

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044424.D
 Acq On : 13 Feb 2020 19:19
 Operator : CG/JU
 Sample : L1491-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2G-(8.5-10.5)

Quant Time: Feb 14 03:14:41 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

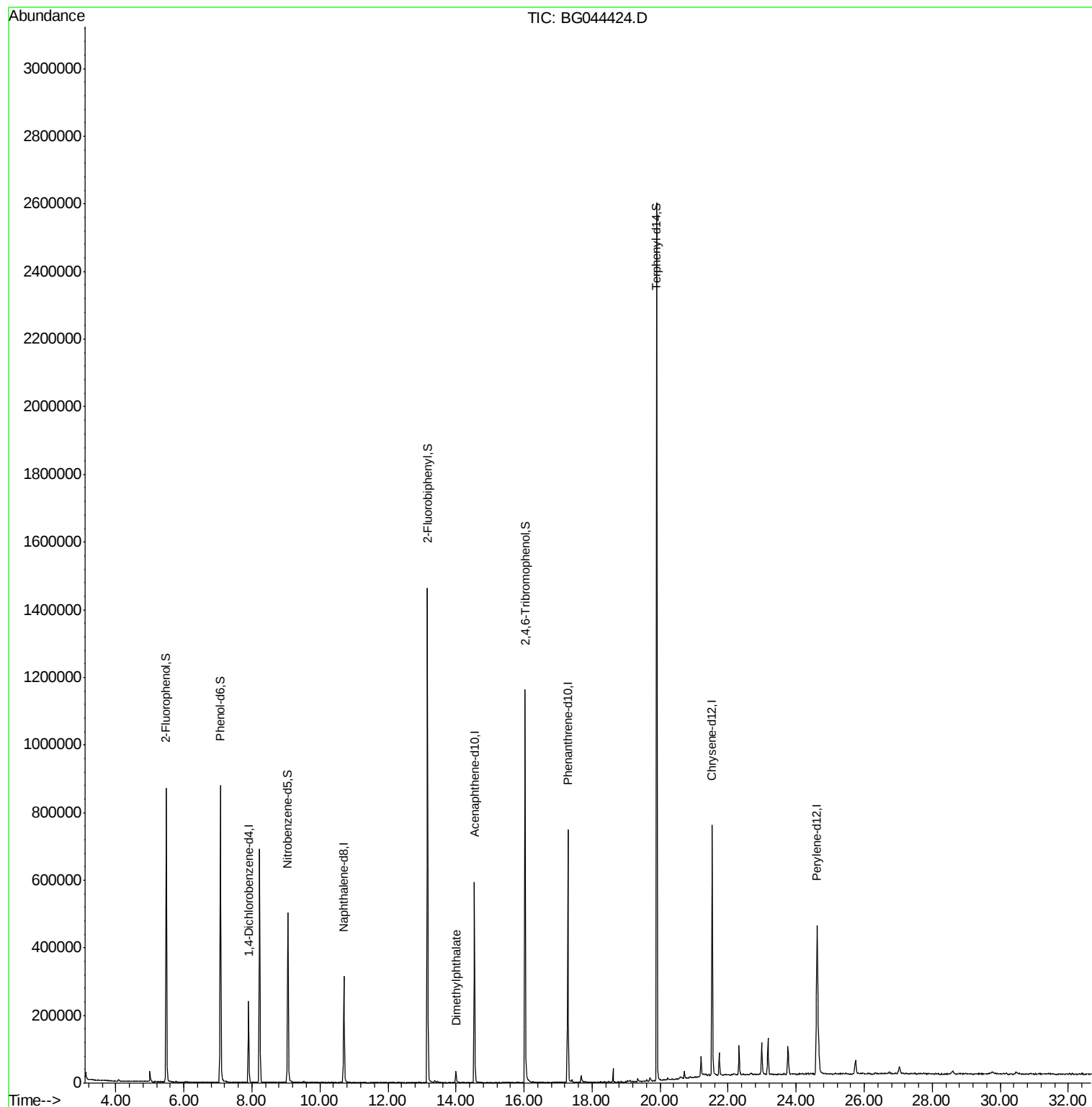
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	73118	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	306251	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	212431	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	495657	20.00	ng	0.00
76) Chrysene-d12	21.53	240	461777	20.00	ng	0.00
87) Perylene-d12	24.62	264	476843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	433232	104.57	ng	0.00
7) Phenol-d6	7.07	99	579552	104.17	ng	0.00
23) Nitrobenzene-d5	9.06	82	340558	62.78	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	245555	98.47	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	839121	66.15	ng	0.00
79) Terphenyl-d14	19.90	244	1278705	56.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	34070	2.231	ng	Qvalue 99

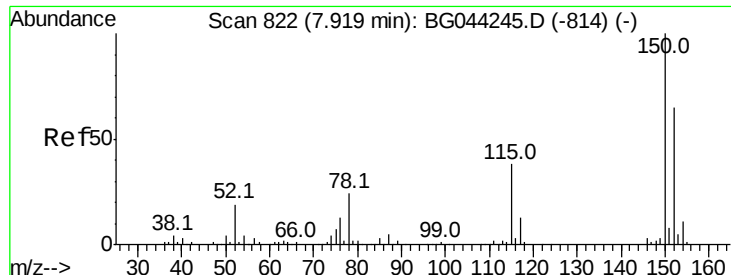
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Response via : Initial Calibration



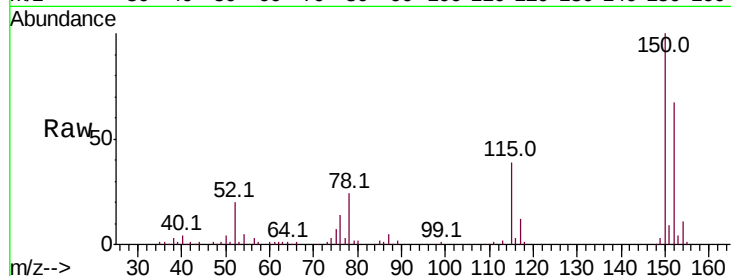


#1

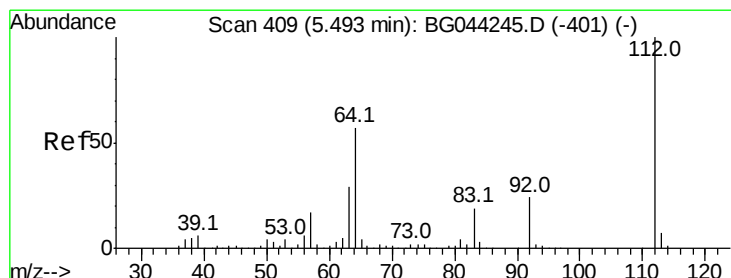
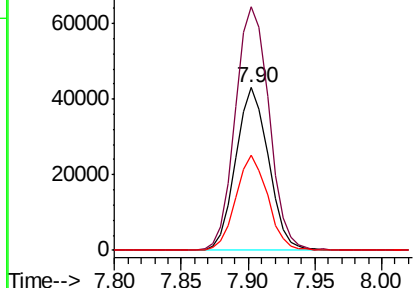
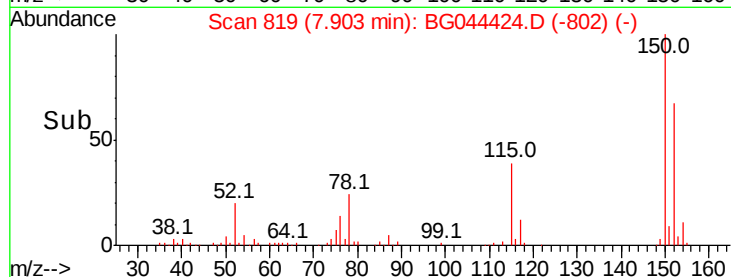
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG044424.D
 Acq: 13 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-2G-(8.5-10.5)

Tot Ion:152 Resp: 73118
 Ion Ratio Lower Upper
 152 100
 150 149.7 122.6 183.8
 115 58.3 46.0 69.0



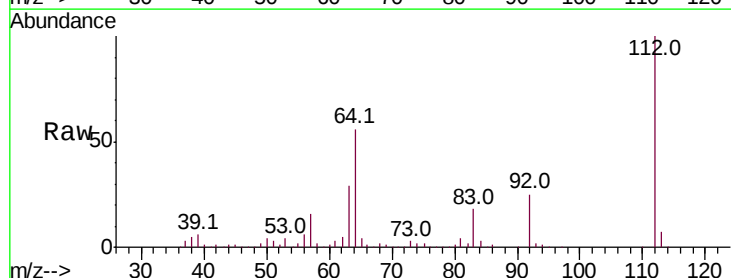
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



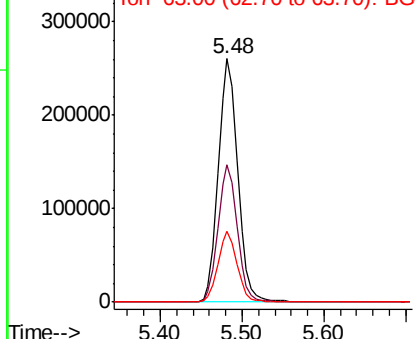
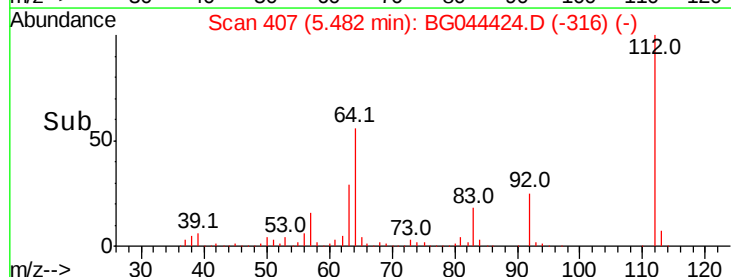
#5

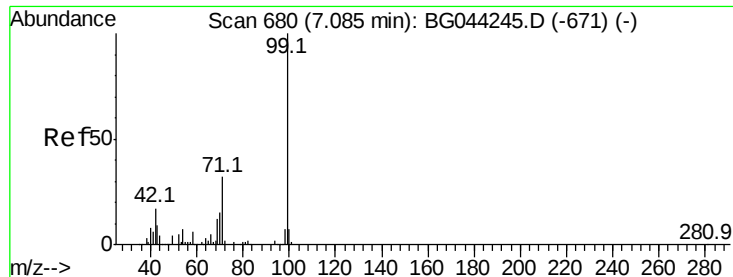
2-Fluorophenol
 Concen: 104.569 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044424.D
 Acq: 13 Feb 2020 19:19

Tgt Ion:112 Resp: 433232
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.4 68.2
 63 28.9 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: 104.171 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

SB-2G-(8.5-10.5)

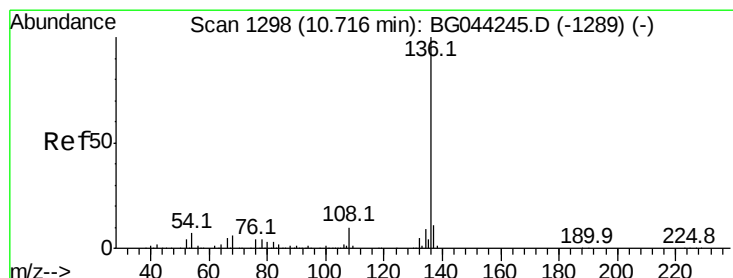
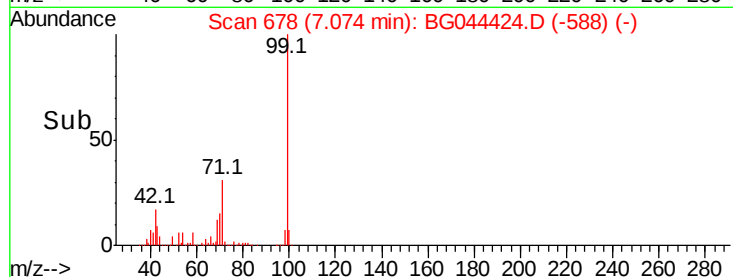
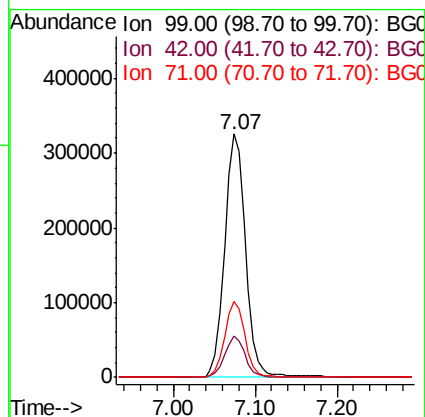
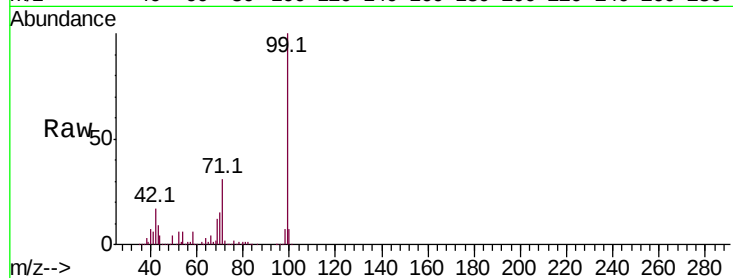
Tot Ion: 99 Resp: 579552

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

71 31.0 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

Tgt Ion: 136 Resp: 306251

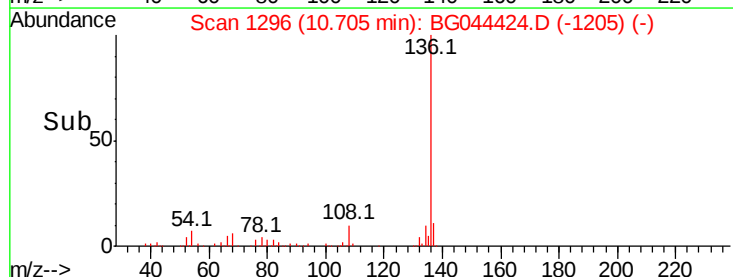
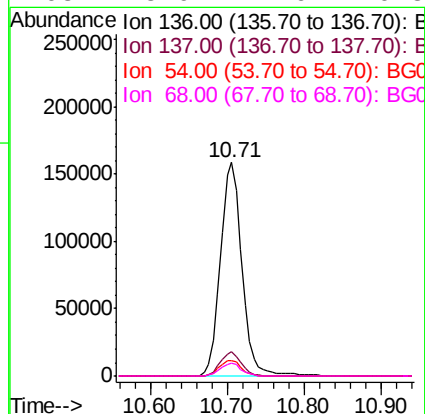
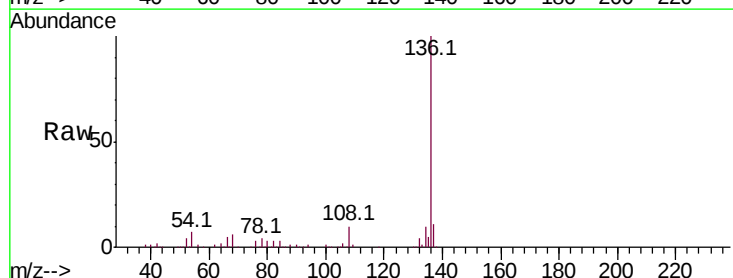
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.1 5.8 8.8

68 5.9 4.6 6.8

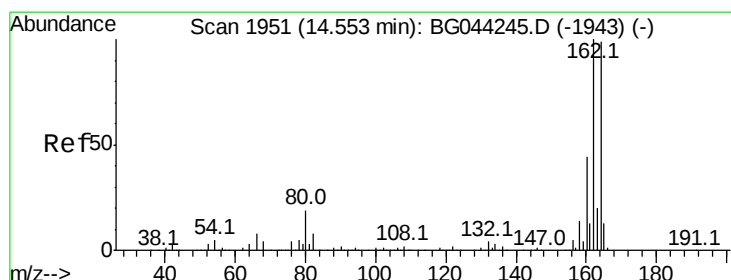
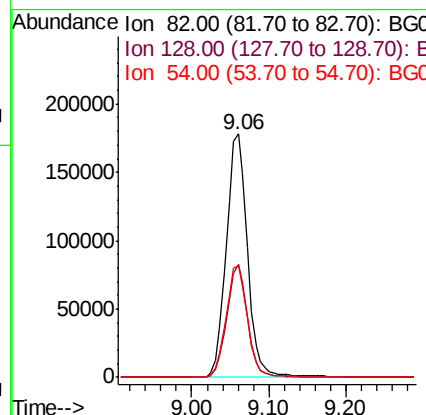
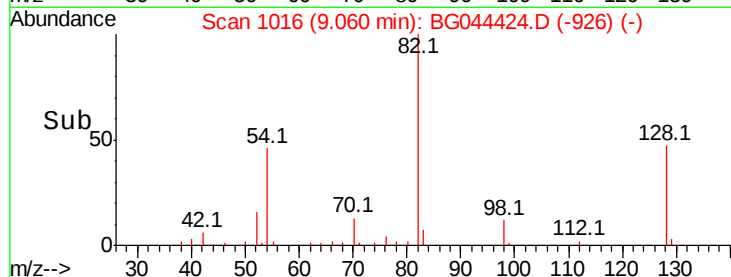
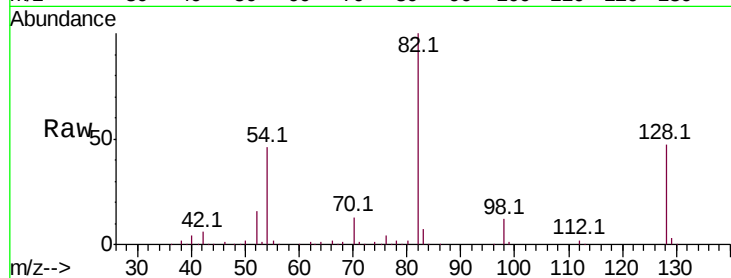




#23
 Nitrobenzene-d5
 Concen: 62.781 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044424.D
 Acq: 13 Feb 2020 19:19

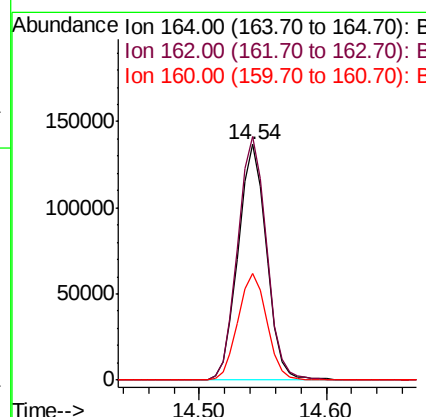
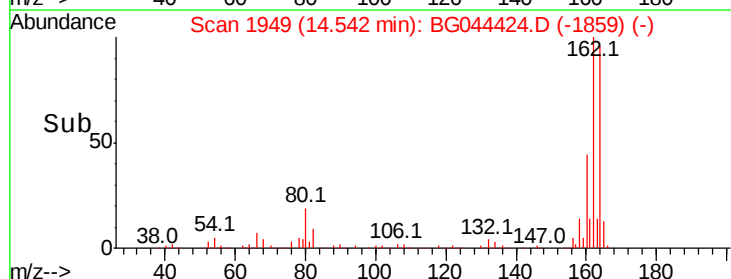
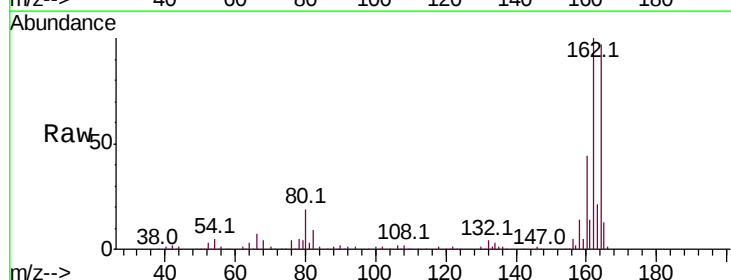
Instrument :
 BNA_G
 ClientSampleId :
 SB-2G-(8.5-10.5)

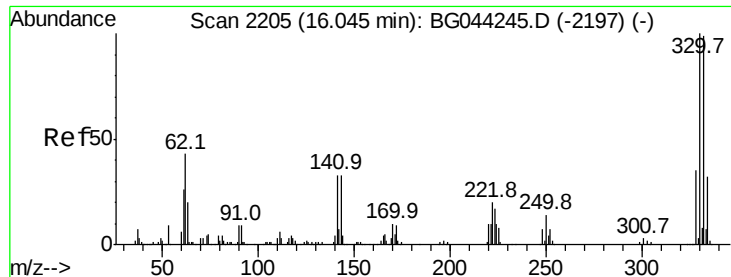
Tot Ion: 82 Resp: 340558
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.5 54.7
 54 45.9 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG044424.D
 Acq: 13 Feb 2020 19:19

Tgt Ion:164 Resp: 212431
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.7 121.1
 160 45.4 35.3 52.9

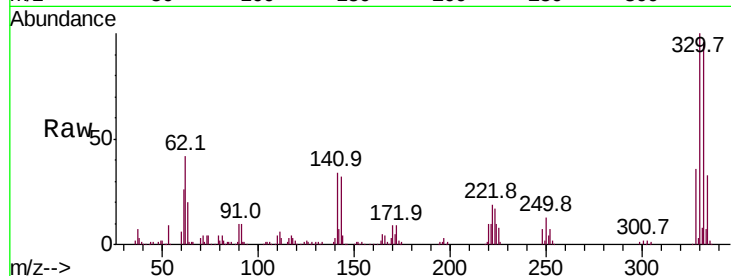




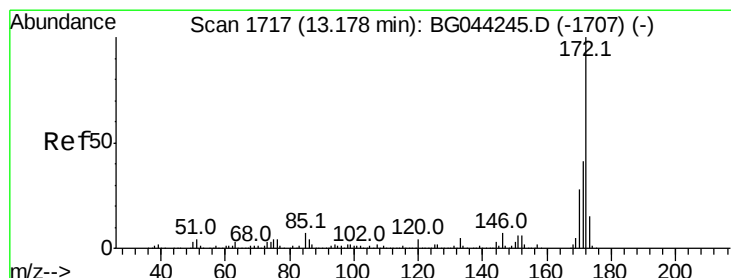
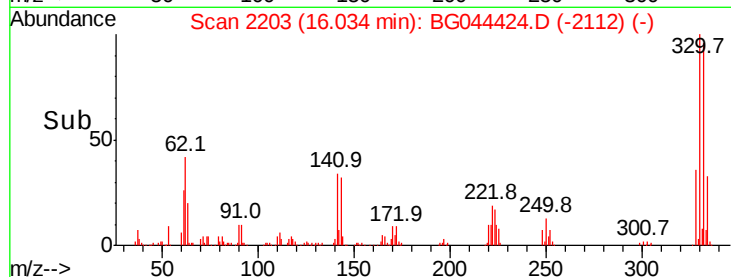
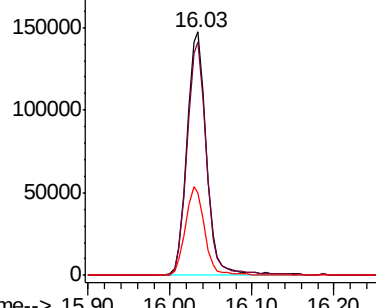
#42
 2,4,6-Tribromophenol
 Concen: 98.465 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044424.D
 Acq: 13 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampled :
 SB-2G-(8.5-10.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	35.8	28.3	42.5

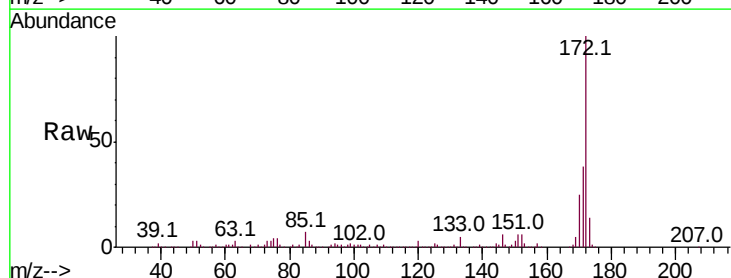


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

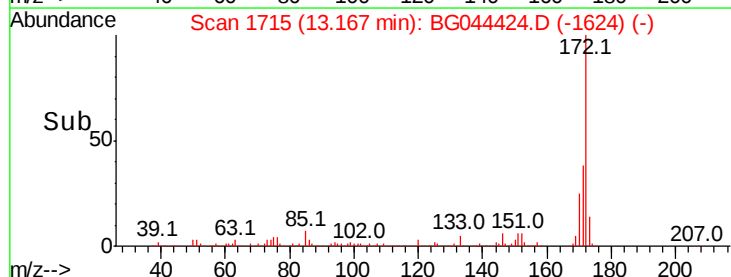
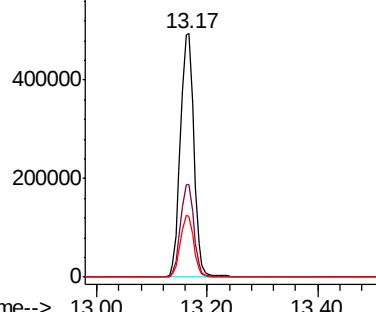


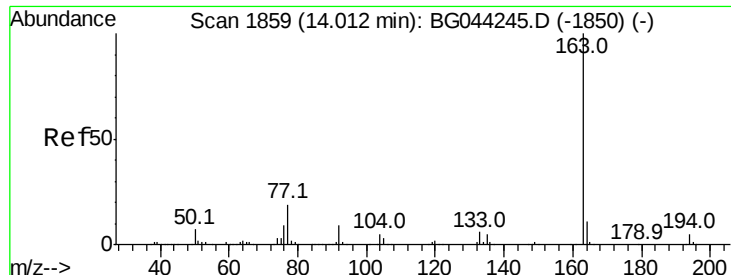
#45
 2-Fluorobiphenyl
 Concen: 66.146 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044424.D
 Acq: 13 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.9	49.3
170	25.1	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: 2.231 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

SB-2G-(8.5-10.5)

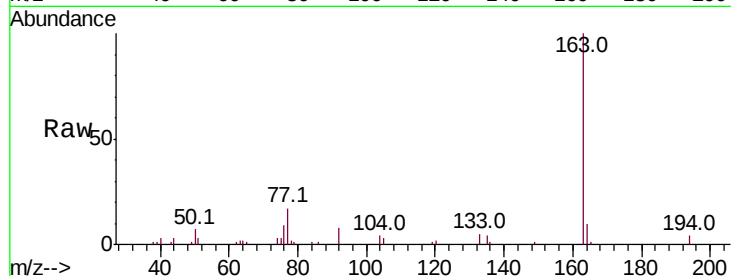
Tot Ion:163 Resp: 34070

Ion Ratio Lower Upper

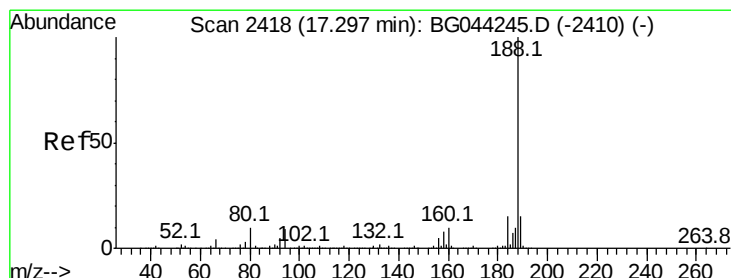
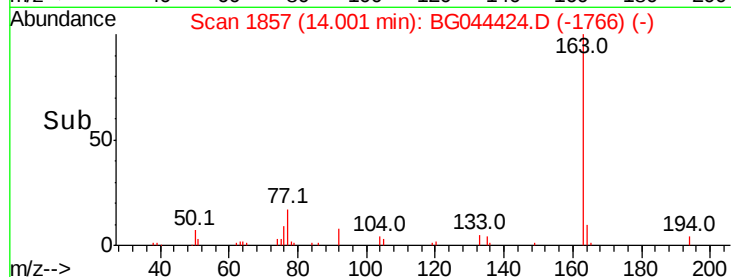
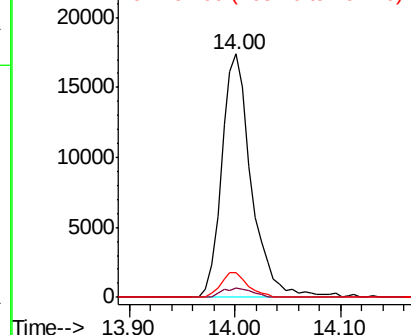
163 100

194 4.1 3.6 5.4

164 10.4 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# 2416

Delta R.T. -0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

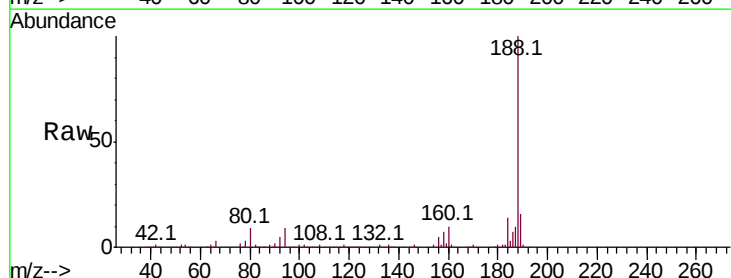
Tgt Ion:188 Resp: 495657

Ion Ratio Lower Upper

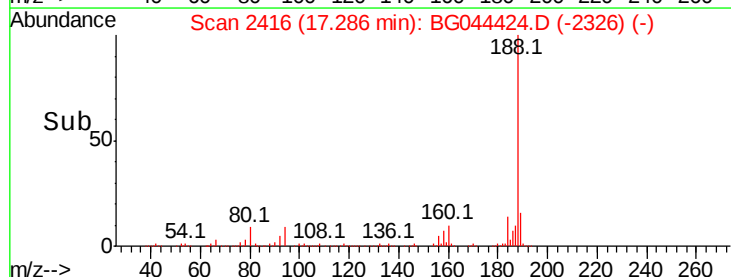
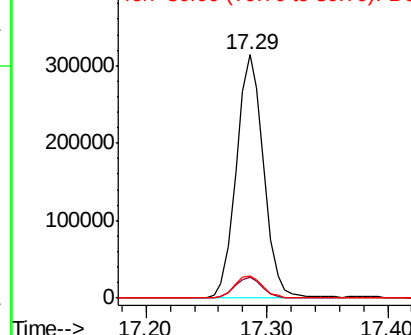
188 100

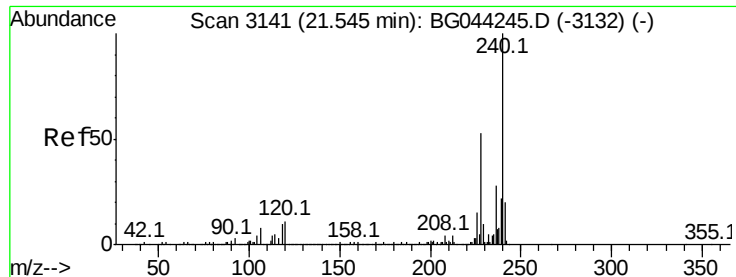
94 8.8 7.4 11.2

80 9.4 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# 3138

Delta R.T. -0.01 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

SB-2G-(8.5-10.5)

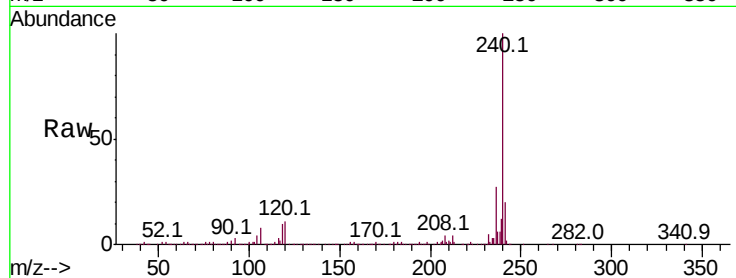
Tot Ion:240 Resp: 461777

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

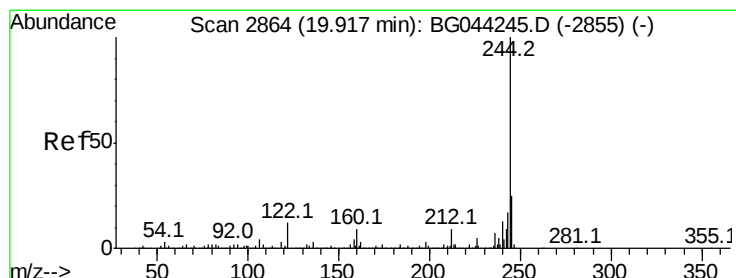
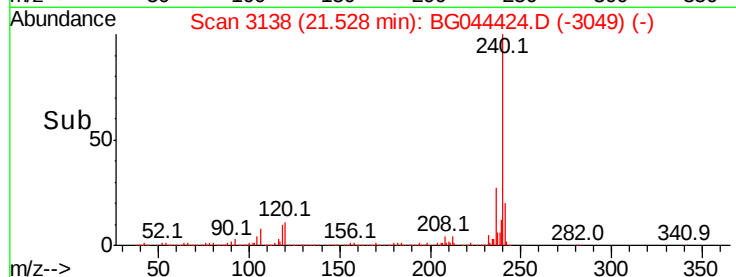
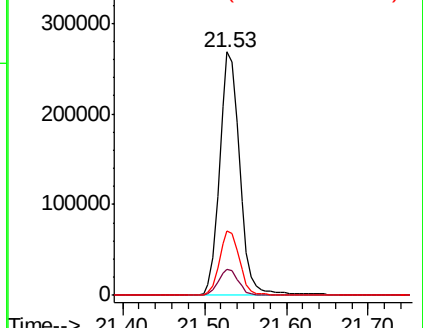
236 26.6 22.1 33.1



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: 56.957 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

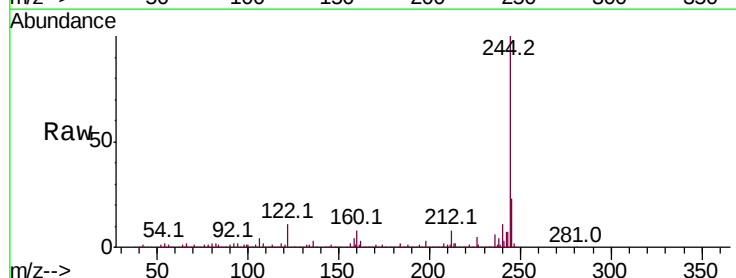
Tgt Ion:244 Resp: 1278705

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.2

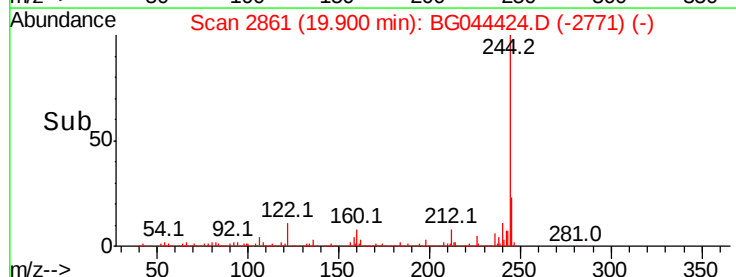
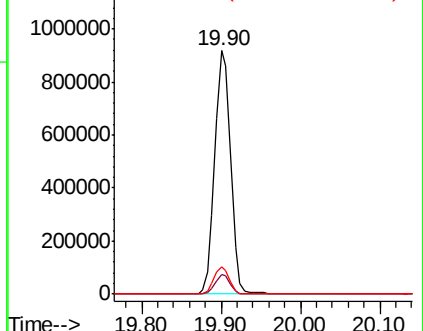
122 11.4 9.8 14.6

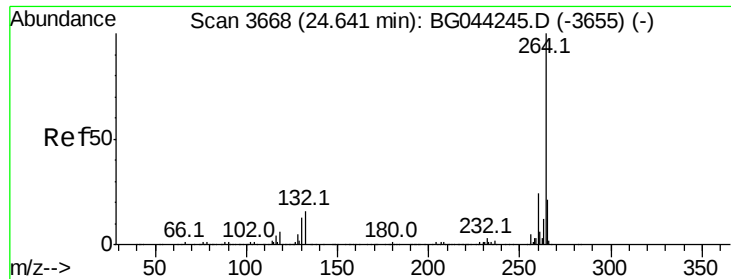


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

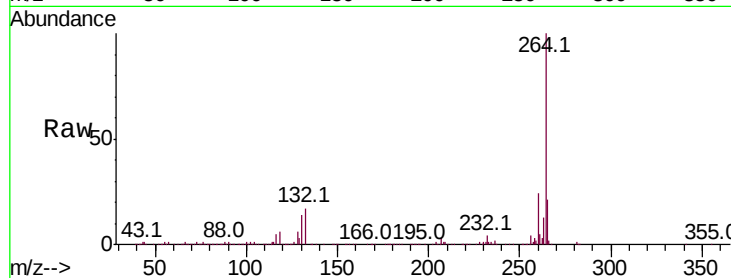




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG044424.D
Acq: 13 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
SB-2G-(8.5-10.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.5	16.7	25.1



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

