

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045674.D
 Acq On : 10 Jun 2020 00:34
 Operator : CG/JU
 Sample : PB129440BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129440BL

Quant Time: Jun 10 02:35:07 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	60309	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	241631	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	169623	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	392811	20.00	ng	0.00
76) Chrysene-d12	21.60	240	385414	20.00	ng	0.00
87) Perylene-d12	24.74	264	392096	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	404557	131.10	ng	0.00
7) Phenol-d6	7.14	99	579652	131.97	ng	0.00
23) Nitrobenzene-d5	9.11	82	397501	89.71	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	273200	125.94	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	918897	91.89	ng	0.00
79) Terphenyl-d14	19.95	244	1536102	92.96	ng	0.00

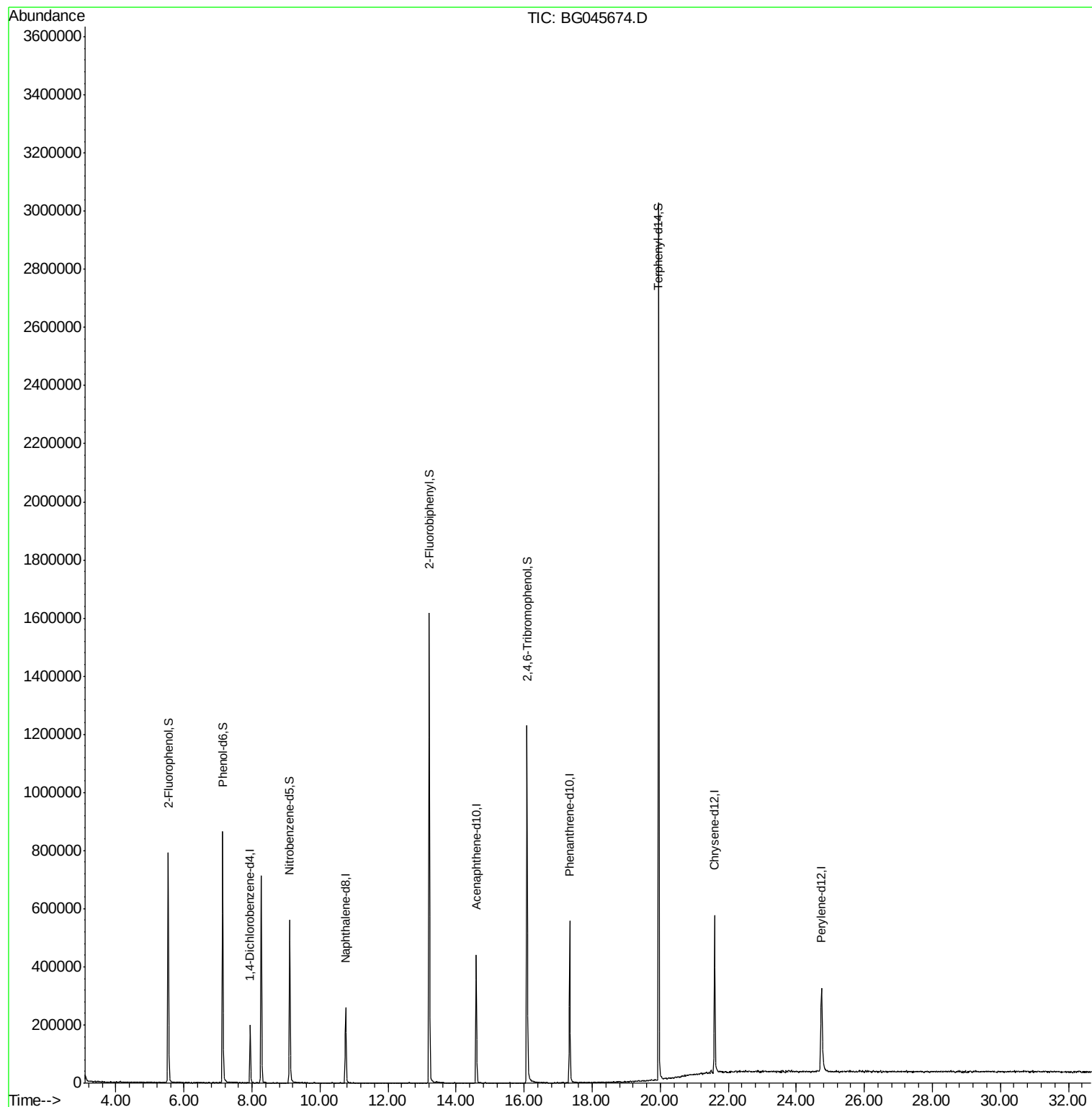
Target Compounds	Qvalue
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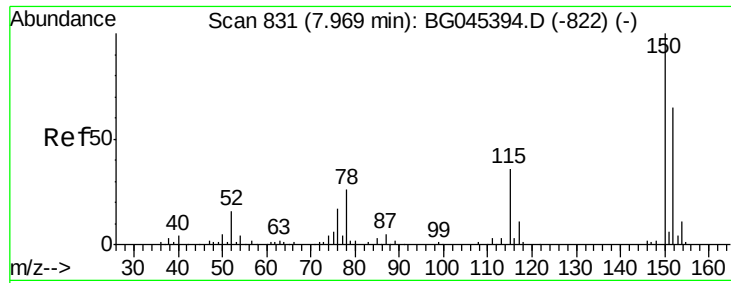
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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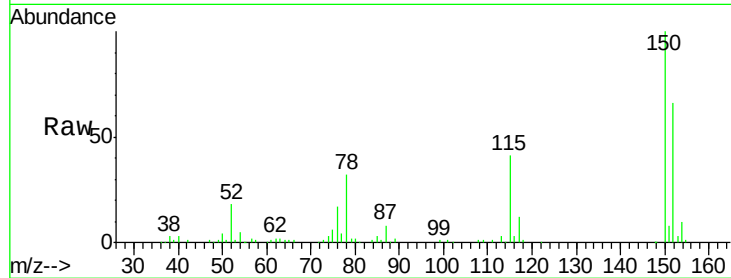


#1

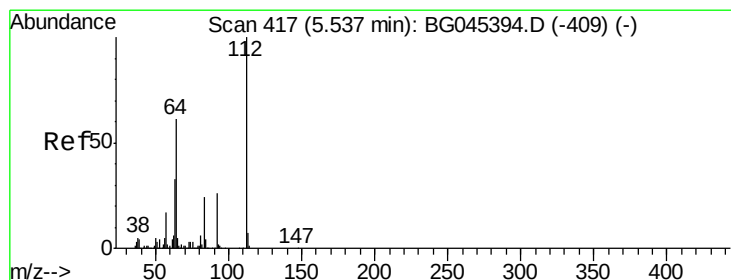
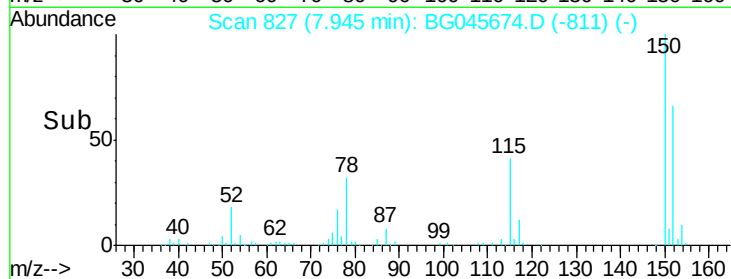
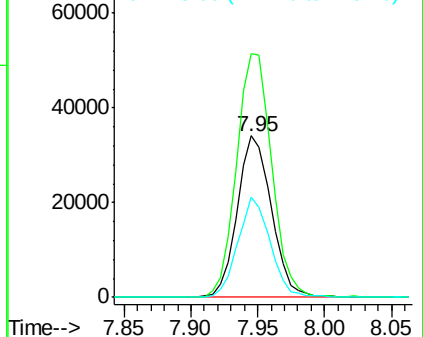
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045674.D
Acq: 10 Jun 2020 00:34

Instrument :
BNA_G
ClientSampleId :
PB129440BL

Tgt Ion:152 Resp: 60309
Ion Ratio Lower Upper
152 100
150 151.1 122.4 183.6
115 62.5 44.2 66.4



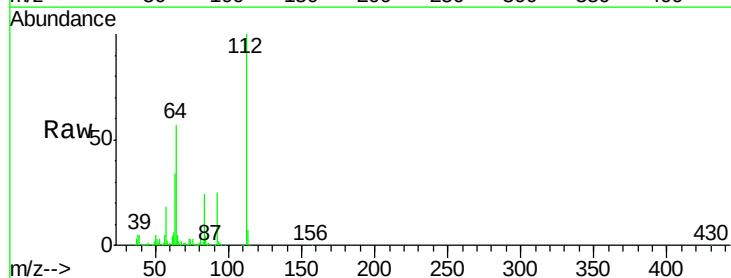
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



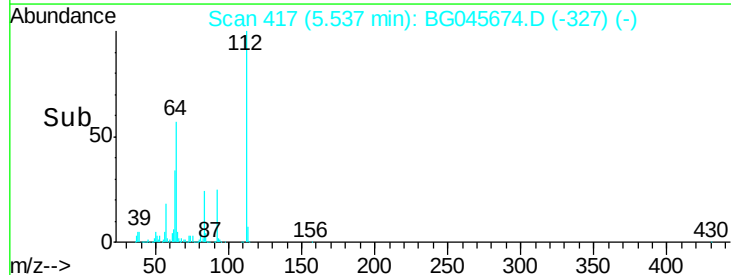
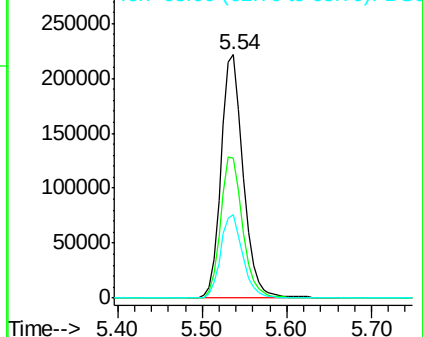
#5

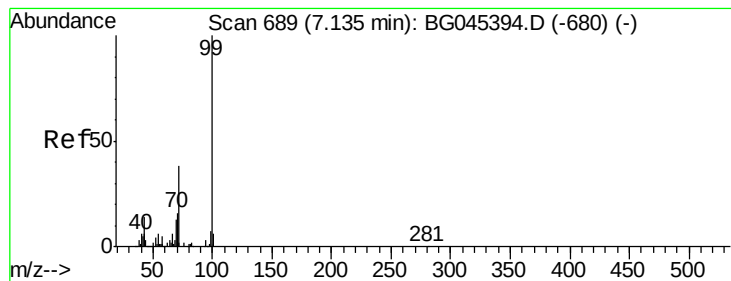
2-Fluorophenol
Concen: 131.10 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045674.D
Acq: 10 Jun 2020 00:34

Tgt Ion:112 Resp: 404557
Ion Ratio Lower Upper
112 100
64 57.5 48.6 72.8
63 34.3 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: 131.97 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045674.D

Acq: 10 Jun 2020 00:34

Instrument :

BNA_G

ClientSampleId :

PB129440BL

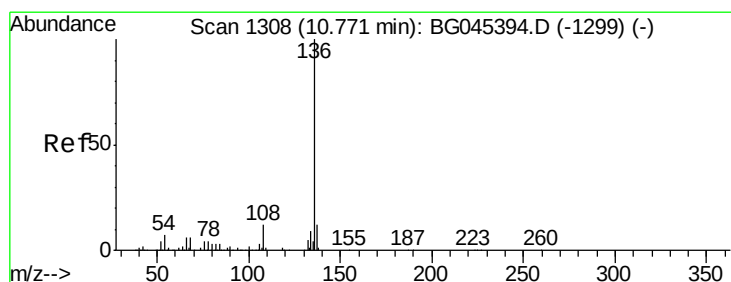
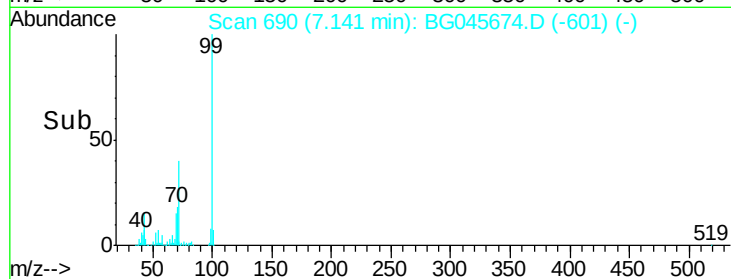
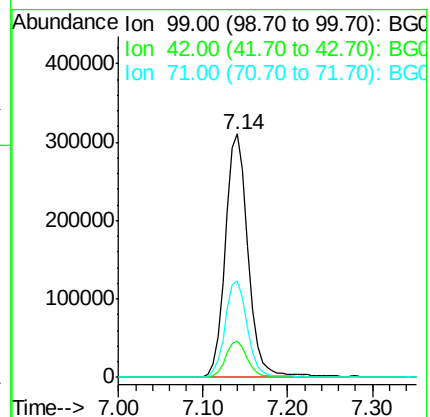
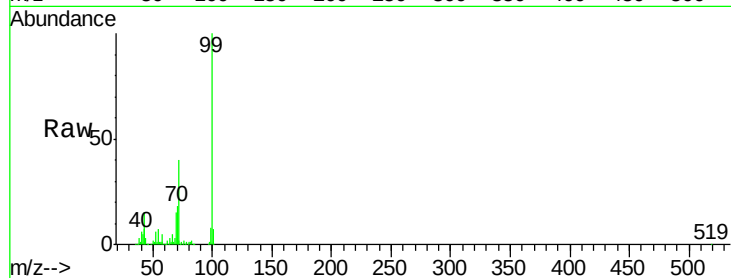
Tgt Ion: 99 Resp: 579652

Ion Ratio Lower Upper

99 100

42 14.6 11.3 16.9

71 39.8 30.8 46.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045674.D

Acq: 10 Jun 2020 00:34

Tgt Ion: 136 Resp: 241631

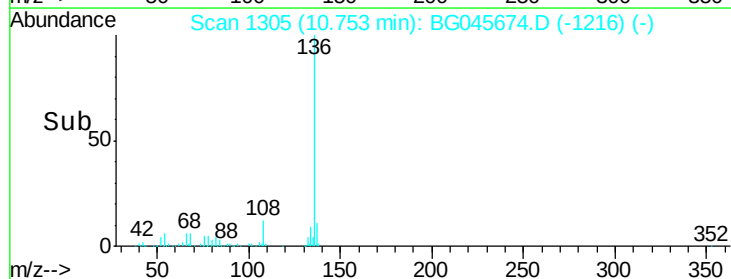
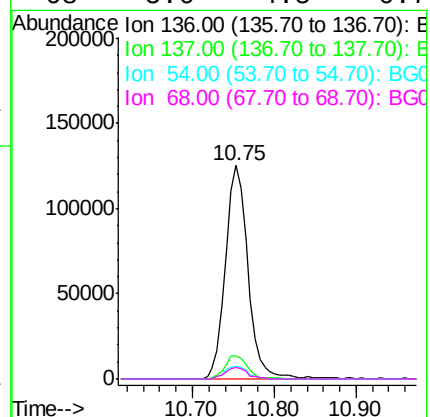
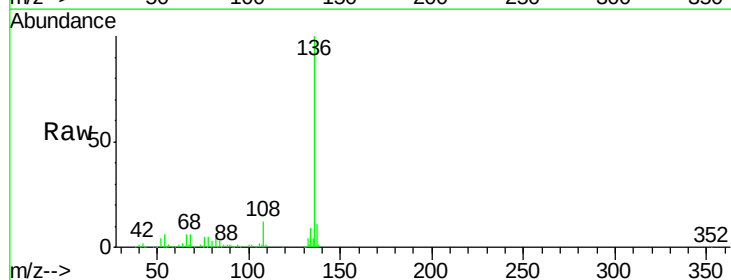
Ion Ratio Lower Upper

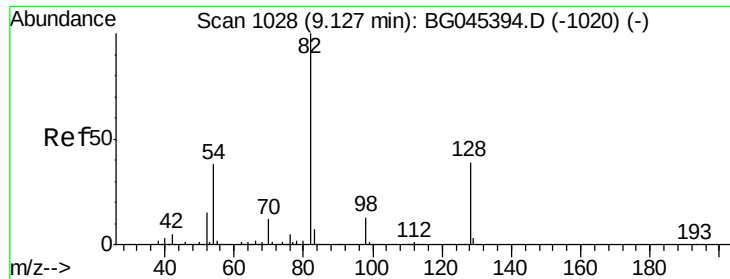
136 100

137 11.1 9.4 14.2

54 5.9 5.8 8.6

68 5.6 4.5 6.7

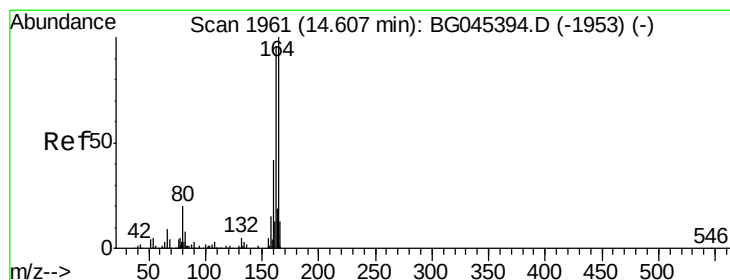
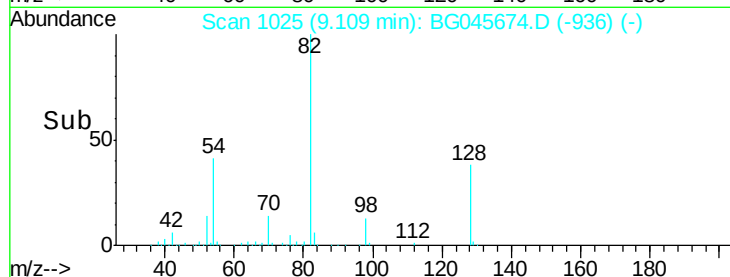
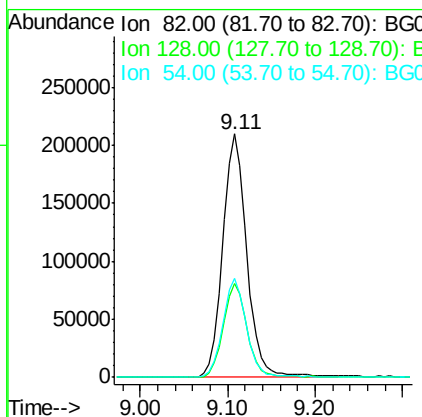
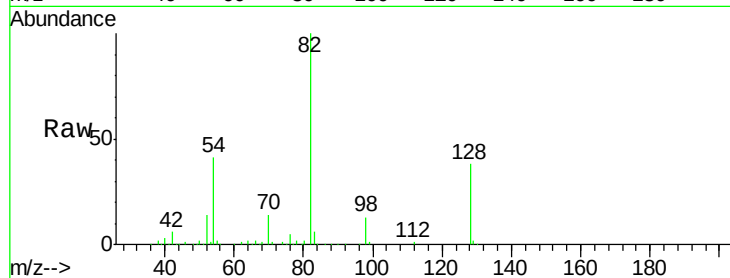




#23
 Nitrobenzene-d5
 Concen: 89.71 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045674.D
 Acq: 10 Jun 2020 00:34

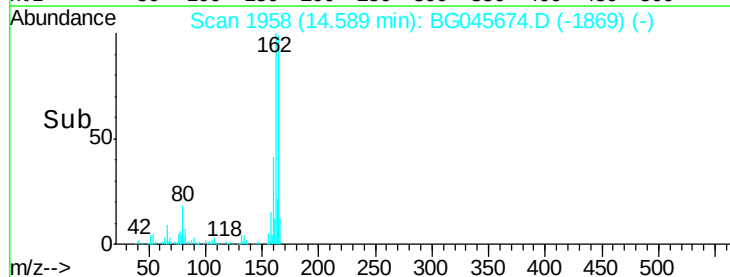
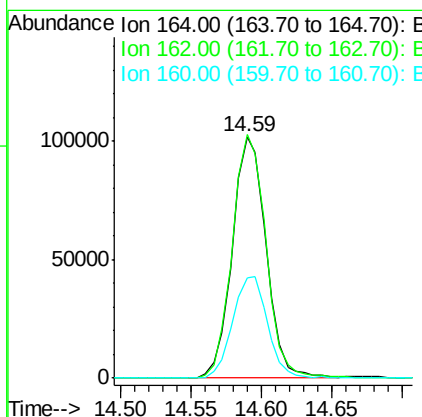
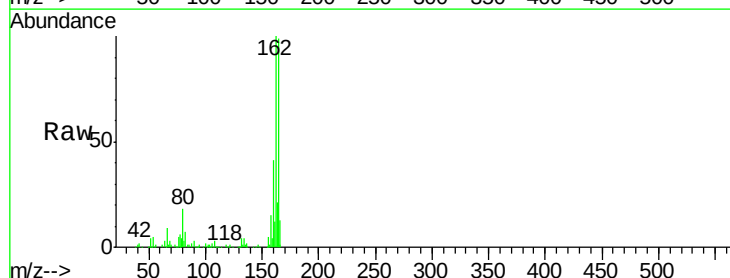
Instrument :
 BNA_G
 ClientSampleId :
 PB129440BL

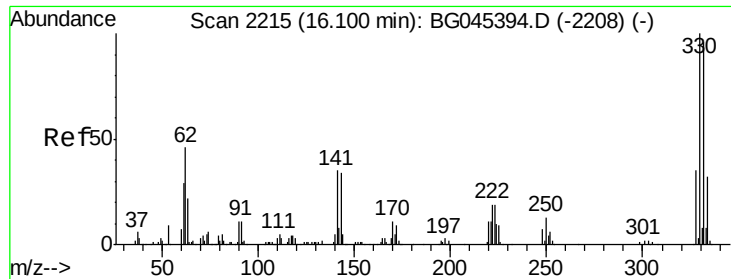
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.9	46.3
54	40.6	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG045674.D
 Acq: 10 Jun 2020 00:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	76.9	115.3
160	41.4	33.8	50.8

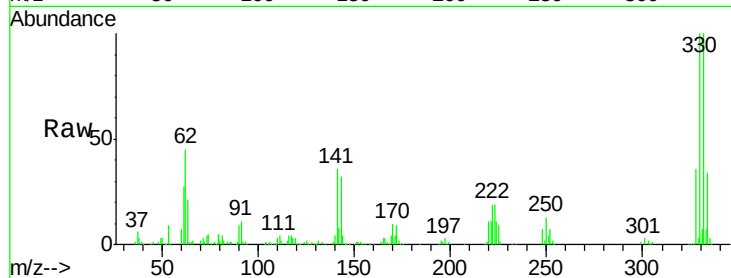




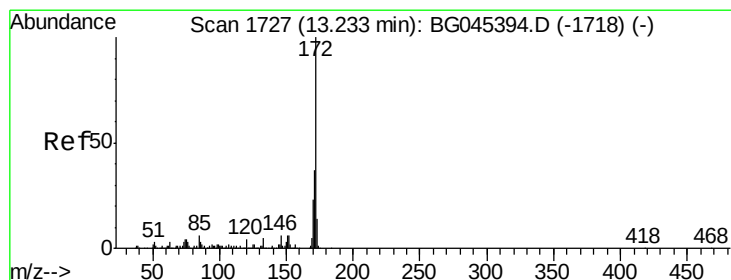
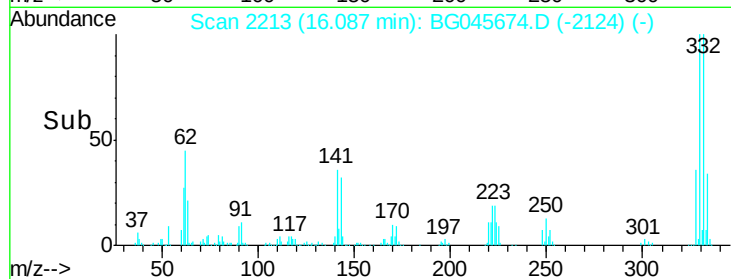
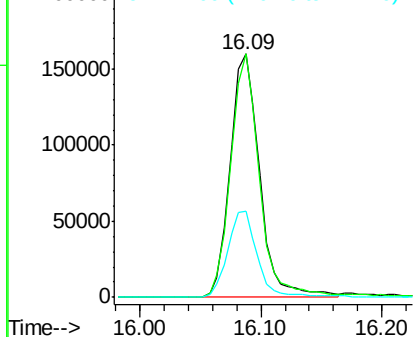
#42
 2,4,6-Tribromophenol
 Concen: 125.94 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG045674.D
 Acq: 10 Jun 2020 00:34

Instrument :
 BNA_G
 ClientSampleId :
 PB129440BL

Tgt Ion:330 Resp: 273200
 Ion Ratio Lower Upper
 330 100
 332 99.5 78.2 117.4
 141 35.9 28.2 42.4

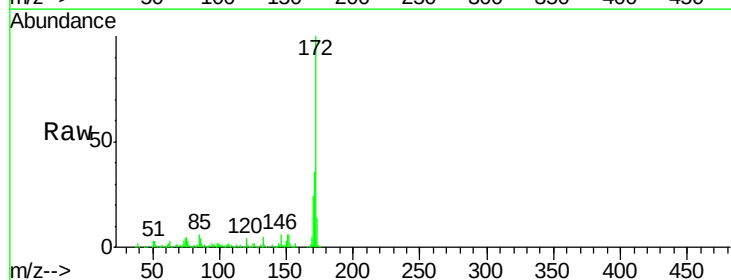


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

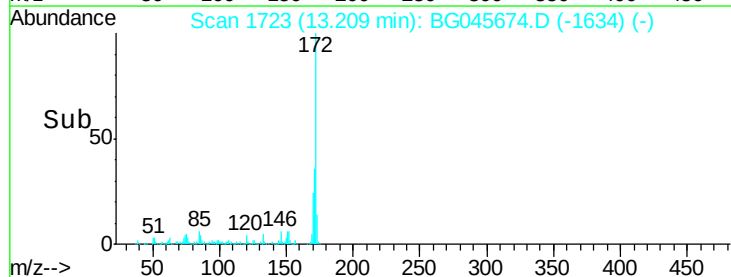
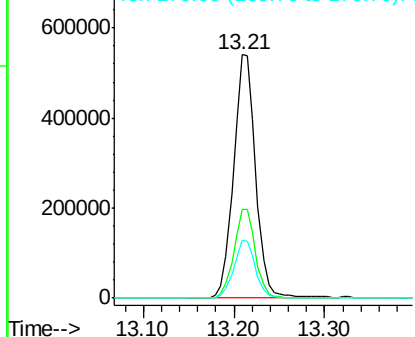


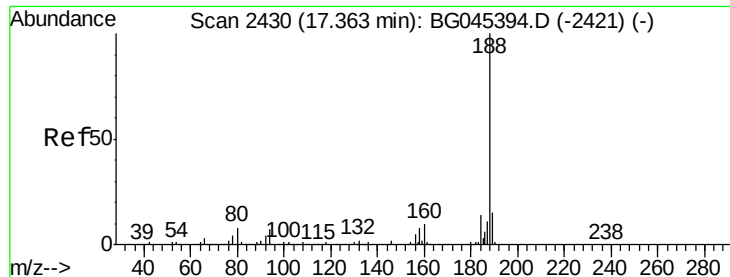
#45
 2-Fluorobiphenyl
 Concen: 91.89 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG045674.D
 Acq: 10 Jun 2020 00:34

Tgt Ion:172 Resp: 918897
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 23.6 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: BG045674.D

Acq: 10 Jun 2020 00:34

Instrument :

BNA_G

ClientSampleId :

PB129440BL

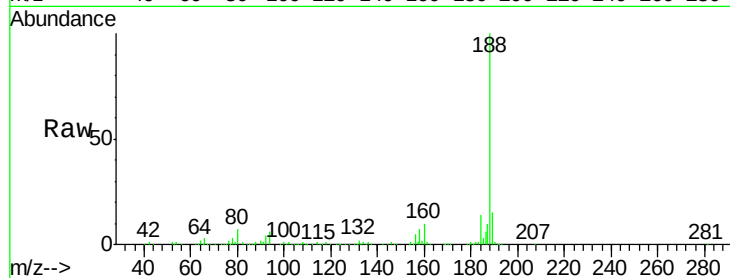
Tgt Ion:188 Resp: 392811

Ion Ratio Lower Upper

188 100

94 6.3 5.5 8.3

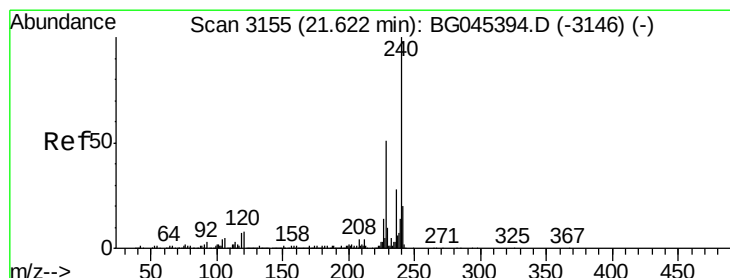
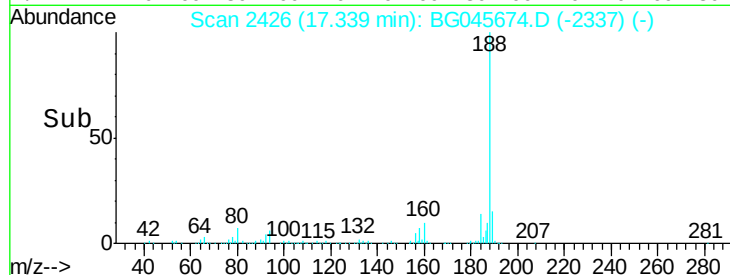
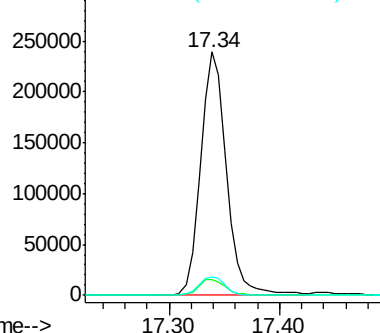
80 7.5 6.6 10.0



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: BG045674.D

Acq: 10 Jun 2020 00:34

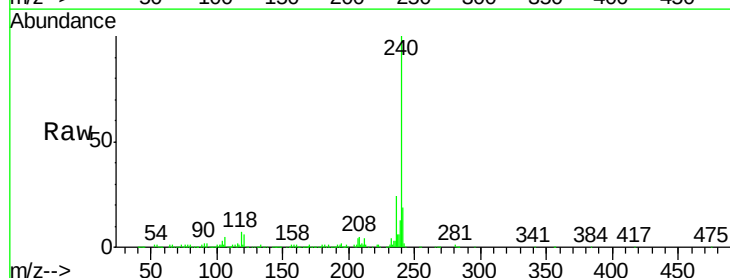
Tgt Ion:240 Resp: 385414

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

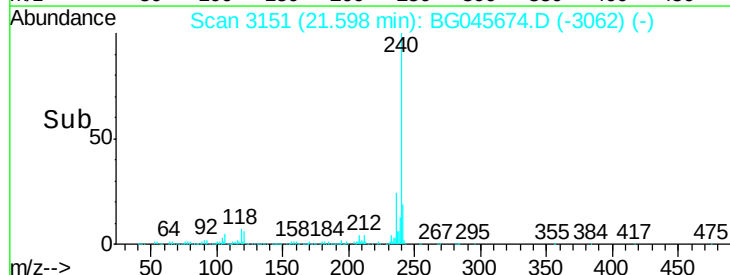
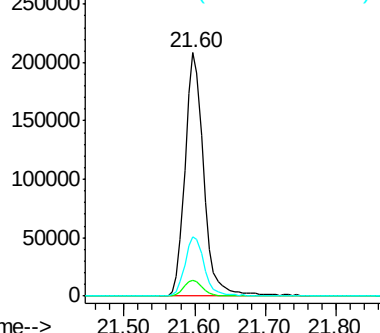
236 24.1 22.3 33.5

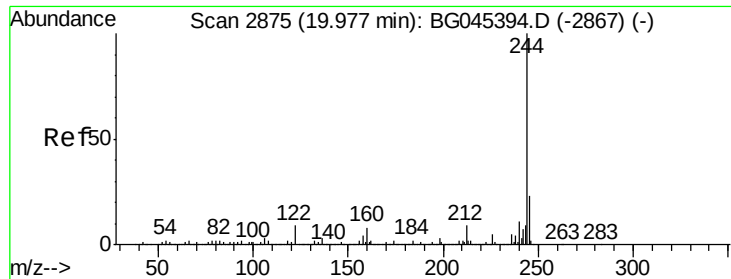


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.96 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045674.D

Acq: 10 Jun 2020 00:34

Instrument :

BNA_G

ClientSampleId :

PB129440BL

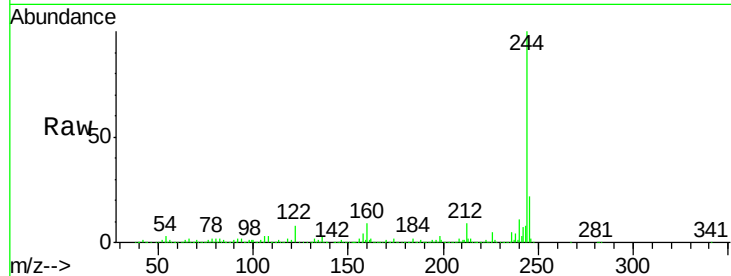
Tgt Ion:244 Resp: 1536102

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

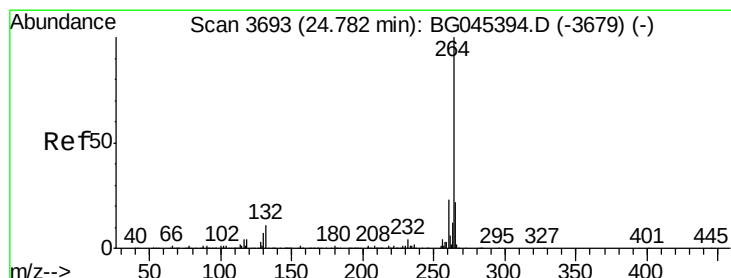
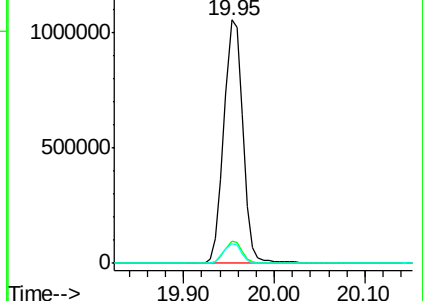
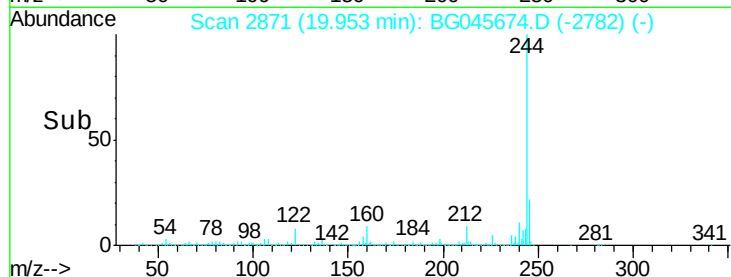
122 8.3 6.8 10.2



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: BG045674.D

Acq: 10 Jun 2020 00:34

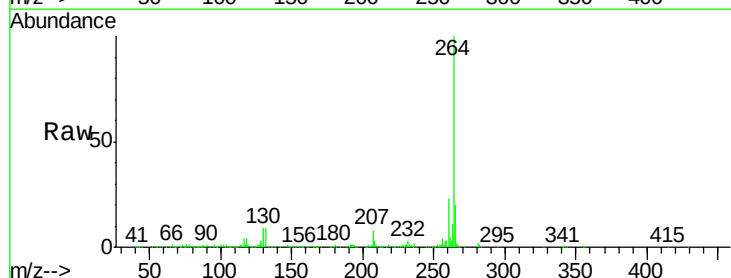
Tgt Ion:264 Resp: 392096

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 20.2 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

