

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045675.D
 Acq On : 10 Jun 2020 1:15
 Operator : CG/JU
 Sample : PB129440TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129440TB

Quant Time: Jun 10 02:37:12 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	60616	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	243641	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	173058	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	382263	20.00	ng	0.00
76) Chrysene-d12	21.60	240	371174	20.00	ng	0.00
87) Perylene-d12	24.74	264	369982	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	500562	161.38	ng	0.00
7) Phenol-d6	7.14	99	731419	165.68	ng	0.00
23) Nitrobenzene-d5	9.11	82	508748	113.87	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	353464	159.71	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1177978	115.46	ng	0.00
79) Terphenyl-d14	19.95	244	1884662	118.42	ng	0.00

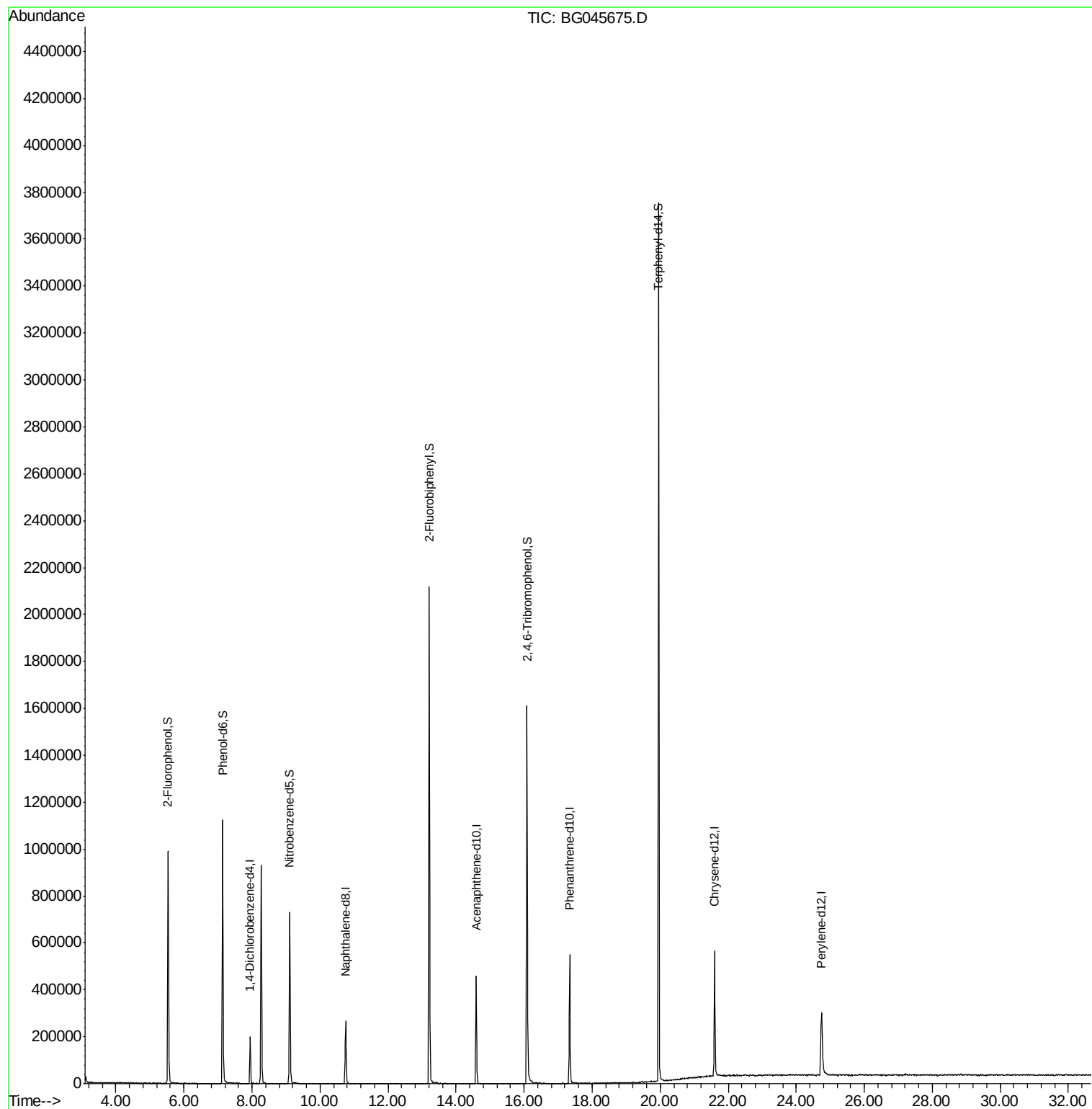
Target Compounds	Qvalue
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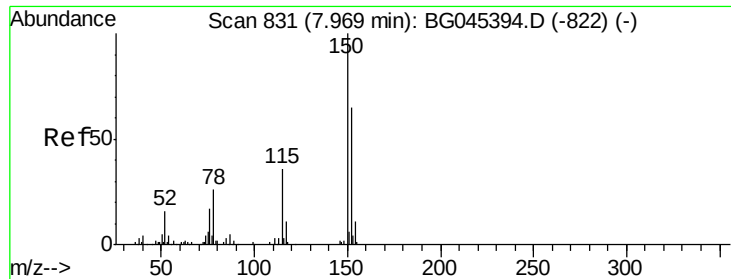
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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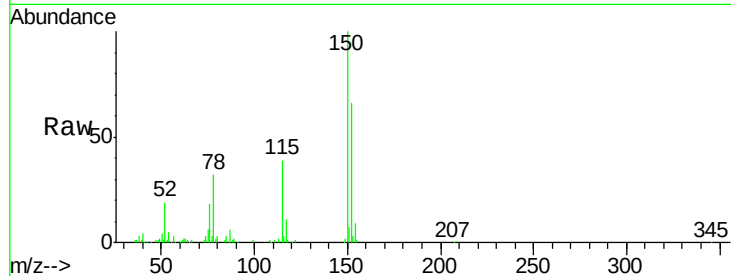


#1

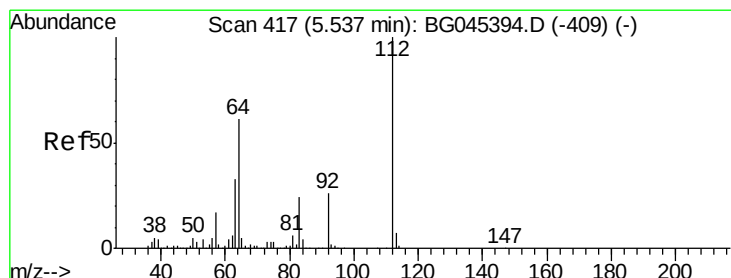
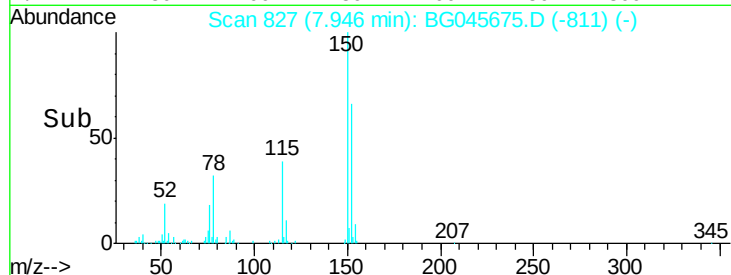
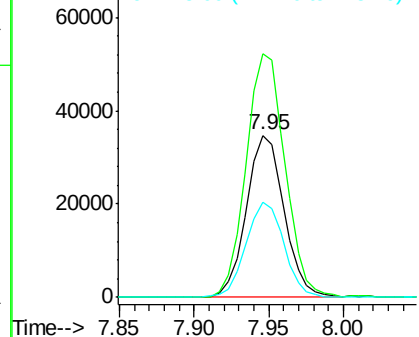
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045675.D
Acq: 10 Jun 2020 1:15

Instrument :
BNA_G
ClientSampleId :
PB129440TB

Tgt Ion:152 Resp: 60616
Ion Ratio Lower Upper
152 100
150 150.5 122.4 183.6
115 58.9 44.2 66.4



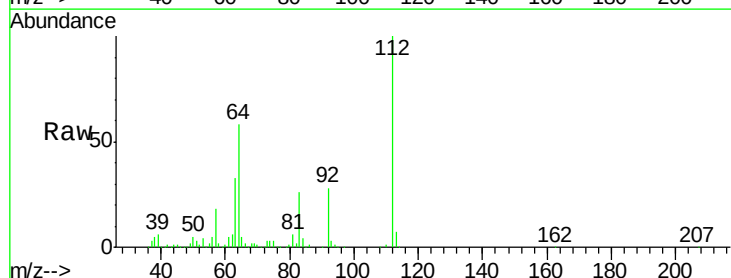
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



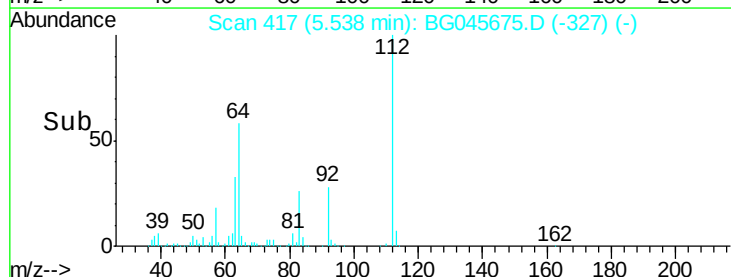
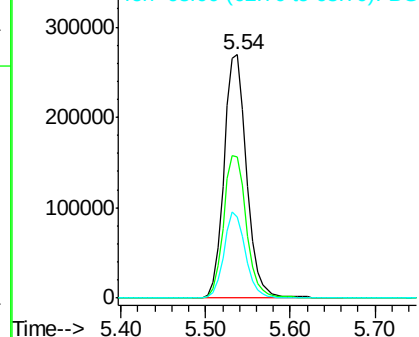
#5

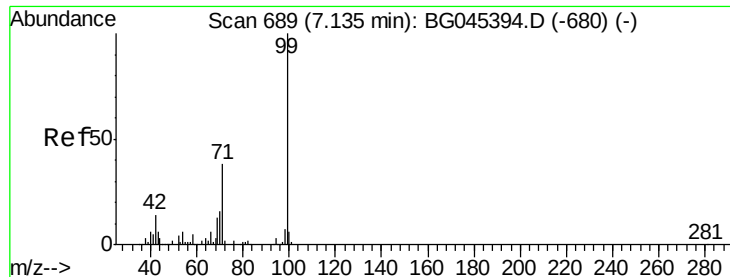
2-Fluorophenol
Concen: 161.38 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045675.D
Acq: 10 Jun 2020 1:15

Tgt Ion:112 Resp: 500562
Ion Ratio Lower Upper
112 100
64 57.9 48.6 72.8
63 33.5 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: 165.68 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045675.D

Acq: 10 Jun 2020 1:15

Instrument :

BNA_G

ClientSampleId :

PB129440TB

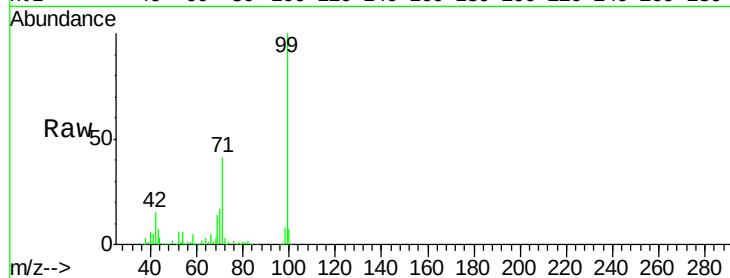
Tgt Ion: 99 Resp: 731419

Ion Ratio Lower Upper

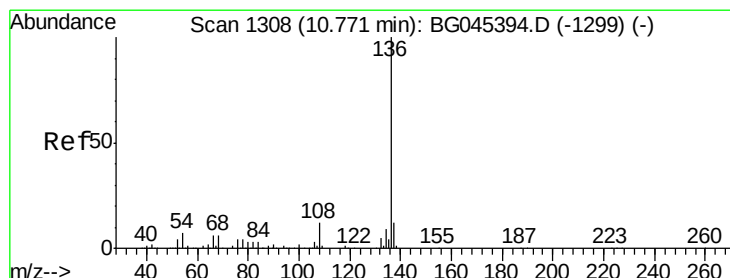
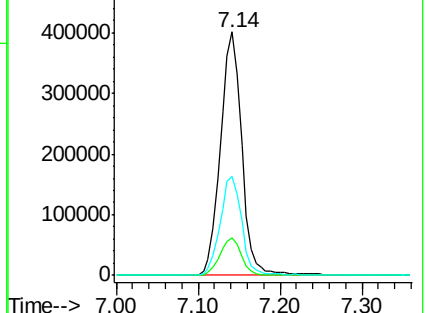
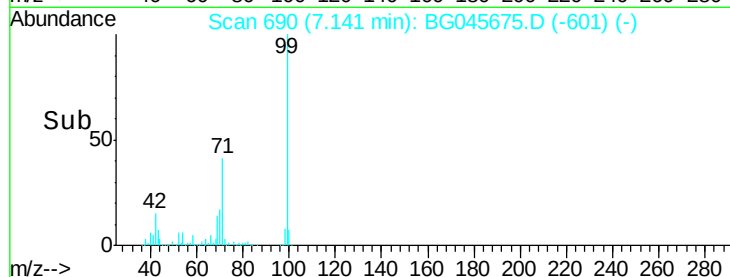
99 100

42 15.2 11.3 16.9

71 40.5 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: BG045675.D

Acq: 10 Jun 2020 1:15

Tgt Ion: 136 Resp: 243641

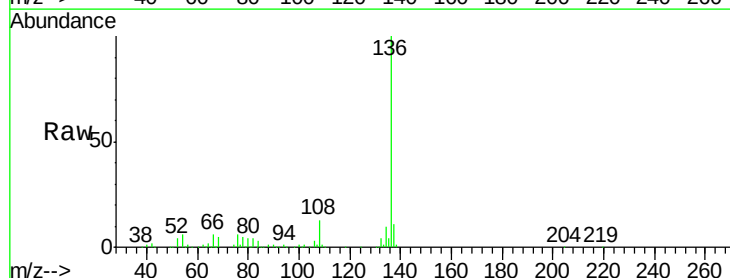
Ion Ratio Lower Upper

136 100

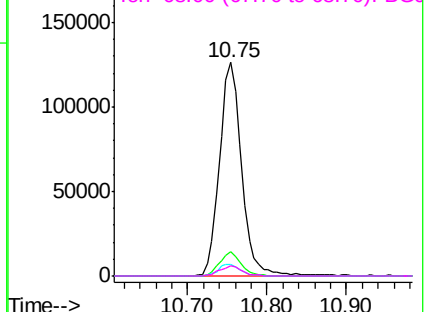
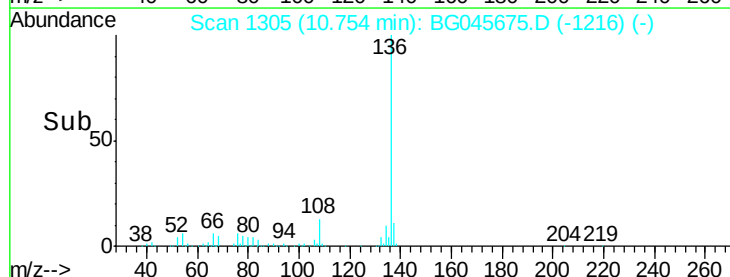
137 11.5 9.4 14.2

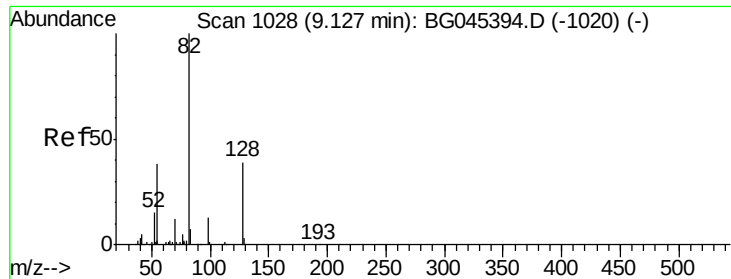
54 5.6 5.8 8.6#

68 4.9 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

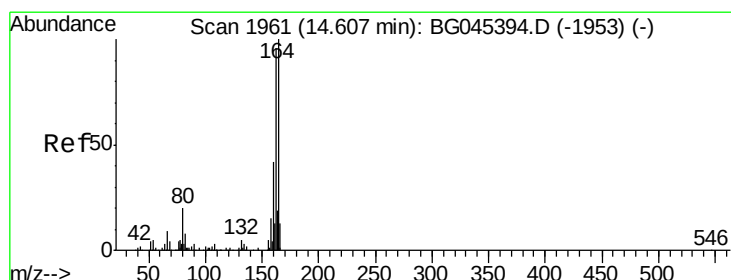
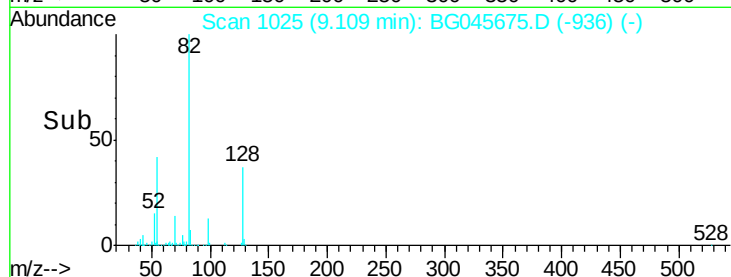
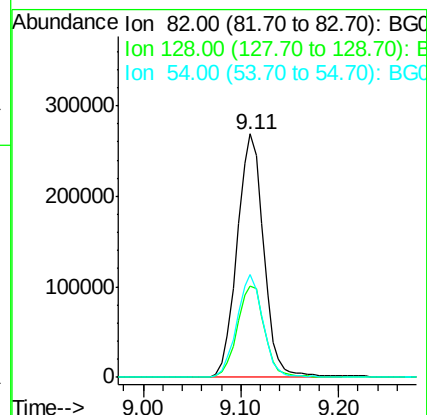
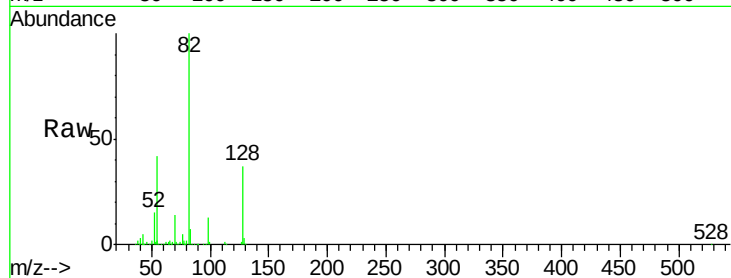




#23
 Nitrobenzene-d5
 Concen: 113.87 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045675.D
 Acq: 10 Jun 2020 1:15

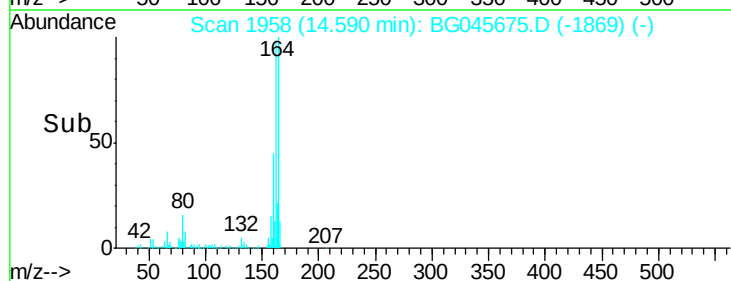
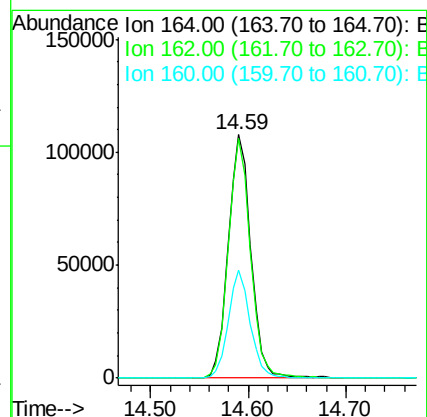
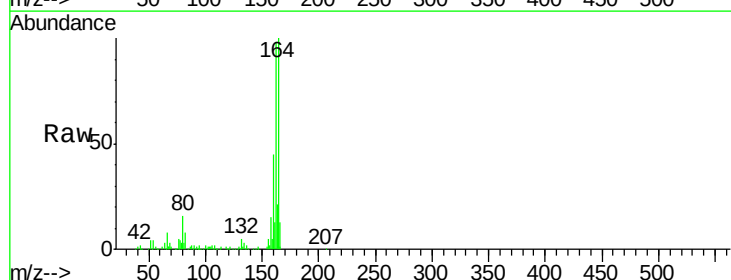
Instrument :
 BNA_G
 ClientSampleId :
 PB129440TB

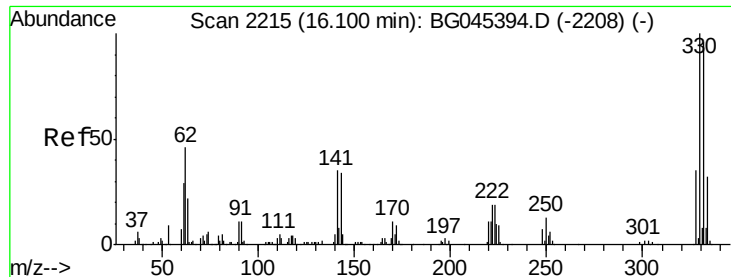
Tgt Ion: 82 Resp: 508748
 Ion Ratio Lower Upper
 82 100
 128 37.5 30.9 46.3
 54 42.5 30.3 45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG045675.D
 Acq: 10 Jun 2020 1:15

Tgt Ion: 164 Resp: 173058
 Ion Ratio Lower Upper
 164 100
 162 98.5 76.9 115.3
 160 44.5 33.8 50.8





#42

2,4,6-Tribromophenol

Concen: 159.71 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045675.D

Acq: 10 Jun 2020 1:15

Instrument :

BNA_G

ClientSampleId :

PB129440TB

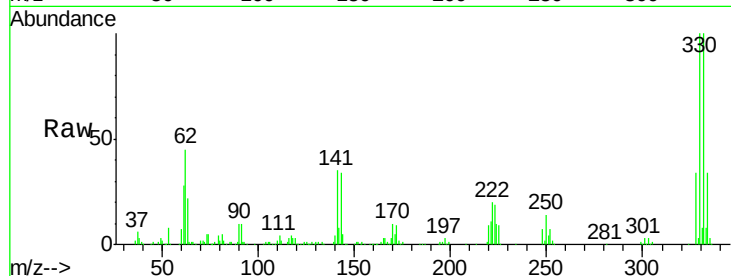
Tgt Ion:330 Resp: 353464

Ion Ratio Lower Upper

330 100

332 98.9 78.2 117.4

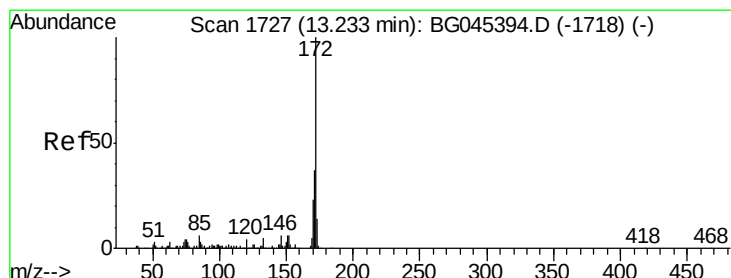
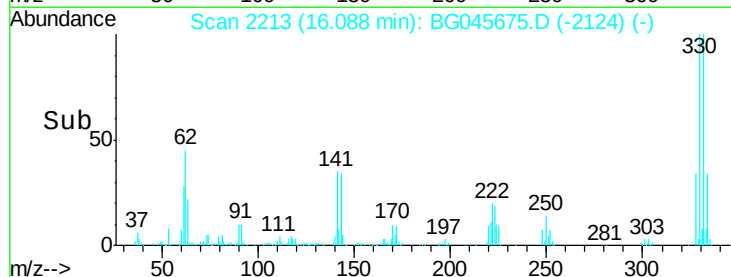
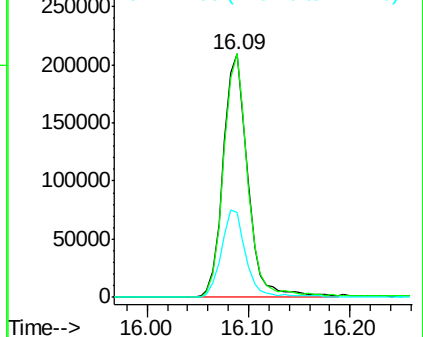
141 35.2 28.2 42.4



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: 115.46 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG045675.D

Acq: 10 Jun 2020 1:15

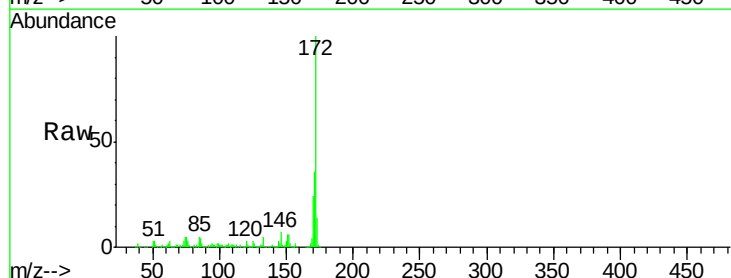
Tgt Ion:172 Resp: 1177978

Ion Ratio Lower Upper

172 100

171 36.1 29.5 44.3

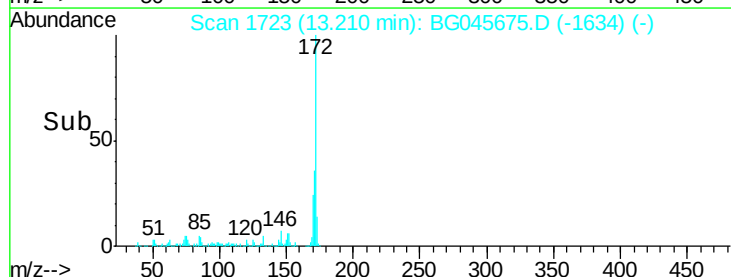
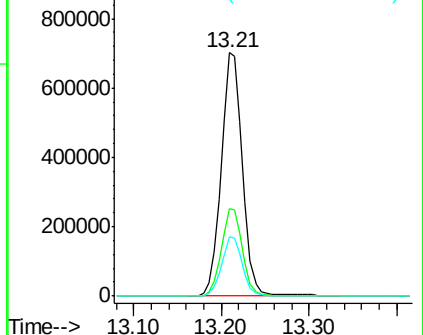
170 24.2 18.5 27.7

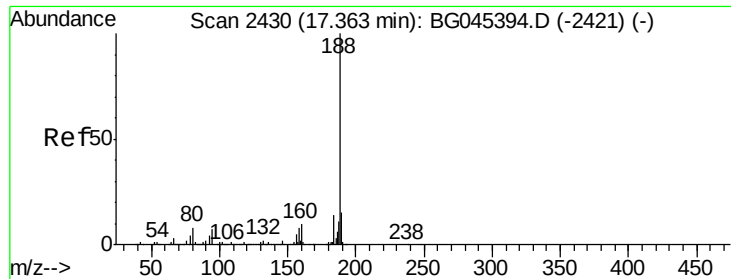


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

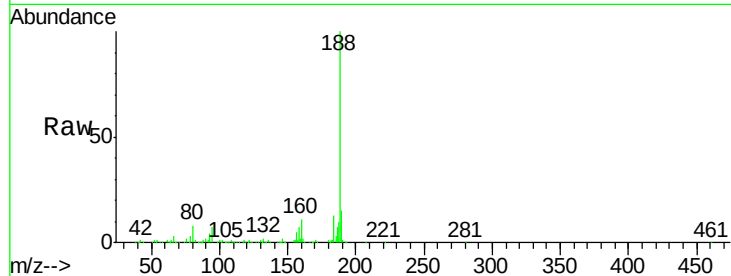




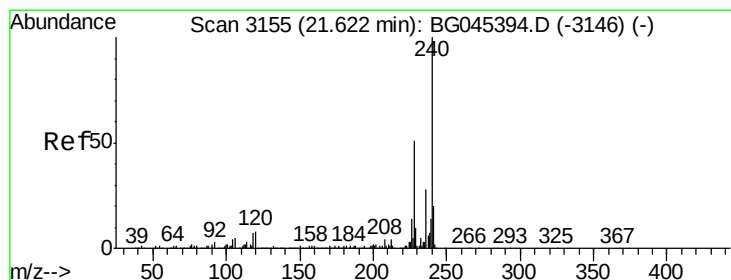
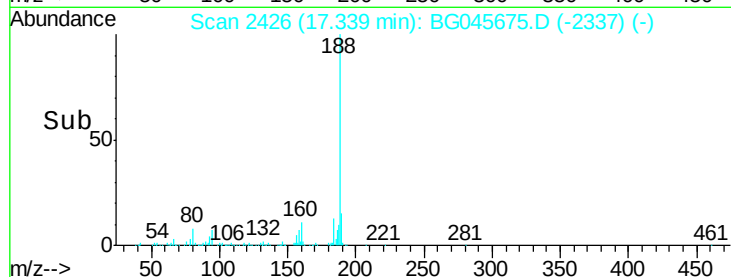
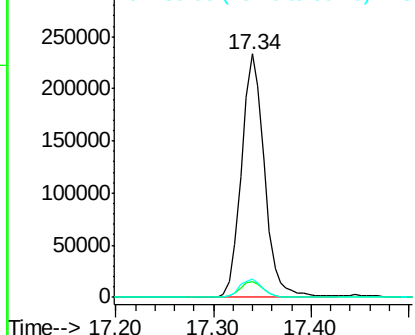
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045675.D
Acq: 10 Jun 2020 1:15

Instrument :
BNA_G
ClientSampleId :
PB129440TB

Tgt Ion:188 Resp: 382263
Ion Ratio Lower Upper
188 100
94 6.7 5.5 8.3
80 7.6 6.6 10.0

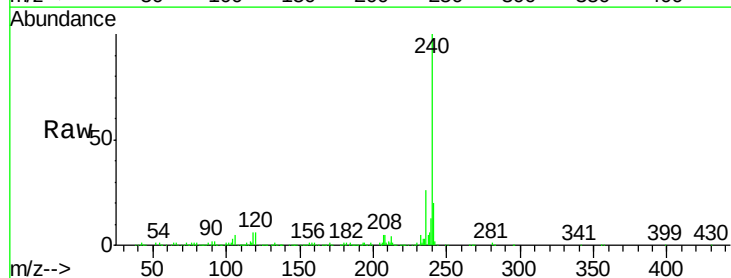


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

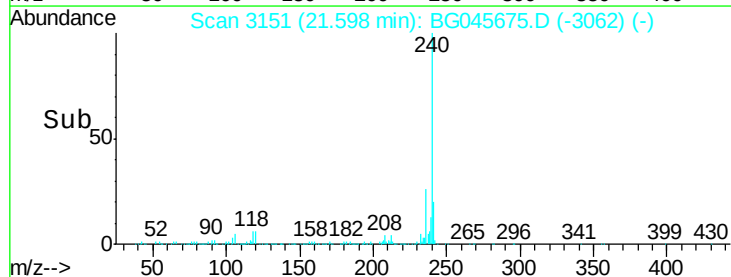
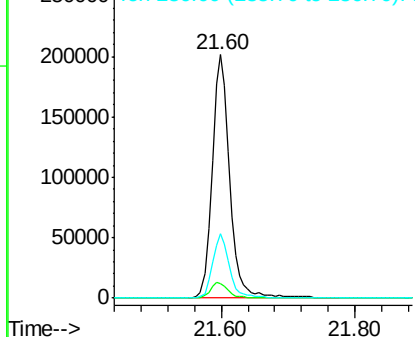


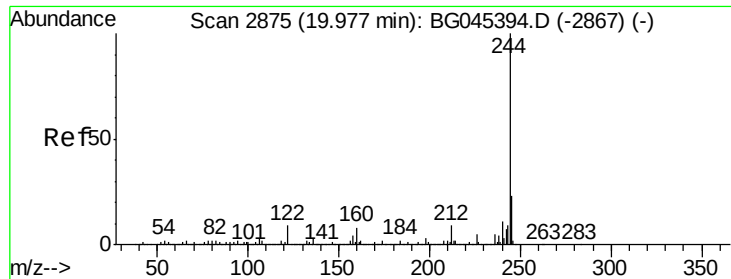
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045675.D
Acq: 10 Jun 2020 1:15

Tgt Ion:240 Resp: 371174
Ion Ratio Lower Upper
240 100
120 6.2 6.1 9.1
236 26.4 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: 118.42 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045675.D

Acq: 10 Jun 2020 1:15

Instrument :

BNA_G

ClientSampleId :

PB129440TB

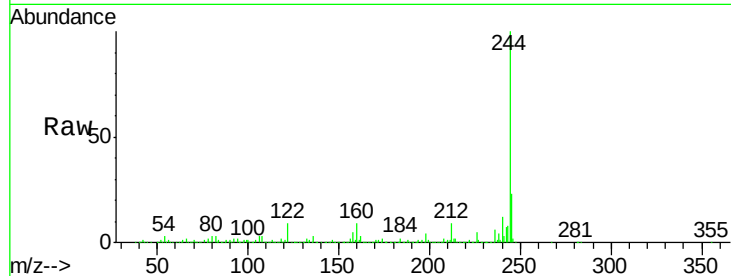
Tgt Ion:244 Resp: 1884662

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

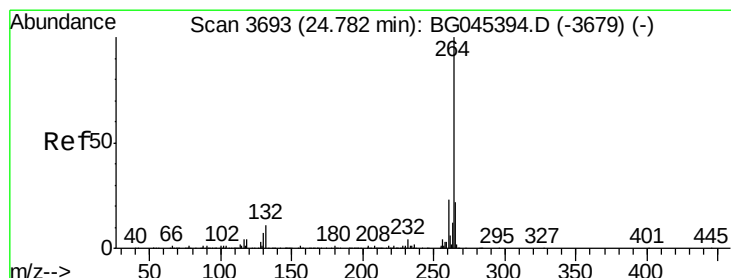
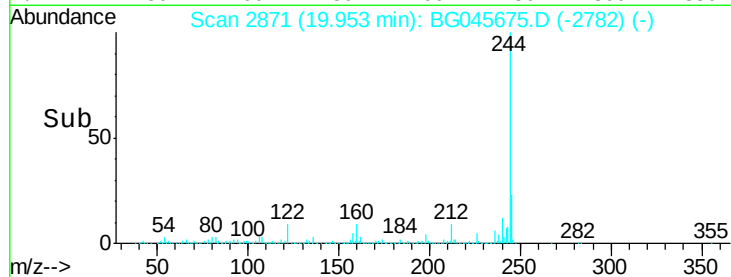
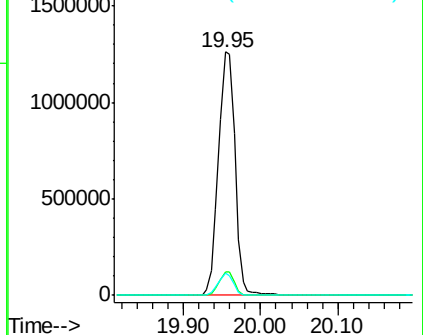
122 8.9 6.8 10.2



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: BG045675.D

Acq: 10 Jun 2020 1:15

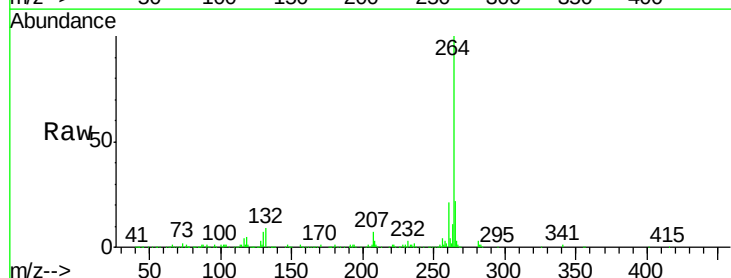
Tgt Ion:264 Resp: 369982

Ion Ratio Lower Upper

264 100

260 21.4 18.2 27.4

265 22.5 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

