

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045932.D
 Acq On : 3 Jul 2020 4:07
 Operator : CG/JU
 Sample : PB129945TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129945TB

Quant Time: Jul 04 00:18:28 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	46833	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	180321	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	127055	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	300403	20.00	ng	0.00
76) Chrysene-d12	21.51	240	329037	20.00	ng	-0.01
86) Perylene-d12	24.59	264	329694	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	393699	142.00	ng	-0.01
7) Phenol-d6	7.07	99	550807	130.61	ng	-0.01
23) Nitrobenzene-d5	9.02	82	388696	98.47	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	252997	131.89	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	865649	100.12	ng	0.00
79) Terphenyl-d14	19.88	244	1654057	101.88	ng	0.00

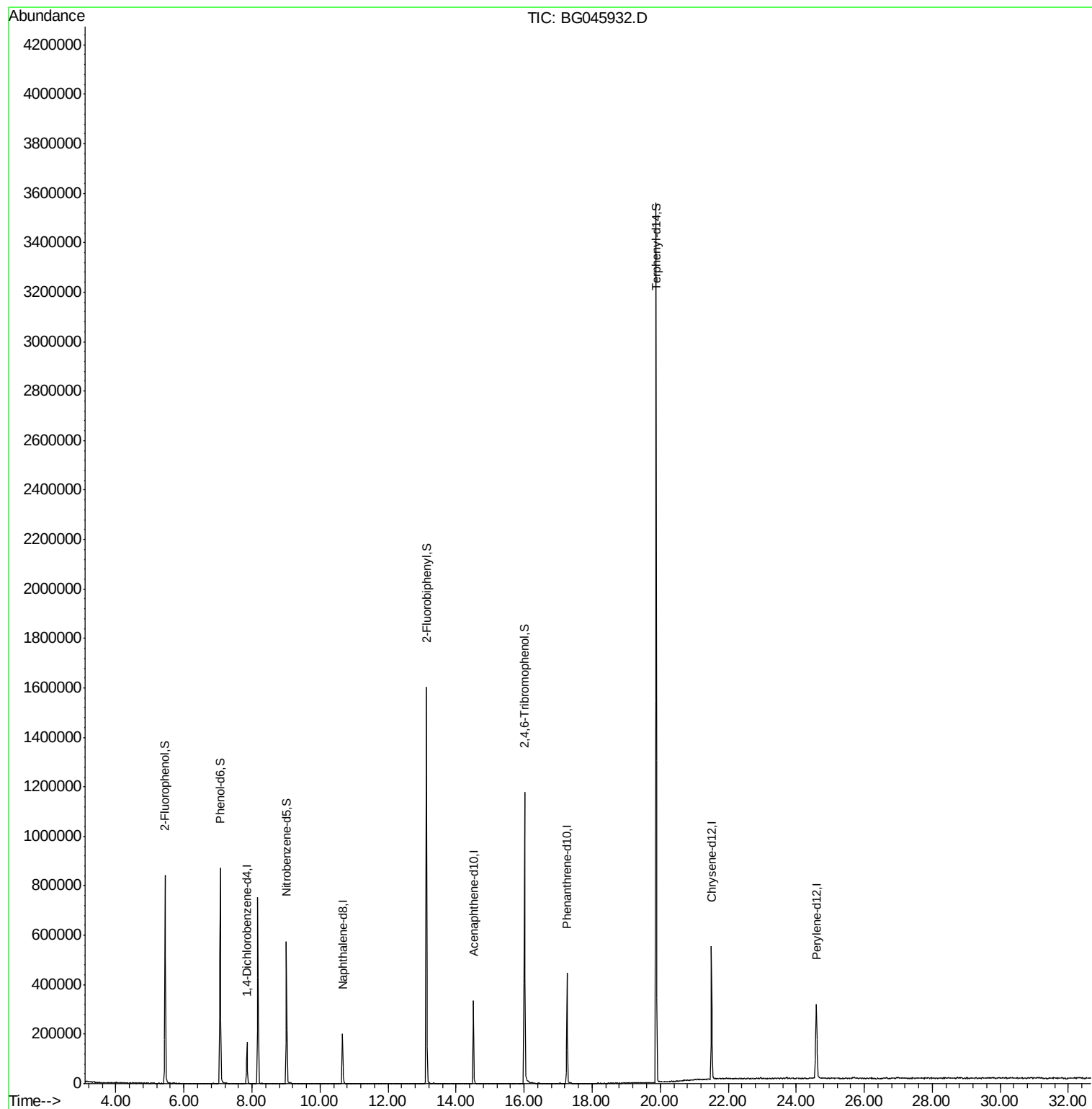
Target Compounds Qvalue

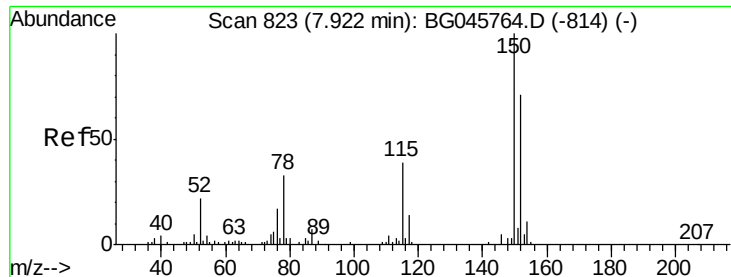
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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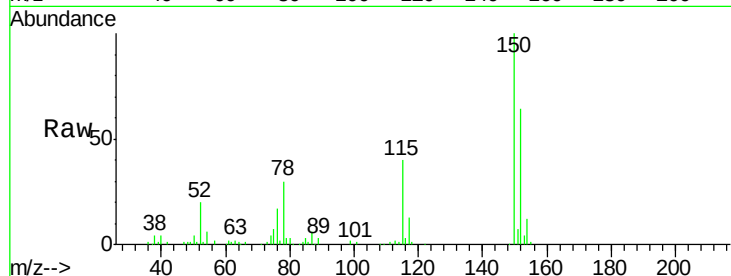


#1

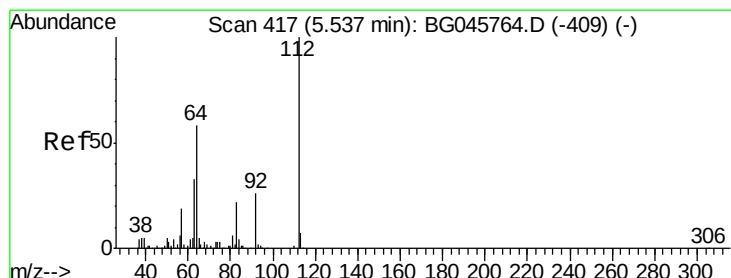
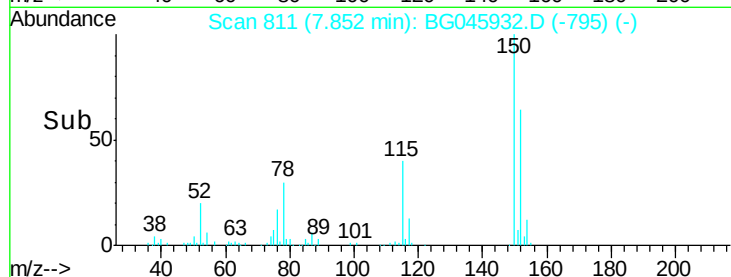
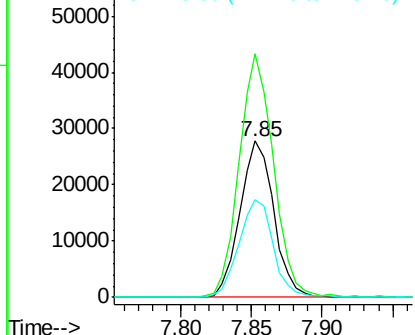
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Instrument :
BNA_G
ClientSampleId :
PB129945TB

Tot Ion:152 Resp: 46833
Ion Ratio Lower Upper
152 100
150 155.8 124.5 186.7
115 62.7 45.8 68.8



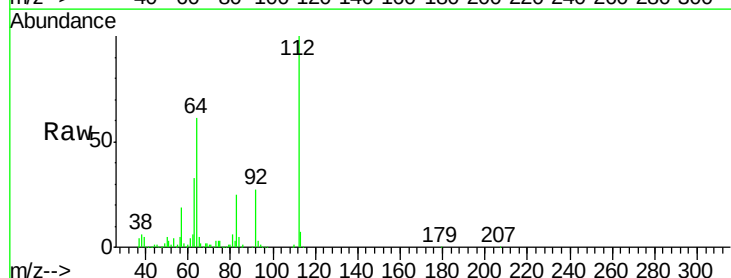
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



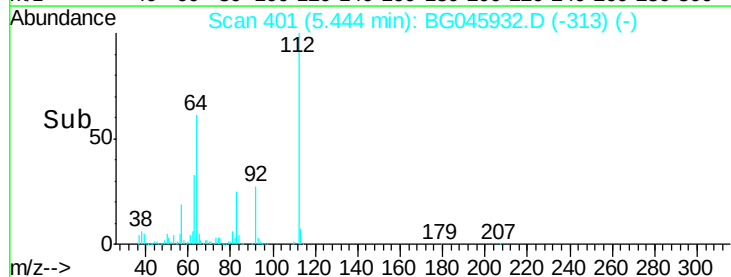
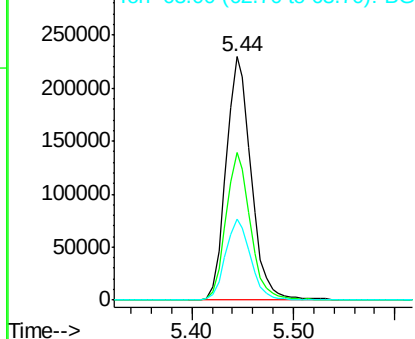
#5

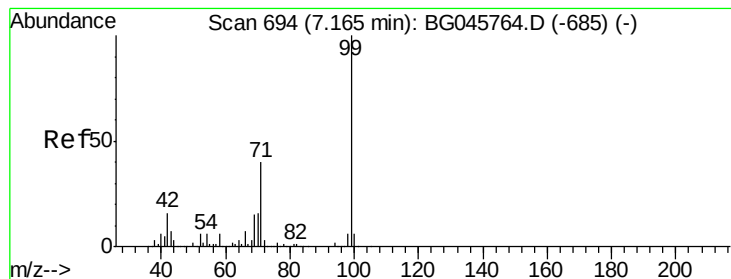
2-Fluorophenol
Concen: 142.005 ng
RT: 5.44 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Tgt Ion:112 Resp: 393699
Ion Ratio Lower Upper
112 100
64 60.8 44.9 67.3
63 33.3 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: 130.612 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Instrument :

BNA_G

ClientSampleId :

PB129945TB

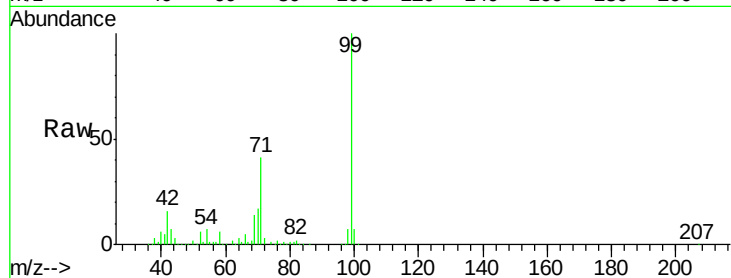
Tot Ion: 99 Resp: 550807

Ion Ratio Lower Upper

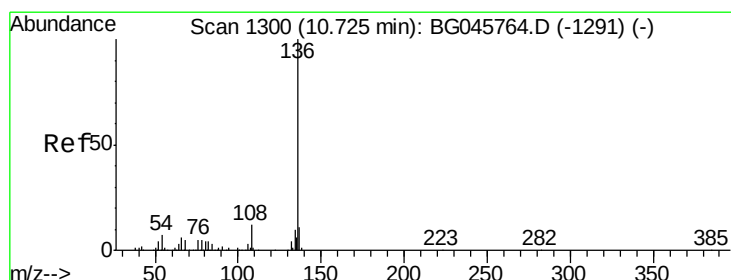
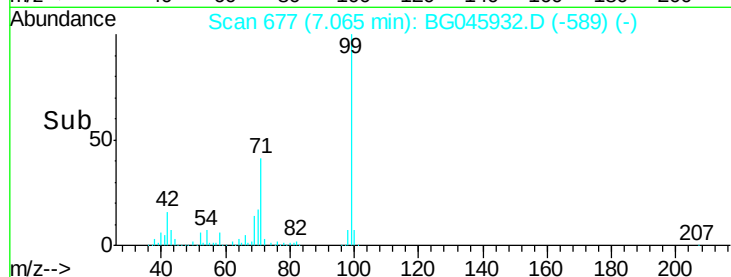
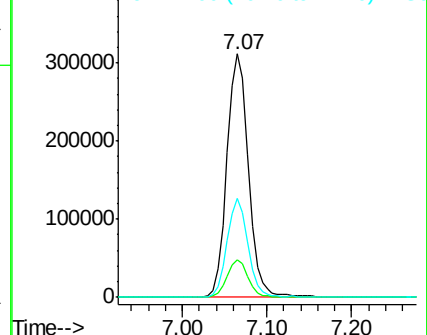
99 100

42 15.6 11.8 17.8

71 40.6 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. -0.00 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Tgt Ion: 136 Resp: 180321

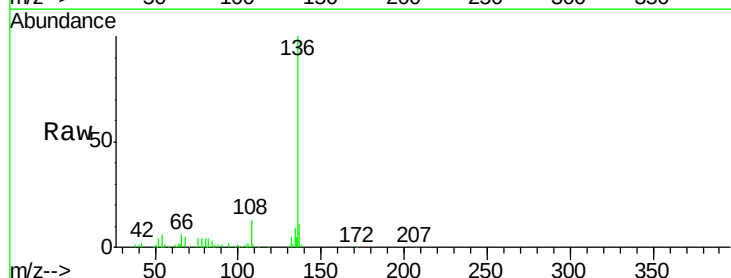
Ion Ratio Lower Upper

136 100

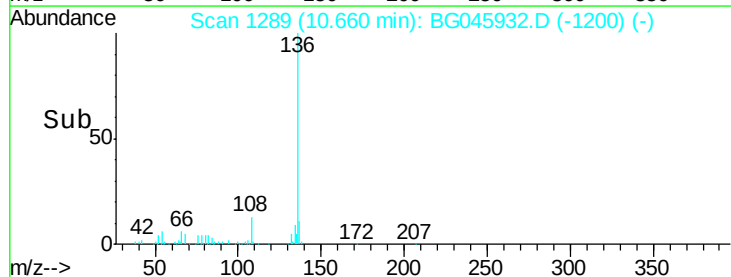
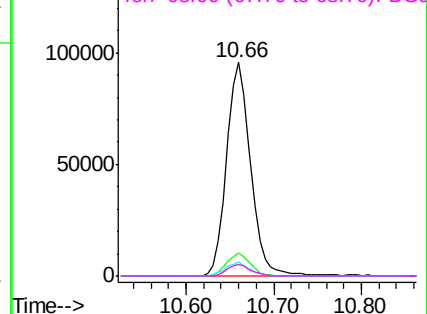
137 10.8 8.2 12.4

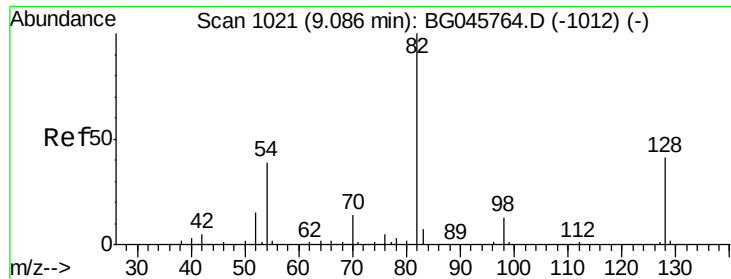
54 6.3 4.6 7.0

68 5.5 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

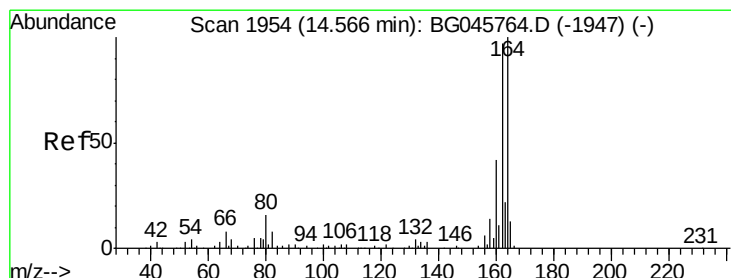
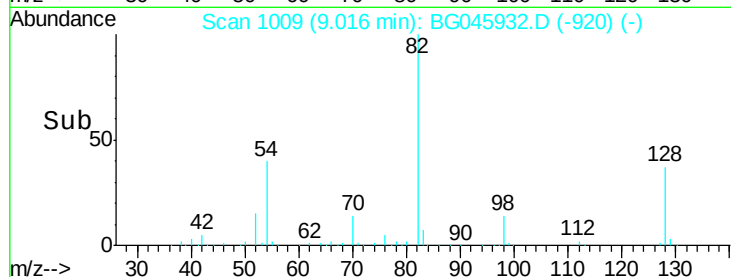
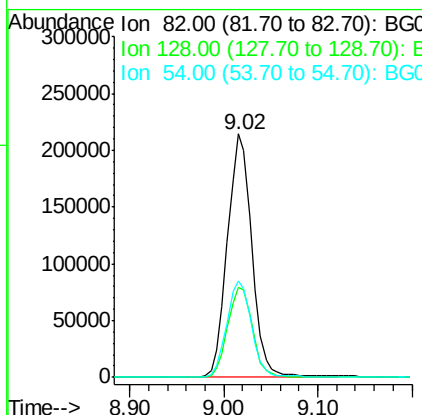
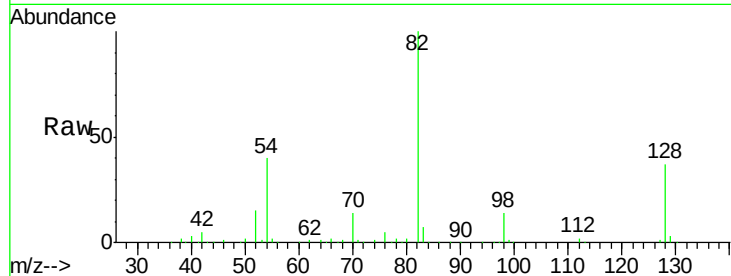




#23
Nitrobenzene-d5
Concen: 98.474 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

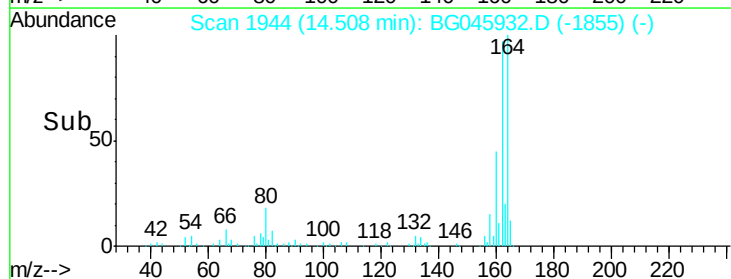
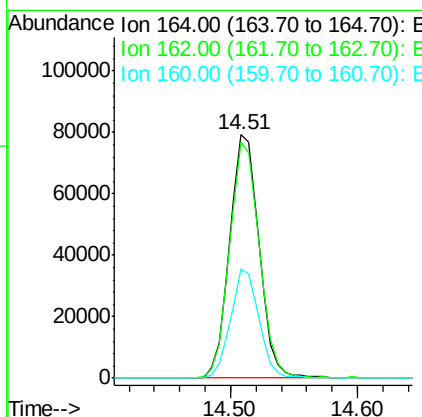
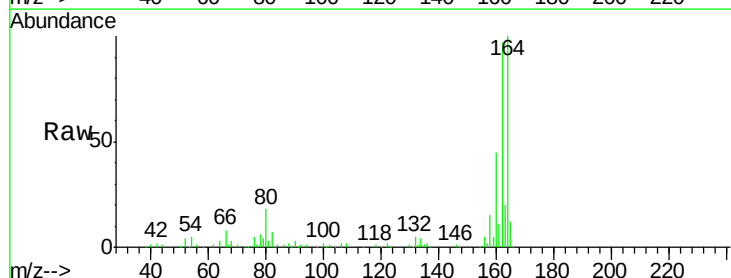
Instrument :
BNA_G
ClientSampleId :
PB129945TB

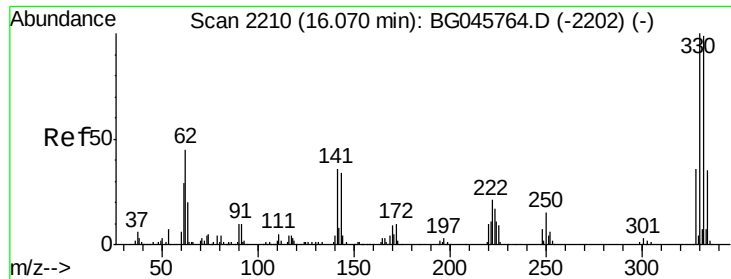
Tot Ion: 82 Resp: 388696
Ion Ratio Lower Upper
82 100
128 37.2 29.9 44.9
54 39.6 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Tgt Ion: 164 Resp: 127055
Ion Ratio Lower Upper
164 100
162 97.2 78.8 118.2
160 45.1 33.8 50.6





#42

2,4,6-Tribromophenol

Concen: 131.893 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Instrument :

BNA_G

ClientSampleId :

PB129945TB

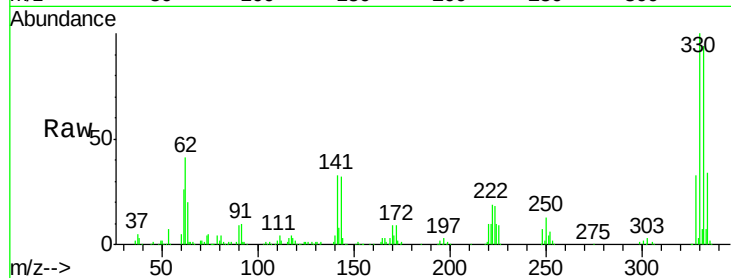
Tot Ion:330 Resp: 252997

Ion Ratio Lower Upper

330 100

332 97.9 79.4 119.0

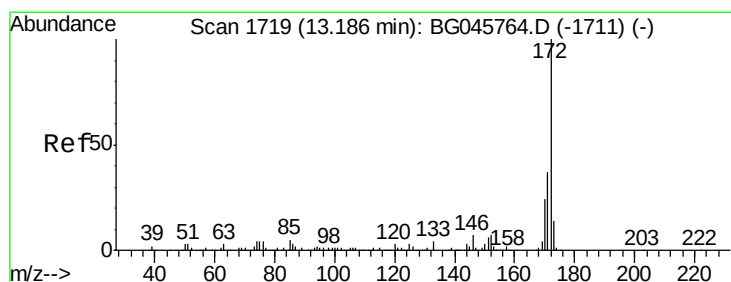
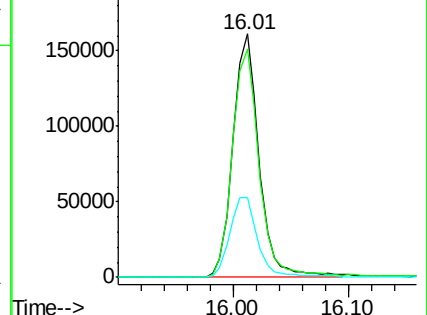
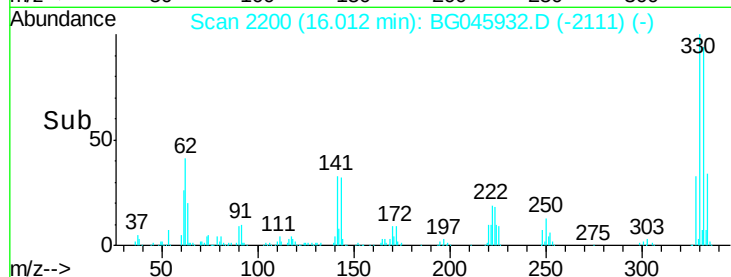
141 34.6 28.2 42.2



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: 100.124 ng

RT: 13.13 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

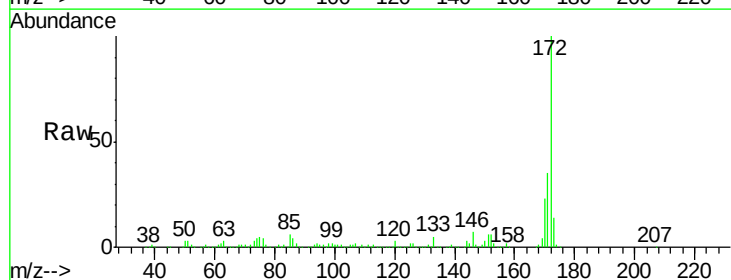
Tgt Ion:172 Resp: 865649

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

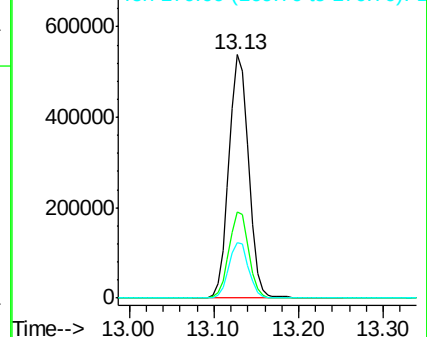
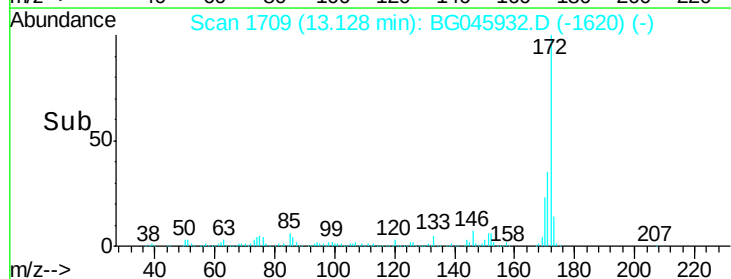
170 22.8 18.9 28.3

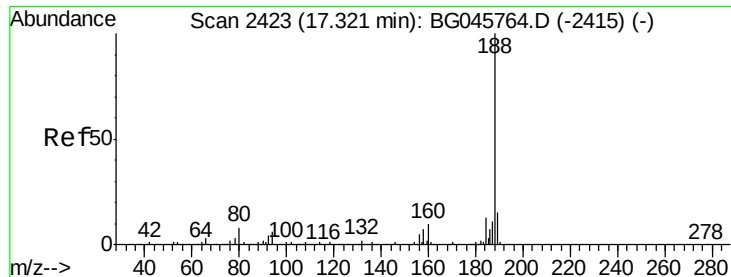


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

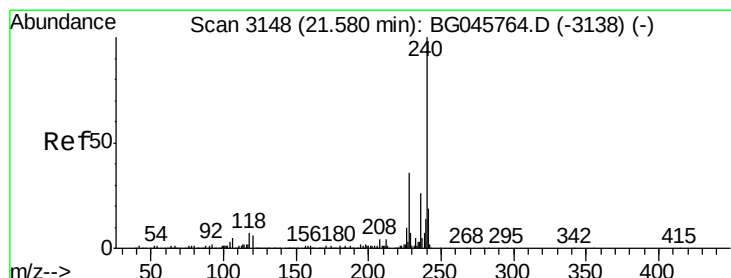
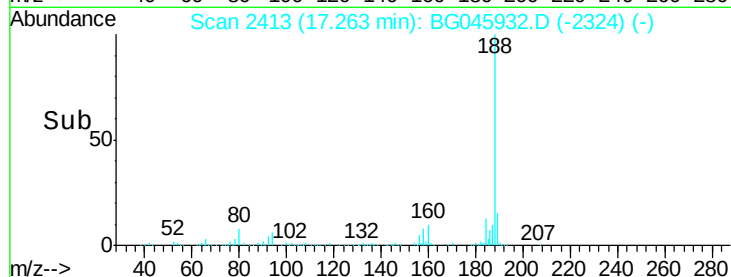
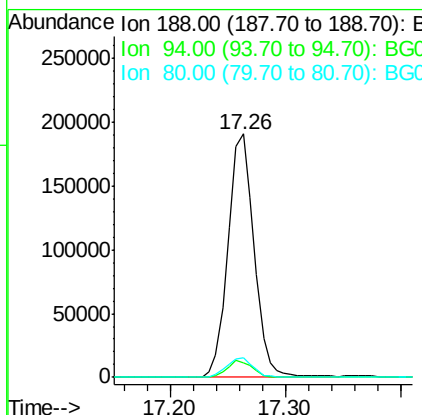
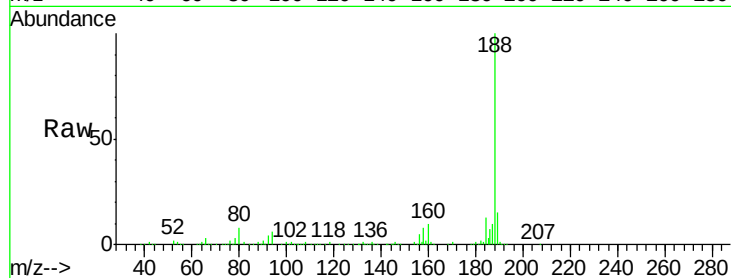




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

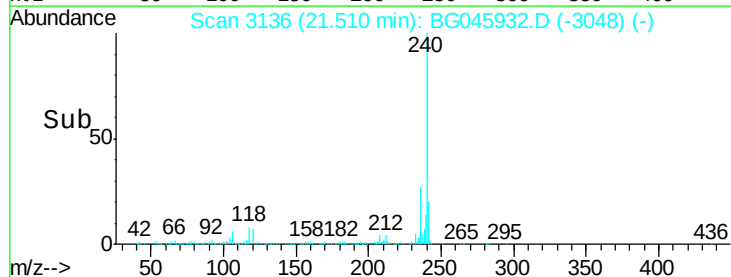
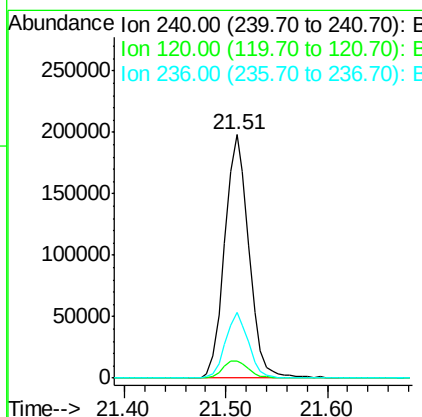
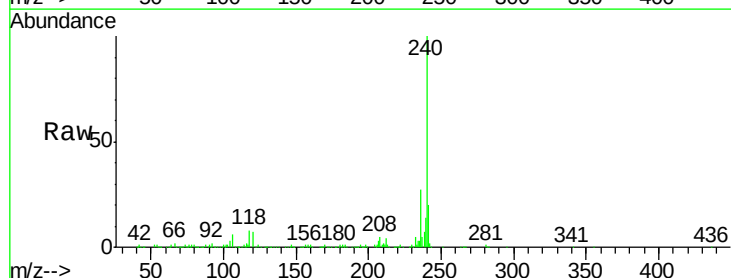
Instrument :
BNA_G
ClientSampleId :
PB129945TB

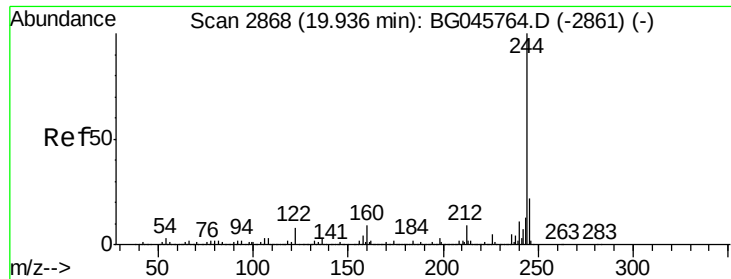
Tot Ion:188 Resp: 300403
Ion Ratio Lower Upper
188 100
94 6.1 5.5 8.3
80 8.2 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045932.D
Acq: 3 Jul 2020 4:07

Tgt Ion:240 Resp: 329037
Ion Ratio Lower Upper
240 100
120 7.2 5.2 7.8
236 27.1 20.8 31.2





#79

Terphenyl-d14

Concen: 101.876 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Instrument :

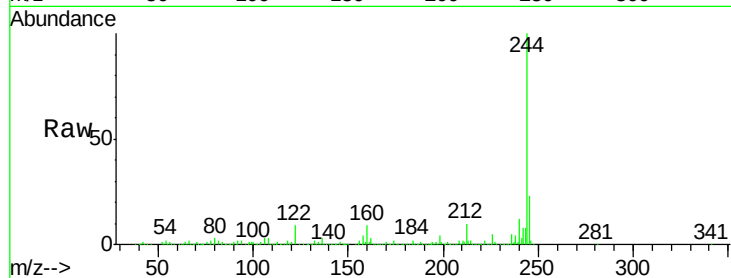
BNA_G

ClientSampleId :

PB129945TB

Tot Ion:244 Resp: 1654057

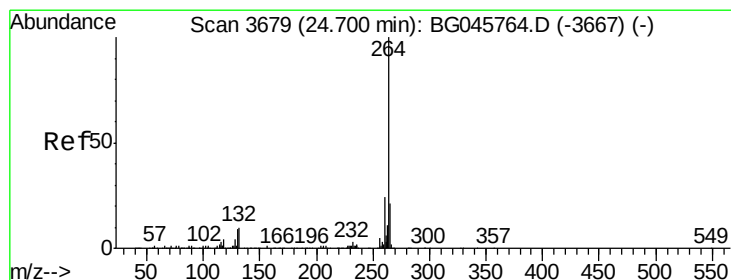
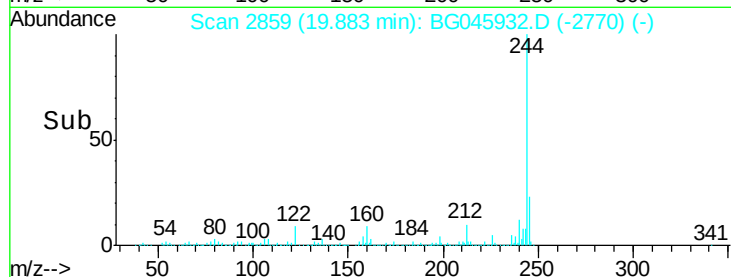
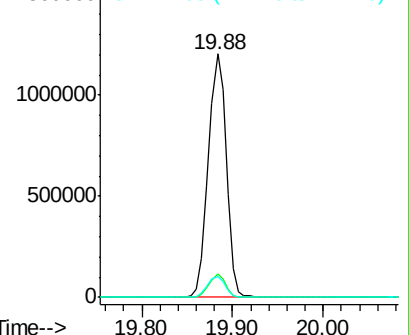
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	8.8	6.6	9.8



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

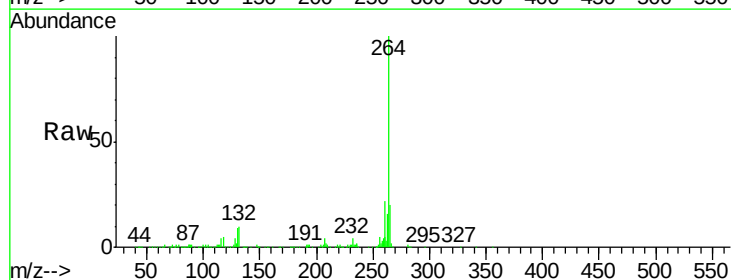
Delta R.T. -0.01 min

Lab File: BG045932.D

Acq: 3 Jul 2020 4:07

Tgt Ion:264 Resp: 329694

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	20.3	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

