

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045581.D
 Acq On : 3 Jun 2020 14:59
 Operator : CG/JU
 Sample : PB129255BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BL

Quant Time: Jun 03 16:06:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	56175	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	224798	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	161470	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	388329	20.00	ng	0.00
76) Chrysene-d12	21.60	240	418392	20.00	ng	0.00
87) Perylene-d12	24.76	264	432930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	402206	139.93	ng	0.00
7) Phenol-d6	7.15	99	561255	137.19	ng	0.00
23) Nitrobenzene-d5	9.11	82	397132	96.34	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	288692	139.80	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	908211	95.41	ng	0.00
79) Terphenyl-d14	19.97	244	1724688	96.14	ng	0.00

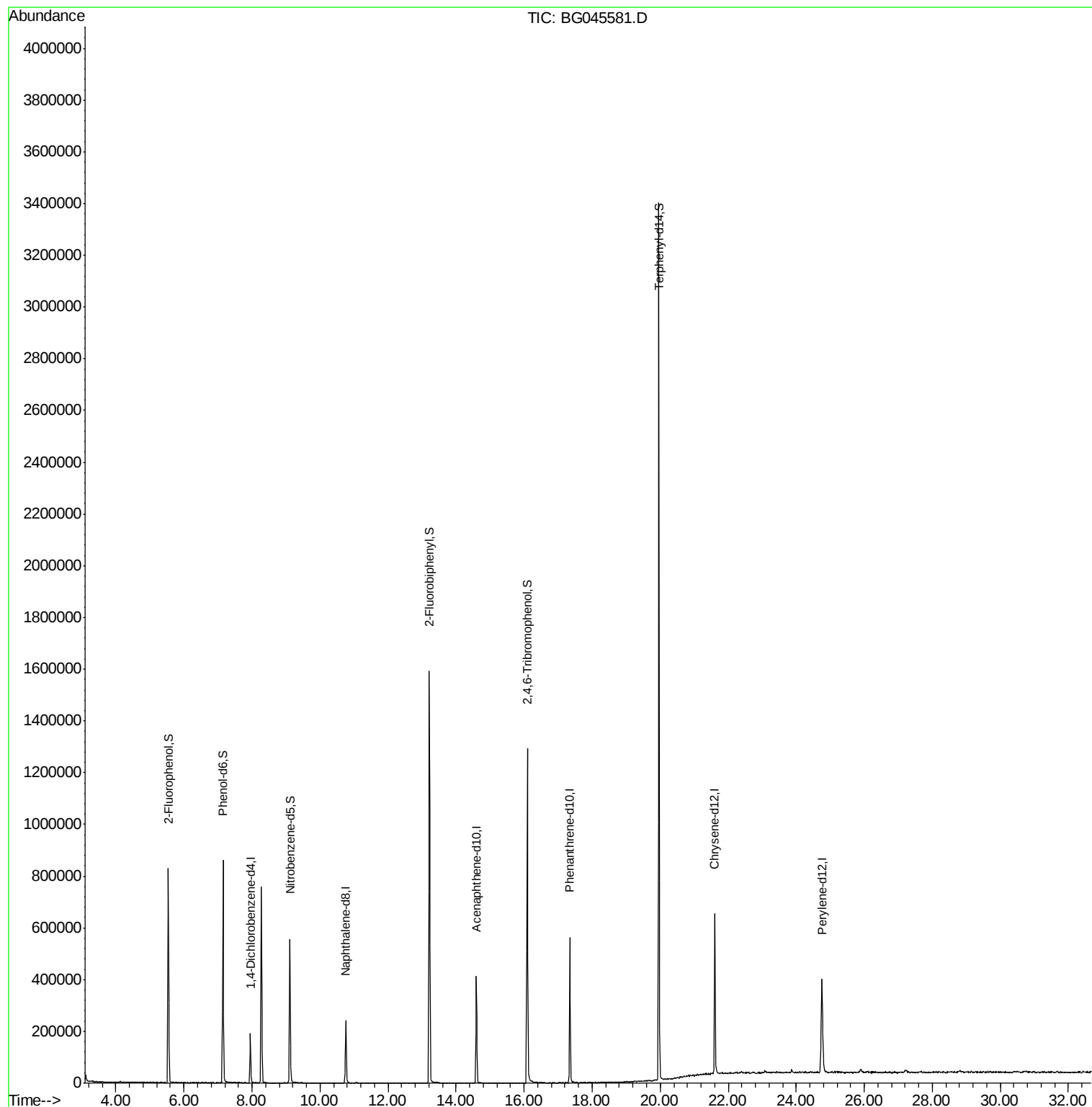
Target Compounds Qvalue

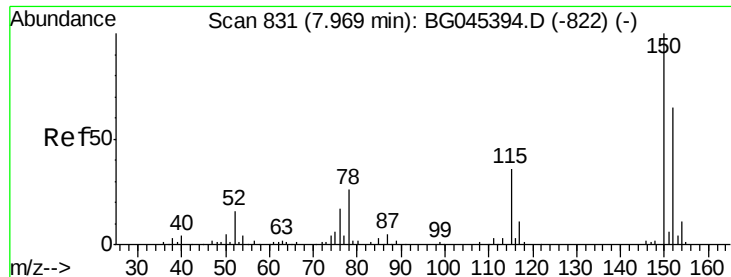
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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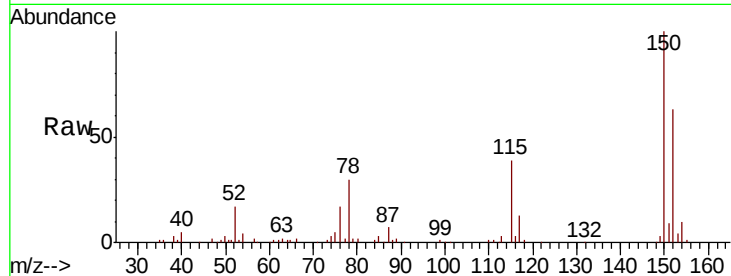


#1

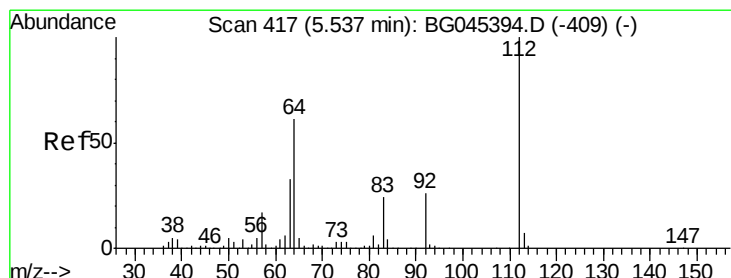
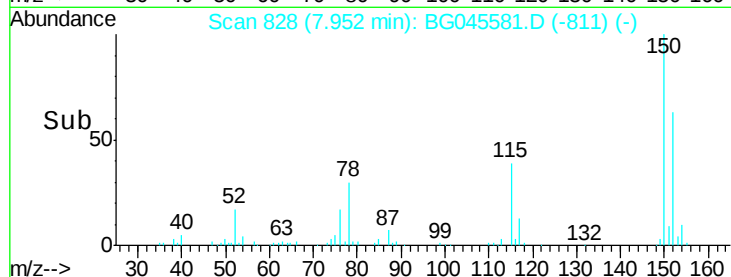
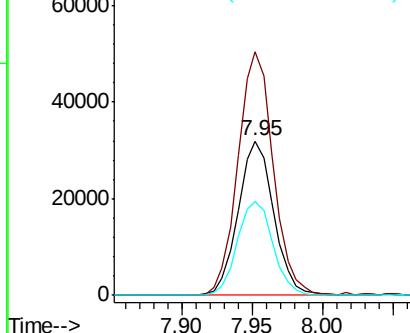
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

Instrument :
BNA_G
ClientSampleId :
PB129255BL

Tot Ion:152 Resp: 56175
Ion Ratio Lower Upper
152 100
150 157.6 122.4 183.6
115 60.8 44.2 66.4



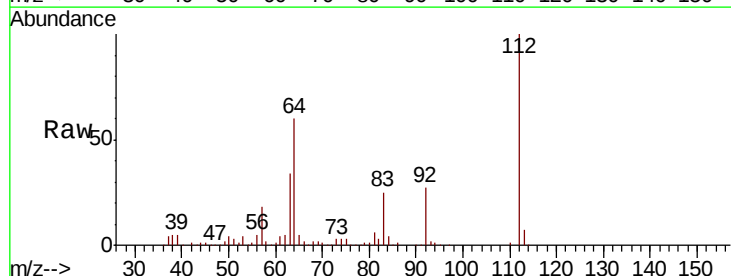
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



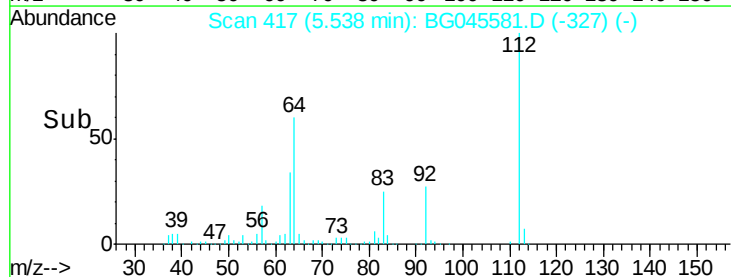
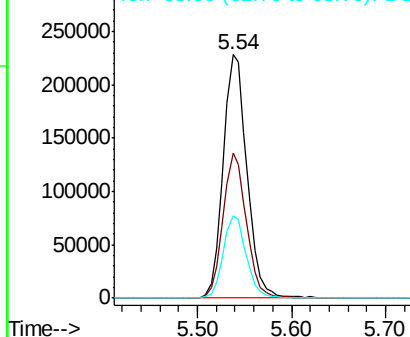
#5

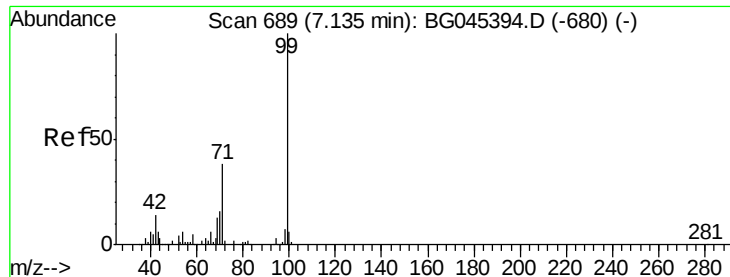
2-Fluorophenol
Concen: 139.925 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

Tgt Ion:112 Resp: 402206
Ion Ratio Lower Upper
112 100
64 59.5 48.6 72.8
63 34.0 26.5 39.7



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: 137.186 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB129255BL

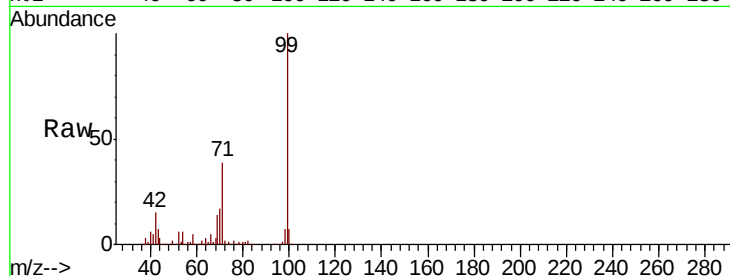
Tot Ion: 99 Resp: 561255

Ion Ratio Lower Upper

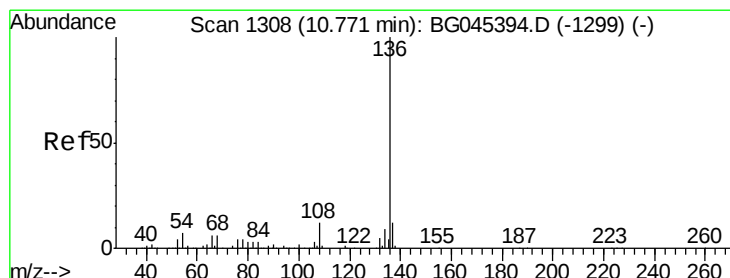
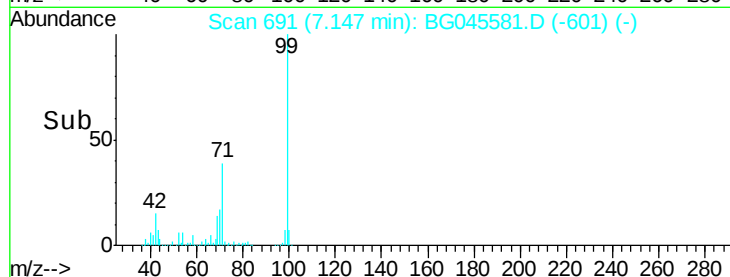
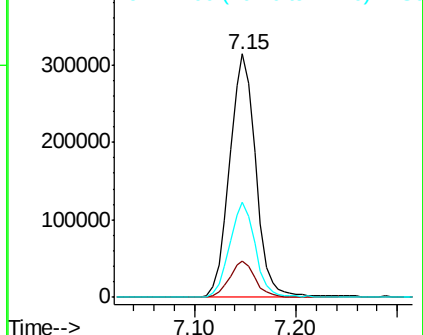
99 100

42 14.6 11.3 16.9

71 39.0 30.8 46.2



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: 10.76 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

Tgt Ion: 136 Resp: 224798

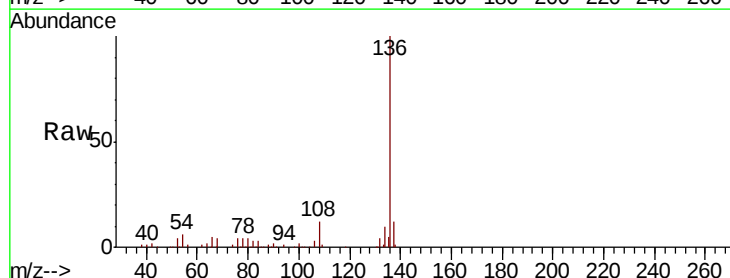
Ion Ratio Lower Upper

136 100

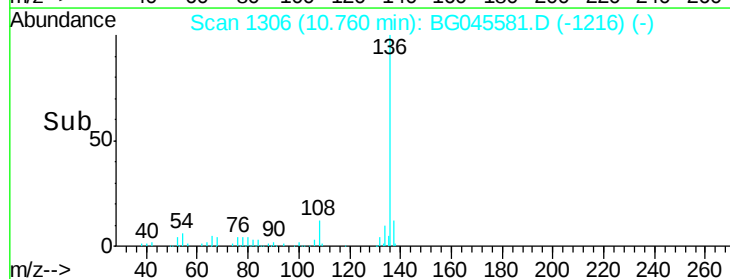
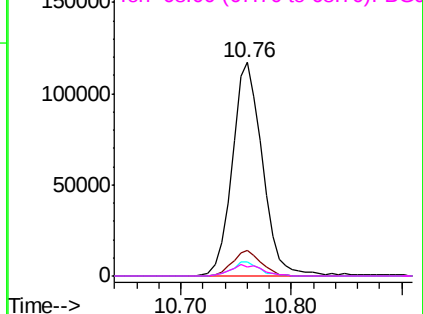
137 12.2 9.4 14.2

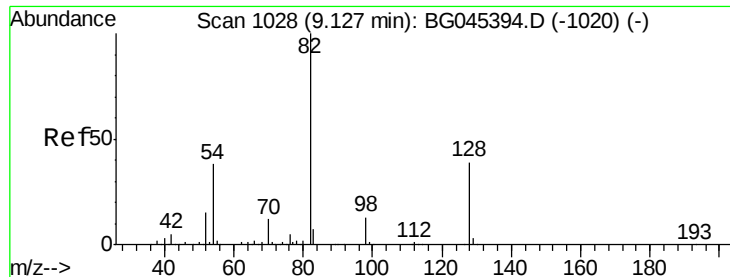
54 6.3 5.8 8.6

68 4.3 4.5 6.7#



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

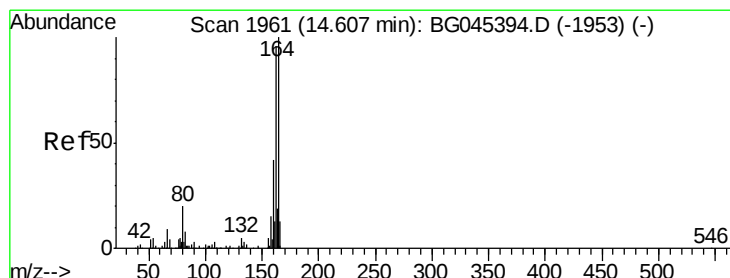
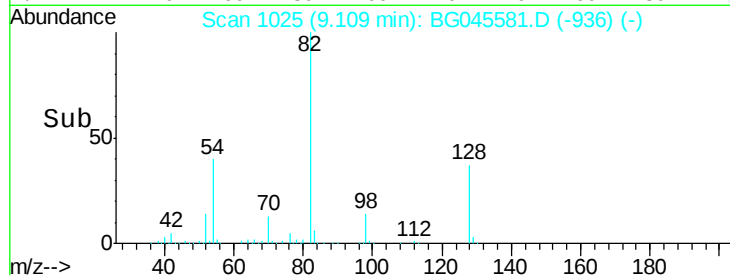
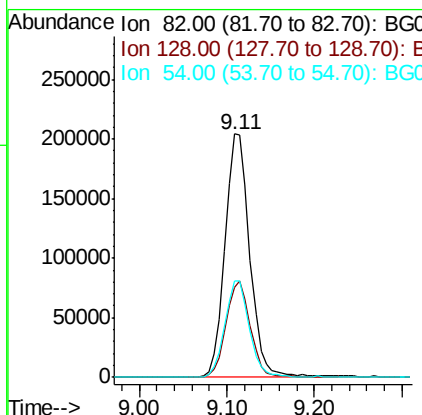
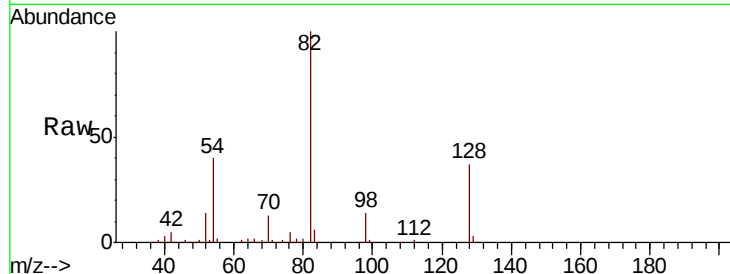




#23
 Nitrobenzene-d5
 Concen: 96.336 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045581.D
 Acq: 3 Jun 2020 14:59

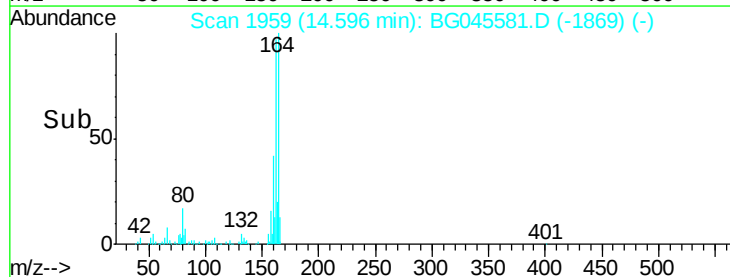
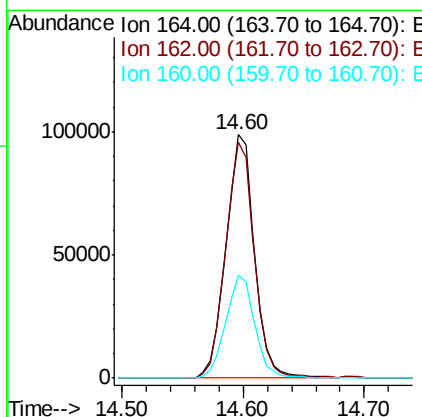
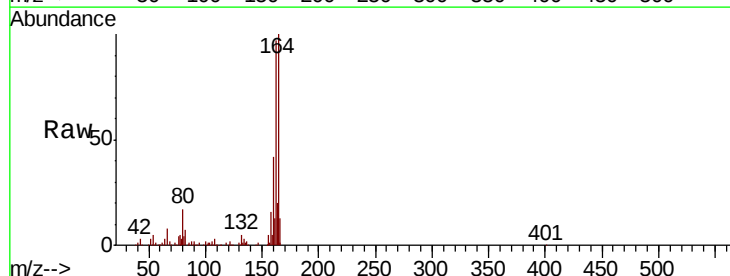
Instrument :
 BNA_G
 ClientSampleId :
 PB129255BL

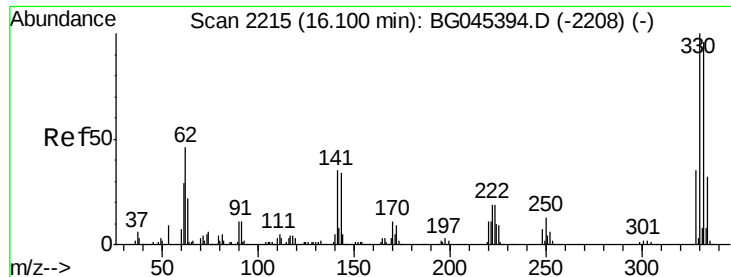
Tot Ion	82	Resp	397132
Ion Ratio	Lower	Upper	
82	100		
128	36.9	30.9	46.3
54	39.8	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045581.D
 Acq: 3 Jun 2020 14:59

Tgt Ion	164	Resp	161470
Ion Ratio	Lower	Upper	
164	100		
162	97.1	76.9	115.3
160	42.4	33.8	50.8

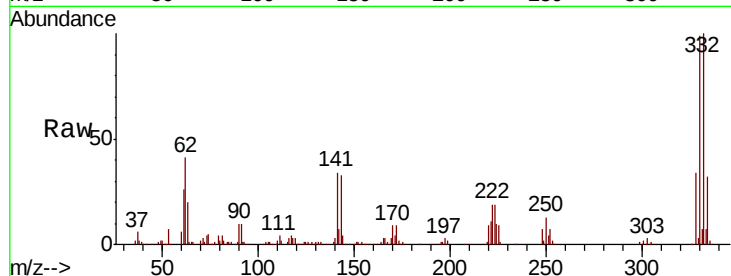




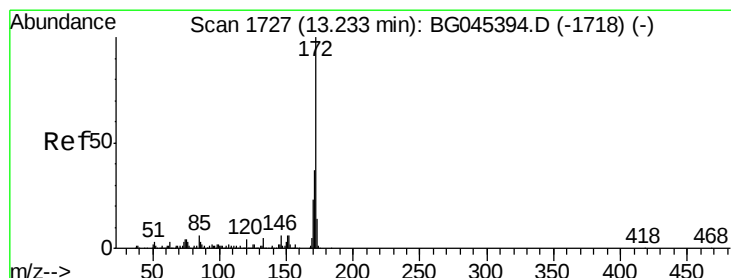
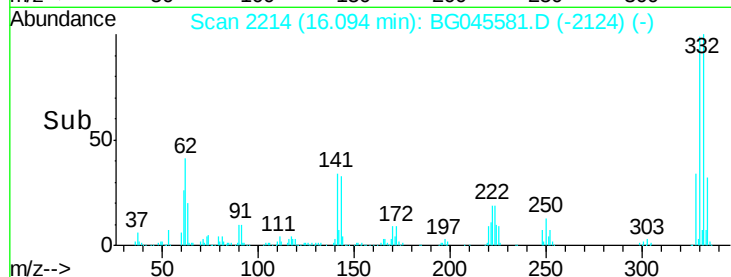
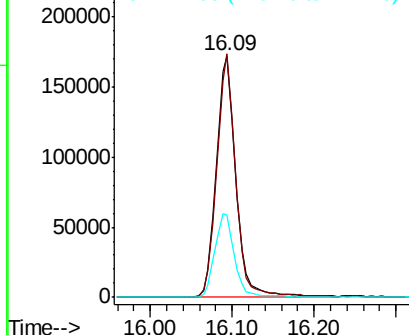
#42
 2,4,6-Tribromophenol
 Concen: 139.801 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG045581.D
 Acq: 3 Jun 2020 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.2	117.4
141	34.9	28.2	42.4

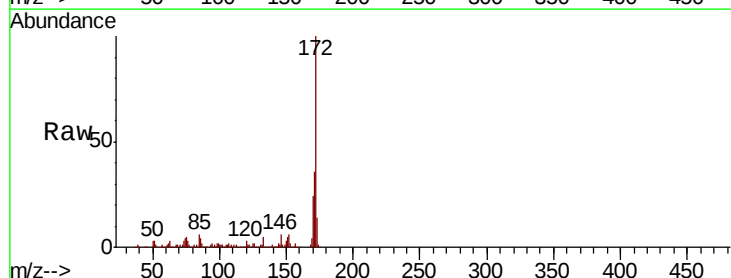


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

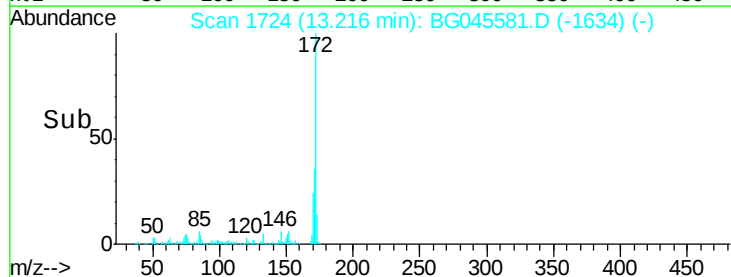
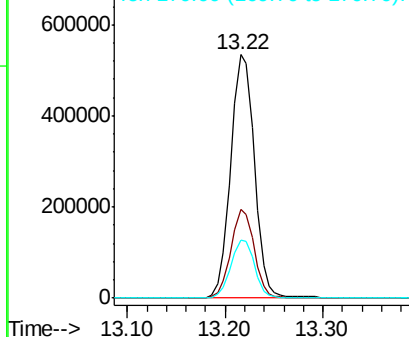


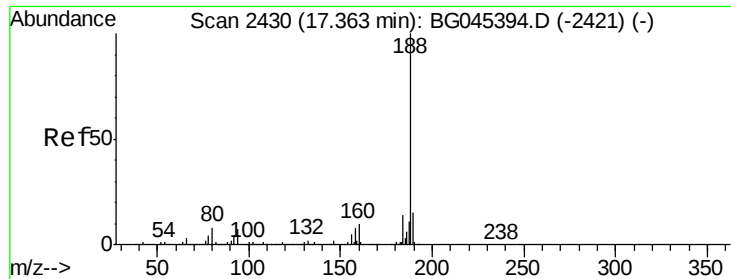
#45
 2-Fluorobiphenyl
 Concen: 95.406 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045581.D
 Acq: 3 Jun 2020 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	23.7	18.5	27.7



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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

Instrument :

BNA_G

ClientSampleId :

PB129255BL

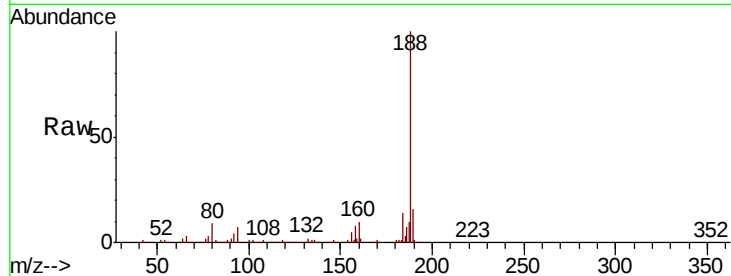
Tot Ion:188 Resp: 388329

Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

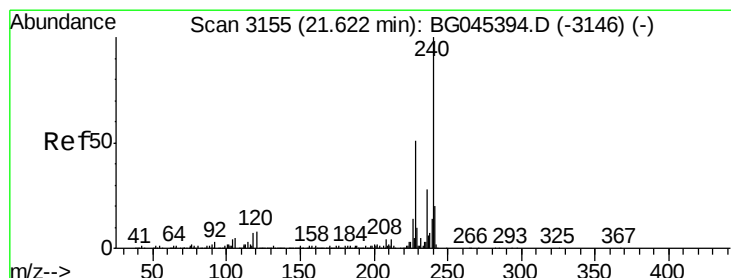
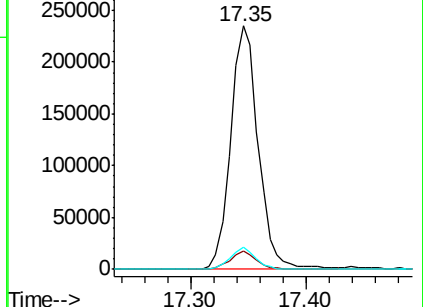
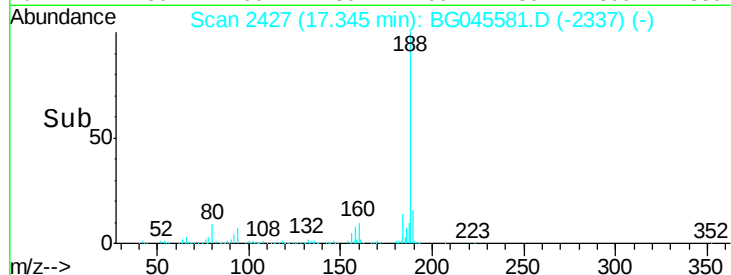
80 8.8 6.6 10.0



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: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

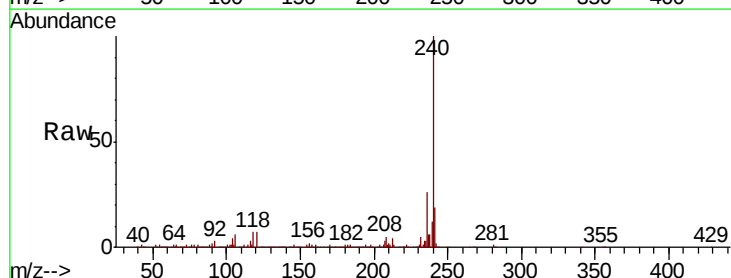
Tgt Ion:240 Resp: 418392

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

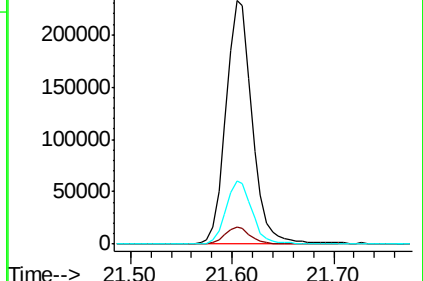
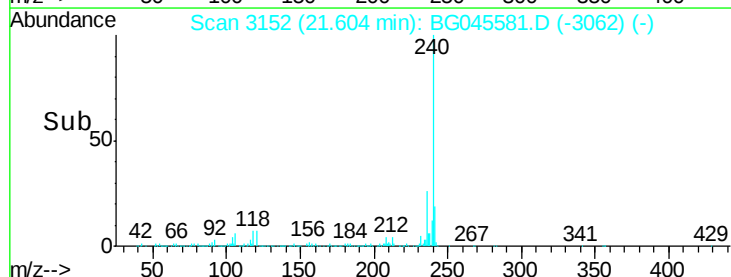
236 26.1 22.3 33.5

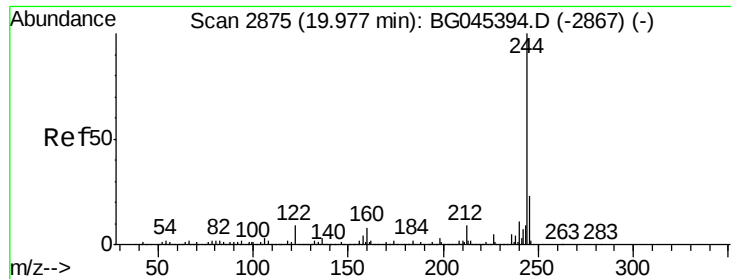


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.142 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

Instrument :

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ClientSampleId :

PB129255BL

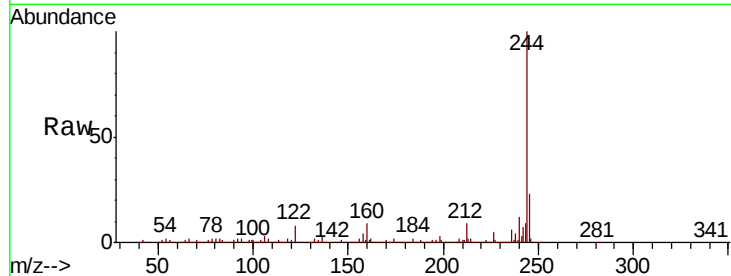
Tot Ion:244 Resp: 1724688

Ion Ratio Lower Upper

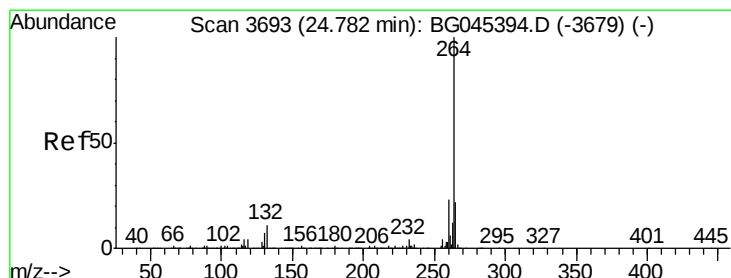
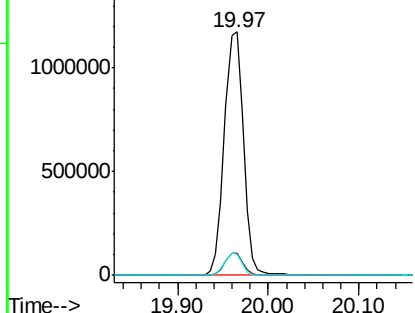
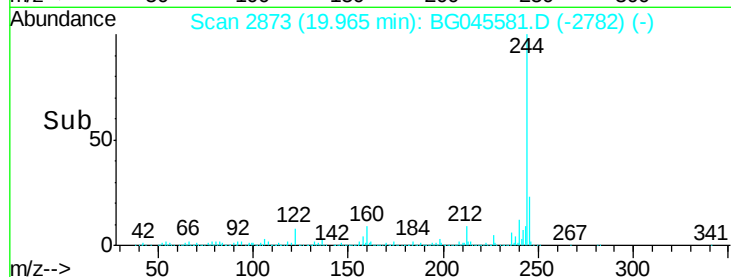
244 100

212 9.3 7.4 11.0

122 8.4 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

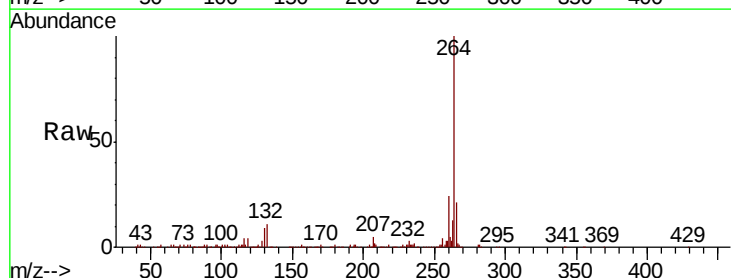
Tgt Ion:264 Resp: 432930

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.4 17.6 26.4



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

