

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044411.D
 Acq On : 12 Feb 2020 16:30
 Operator : CG/JU
 Sample : L1491-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1I-(13.5-15.5)

Quant Time: Feb 13 02:38:57 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

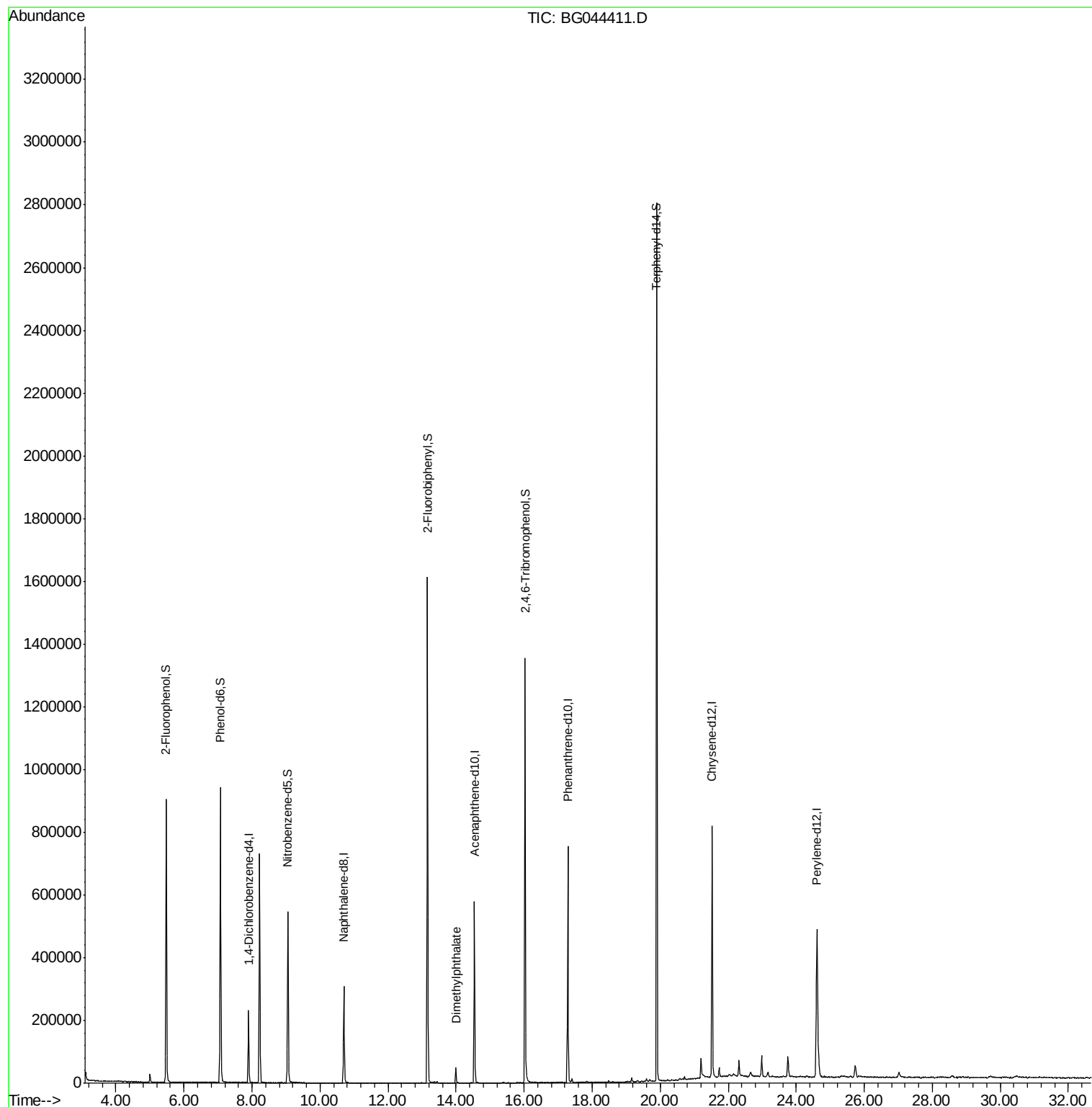
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	67713	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	291386	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	206173	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	498865	20.00	ng	0.00
76) Chrysene-d12	21.53	240	471340	20.00	ng	-0.01
87) Perylene-d12	24.61	264	484035	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	446816	116.46	ng	0.00
7) Phenol-d6	7.07	99	606030	117.63	ng	0.00
23) Nitrobenzene-d5	9.06	82	361156	69.97	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	269560	111.37	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	885186	71.90	ng	0.00
79) Terphenyl-d14	19.90	244	1383853	60.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.99	163	40228	2.714	ng	Qvalue 99

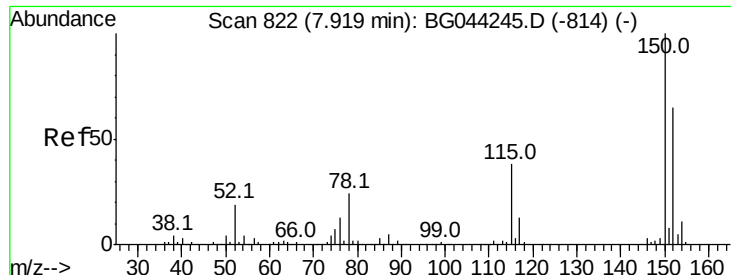
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



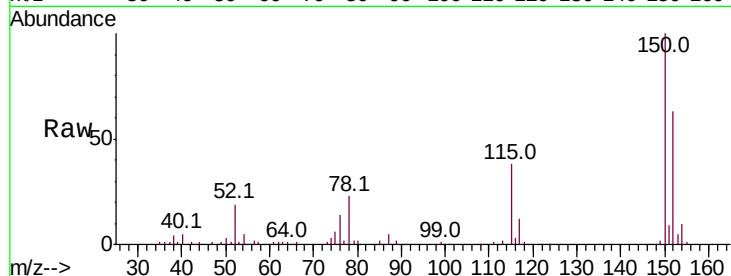


#1

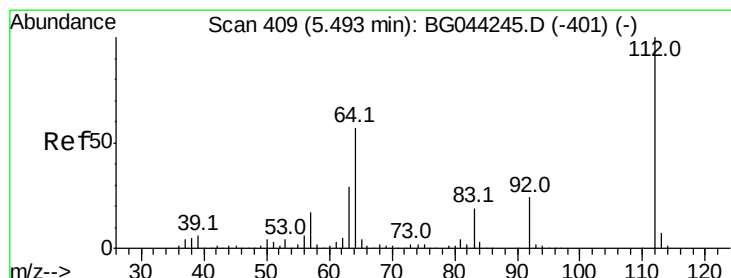
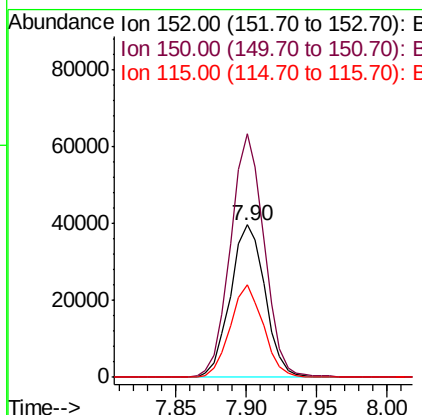
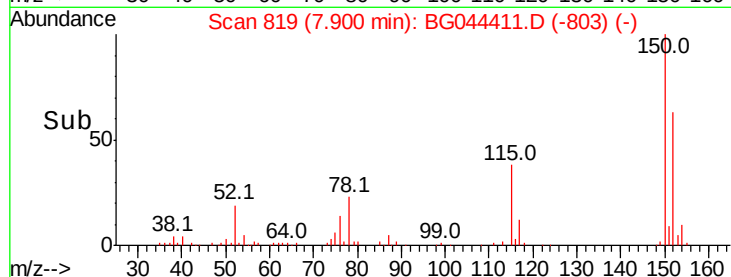
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-1I-(13.5-15.5)

Tot Ion:152 Resp: 67713
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.6 183.8
 115 60.4 46.0 69.0



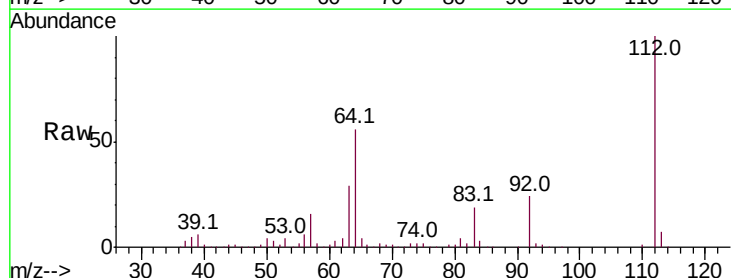
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



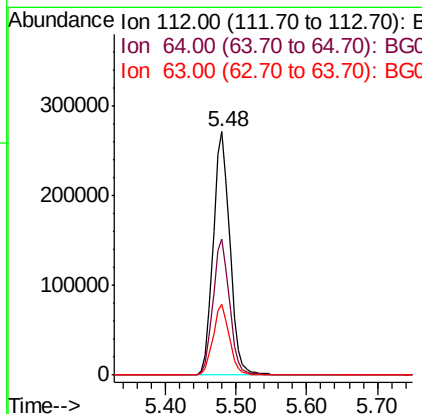
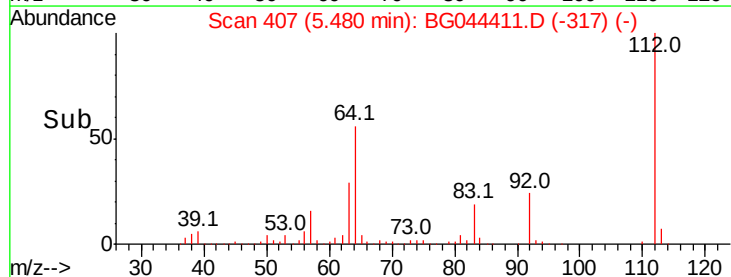
#5

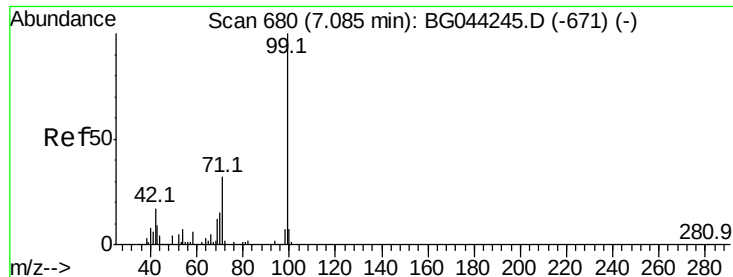
2-Fluorophenol
 Concen: 116.456 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Tgt Ion:112 Resp: 446816
 Ion Ratio Lower Upper
 112 100
 64 55.7 45.4 68.2
 63 29.2 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: 117.625 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

SB-1I(13.5-15.5)

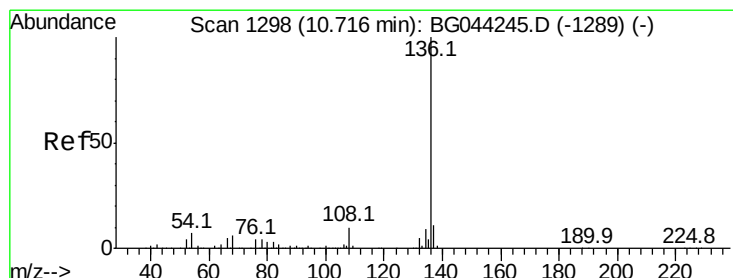
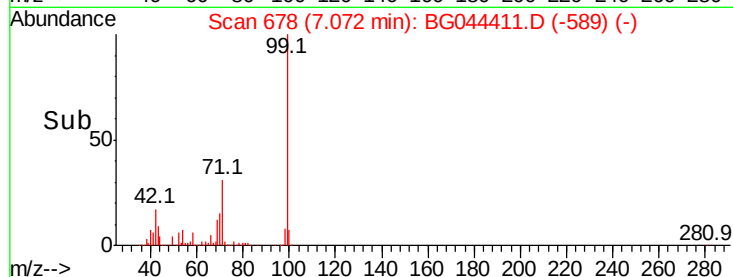
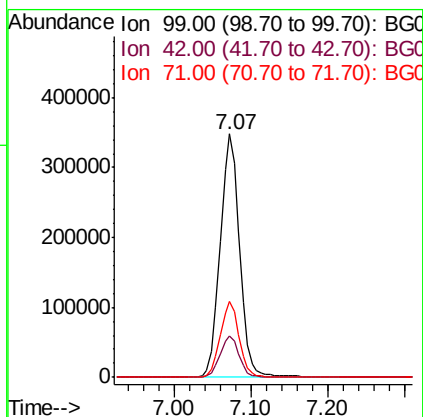
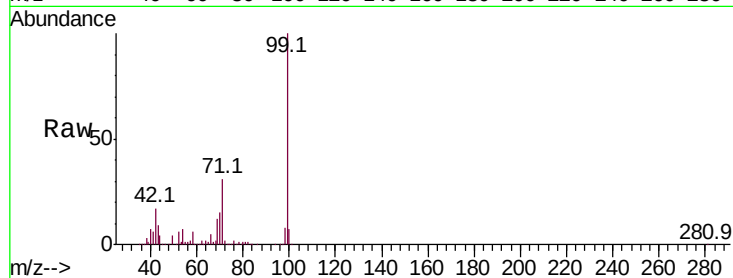
Tot Ion: 99 Resp: 606030

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

71 30.9 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: BG044411.D

Acq: 12 Feb 2020 16:30

Tgt Ion: 136 Resp: 291386

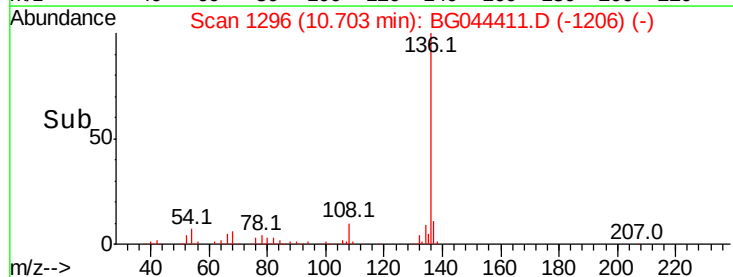
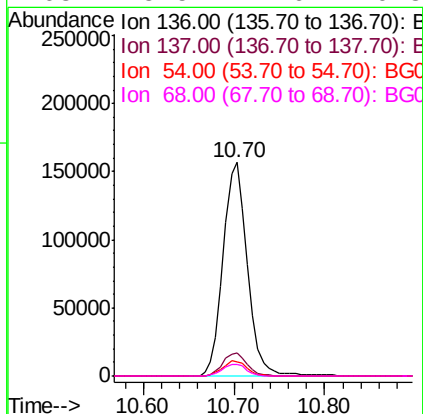
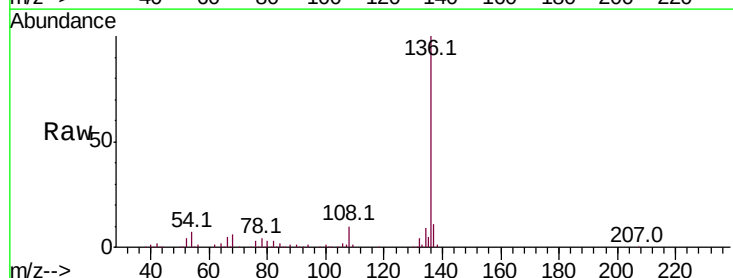
Ion Ratio Lower Upper

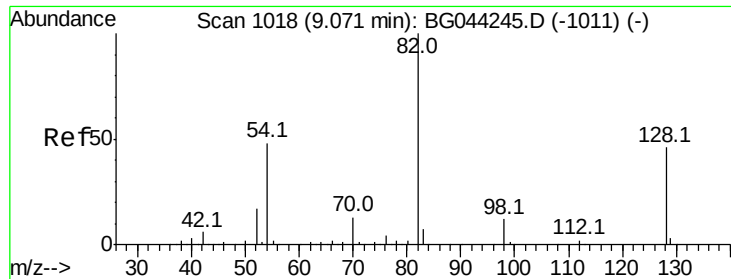
136 100

137 10.7 8.8 13.2

54 6.9 5.8 8.8

68 5.5 4.6 6.8

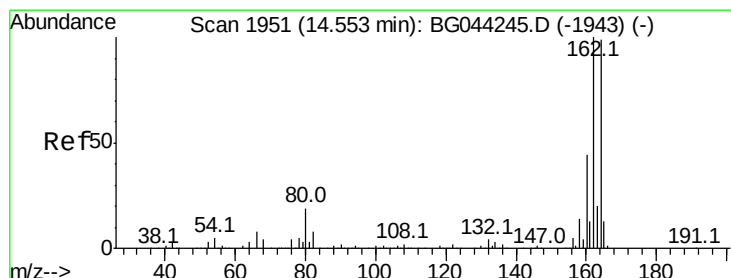
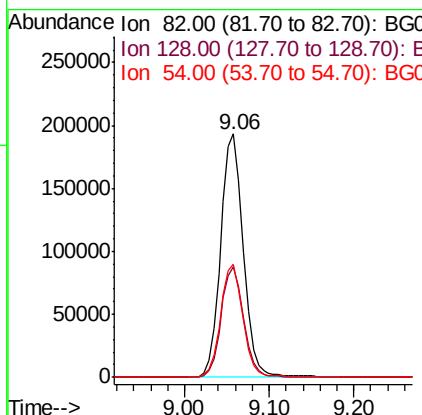
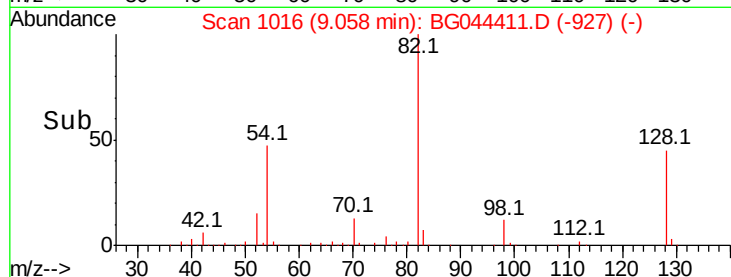
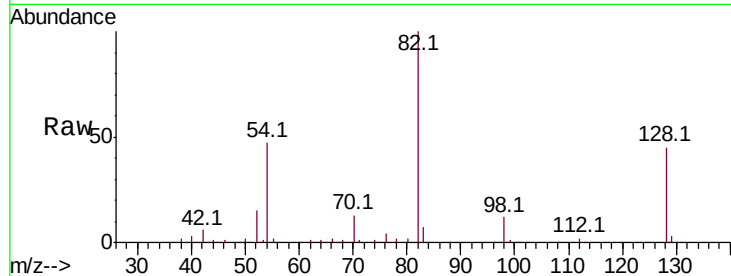




#23
Nitrobenzene-d5
Concen: 69.974 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

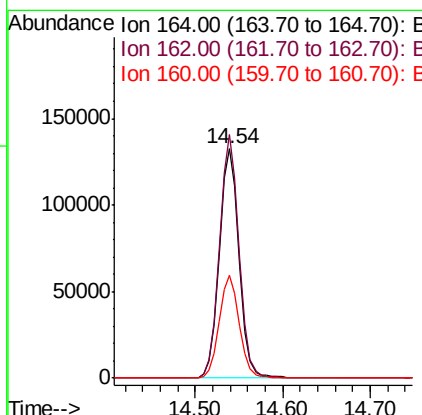
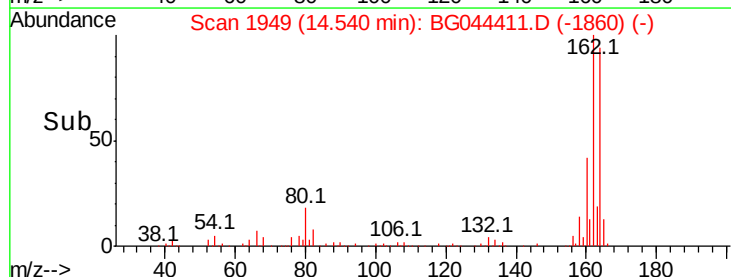
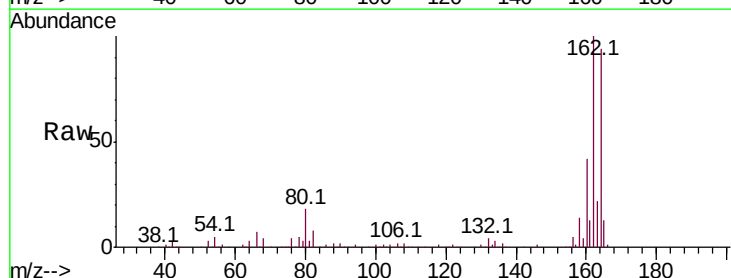
Instrument :
BNA_G
ClientSampleId :
SB-1I-(13.5-15.5)

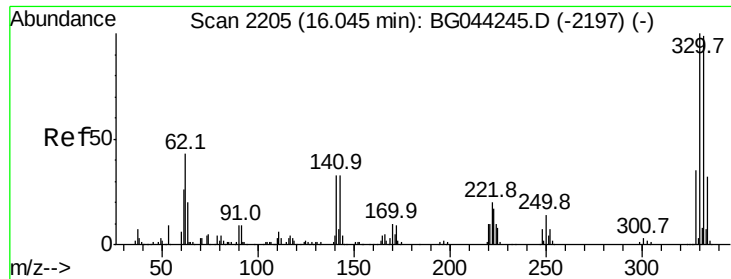
Tot Ion: 82 Resp: 361156
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 46.6 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Tgt Ion:164 Resp: 206173
Ion Ratio Lower Upper
164 100
162 106.3 80.7 121.1
160 44.8 35.3 52.9

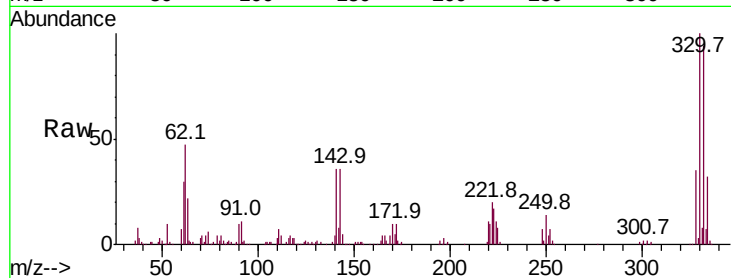




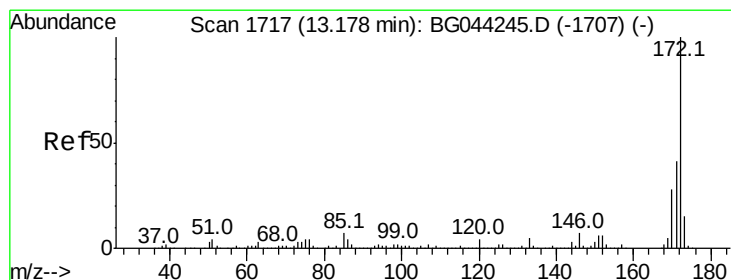
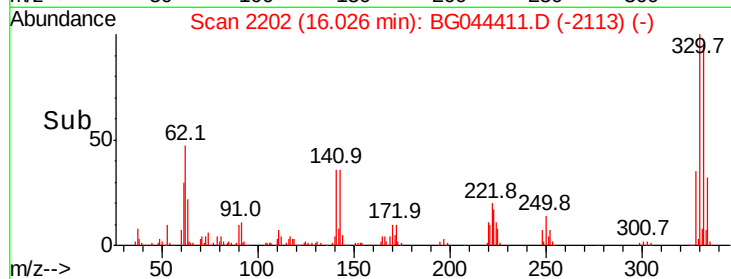
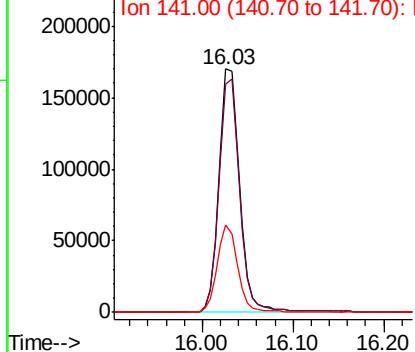
#42
 2,4,6-Tribromophenol
 Concen: 111.372 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-1I-(13.5-15.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	35.4	28.3	42.5

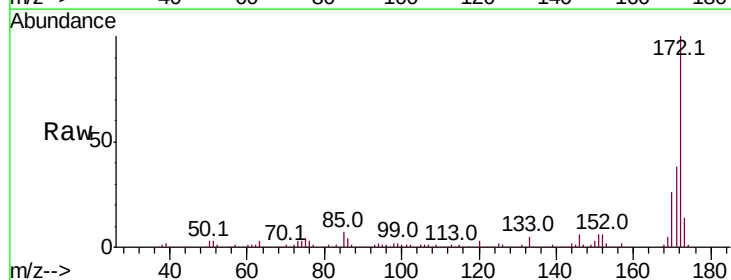


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

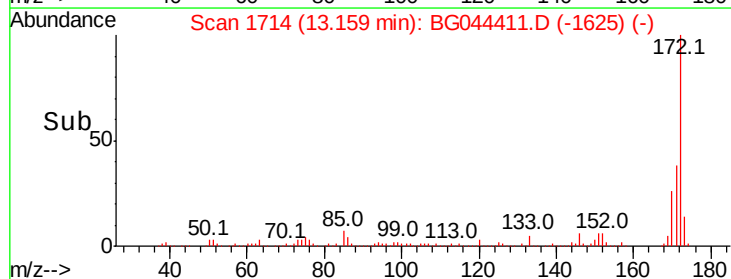
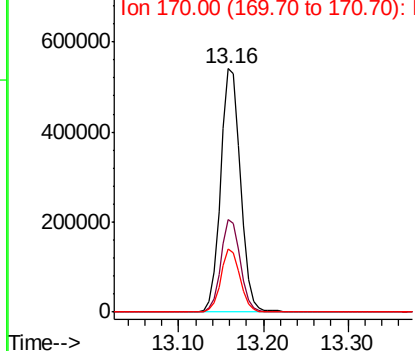


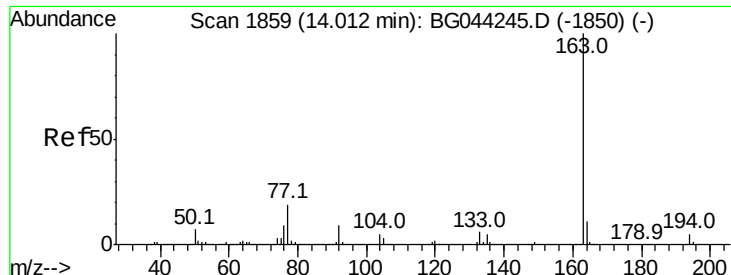
#45
 2-Fluorobiphenyl
 Concen: 71.896 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.9	49.3
170	25.8	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: 2.714 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

SB-1I-(13.5-15.5)

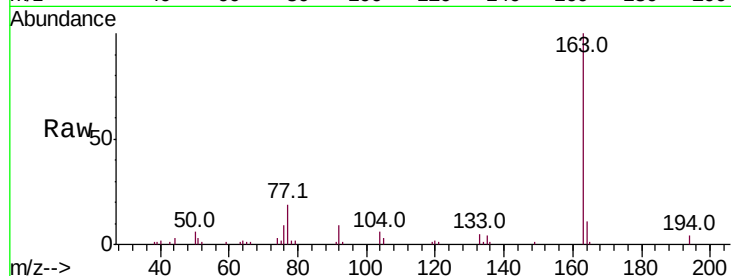
Tot Ion:163 Resp: 40228

Ion Ratio Lower Upper

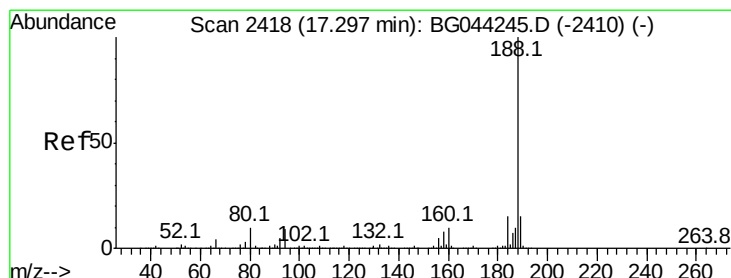
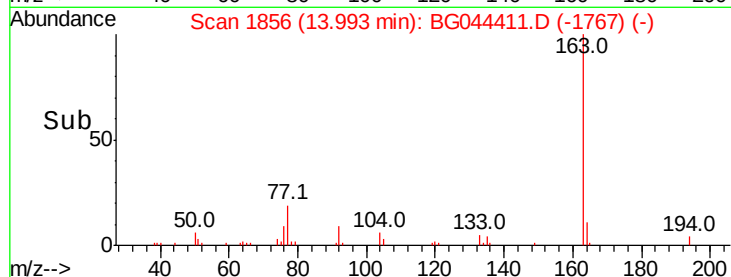
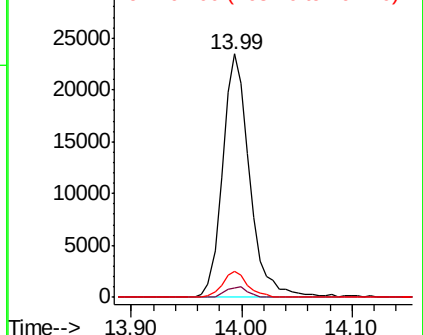
163 100

194 3.7 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# 2416

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

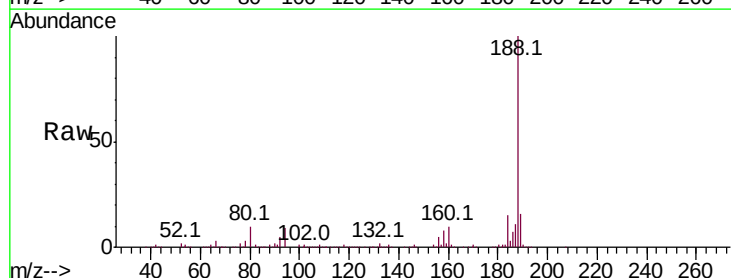
Tgt Ion:188 Resp: 498865

Ion Ratio Lower Upper

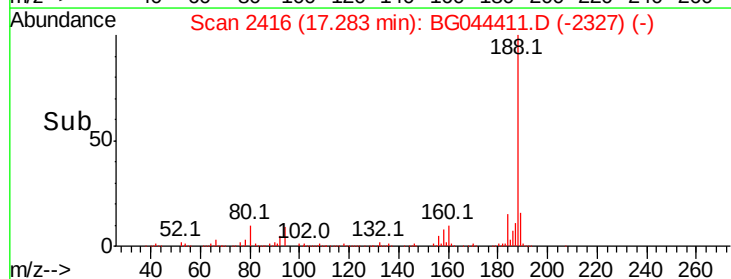
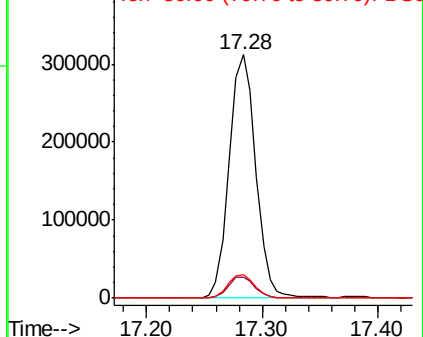
188 100

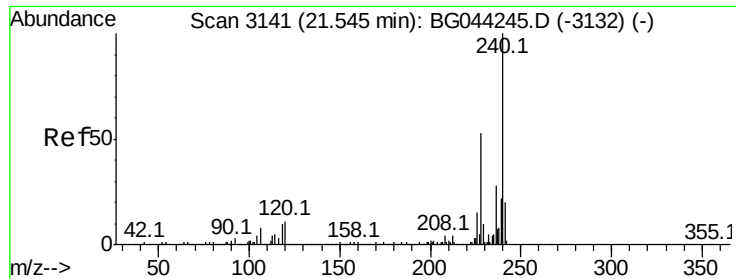
94 8.7 7.4 11.2

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: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

SB-1I-(13.5-15.5)

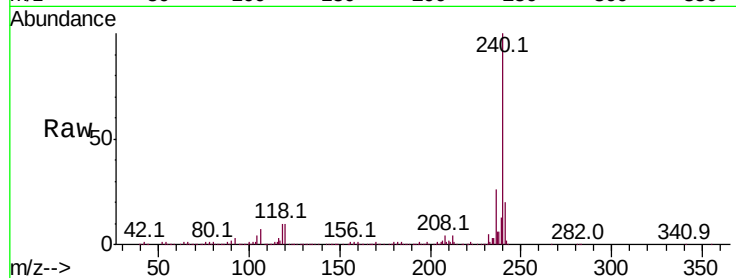
Tot Ion:240 Resp: 471340

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

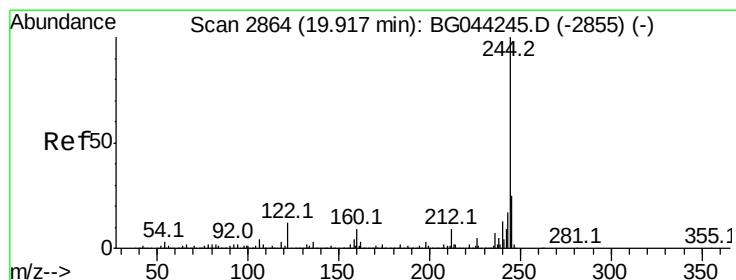
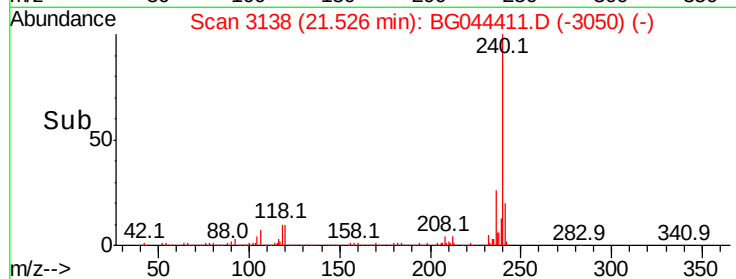
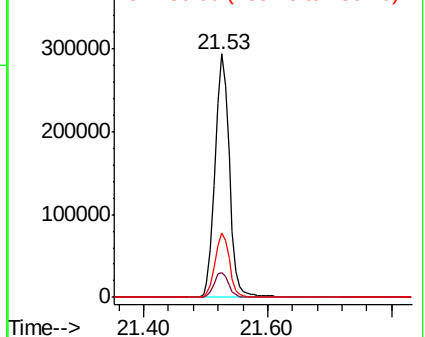
236 26.3 22.1 33.1



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: 60.390 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

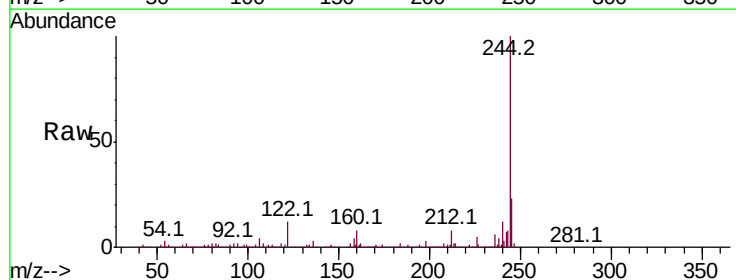
Tgt Ion:244 Resp: 1383853

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

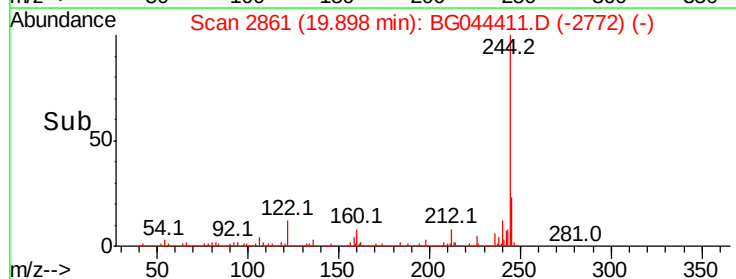
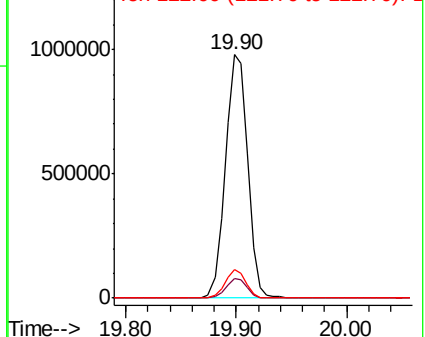
122 11.7 9.8 14.6

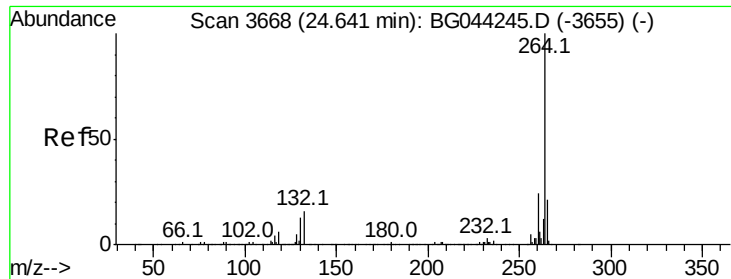


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.61 min Scan# 3663
 Delta R.T. -0.01 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-1I-(13.5-15.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.4	16.7	25.1

