

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044353.D
 Acq On : 8 Feb 2020 2:48
 Operator : CG/JU
 Sample : L1431-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11986

Quant Time: Feb 08 03:29:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

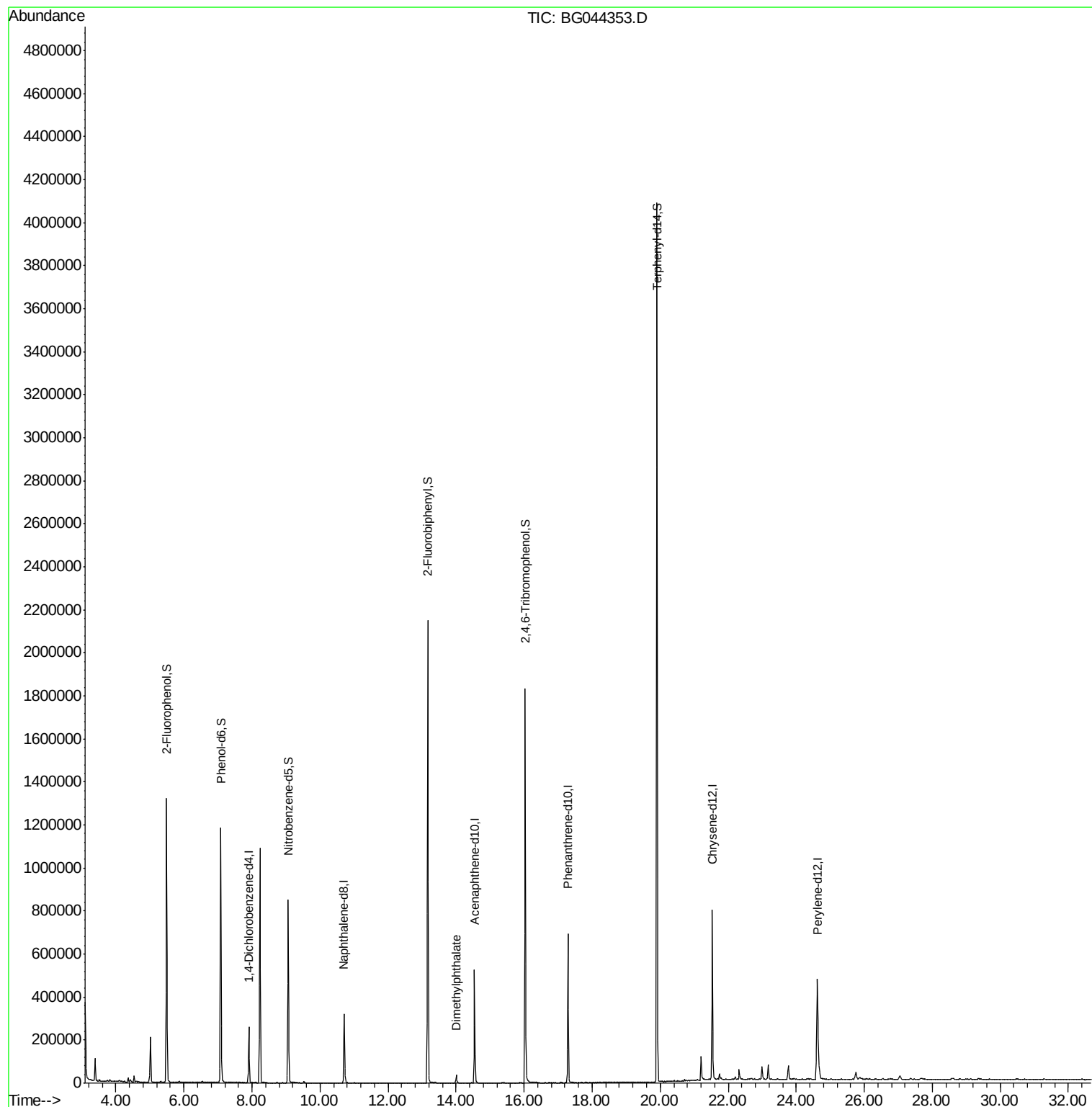
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	77761	20.00	ng	-0.01
21) Naphthalene-d8	10.71	136	306464	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	190934	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	454155	20.00	ng	0.00
76) Chrysene-d12	21.53	240	463369	20.00	ng	-0.01
87) Perylene-d12	24.62	264	473528	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	637500	144.69	ng	0.00
7) Phenol-d6	7.08	99	762294	128.84	ng	0.00
23) Nitrobenzene-d5	9.06	82	544352	100.28	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	367605	164.00	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1199830	105.23	ng	0.00
79) Terphenyl-d14	19.91	244	2040519	90.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	34948	2.546	ng	Qvalue # 97

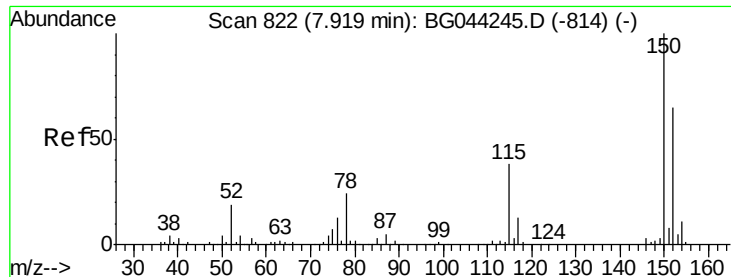
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 30 16:05:09 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

Instrument :

BNA_G

ClientSampleId :

72-11986

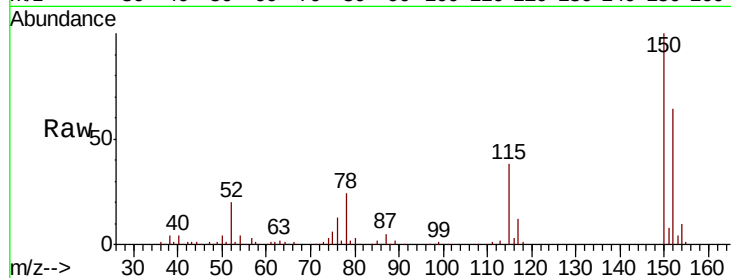
Tot Ion:152 Resp: 77761

Ion Ratio Lower Upper

152 100

150 155.9 122.6 183.8

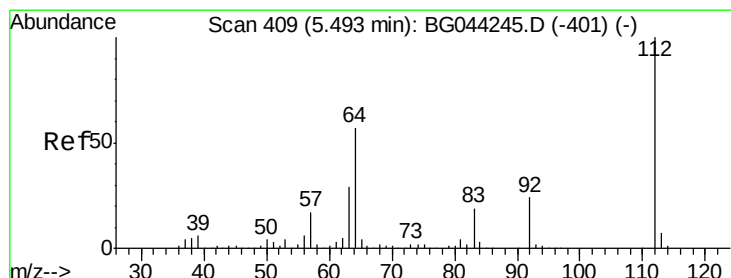
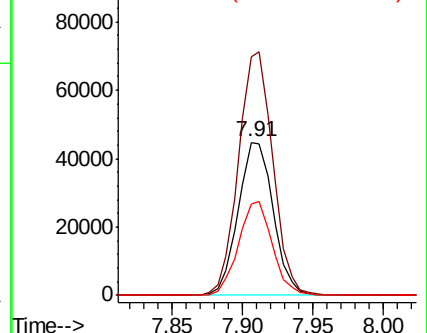
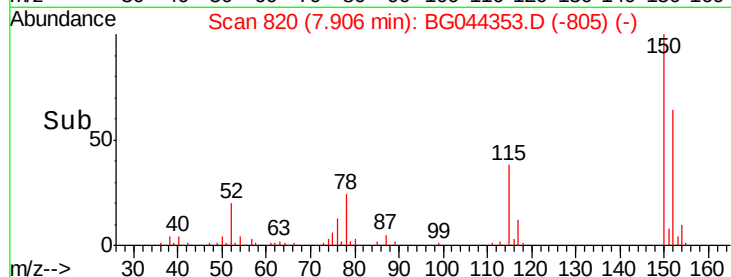
115 59.6 46.0 69.0



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: 144.685 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

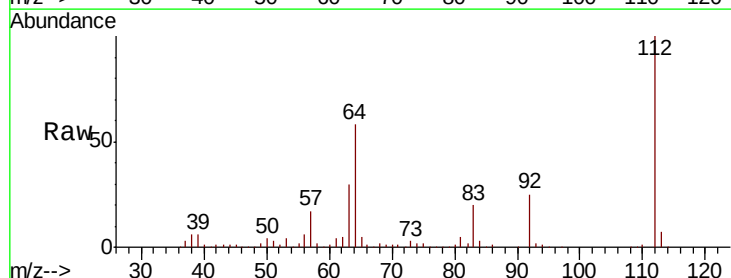
Tgt Ion:112 Resp: 637500

Ion Ratio Lower Upper

112 100

64 57.6 45.4 68.2

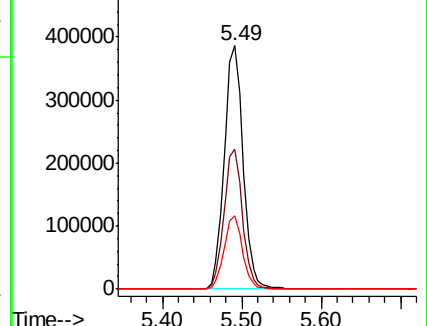
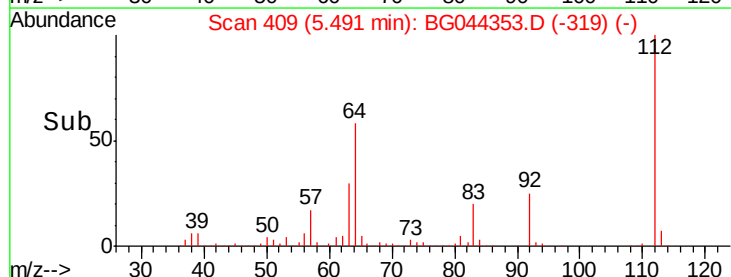
63 30.1 22.9 34.3

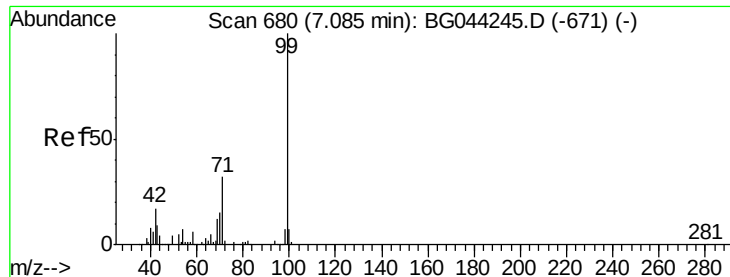


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 128.837 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

Instrument :

BNA_G

ClientSampled :

72-11986

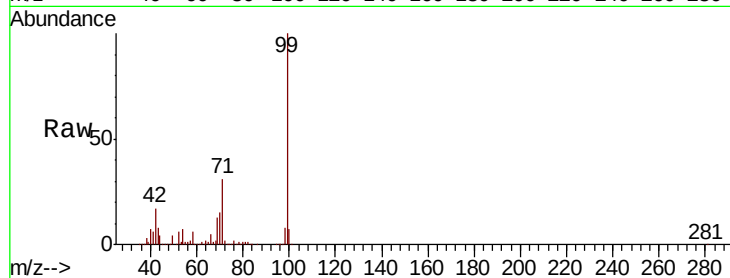
Tot Ion: 99 Resp: 762294

Ion Ratio Lower Upper

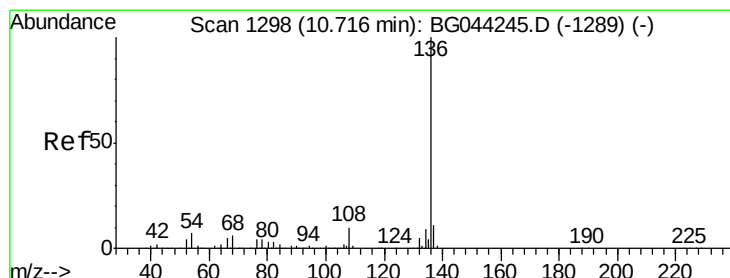
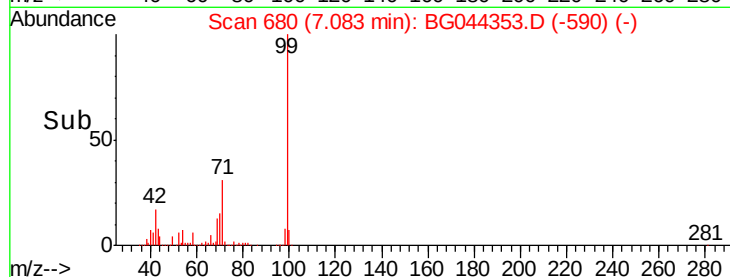
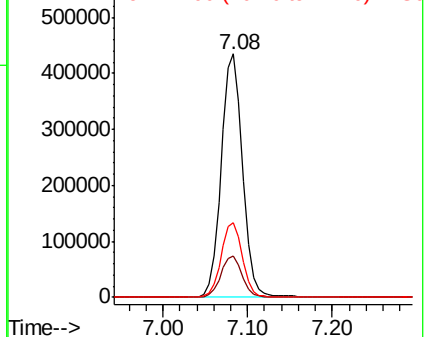
99 100

42 16.9 13.8 20.6

71 30.9 25.5 38.3



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: 10.71 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

Tgt Ion: 136 Resp: 306464

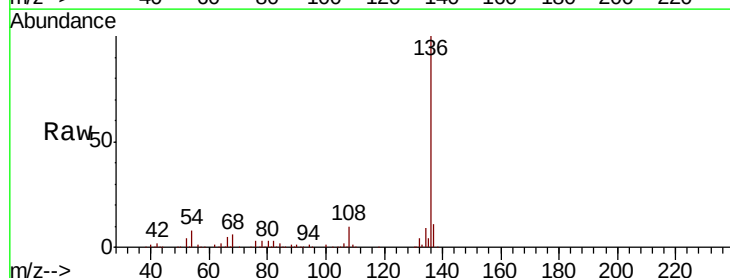
Ion Ratio Lower Upper

136 100

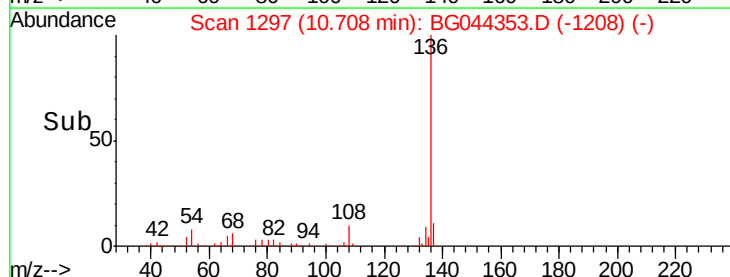
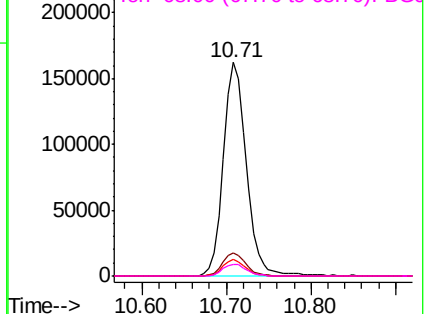
137 10.6 8.8 13.2

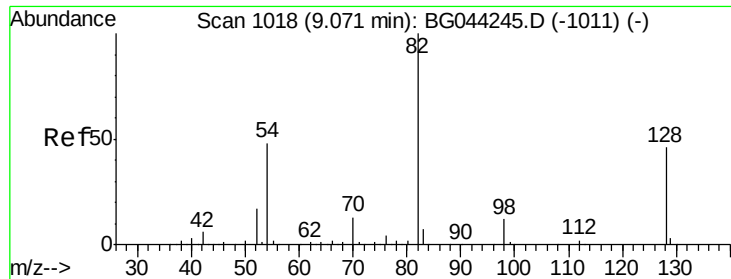
54 7.6 5.8 8.8

68 5.7 4.6 6.8



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

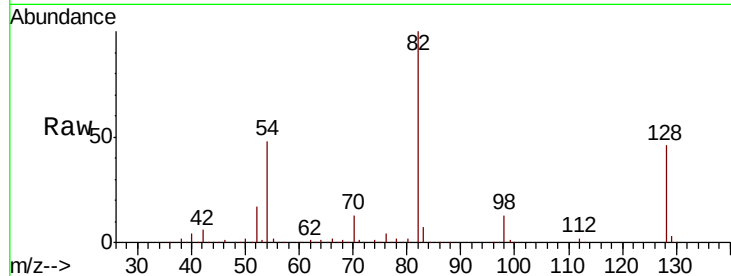




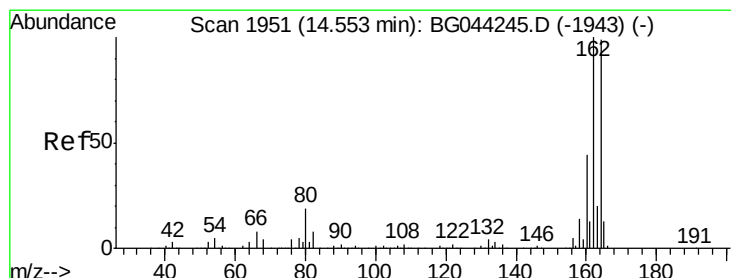
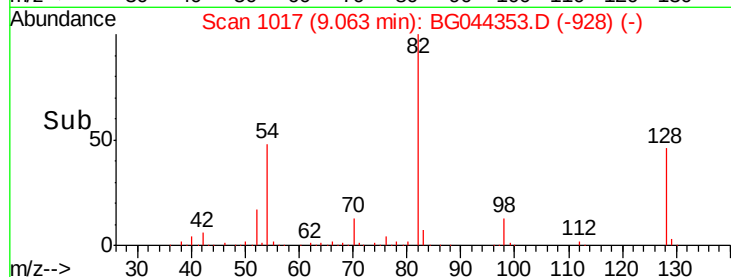
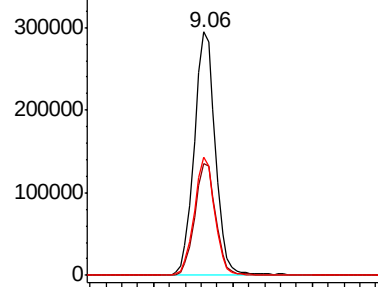
#23
Nitrobenzene-d5
Concen: 100.280 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

Instrument :
BNA_G
ClientSampleId :
72-11986

Tot Ion	82	Resp	544352
Ion Ratio	100		
Lower		36.5	
Upper		54.7	
54	48.4	38.6	58.0

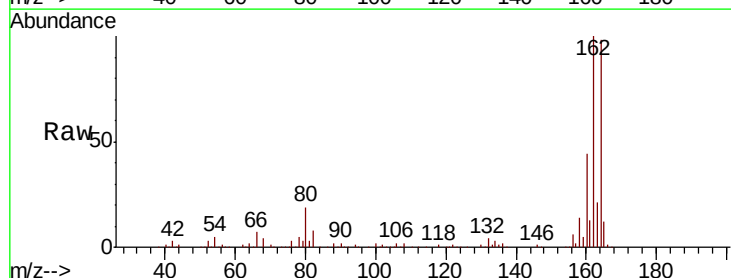


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

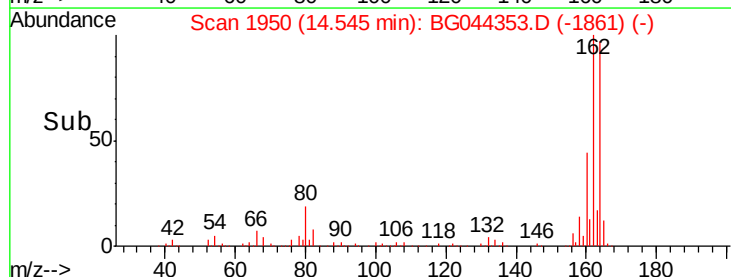
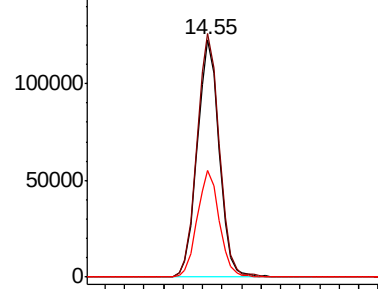


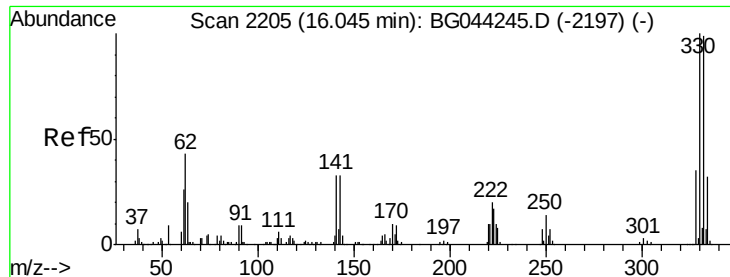
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

Tgt Ion	164	Resp	190934
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		80.7	
Upper		121.1	
162	102.4	35.3	52.9
160	44.8		



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

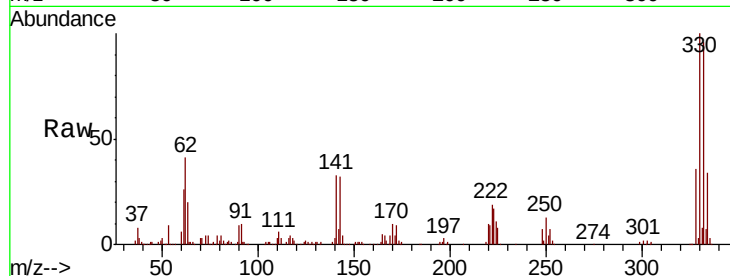




#42
 2,4,6-Tribromophenol
 Concen: 164.003 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044353.D
 Acq: 8 Feb 2020 2:48

Instrument :
 BNA_G
 ClientSampleId :
 72-11986

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	35.4	28.3	42.5

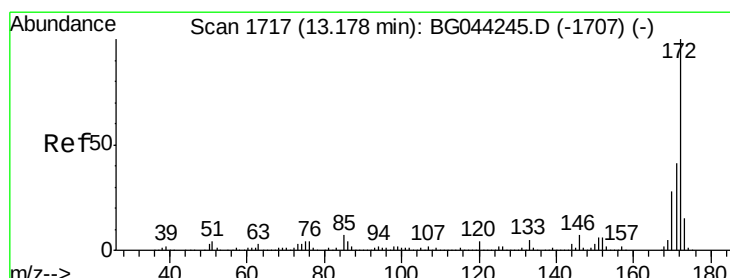
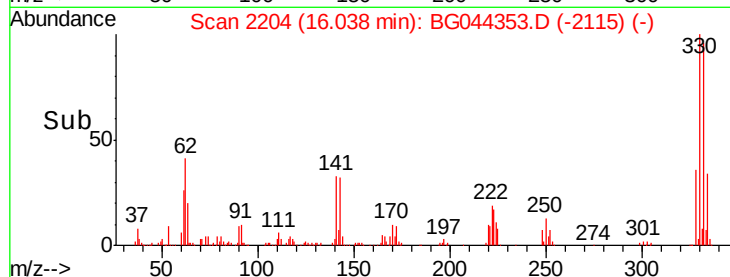
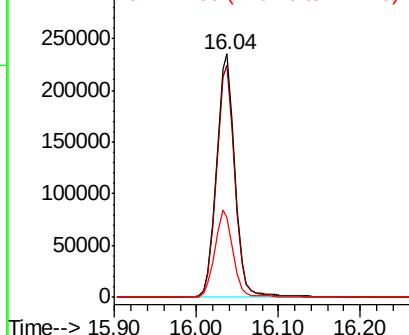


Abundance

Ion 329.80 (329.50 to 330.50): E

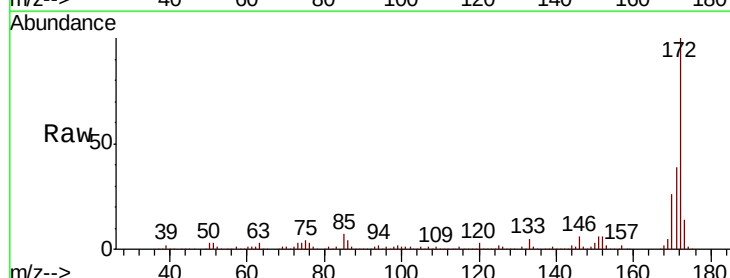
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 105.229 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044353.D
 Acq: 8 Feb 2020 2:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.9	49.3
170	26.2	22.0	33.0

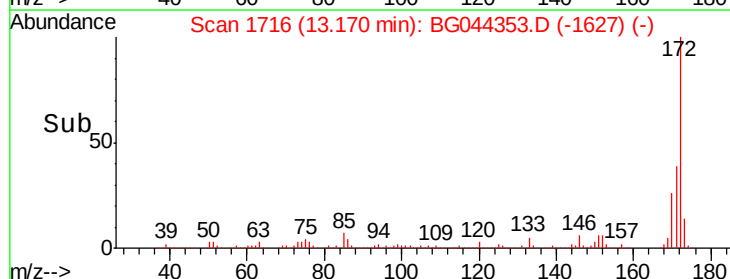
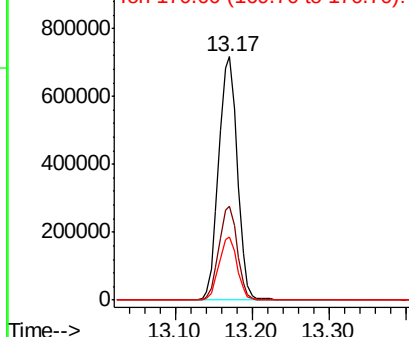


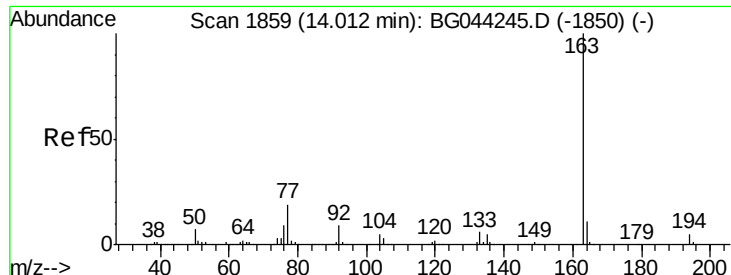
Abundance

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: 2.546 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

Instrument :

BNA_G

ClientSampleId :

72-11986

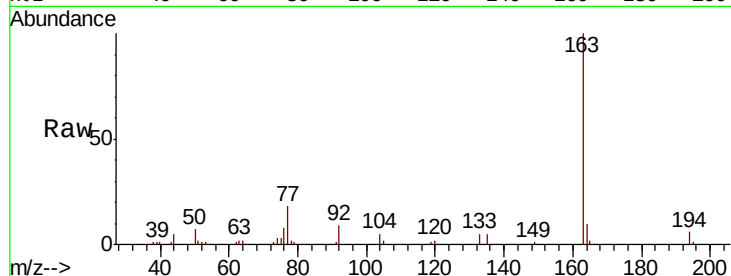
Tot Ion:163 Resp: 34948

Ion Ratio Lower Upper

163 100

194 5.9 3.6 5.4#

164 9.9 8.7 13.1

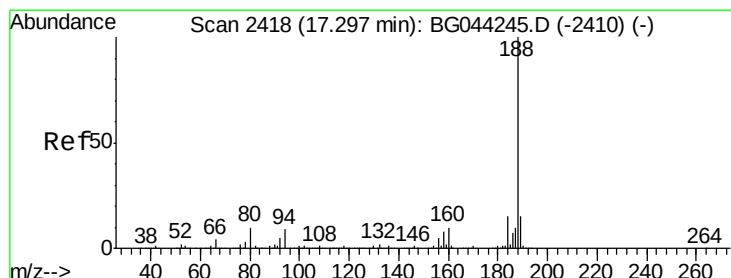
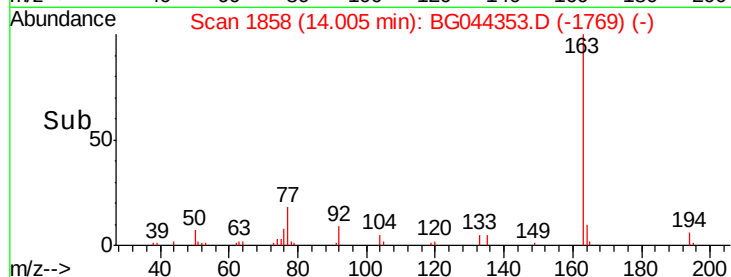
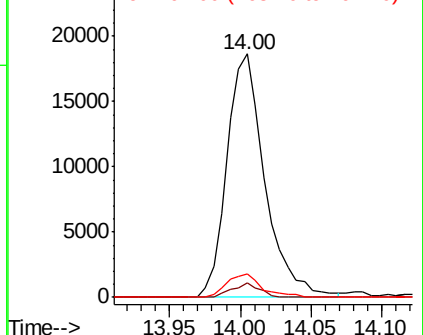


Abundance

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: 17.29 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

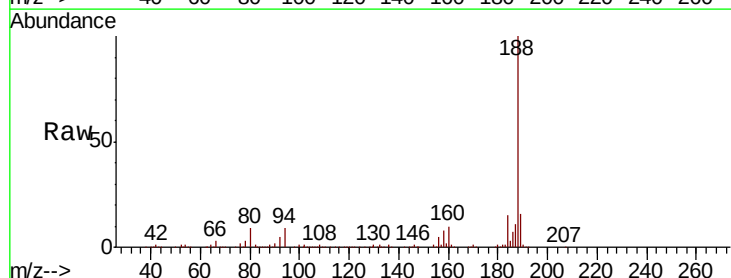
Tgt Ion:188 Resp: 454155

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.2 7.7 11.5

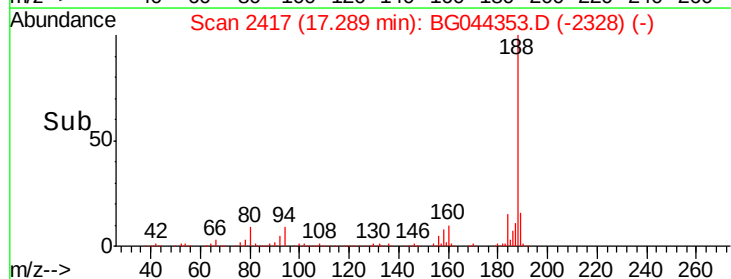
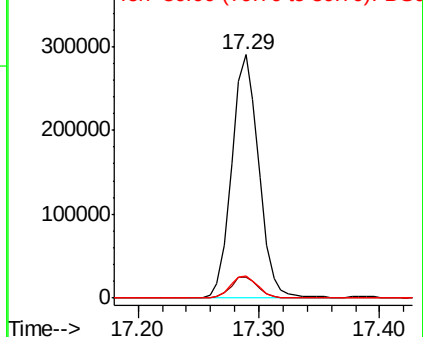


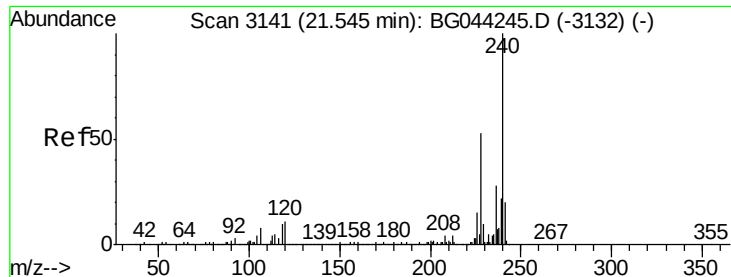
Abundance

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: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

Instrument :

BNA_G

ClientSampleId :

72-11986

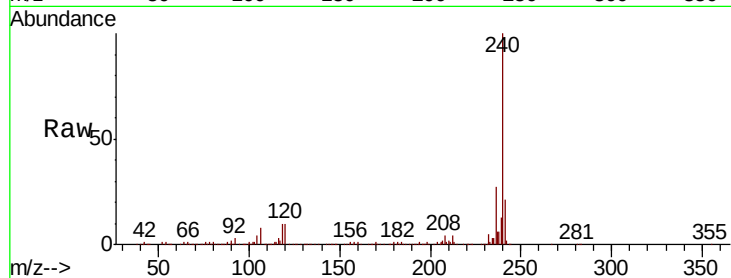
Tot Ion:240 Resp: 463369

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 27.2 22.1 33.1

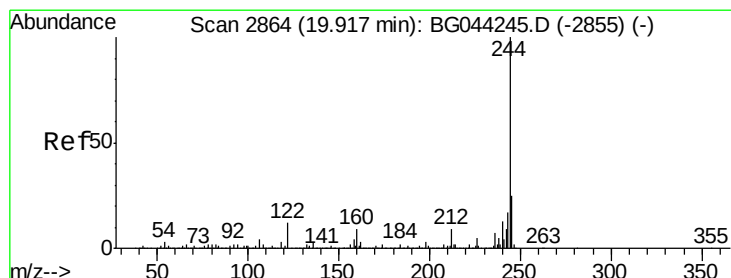
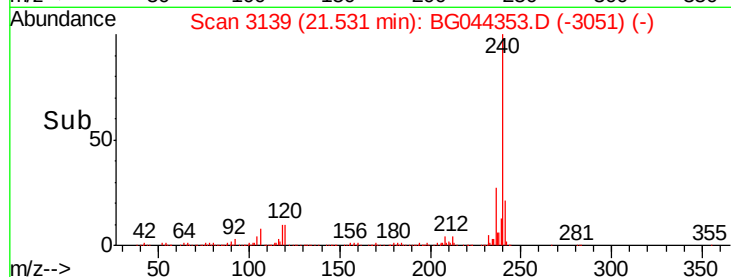
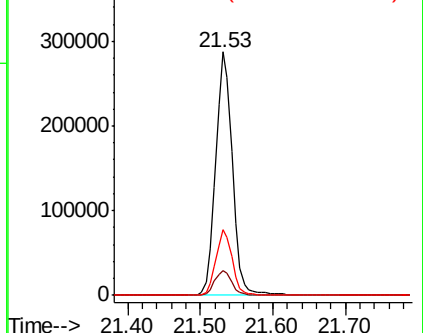


Abundance

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: 90.578 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

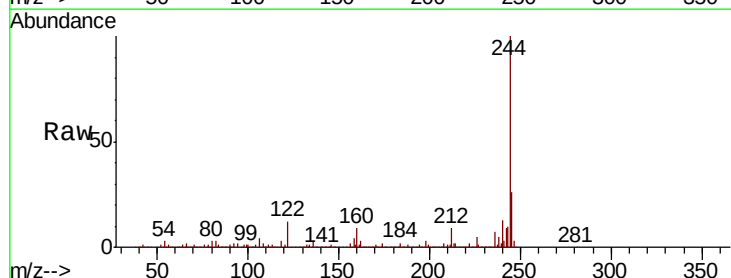
Tgt Ion:244 Resp: 2040519

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.2

122 12.3 9.8 14.6

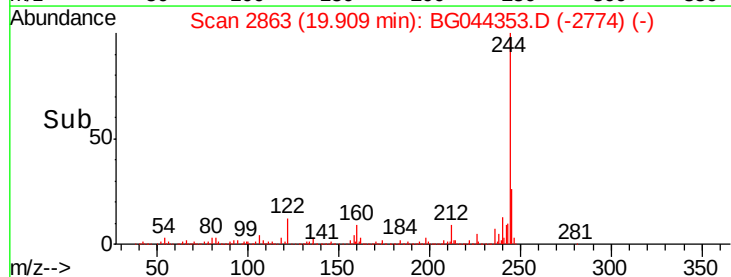
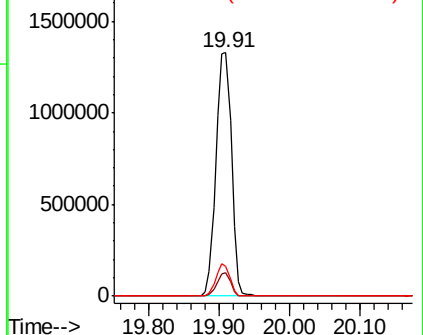


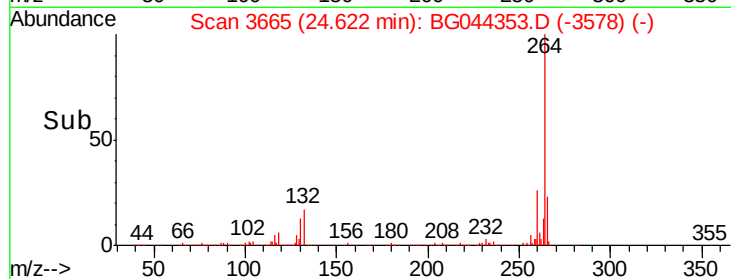
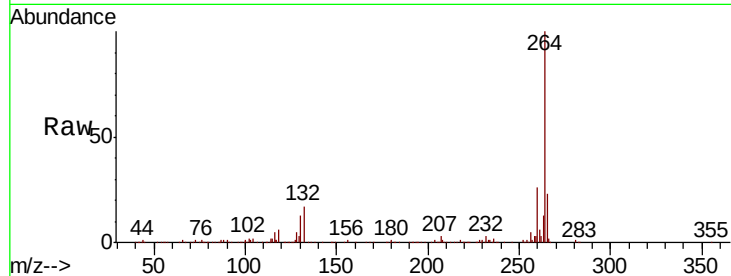
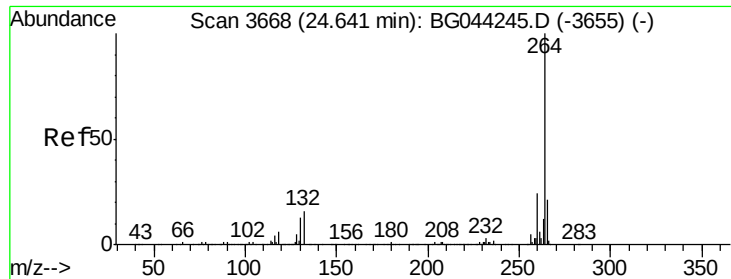
Abundance

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: 24.62 min Scan# 3665

Delta R.T. -0.02 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

Instrument :

BNA_G

ClientSampleId :

72-11986

Tot Ion:264 Resp: 473528

Ion Ratio Lower Upper

264 100

260 25.5 19.4 29.2

265 23.0 16.7 25.1

