

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045745.D
 Acq On : 12 Jun 2020 18:02
 Operator : CG/JU
 Sample : PB129511BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BL

Quant Time: Jun 12 23:53:56 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	54694	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	219518	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	157711	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	369360	20.00	ng	0.00
76) Chrysene-d12	21.60	240	346287	20.00	ng	0.00
87) Perylene-d12	24.75	264	351476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	195655	69.91	ng	0.02
7) Phenol-d6	7.18	99	362023	90.88	ng	0.03
23) Nitrobenzene-d5	9.11	82	325248	80.80	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	367202	182.06	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	975402	104.91	ng	0.00
79) Terphenyl-d14	19.96	244	2009337	135.33	ng	0.00

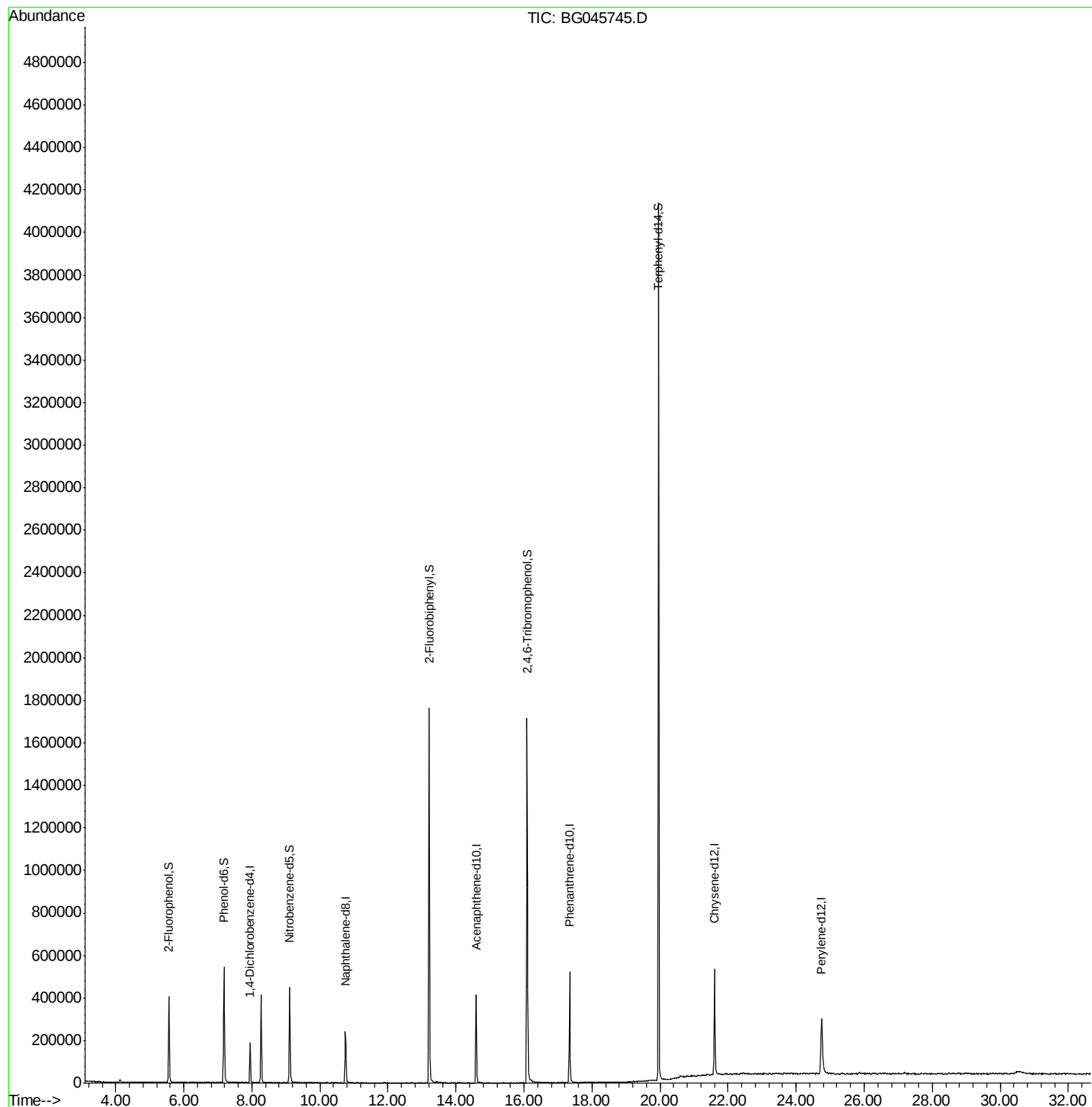
Target Compounds Qvalue

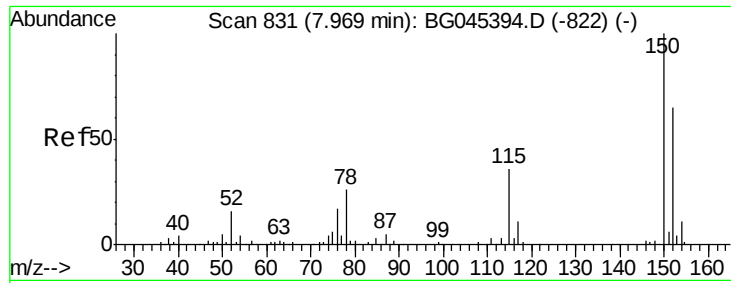
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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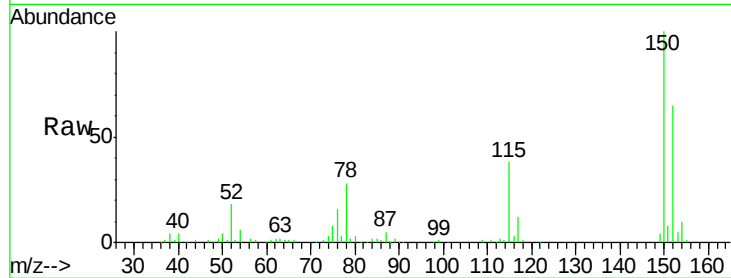


#1

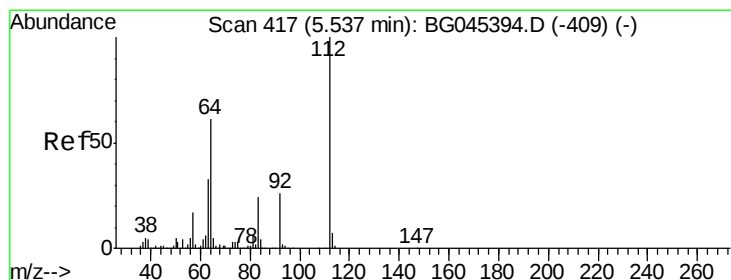
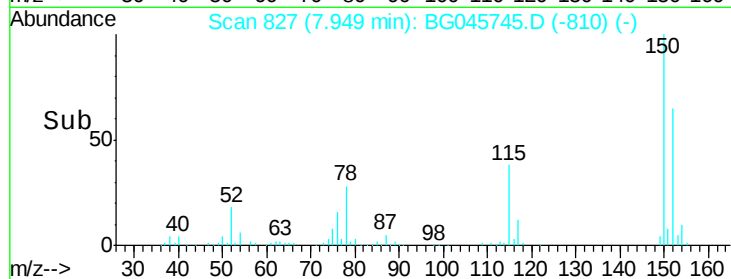
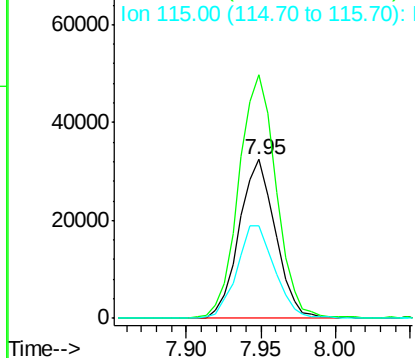
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045745.D
Acq: 12 Jun 2020 18:02

Instrument :
BNA_G
ClientSampleId :
PB129511BL

Tot Ion:152 Resp: 54694
Ion Ratio Lower Upper
152 100
150 153.1 122.4 183.6
115 58.1 44.2 66.4



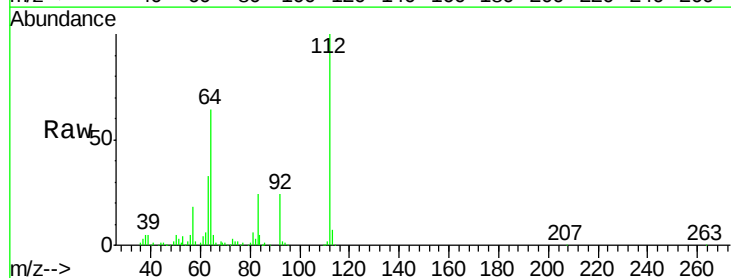
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



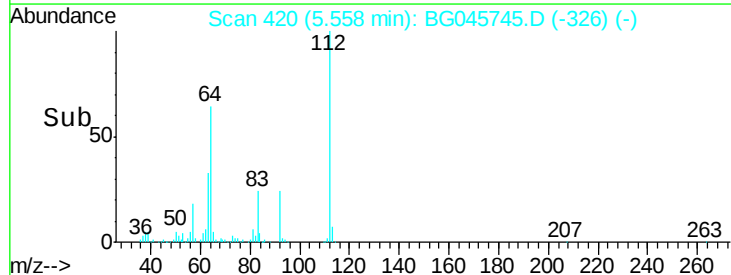
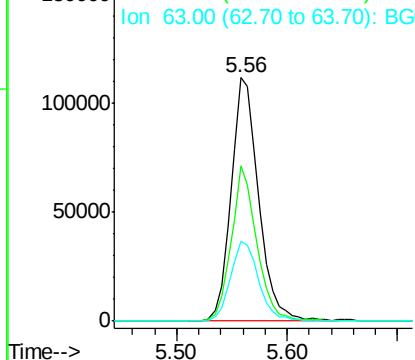
#5

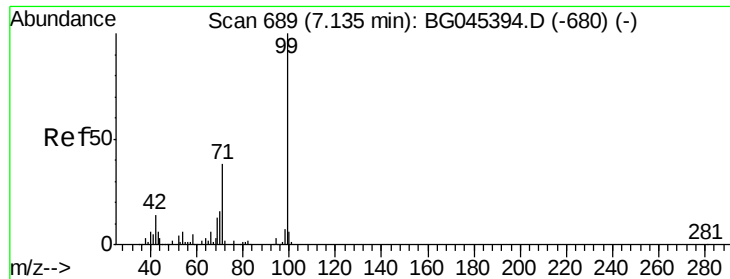
2-Fluorophenol
Concen: 69.910 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.02 min
Lab File: BG045745.D
Acq: 12 Jun 2020 18:02

Tgt Ion:112 Resp: 195655
Ion Ratio Lower Upper
112 100
64 64.0 48.6 72.8
63 32.7 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: 90.885 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.03 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB129511BL

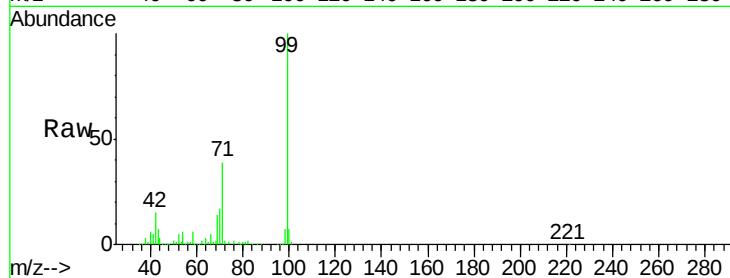
Tot Ion: 99 Resp: 362023

Ion Ratio Lower Upper

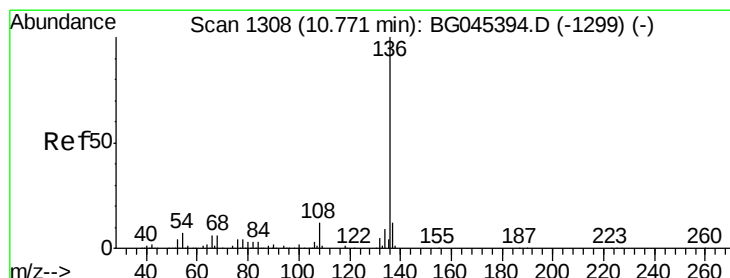
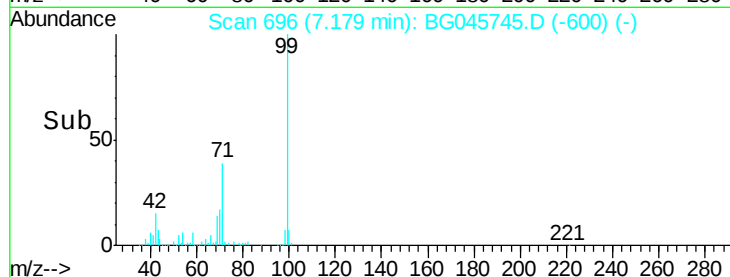
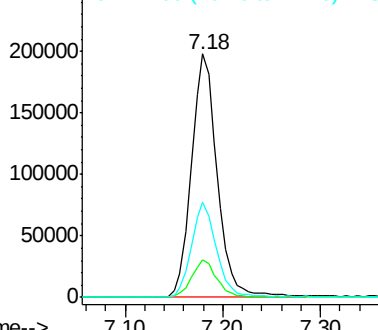
99 100

42 15.5 11.3 16.9

71 39.3 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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

Tgt Ion: 136 Resp: 219518

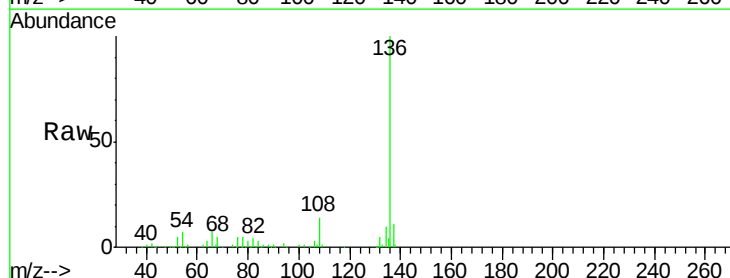
Ion Ratio Lower Upper

136 100

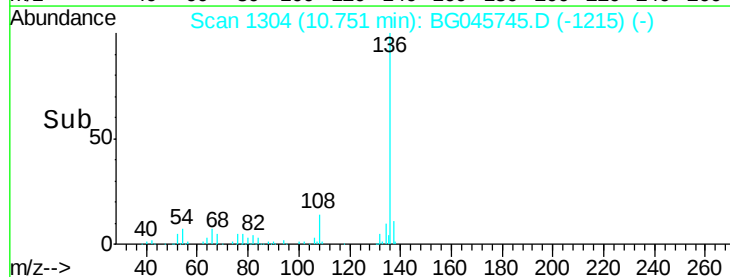
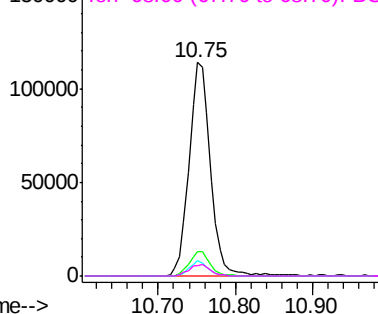
137 11.3 9.4 14.2

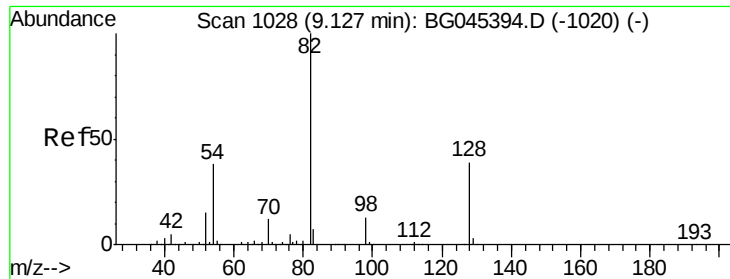
54 7.3 5.8 8.6

68 4.5 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

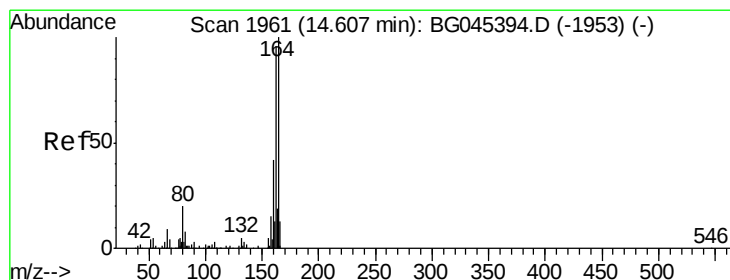
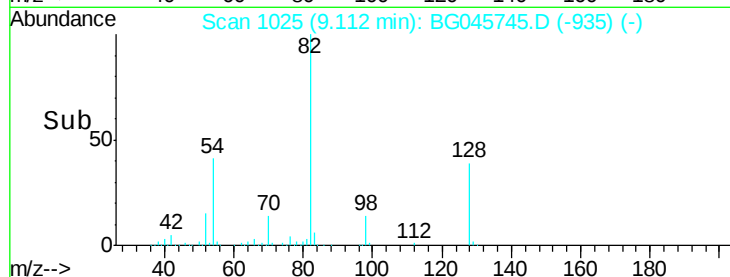
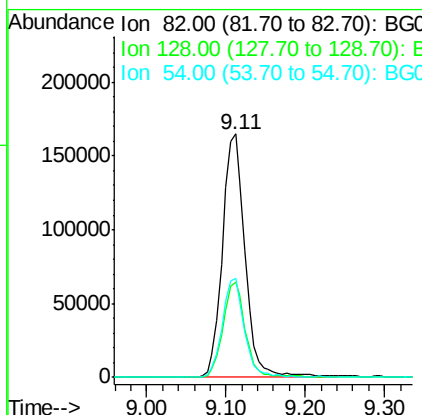
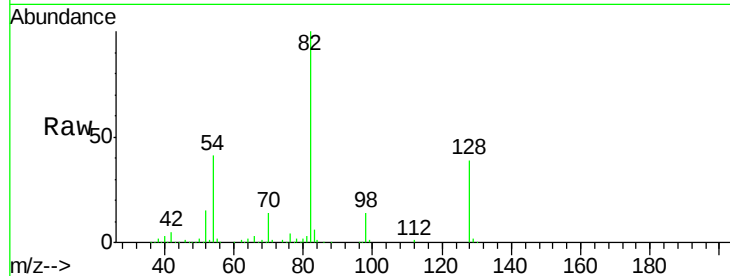




#23
 Nitrobenzene-d5
 Concen: 80.796 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045745.D
 Acq: 12 Jun 2020 18:02

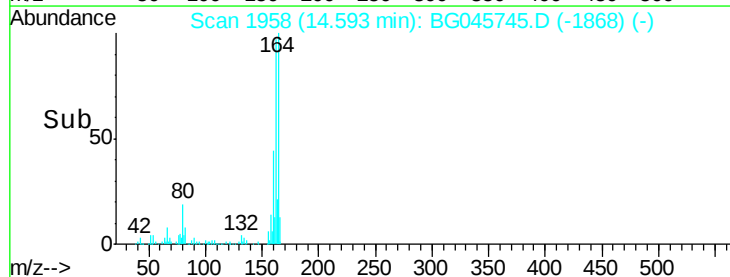
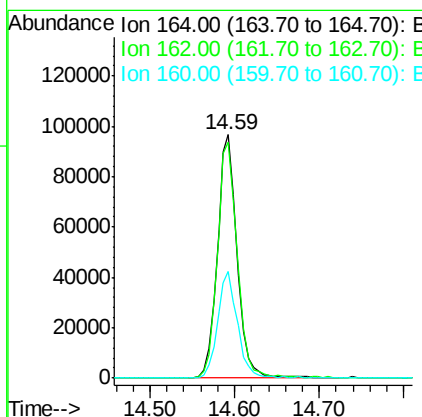
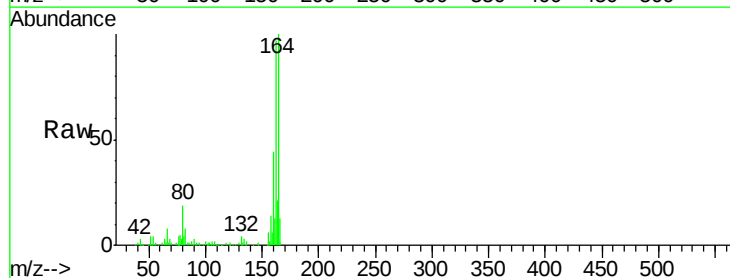
Instrument :
 BNA_G
 ClientSampleId :
 PB129511BL

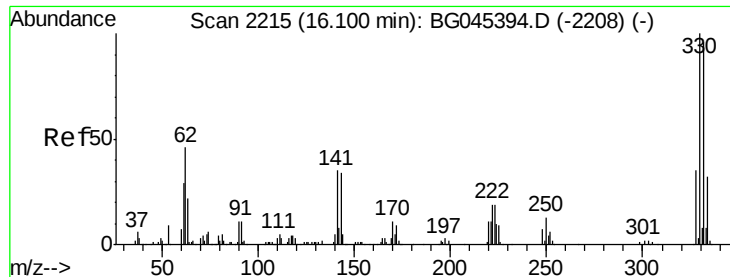
Tot Ion	82	Resp	325248
Ion Ratio	Lower	Upper	
82	100		
128	39.0	30.9	46.3
54	40.7	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045745.D
 Acq: 12 Jun 2020 18:02

Tgt Ion	164	Resp	157711
Ion Ratio	Lower	Upper	
164	100		
162	97.0	76.9	115.3
160	44.1	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 182.058 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB129511BL

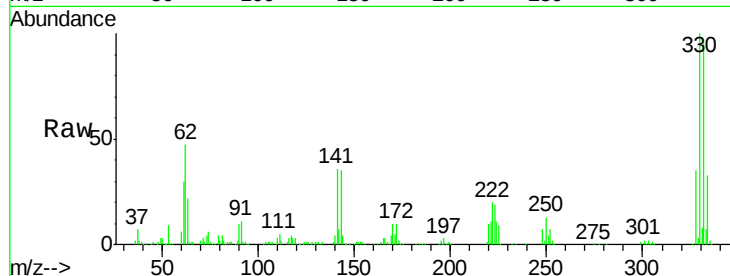
Tot Ion:330 Resp: 367202

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

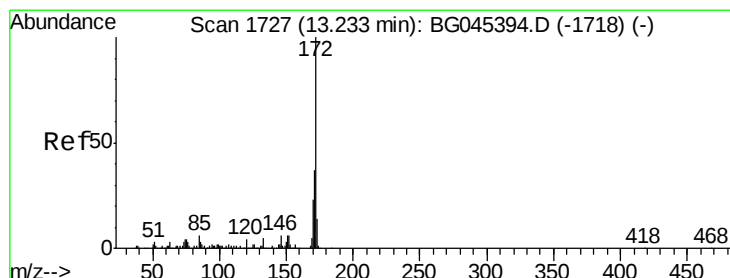
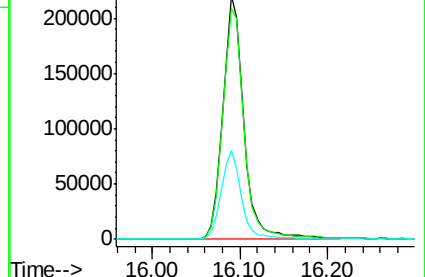
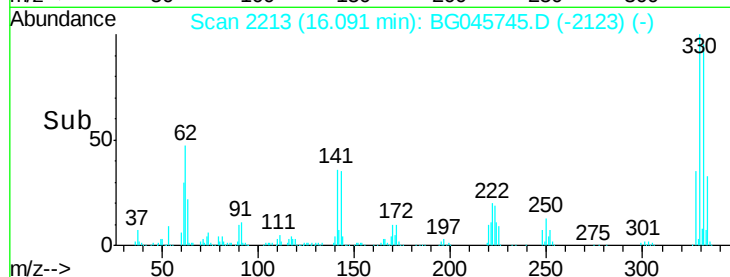
141 35.1 28.2 42.4



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: 104.906 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

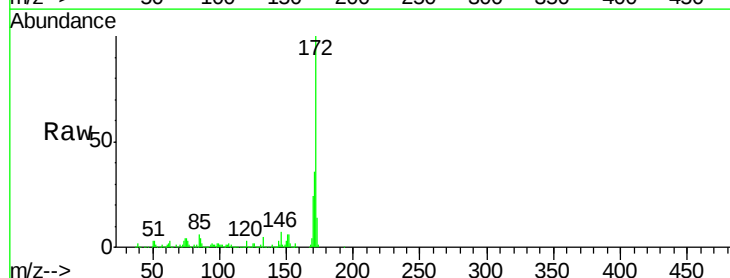
Tgt Ion:172 Resp: 975402

Ion Ratio Lower Upper

172 100

171 35.7 29.5 44.3

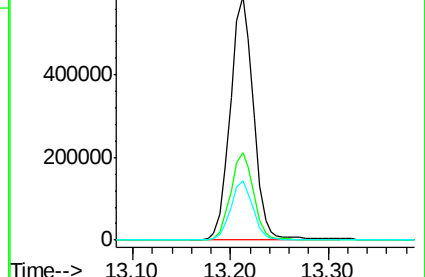
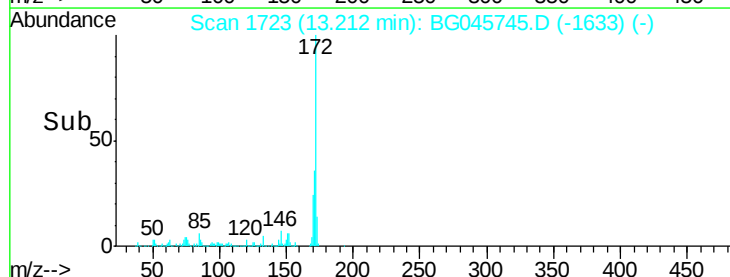
170 24.1 18.5 27.7

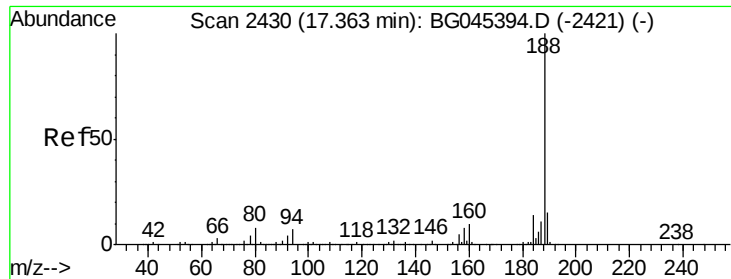


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB129511BL

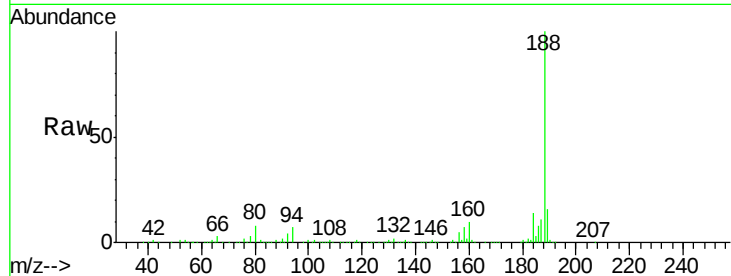
Tot Ion:188 Resp: 369360

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

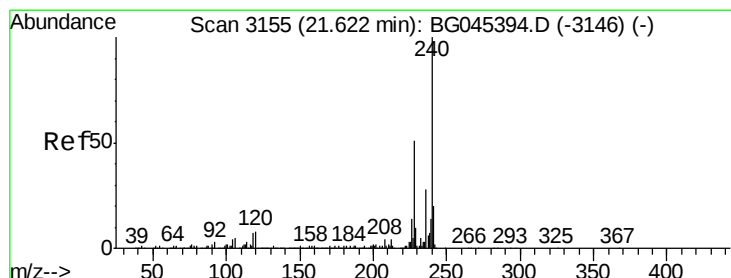
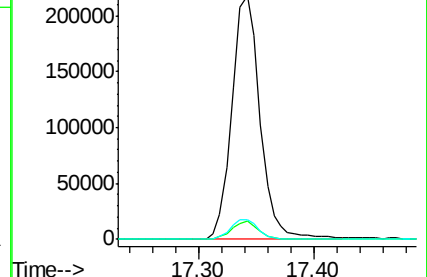
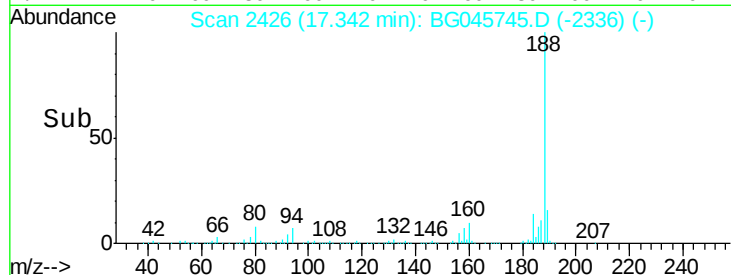
80 8.3 6.6 10.0



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: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

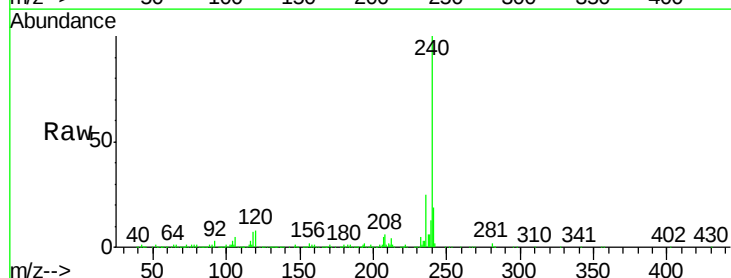
Tgt Ion:240 Resp: 346287

Ion Ratio Lower Upper

240 100

120 8.4 6.1 9.1

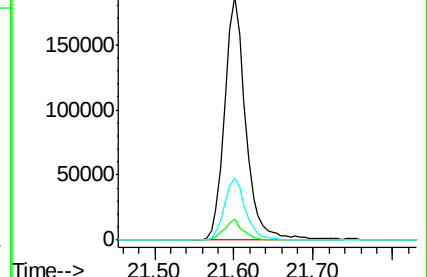
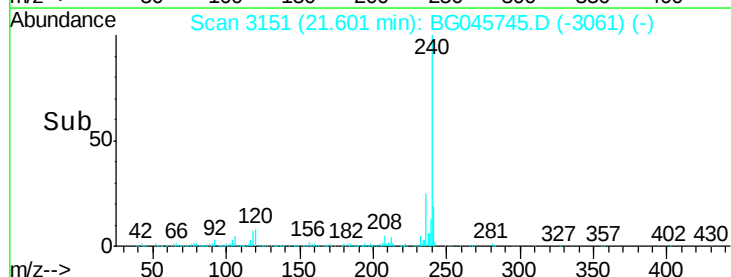
236 25.4 22.3 33.5

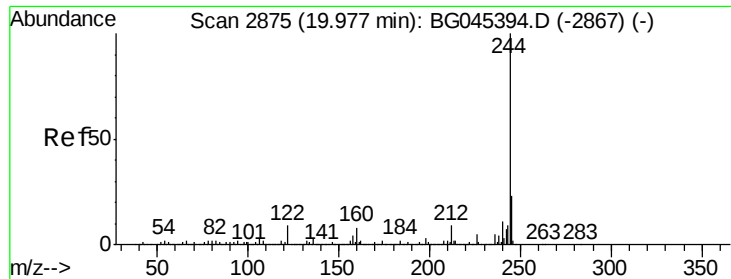


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 135.332 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB129511BL

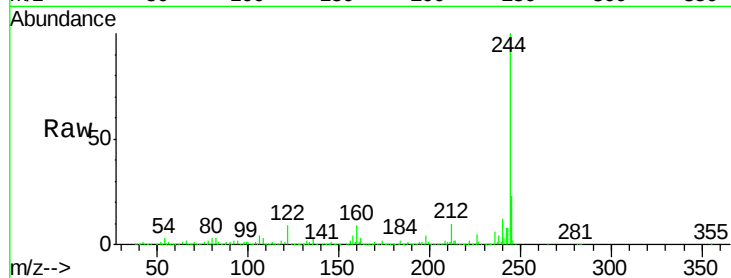
Tot Ion:244 Resp: 2009337

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

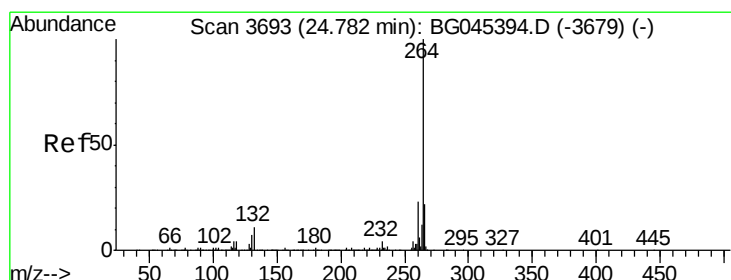
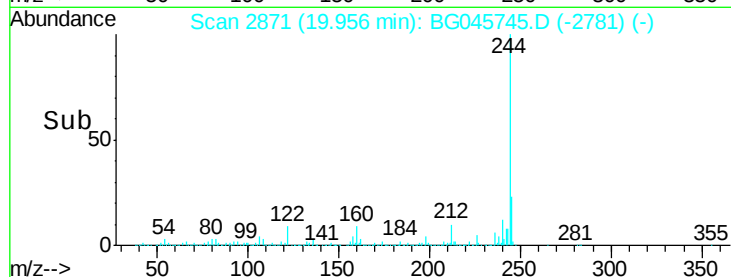
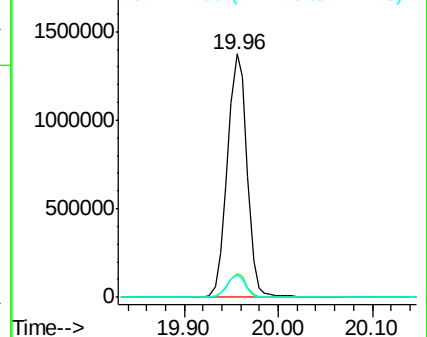
122 9.0 6.8 10.2



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: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

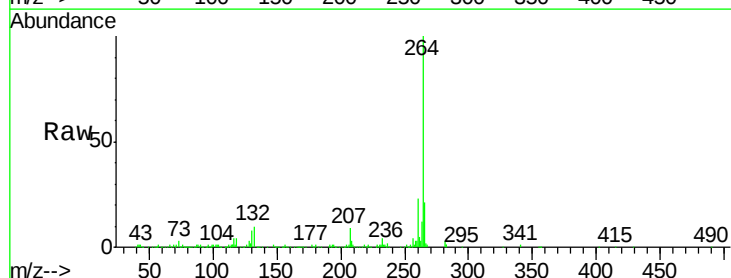
Tgt Ion:264 Resp: 351476

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.1 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

