

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044418.D
 Acq On : 12 Feb 2020 21:06
 Operator : CG/JU
 Sample : L1491-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2H-(13.5-15.5)

Quant Time: Feb 13 02:59:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

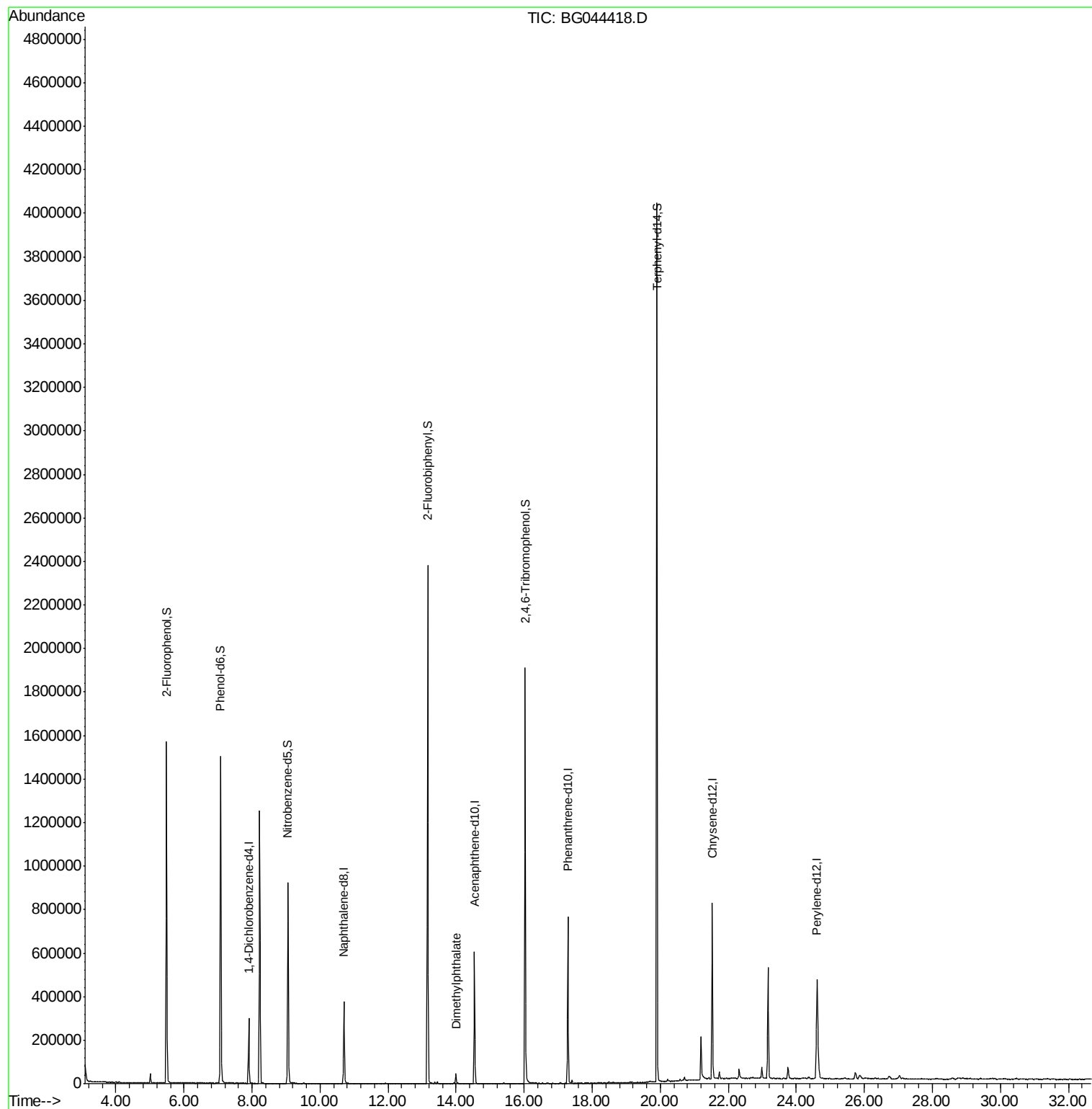
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	91151	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	360032	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	226205	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	494940	20.00	ng	0.00
76) Chrysene-d12	21.53	240	484469	20.00	ng	0.00
87) Perylene-d12	24.62	264	497968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	764659	148.05	ng	0.00
7) Phenol-d6	7.08	99	986660	142.26	ng	0.00
23) Nitrobenzene-d5	9.06	82	612107	95.98	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	384082	144.64	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1304651	96.58	ng	0.00
79) Terphenyl-d14	19.90	244	1882788	79.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.99	163	37897	2.331	ng	Qvalue 97

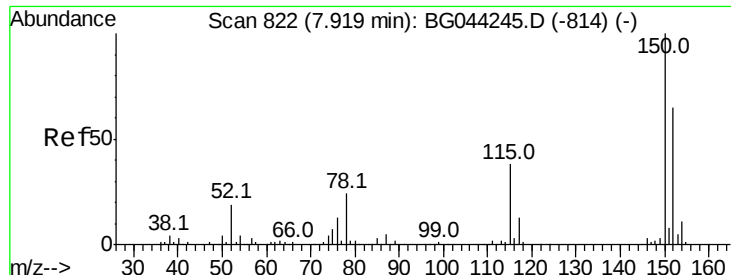
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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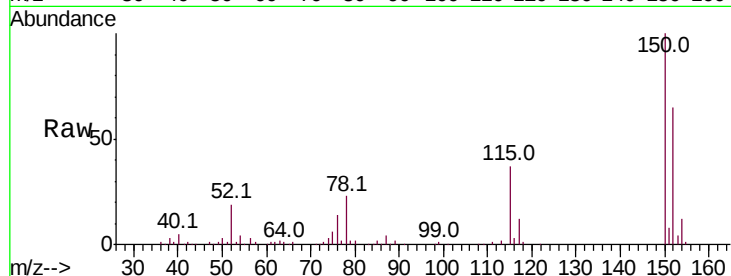


#1

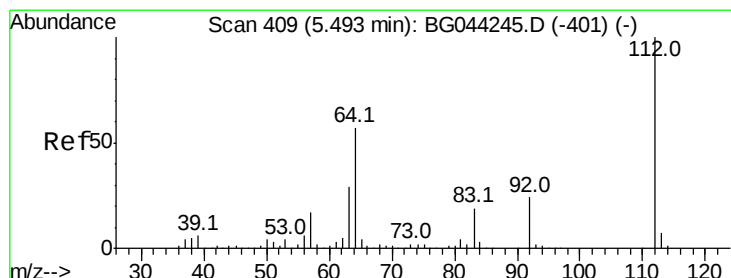
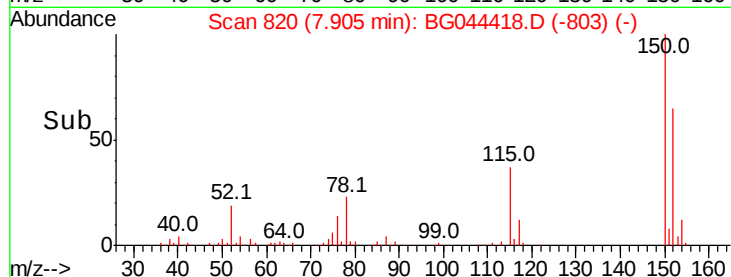
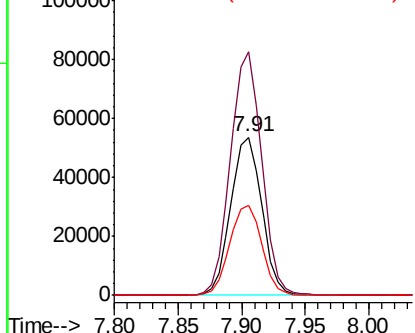
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044418.D
 Acq: 12 Feb 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-2H-(13.5-15.5)

Tot Ion:152 Resp: 91151
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.6 183.8
 115 57.1 46.0 69.0



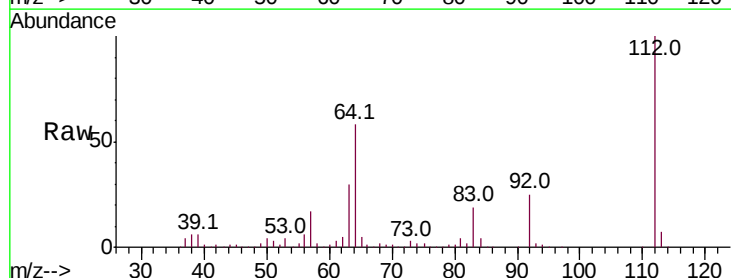
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



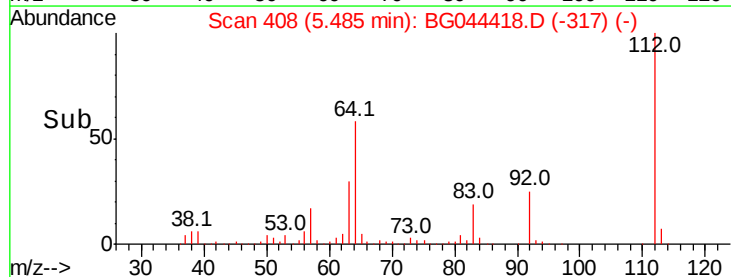
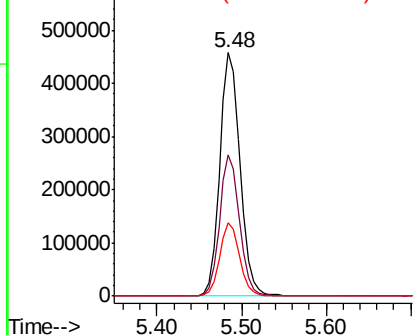
#5

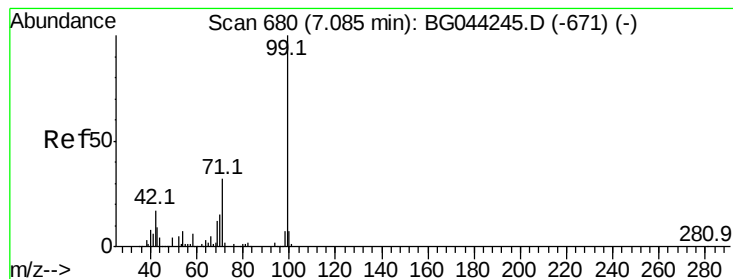
2-Fluorophenol
 Concen: 148.051 ng
 RT: 5.48 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BG044418.D
 Acq: 12 Feb 2020 21:06

Tgt Ion:112 Resp: 764659
 Ion Ratio Lower Upper
 112 100
 64 58.1 45.4 68.2
 63 30.0 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 142.261 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG044418.D

Acq: 12 Feb 2020 21:06

Instrument :

BNA_G

ClientSampleId :

SB-2H-(13.5-15.5)

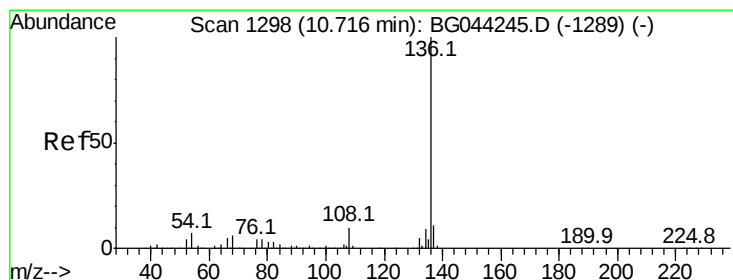
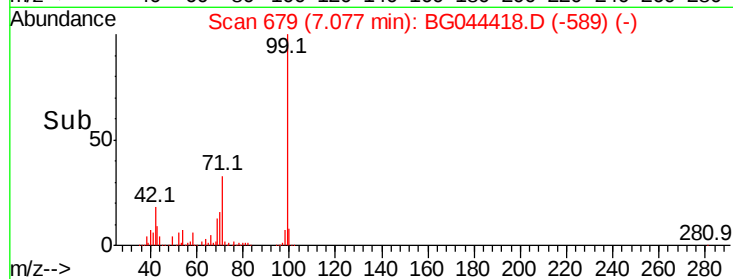
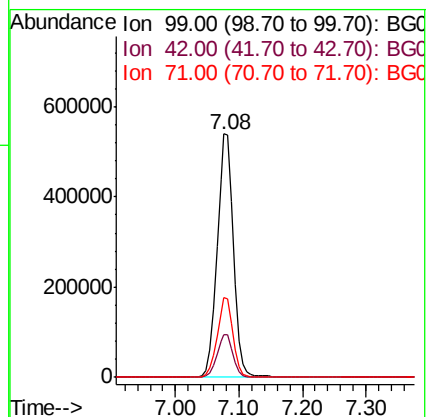
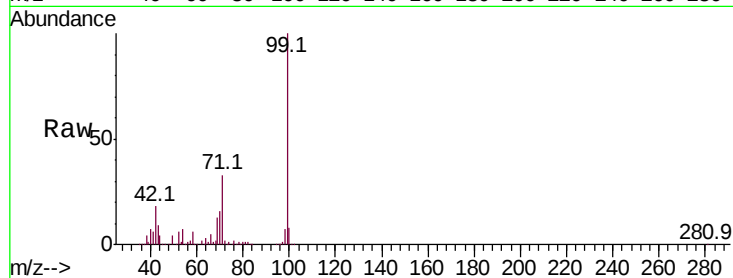
Tot Ion: 99 Resp: 986660

Ion Ratio Lower Upper

99 100

42 17.8 13.8 20.6

71 32.7 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG044418.D

Acq: 12 Feb 2020 21:06

Tgt Ion: 136 Resp: 360032

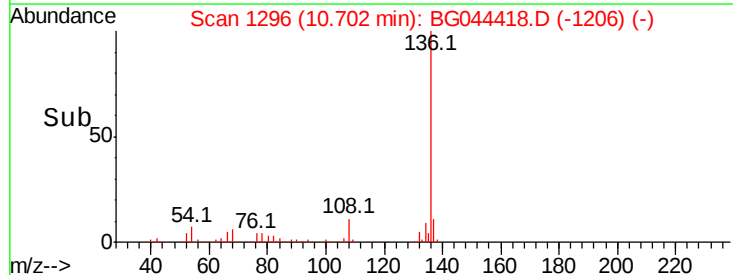
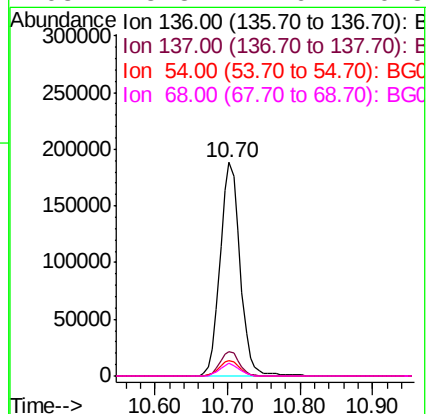
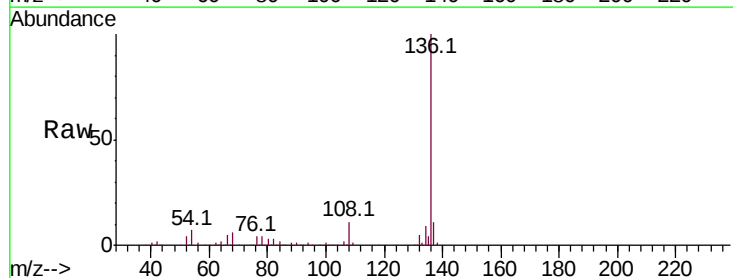
Ion Ratio Lower Upper

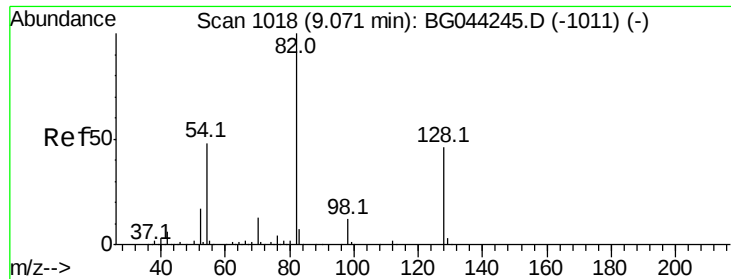
136 100

137 11.2 8.8 13.2

54 7.3 5.8 8.8

68 5.8 4.6 6.8

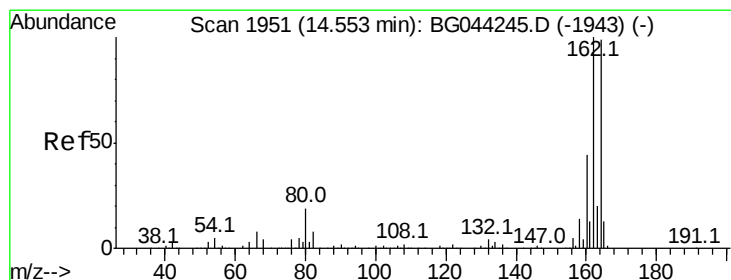
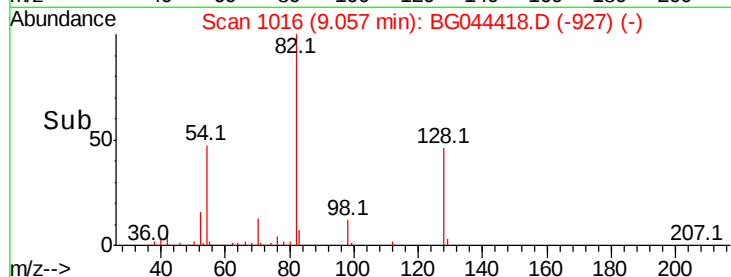
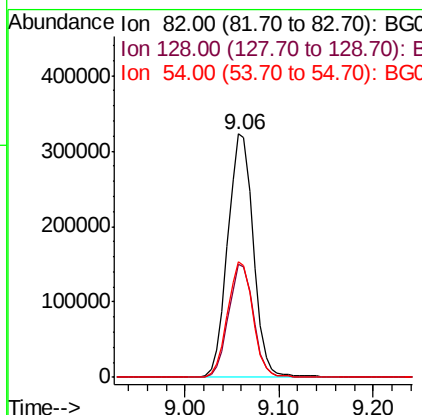
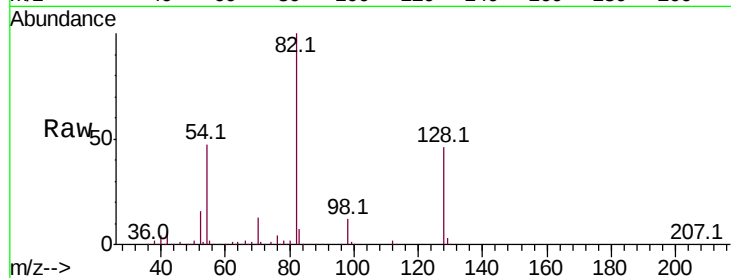




#23
Nitrobenzene-d5
Concen: 95.984 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044418.D
Acq: 12 Feb 2020 21:06

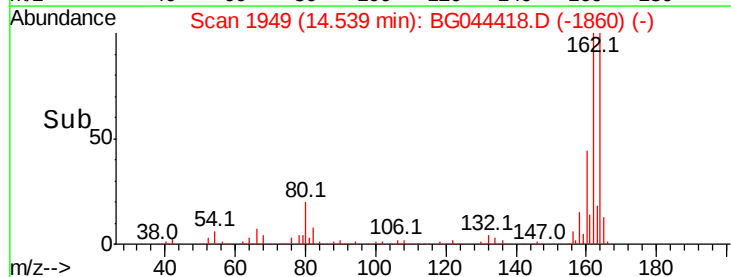
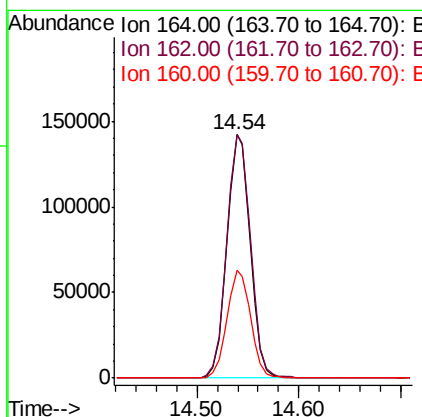
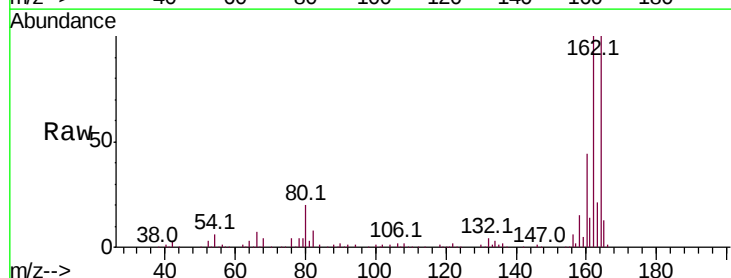
Instrument :
BNA_G
ClientSampleId :
SB-2H-(13.5-15.5)

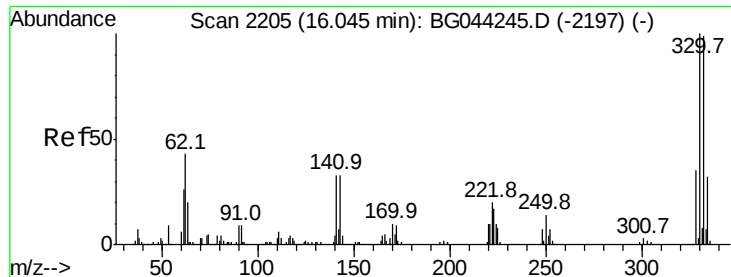
Tot Ion	82	Resp	612107
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.5	54.7
54	47.5	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044418.D
Acq: 12 Feb 2020 21:06

Tgt Ion	164	Resp	226205
Ion Ratio	Lower	Upper	
164	100		
162	100.2	80.7	121.1
160	44.2	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 144.635 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG044418.D

Acq: 12 Feb 2020 21:06

Instrument :

BNA_G

ClientSampleId :

SB-2H-(13.5-15.5)

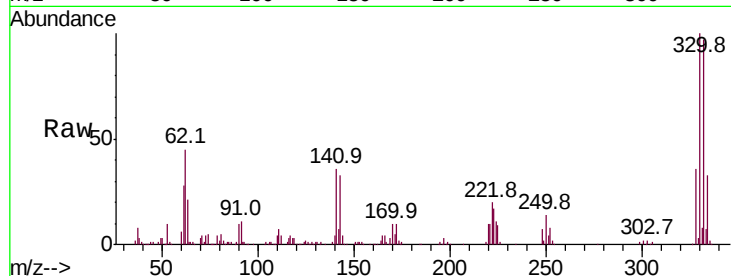
Tot Ion:330 Resp: 384082

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

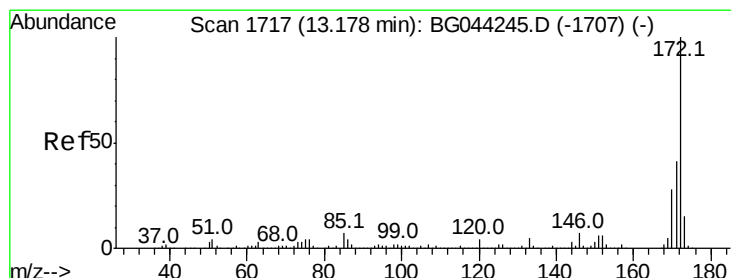
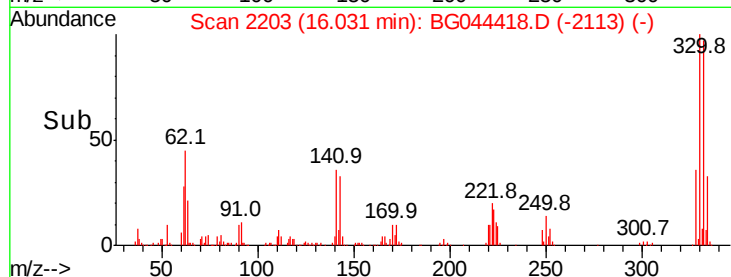
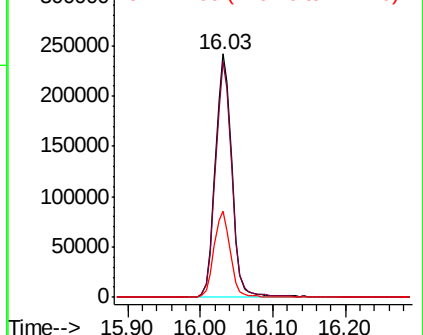
141 35.0 28.3 42.5



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: 96.581 ng

RT: 13.16 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG044418.D

Acq: 12 Feb 2020 21:06

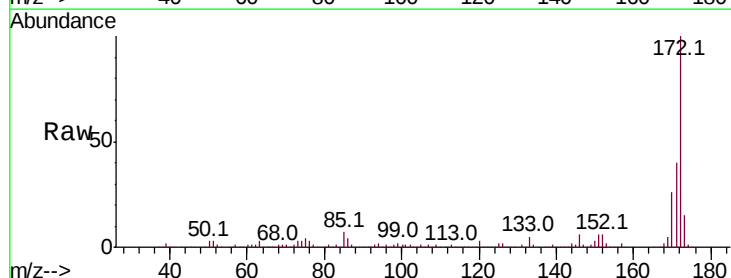
Tgt Ion:172 Resp: 1304651

Ion Ratio Lower Upper

172 100

171 39.5 32.9 49.3

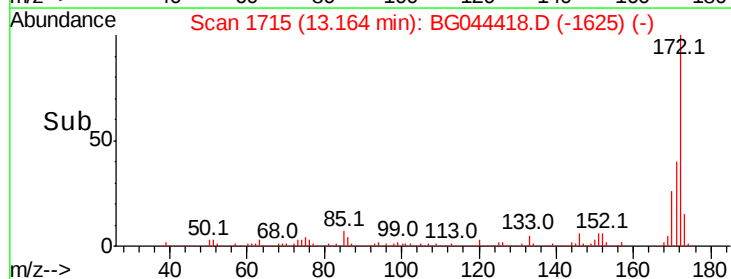
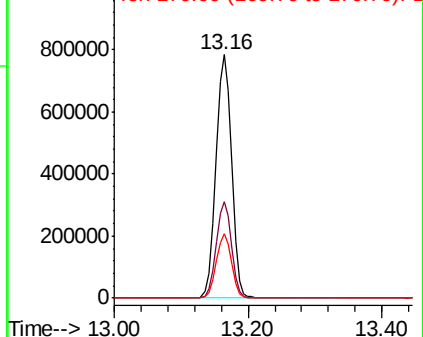
170 26.3 22.0 33.0

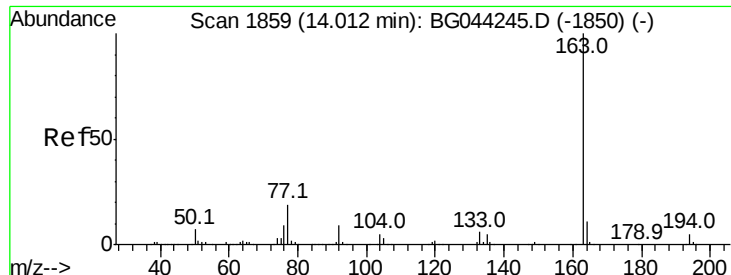


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.331 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044418.D

Acq: 12 Feb 2020 21:06

Instrument :

BNA_G

ClientSampleId :

SB-2H-(13.5-15.5)

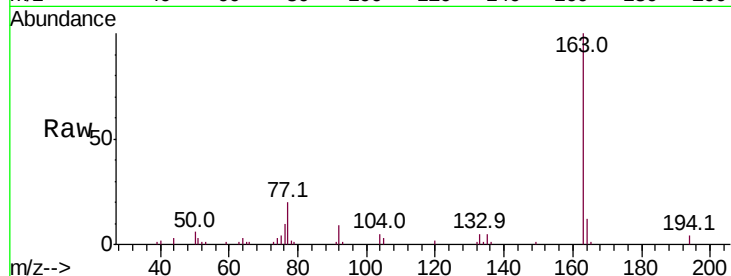
Tot Ion:163 Resp: 37897

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

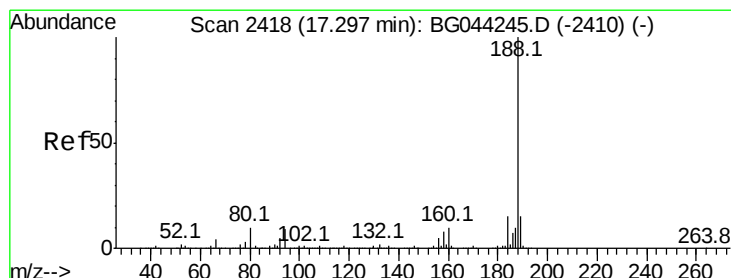
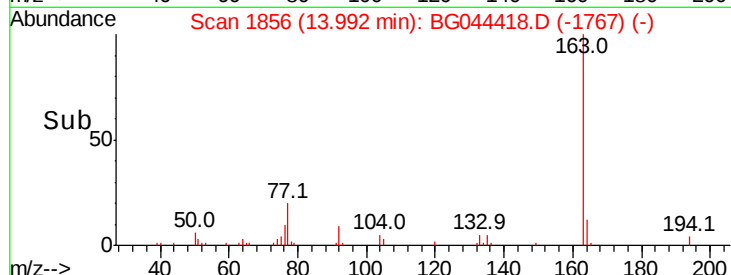
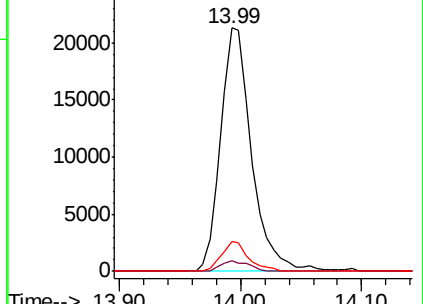
164 12.3 8.7 13.1



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: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044418.D

Acq: 12 Feb 2020 21:06

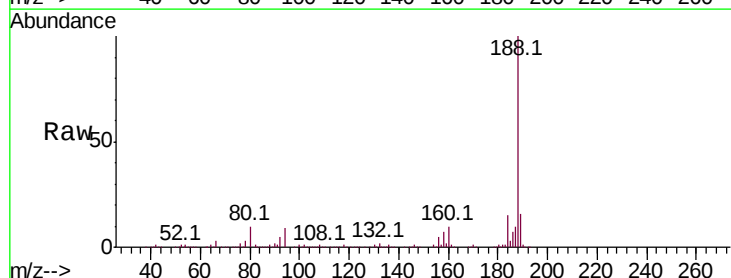
Tgt Ion:188 Resp: 494940

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

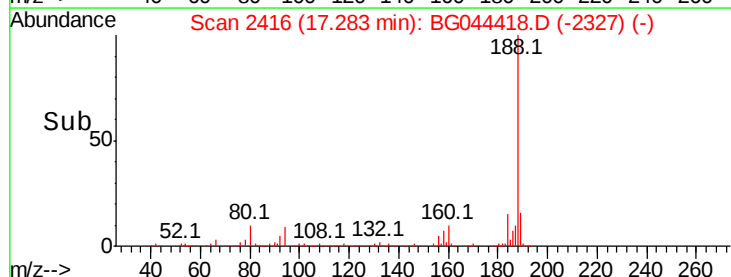
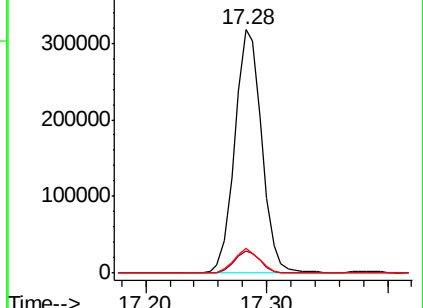
80 10.2 7.7 11.5

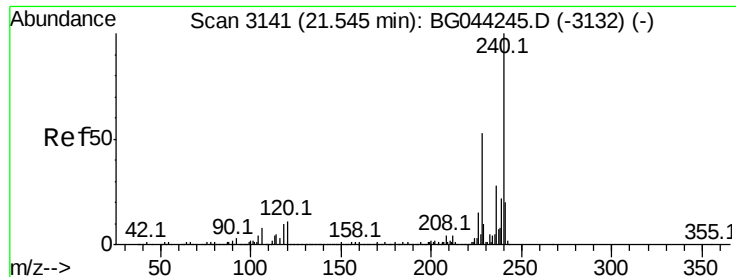


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG044418.D

Acq: 12 Feb 2020 21:06

Instrument :

BNA_G

ClientSampleId :

SB-2H-(13.5-15.5)

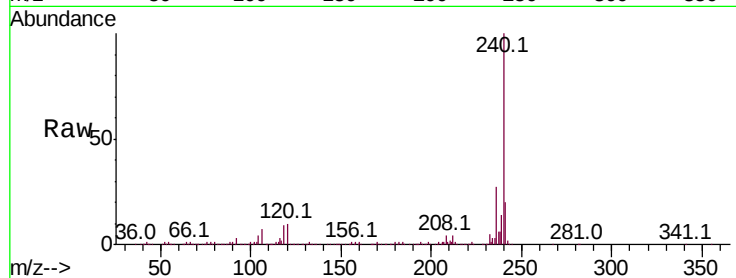
Tot Ion:240 Resp: 484469

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

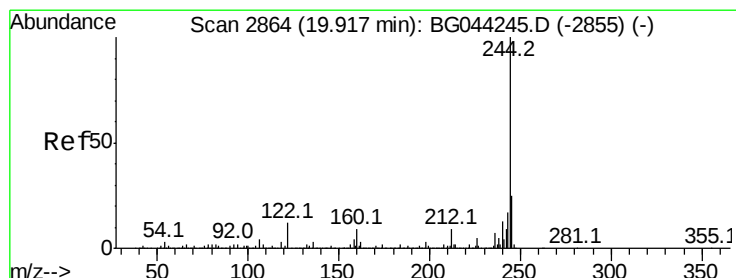
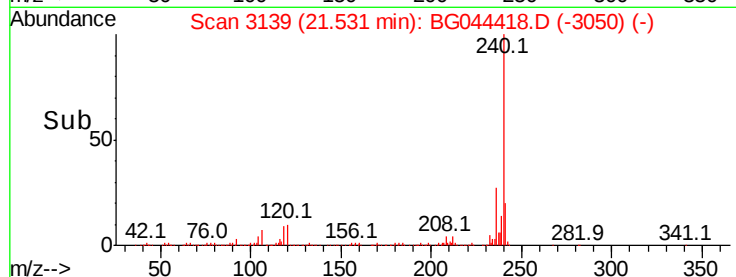
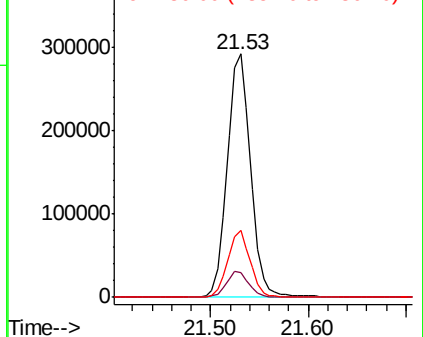
236 27.4 22.1 33.1



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: 79.936 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG044418.D

Acq: 12 Feb 2020 21:06

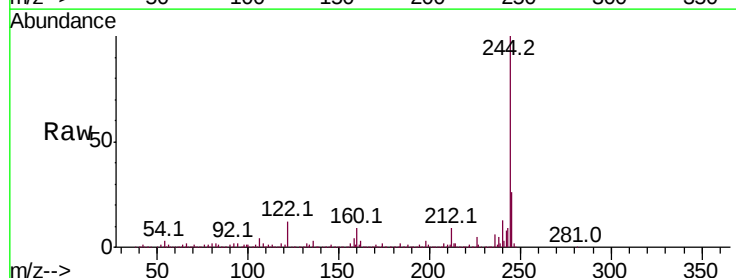
Tgt Ion:244 Resp: 1882788

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.2

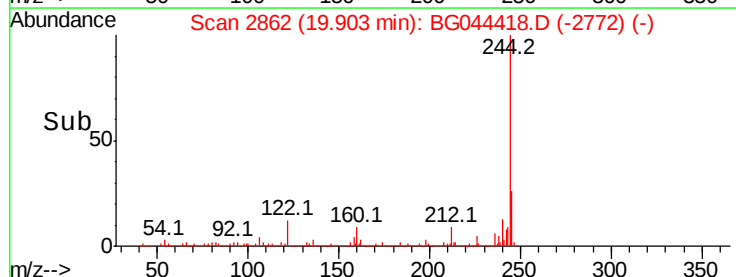
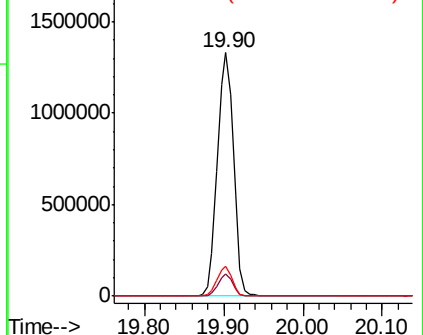
122 12.1 9.8 14.6

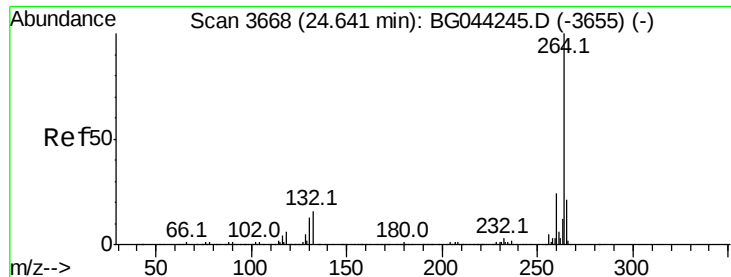


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3664
 Delta R.T. -0.01 min
 Lab File: BG044418.D
 Acq: 12 Feb 2020 21:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-2H-(13.5-15.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.6	16.7	25.1

