

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044444.D
 Acq On : 14 Feb 2020 18:38
 Operator : CG/JU
 Sample : L1525-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)

Quant Time: Feb 15 06:22:37 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

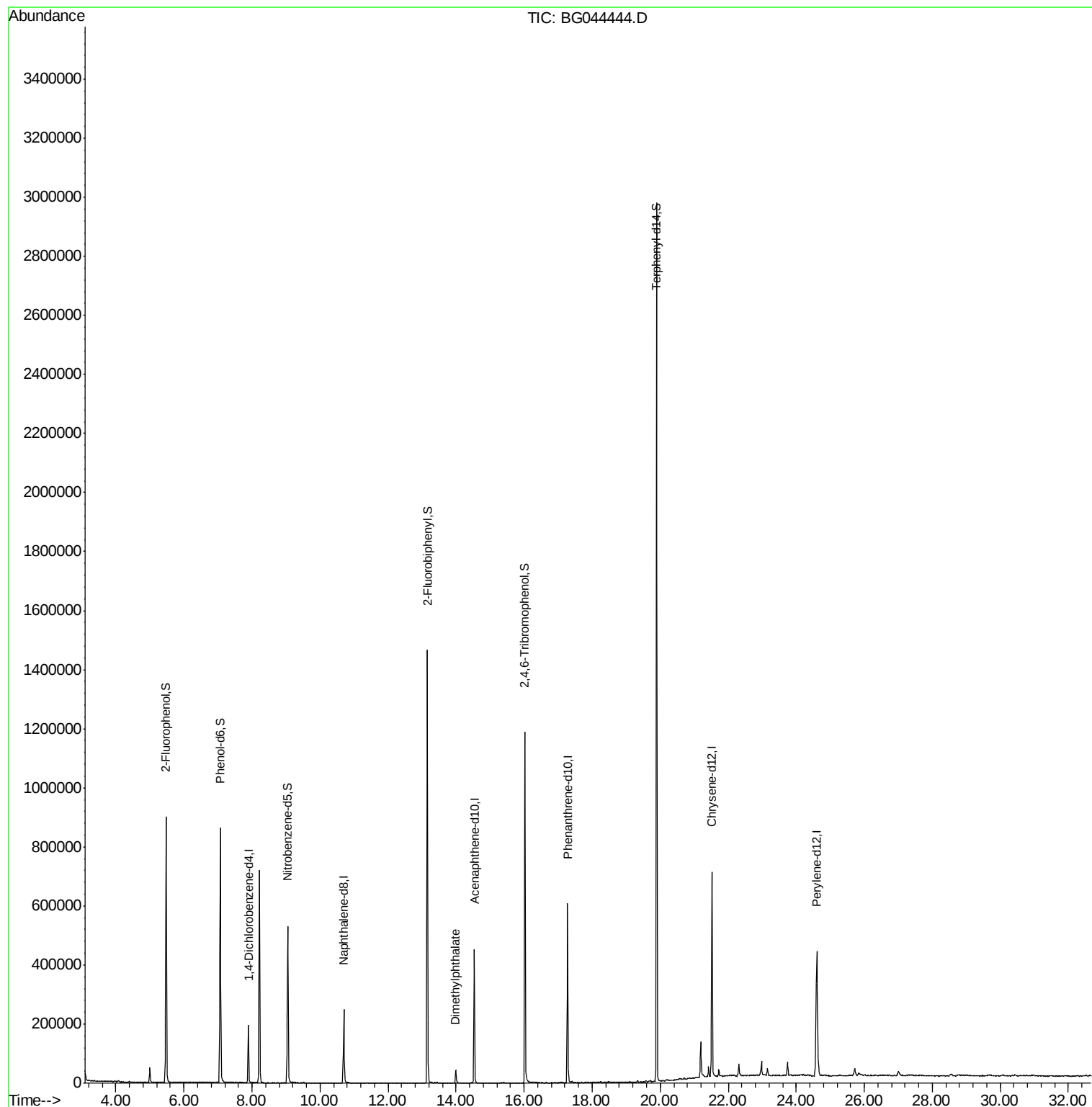
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	58996	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	243046	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	163473	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	392503	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	422066	20.00	ng	-0.02
87) Perylene-d12	24.60	264	432978	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	443143	132.56	ng	0.00
7) Phenol-d6	7.07	99	576997	128.54	ng	-0.01
23) Nitrobenzene-d5	9.05	82	353970	82.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	242309	126.26	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	833604	85.39	ng	-0.01
79) Terphenyl-d14	19.90	244	1479516	72.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.99	163	41159	3.503	ng	Qvalue 99

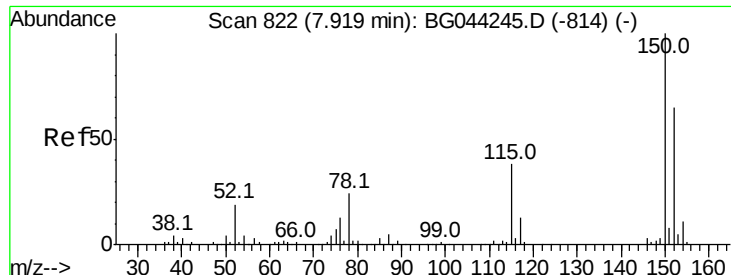
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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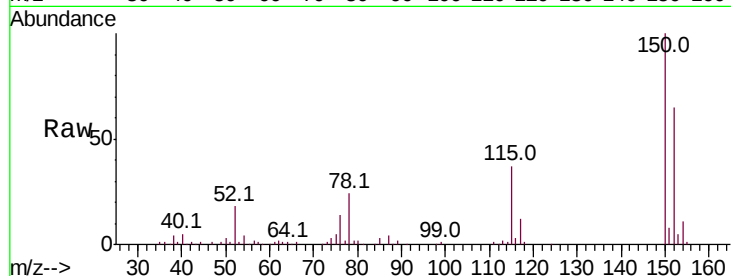


#1

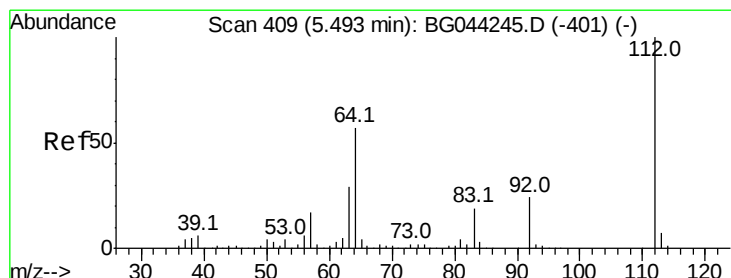
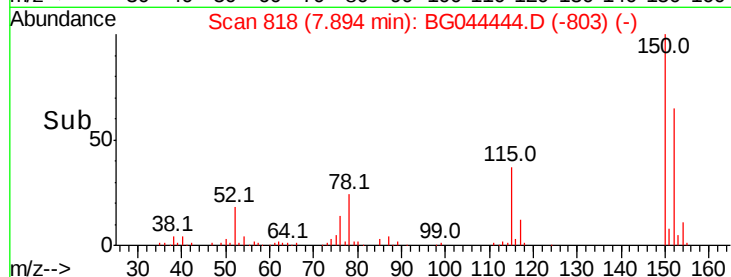
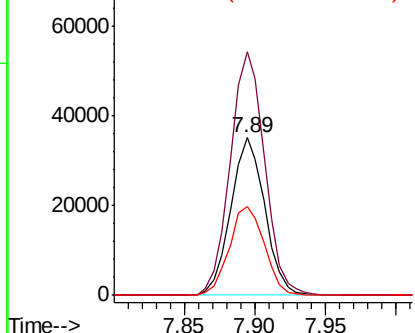
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044444.D
 Acq: 14 Feb 2020 18:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.6	183.8
115	56.4	46.0	69.0



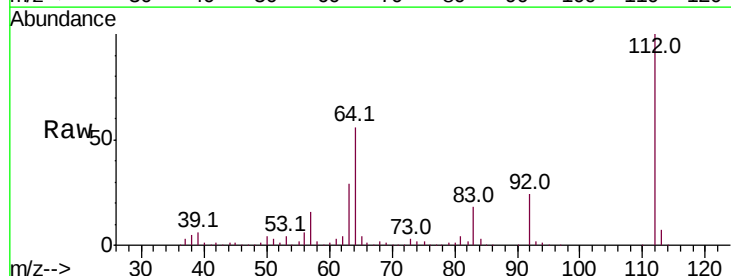
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



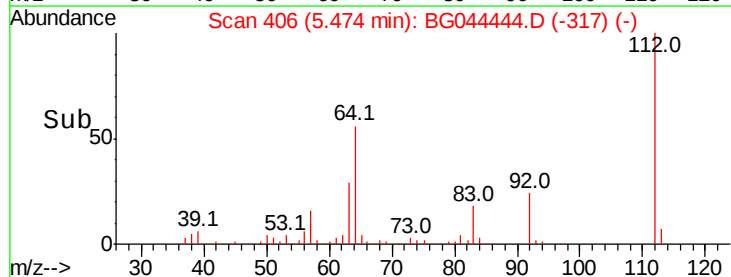
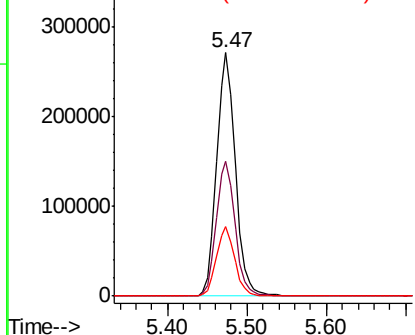
#5

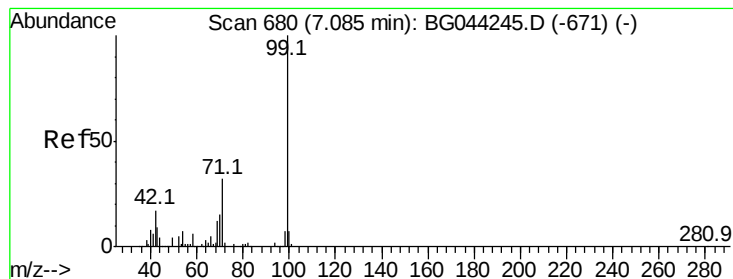
2-Fluorophenol
 Concen: 132.565 ng
 RT: 5.47 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BG044444.D
 Acq: 14 Feb 2020 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.4	68.2
63	28.8	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: 128.537 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)

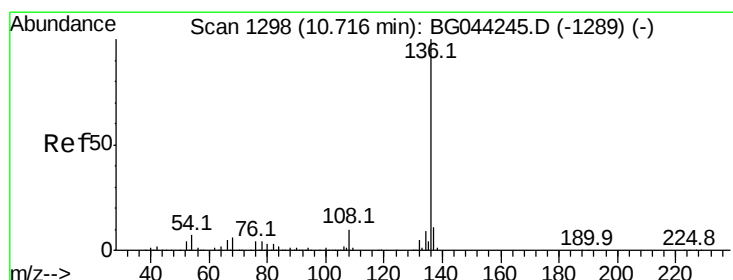
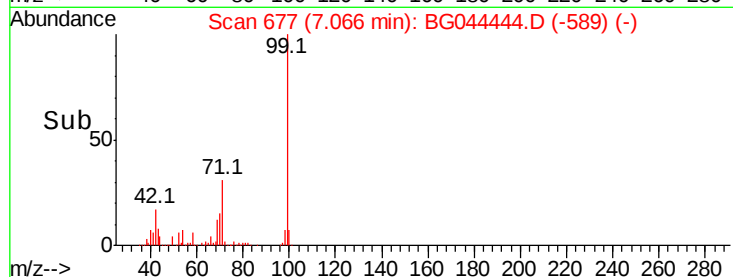
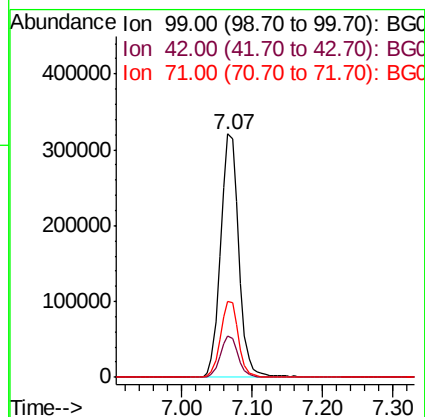
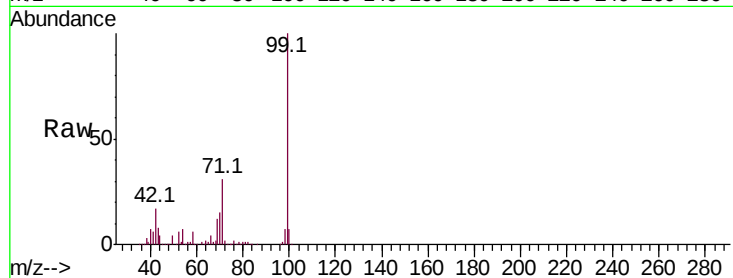
Tot Ion: 99 Resp: 576997

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

71 31.0 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

Tgt Ion: 136 Resp: 243046

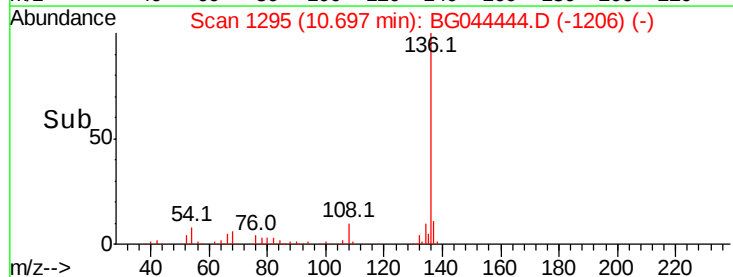
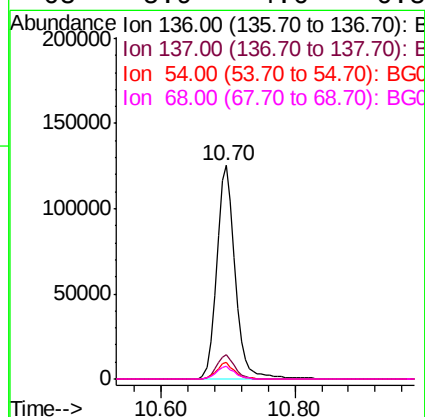
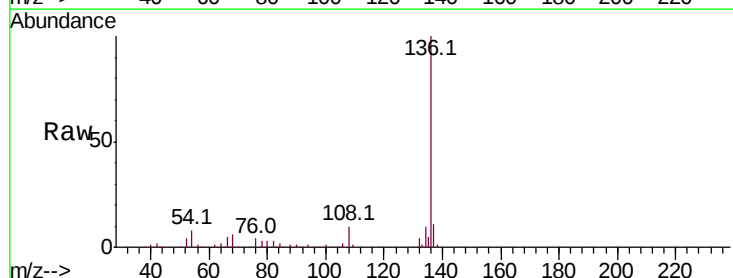
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 7.7 5.8 8.8

68 5.9 4.6 6.8

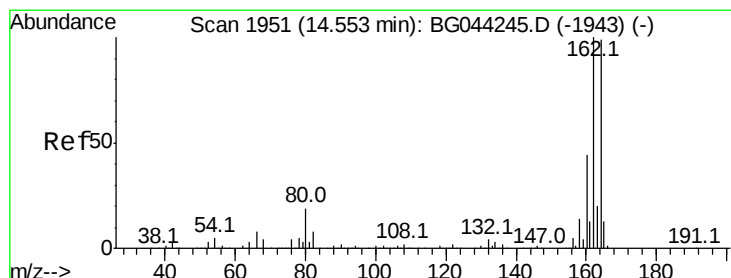
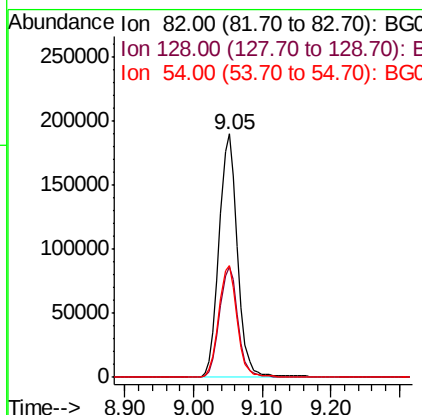
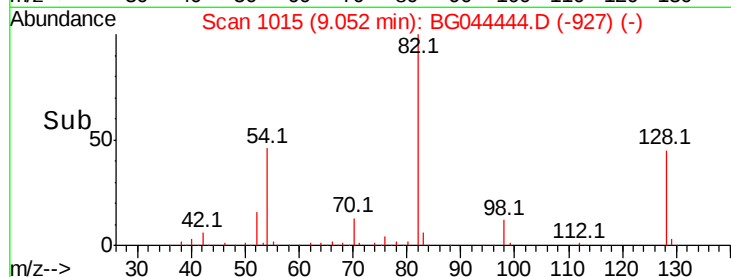
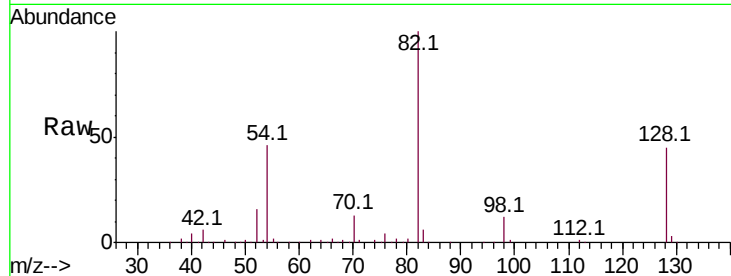




#23
Nitrobenzene-d5
Concen: 82.222 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044444.D
Acq: 14 Feb 2020 18:38

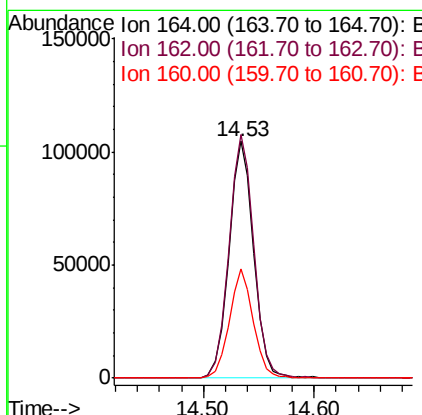
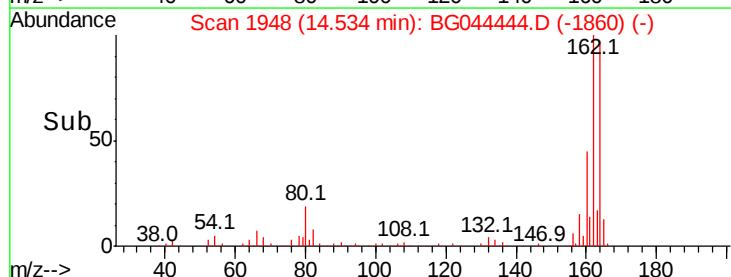
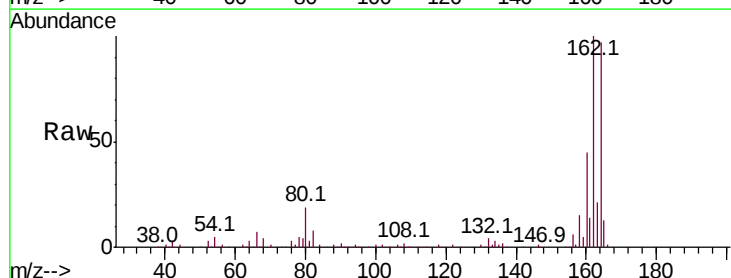
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)

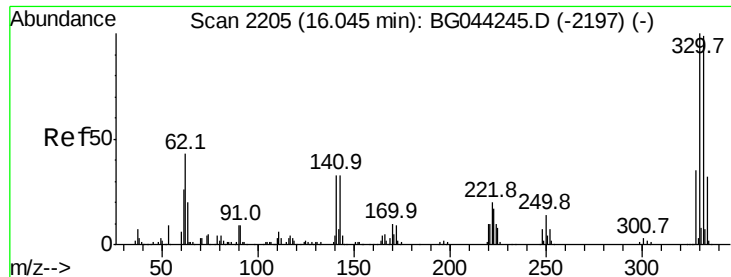
Tot Ion: 82 Resp: 353970
Ion Ratio Lower Upper
82 100
128 45.5 36.5 54.7
54 45.7 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044444.D
Acq: 14 Feb 2020 18:38

Tgt Ion:164 Resp: 163473
Ion Ratio Lower Upper
164 100
162 102.7 80.7 121.1
160 46.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 126.263 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)

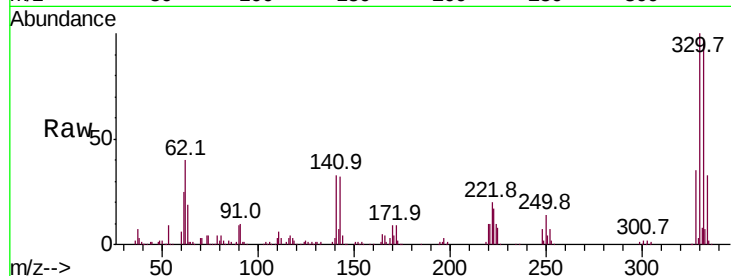
Tot Ion:330 Resp: 242309

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

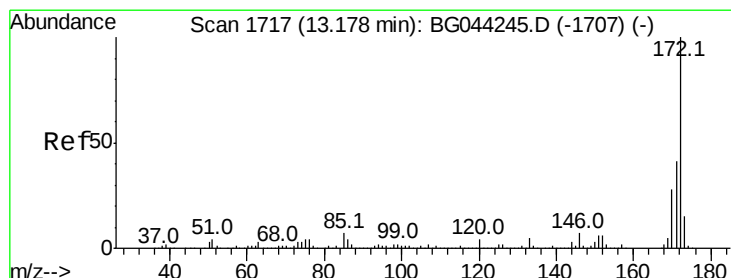
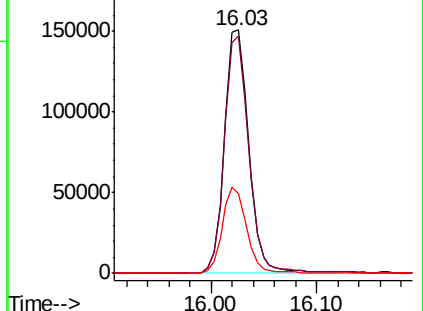
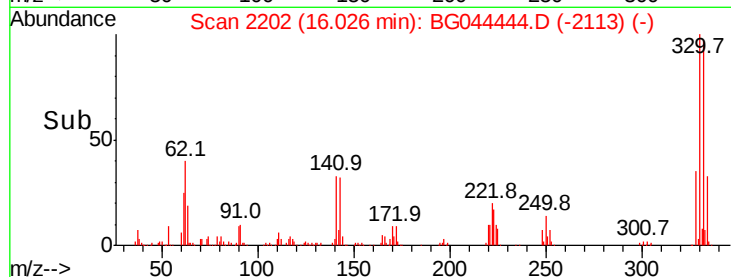
141 35.7 28.3 42.5



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: 85.391 ng

RT: 13.15 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

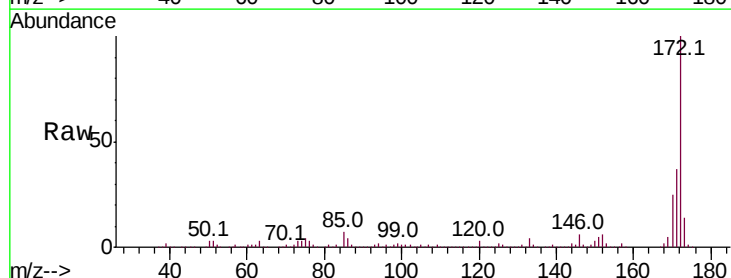
Tgt Ion:172 Resp: 833604

Ion Ratio Lower Upper

172 100

171 37.0 32.9 49.3

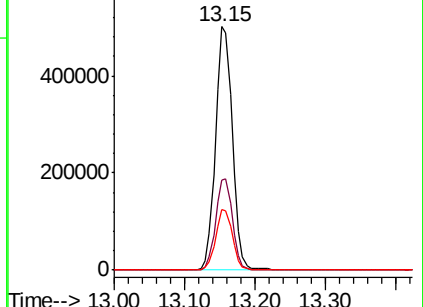
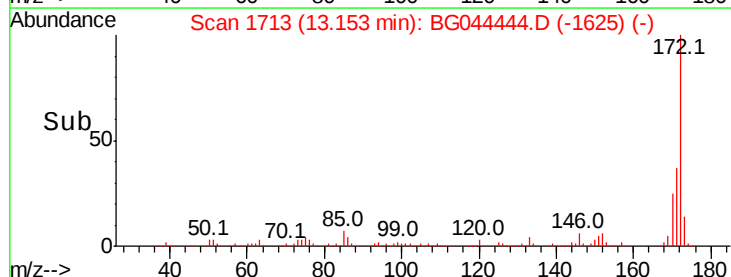
170 25.0 22.0 33.0

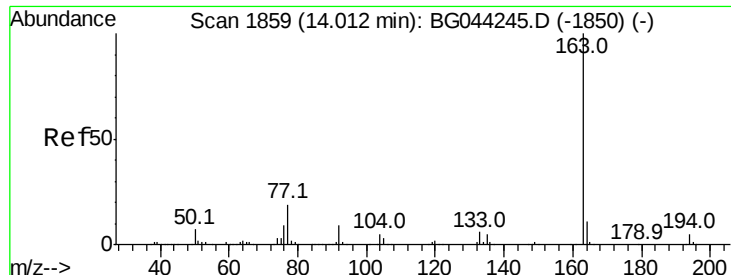


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.503 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)

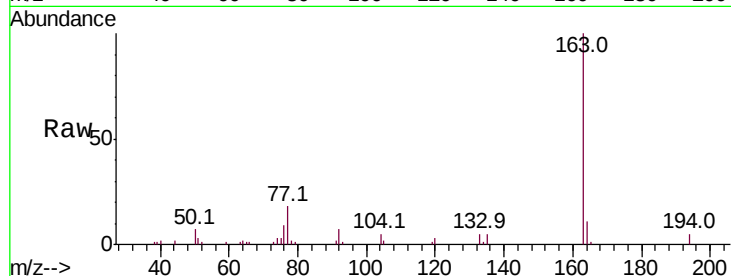
Tot Ion:163 Resp: 41159

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

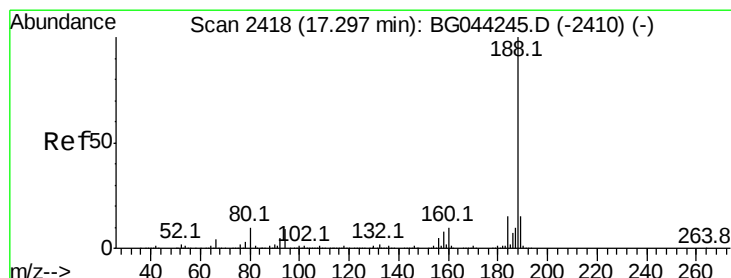
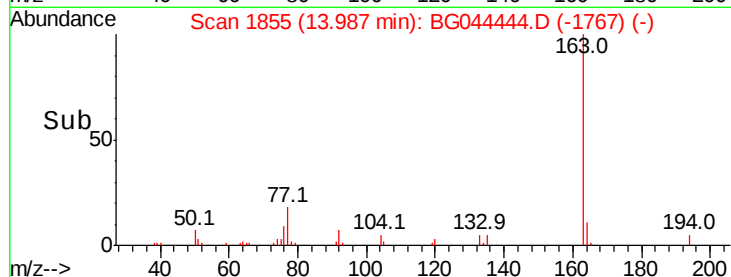
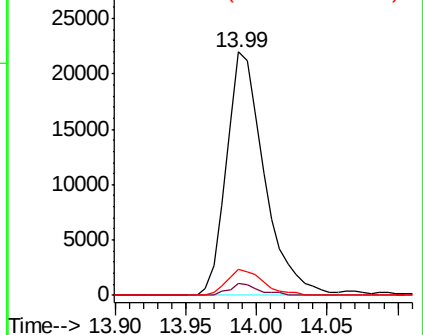
164 10.6 8.7 13.1



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: BG044444.D

Acq: 14 Feb 2020 18:38

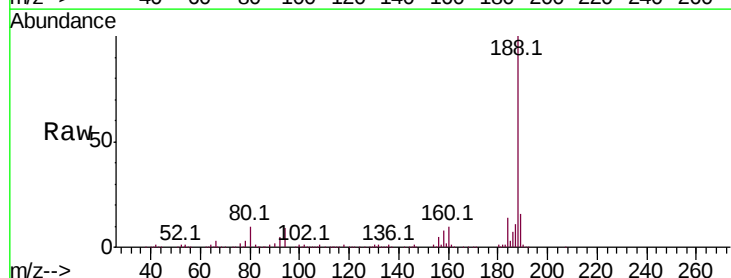
Tgt Ion:188 Resp: 392503

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

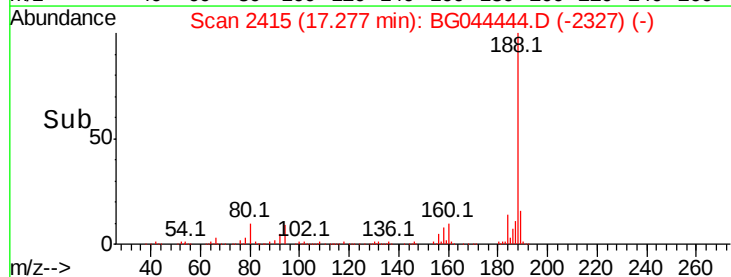
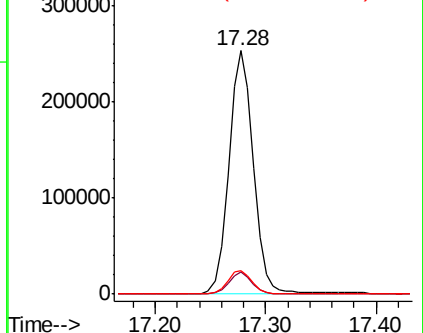
80 9.6 7.7 11.5

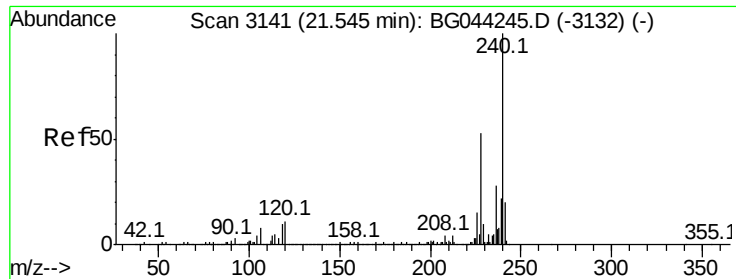


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG044444.D

Acq: 14 Feb 2020 18:38

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)

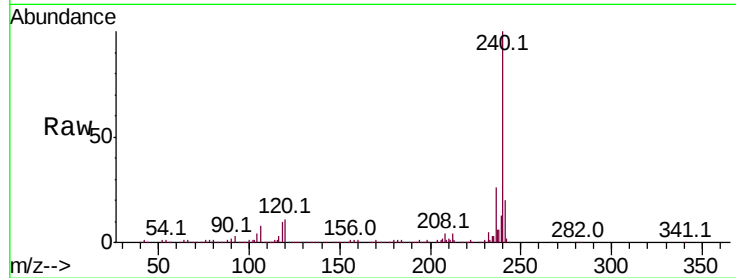
Tot Ion:240 Resp: 422066

Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

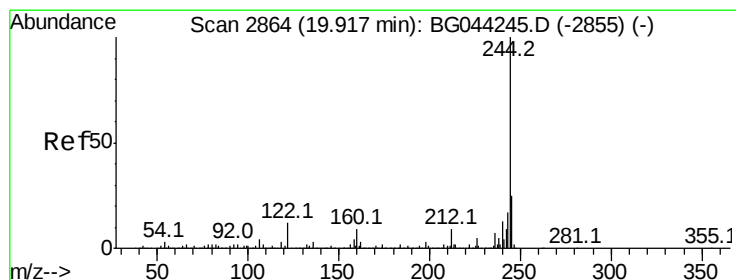
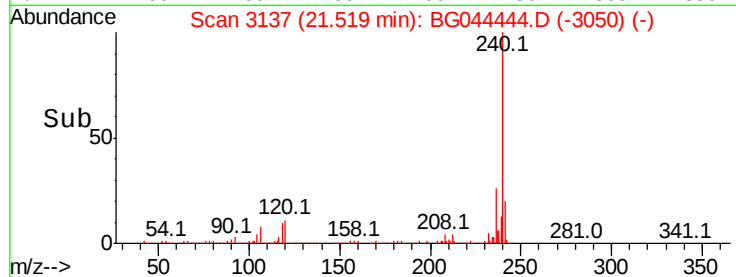
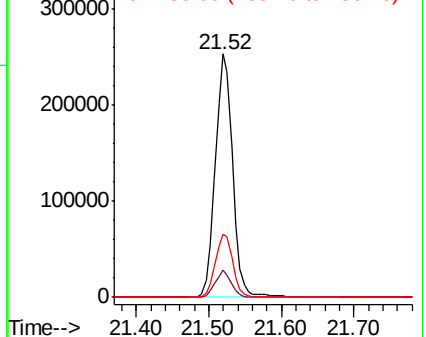
236 26.1 22.1 33.1



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: 72.102 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044444.D

Acq: 14 Feb 2020 18:38

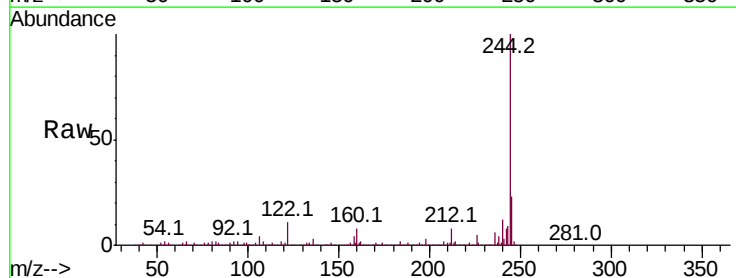
Tgt Ion:244 Resp: 1479516

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

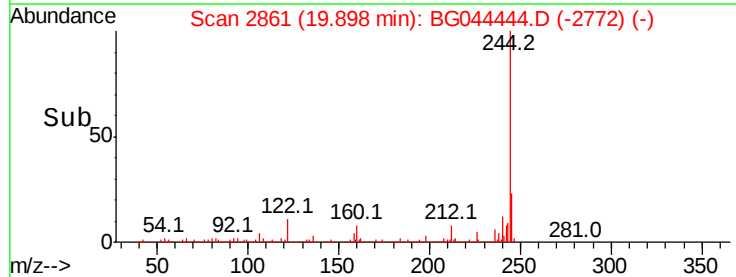
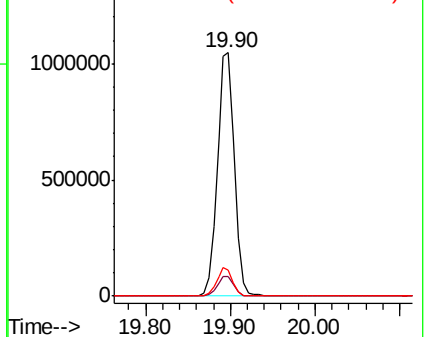
122 10.7 9.8 14.6

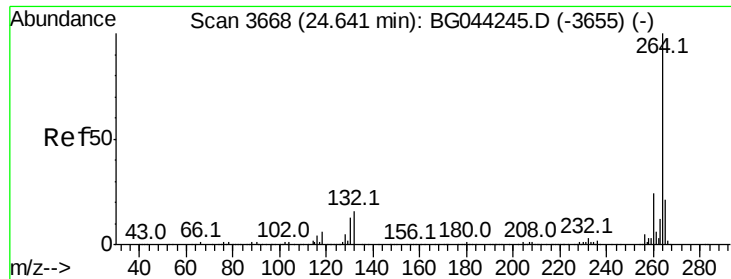


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3662
 Delta R.T. -0.02 min
 Lab File: BG044444.D
 Acq: 14 Feb 2020 18:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.3	16.7	25.1

