

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044443.D
 Acq On : 14 Feb 2020 17:59
 Operator : CG/JU
 Sample : L1525-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1A-(7.5-9.5)

Quant Time: Feb 15 06:20:37 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

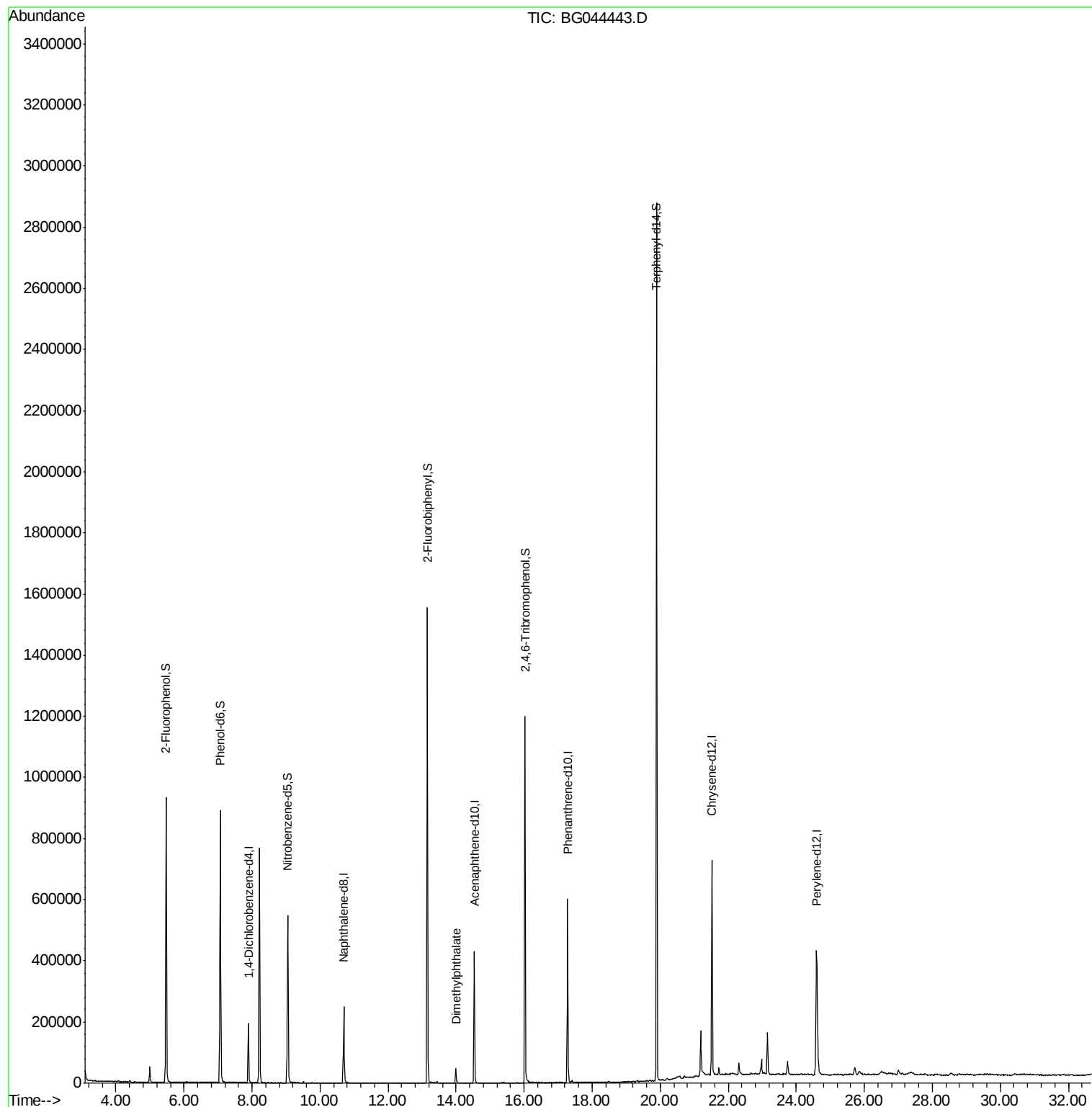
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	59795	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	243656	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	159379	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	383533	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	410675	20.00	ng	-0.02
87) Perylene-d12	24.60	264	423487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	461751	136.29	ng	0.00
7) Phenol-d6	7.07	99	599236	131.71	ng	0.00
23) Nitrobenzene-d5	9.05	82	361645	83.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	252927	135.18	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	851452	89.46	ng	0.00
79) Terphenyl-d14	19.90	244	1447930	72.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.99	163	41217	3.598	ng	Qvalue 98

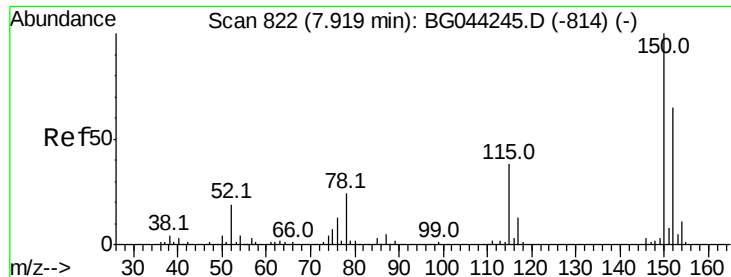
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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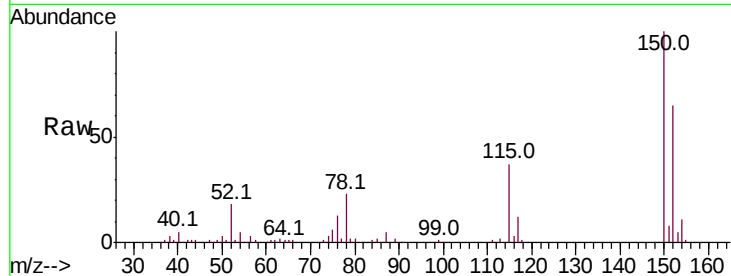


#1

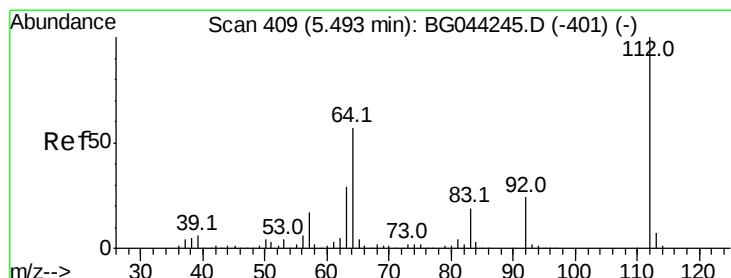
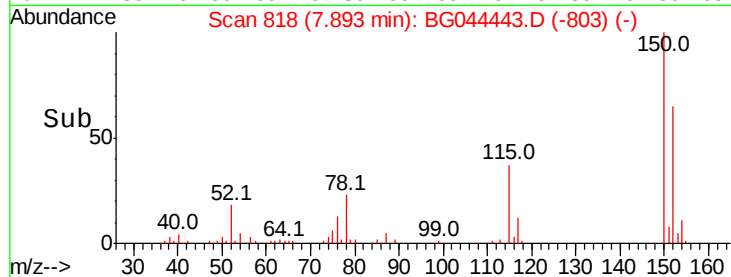
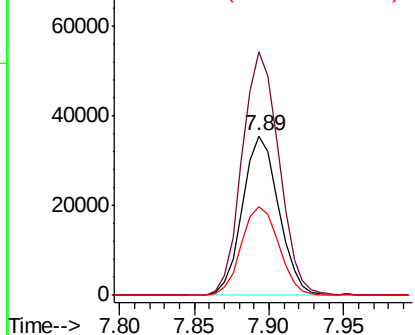
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044443.D
Acq: 14 Feb 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SB-1A-(7.5-9.5)

Tot Ion:152 Resp: 59795
Ion Ratio Lower Upper
152 100
150 152.9 122.6 183.8
115 56.0 46.0 69.0



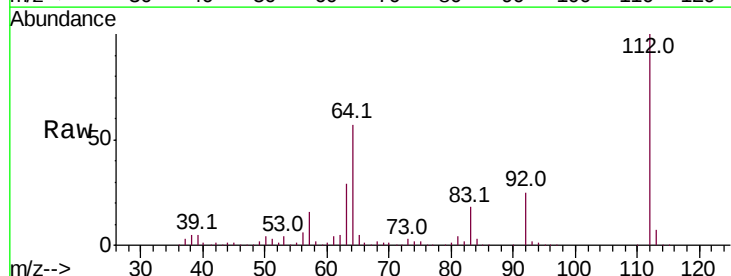
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



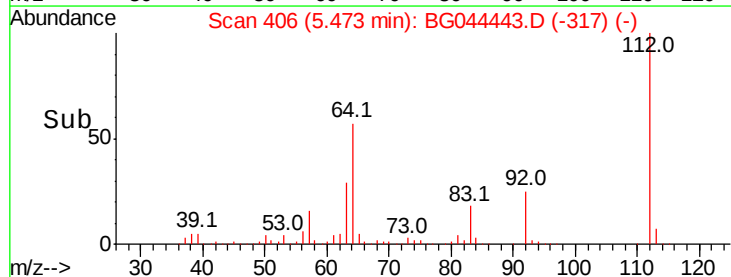
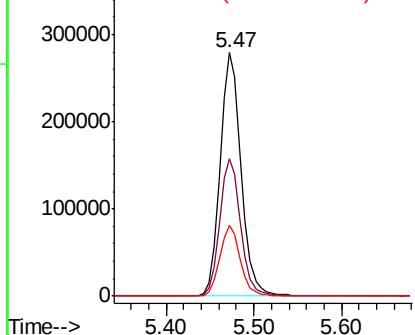
#5

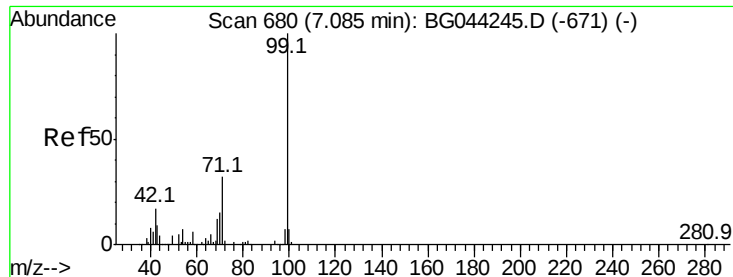
2-Fluorophenol
Concen: 136.285 ng
RT: 5.47 min Scan# 406
Delta R.T. -0.01 min
Lab File: BG044443.D
Acq: 14 Feb 2020 17:59

Tgt Ion:112 Resp: 461751
Ion Ratio Lower Upper
112 100
64 56.6 45.4 68.2
63 29.3 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: 131.708 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044443.D

Acq: 14 Feb 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SB-1A-(7.5-9.5)

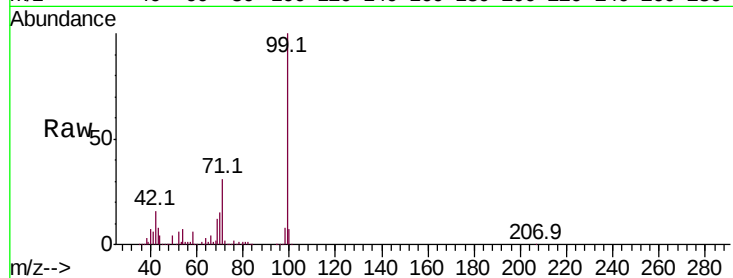
Tot Ion: 99 Resp: 599236

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.6

71 30.6 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

400000

300000

200000

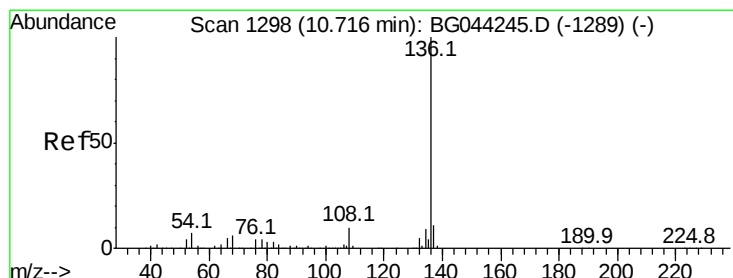
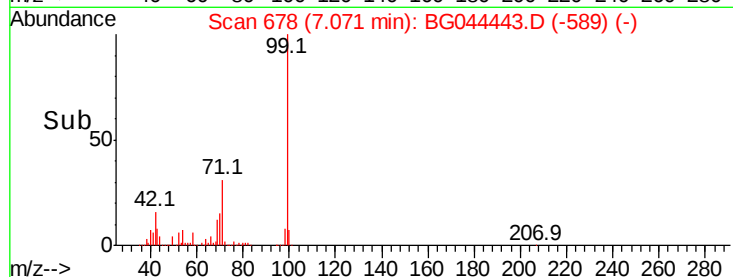
100000

0

7.07

7.00 7.10 7.20

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG044443.D

Acq: 14 Feb 2020 17:59

Tgt Ion: 136 Resp: 243656

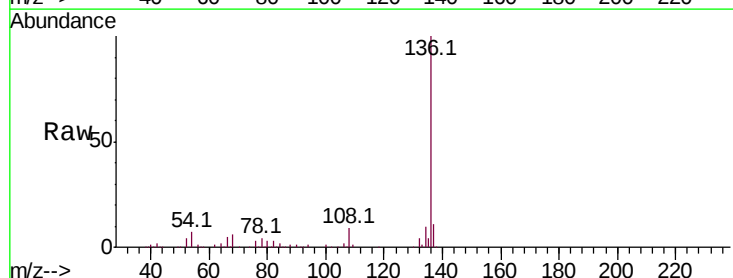
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.5 5.8 8.8

68 5.5 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

200000

150000

100000

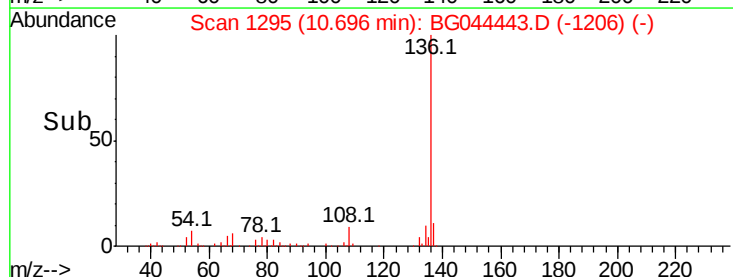
50000

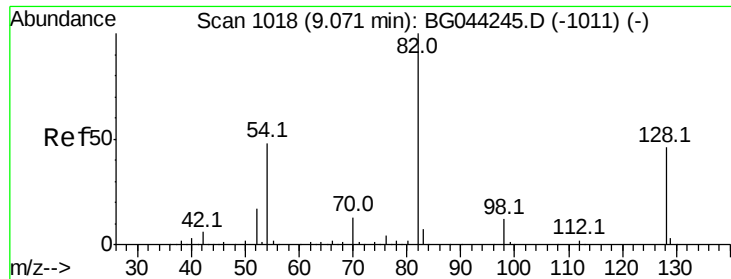
0

10.70

10.60 10.80

Time-->

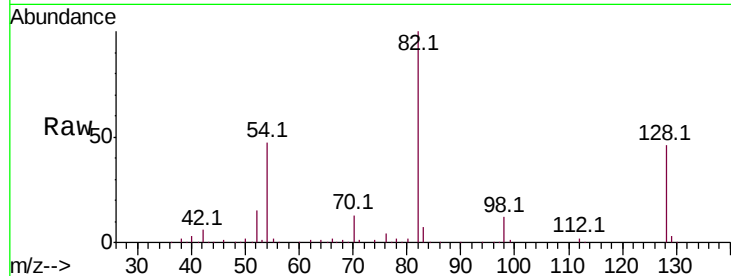




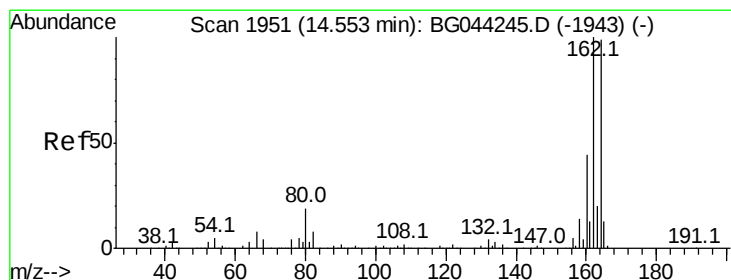
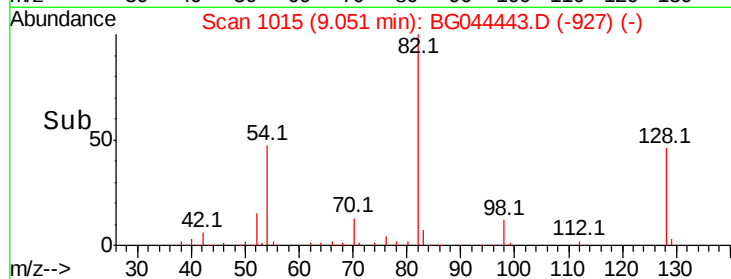
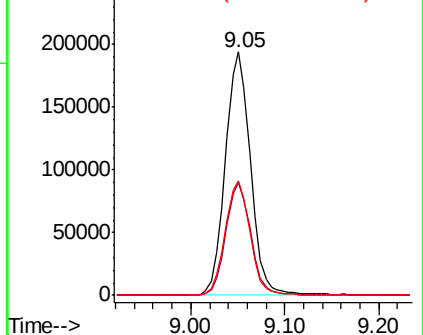
#23
Nitrobenzene-d5
Concen: 83.795 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044443.D
Acq: 14 Feb 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SB-1A-(7.5-9.5)

Tot Ion	82	Resp	361645
Ion Ratio	Lower	Upper	
82	100		
128	46.5	36.5	54.7
54	47.0	38.6	58.0

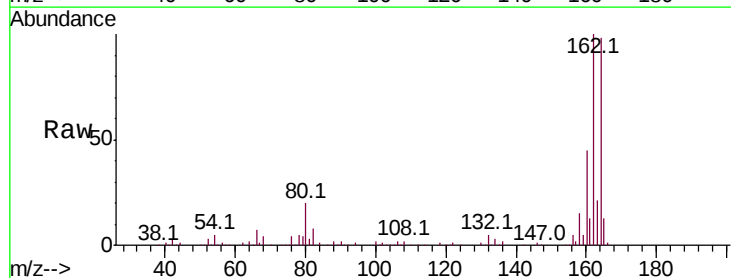


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

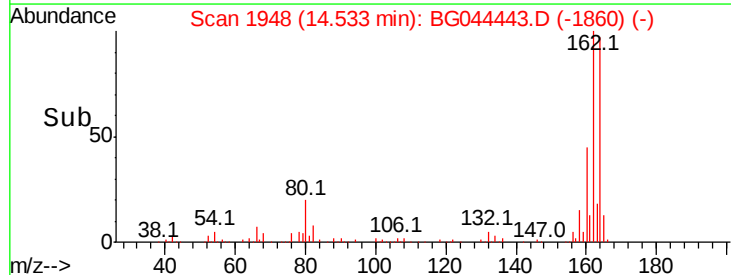
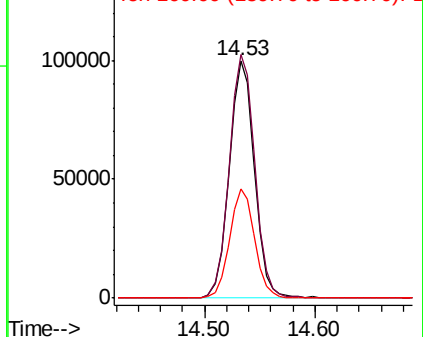


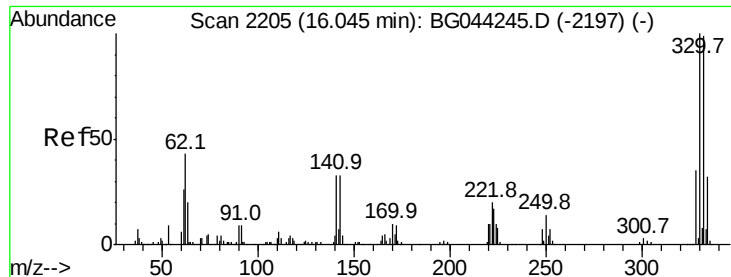
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044443.D
Acq: 14 Feb 2020 17:59

Tgt Ion	164	Resp	159379
Ion Ratio	Lower	Upper	
164	100		
162	102.5	80.7	121.1
160	45.9	35.3	52.9



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: 135.181 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044443.D

Acq: 14 Feb 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SB-1A-(7.5-9.5)

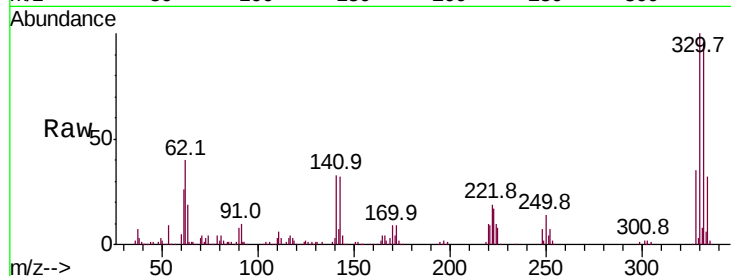
Tot Ion:330 Resp: 252927

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

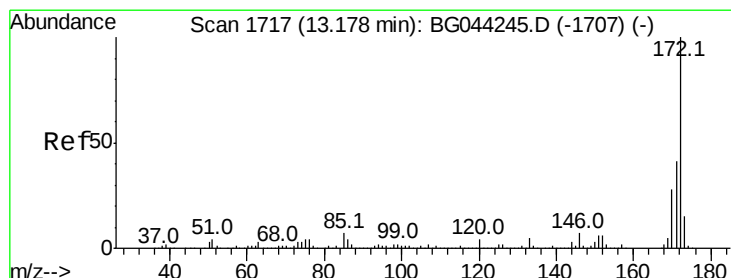
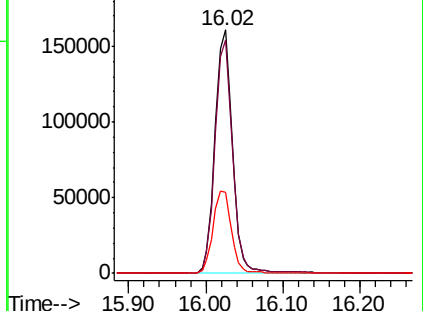
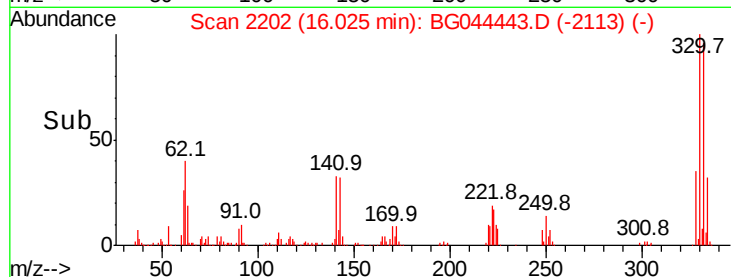
141 35.1 28.3 42.5



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: 89.460 ng

RT: 13.16 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG044443.D

Acq: 14 Feb 2020 17:59

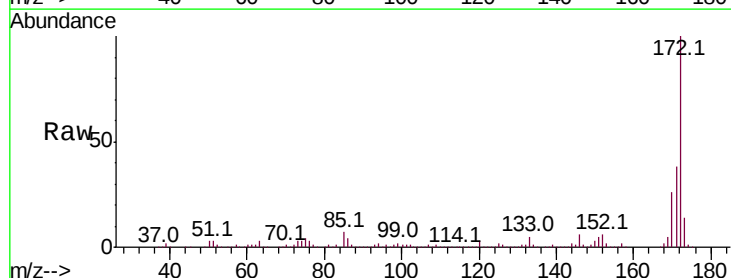
Tgt Ion:172 Resp: 851452

Ion Ratio Lower Upper

172 100

171 38.1 32.9 49.3

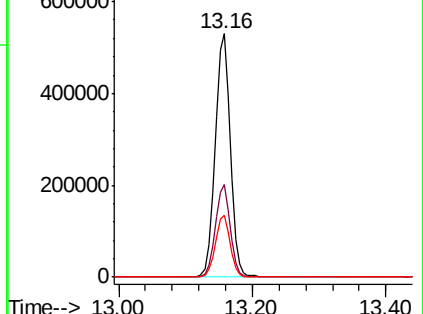
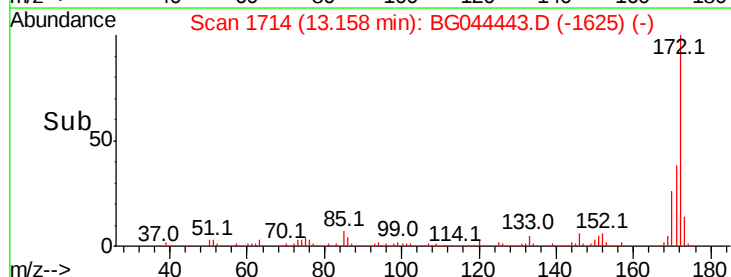
170 25.6 22.0 33.0

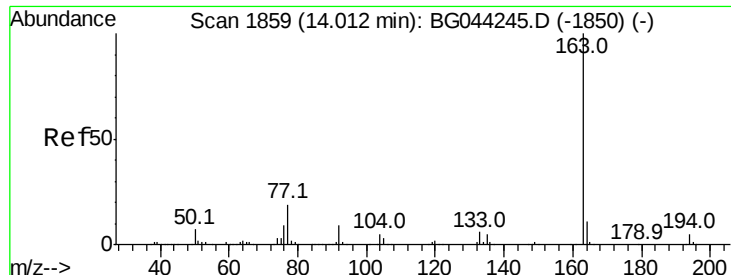


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.598 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044443.D

Acq: 14 Feb 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SB-1A-(7.5-9.5)

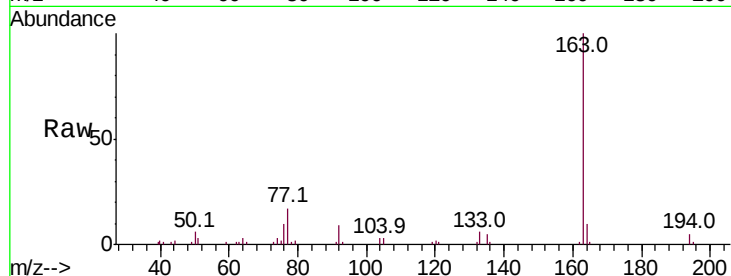
Tot Ion:163 Resp: 41217

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

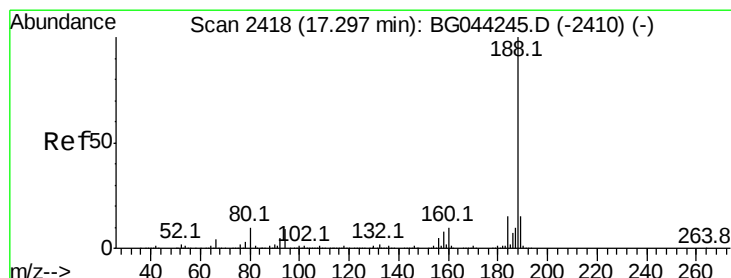
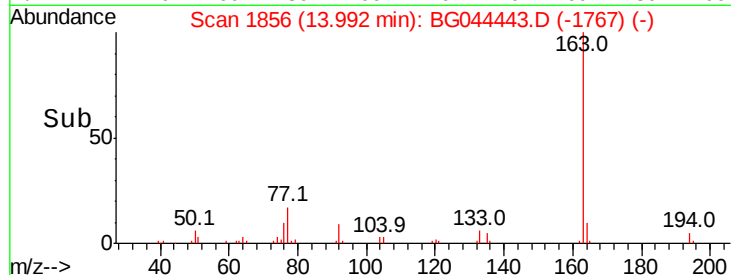
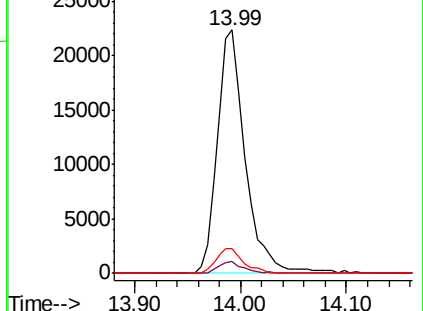
164 10.2 8.7 13.1



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# 2415

Delta R.T. -0.01 min

Lab File: BG044443.D

Acq: 14 Feb 2020 17:59

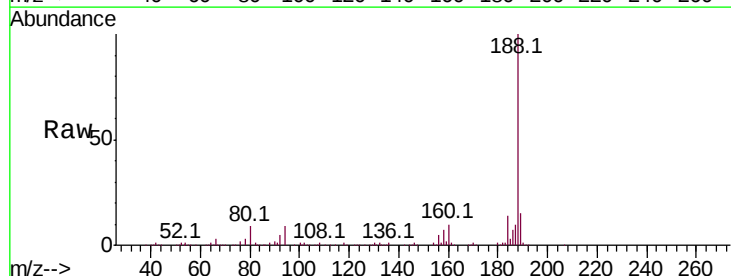
Tgt Ion:188 Resp: 383533

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

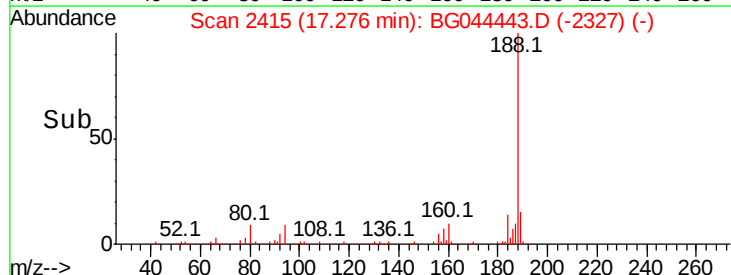
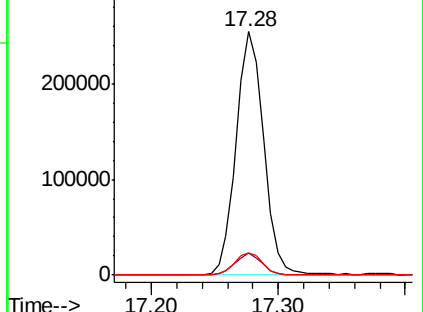
80 9.1 7.7 11.5

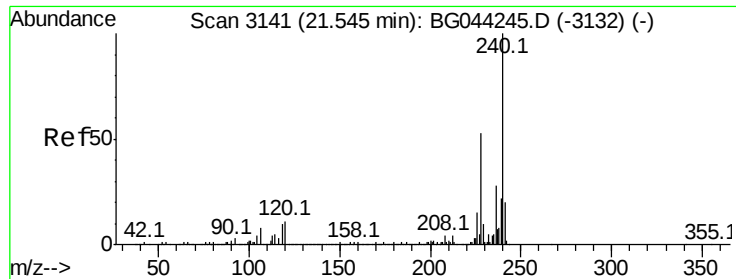


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044443.D

Acq: 14 Feb 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SB-1A-(7.5-9.5)

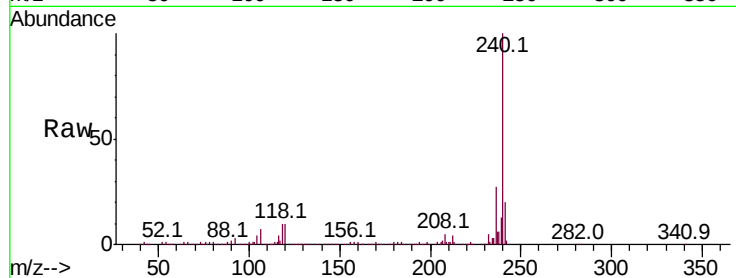
Tot Ion:240 Resp: 410675

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

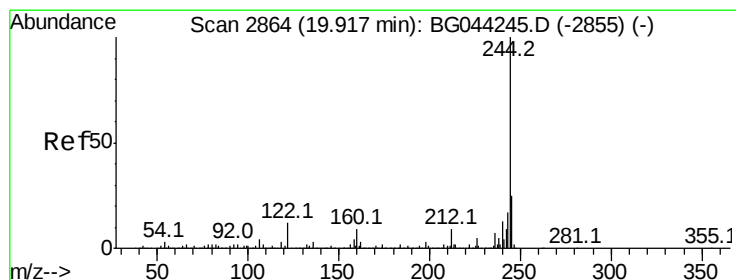
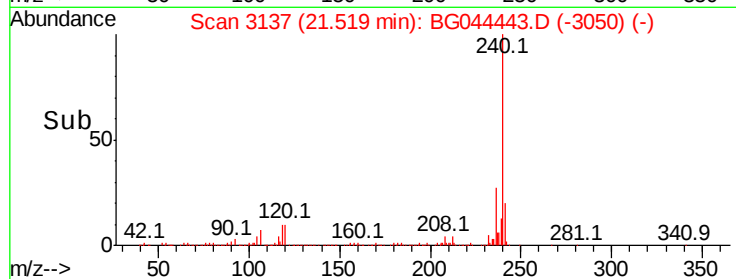
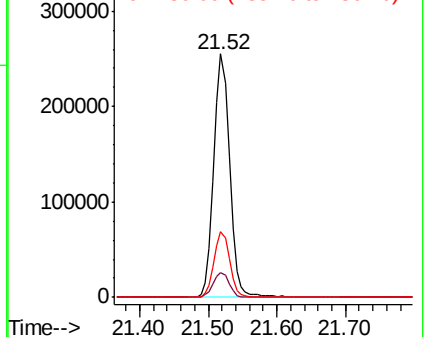
236 26.9 22.1 33.1



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: 72.520 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044443.D

Acq: 14 Feb 2020 17:59

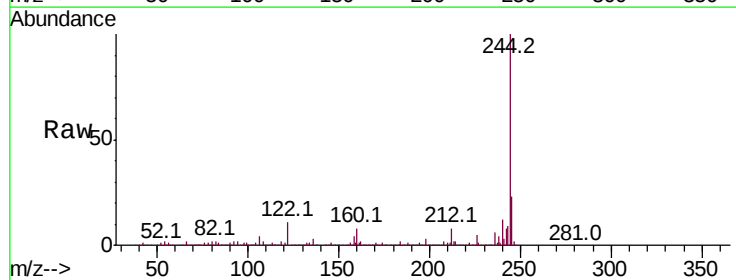
Tgt Ion:244 Resp: 1447930

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.2

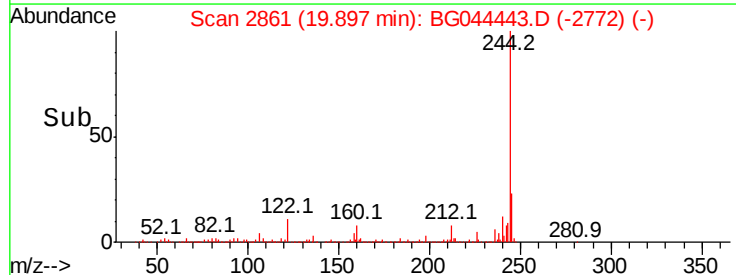
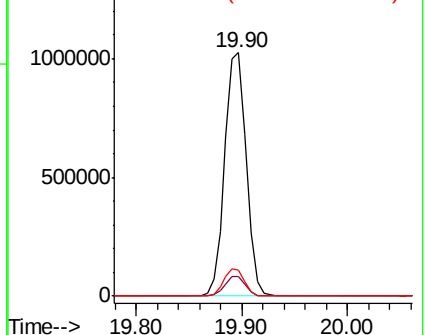
122 10.5 9.8 14.6

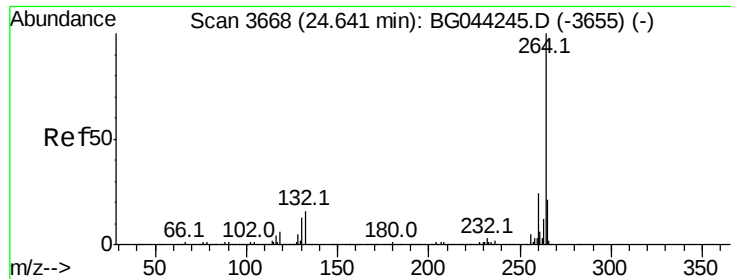


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044443.D
Acq: 14 Feb 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SB-1A-(7.5-9.5)

Tot Ion:	264	Resp:	423487
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.5	16.7	25.1

