

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045711.D
 Acq On : 11 Jun 2020 6:44
 Operator : CG/JU
 Sample : L2950-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11939

Quant Time: Jun 11 07:25:23 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

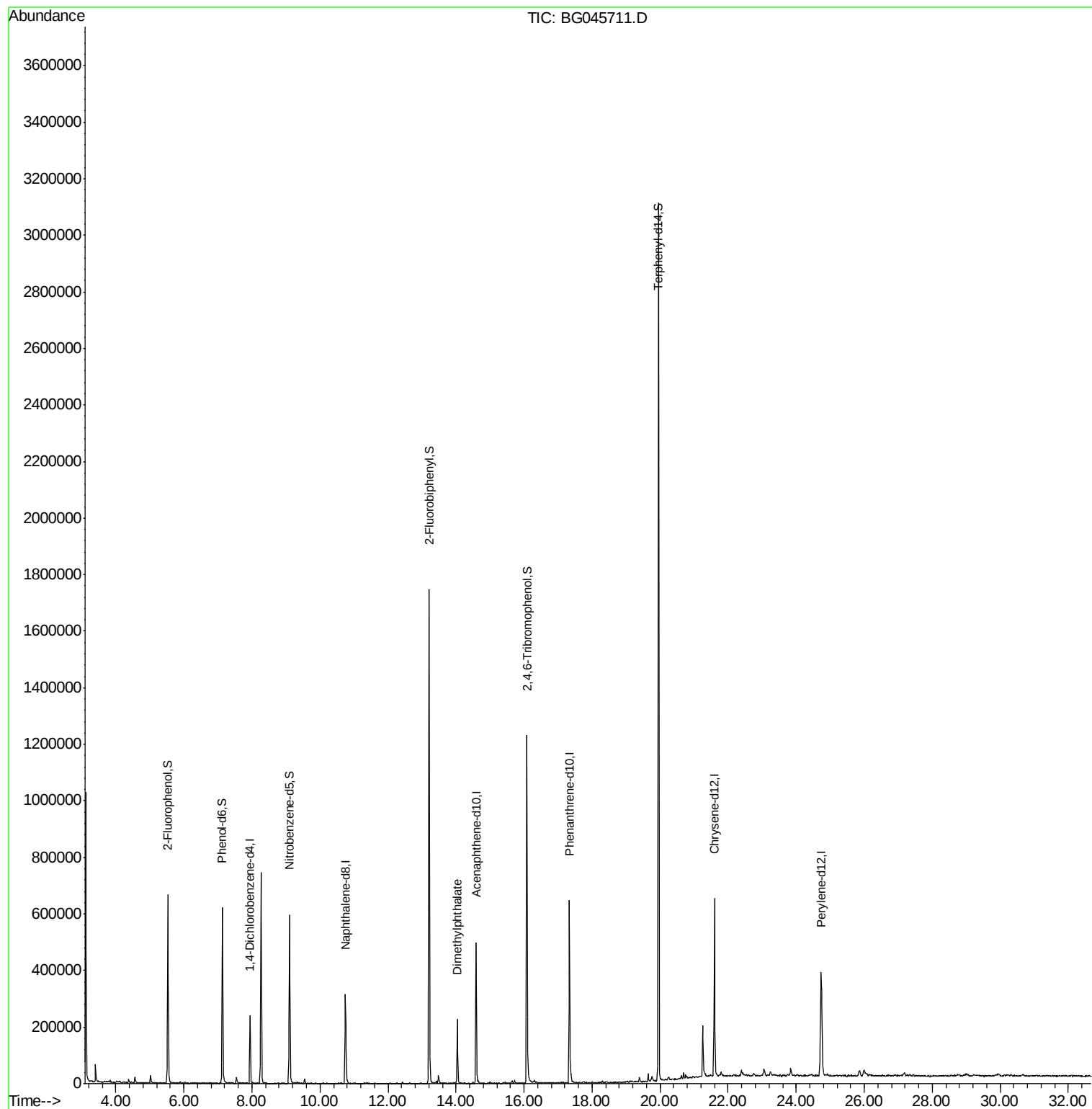
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	70809	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	278813	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	191892	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	418755	20.00	ng	0.00
76) Chrysene-d12	21.59	240	403951	20.00	ng	0.00
87) Perylene-d12	24.74	264	431569	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	311681	86.02	ng	0.00
7) Phenol-d6	7.13	99	401496	77.86	ng	-0.02
23) Nitrobenzene-d5	9.10	82	410386	80.27	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	267237	108.89	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	962794	85.11	ng	0.00
79) Terphenyl-d14	19.95	244	1525429	88.07	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	157992	12.002	ng	Qvalue 99

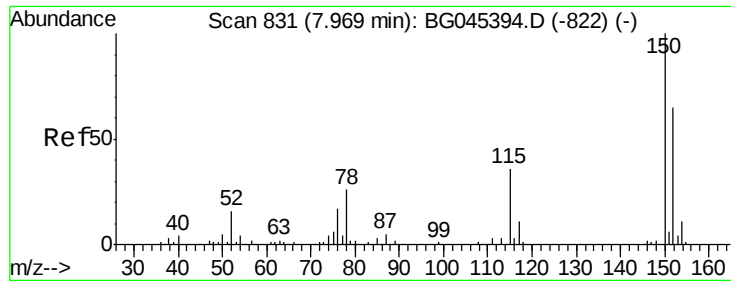
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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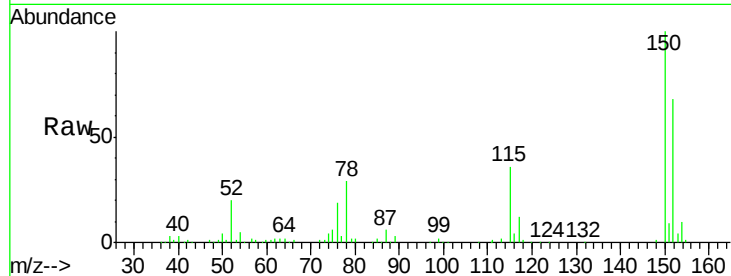


#1

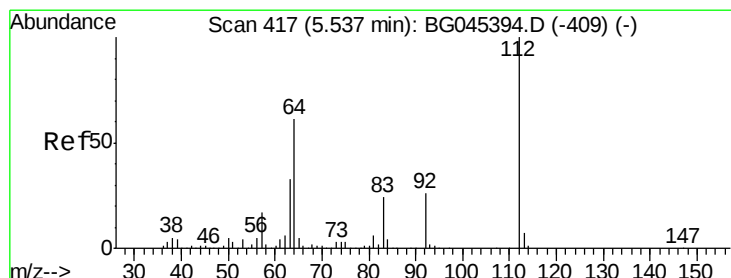
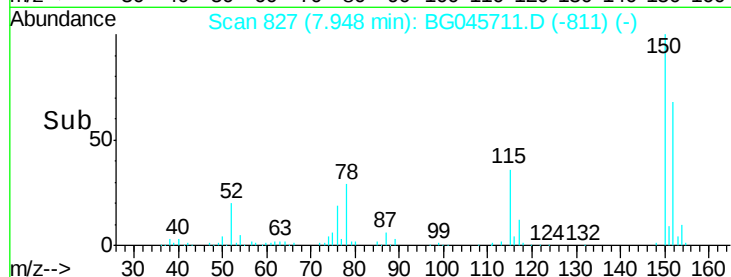
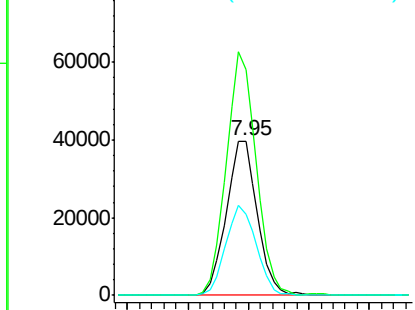
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045711.D
Acq: 11 Jun 2020 6:44

Instrument :
BNA_G
ClientSampleId :
72-11939

Tot Ion:152 Resp: 70809
Ion Ratio Lower Upper
152 100
150 146.1 122.4 183.6
115 52.5 44.2 66.4



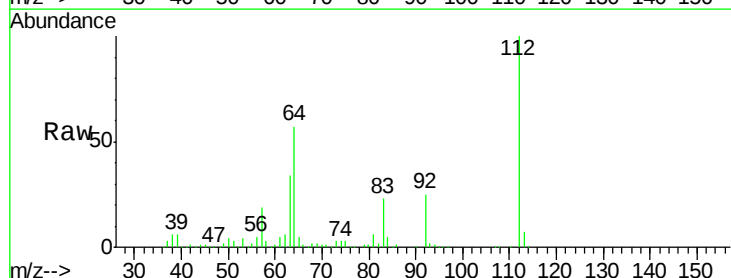
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



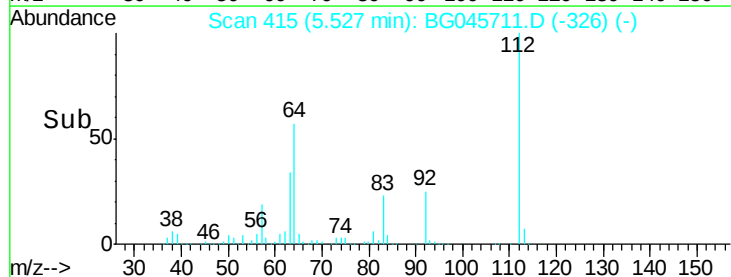
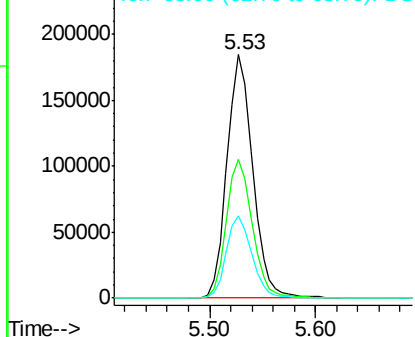
#5

2-Fluorophenol
Concen: 86.023 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045711.D
Acq: 11 Jun 2020 6:44

Tgt Ion:112 Resp: 311681
Ion Ratio Lower Upper
112 100
64 57.2 48.6 72.8
63 33.7 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: 77.855 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045711.D

Acq: 11 Jun 2020 6:44

Instrument :

BNA_G

ClientSampleId :

72-11939

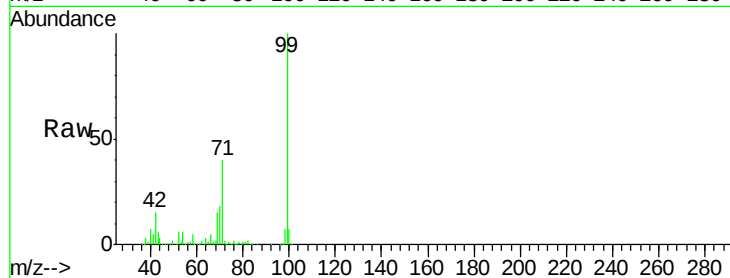
Tot Ion: 99 Resp: 401496

Ion Ratio Lower Upper

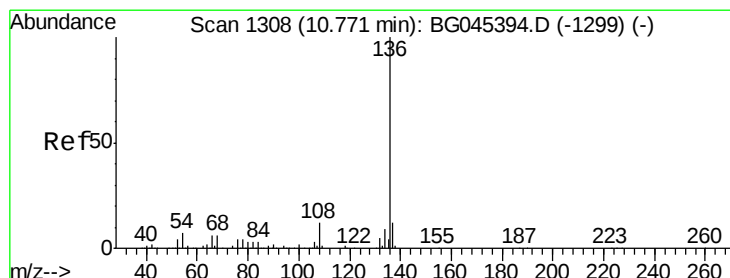
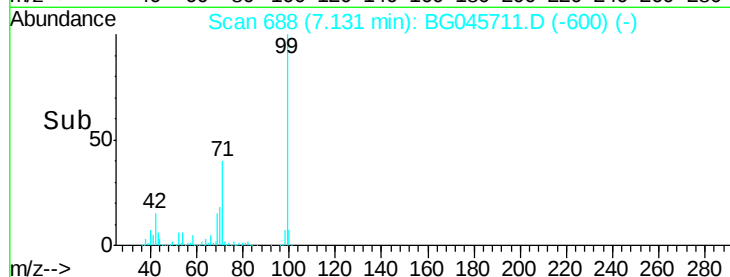
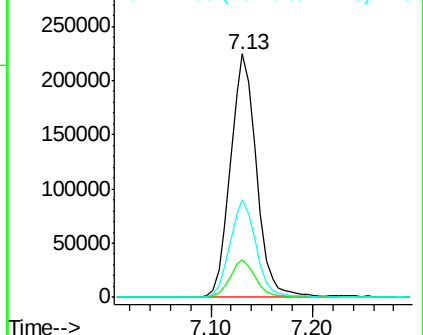
99 100

42 15.4 11.3 16.9

71 40.2 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: BG045711.D

Acq: 11 Jun 2020 6:44

Tgt Ion: 136 Resp: 278813

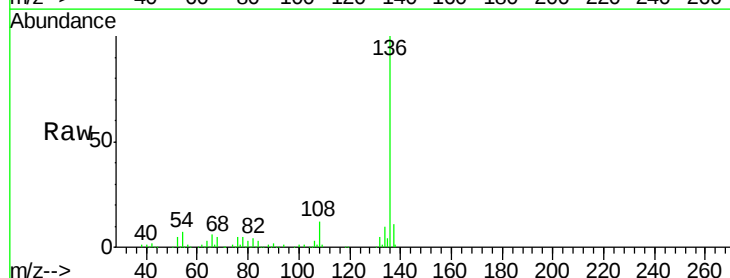
Ion Ratio Lower Upper

136 100

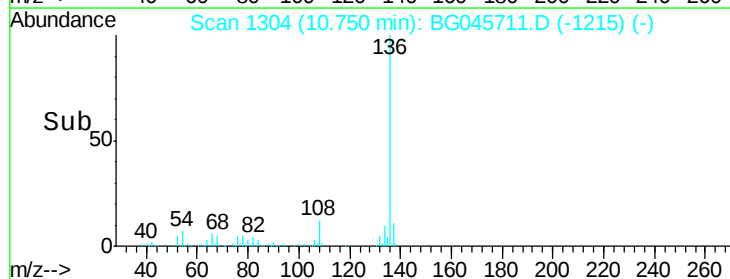
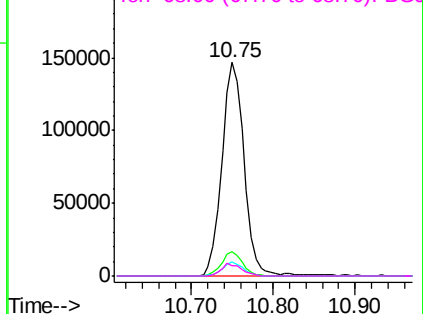
137 11.4 9.4 14.2

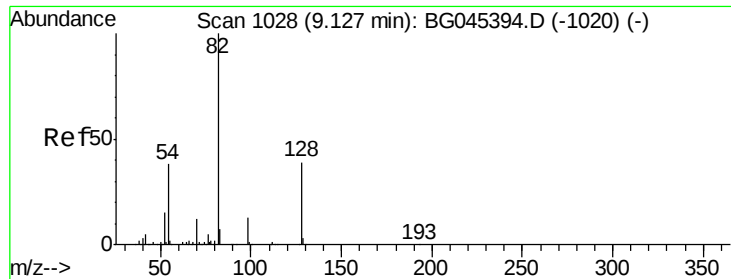
54 6.7 5.8 8.6

68 4.8 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: 80.265 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG045711.D

Acq: 11 Jun 2020 6:44

Instrument :

BNA_G

ClientSampled :

72-11939

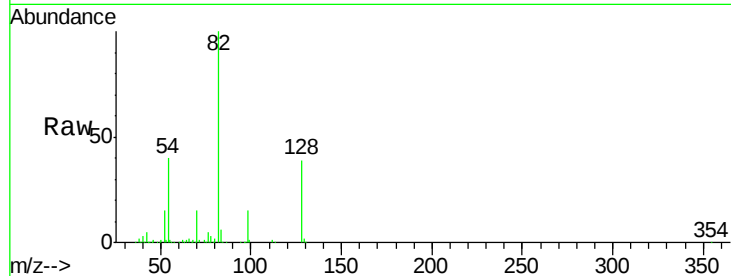
Tot Ion: 82 Resp: 410386

Ion Ratio Lower Upper

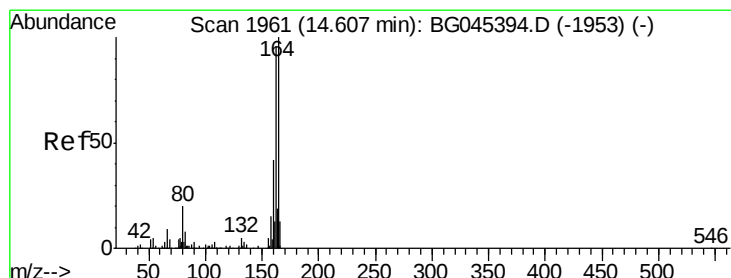
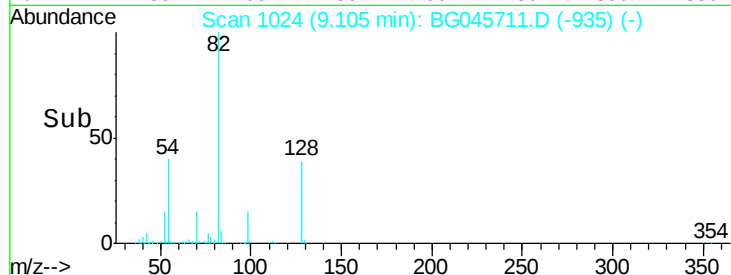
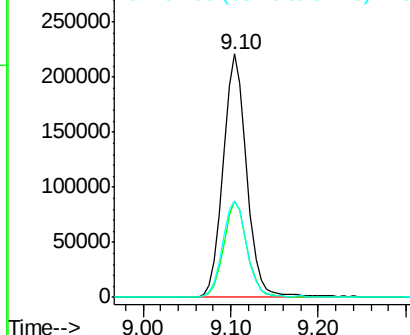
82 100

128 39.4 30.9 46.3

54 39.7 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: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045711.D

Acq: 11 Jun 2020 6:44

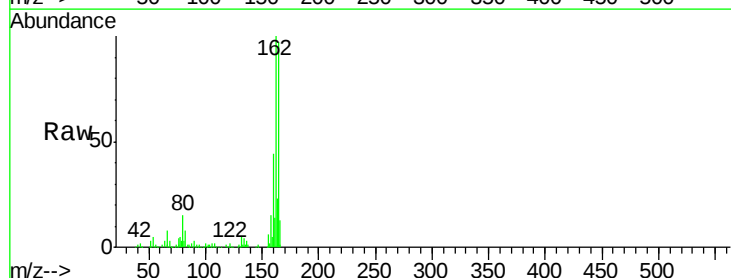
Tgt Ion: 164 Resp: 191892

Ion Ratio Lower Upper

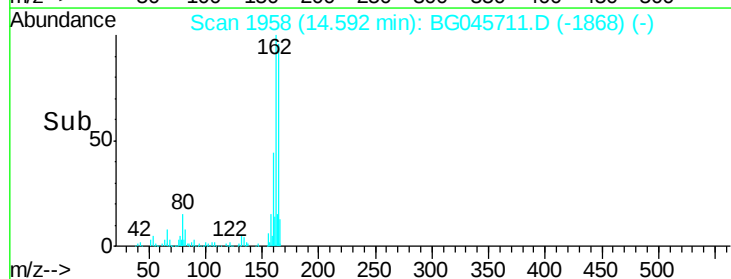
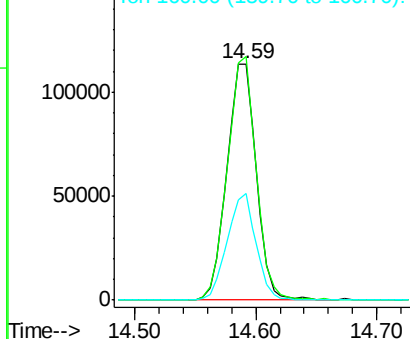
164 100

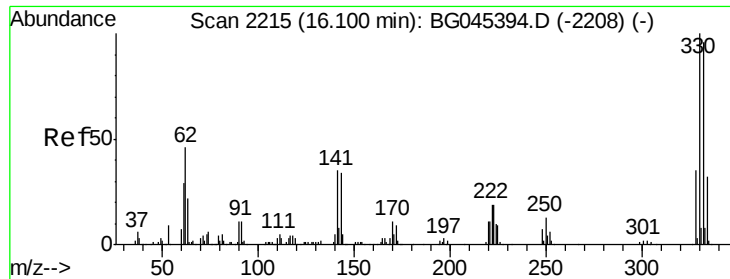
162 103.2 76.9 115.3

160 45.4 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

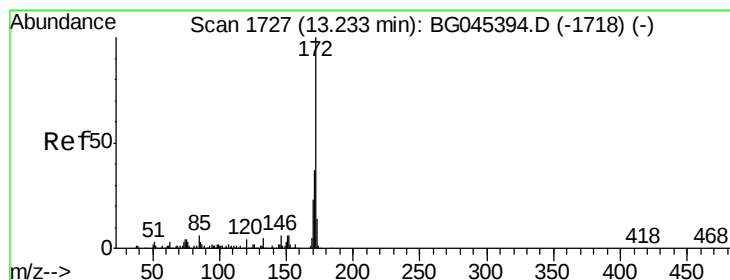
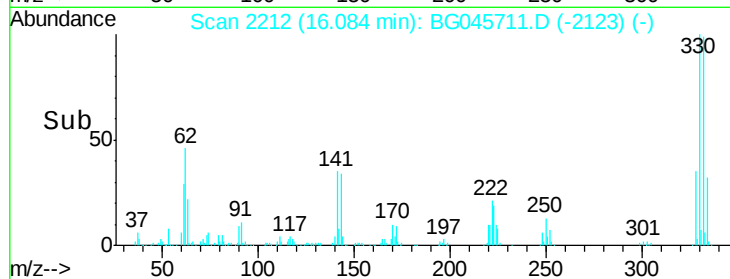
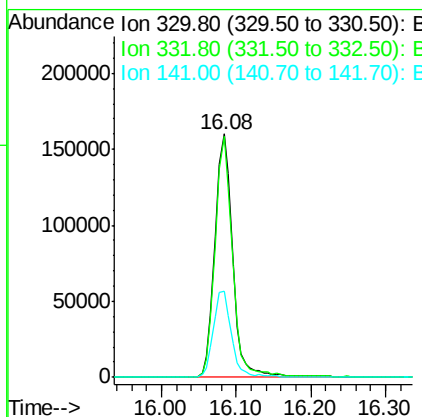
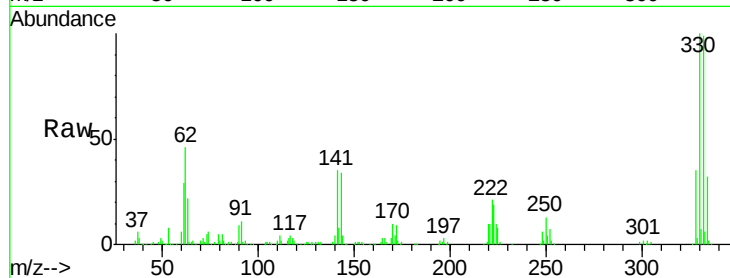




#42
 2,4,6-Tribromophenol
 Concen: 108.895 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045711.D
 Acq: 11 Jun 2020 6:44

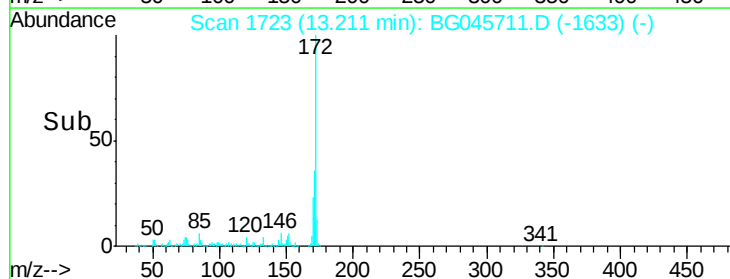
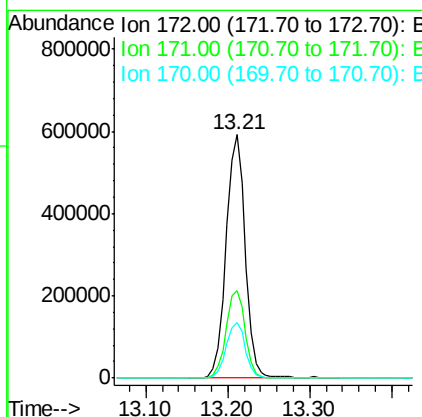
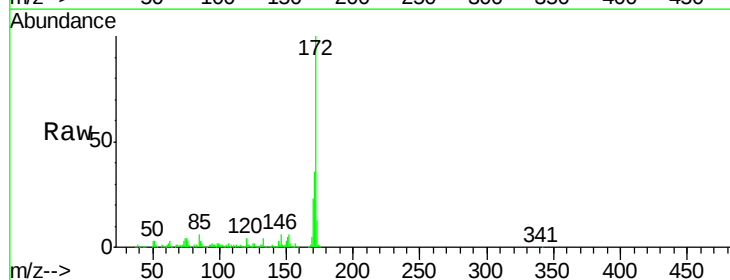
Instrument :
 BNA_G
 ClientSampleId :
 72-11939

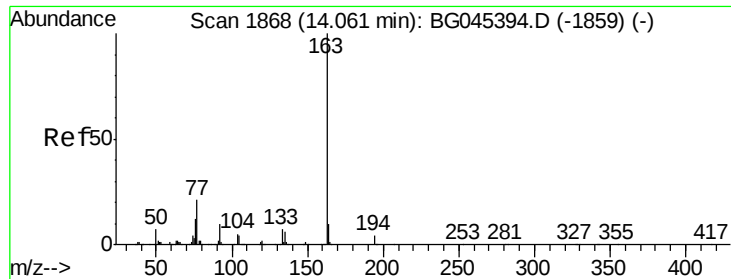
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.4
141	36.2	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 85.105 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045711.D
 Acq: 11 Jun 2020 6:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.5	44.3
170	22.9	18.5	27.7





#50

Dimethylphthalate

Concen: 12.002 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BG045711.D

Acq: 11 Jun 2020 6:44

Instrument :

BNA_G

ClientSampleId :

72-11939

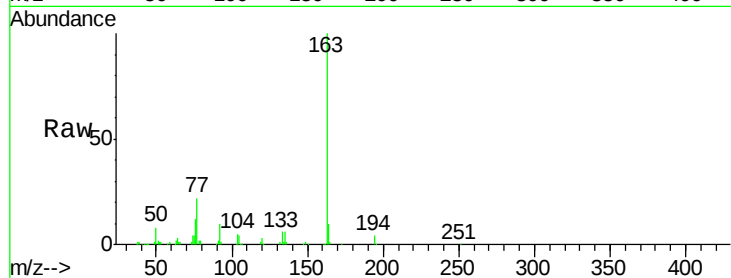
Tot Ion:163 Resp: 157992

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

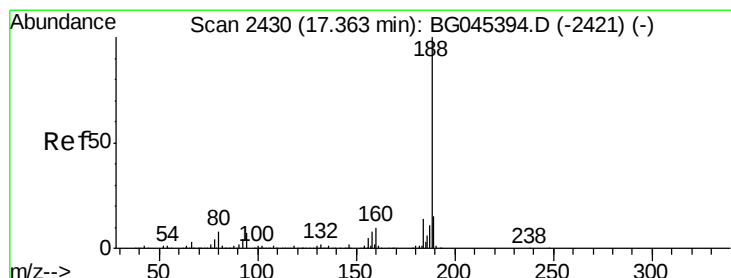
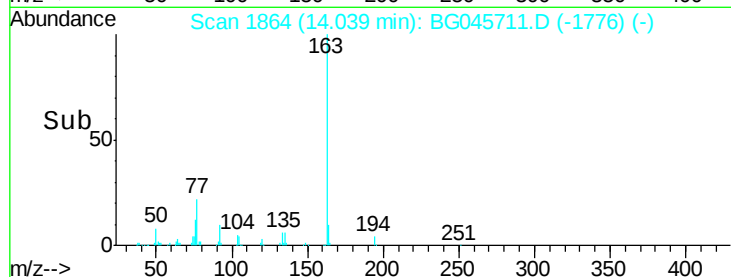
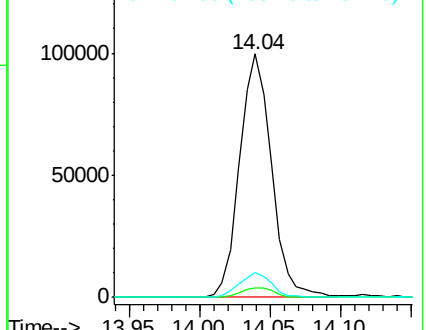
164 10.0 8.3 12.5



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: BG045711.D

Acq: 11 Jun 2020 6:44

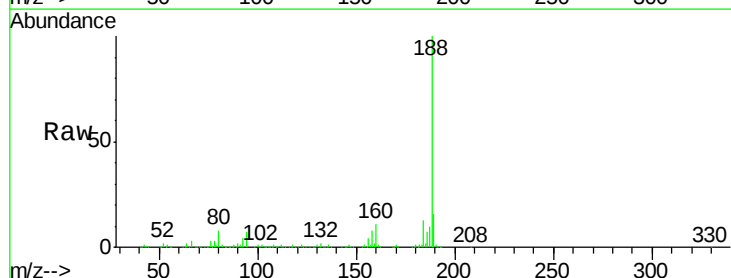
Tgt Ion:188 Resp: 418755

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

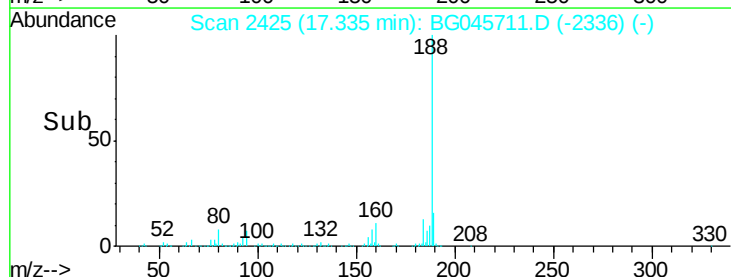
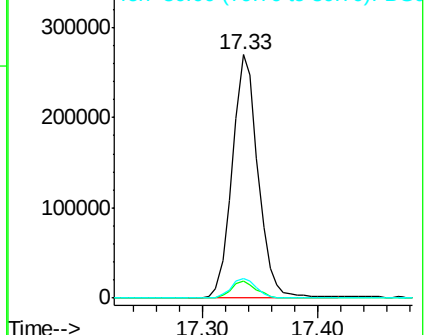
80 8.0 6.6 10.0

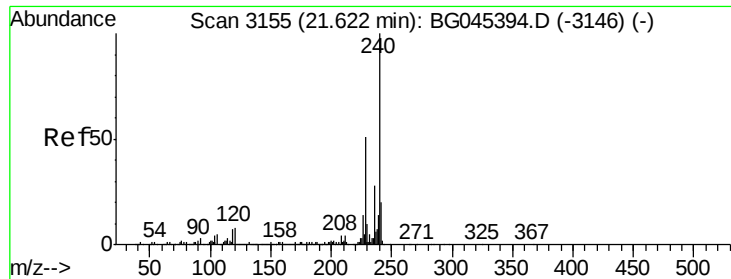


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045711.D

Acq: 11 Jun 2020 6:44

Instrument :

BNA_G

ClientSampleId :

72-11939

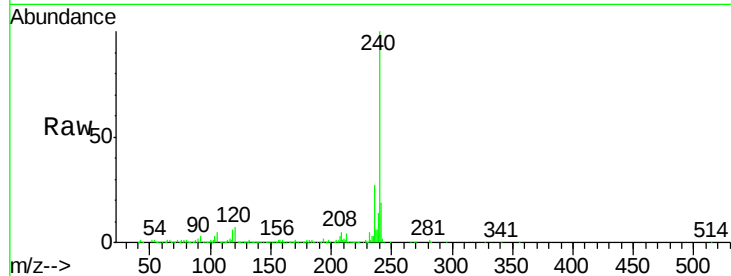
Tot Ion:240 Resp: 403951

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

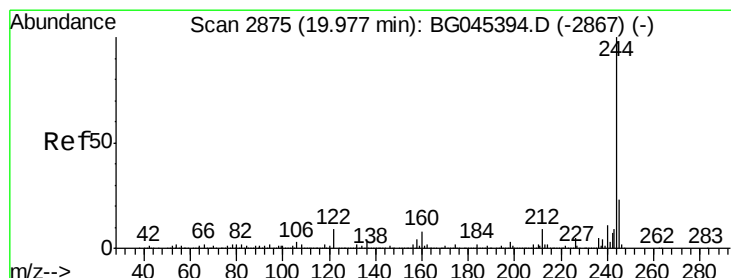
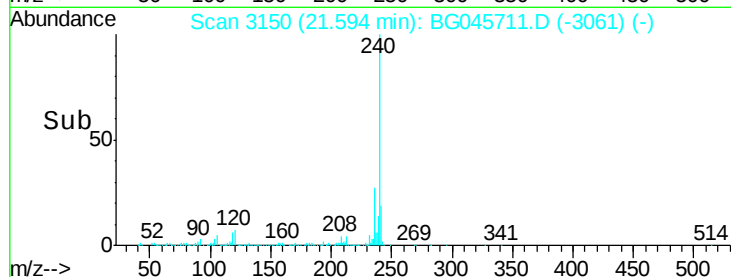
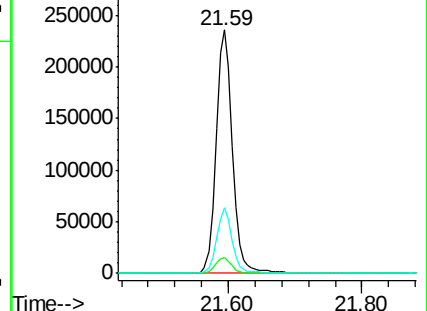
236 27.0 22.3 33.5



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: 88.074 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045711.D

Acq: 11 Jun 2020 6:44

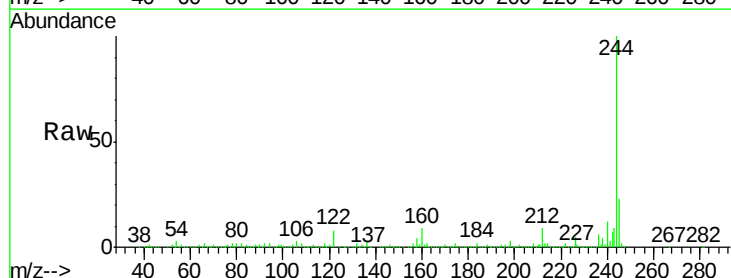
Tgt Ion:244 Resp: 1525429

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

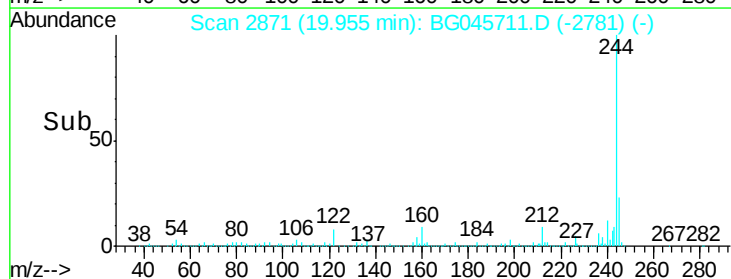
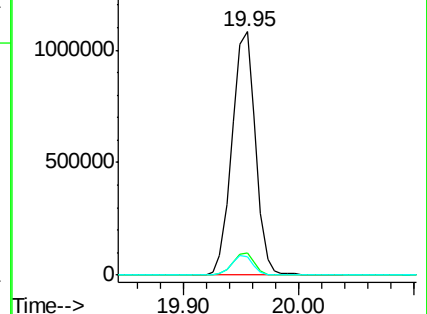
122 7.7 6.8 10.2

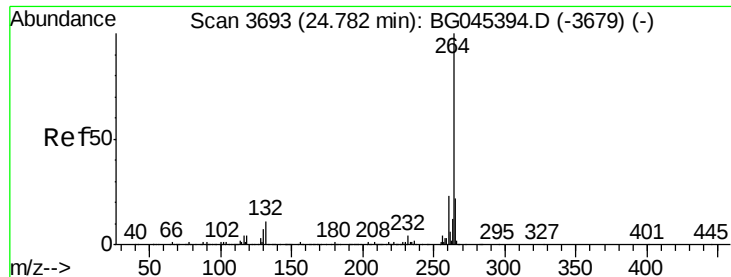


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

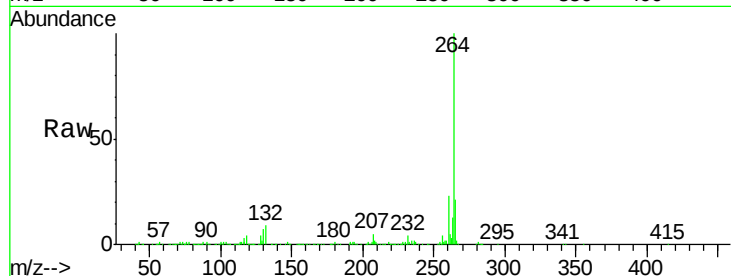




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG045711.D
Acq: 11 Jun 2020 6:44

Instrument :
BNA_G
ClientSampleId :
72-11939

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.7	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

