

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044451.D
 Acq On : 17 Feb 2020 17:41
 Operator : CG/JU
 Sample : L1544-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1

Quant Time: Feb 18 06:14:08 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

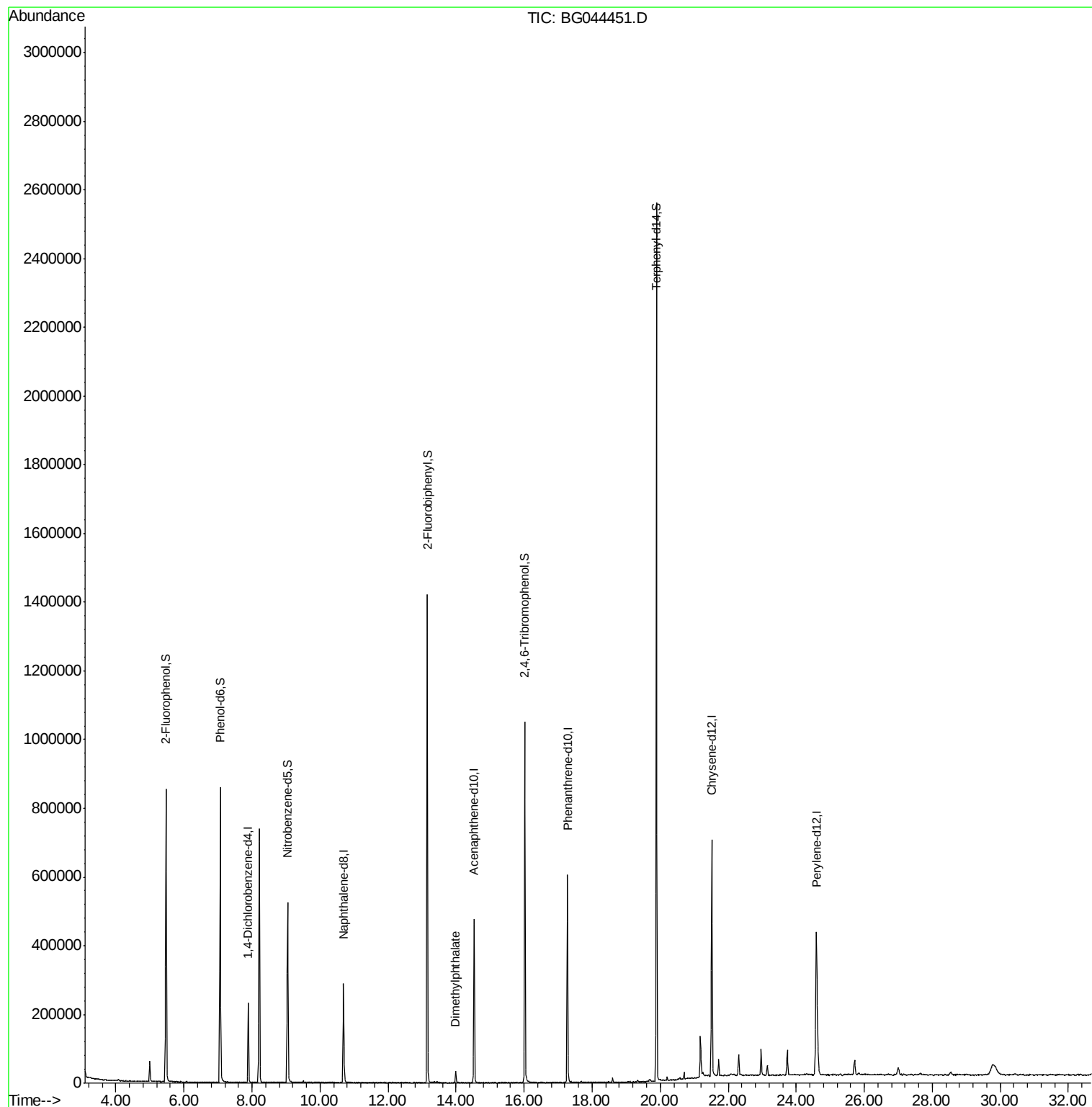
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	72631	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	281785	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	179295	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	408366	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	422692	20.00	ng	-0.02
87) Perylene-d12	24.59	264	450734	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	437131	106.22	ng	0.00
7) Phenol-d6	7.07	99	569873	103.12	ng	-0.01
23) Nitrobenzene-d5	9.05	82	347094	69.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	222899	105.90	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	792073	73.98	ng	-0.01
79) Terphenyl-d14	19.89	244	1277925	62.19	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.99	163	31003	2.41	ng	Qvalue 99

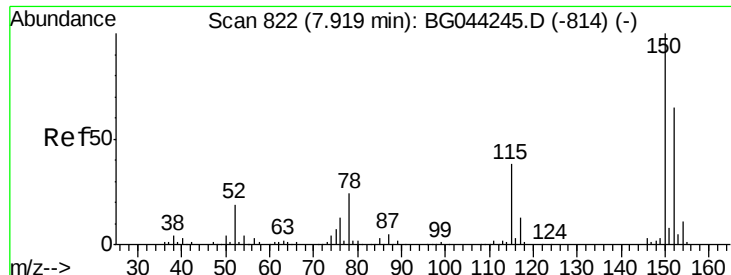
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG044451.D

Acq: 17 Feb 2020 17:41

Instrument :

BNA_G

ClientSampleId :

2-5-1

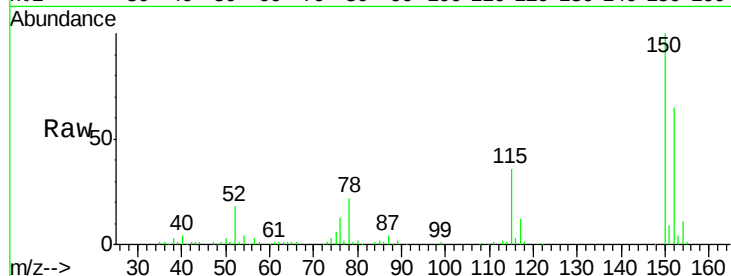
Tgt Ion:152 Resp: 72631

Ion Ratio Lower Upper

152 100

150 153.6 122.6 183.8

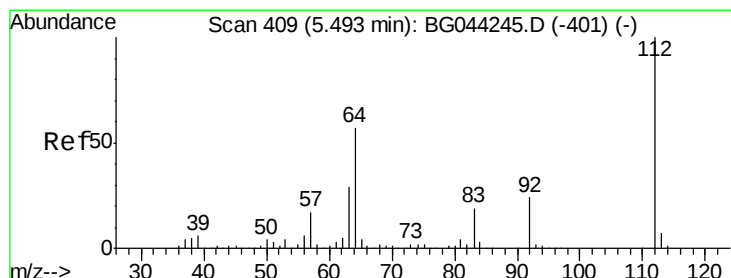
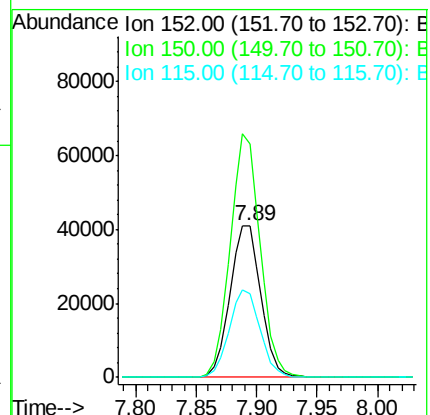
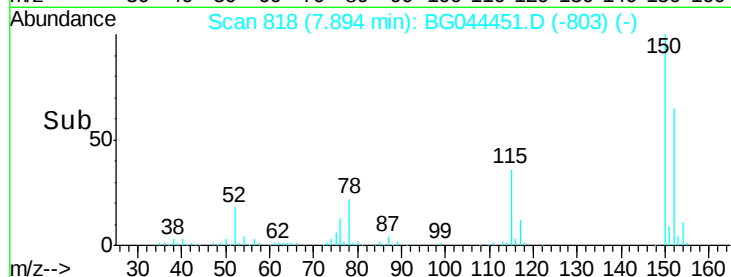
115 54.6 46.0 69.0



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: 106.22 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044451.D

Acq: 17 Feb 2020 17:41

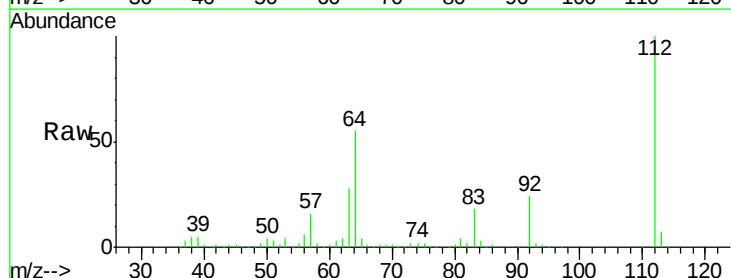
Tgt Ion:112 Resp: 437131

Ion Ratio Lower Upper

112 100

64 55.2 45.4 68.2

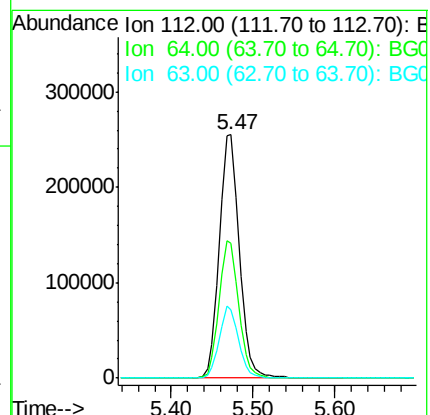
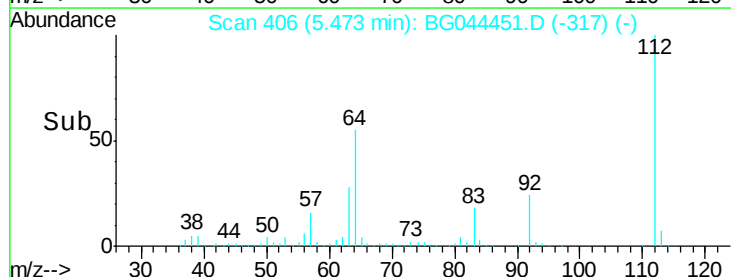
63 28.1 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.12 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044451.D

Acq: 17 Feb 2020 17:41

Instrument :

BNA_G

ClientSampleId :

2-5-1

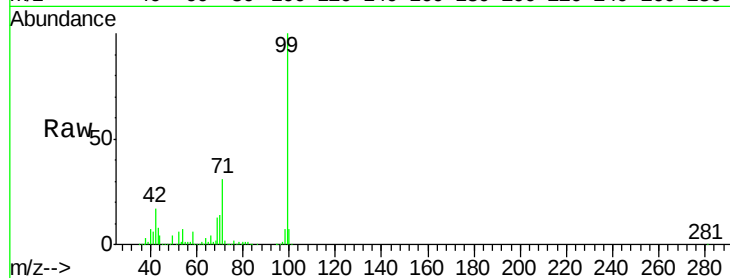
Tgt Ion: 99 Resp: 569873

Ion Ratio Lower Upper

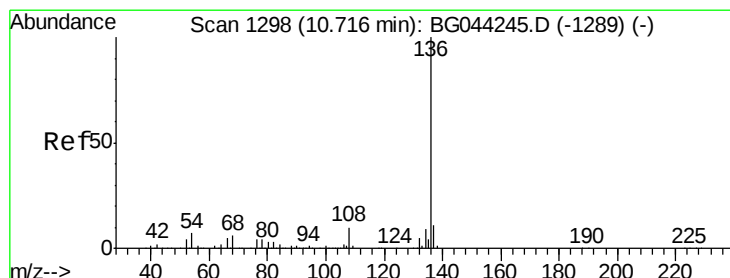
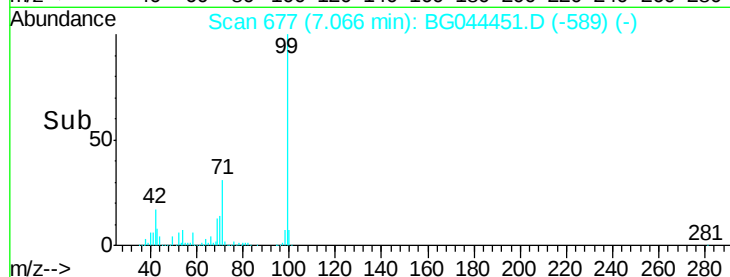
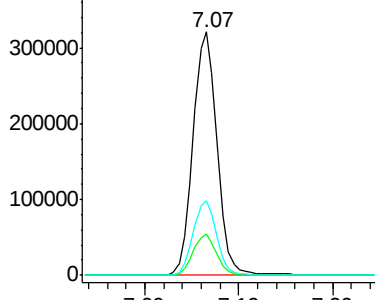
99 100

42 16.8 13.8 20.6

71 30.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044451.D

Acq: 17 Feb 2020 17:41

Tgt Ion: 136 Resp: 281785

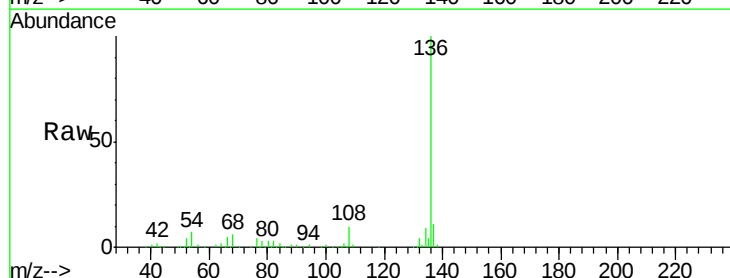
Ion Ratio Lower Upper

136 100

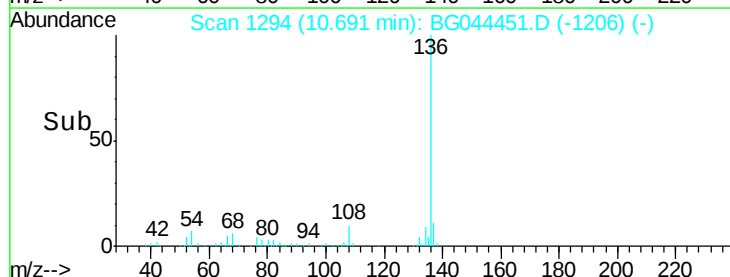
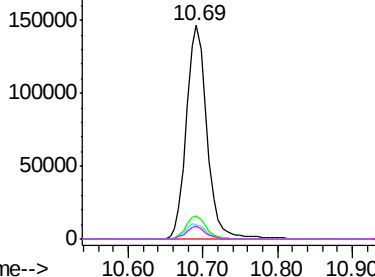
137 11.0 8.8 13.2

54 6.7 5.8 8.8

68 5.7 4.6 6.8



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

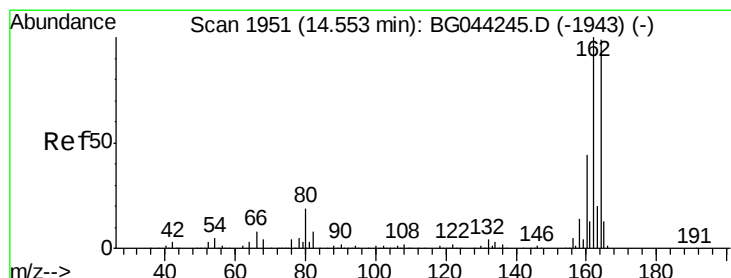
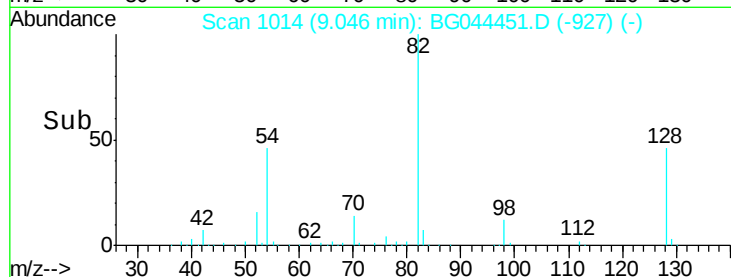
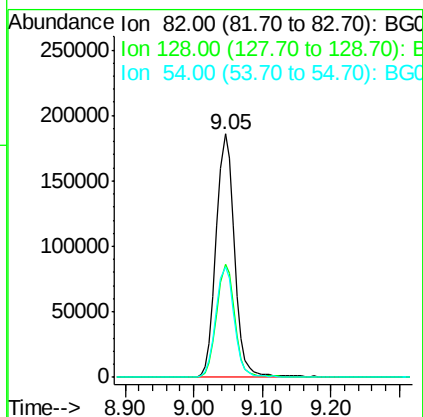
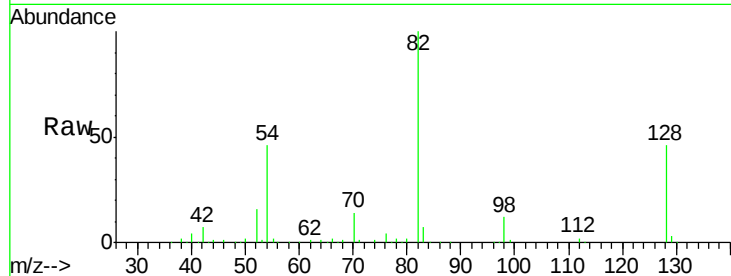




#23
 Nitrobenzene-d5
 Concen: 69.54 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044451.D
 Acq: 17 Feb 2020 17:41

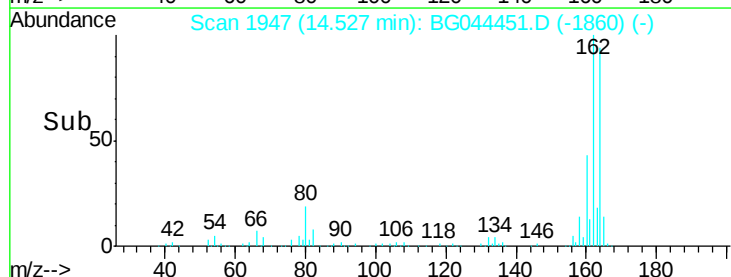
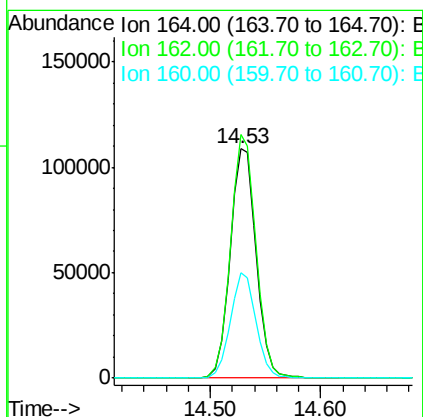
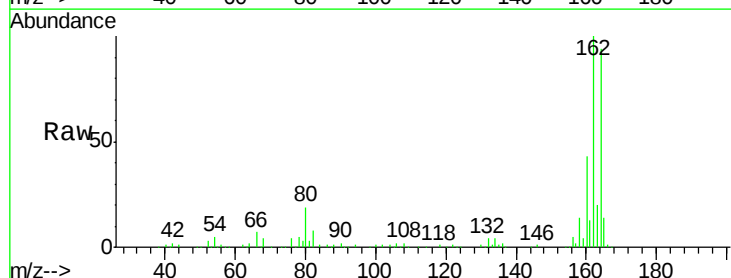
Instrument :
 BNA_G
 ClientSampleId :
 2-5-1

Tgt Ion: 82 Resp: 347094
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.5 54.7
 54 45.5 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG044451.D
 Acq: 17 Feb 2020 17:41

Tgt Ion: 164 Resp: 179295
 Ion Ratio Lower Upper
 164 100
 162 106.4 80.7 121.1
 160 46.2 35.3 52.9

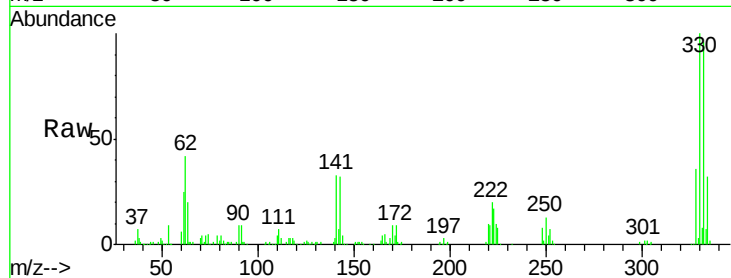




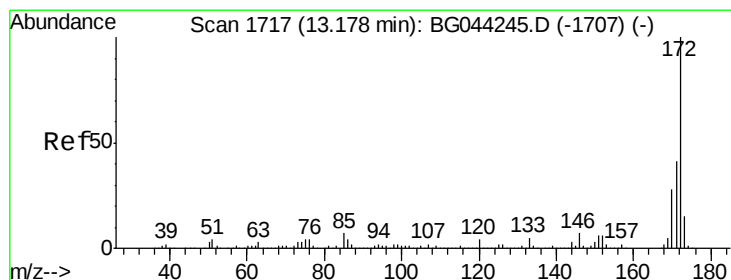
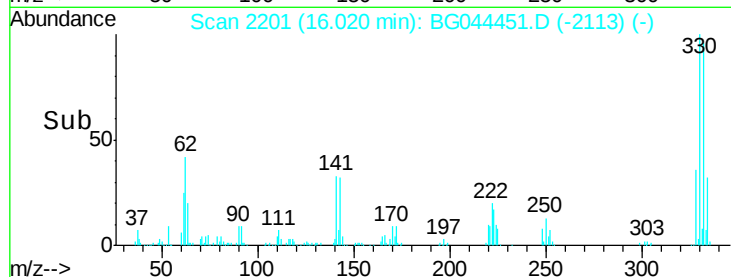
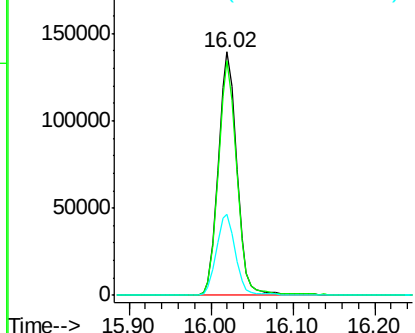
#42
 2,4,6-Tribromophenol
 Concen: 105.90 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG044451.D
 Acq: 17 Feb 2020 17:41

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1

Tgt Ion:330 Resp: 222899
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 34.3 28.3 42.5

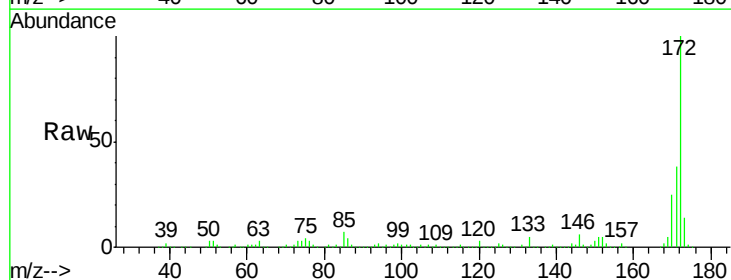


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

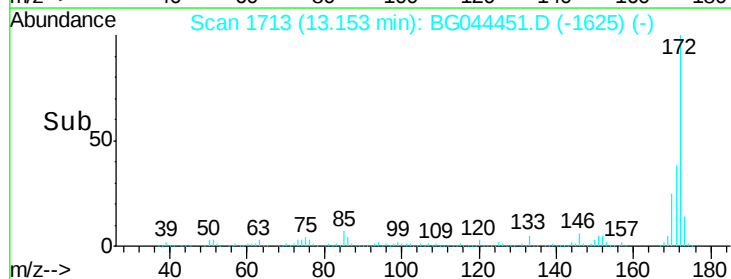
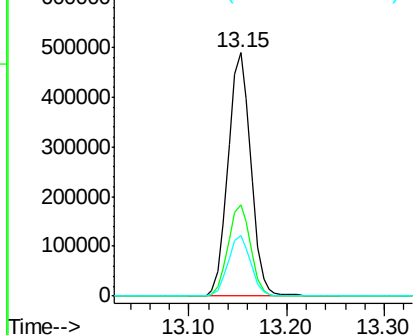


#45
 2-Fluorobiphenyl
 Concen: 73.98 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044451.D
 Acq: 17 Feb 2020 17:41

Tgt Ion:172 Resp: 792073
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.9 49.3
 170 24.9 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: 2.41 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044451.D

Acq: 17 Feb 2020 17:41

Instrument :

BNA_G

ClientSampleId :

2-5-1

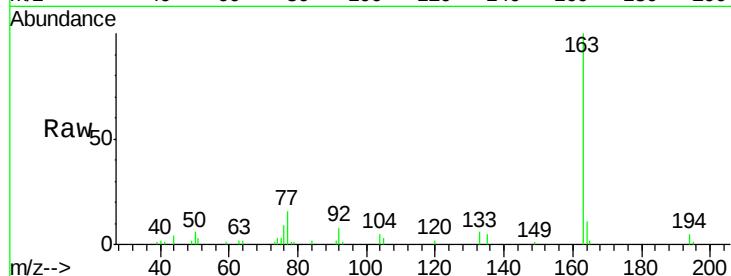
Tgt Ion:163 Resp: 31003

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

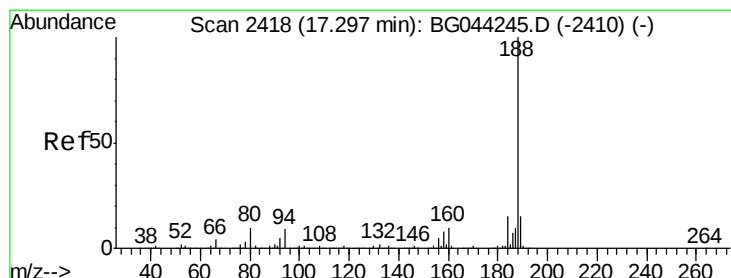
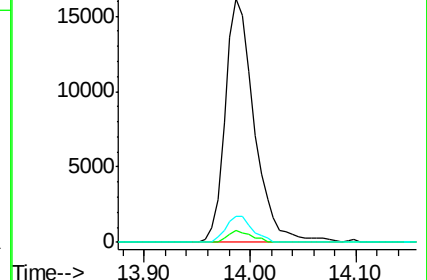
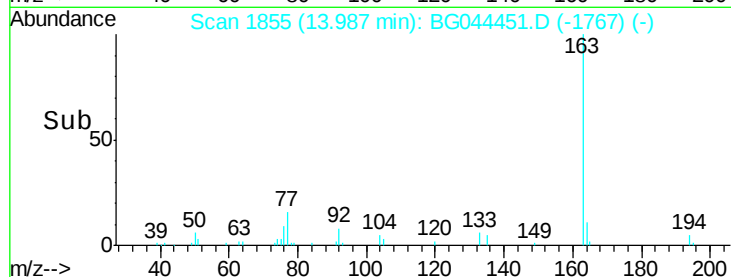
164 10.9 8.7 13.1



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: 20.00 ng

RT: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044451.D

Acq: 17 Feb 2020 17:41

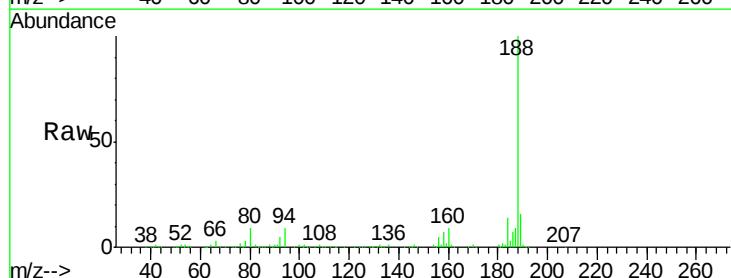
Tgt Ion:188 Resp: 408366

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

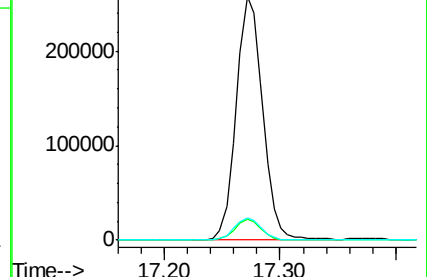
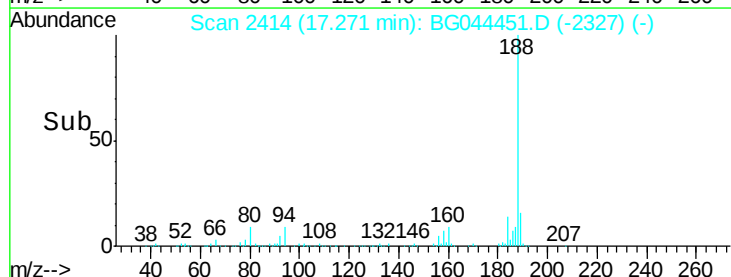
80 9.3 7.7 11.5



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

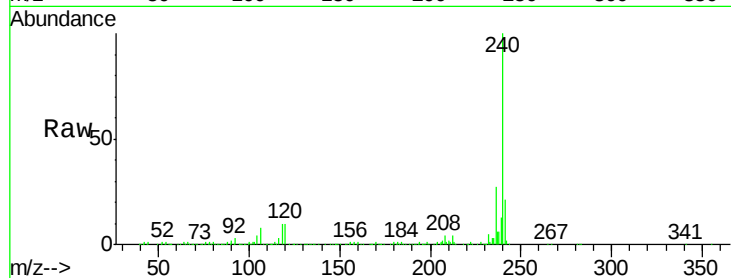




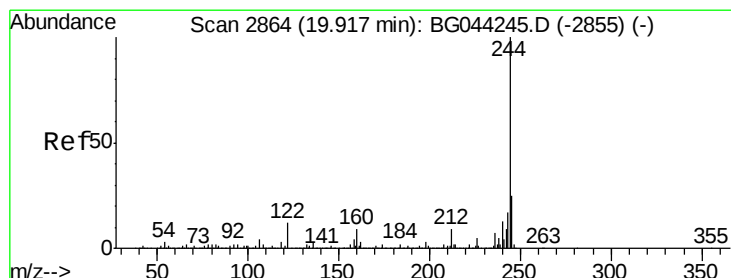
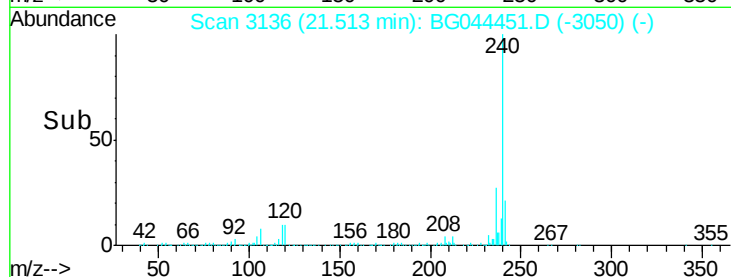
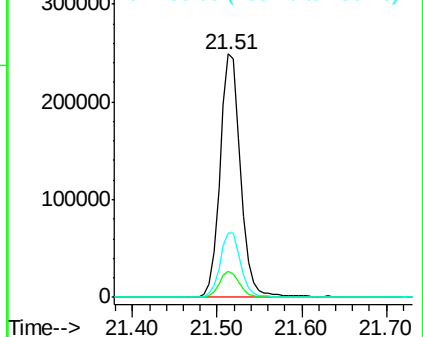
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG044451.D
Acq: 17 Feb 2020 17:41

Instrument :
BNA_G
ClientSampleId :
2-5-1

Tgt Ion:240 Resp: 422692
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.6 22.1 33.1

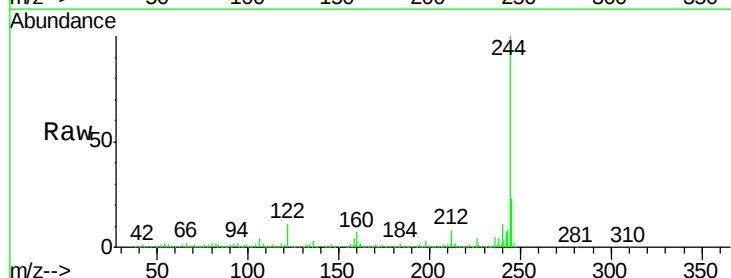


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

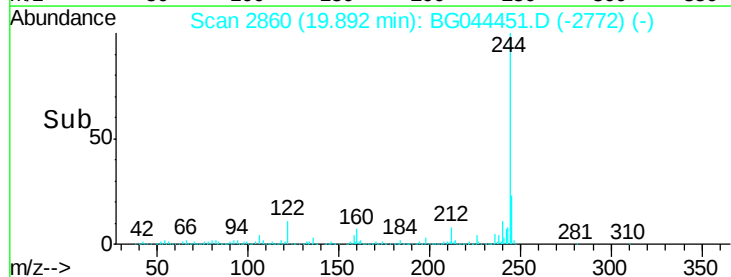
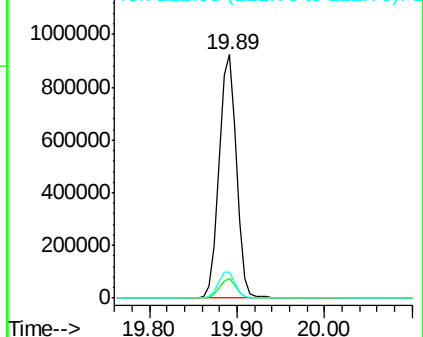


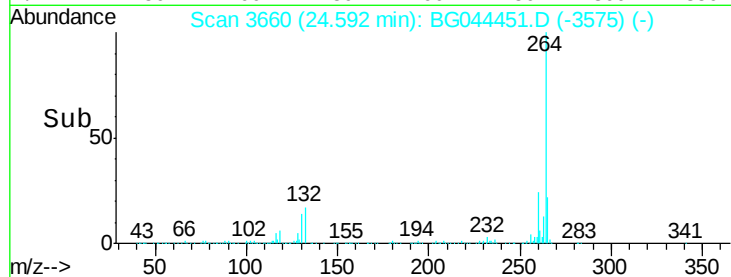
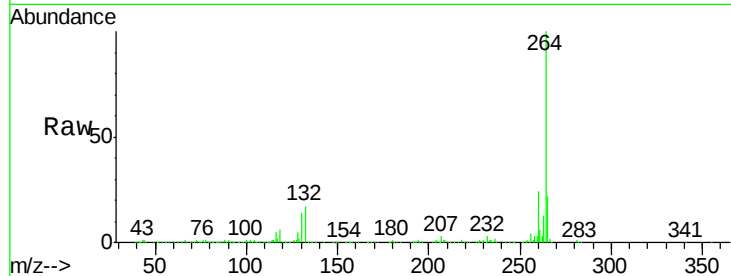
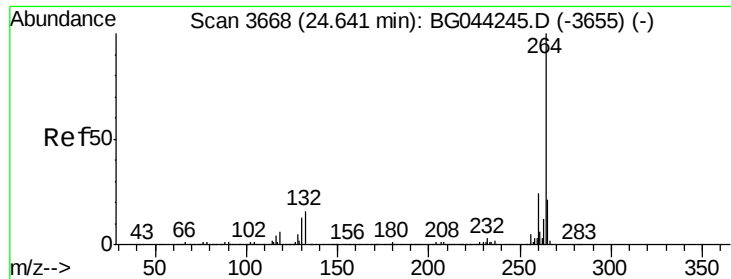
#79
Terphenyl-d14
Concen: 62.19 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044451.D
Acq: 17 Feb 2020 17:41

Tgt Ion:244 Resp: 1277925
Ion Ratio Lower Upper
244 100
212 8.0 7.4 11.2
122 10.8 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

Perylene-d12

Concen: 20.00 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.03 min

Lab File: BG044451.D

Acq: 17 Feb 2020 17:41

Instrument :

BNA_G

ClientSampleId :

2-5-1

Tgt Ion: 264 Resp: 450734

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.5 16.7 25.1

