

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044427.D
 Acq On : 13 Feb 2020 21:17
 Operator : CG/JU
 Sample : L1505-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1

Quant Time: Feb 14 03:22:03 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

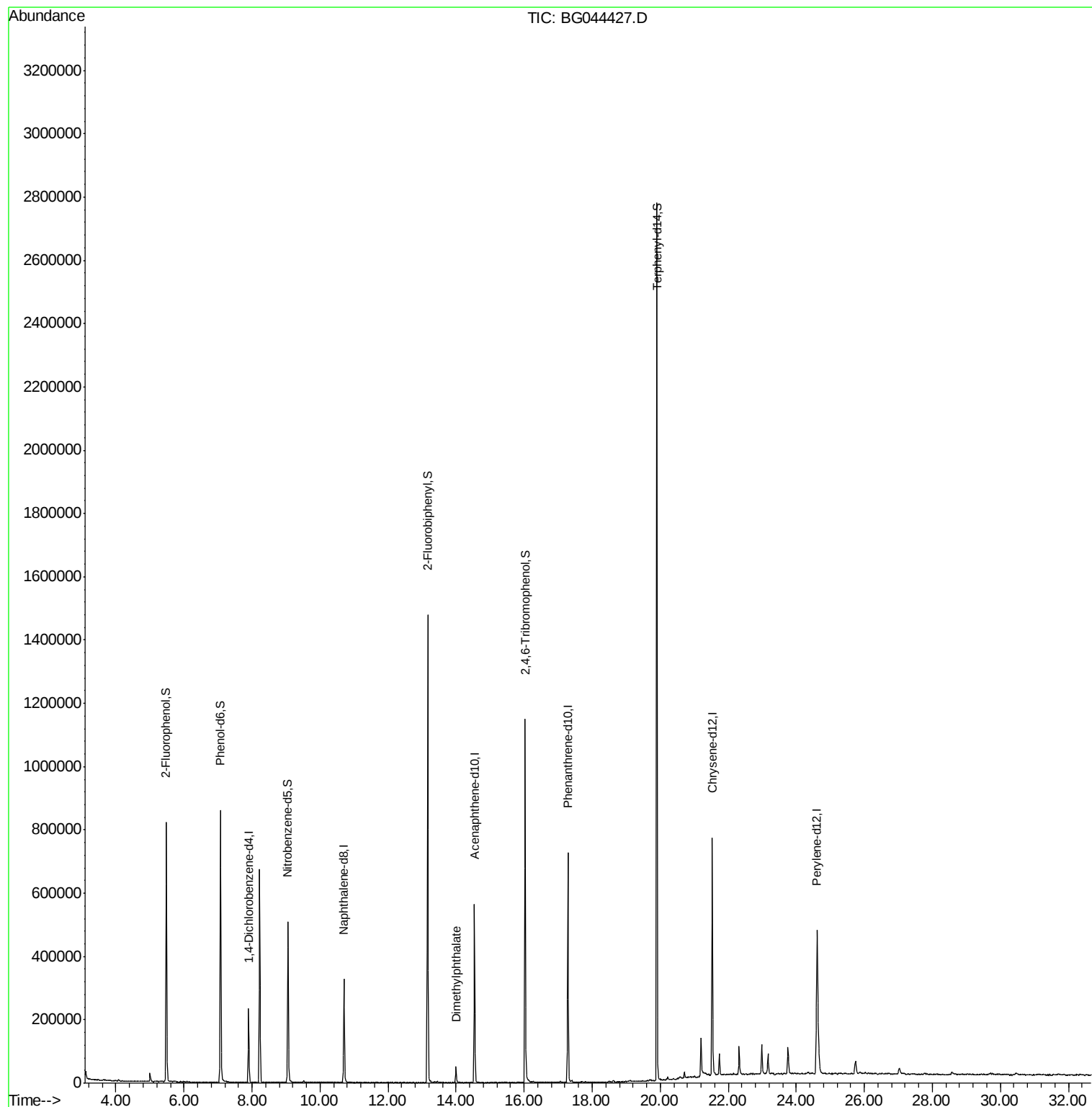
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	72670	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	311746	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	215638	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	485230	20.00	ng	0.00
76) Chrysene-d12	21.53	240	474785	20.00	ng	0.00
87) Perylene-d12	24.61	264	485603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	414811	100.74	ng	0.00
7) Phenol-d6	7.08	99	567520	102.64	ng	0.00
23) Nitrobenzene-d5	9.06	82	339263	61.44	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	239301	94.53	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	838552	65.12	ng	0.00
79) Terphenyl-d14	19.90	244	1348316	58.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	43192	2.786	ng	Qvalue # 94

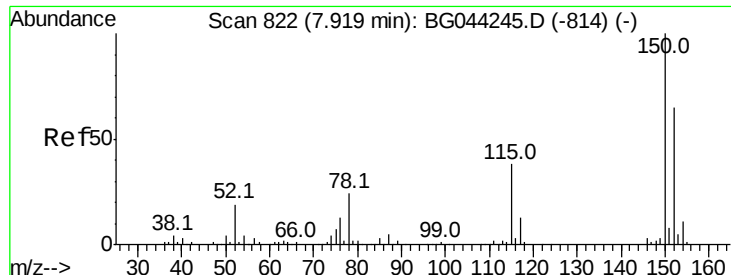
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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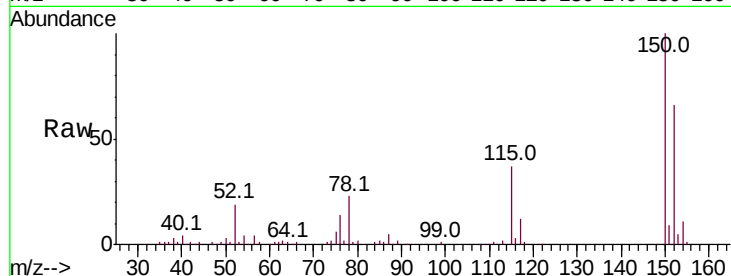


#1

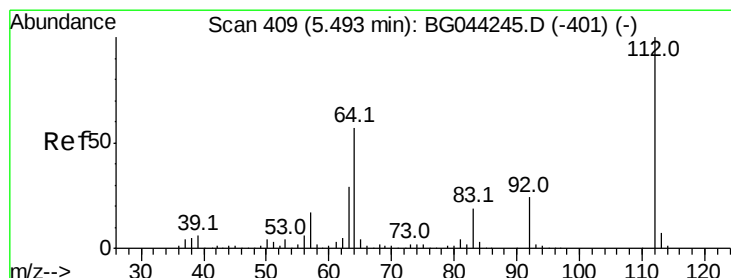
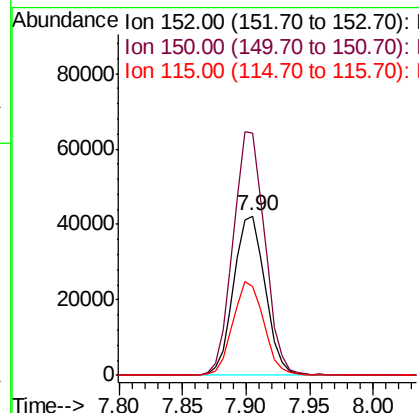
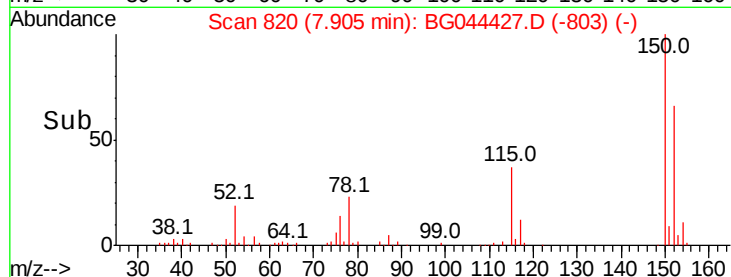
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044427.D
 Acq: 13 Feb 2020 21:17

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1

Tot Ion:152 Resp: 72670
 Ion Ratio Lower Upper
 152 100
 150 152.1 122.6 183.8
 115 55.6 46.0 69.0



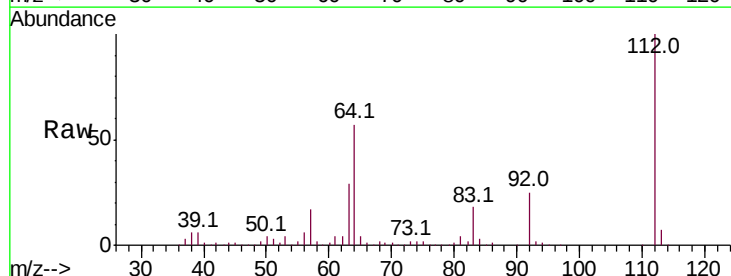
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



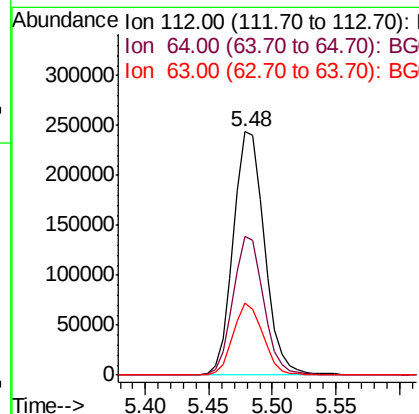
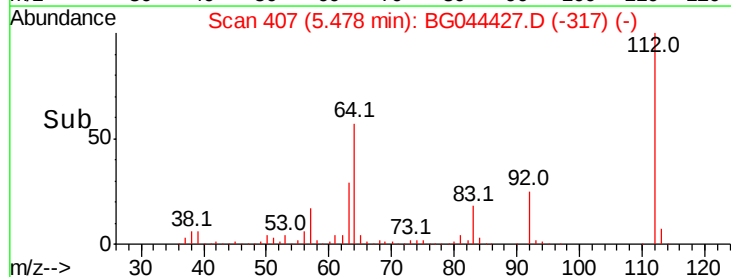
#5

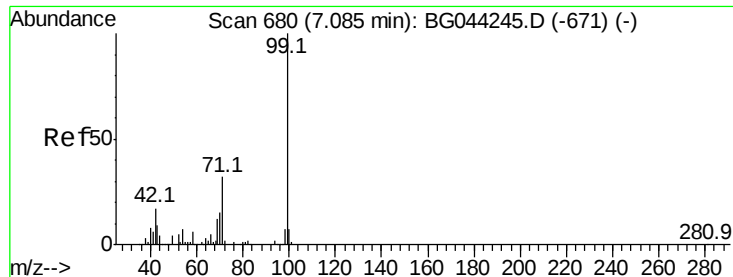
2-Fluorophenol
 Concen: 100.740 ng
 RT: 5.48 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BG044427.D
 Acq: 13 Feb 2020 21:17

Tgt Ion:112 Resp: 414811
 Ion Ratio Lower Upper
 112 100
 64 56.8 45.4 68.2
 63 29.5 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: 102.637 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG044427.D

Acq: 13 Feb 2020 21:17

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

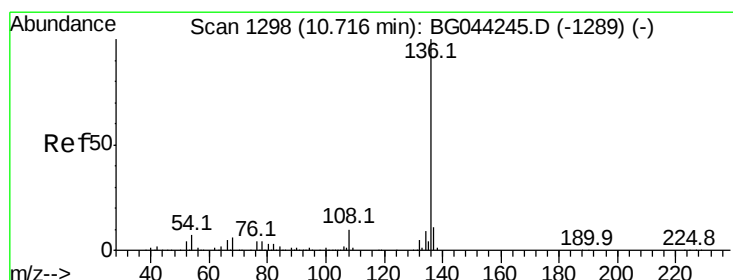
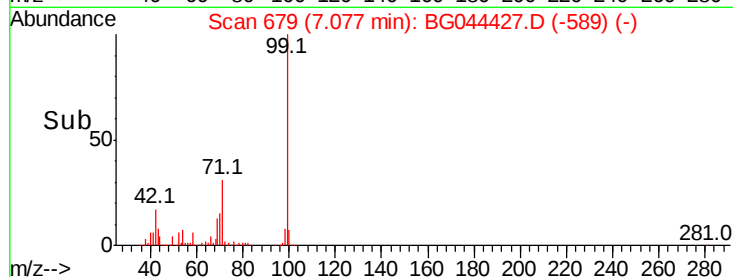
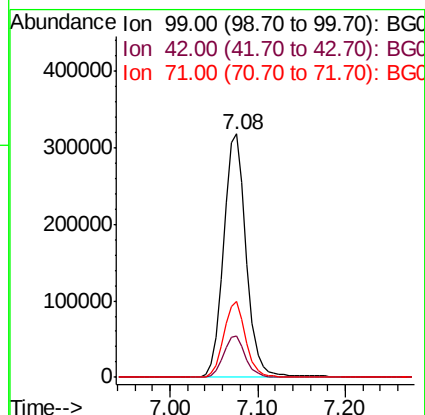
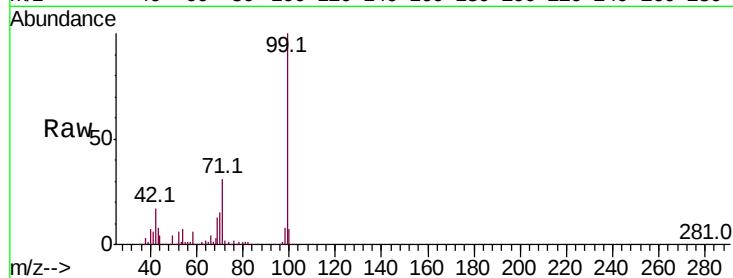
Tot Ion: 99 Resp: 567520

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: 10.70 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG044427.D

Acq: 13 Feb 2020 21:17

Tgt Ion: 136 Resp: 311746

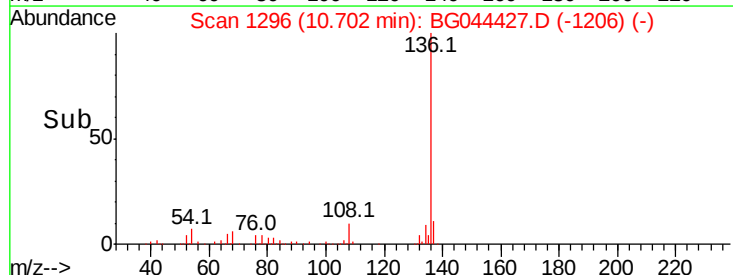
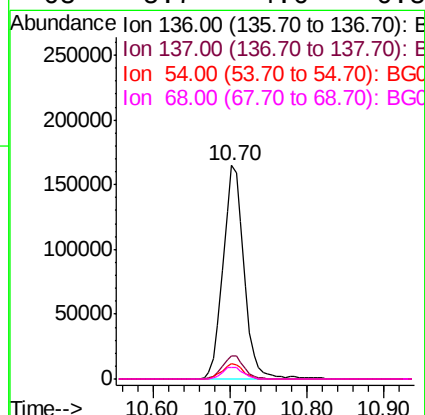
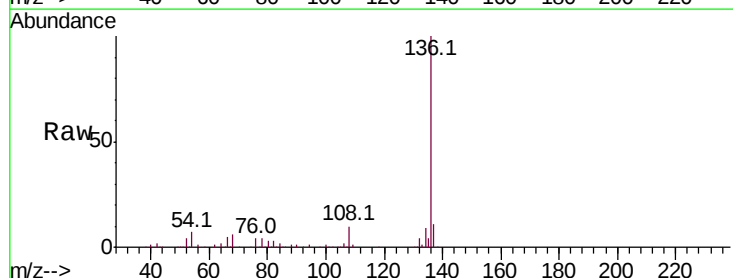
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.1 5.8 8.8

68 5.7 4.6 6.8

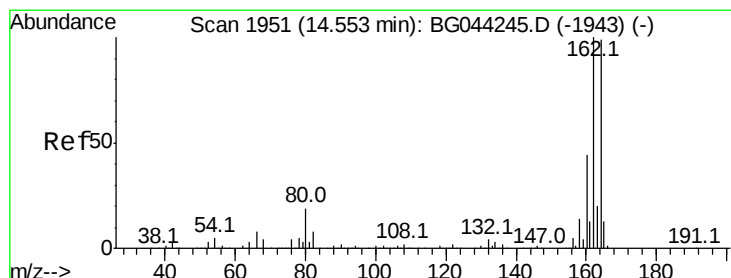
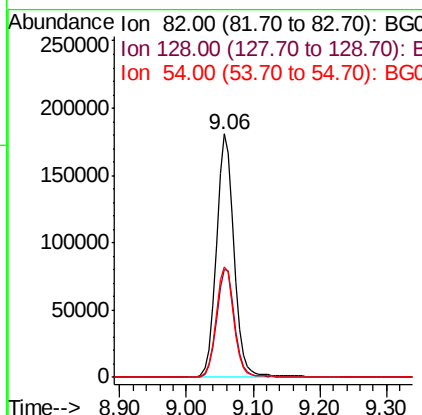
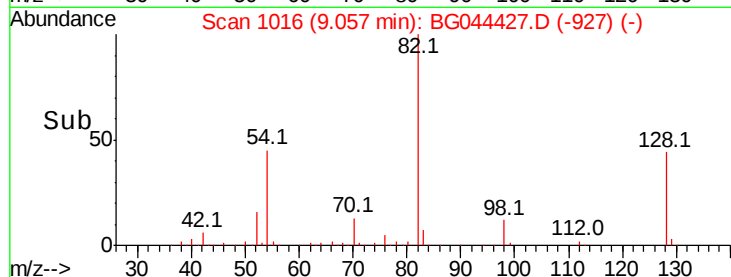
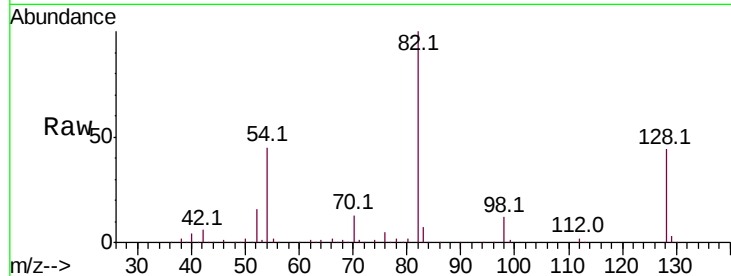




#23
 Nitrobenzene-d5
 Concen: 61.440 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044427.D
 Acq: 13 Feb 2020 21:17

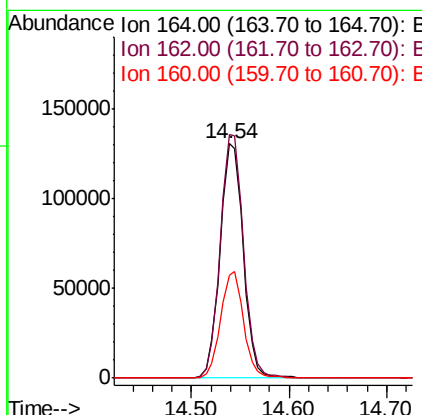
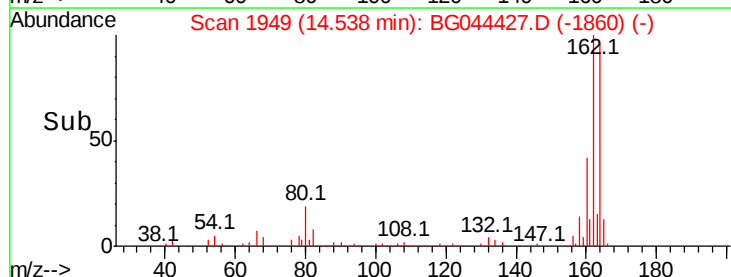
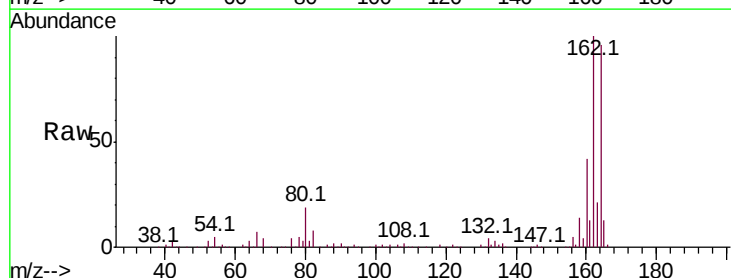
Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1

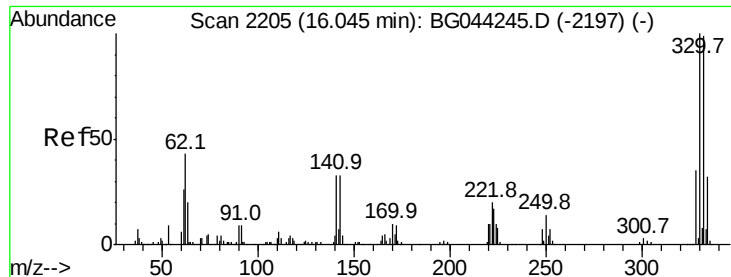
Tot Ion: 82 Resp: 339263
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.5 54.7
 54 45.3 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BG044427.D
 Acq: 13 Feb 2020 21:17

Tgt Ion:164 Resp: 215638
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.7 121.1
 160 43.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 94.531 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG044427.D

Acq: 13 Feb 2020 21:17

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

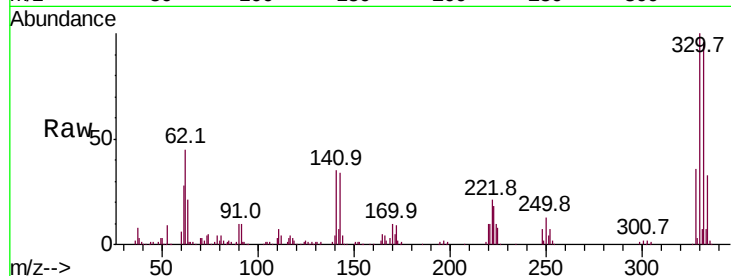
Tot Ion:330 Resp: 239301

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

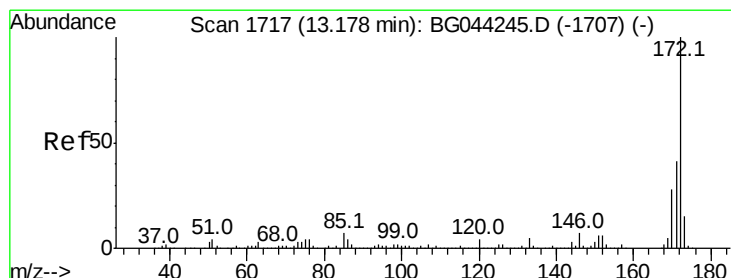
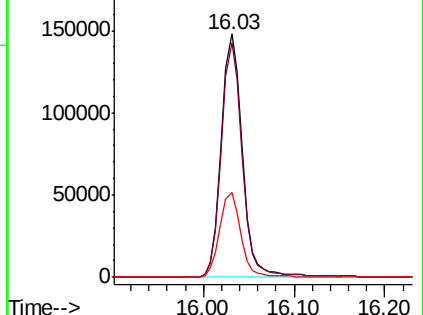
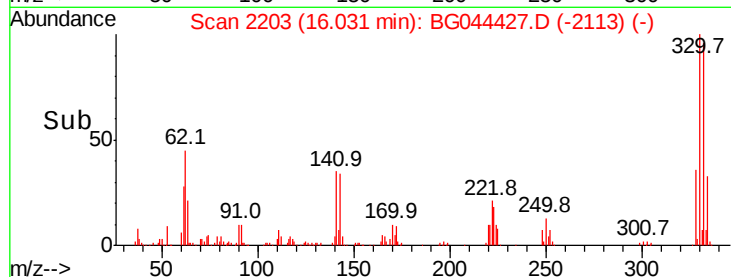
141 35.5 28.3 42.5



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: 65.118 ng

RT: 13.16 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG044427.D

Acq: 13 Feb 2020 21:17

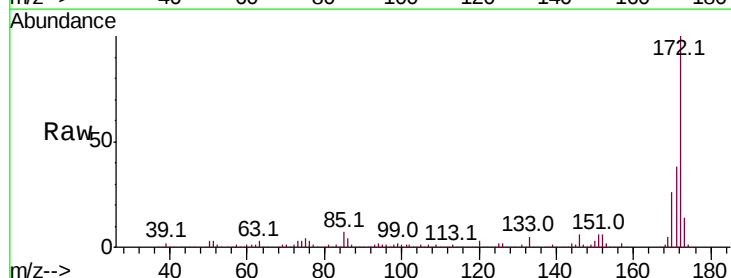
Tgt Ion:172 Resp: 838552

Ion Ratio Lower Upper

172 100

171 37.9 32.9 49.3

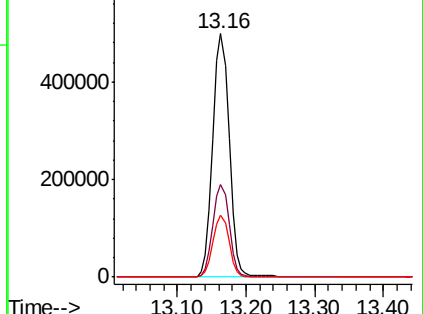
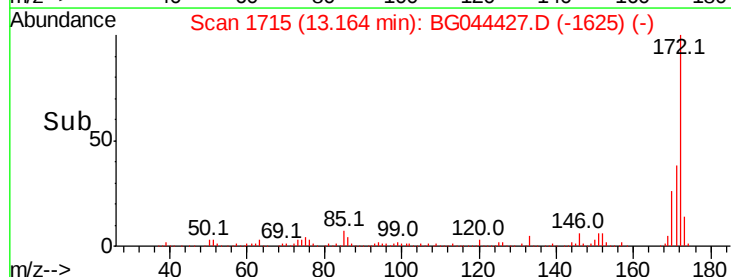
170 25.6 22.0 33.0

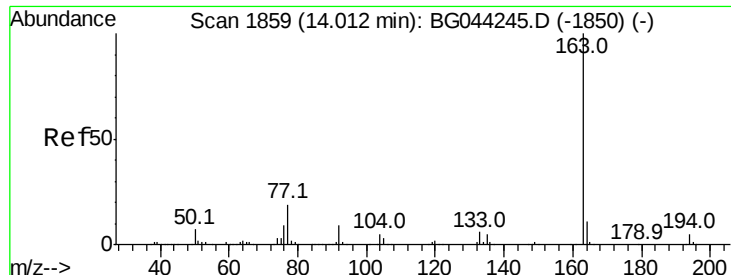


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.786 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BG044427.D

Acq: 13 Feb 2020 21:17

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

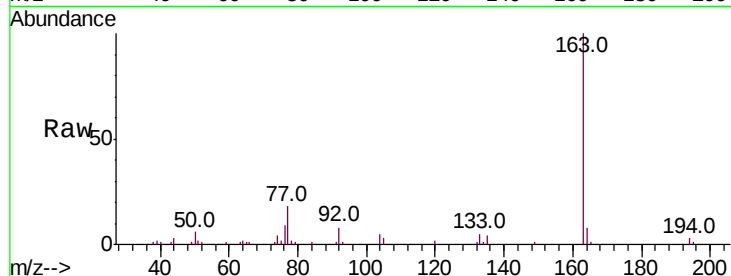
Tot Ion:163 Resp: 43192

Ion Ratio Lower Upper

163 100

194 3.4 3.6 5.4#

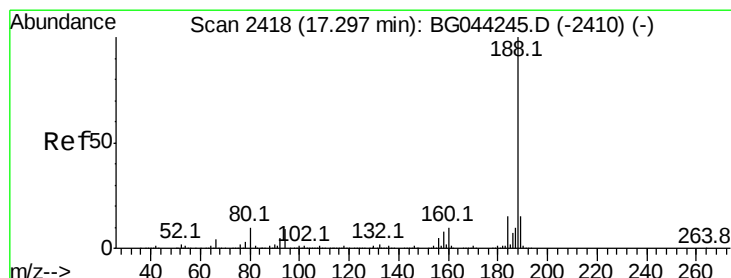
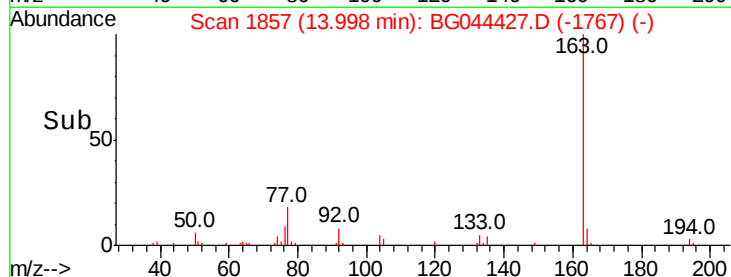
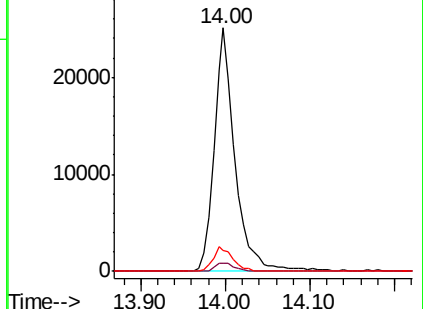
164 8.5 8.7 13.1#



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# 2417

Delta R.T. -0.00 min

Lab File: BG044427.D

Acq: 13 Feb 2020 21:17

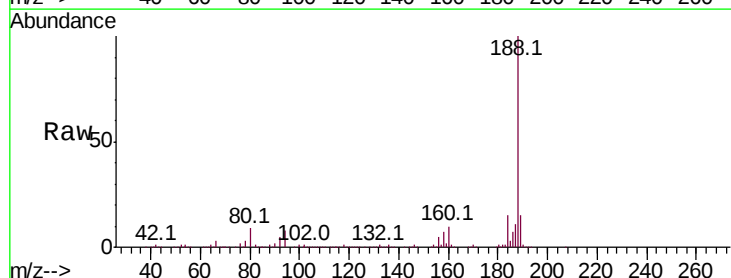
Tgt Ion:188 Resp: 485230

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

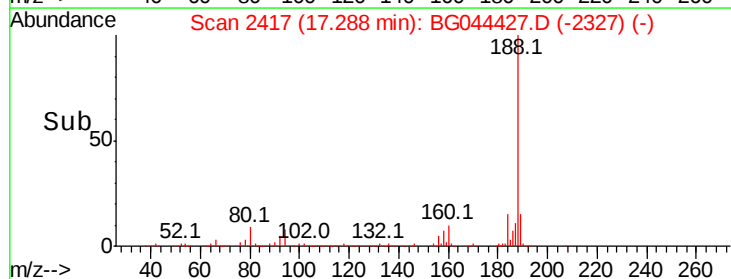
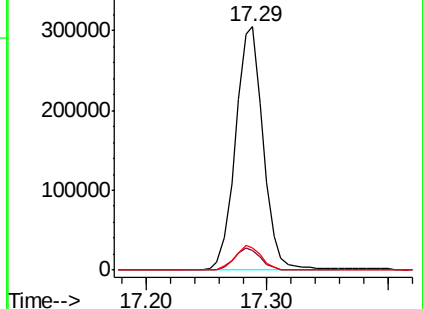
80 9.3 7.7 11.5

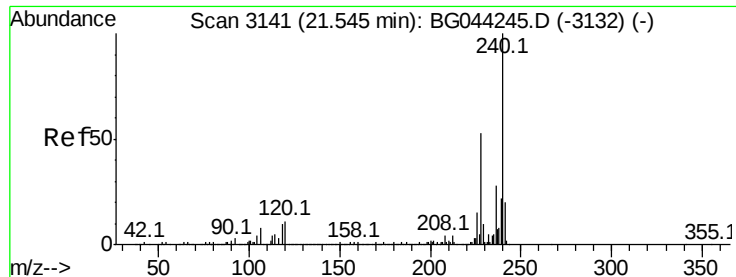


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044427.D

Acq: 13 Feb 2020 21:17

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

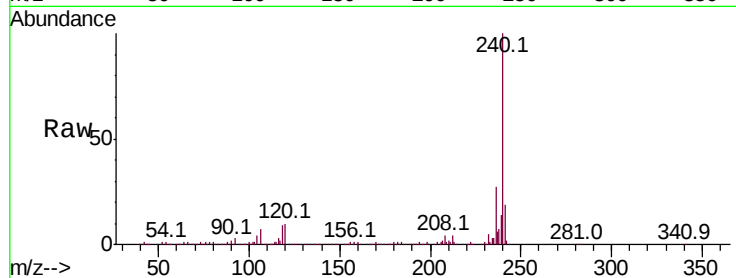
Tot Ion:240 Resp: 474785

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

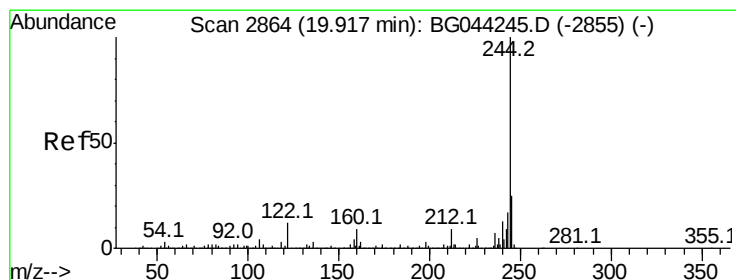
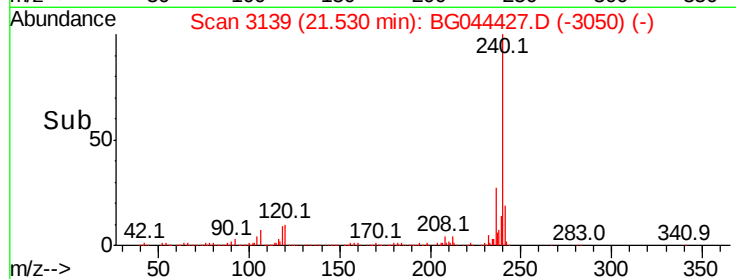
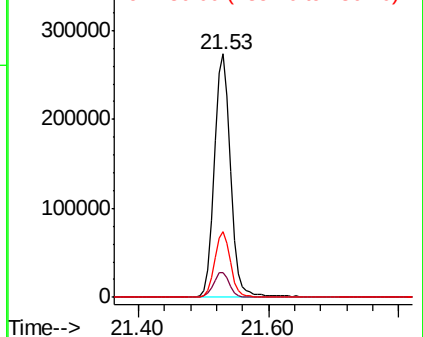
236 26.8 22.1 33.1



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: 58.412 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG044427.D

Acq: 13 Feb 2020 21:17

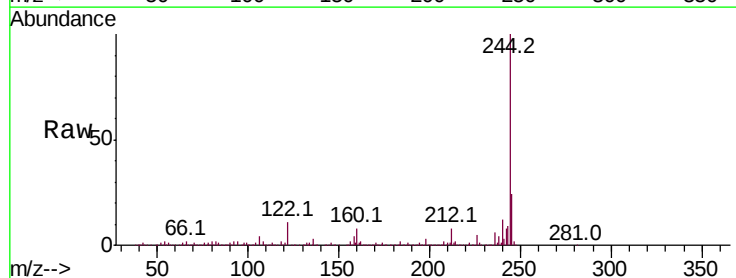
Tgt Ion:244 Resp: 1348316

Ion Ratio Lower Upper

244 100

212 8.0 7.4 11.2

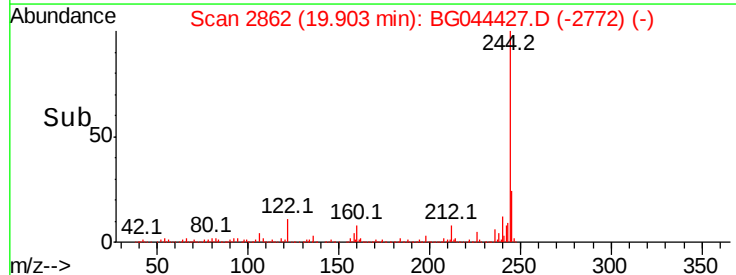
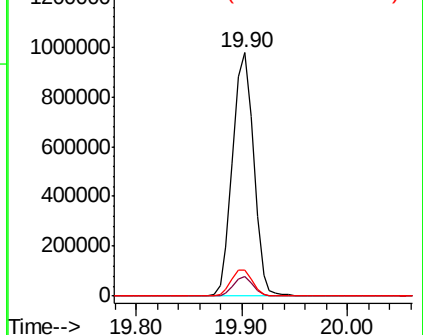
122 10.9 9.8 14.6

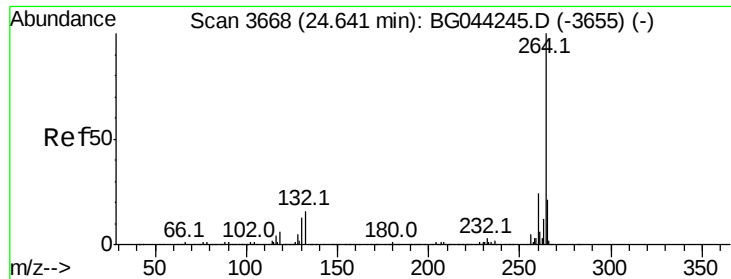


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3664
Delta R.T. -0.01 min
Lab File: BG044427.D
Acq: 13 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.6	16.7	25.1

