

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044850.D
 Acq On : 18 Mar 2020 2:26
 Operator : CG/JU
 Sample : L1917-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-719

Quant Time: Mar 18 04:08:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

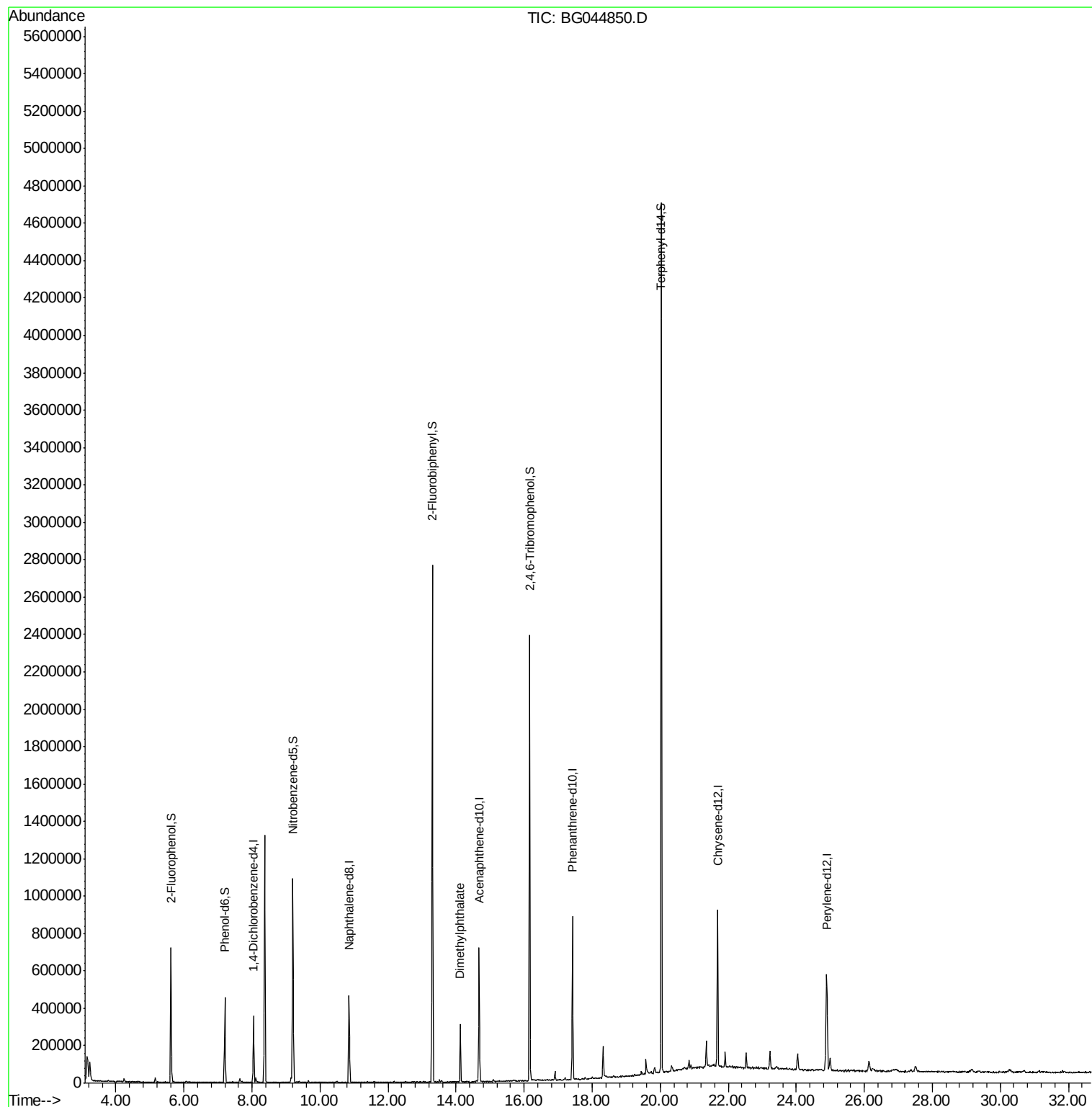
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	101652	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	401869	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	265090	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	574626	20.00	ng	0.00
76) Chrysene-d12	21.69	240	496822	20.00	ng	-0.01
87) Perylene-d12	24.90	264	570305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	329424	50.45	ng	0.00
7) Phenol-d6	7.20	99	283095	29.84	ng	0.00
23) Nitrobenzene-d5	9.20	82	722055	78.84	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	461112	132.85	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1491775	80.59	ng	0.00
79) Terphenyl-d14	20.03	244	2129663	80.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	203609	9.644	ng	Qvalue 99

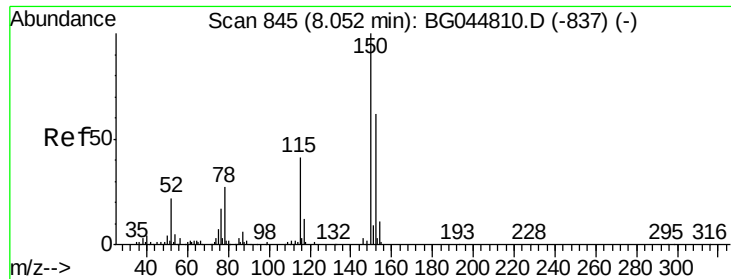
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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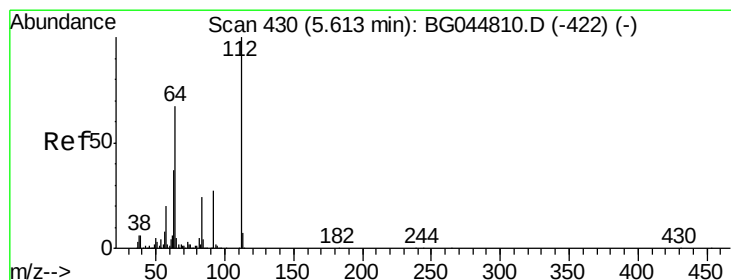
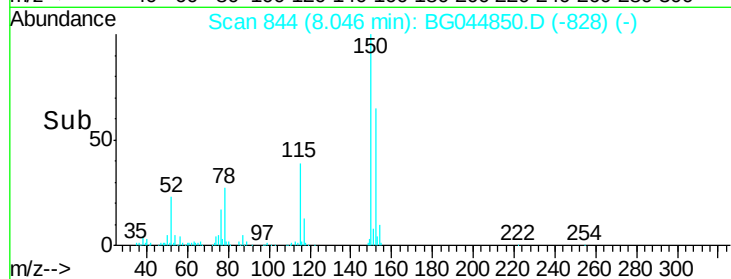
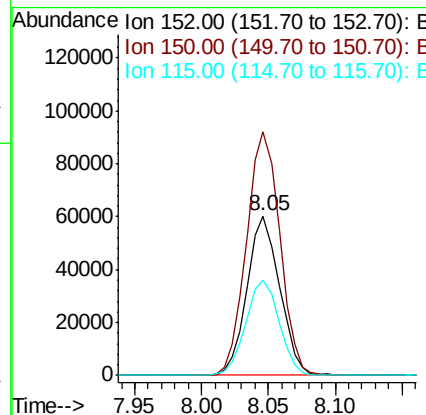
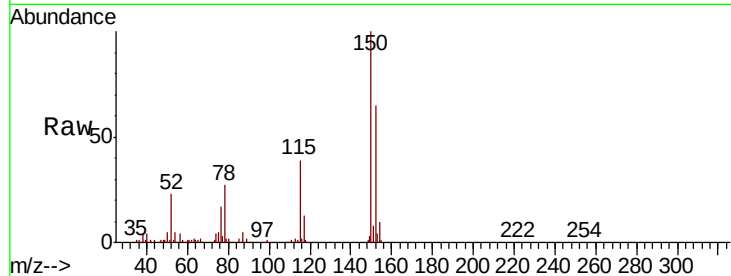


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044850.D
Acq: 18 Mar 2020 2:26

Instrument :
BNA_G
ClientSampleId :
MH-719

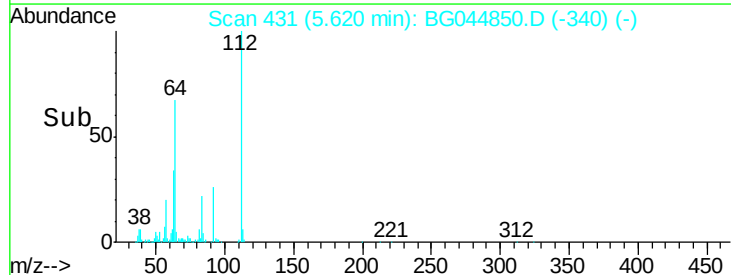
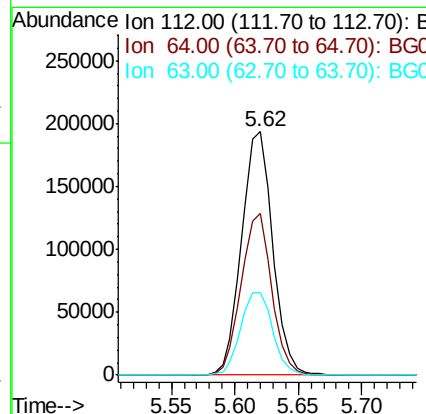
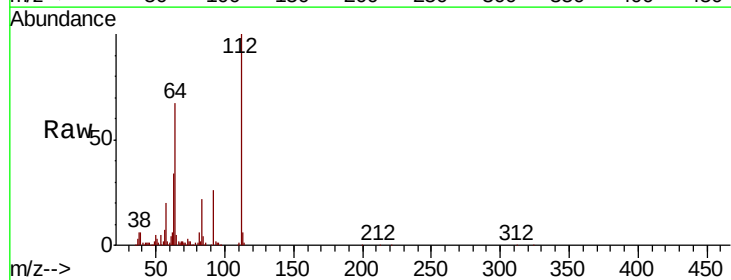
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	128.8	193.2
115	59.9	52.6	79.0

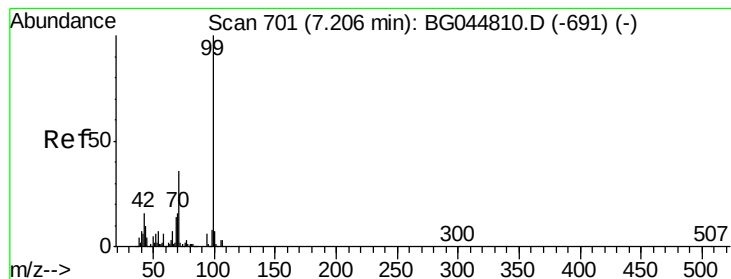


#5

2-Fluorophenol
Concen: 50.448 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044850.D
Acq: 18 Mar 2020 2:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.4	80.2
63	33.6	29.4	44.2





#7

Phenol-d6

Concen: 29.838 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044850.D

Acq: 18 Mar 2020 2:26

Instrument :

BNA_G

ClientSampleId :

MH-719

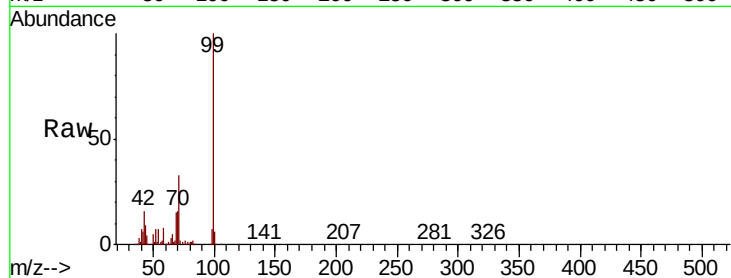
Tot Ion: 99 Resp: 283095

Ion Ratio Lower Upper

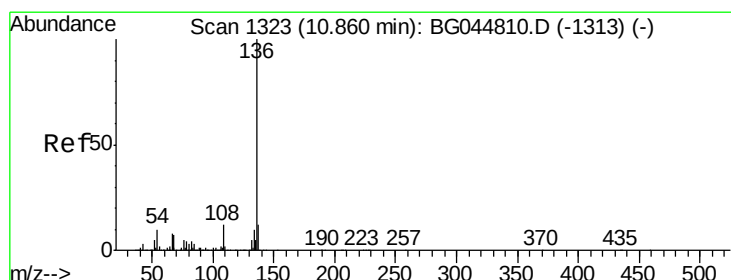
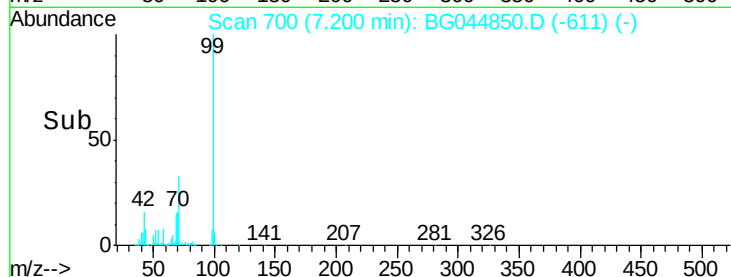
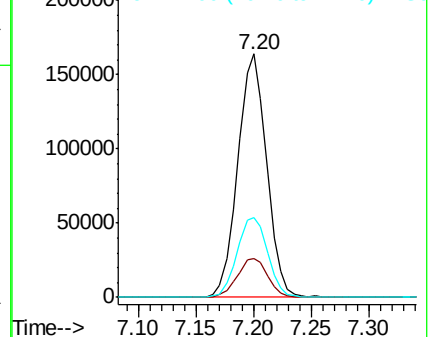
99 100

42 15.8 12.6 19.0

71 32.6 29.0 43.4



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: 10.85 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG044850.D

Acq: 18 Mar 2020 2:26

Tgt Ion: 136 Resp: 401869

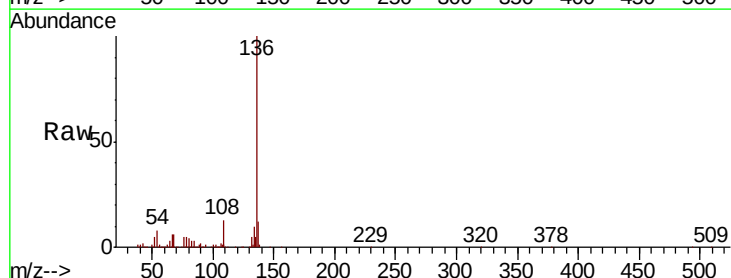
Ion Ratio Lower Upper

136 100

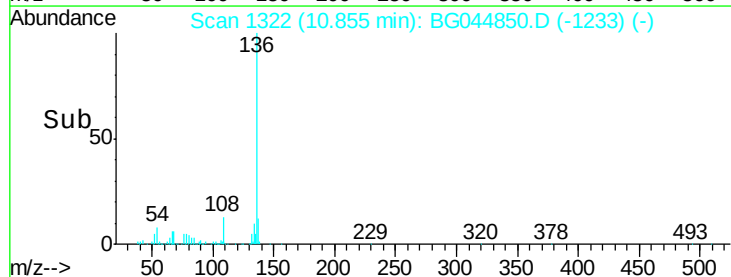
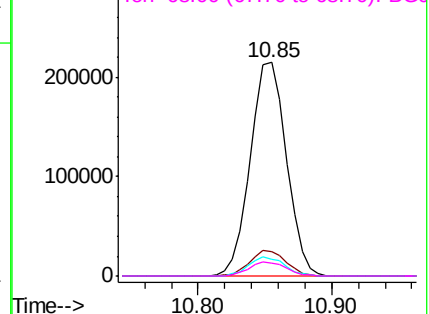
137 11.6 9.8 14.6

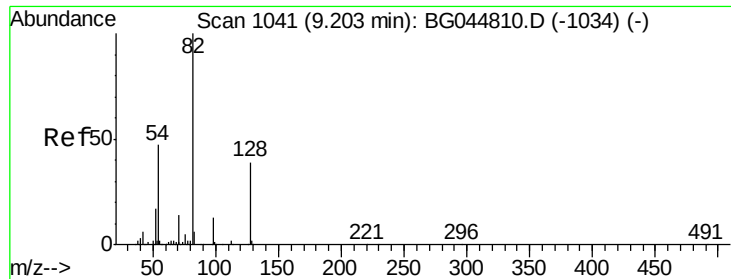
54 7.7 7.9 11.9#

68 6.0 5.4 8.0



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

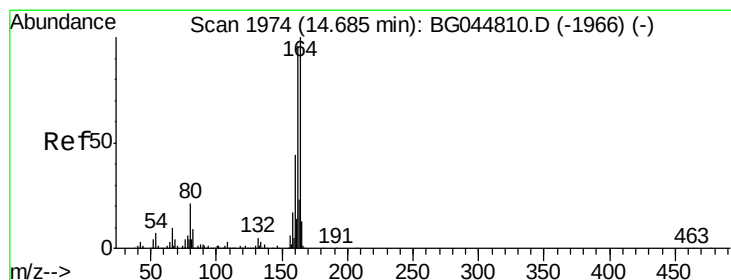
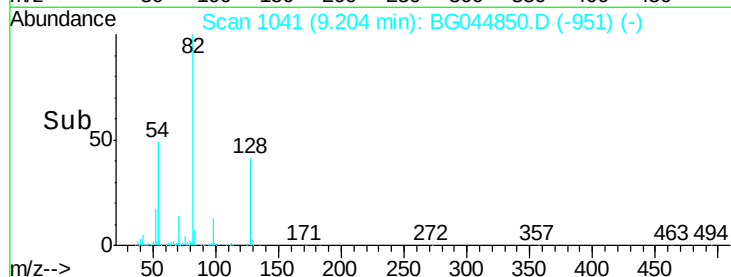
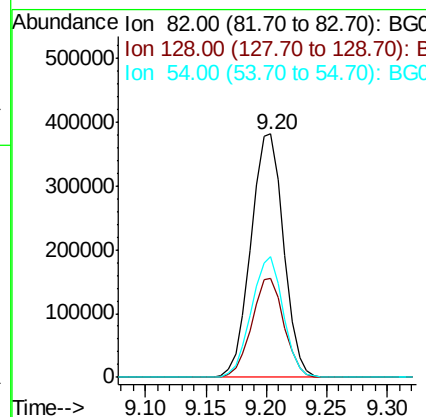
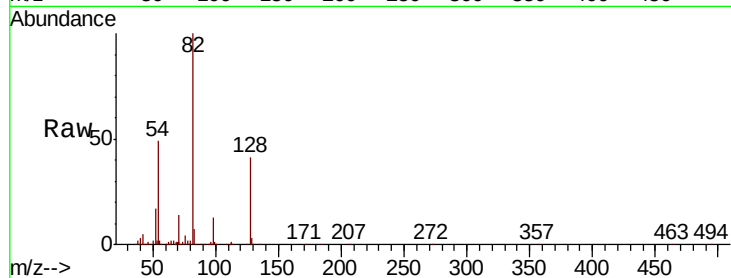




#23
 Nitrobenzene-d5
 Concen: 78.844 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044850.D
 Acq: 18 Mar 2020 2:26

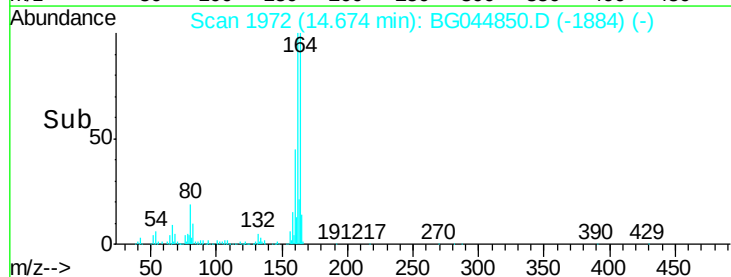
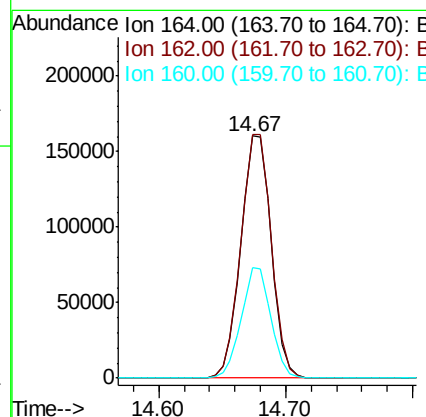
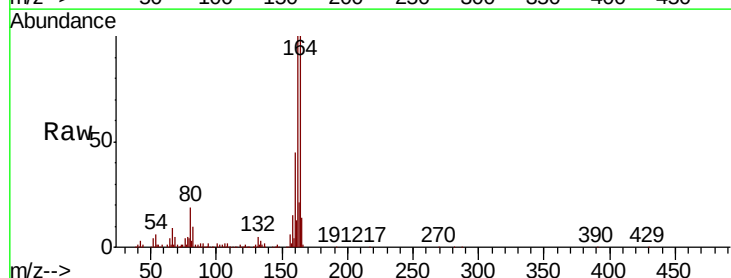
Instrument :
 BNA_G
 ClientSampleId :
 MH-719

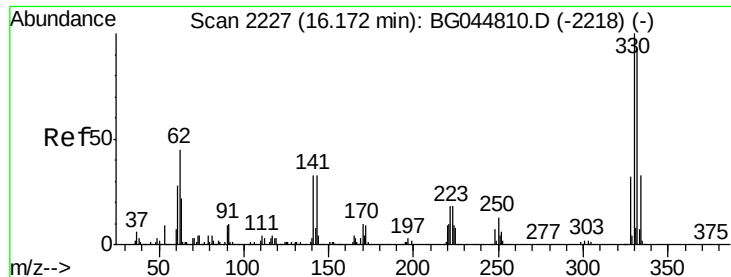
Tot Ion	82	Resp	722055
Ion Ratio	Lower	Upper	
82	100		
128	40.7	30.6	46.0
54	49.4	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044850.D
 Acq: 18 Mar 2020 2:26

Tgt Ion	164	Resp	265090
Ion Ratio	Lower	Upper	
164	100		
162	100.4	76.7	115.1
160	45.4	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 132.849 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044850.D

Acq: 18 Mar 2020 2:26

Instrument :

BNA_G

ClientSampled :

MH-719

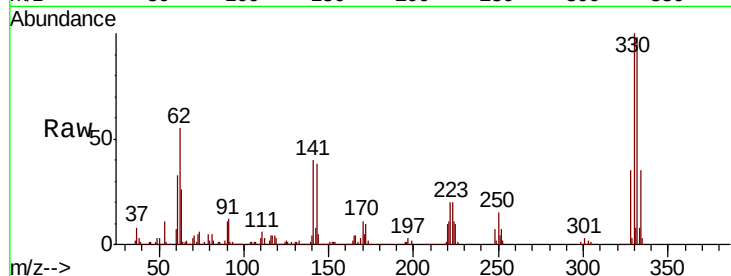
Tot Ion:330 Resp: 461112

Ion Ratio Lower Upper

330 100

332 95.8 77.8 116.6

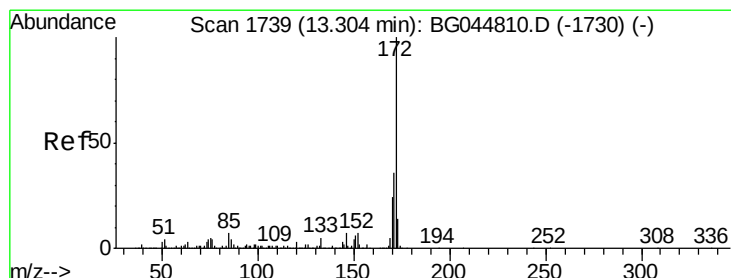
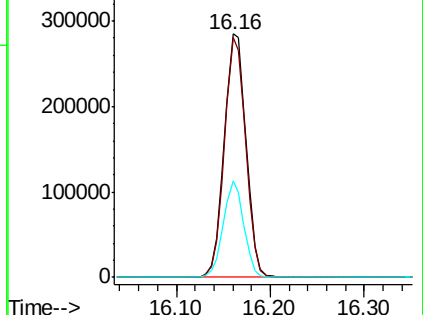
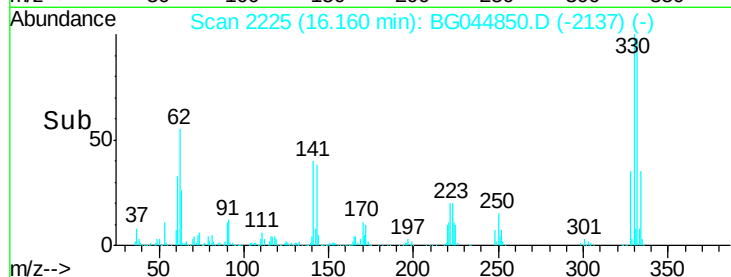
141 37.1 29.5 44.3



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: 80.587 ng

RT: 13.30 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BG044850.D

Acq: 18 Mar 2020 2:26

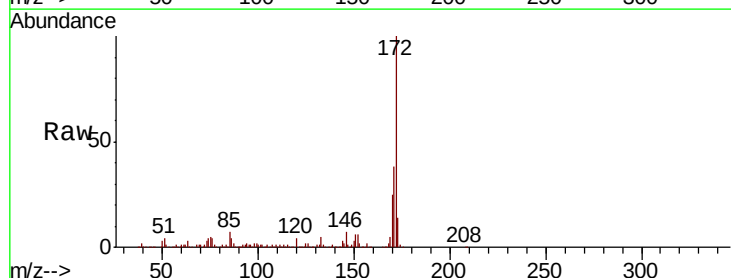
Tgt Ion:172 Resp: 1491775

Ion Ratio Lower Upper

172 100

171 38.1 28.7 43.1

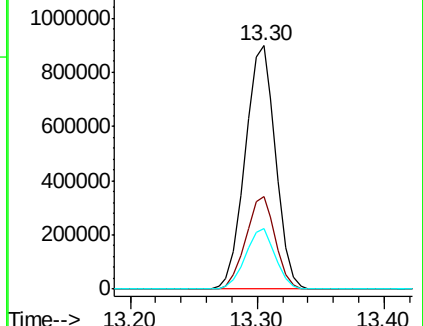
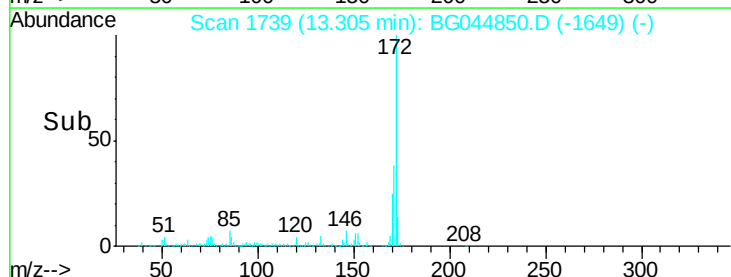
170 24.7 19.0 28.6

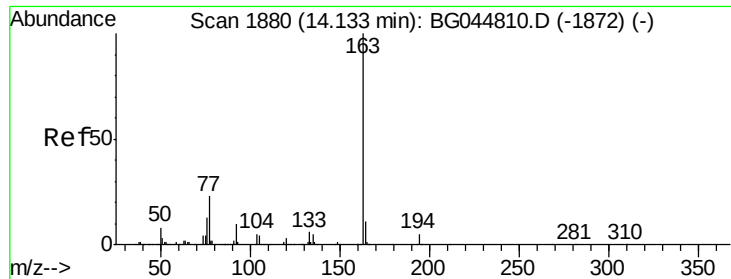


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.644 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044850.D

Acq: 18 Mar 2020 2:26

Instrument :

BNA_G

ClientSampleId :

MH-719

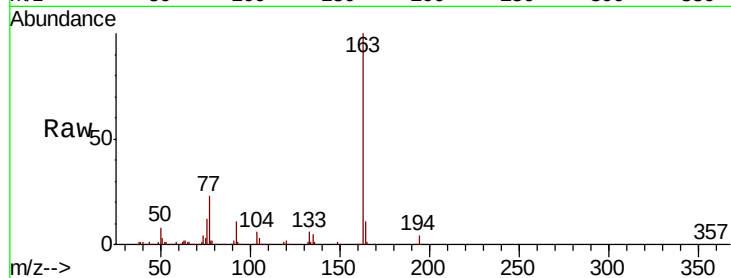
Tot Ion:163 Resp: 203609

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

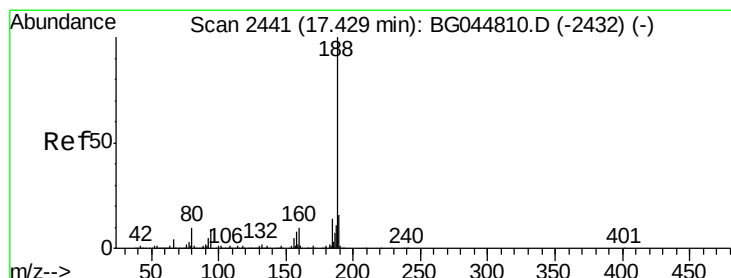
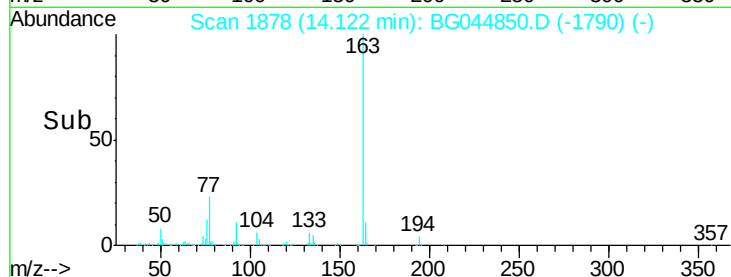
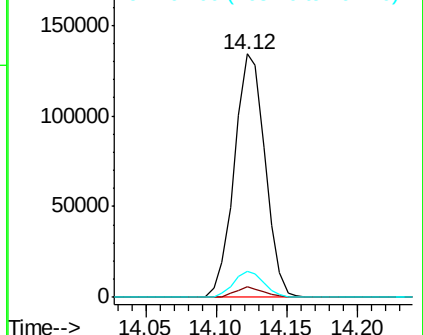
164 10.8 9.1 13.7



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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044850.D

Acq: 18 Mar 2020 2:26

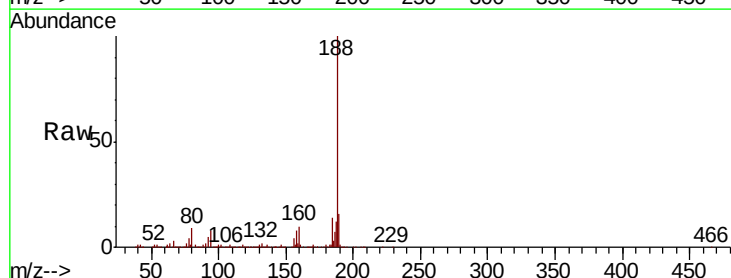
Tgt Ion:188 Resp: 574626

Ion Ratio Lower Upper

188 100

94 8.1 7.3 10.9

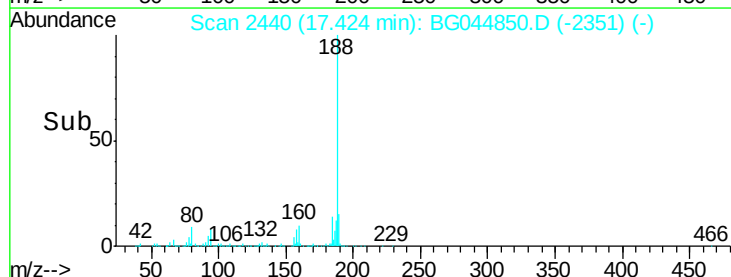
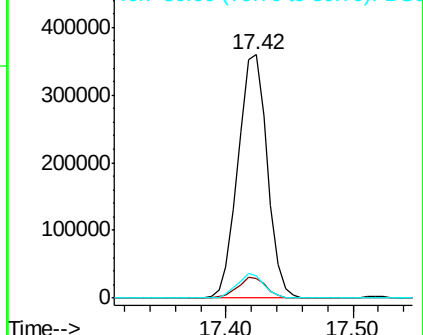
80 9.0 8.0 12.0

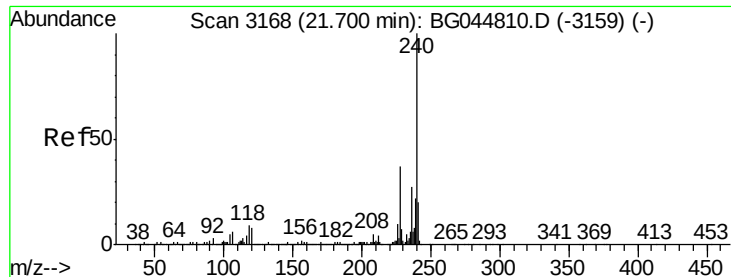


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044850.D

Acq: 18 Mar 2020 2:26

Instrument :

BNA_G

ClientSampleId :

MH-719

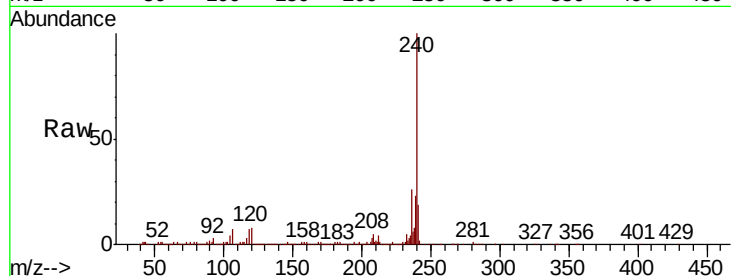
Tot Ion:240 Resp: 496822

Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

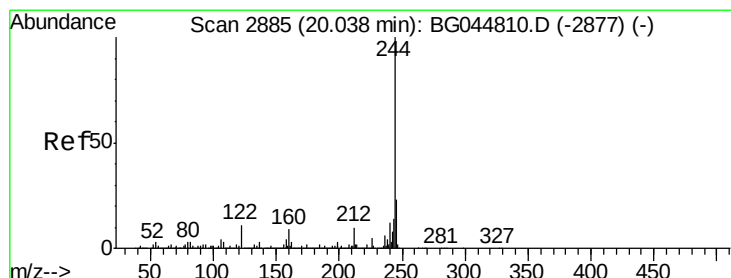
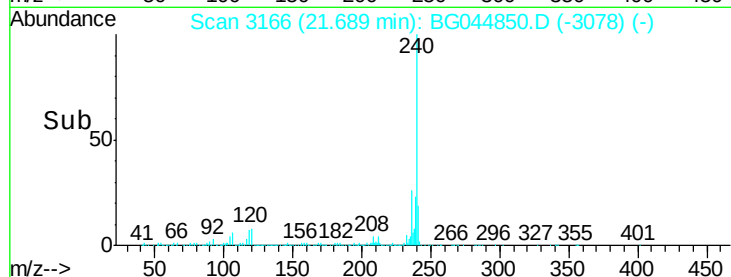
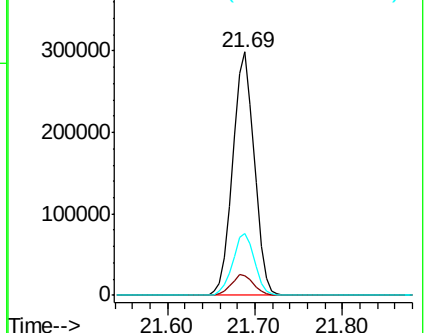
236 25.6 21.5 32.3



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: 80.182 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044850.D

Acq: 18 Mar 2020 2:26

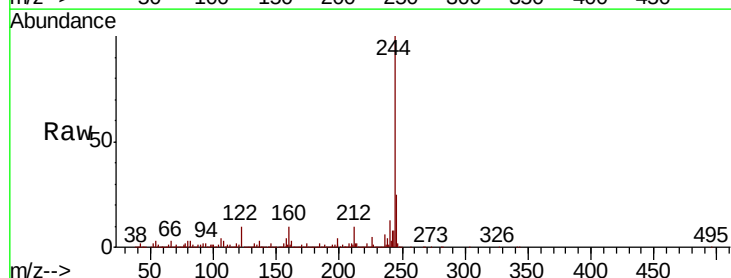
Tgt Ion:244 Resp: 2129663

Ion Ratio Lower Upper

244 100

212 9.8 7.7 11.5

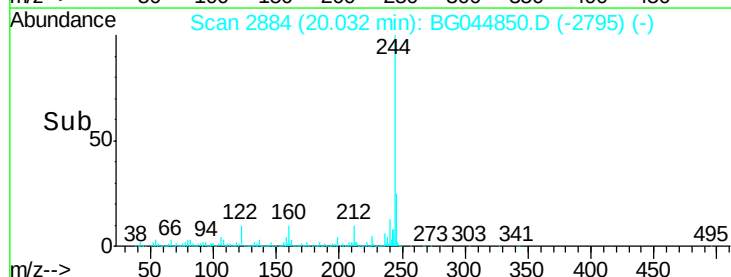
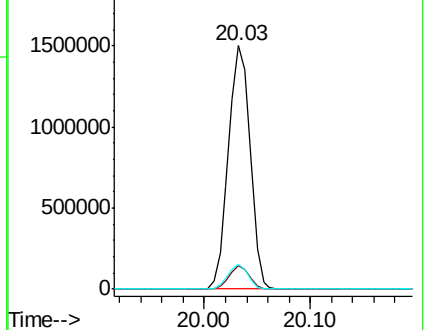
122 10.2 8.6 12.8

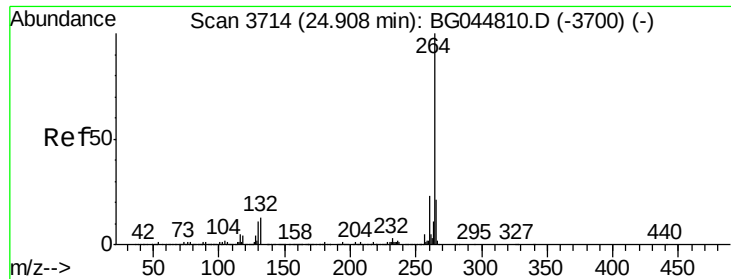


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

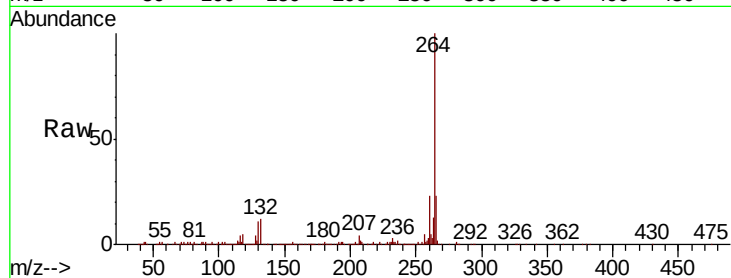




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG044850.D
 Acq: 18 Mar 2020 2:26

Instrument :
 BNA_G
 ClientSampleId :
 MH-719

Tot Ion:	264	Resp:	570305
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	22.9	17.1	25.7



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

