

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045402.D
 Acq On : 15 May 2020 18:33
 Operator : CG/JU
 Sample : PB128906BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BL

Quant Time: May 15 19:10:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	66720	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	257380	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	183683	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	431230	20.00	ng	0.00
76) Chrysene-d12	21.62	240	474926	20.00	ng	0.00
87) Perylene-d12	24.78	264	500559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	476029	139.43	ng	0.00
7) Phenol-d6	7.14	99	648488	133.46	ng	0.00
23) Nitrobenzene-d5	9.12	82	467050	98.95	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	327565	139.44	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1050807	97.04	ng	0.00
79) Terphenyl-d14	19.97	244	1974747	96.98	ng	0.00

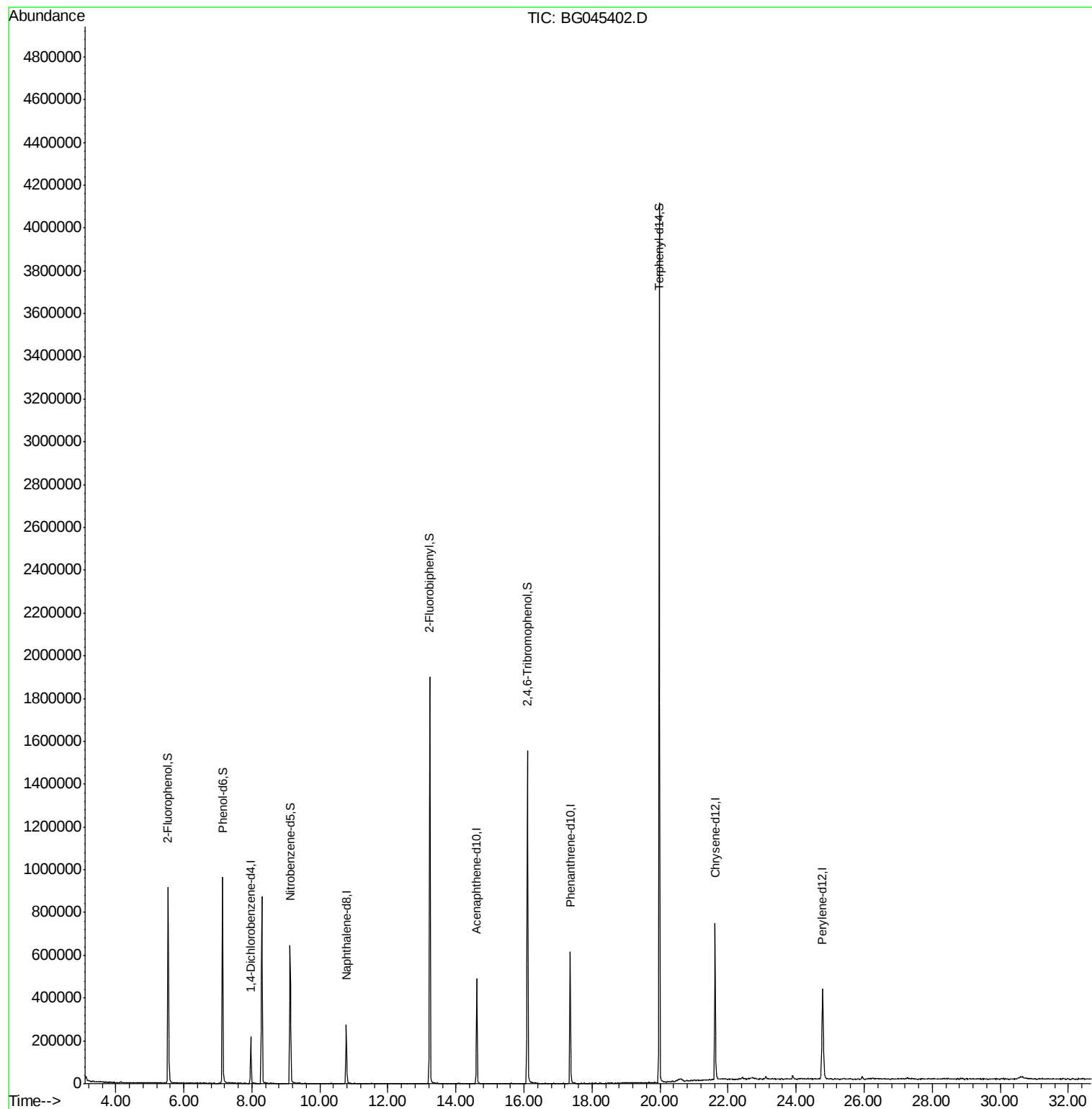
Target Compounds Qvalue

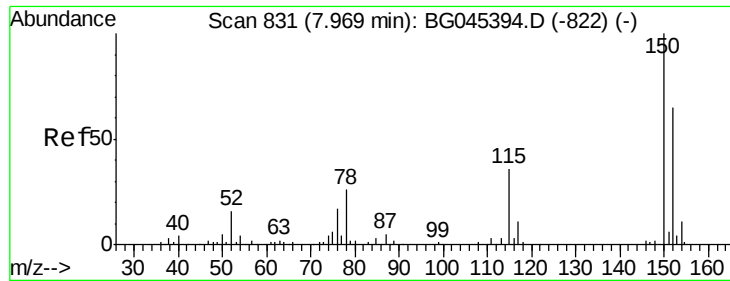
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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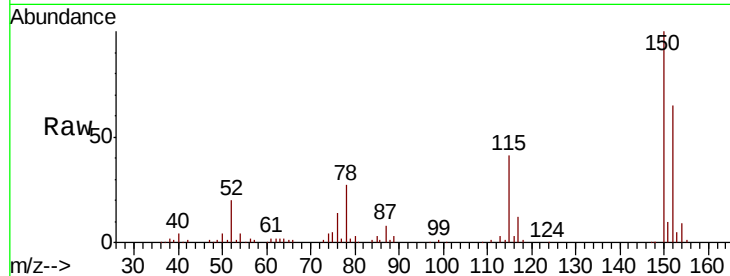


#1

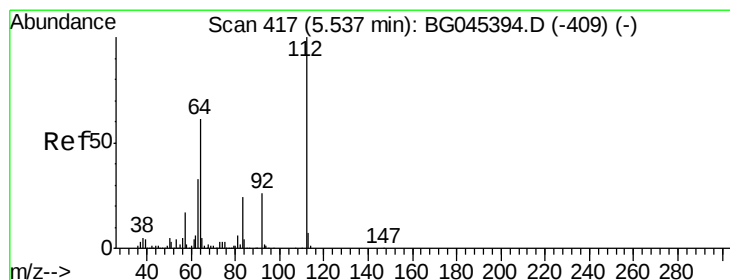
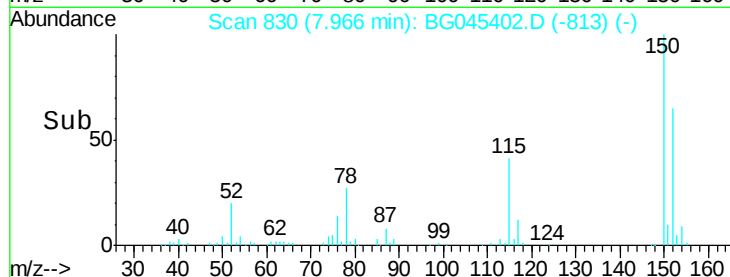
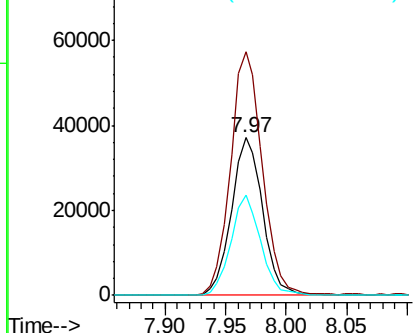
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tot Ion:152 Resp: 66720
Ion Ratio Lower Upper
152 100
150 154.6 122.4 183.6
115 64.1 44.2 66.4



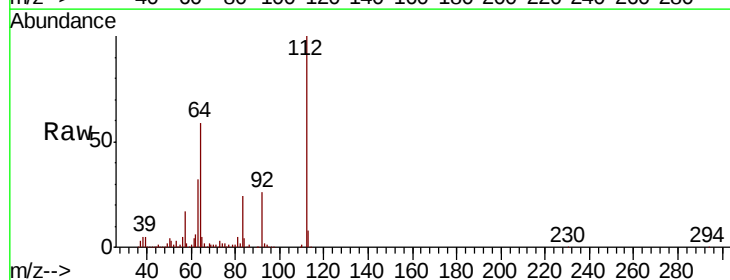
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



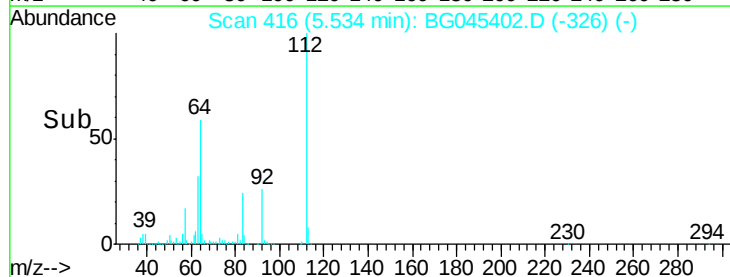
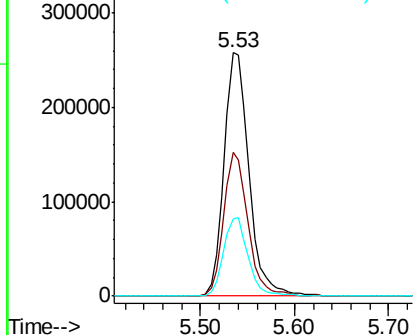
#5

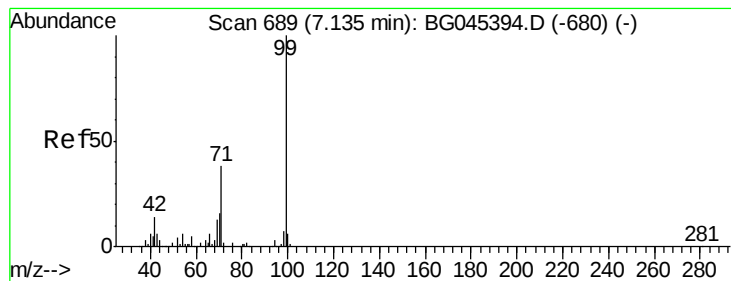
2-Fluorophenol
Concen: 139.434 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:112 Resp: 476029
Ion Ratio Lower Upper
112 100
64 58.8 48.6 72.8
63 31.6 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: 133.457 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

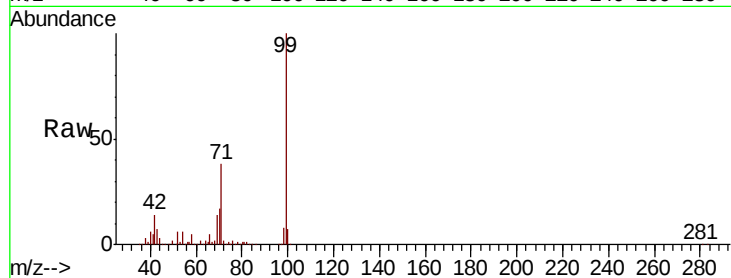
Tot Ion: 99 Resp: 648488

Ion Ratio Lower Upper

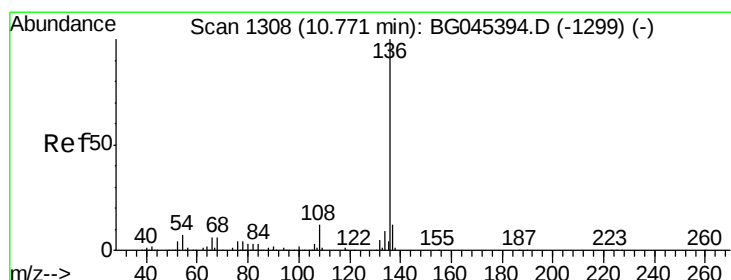
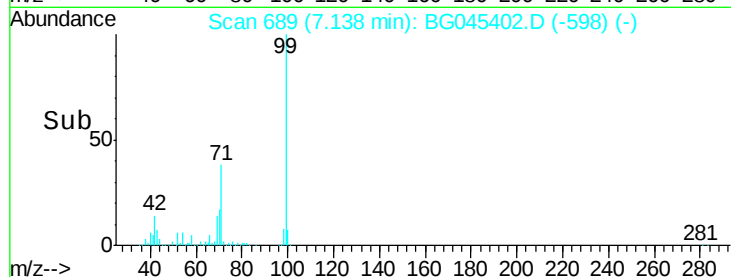
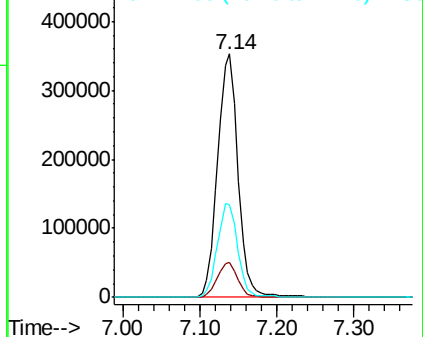
99 100

42 14.3 11.3 16.9

71 38.1 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: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Tgt Ion: 136 Resp: 257380

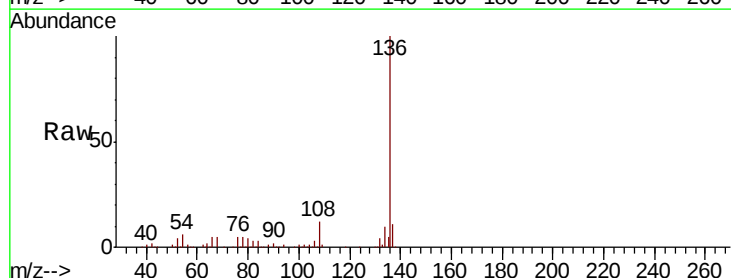
Ion Ratio Lower Upper

136 100

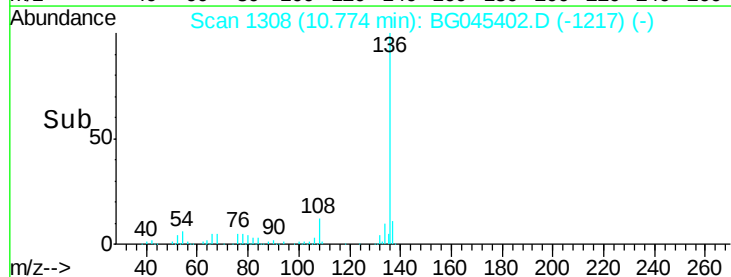
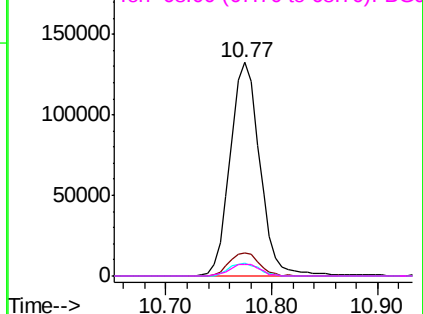
137 11.0 9.4 14.2

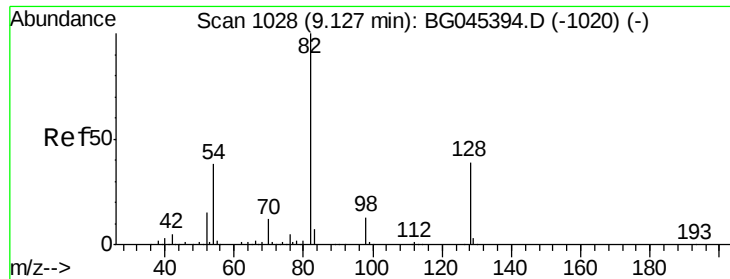
54 5.7 5.8 8.6#

68 5.4 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

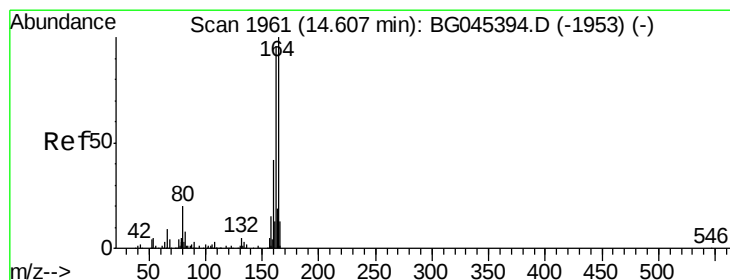
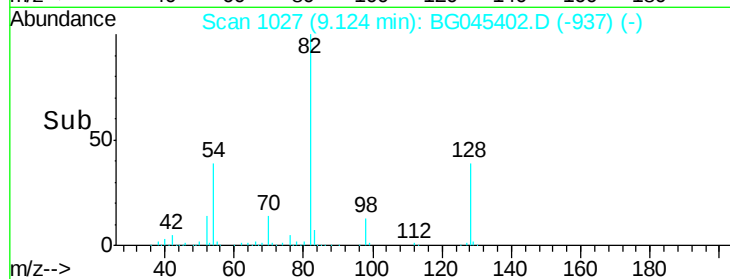
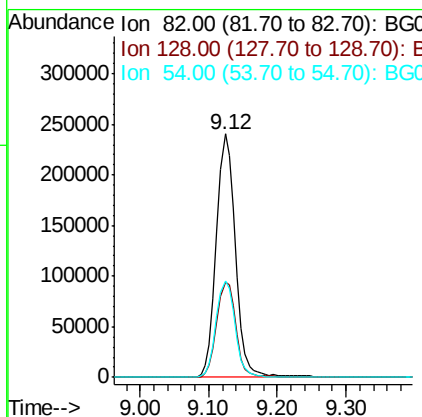
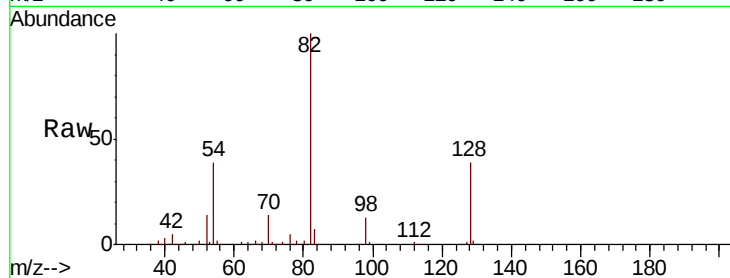




#23
 Nitrobenzene-d5
 Concen: 98.955 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045402.D
 Acq: 15 May 2020 18:33

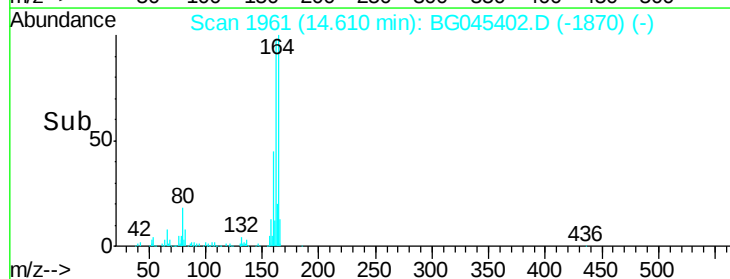
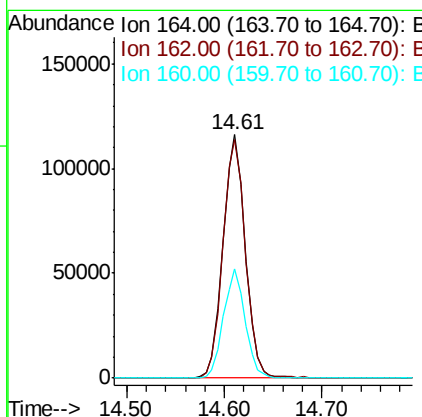
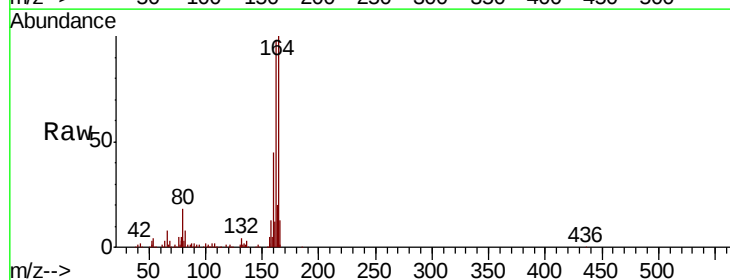
Instrument :
 BNA_G
 ClientSampleId :
 PB128906BL

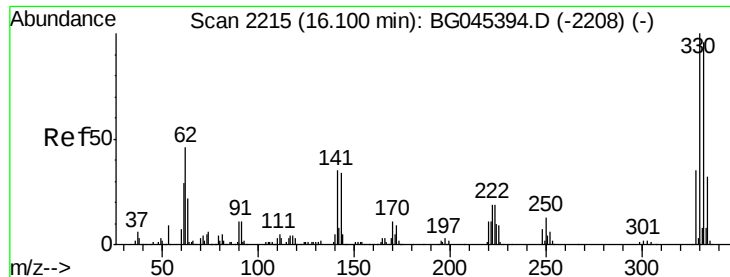
Tot Ion	82	Resp	467050
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.9	46.3
54	39.5	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG045402.D
 Acq: 15 May 2020 18:33

Tgt Ion	164	Resp	183683
Ion Ratio	Lower	Upper	
164	100		
162	97.7	76.9	115.3
160	44.6	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 139.443 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampled :

PB128906BL

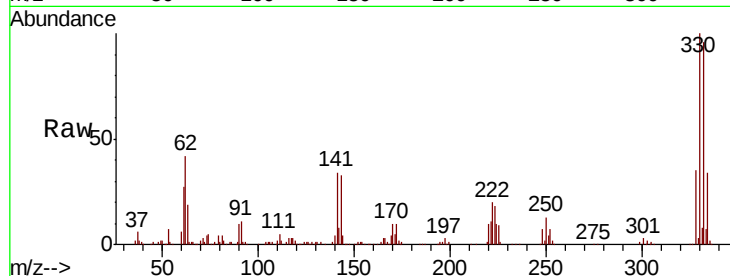
Tot Ion:330 Resp: 327565

Ion Ratio Lower Upper

330 100

332 99.2 78.2 117.4

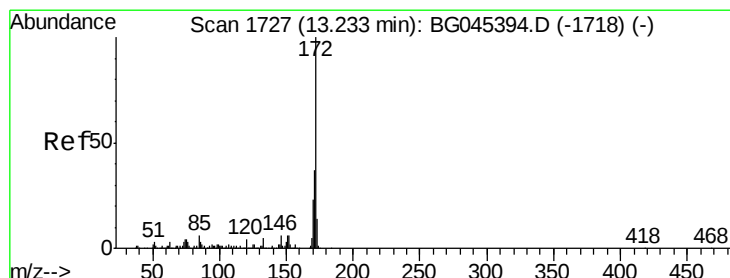
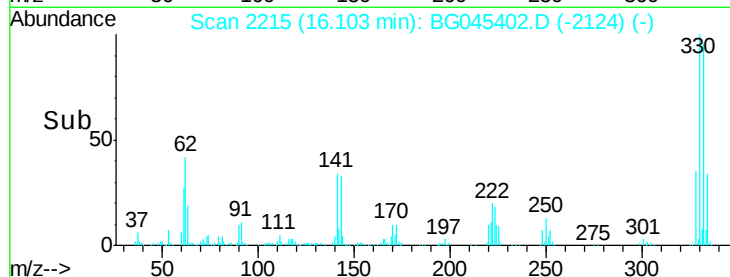
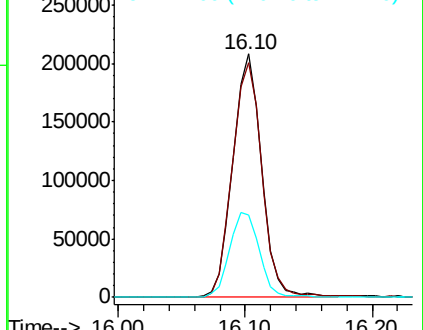
141 36.0 28.2 42.4



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: 97.036 ng

RT: 13.23 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

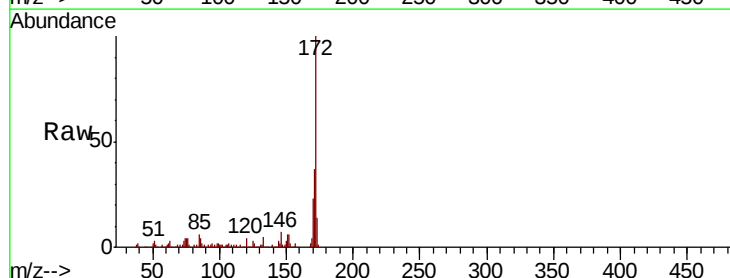
Tgt Ion:172 Resp: 1050807

Ion Ratio Lower Upper

172 100

171 36.9 29.5 44.3

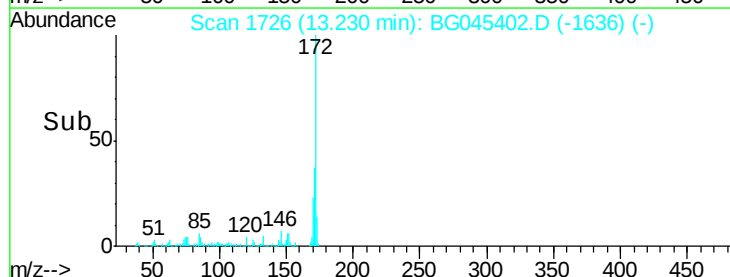
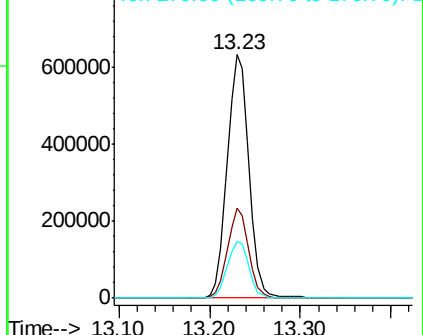
170 23.3 18.5 27.7

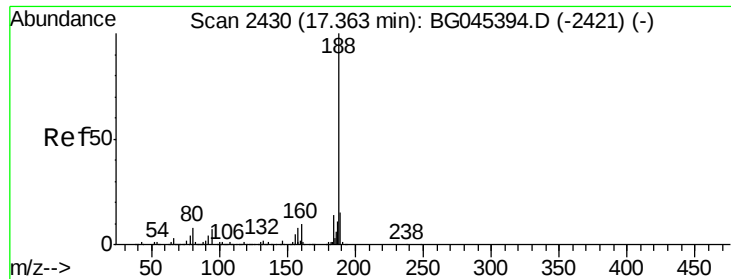


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

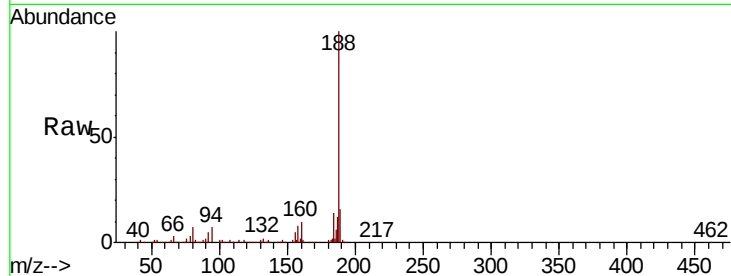
Tot Ion:188 Resp: 431230

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

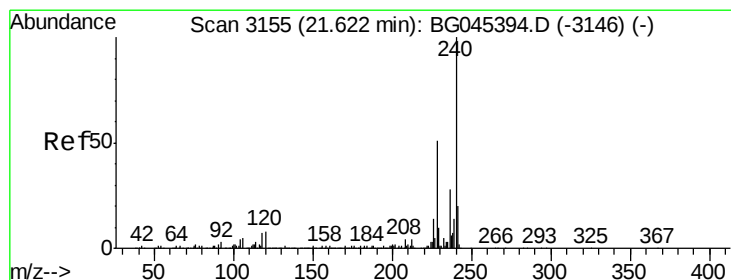
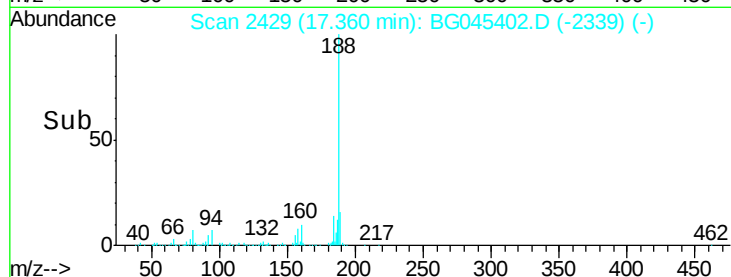
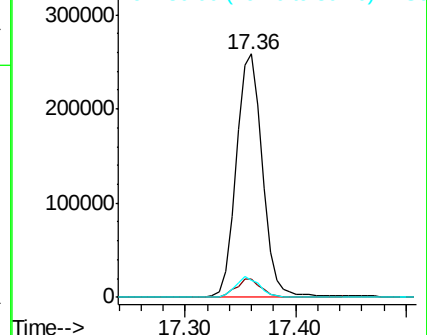
80 7.0 6.6 10.0



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: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

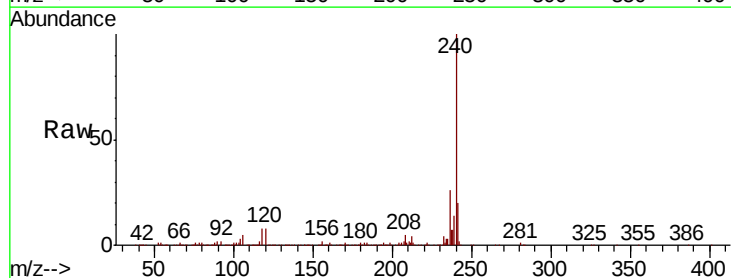
Tgt Ion:240 Resp: 474926

Ion Ratio Lower Upper

240 100

120 8.0 6.1 9.1

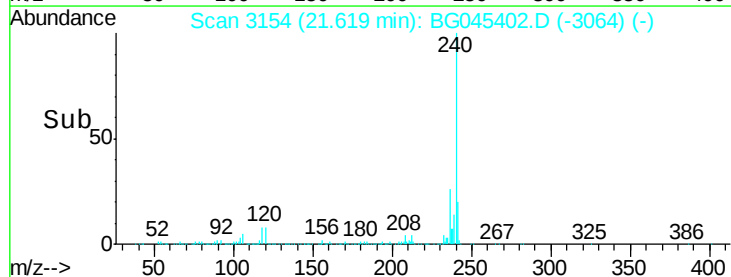
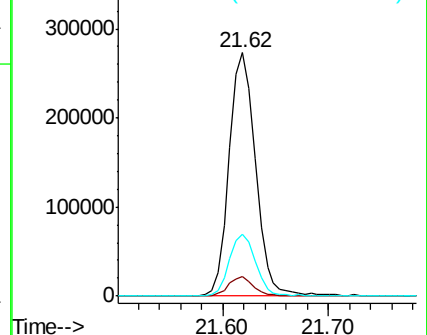
236 25.6 22.3 33.5

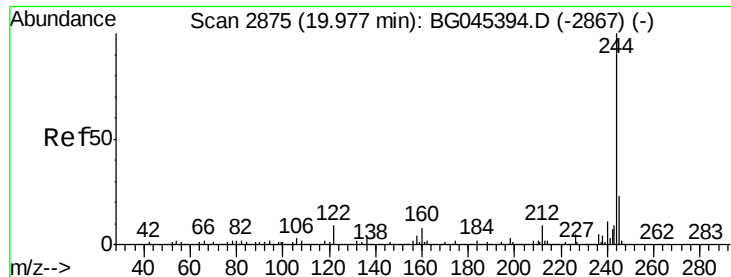


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.977 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

Instrument :

BNA_G

ClientSampleId :

PB128906BL

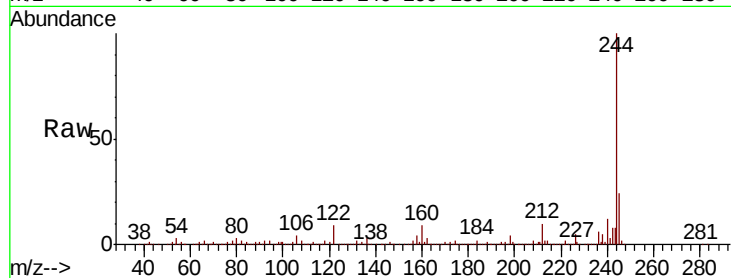
Tot Ion:244 Resp: 1974747

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

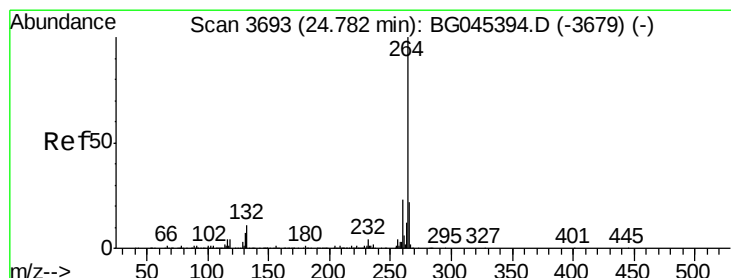
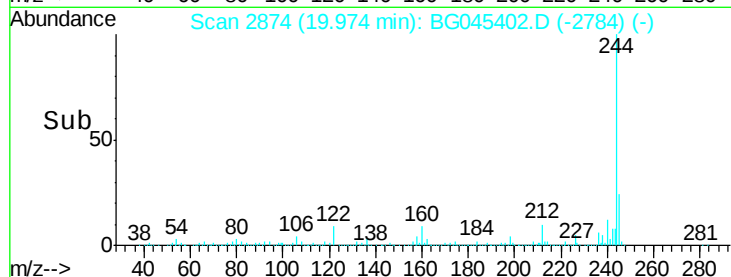
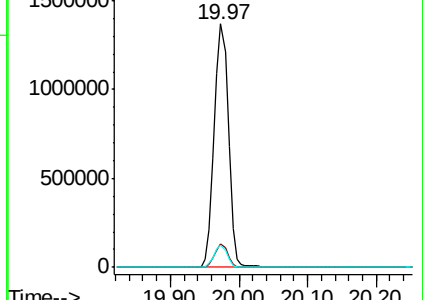
122 9.1 6.8 10.2



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: 20.000 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG045402.D

Acq: 15 May 2020 18:33

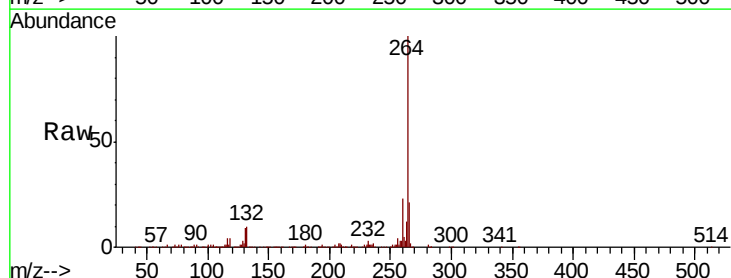
Tgt Ion:264 Resp: 500559

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.2 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

