

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045730.D
 Acq On : 11 Jun 2020 20:58
 Operator : CG/JU
 Sample : L2970-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 600472986

Quant Time: Jun 12 03:20:00 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

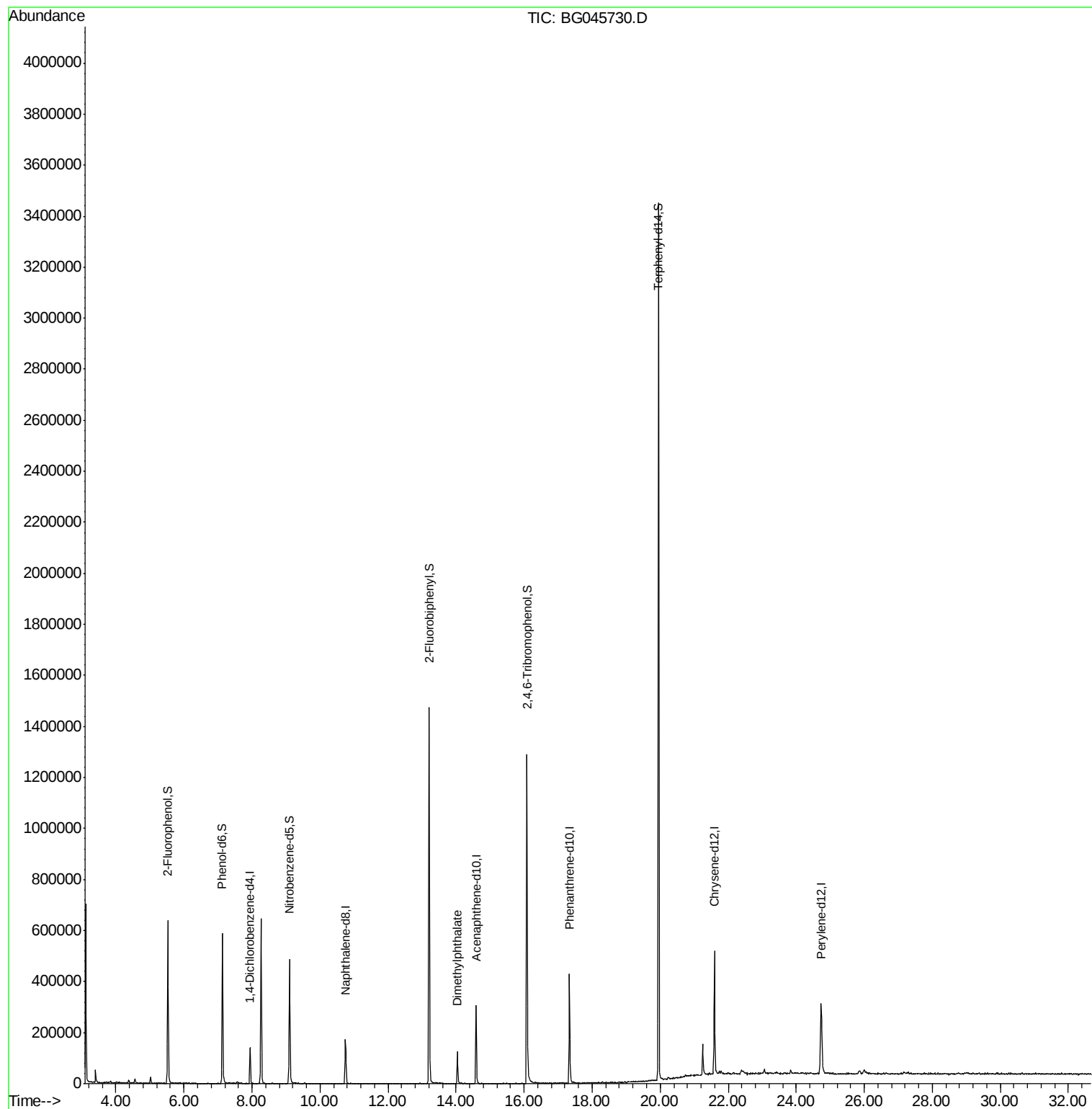
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	41123	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	162930	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	122000	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	304603	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	315437	20.00	ng	-0.01
87) Perylene-d12	24.74	264	331229	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	298093	141.66	ng	-0.01
7) Phenol-d6	7.13	99	380000	126.88	ng	-0.02
23) Nitrobenzene-d5	9.10	82	345991	115.80	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	277174	177.65	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	806855	112.18	ng	0.00
79) Terphenyl-d14	19.95	244	1659842	122.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	94190	11.254	ng	Qvalue # 98

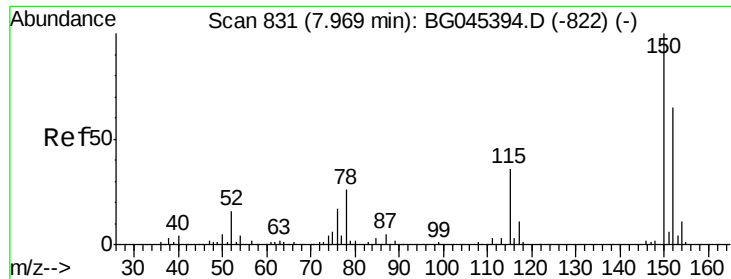
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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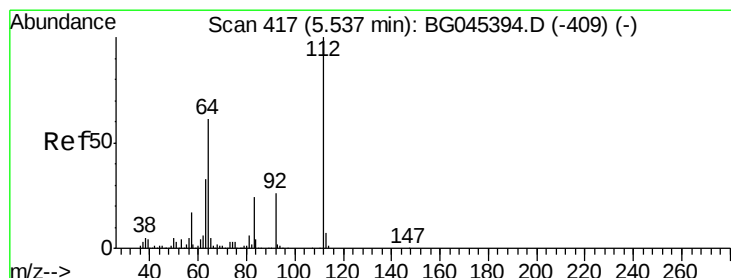
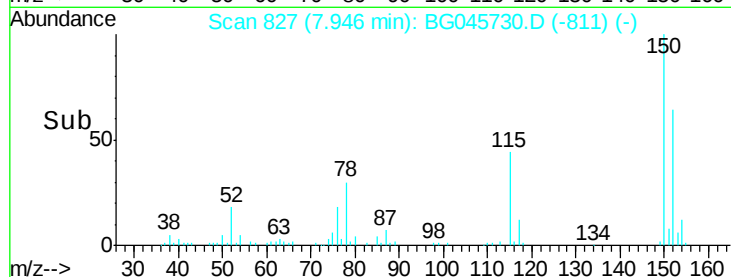
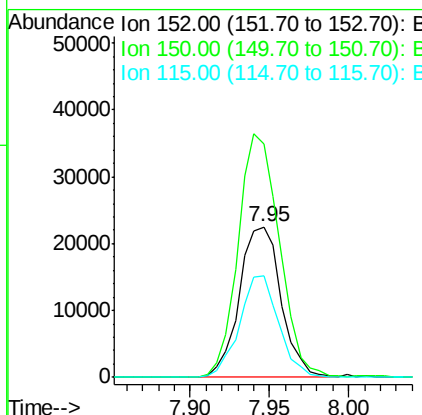
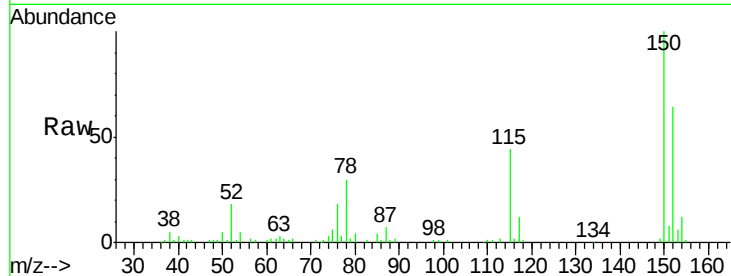


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

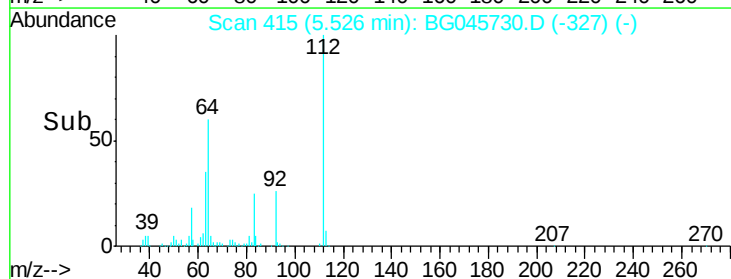
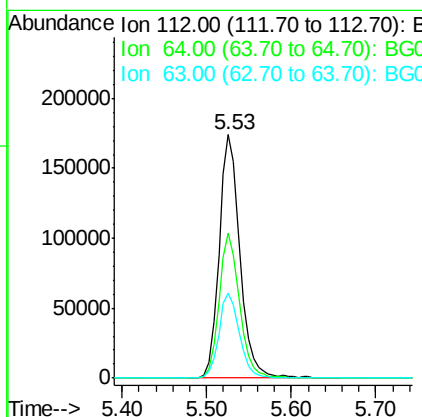
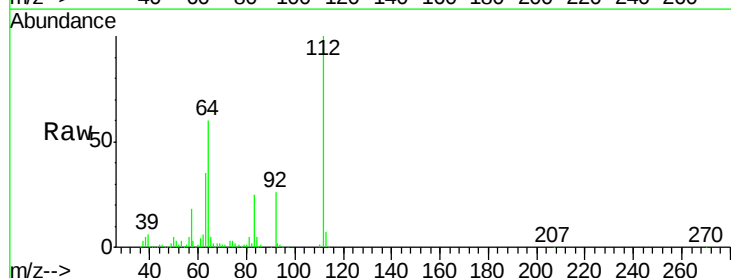
Tot Ion:152 Resp: 41123
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 67.7 44.2 66.4#

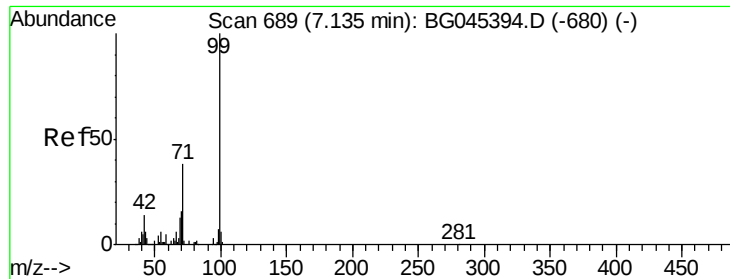


#5

2-Fluorophenol
Concen: 141.663 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion:112 Resp: 298093
Ion Ratio Lower Upper
112 100
64 59.6 48.6 72.8
63 34.8 26.5 39.7





#7

Phenol-d6

Concen: 126.880 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045730.D

Acq: 11 Jun 2020 20:58

Instrument :

BNA_G

ClientSampleId :

600472986

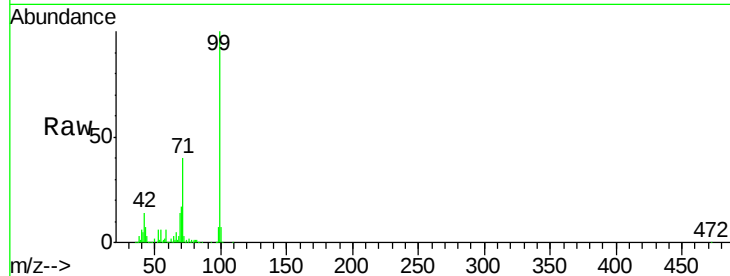
Tot Ion: 99 Resp: 380000

Ion Ratio Lower Upper

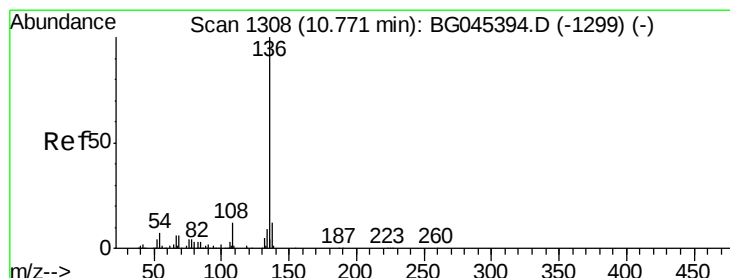
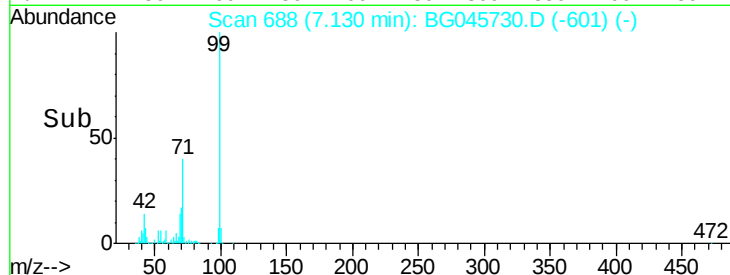
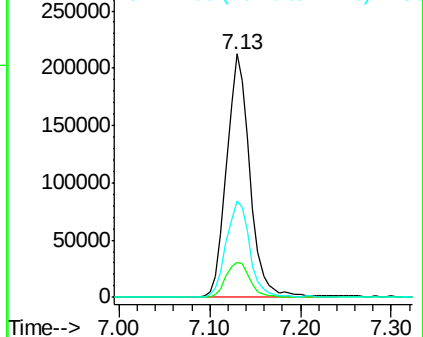
99 100

42 14.2 11.3 16.9

71 39.8 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# 1305

Delta R.T. -0.01 min

Lab File: BG045730.D

Acq: 11 Jun 2020 20:58

Tgt Ion: 136 Resp: 162930

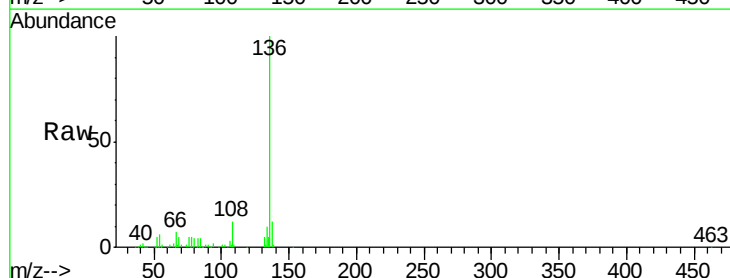
Ion Ratio Lower Upper

136 100

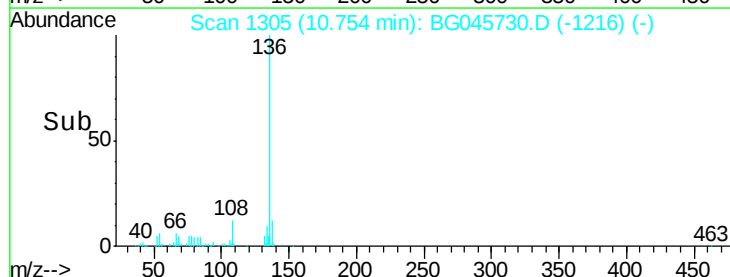
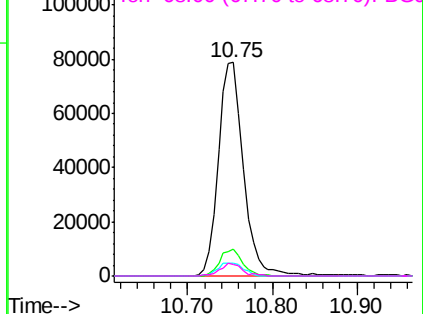
137 12.3 9.4 14.2

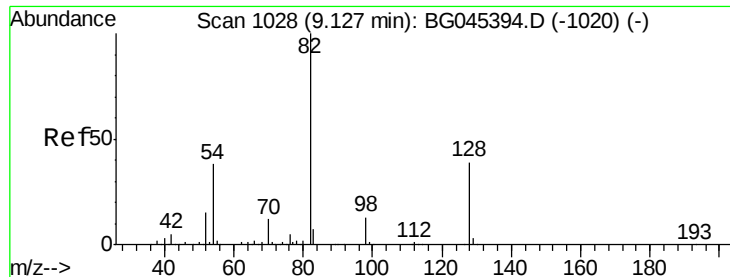
54 6.3 5.8 8.6

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

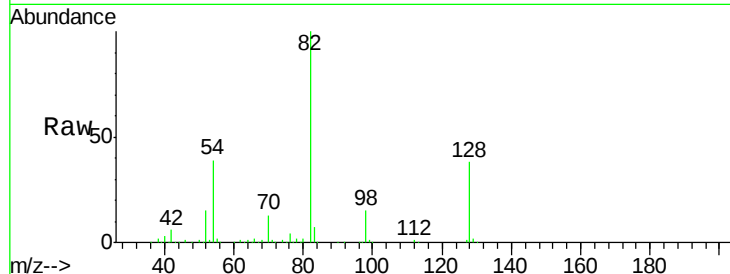




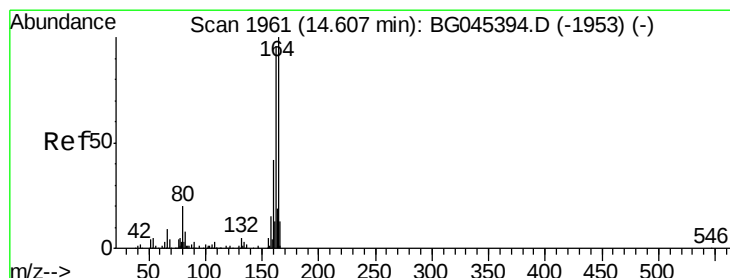
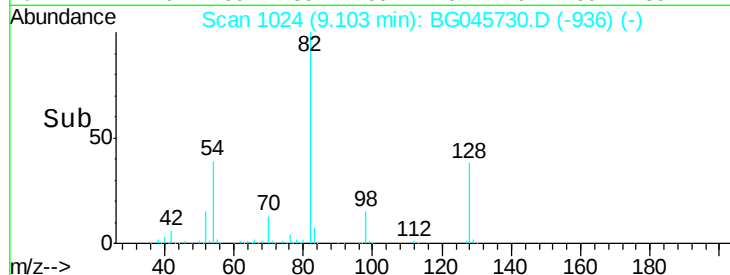
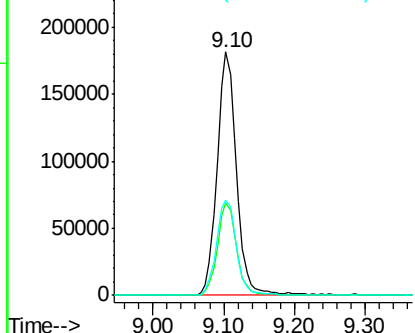
#23
 Nitrobenzene-d5
 Concen: 115.801 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045730.D
 Acq: 11 Jun 2020 20:58

Instrument :
 BNA_G
 ClientSampleId :
 600472986

Tot Ion	82	Resp	345991
Ion Ratio	Lower	Upper	
82	100		
128	38.0	30.9	46.3
54	38.9	30.3	45.5

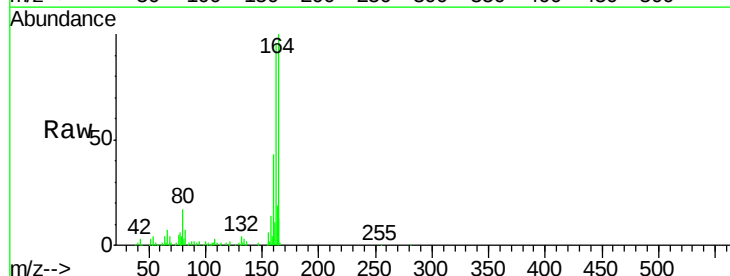


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

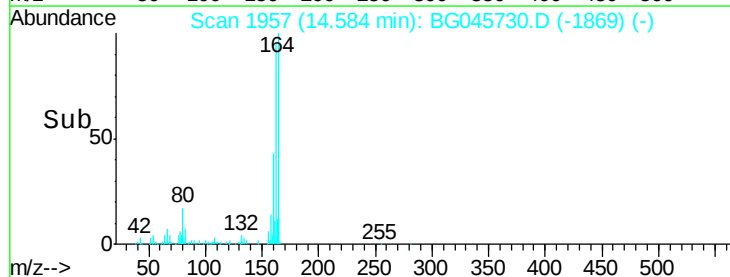
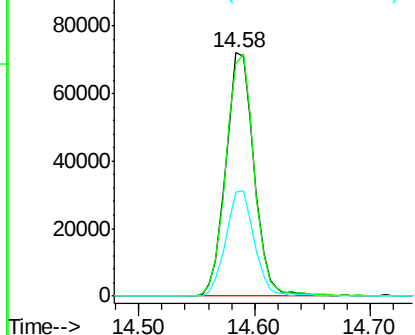


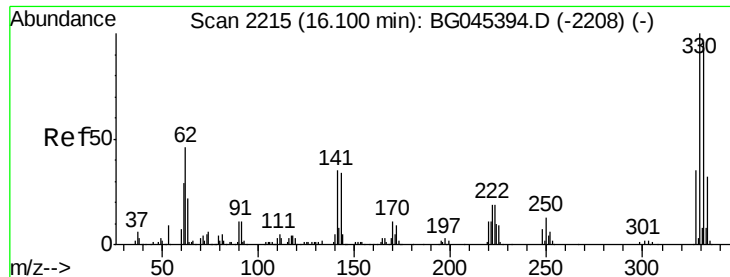
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG045730.D
 Acq: 11 Jun 2020 20:58

Tgt Ion	164	Resp	122000
Ion Ratio	Lower	Upper	
164	100		
162	95.6	76.9	115.3
160	42.8	33.8	50.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 177.648 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045730.D

Acq: 11 Jun 2020 20:58

Instrument :

BNA_G

ClientSampleId :

600472986

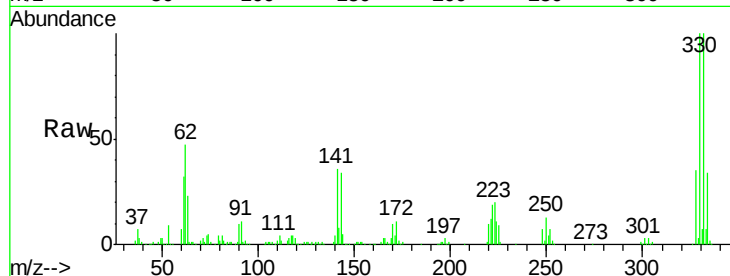
Tot Ion:330 Resp: 277174

Ion Ratio Lower Upper

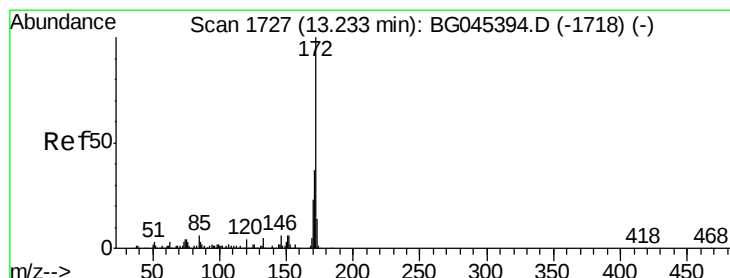
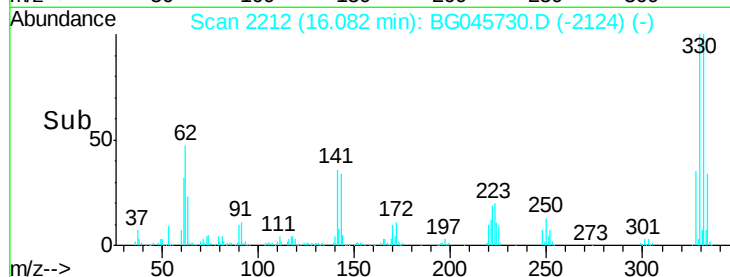
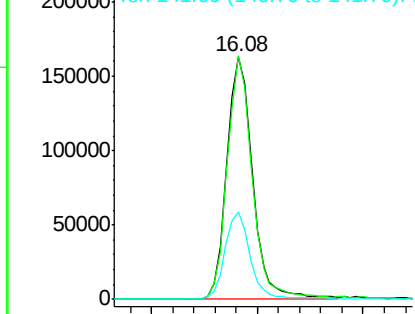
330 100

332 96.9 78.2 117.4

141 35.8 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: 112.180 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG045730.D

Acq: 11 Jun 2020 20:58

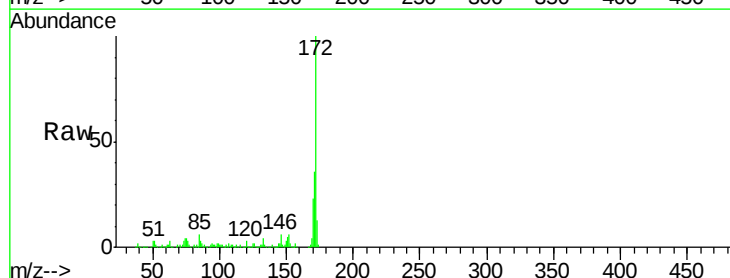
Tgt Ion:172 Resp: 806855

Ion Ratio Lower Upper

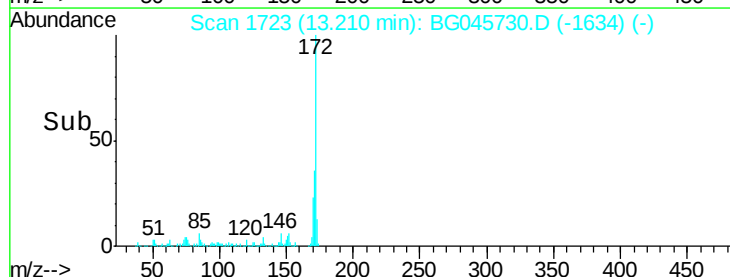
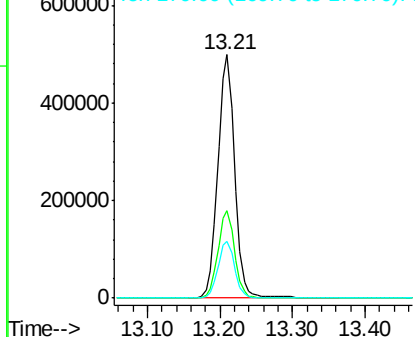
172 100

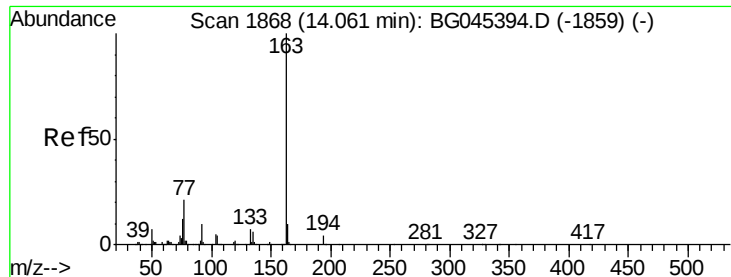
171 36.0 29.5 44.3

170 23.4 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





#50

Dimethylphthalate

Concen: 11.254 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BG045730.D

Acq: 11 Jun 2020 20:58

Instrument :

BNA_G

ClientSampleId :

600472986

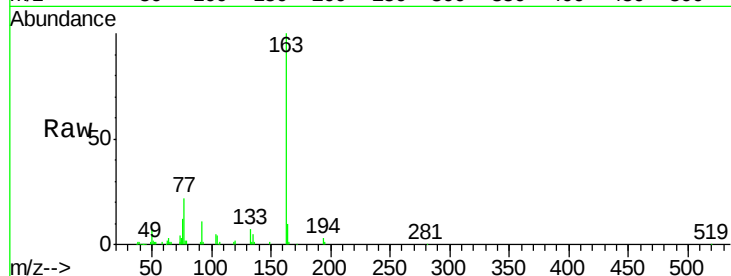
Tot Ion:163 Resp: 94190

Ion Ratio Lower Upper

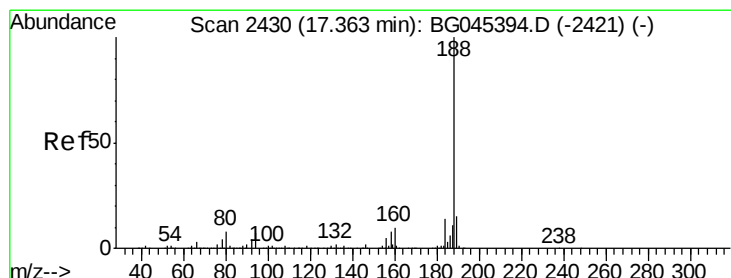
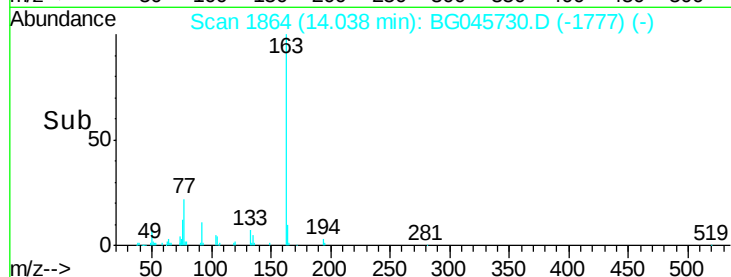
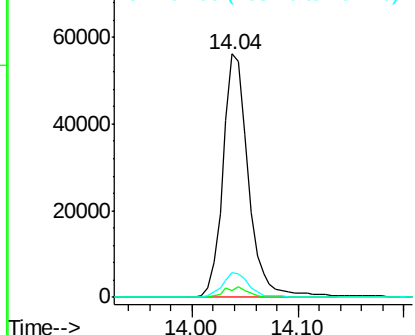
163 100

194 2.9 3.2 4.8#

164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045730.D

Acq: 11 Jun 2020 20:58

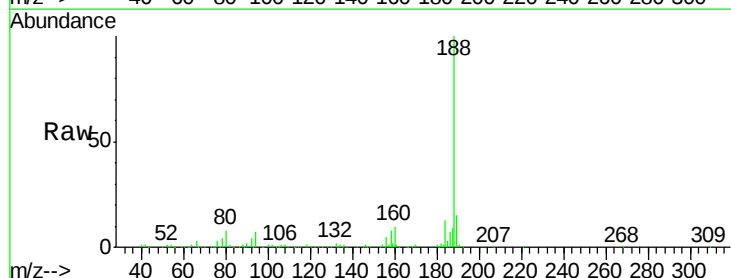
Tgt Ion:188 Resp: 304603

Ion Ratio Lower Upper

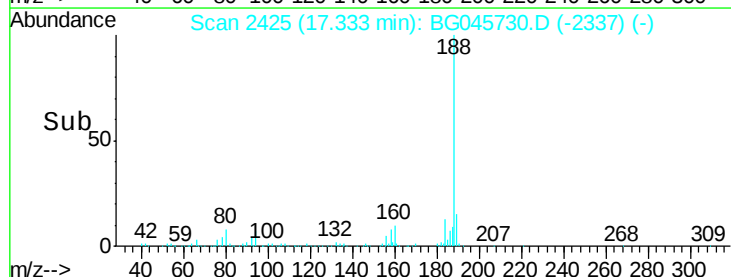
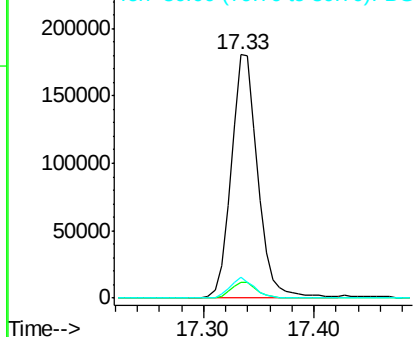
188 100

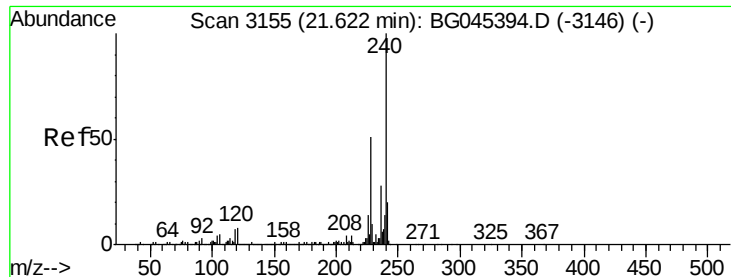
94 6.7 5.5 8.3

80 8.4 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: BG045730.D

Acq: 11 Jun 2020 20:58

Instrument :

BNA_G

ClientSampleId :

600472986

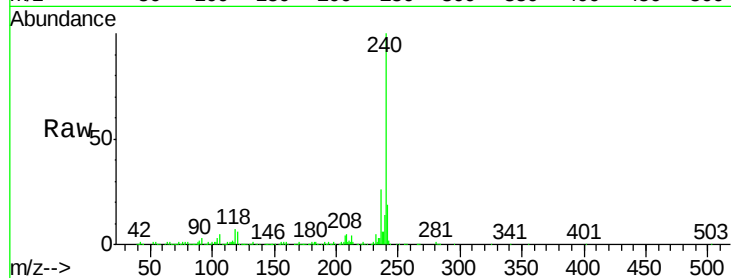
Tot Ion:240 Resp: 315437

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

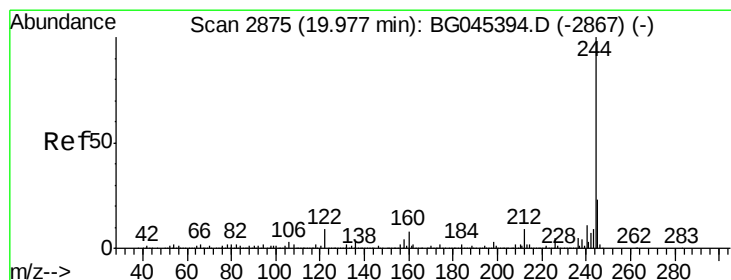
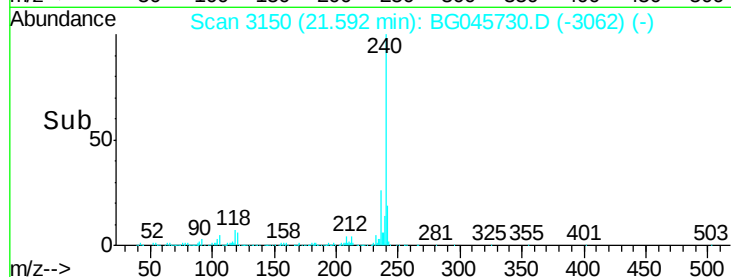
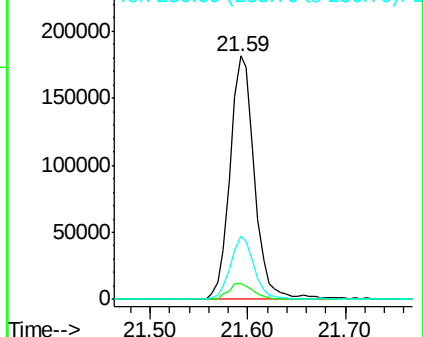
236 26.0 22.3 33.5



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: 122.726 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045730.D

Acq: 11 Jun 2020 20:58

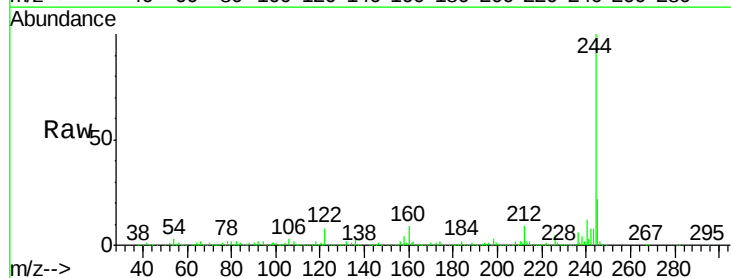
Tgt Ion:244 Resp: 1659842

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

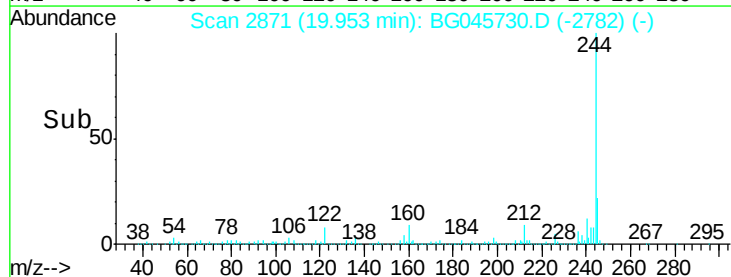
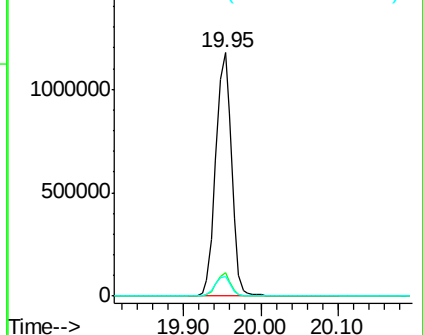
122 8.3 6.8 10.2

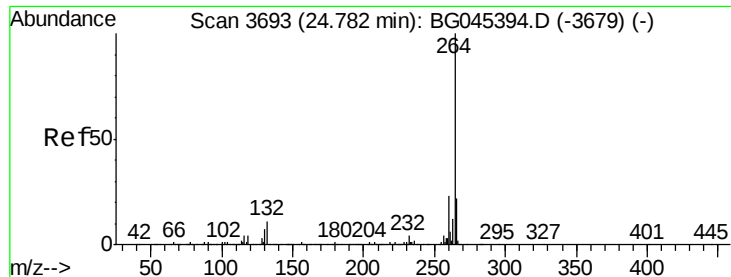


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

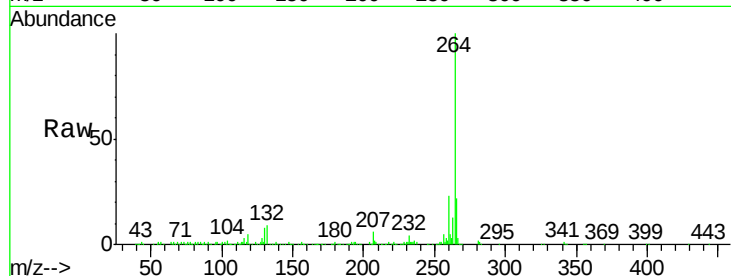




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.9	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

