

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045632.D
 Acq On : 6 Jun 2020 2:59
 Operator : CG/JU
 Sample : PB129334BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129334BL

Quant Time: Jun 06 04:51:46 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	60656	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	233139	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	164611	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	367342	20.00	ng	0.00
76) Chrysene-d12	21.60	240	372200	20.00	ng	0.00
87) Perylene-d12	24.75	264	386444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	444238	143.13	ng	0.00
7) Phenol-d6	7.14	99	617850	139.86	ng	0.00
23) Nitrobenzene-d5	9.11	82	428603	100.25	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	300838	142.90	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	964491	99.38	ng	0.00
79) Terphenyl-d14	19.96	244	1688953	105.83	ng	0.00

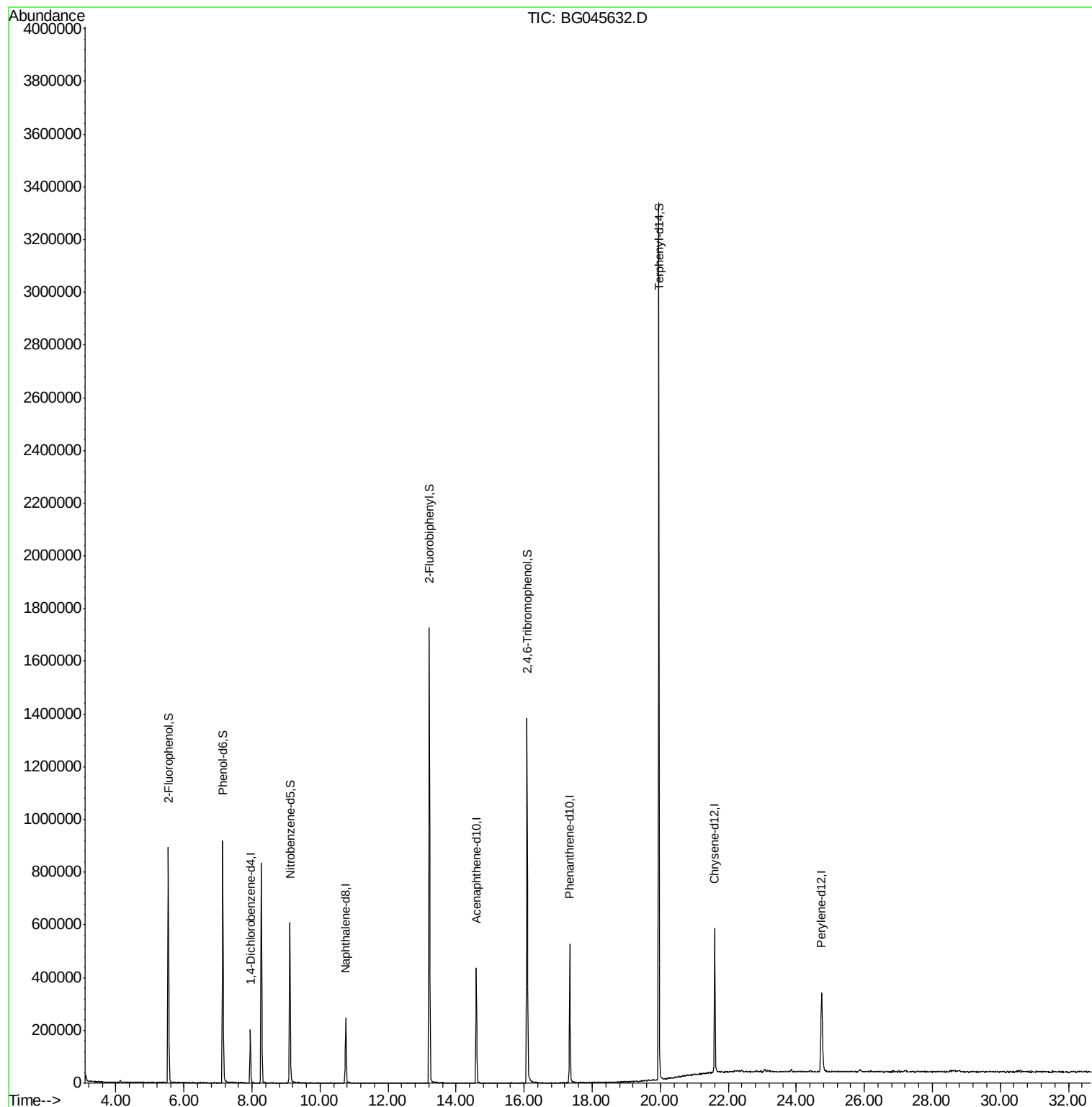
Target Compounds	Qvalue
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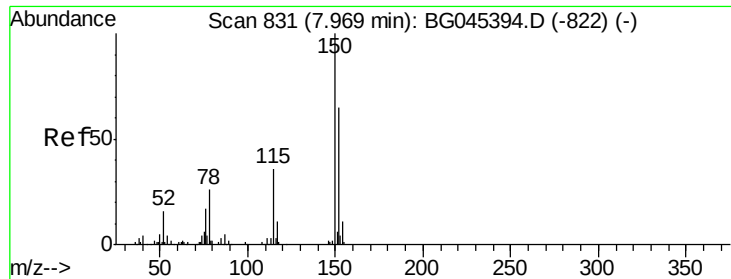
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG045632.D

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ClientSampleId :

PB129334BL

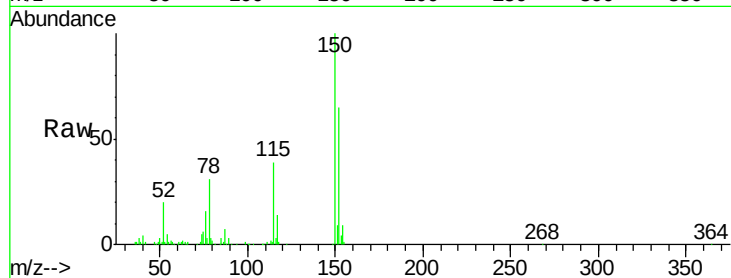
Tgt Ion:152 Resp: 60656

Ion Ratio Lower Upper

152 100

150 153.6 122.4 183.6

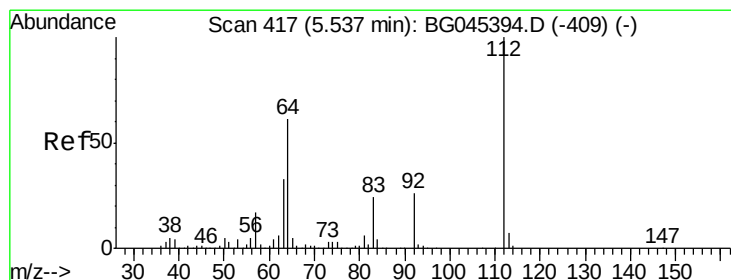
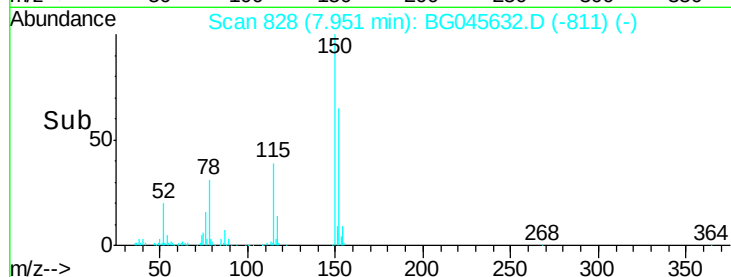
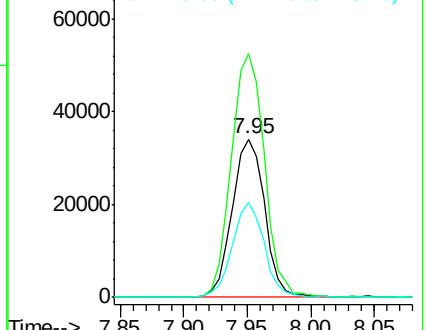
115 60.2 44.2 66.4



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: 143.13 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

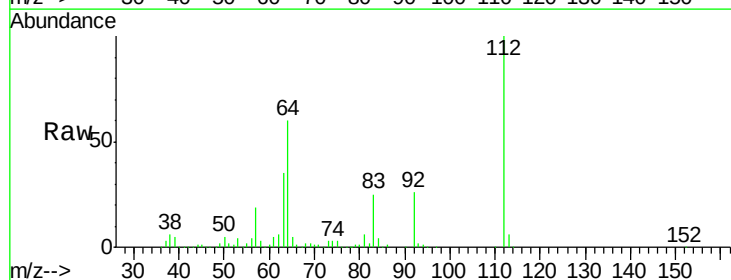
Tgt Ion:112 Resp: 444238

Ion Ratio Lower Upper

112 100

64 59.5 48.6 72.8

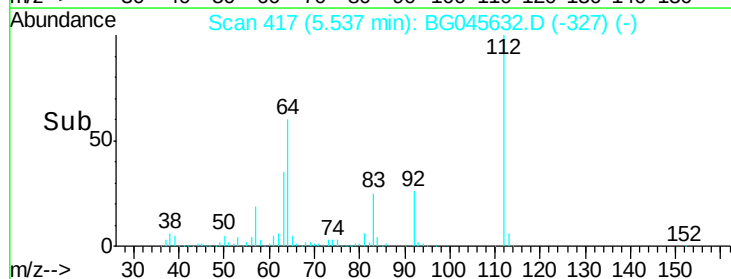
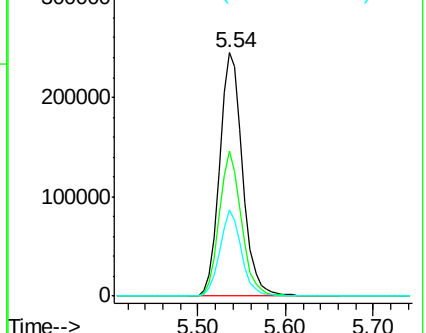
63 35.4 26.5 39.7

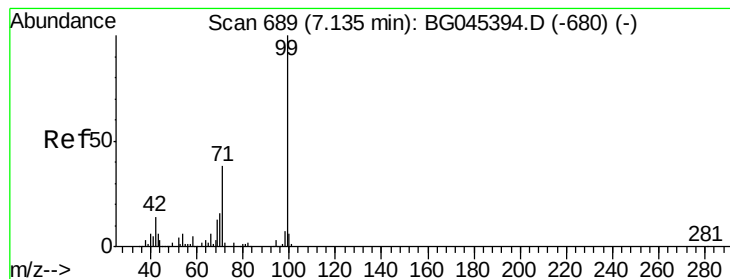


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.86 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

Instrument :

BNA_G

ClientSampleId :

PB129334BL

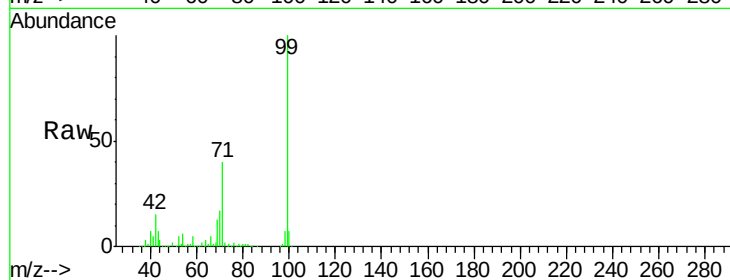
Tgt Ion: 99 Resp: 617850

Ion Ratio Lower Upper

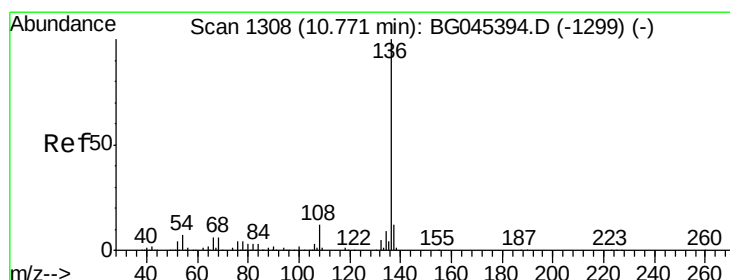
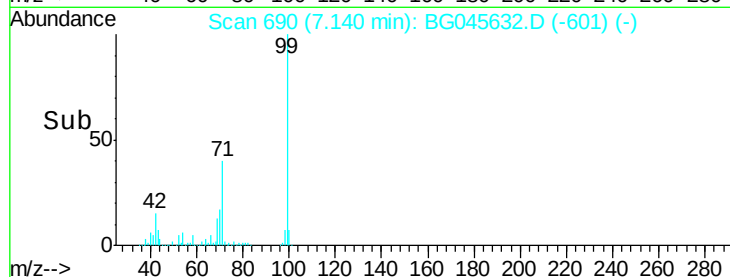
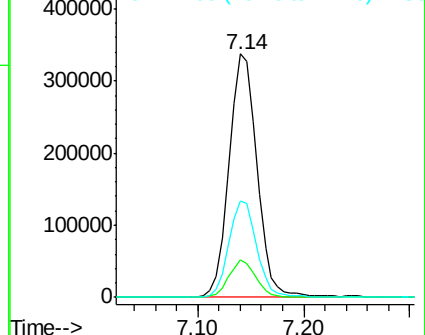
99 100

42 15.2 11.3 16.9

71 39.5 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: BG045632.D

Acq: 6 Jun 2020 2:59

Tgt Ion: 136 Resp: 233139

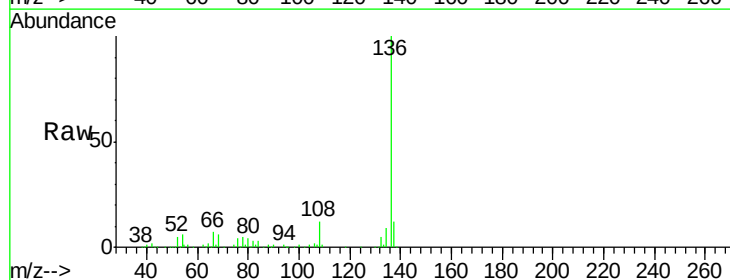
Ion Ratio Lower Upper

136 100

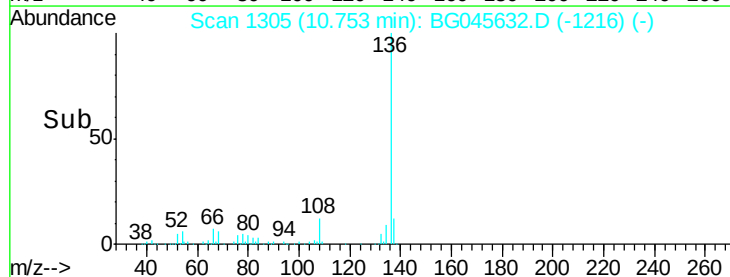
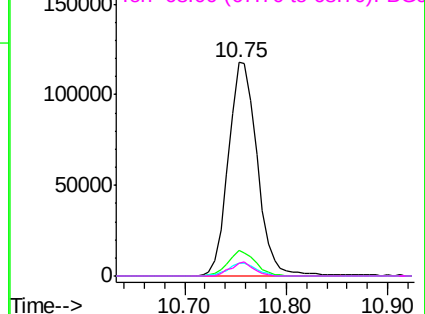
137 11.9 9.4 14.2

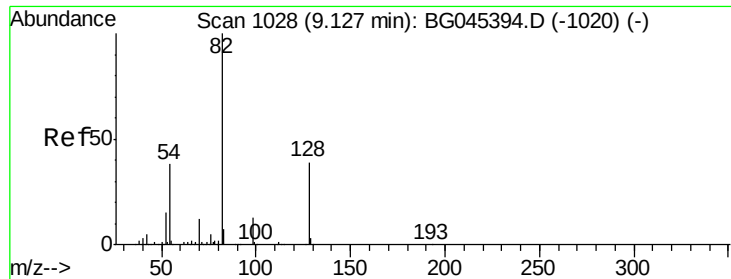
54 5.8 5.8 8.6

68 5.7 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

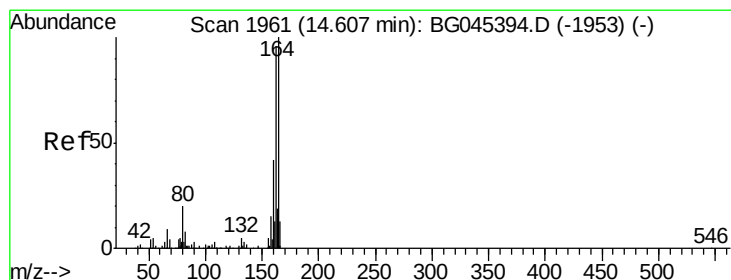
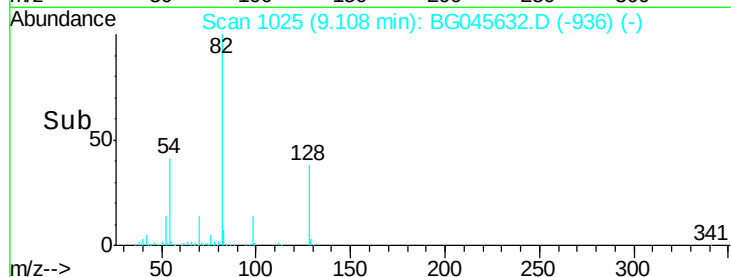
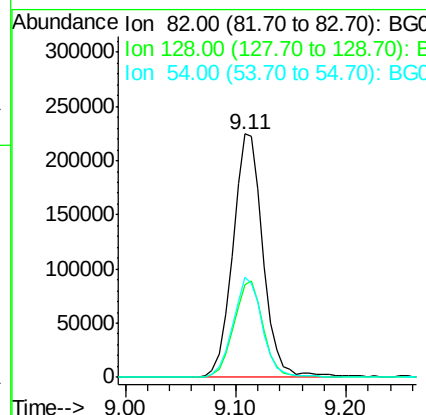
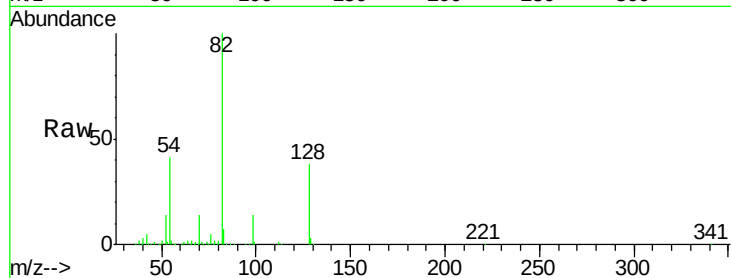




#23
 Nitrobenzene-d5
 Concen: 100.25 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045632.D
 Acq: 6 Jun 2020 2:59

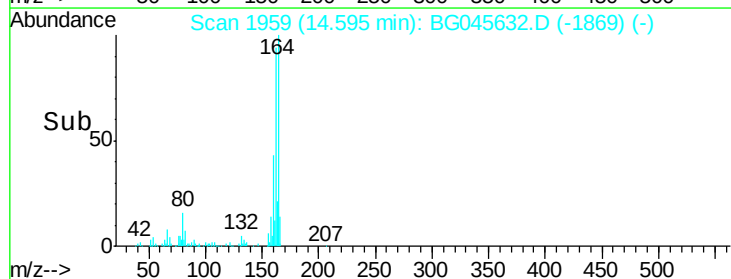
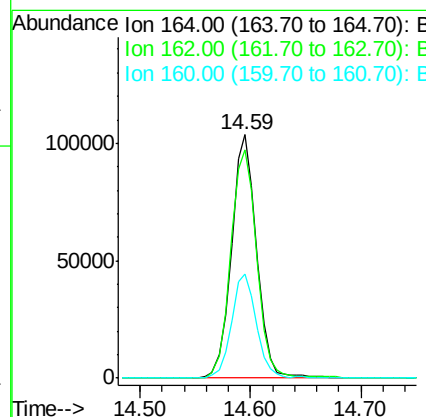
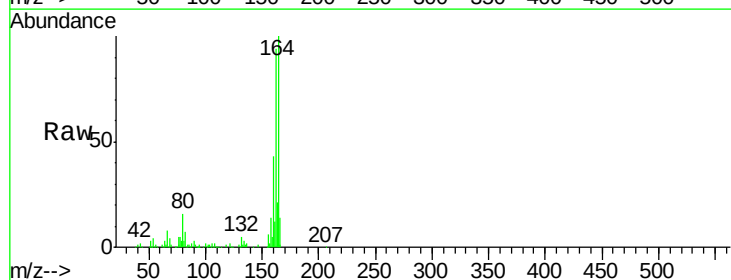
Instrument :
 BNA_G
 ClientSampleId :
 PB129334BL

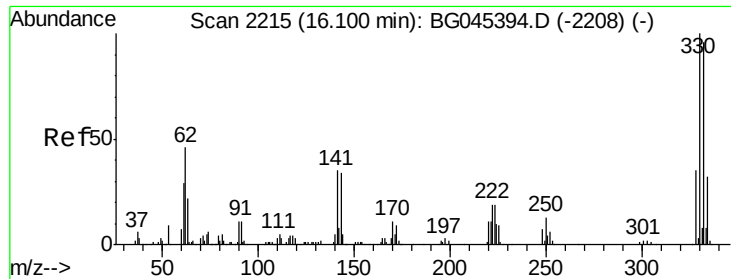
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.9	46.3
54	41.2	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1959
 Delta R.T. -0.00 min
 Lab File: BG045632.D
 Acq: 6 Jun 2020 2:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.9	76.9	115.3
160	42.7	33.8	50.8

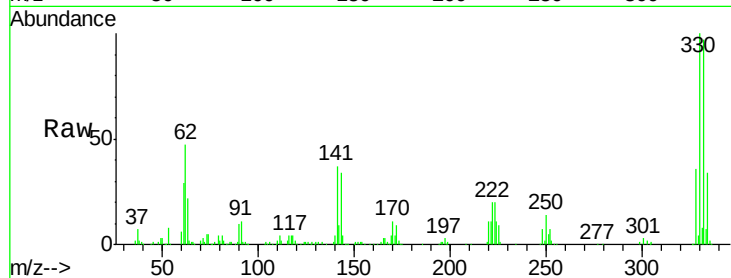




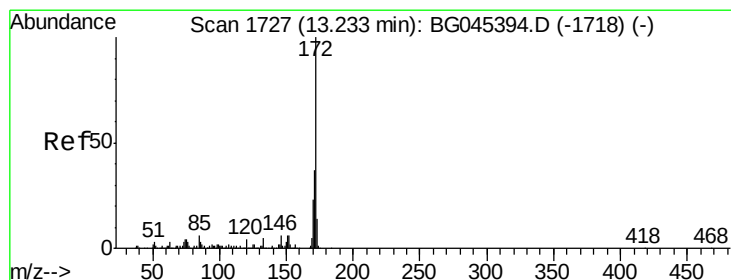
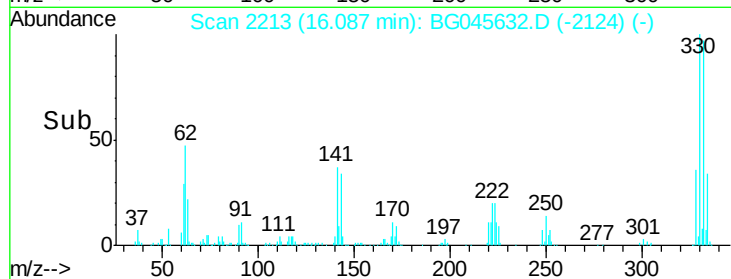
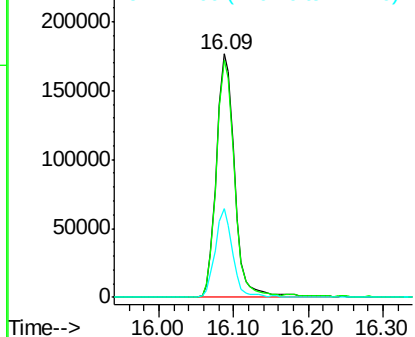
#42
 2,4,6-Tribromophenol
 Concen: 142.90 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG045632.D
 Acq: 6 Jun 2020 2:59

Instrument :
 BNA_G
 ClientSampleId :
 PB129334BL

Tgt Ion:330 Resp: 300838
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.4
 141 34.3 28.2 42.4

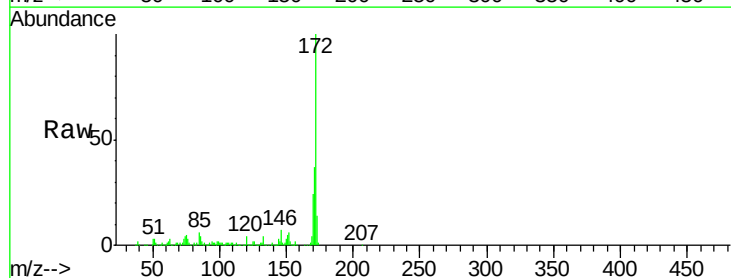


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

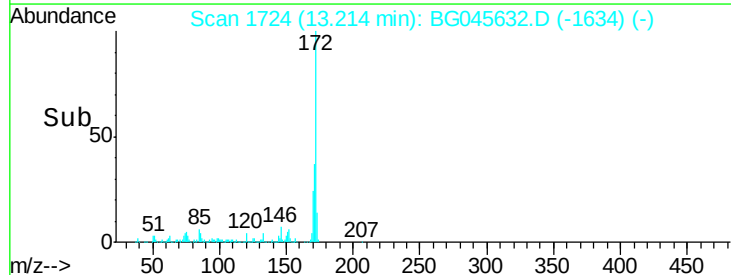
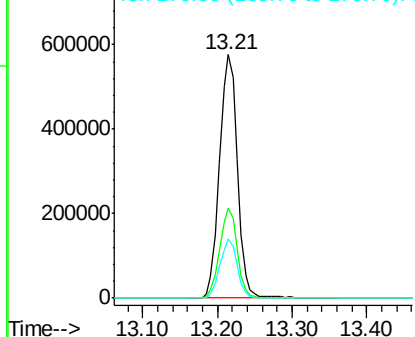


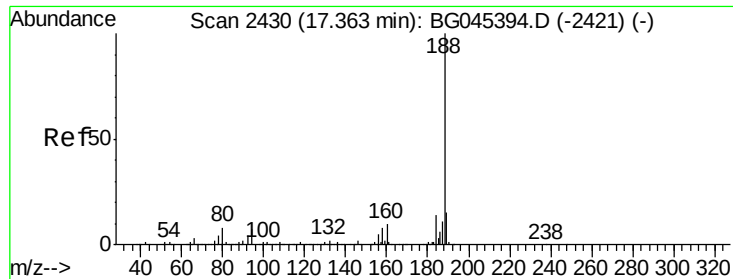
#45
 2-Fluorobiphenyl
 Concen: 99.38 ng
 RT: 13.21 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG045632.D
 Acq: 6 Jun 2020 2:59

Tgt Ion:172 Resp: 964491
 Ion Ratio Lower Upper
 172 100
 171 37.0 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: 20.00 ng

RT: 17.34 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

Instrument :

BNA_G

ClientSampleId :

PB129334BL

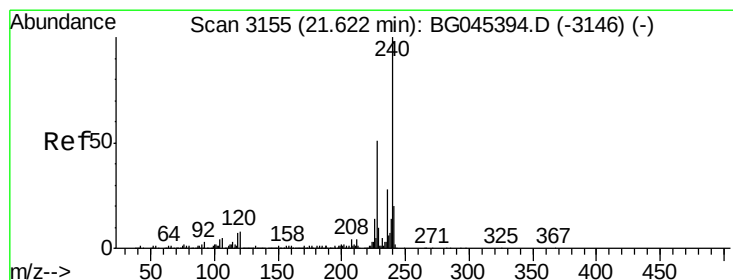
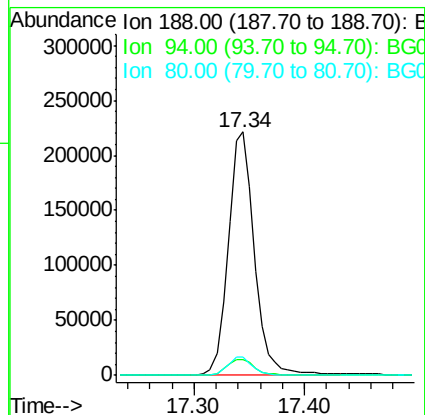
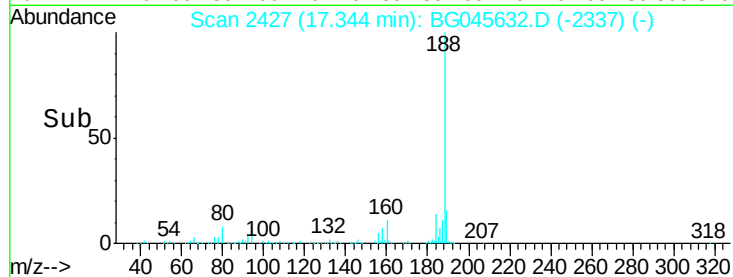
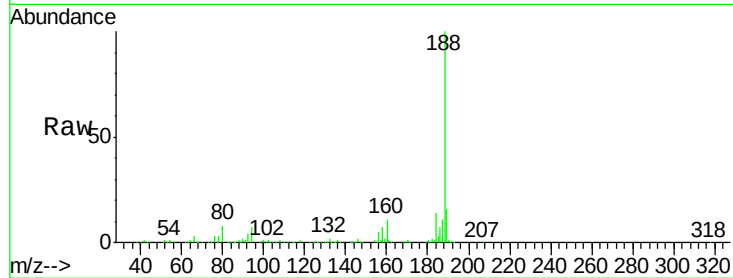
Tgt Ion:188 Resp: 367342

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

80 7.8 6.6 10.0



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

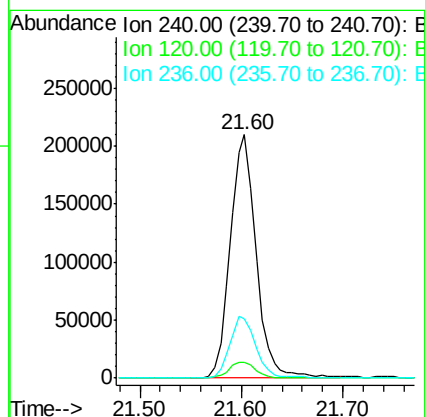
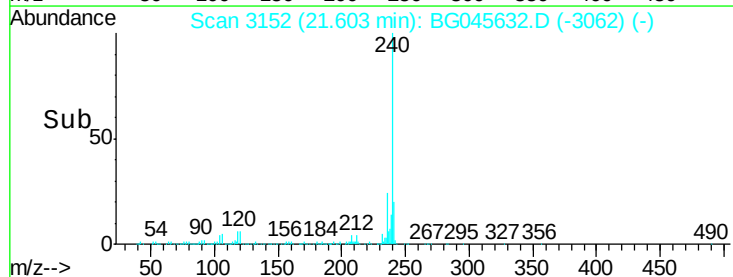
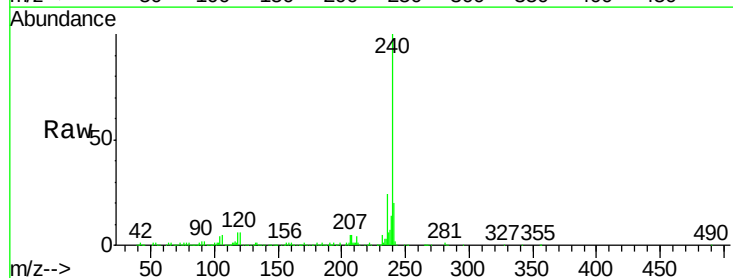
Tgt Ion:240 Resp: 372200

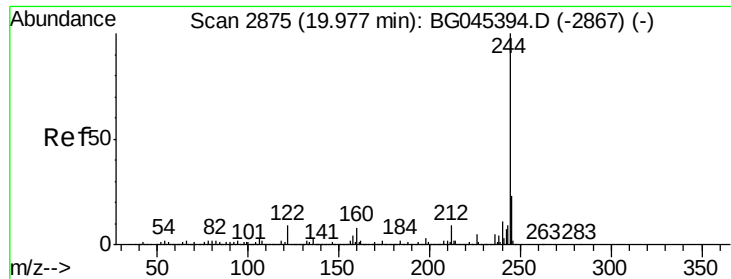
Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 24.3 22.3 33.5





#79

Terphenyl-d14

Concen: 105.83 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045632.D

Acq: 6 Jun 2020 2:59

Instrument :

BNA_G

ClientSampleId :

PB129334BL

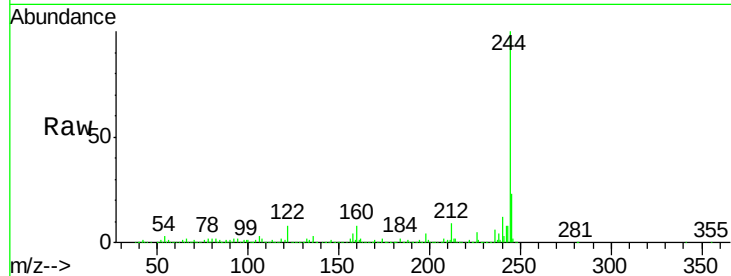
Tgt Ion:244 Resp: 1688953

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

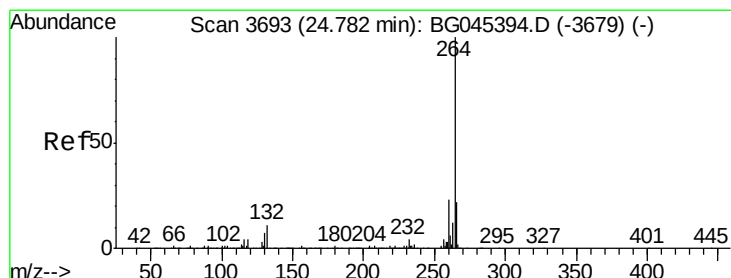
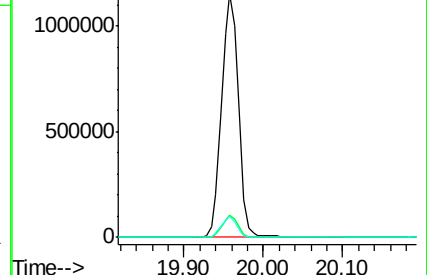
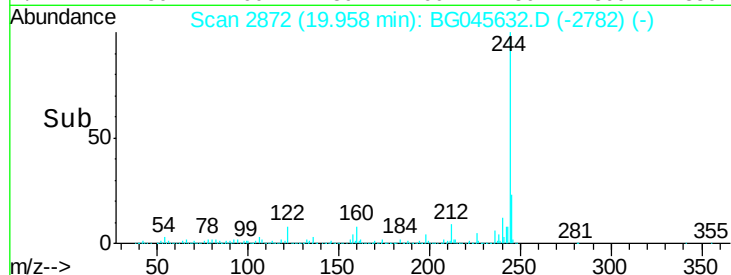
122 8.5 6.8 10.2



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: BG045632.D

Acq: 6 Jun 2020 2:59

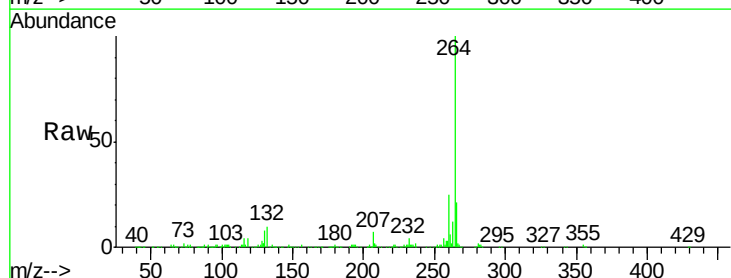
Tgt Ion:264 Resp: 386444

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

265 20.7 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

