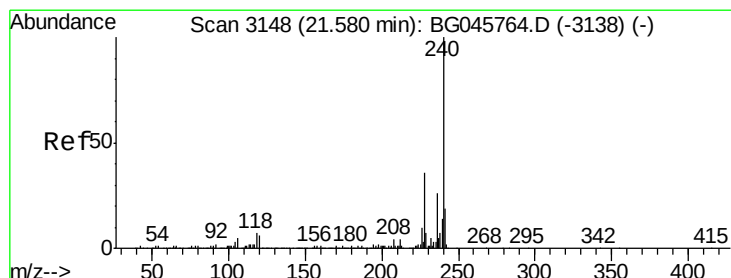
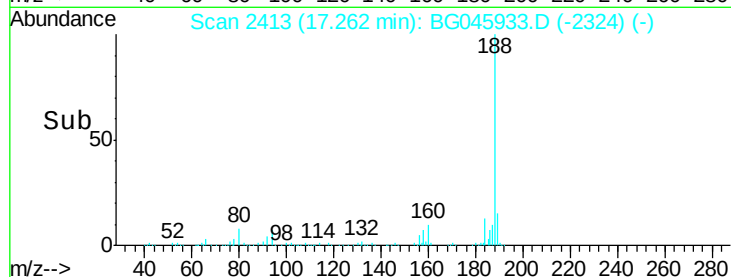
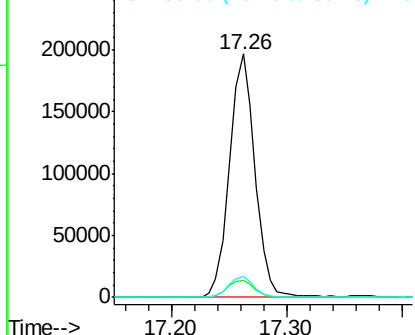
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG045933.D
Acq: 3 Jul 2020 4:47

Instrument :
BNA_G
ClientSampleId :
TR-04-070120

Tot Ion:188 Resp: 300002
Ion Ratio Lower Upper
188 100
94 7.2 5.5 8.3
80 8.5 6.1 9.1

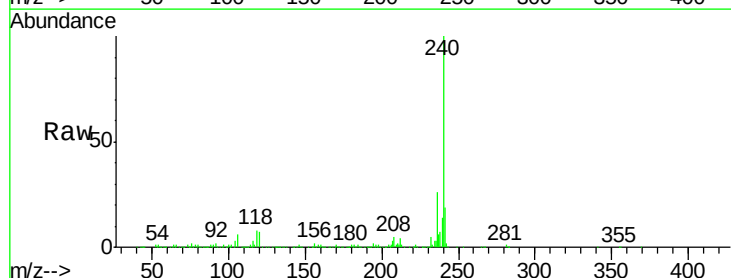


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

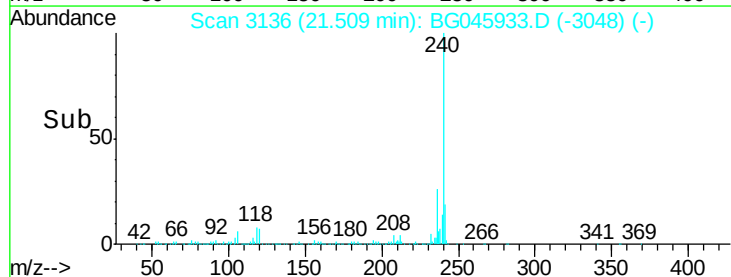
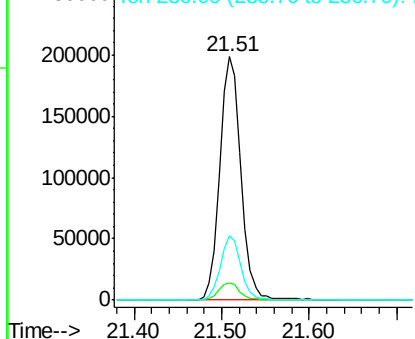


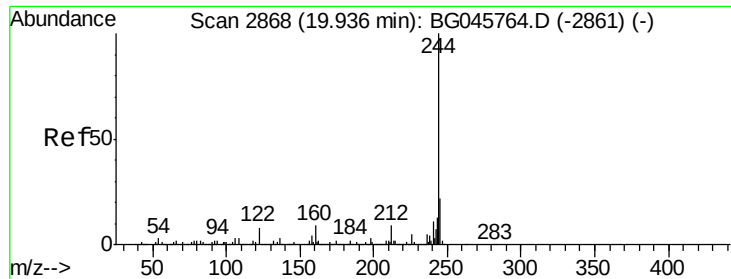
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045933.D
Acq: 3 Jul 2020 4:47

Tgt Ion:240 Resp: 331498
Ion Ratio Lower Upper
240 100
120 7.1 5.2 7.8
236 26.2 20.8 31.2



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: 105.020 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG045933.D

Acq: 3 Jul 2020 4:47

Instrument :

BNA_G

ClientSampleId :

TR-04-070120

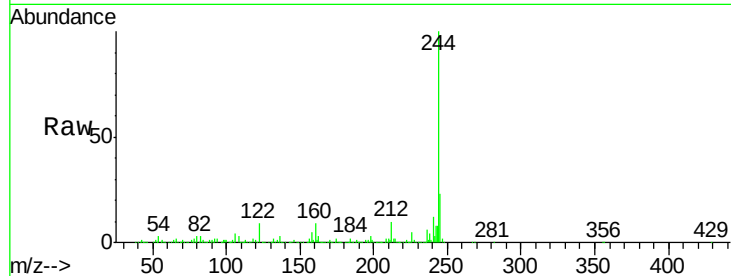
Tot Ion:244 Resp: 1717846

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

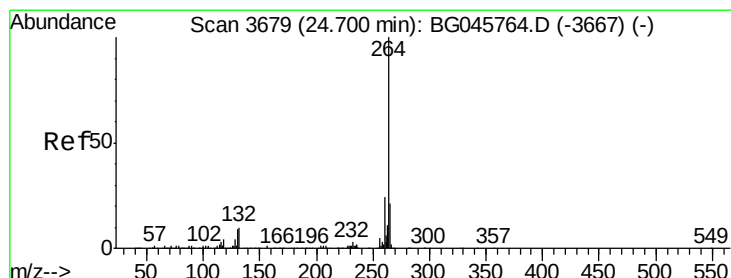
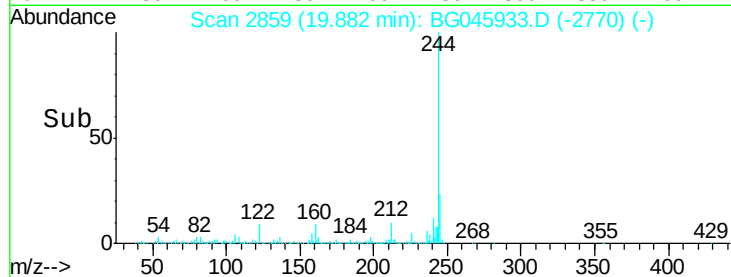
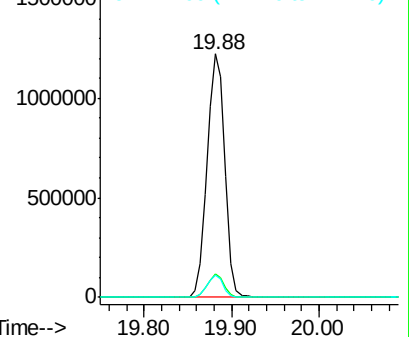
122 9.0 6.6 9.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BG045933.D

Acq: 3 Jul 2020 4:47

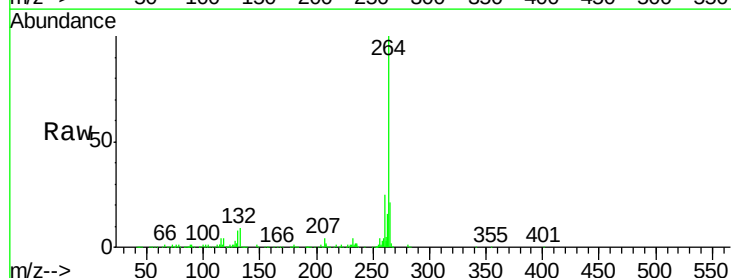
Tgt Ion:264 Resp: 332794

Ion Ratio Lower Upper

264 100

260 25.3 18.5 27.7

265 20.8 16.4 24.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

