

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045621.D
 Acq On : 5 Jun 2020 18:10
 Operator : CG/JU
 Sample : PB129333BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BL

Quant Time: Jun 06 01:50:00 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	60463	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	230253	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	160496	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	361041	20.00	ng	0.00
76) Chrysene-d12	21.60	240	391179	20.00	ng	0.00
87) Perylene-d12	24.74	264	396047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	431972	139.62	ng	0.00
7) Phenol-d6	7.14	99	598941	136.02	ng	0.00
23) Nitrobenzene-d5	9.11	82	412718	97.75	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	287365	140.00	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	914314	96.63	ng	0.00
79) Terphenyl-d14	19.96	244	1686457	100.55	ng	0.00

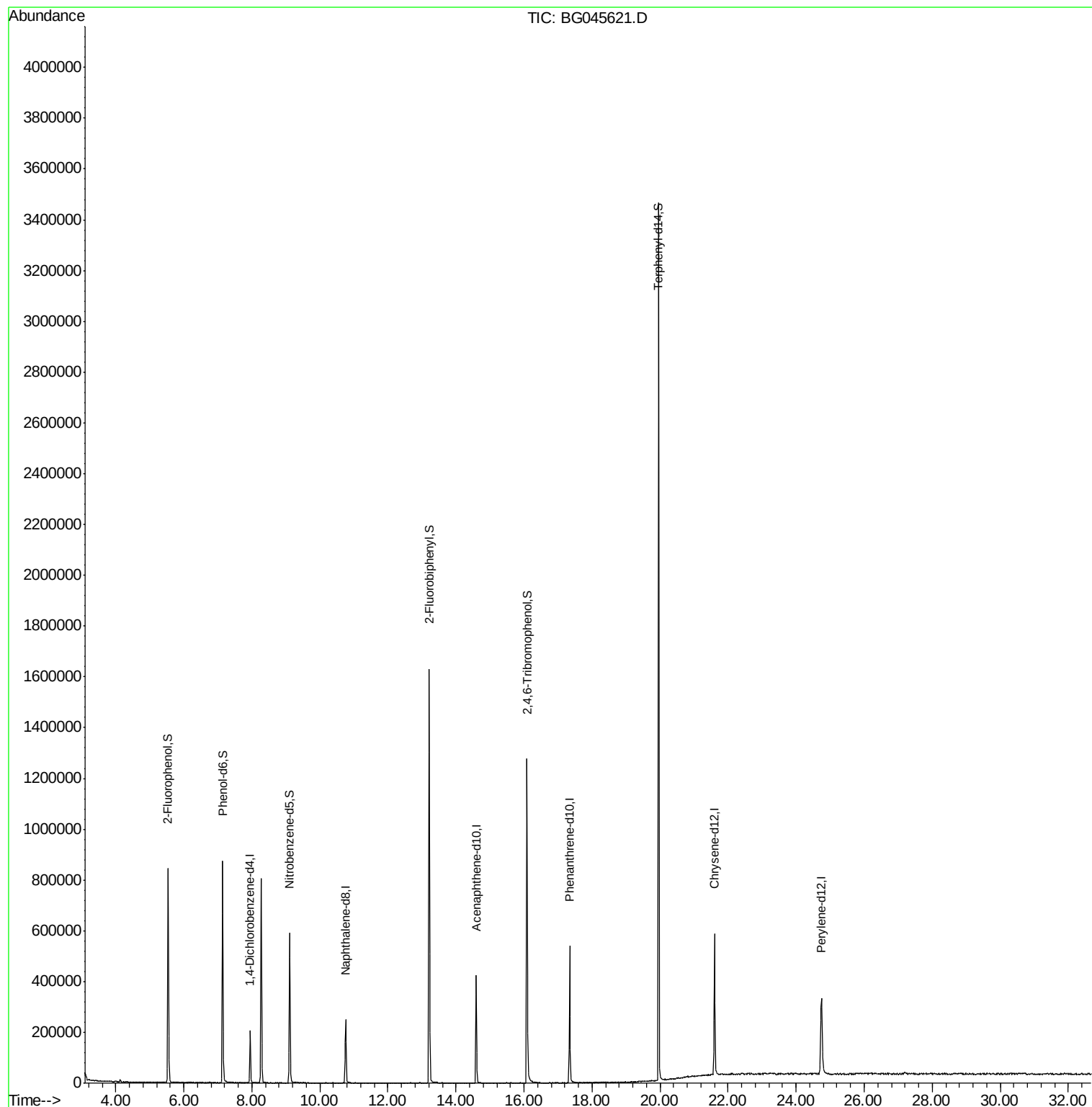
Target Compounds	Qvalue
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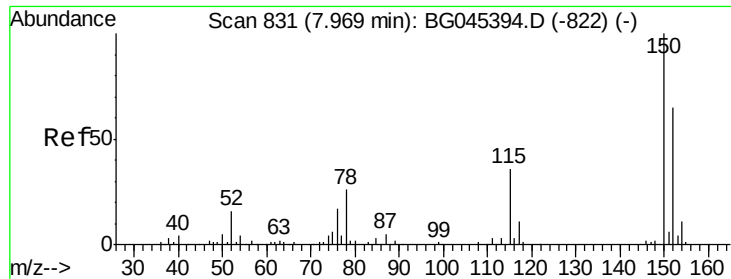
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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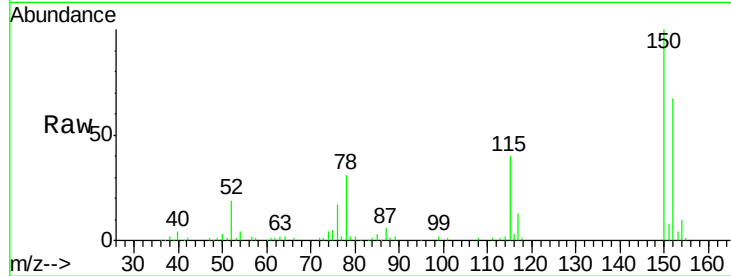


#1

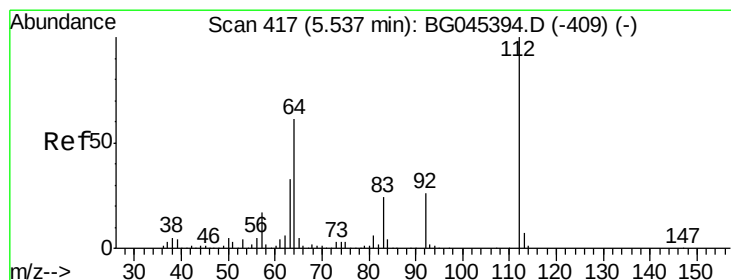
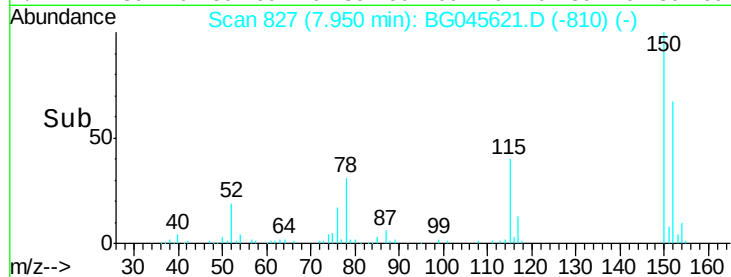
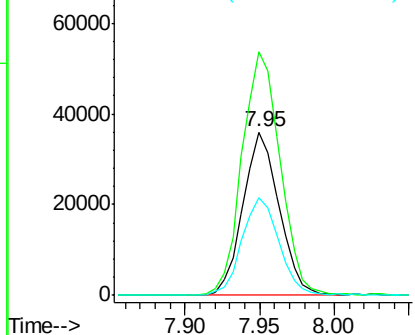
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045621.D
Acq: 5 Jun 2020 18:10

Instrument :
BNA_G
ClientSampleId :
PB129333BL

Tgt Ion:152 Resp: 60463
Ion Ratio Lower Upper
152 100
150 149.2 122.4 183.6
115 59.7 44.2 66.4



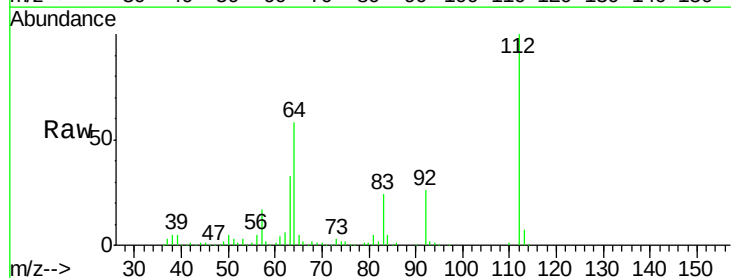
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



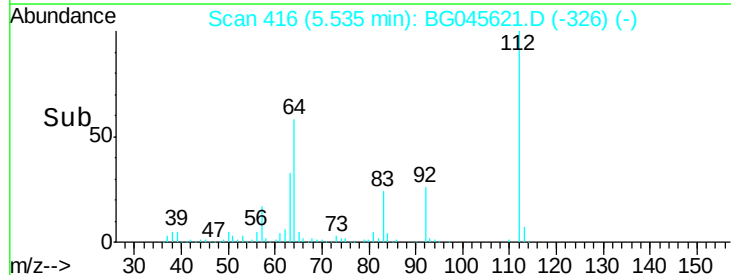
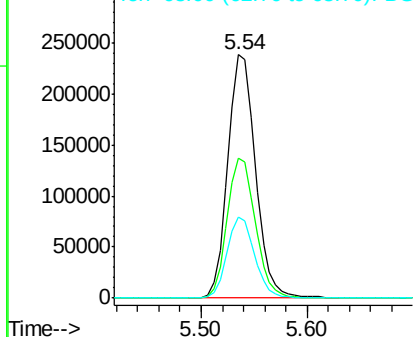
#5

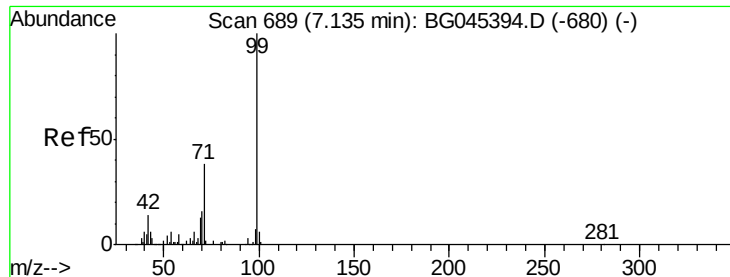
2-Fluorophenol
Concen: 139.62 ng
RT: 5.54 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045621.D
Acq: 5 Jun 2020 18:10

Tgt Ion:112 Resp: 431972
Ion Ratio Lower Upper
112 100
64 57.6 48.6 72.8
63 33.4 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: 136.02 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045621.D

Acq: 5 Jun 2020 18:10

Instrument :

BNA_G

ClientSampleId :

PB129333BL

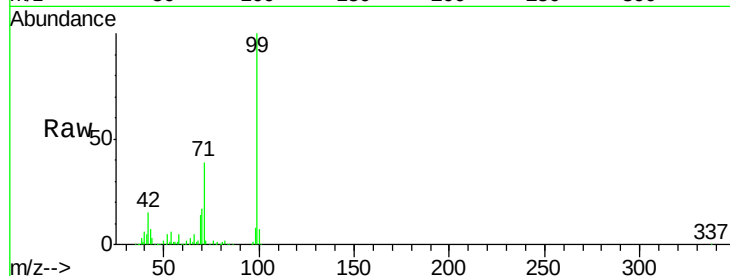
Tgt Ion: 99 Resp: 598941

Ion Ratio Lower Upper

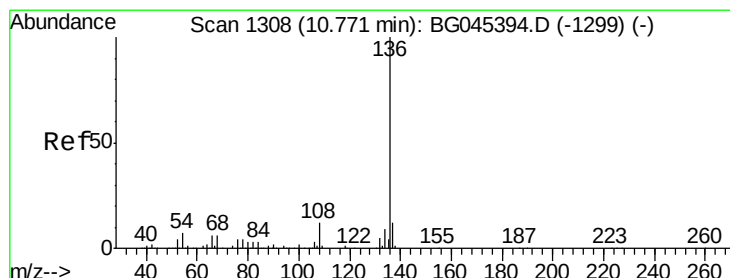
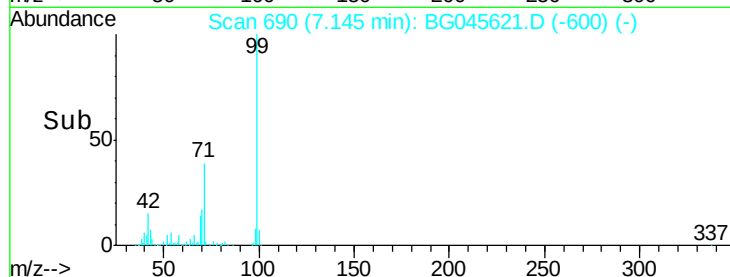
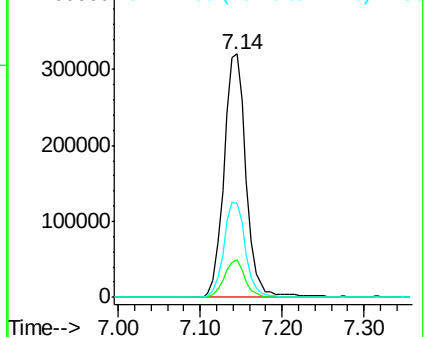
99 100

42 15.5 11.3 16.9

71 38.6 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: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045621.D

Acq: 5 Jun 2020 18:10

Tgt Ion: 136 Resp: 230253

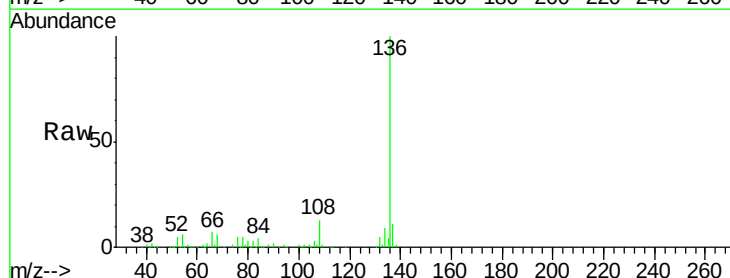
Ion Ratio Lower Upper

136 100

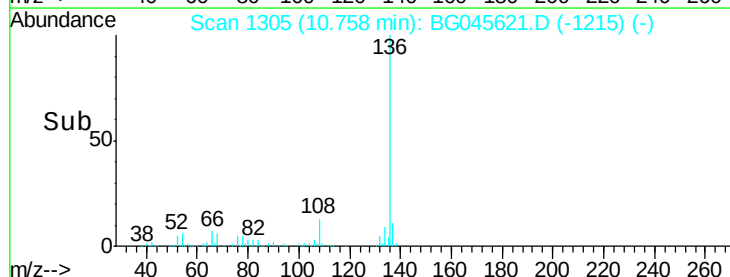
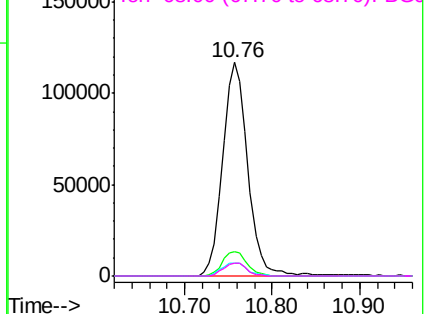
137 11.4 9.4 14.2

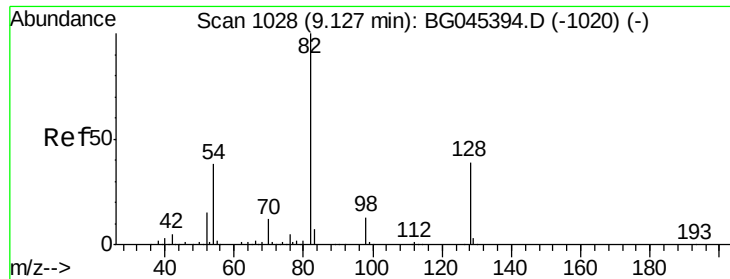
54 6.0 5.8 8.6

68 6.0 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

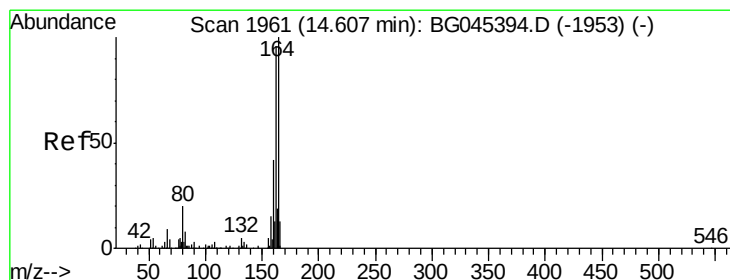
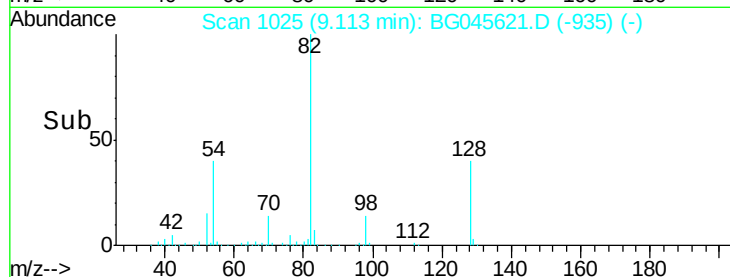
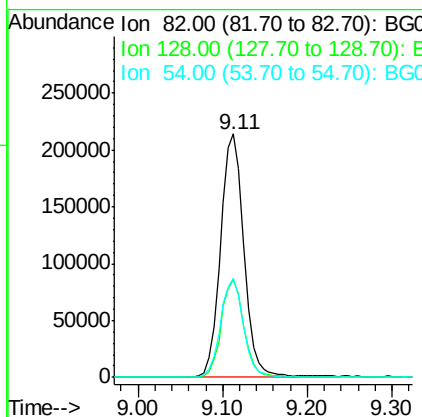
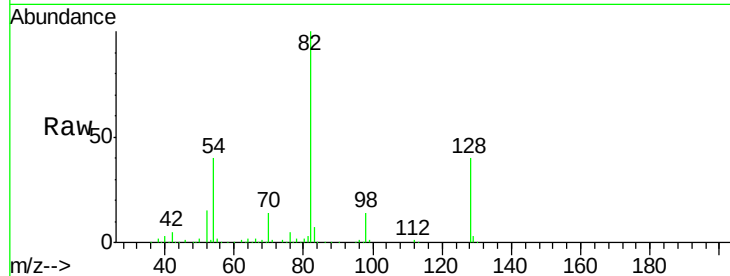




#23
 Nitrobenzene-d5
 Concen: 97.75 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045621.D
 Acq: 5 Jun 2020 18:10

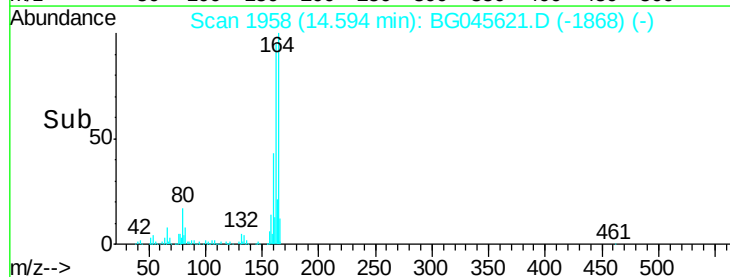
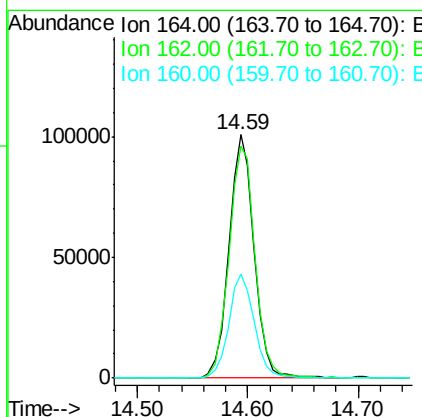
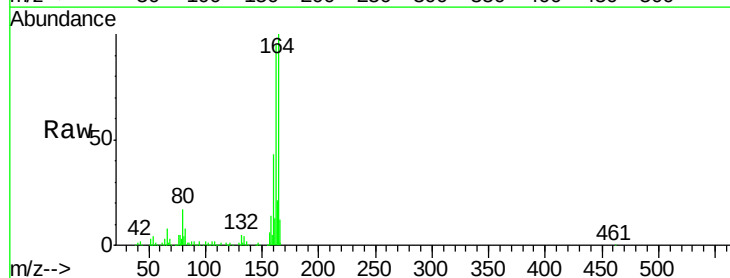
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BL

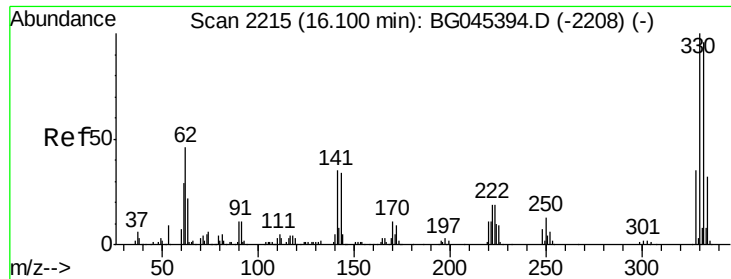
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.9	46.3
54	40.4	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045621.D
 Acq: 5 Jun 2020 18:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.4	76.9	115.3
160	42.9	33.8	50.8

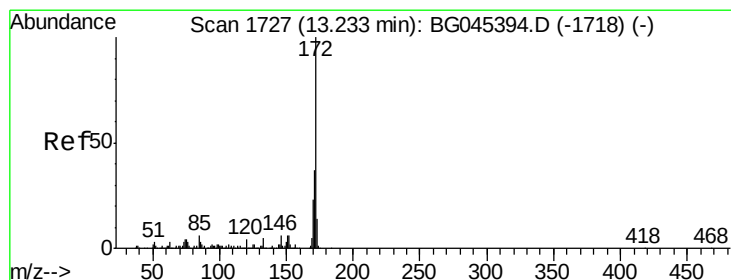
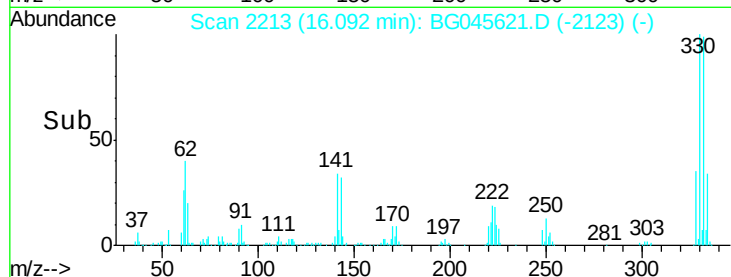
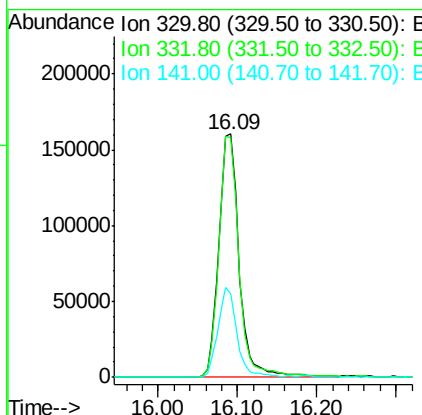
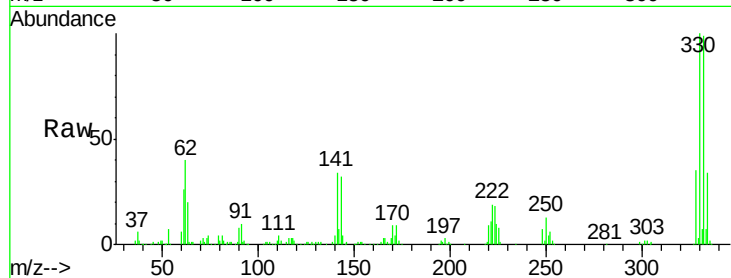




#42
 2,4,6-Tribromophenol
 Concen: 140.00 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045621.D
 Acq: 5 Jun 2020 18:10

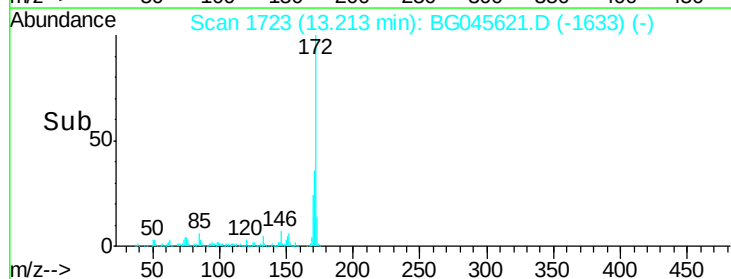
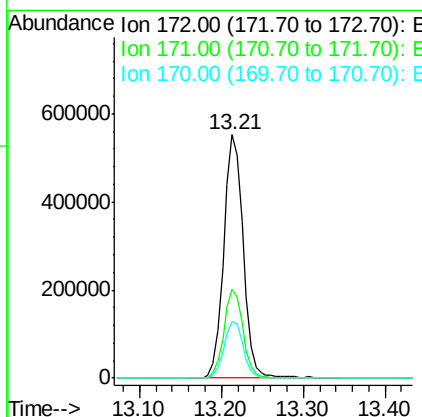
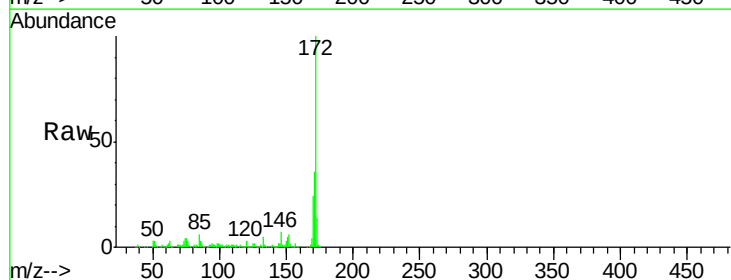
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BL

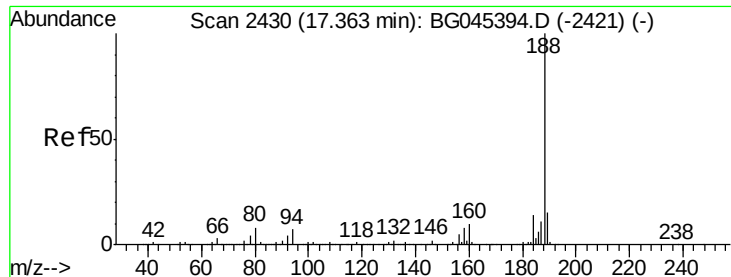
Tgt Ion:330 Resp: 287365
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.2 117.4
 141 34.3 28.2 42.4



#45
 2-Fluorobiphenyl
 Concen: 96.63 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045621.D
 Acq: 5 Jun 2020 18:10

Tgt Ion:172 Resp: 914314
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.5 44.3
 170 23.5 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045621.D

Acq: 5 Jun 2020 18:10

Instrument :

BNA_G

ClientSampleId :

PB129333BL

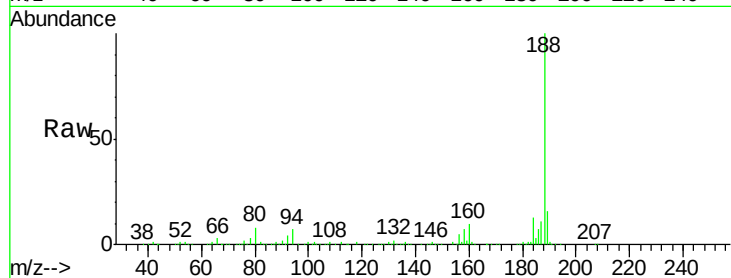
Tgt Ion:188 Resp: 361041

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

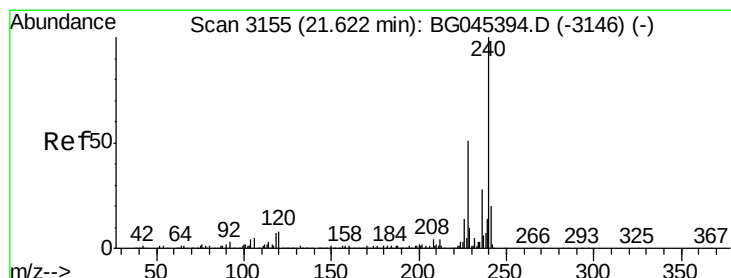
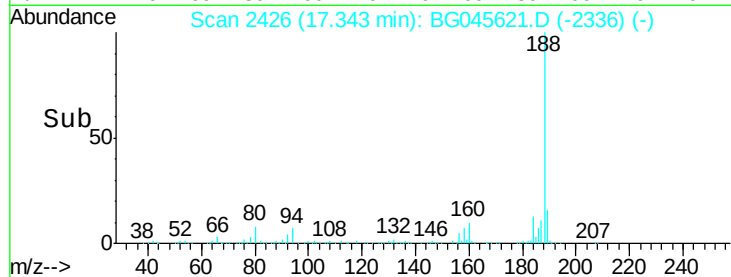
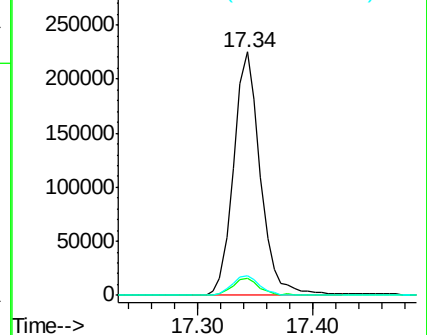
80 8.3 6.6 10.0



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. -0.00 min

Lab File: BG045621.D

Acq: 5 Jun 2020 18:10

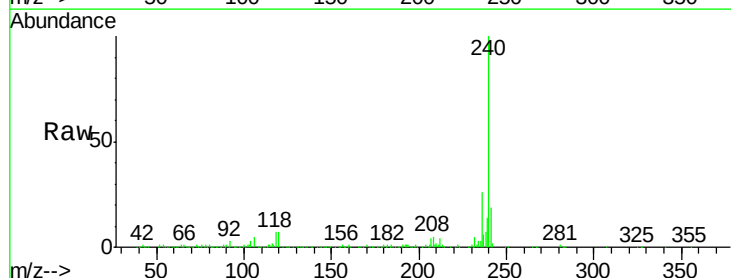
Tgt Ion:240 Resp: 391179

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

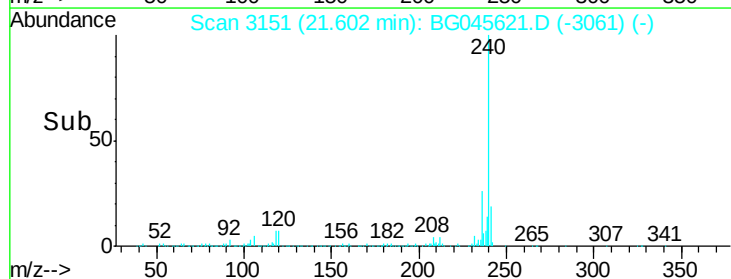
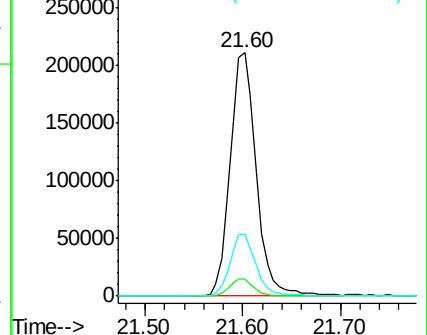
236 25.6 22.3 33.5

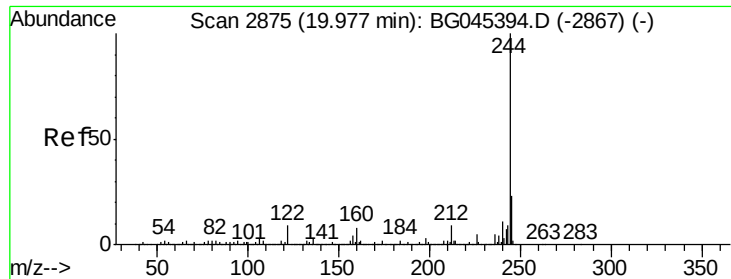


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.55 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045621.D

Acq: 5 Jun 2020 18:10

Instrument :

BNA_G

ClientSampleId :

PB129333BL

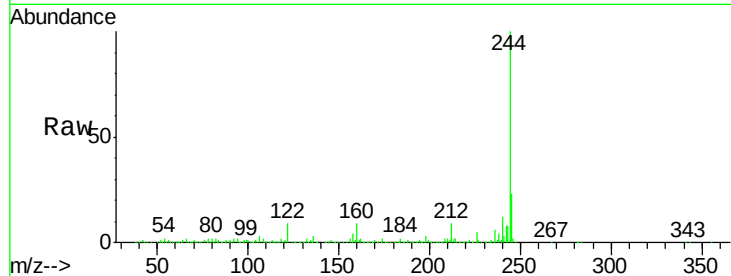
Tgt Ion:244 Resp: 1686457

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

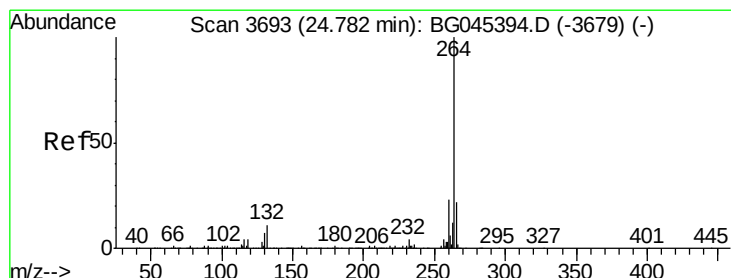
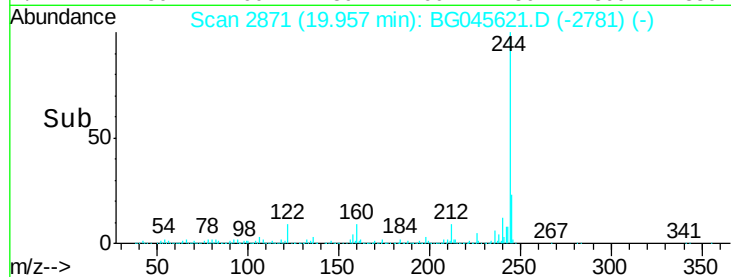
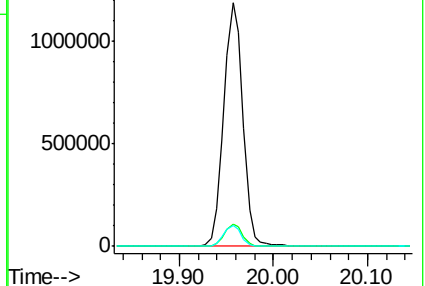
122 8.8 6.8 10.2



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: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045621.D

Acq: 5 Jun 2020 18:10

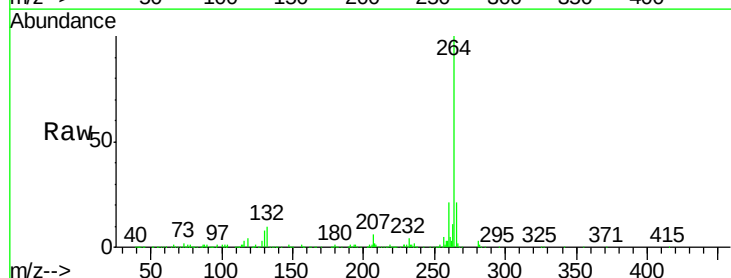
Tgt Ion:264 Resp: 396047

Ion Ratio Lower Upper

264 100

260 21.4 18.2 27.4

265 21.0 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

