

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045692.D
 Acq On : 10 Jun 2020 15:13
 Operator : CG/JU
 Sample : PB129455BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129455BL

Quant Time: Jun 10 18:23:50 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	7.94	152	45441	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	188977	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	145363	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	358125	20.00	ng	0.00
76) Chrysene-d12	21.59	240	355796	20.00	ng	0.00
87) Perylene-d12	24.74	264	370272	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	322141	138.54	ng	0.00
7) Phenol-d6	7.13	99	463838	140.16	ng	-0.01
23) Nitrobenzene-d5	9.11	82	351321	101.38	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	286052	153.87	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	878770	102.54	ng	0.00
79) Terphenyl-d14	19.96	244	1642211	107.65	ng	0.00

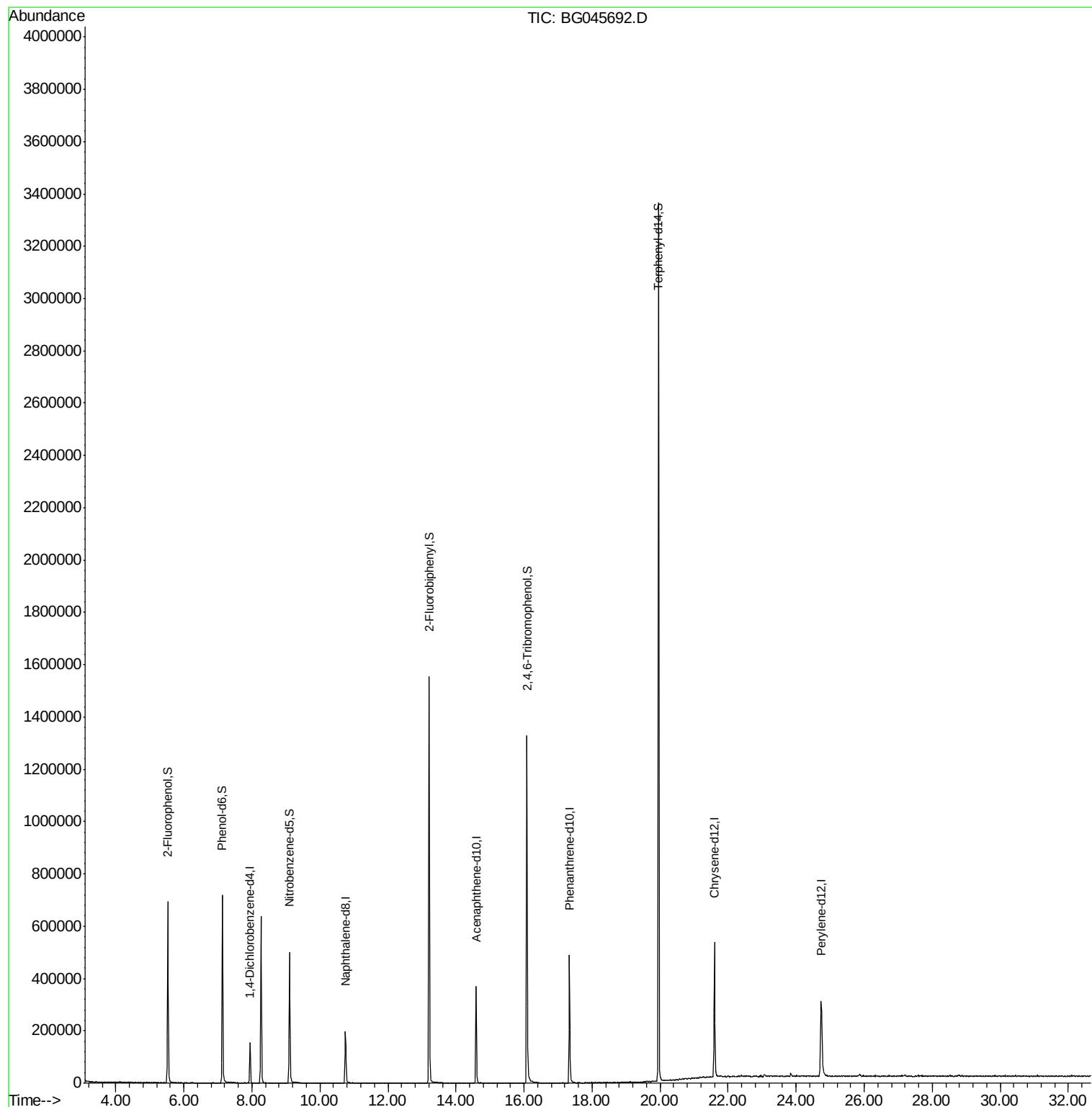
Target Compounds Qvalue

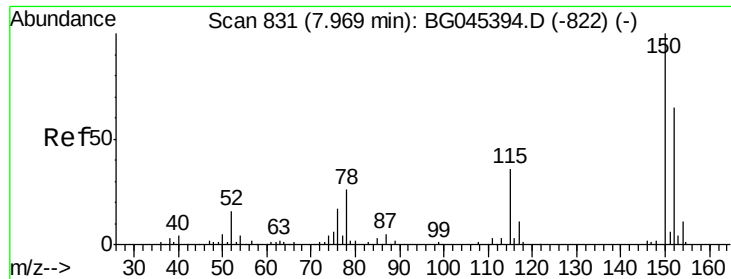
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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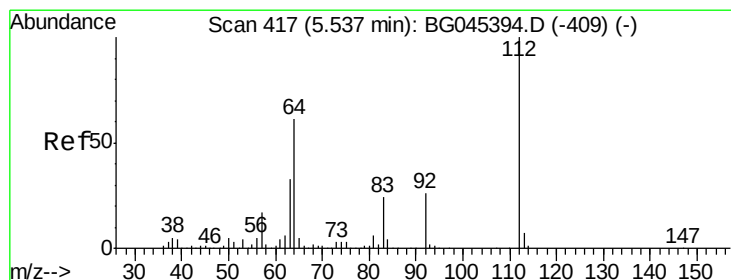
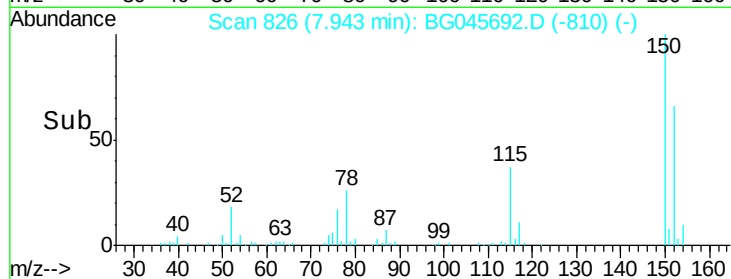
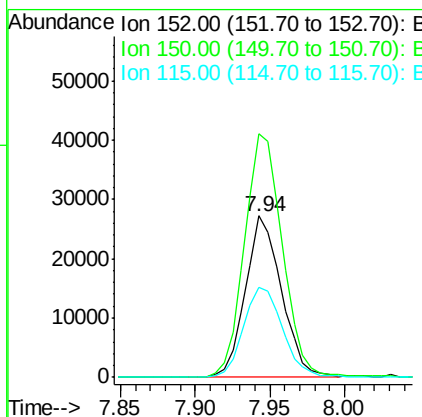
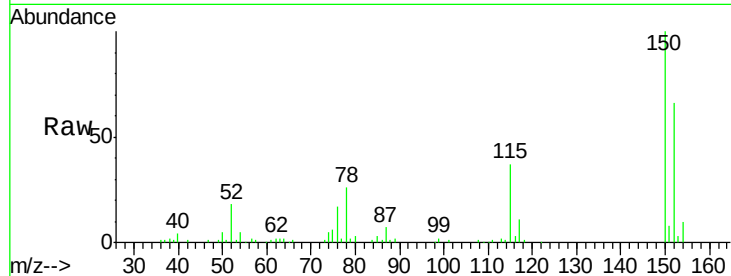


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045692.D
Acq: 10 Jun 2020 15:13

Instrument :
BNA_G
ClientSampleId :
PB129455BL

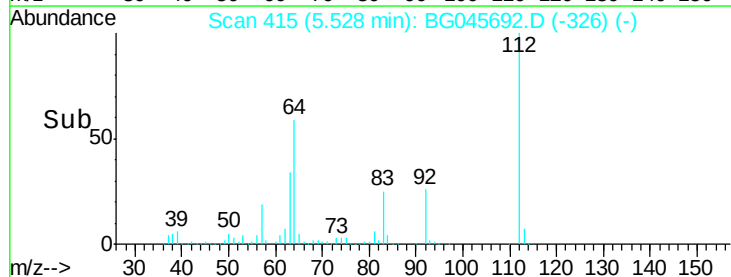
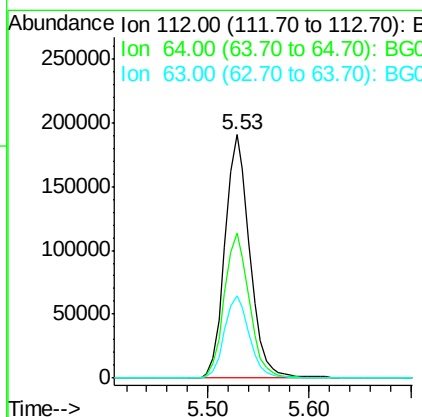
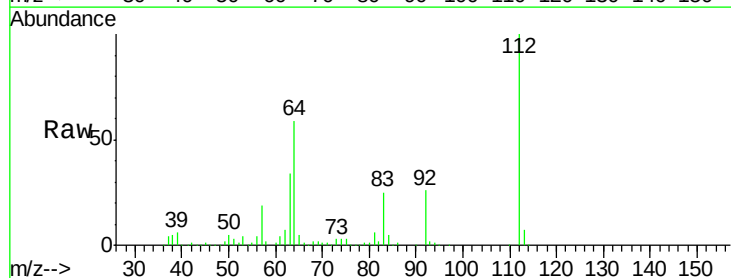
Tot Ion:152 Resp: 45441
Ion Ratio Lower Upper
152 100
150 151.0 122.4 183.6
115 56.0 44.2 66.4

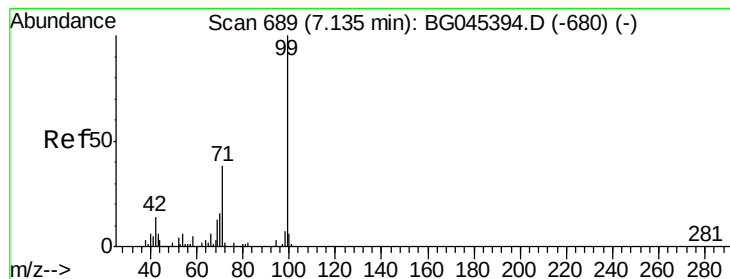


#5

2-Fluorophenol
Concen: 138.544 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045692.D
Acq: 10 Jun 2020 15:13

Tgt Ion:112 Resp: 322141
Ion Ratio Lower Upper
112 100
64 59.5 48.6 72.8
63 33.9 26.5 39.7





#7

Phenol-d6

Concen: 140.156 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045692.D

Acq: 10 Jun 2020 15:13

Instrument :

BNA_G

ClientSampleId :

PB129455BL

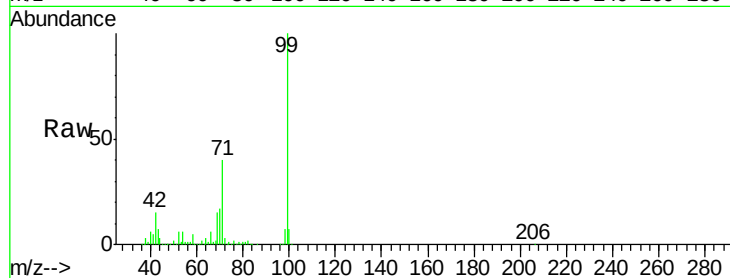
Tot Ion: 99 Resp: 463838

Ion Ratio Lower Upper

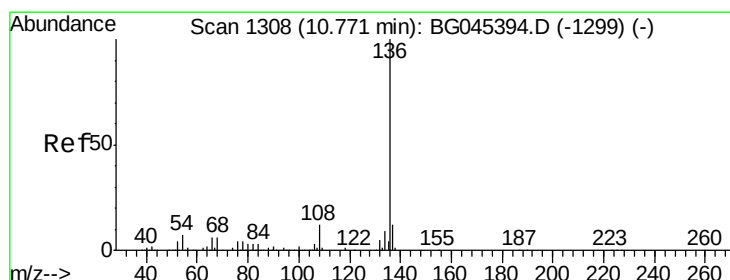
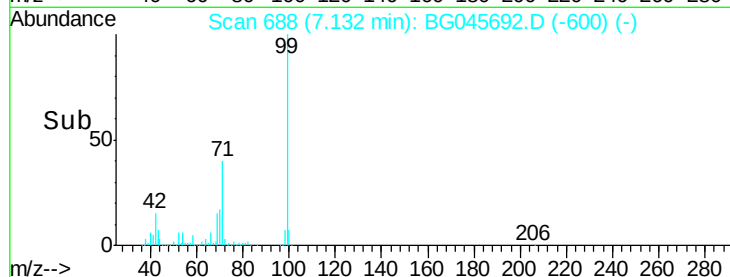
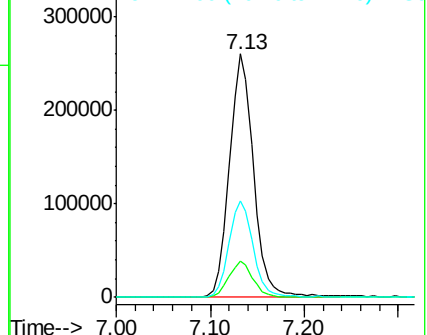
99 100

42 14.8 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: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045692.D

Acq: 10 Jun 2020 15:13

Tgt Ion: 136 Resp: 188977

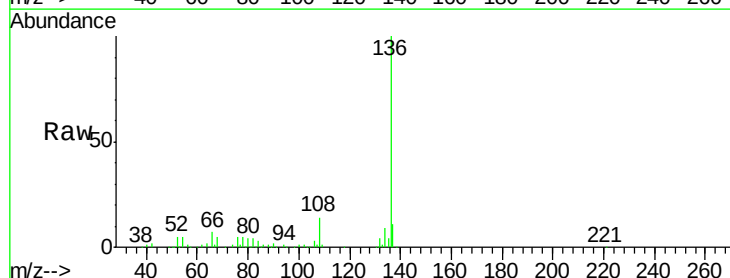
Ion Ratio Lower Upper

136 100

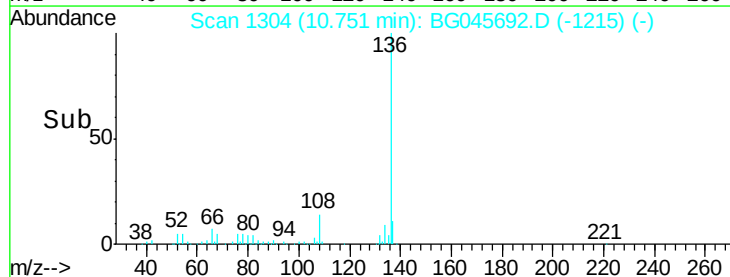
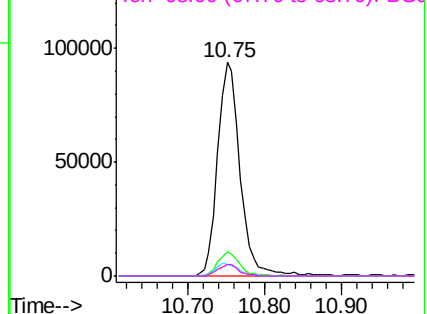
137 11.1 9.4 14.2

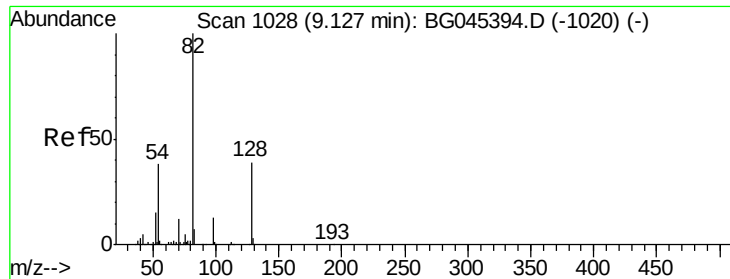
54 5.2 5.8 8.6#

68 5.3 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

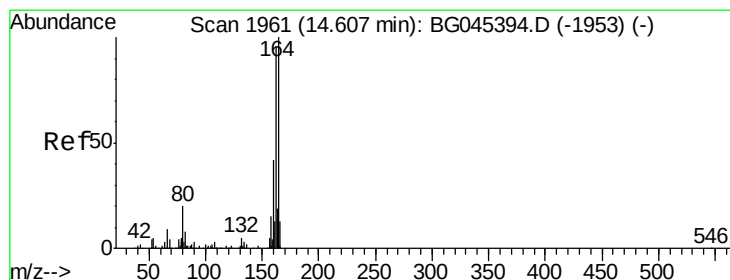
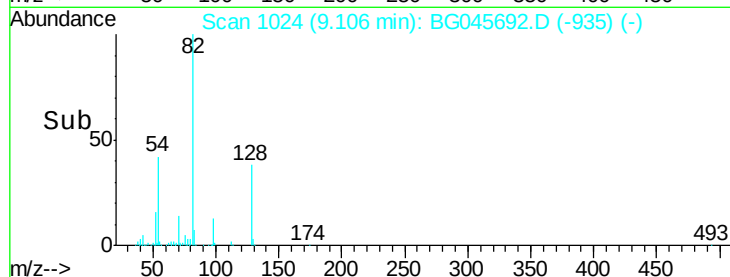
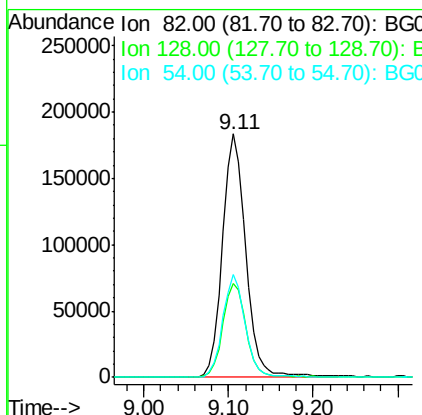
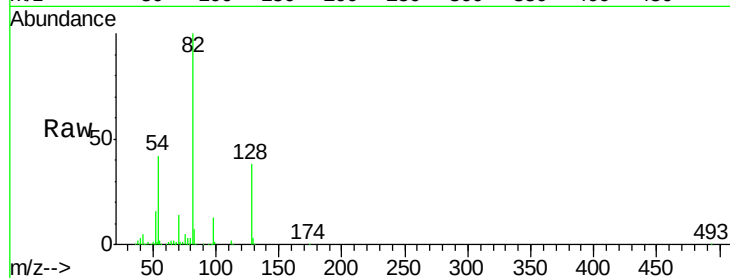




#23
 Nitrobenzene-d5
 Concen: 101.378 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

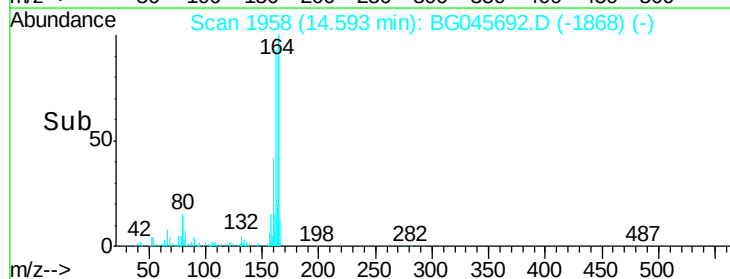
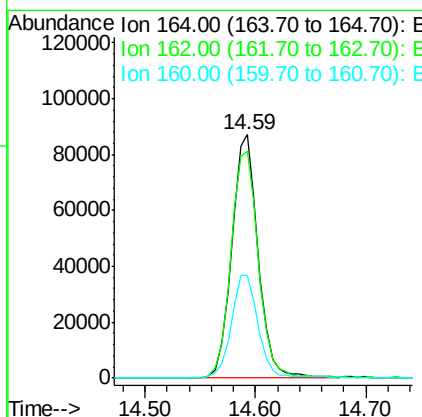
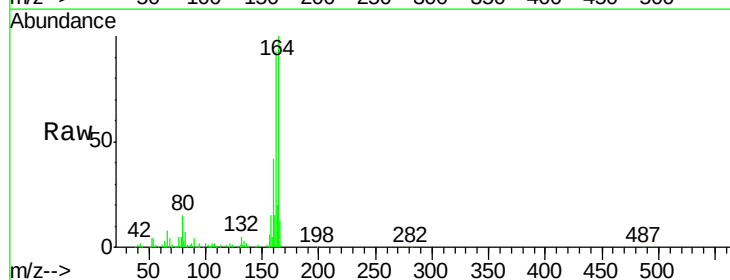
Instrument :
 BNA_G
 ClientSampleId :
 PB129455BL

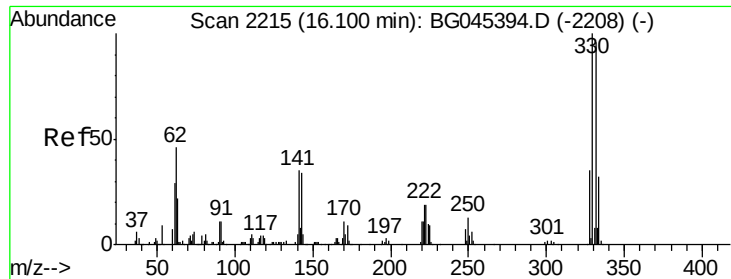
Tot Ion	82	Resp	351321
Ion Ratio	Lower	Upper	
82	100		
128	38.3	30.9	46.3
54	42.0	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

Tgt Ion	164	Resp	145363
Ion Ratio	Lower	Upper	
164	100		
162	93.2	76.9	115.3
160	42.5	33.8	50.8

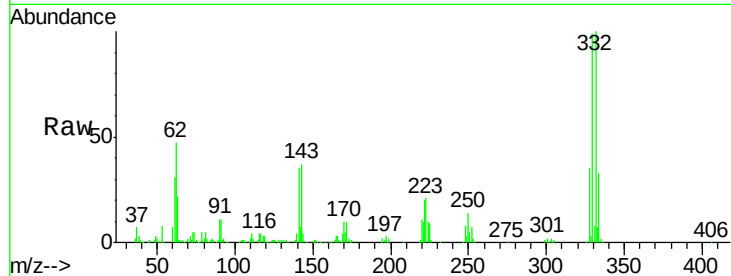




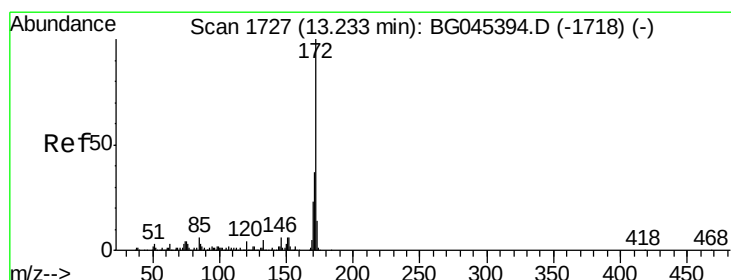
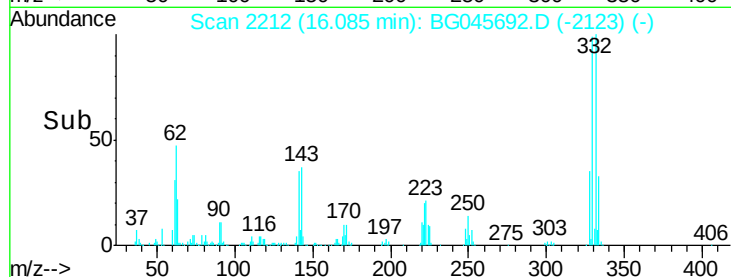
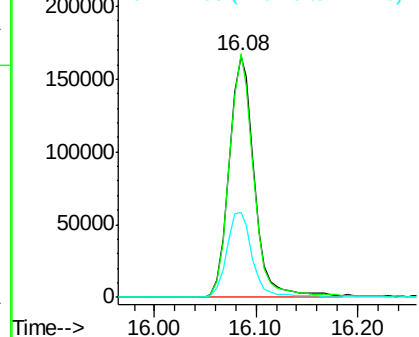
#42
2,4,6-Tribromophenol
Concen: 153.872 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BG045692.D
Acq: 10 Jun 2020 15:13

Instrument :
BNA_G
ClientSampleId :
PB129455BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.2	117.4
141	35.9	28.2	42.4

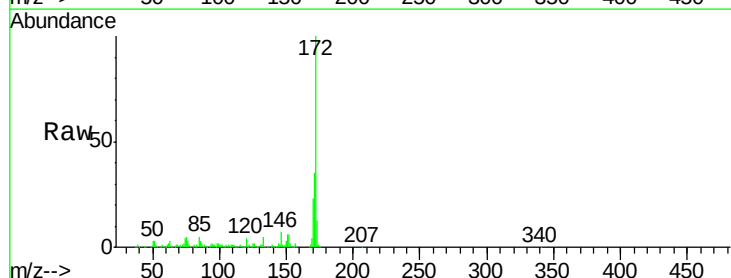


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

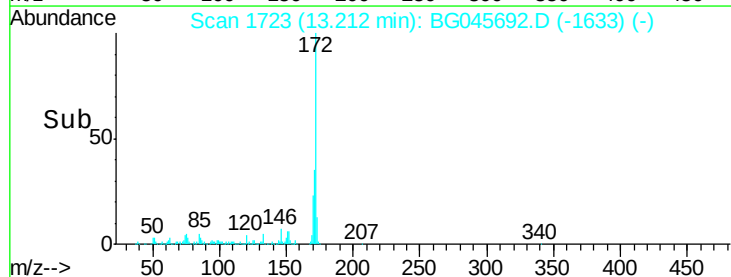
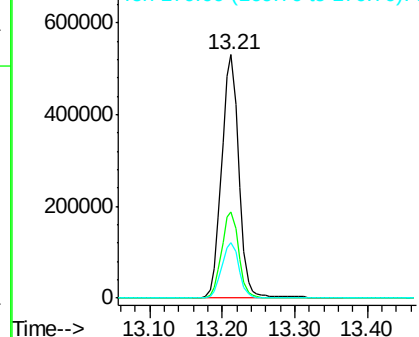


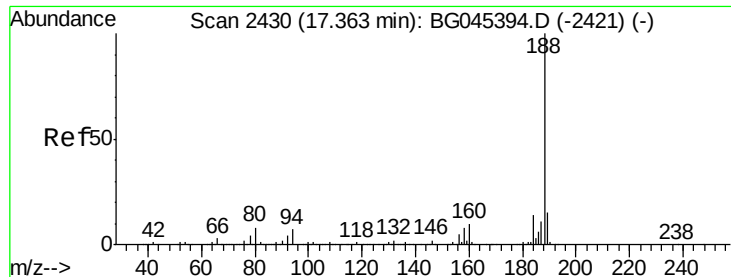
#45
2-Fluorobiphenyl
Concen: 102.542 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045692.D
Acq: 10 Jun 2020 15:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.5	44.3
170	22.8	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: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045692.D

Acq: 10 Jun 2020 15:13

Instrument :

BNA_G

ClientSampleId :

PB129455BL

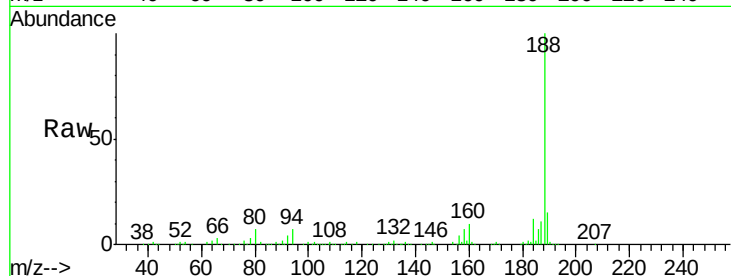
Tot Ion:188 Resp: 358125

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

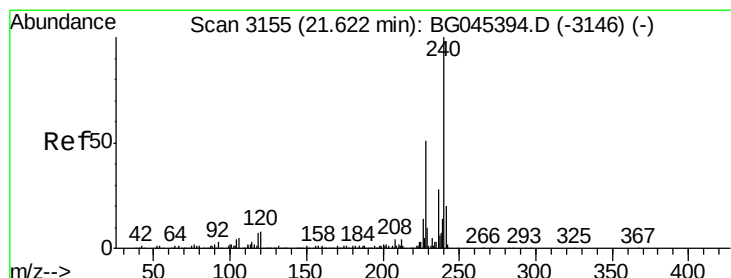
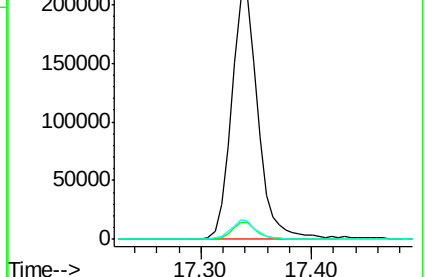
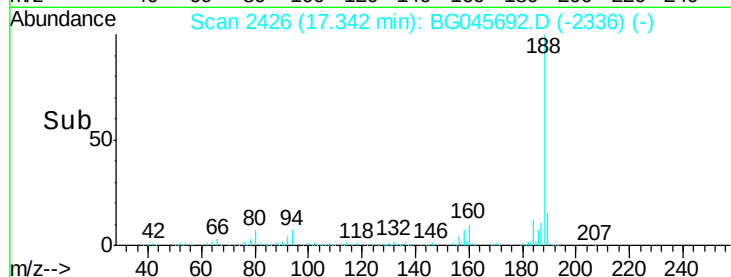
80 7.3 6.6 10.0



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: 20.000 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045692.D

Acq: 10 Jun 2020 15:13

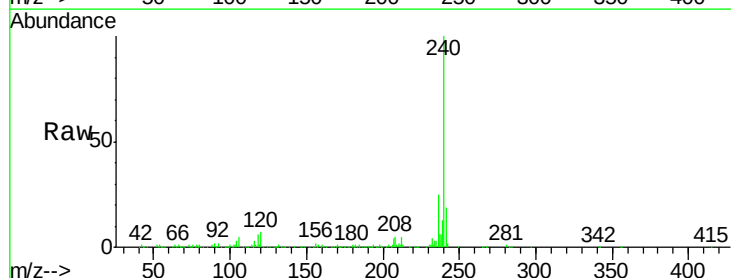
Tgt Ion:240 Resp: 355796

Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

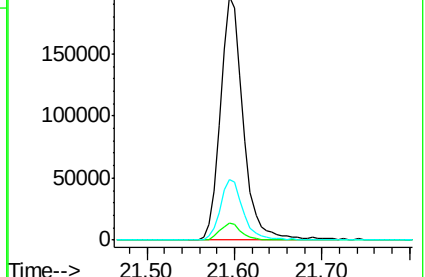
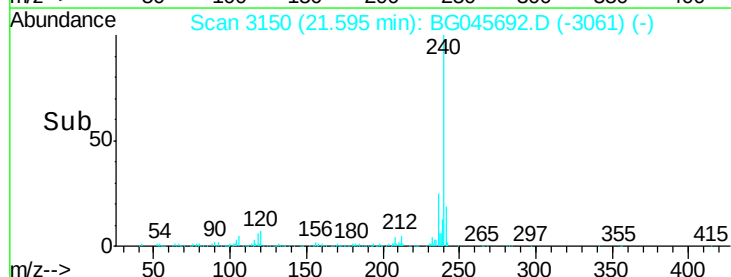
236 25.1 22.3 33.5

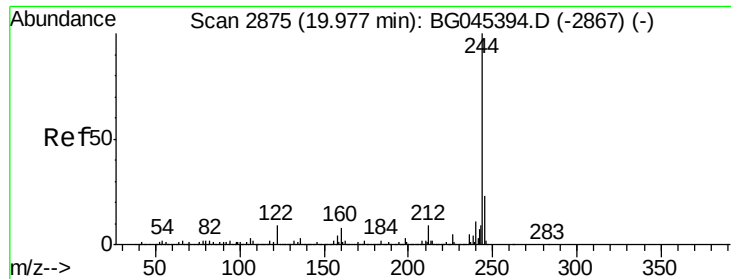


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



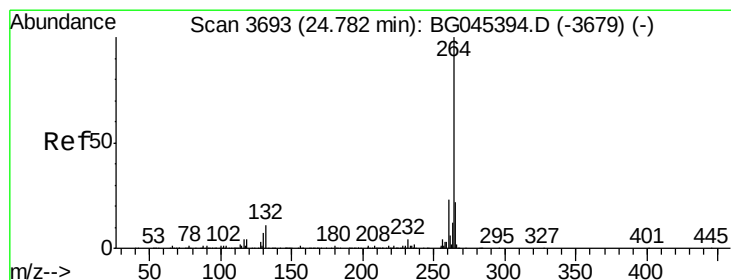
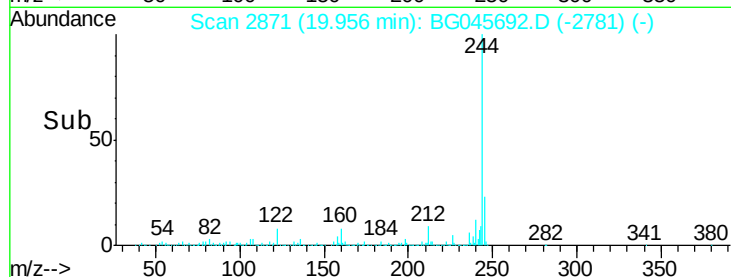
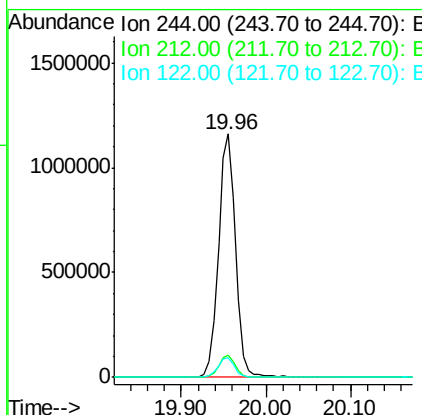
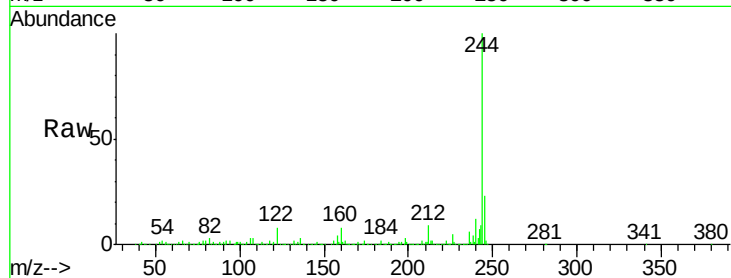


#79
 Terphenyl-d14
 Concen: 107.650 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129455BL

Tot Ion:244 Resp: 1642211

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.0	6.8	10.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3685
 Delta R.T. -0.01 min
 Lab File: BG045692.D
 Acq: 10 Jun 2020 15:13

Tgt Ion:264 Resp: 370272

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	20.5	17.6	26.4

