

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045656.D
 Acq On : 9 Jun 2020 9:42
 Operator : CG/JU
 Sample : PB129377BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129377BL

Quant Time: Jun 09 10:52:23 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	59601	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	239323	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	181671	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	416749	20.00	ng	0.00
76) Chrysene-d12	21.60	240	389537	20.00	ng	0.00
87) Perylene-d12	24.75	264	403031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	403895	132.44	ng	0.00
7) Phenol-d6	7.14	99	564637	130.08	ng	0.00
23) Nitrobenzene-d5	9.11	82	412698	94.04	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	302806	130.33	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	998844	93.26	ng	0.00
79) Terphenyl-d14	19.96	244	1664856	99.68	ng	0.00

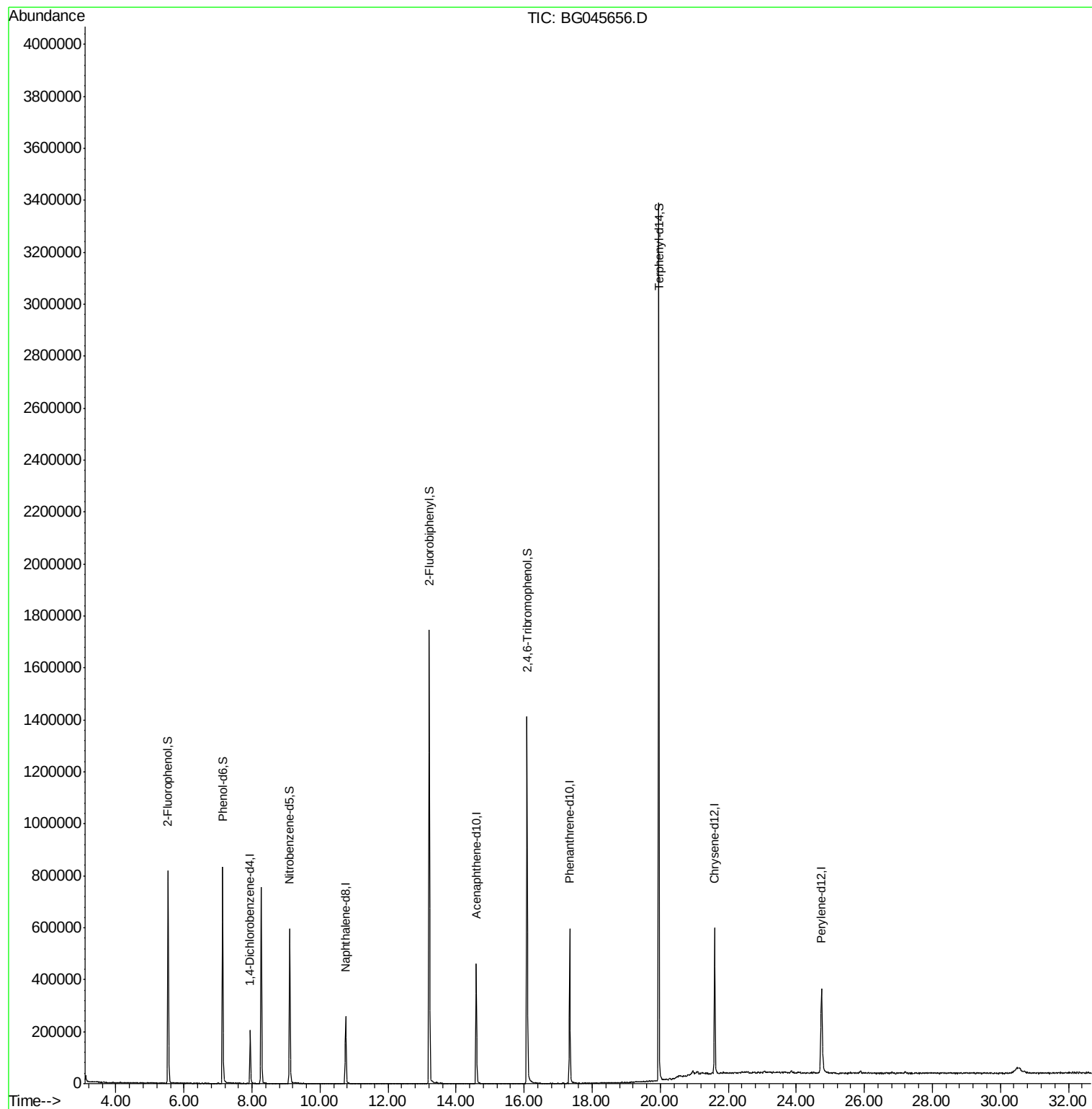
Target Compounds	Qvalue
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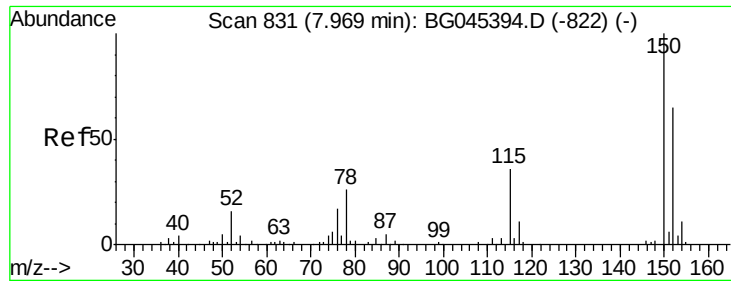
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BG045656.D

Acq: 9 Jun 2020 9:42

Instrument :

BNA_G

ClientSampleId :

PB129377BL

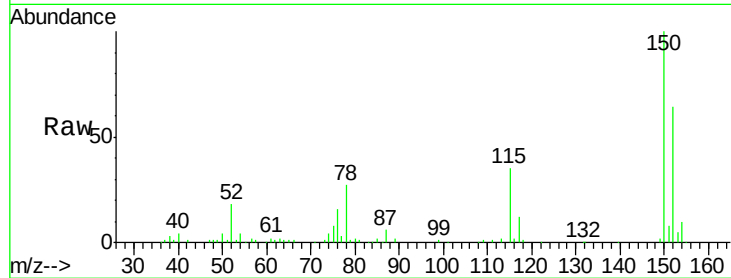
Tgt Ion:152 Resp: 59601

Ion Ratio Lower Upper

152 100

150 156.0 122.4 183.6

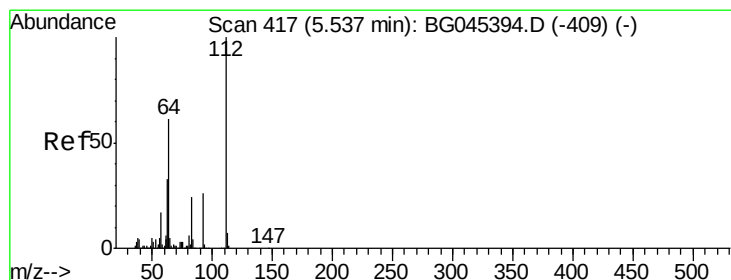
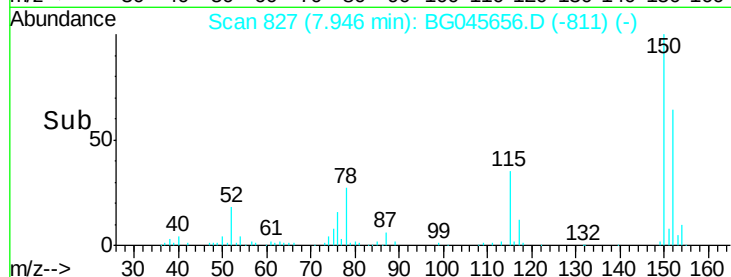
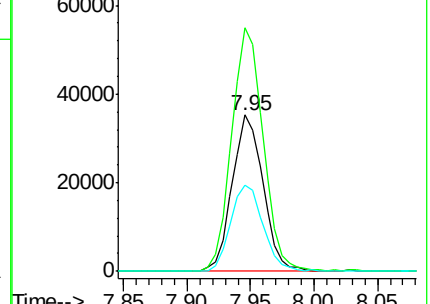
115 55.0 44.2 66.4



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: 132.44 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045656.D

Acq: 9 Jun 2020 9:42

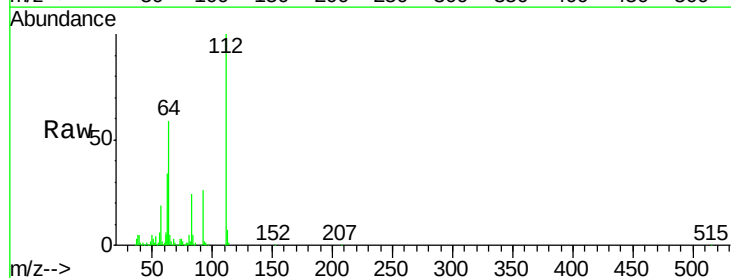
Tgt Ion:112 Resp: 403895

Ion Ratio Lower Upper

112 100

64 59.1 48.6 72.8

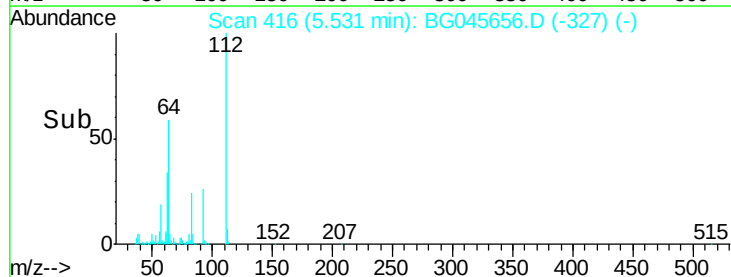
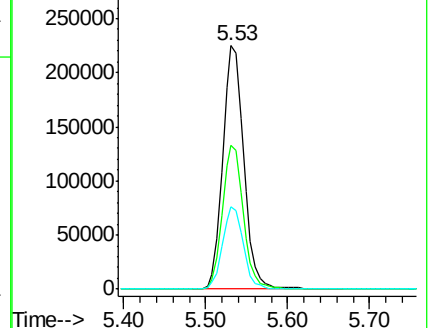
63 34.0 26.5 39.7

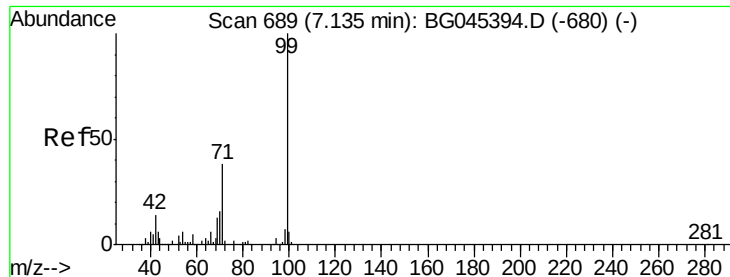


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 130.08 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045656.D

Acq: 9 Jun 2020 9:42

Instrument :

BNA_G

ClientSampleId :

PB129377BL

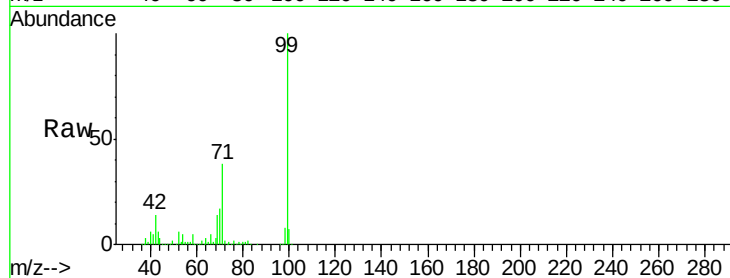
Tgt Ion: 99 Resp: 564637

Ion Ratio Lower Upper

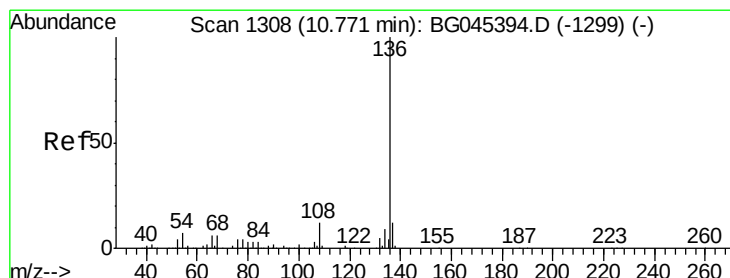
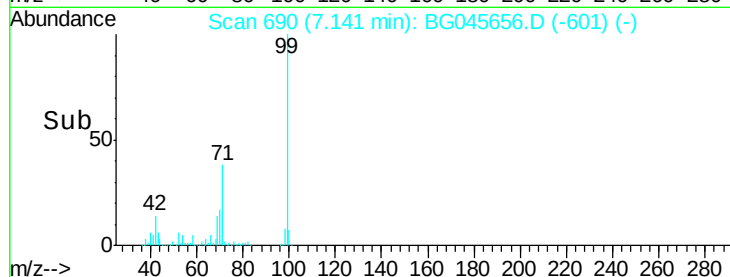
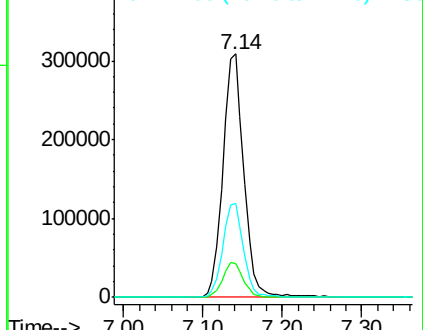
99 100

42 14.1 11.3 16.9

71 38.4 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: 20.00 ng

RT: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045656.D

Acq: 9 Jun 2020 9:42

Tgt Ion: 136 Resp: 239323

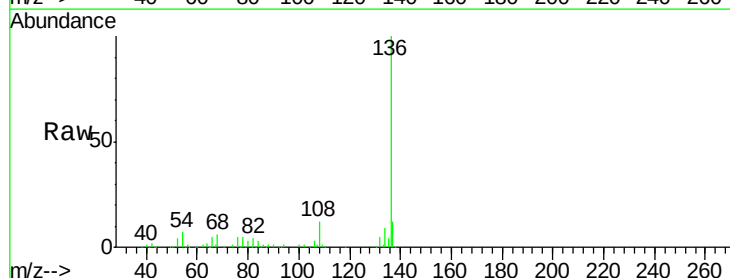
Ion Ratio Lower Upper

136 100

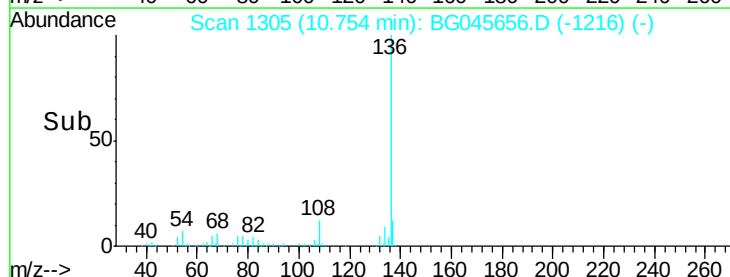
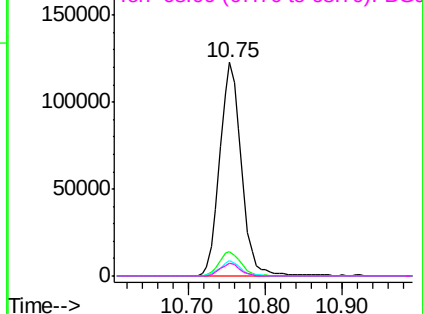
137 11.7 9.4 14.2

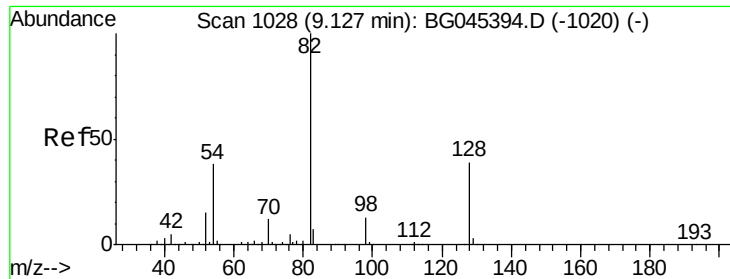
54 6.9 5.8 8.6

68 6.1 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

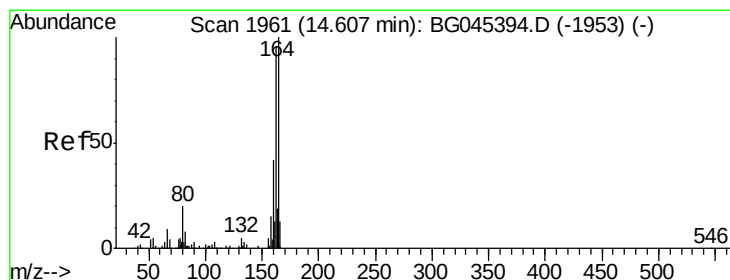
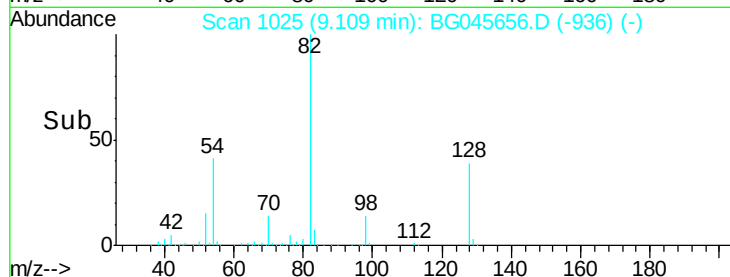
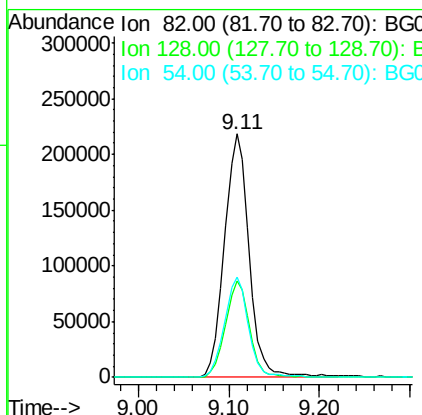
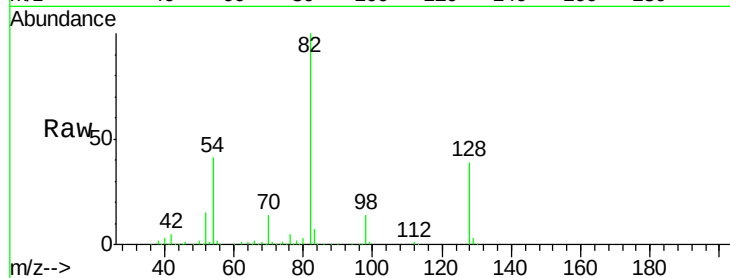




#23
 Nitrobenzene-d5
 Concen: 94.04 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045656.D
 Acq: 9 Jun 2020 9:42

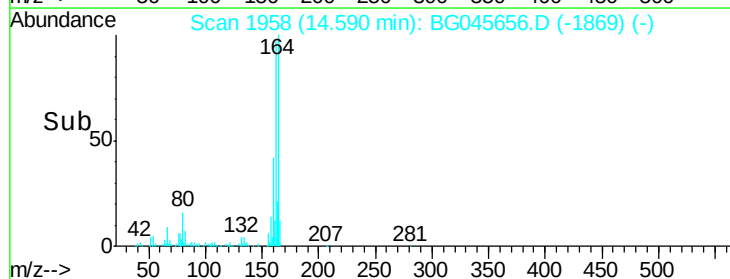
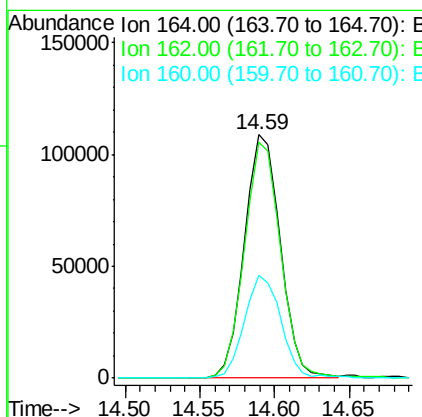
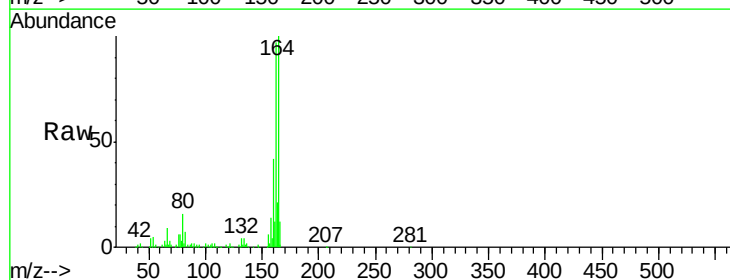
Instrument :
 BNA_G
 ClientSampleId :
 PB129377BL

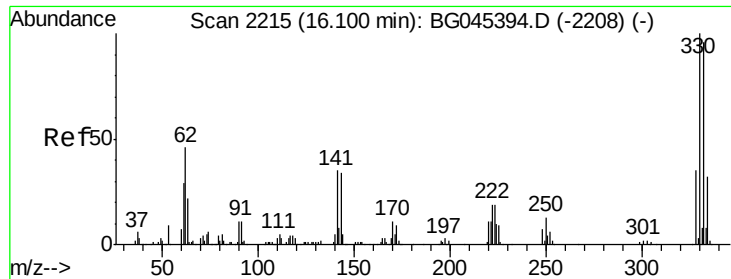
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.9	46.3
54	41.2	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG045656.D
 Acq: 9 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	76.9	115.3
160	42.3	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 130.33 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045656.D

Acq: 9 Jun 2020 9:42

Instrument :

BNA_G

ClientSampleId :

PB129377BL

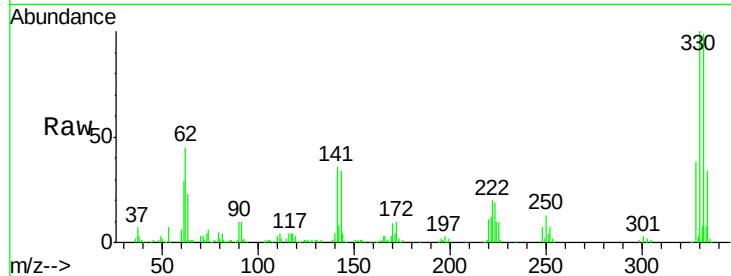
Tgt Ion:330 Resp: 302806

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

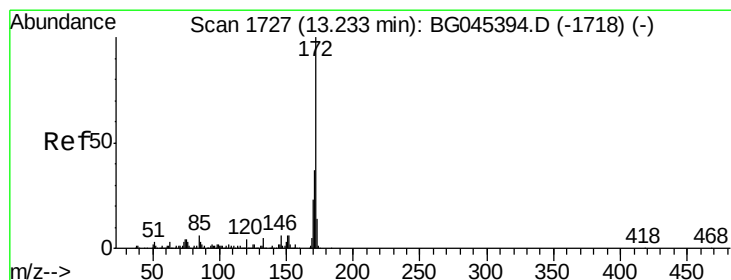
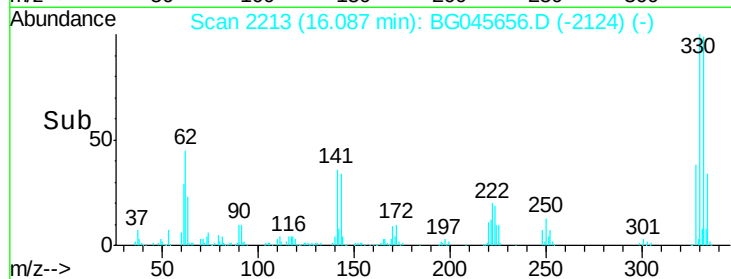
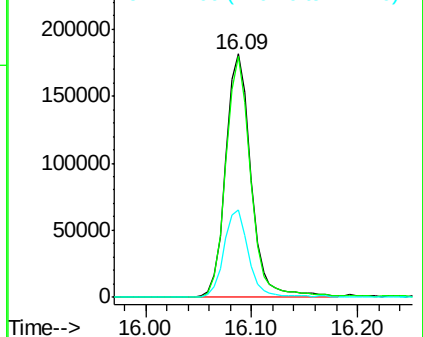
141 35.4 28.2 42.4



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: 93.26 ng

RT: 13.21 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045656.D

Acq: 9 Jun 2020 9:42

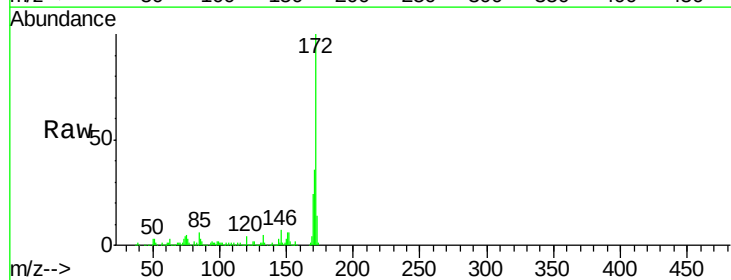
Tgt Ion:172 Resp: 998844

Ion Ratio Lower Upper

172 100

171 36.4 29.5 44.3

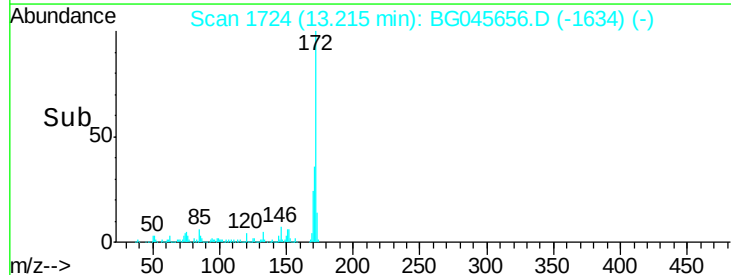
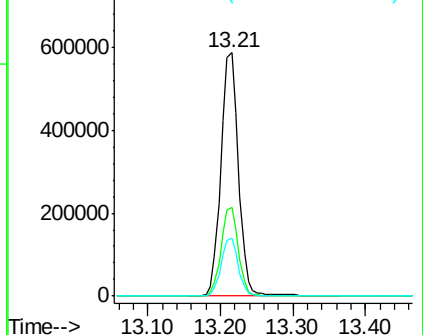
170 23.9 18.5 27.7

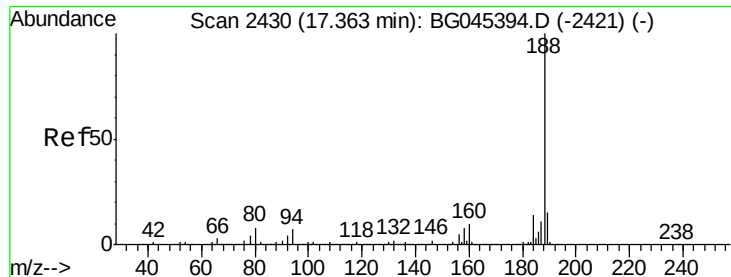


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045656.D

Acq: 9 Jun 2020 9:42

Instrument :

BNA_G

ClientSampleId :

PB129377BL

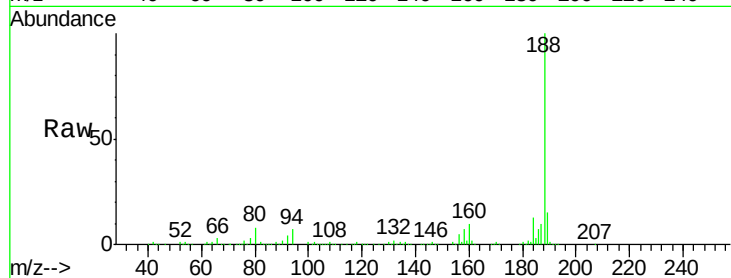
Tgt Ion:188 Resp: 416749

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

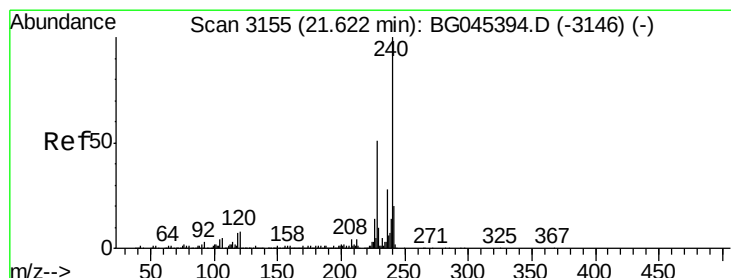
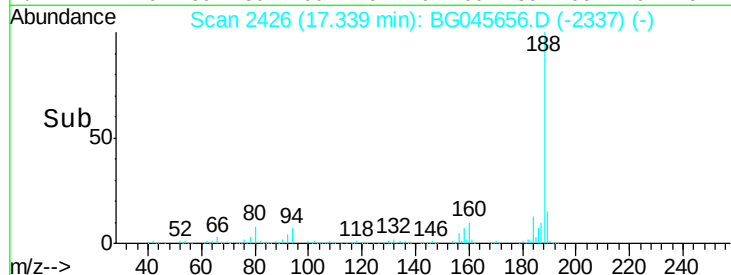
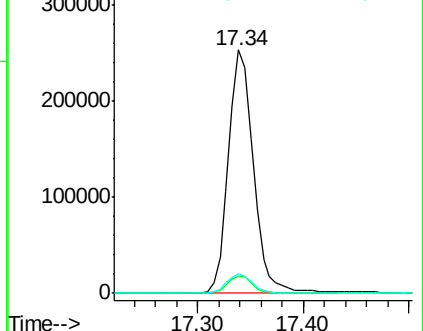
80 8.3 6.6 10.0



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: 20.00 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG045656.D

Acq: 9 Jun 2020 9:42

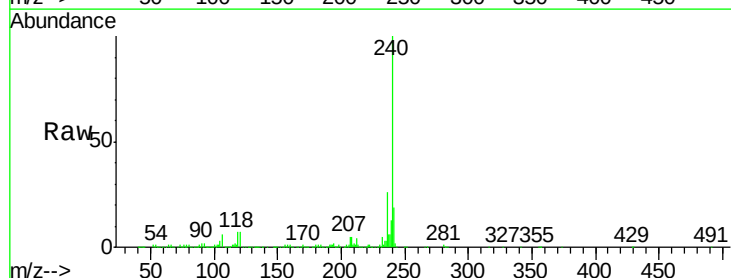
Tgt Ion:240 Resp: 389537

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

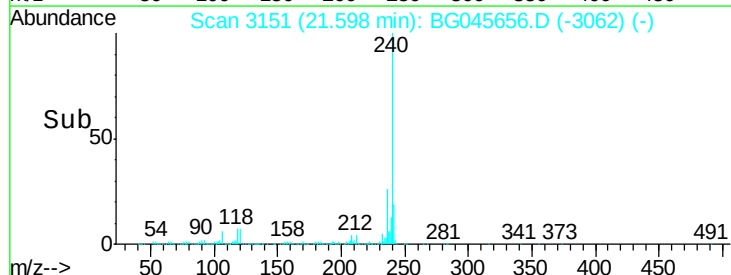
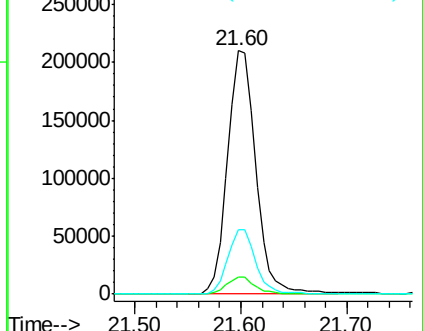
236 26.3 22.3 33.5

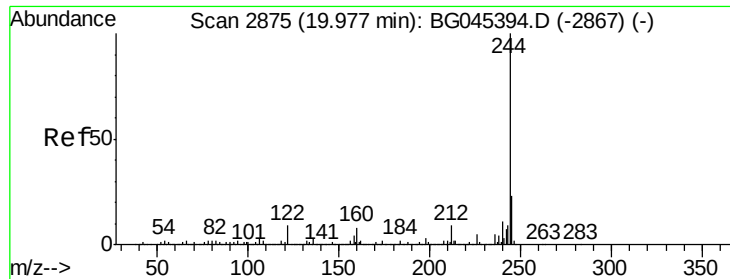


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.68 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045656.D

Acq: 9 Jun 2020 9:42

Instrument :

BNA_G

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PB129377BL

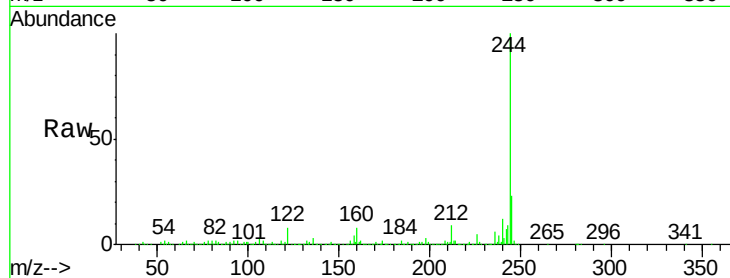
Tgt Ion:244 Resp: 1664856

Ion Ratio Lower Upper

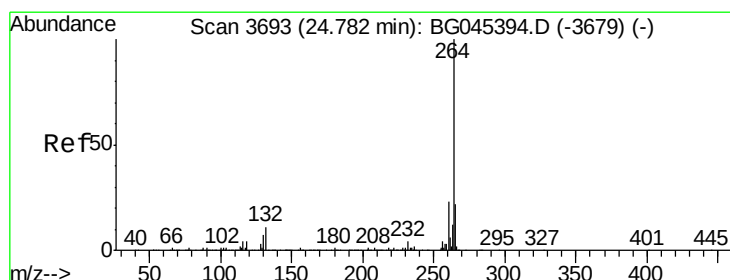
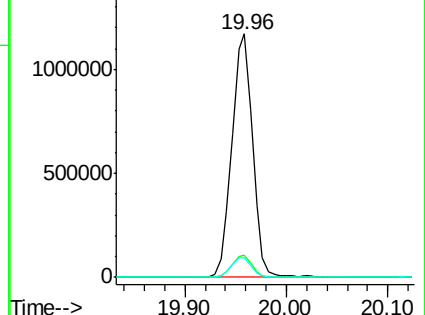
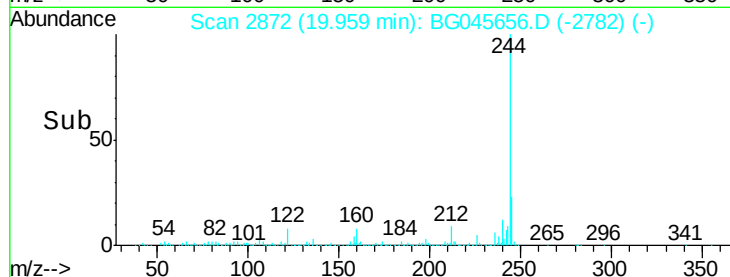
244 100

212 9.3 7.4 11.0

122 8.1 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: 20.00 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG045656.D

Acq: 9 Jun 2020 9:42

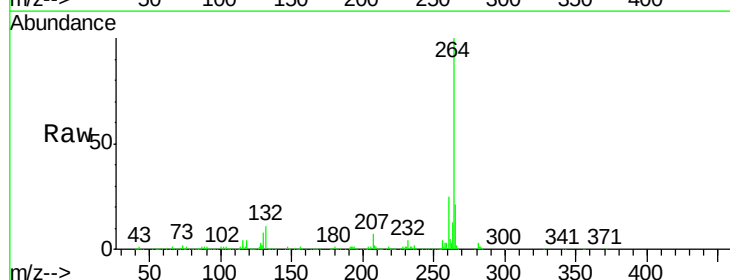
Tgt Ion:264 Resp: 403031

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 20.9 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

