

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114438.D
 Acq On : 20 May 2019 14:58
 Operator : JU/SJ
 Sample : K2894-03RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 16:07:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

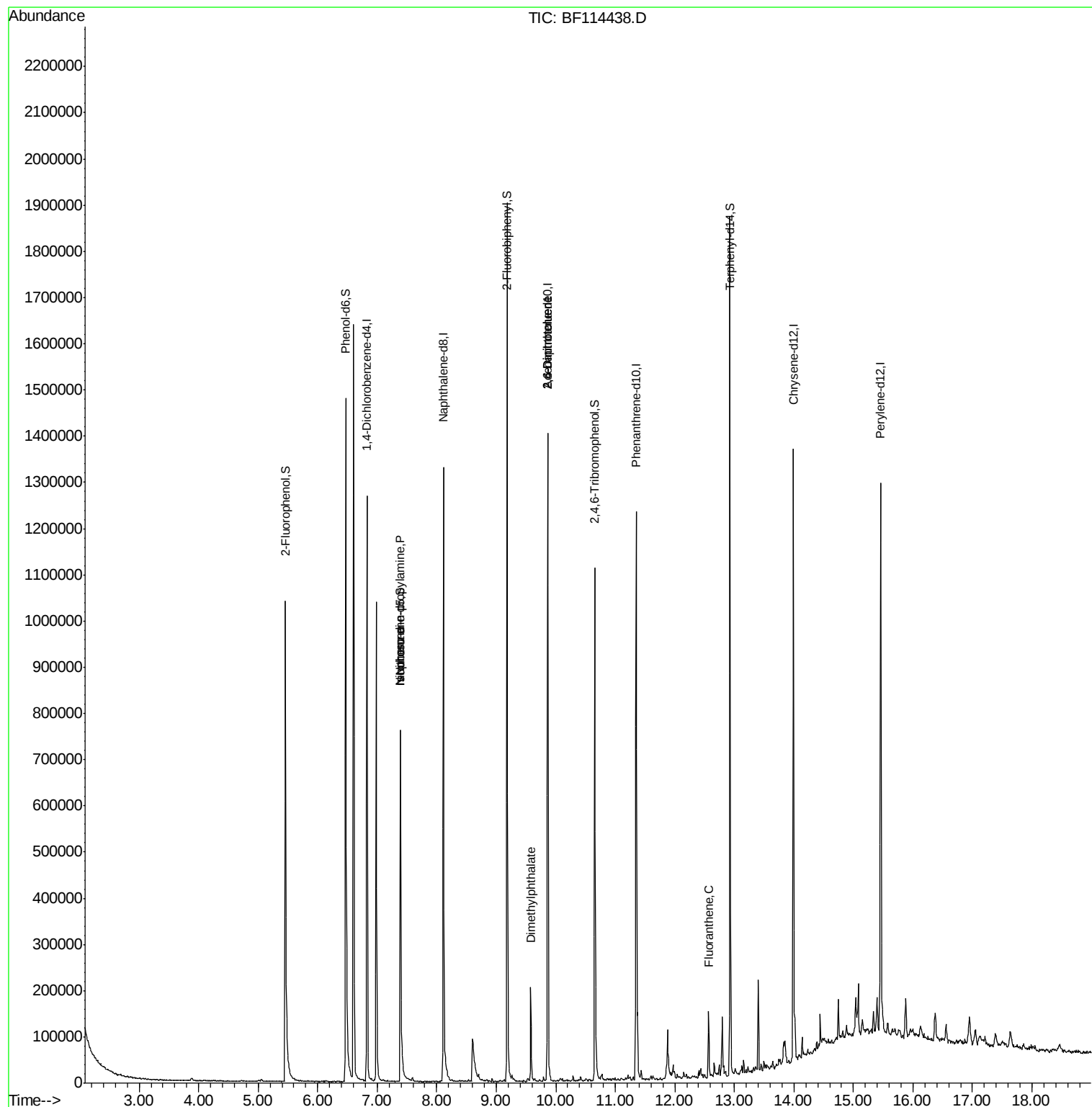
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	180532	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	688804	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	283631	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	471477	20.00	ng	0.00
76) Chrysene-d12	13.99	240	416185	20.00	ng	-0.01
87) Perylene-d12	15.46	264	552375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	364615	32.50	ng	-0.01
7) Phenol-d6	6.47	99	610844	46.04	ng	-0.02
23) Nitrobenzene-d5	7.39	82	327072	26.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	154528	52.70	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	676843	36.10	ng	0.00
79) Terphenyl-d14	12.93	244	623742	30.89	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	40444	4.809	ng	# 77
25) Isophorone	7.39	82	327070	14.369	ng	# 64
50) Dimethylphthalate	9.58	163	92662	4.450	ng	99
51) 2,6-Dinitrotoluene	9.86	165	36601	7.926	ng	# 22
57) 2,4-Dinitrotoluene	9.86	165	36601	5.839	ng	# 25
75) Fluoranthene	12.57	202	54642	2.212	ng	98

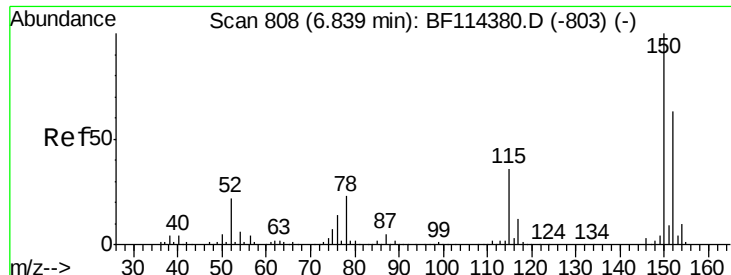
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 16:07:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

Instrument :

BNA_F

ClientSampleId :

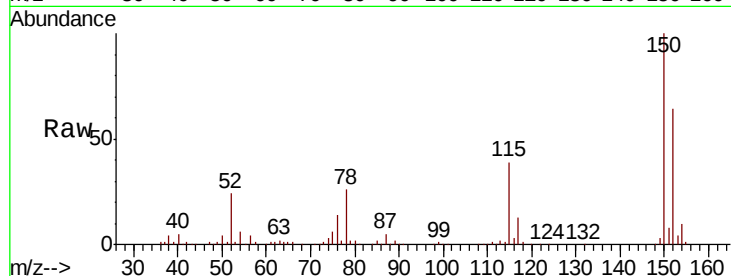
Tot Ion:152 Resp: 180532

Ion Ratio Lower Upper

152 100

150 157.2 124.3 186.5

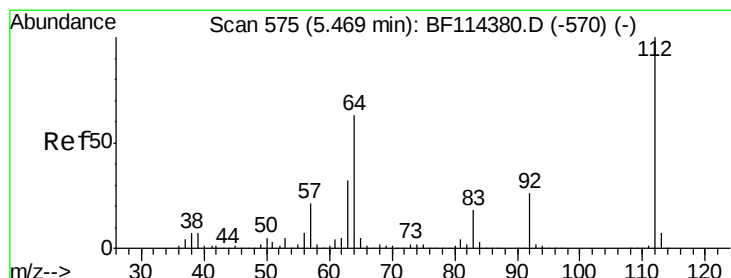
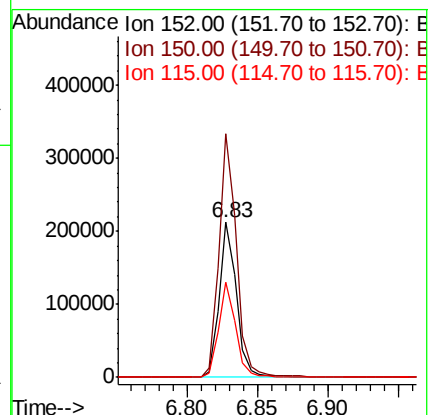
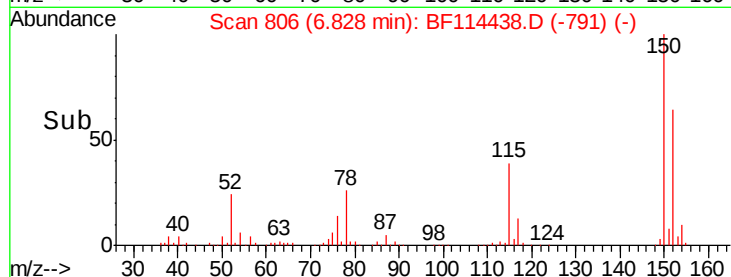
115 61.5 49.1 73.7



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: 32.502 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

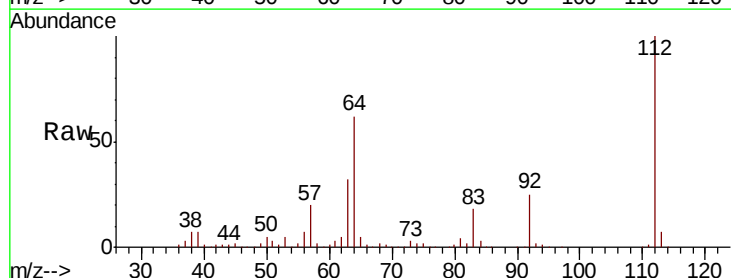
Tgt Ion:112 Resp: 364615

Ion Ratio Lower Upper

112 100

64 62.0 49.0 73.6

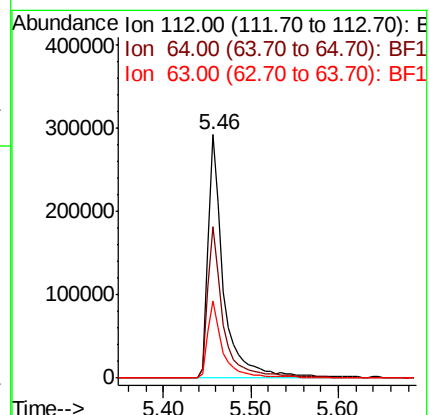
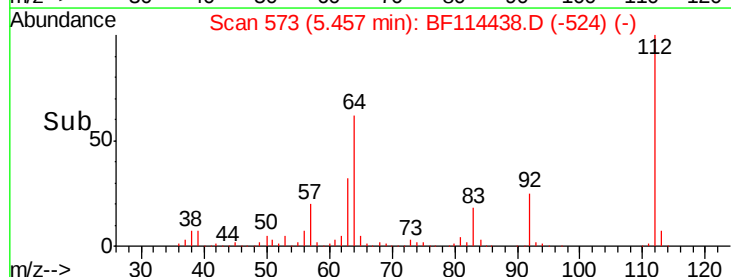
63 31.9 24.6 37.0

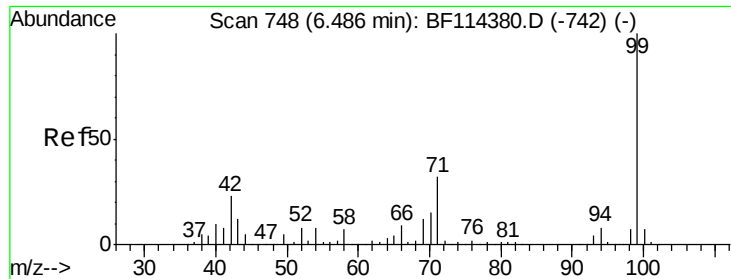


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 46.038 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

Instrument :

BNA_F

ClientSampleId :

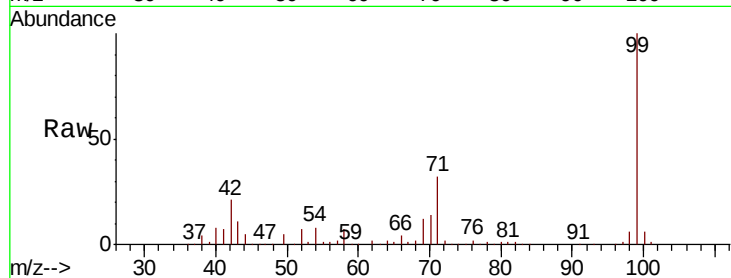
Tot Ion: 99 Resp: 610844

Ion Ratio Lower Upper

99 100

42 21.5 17.9 26.9

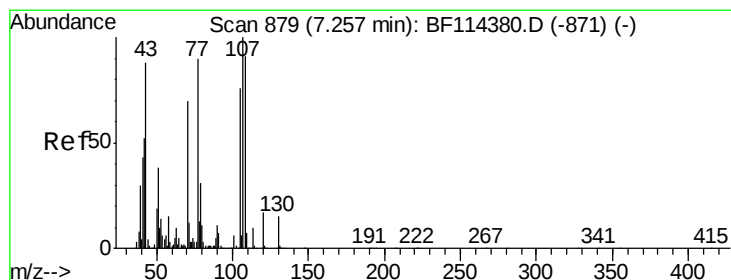
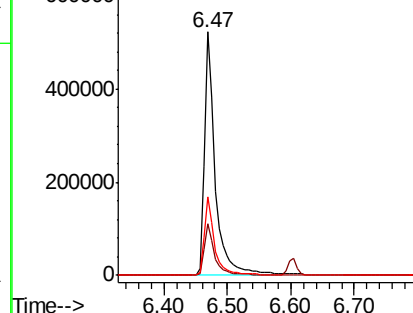
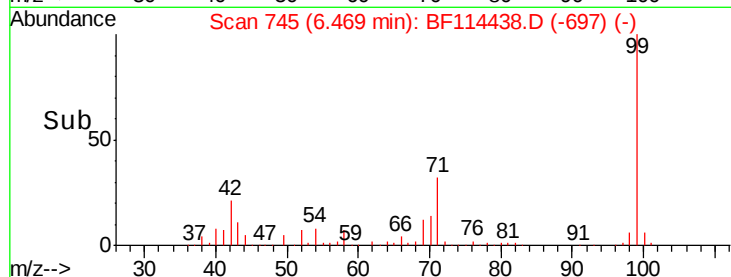
71 32.1 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 4.809 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.13 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

Tgt Ion: 70 Resp: 40444

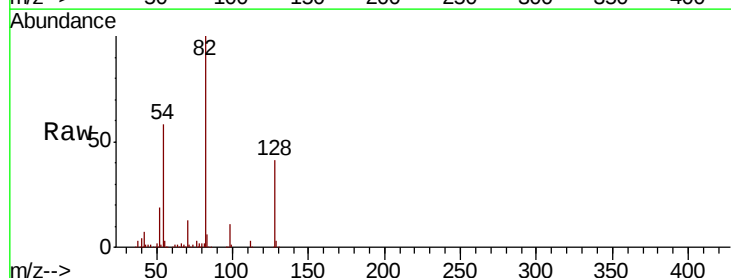
Ion Ratio Lower Upper

70 100

42 58.6 58.6 87.8

101 0.0 7.8 11.8#

130 1.6 17.1 25.7#

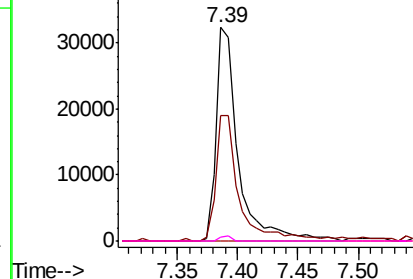
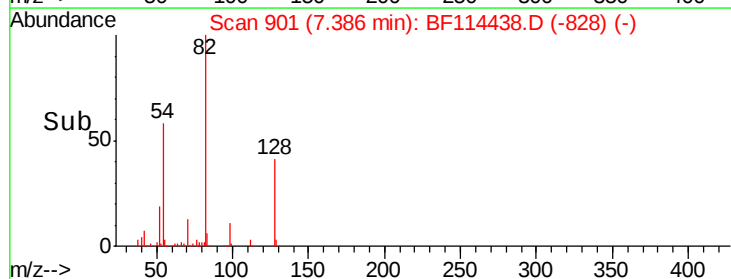


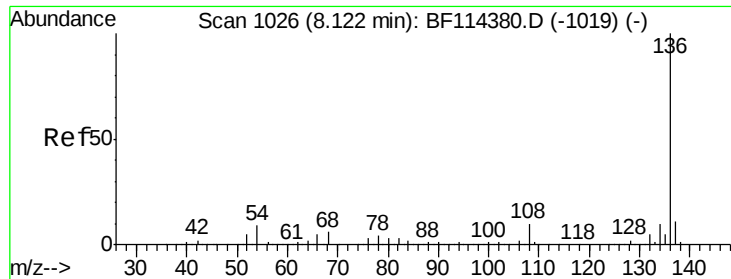
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

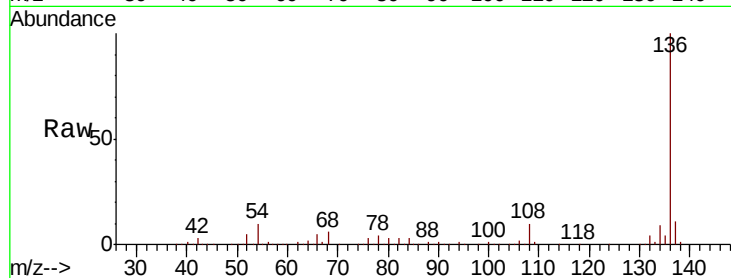




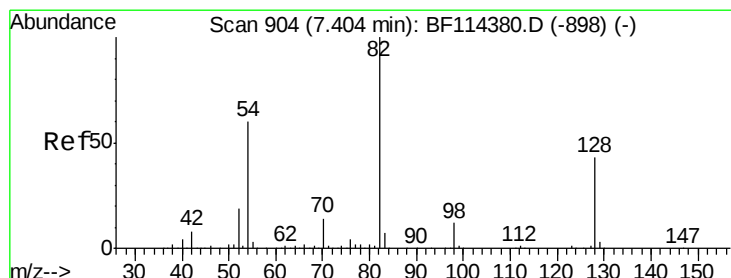
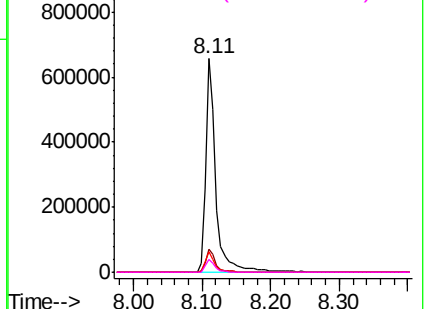
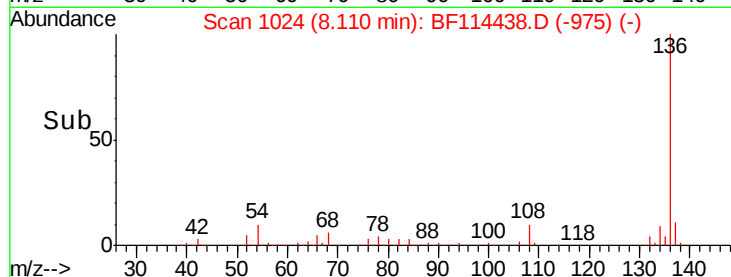
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114438.D
Acq: 20 May 2019 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	688804
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	9.6	7.8 11.8
68	6.2	5.1 7.7

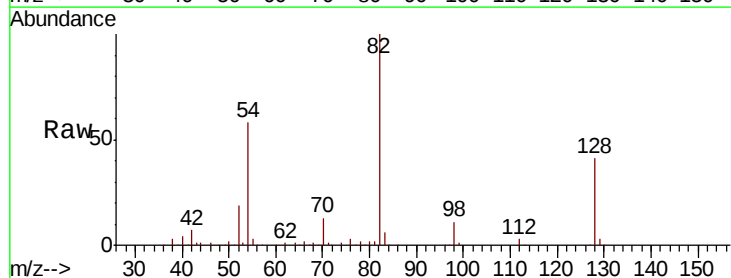


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

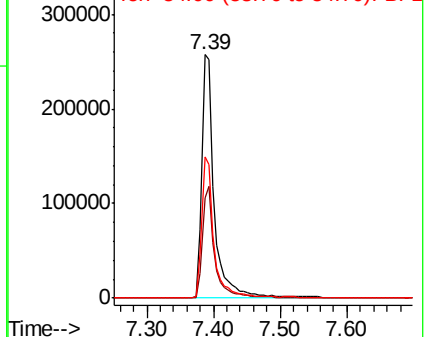
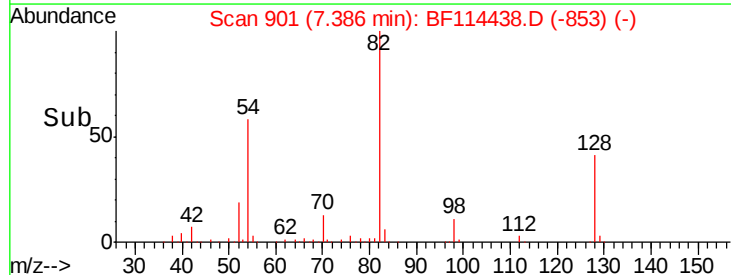


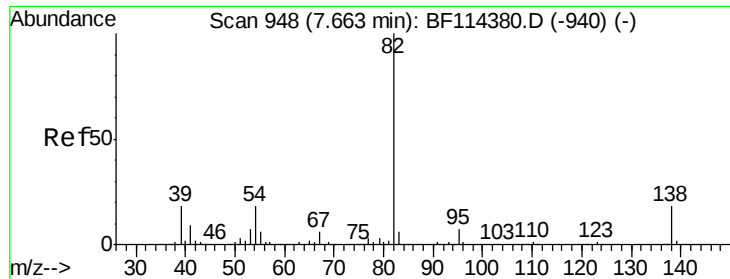
#23
Nitrobenzene-d5
Concen: 26.648 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114438.D
Acq: 20 May 2019 14:58

Tgt Ion: 82	Resp:	327072
Ion	Ratio	Lower Upper
82	100	
128	41.4	35.5 53.3
54	58.1	48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 14.369 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.28 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

Instrument :

BNA_F

ClientSampleId :

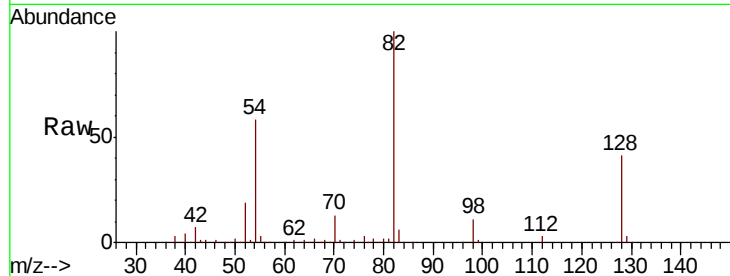
Tot Ion: 82 Resp: 327070

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

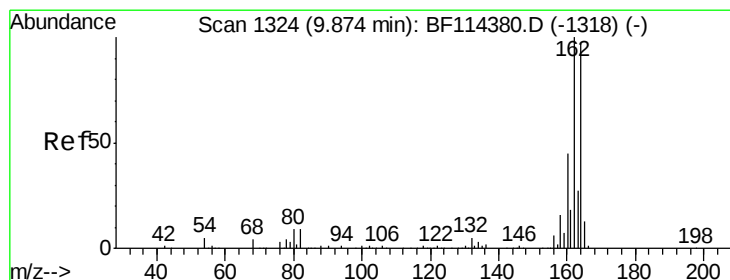
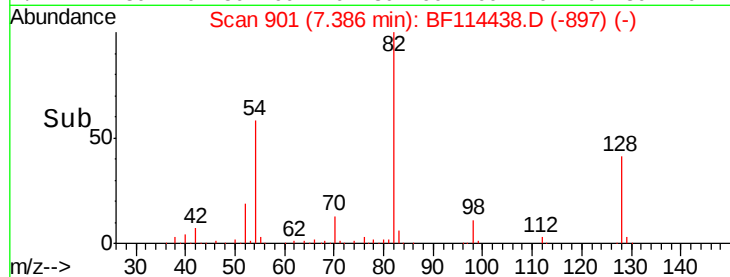
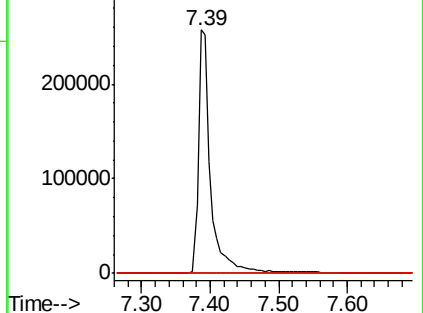
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

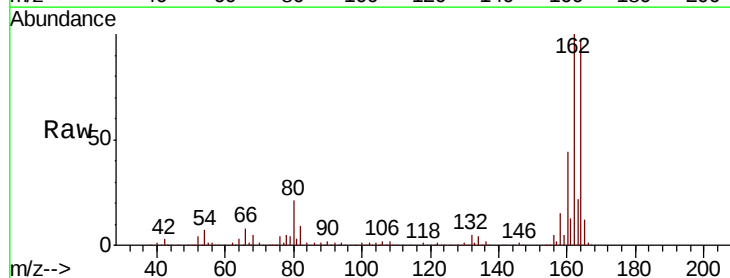
Tgt Ion: 164 Resp: 283631

Ion Ratio Lower Upper

164 100

162 102.9 80.6 120.8

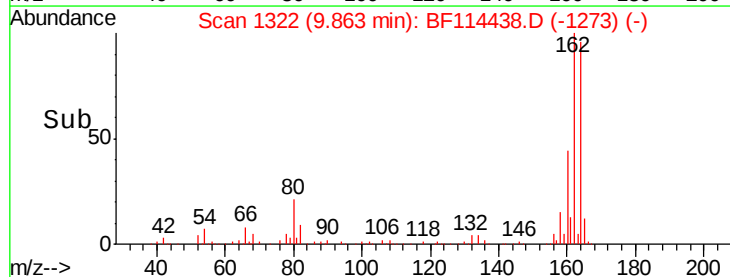
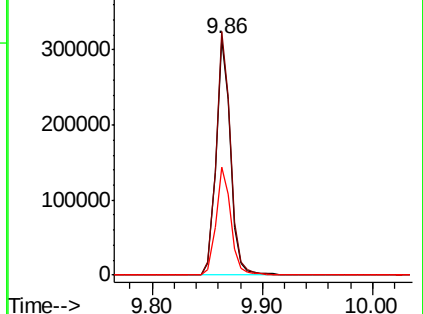
160 45.5 36.5 54.7

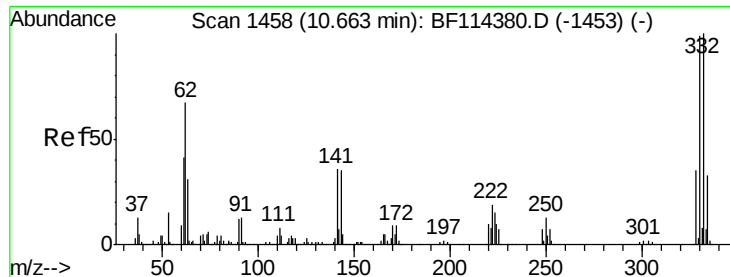


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 52.699 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

Instrument :

BNA_F

ClientSampleId :

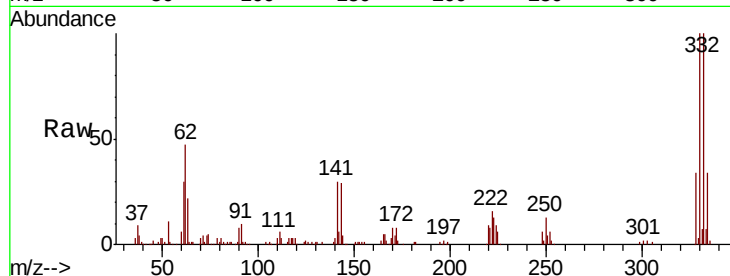
Tot Ion:330 Resp: 154528

Ion Ratio Lower Upper

330 100

332 100.7 81.4 122.2

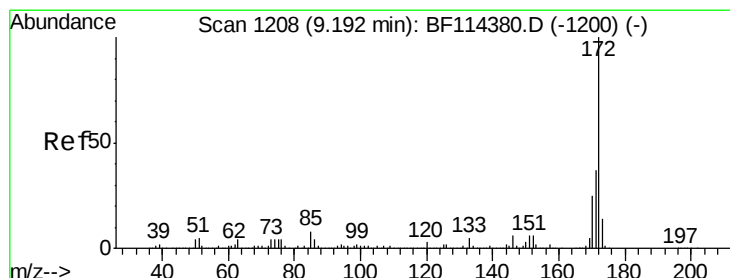
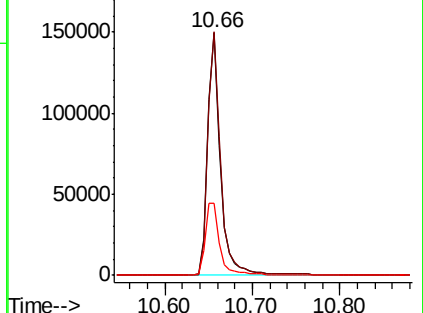
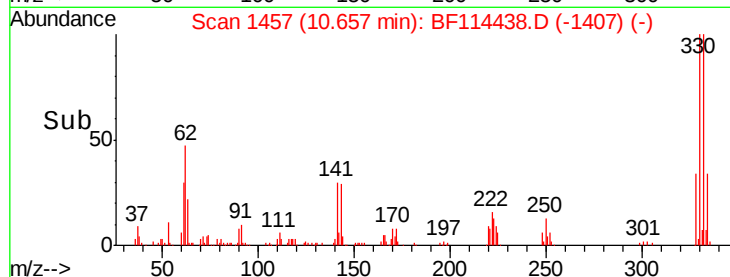
141 33.4 26.6 40.0



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: 36.098 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

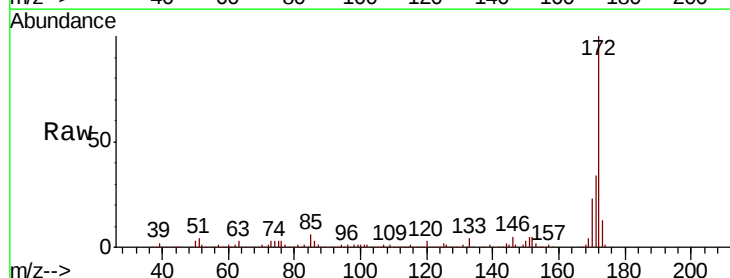
Tgt Ion:172 Resp: 676843

Ion Ratio Lower Upper

172 100

171 34.3 30.7 46.1

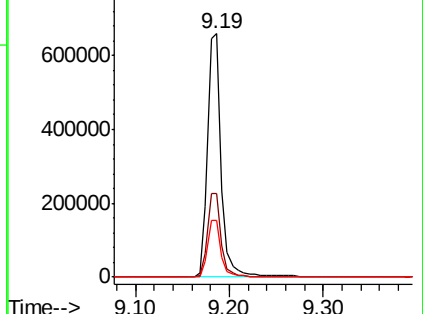
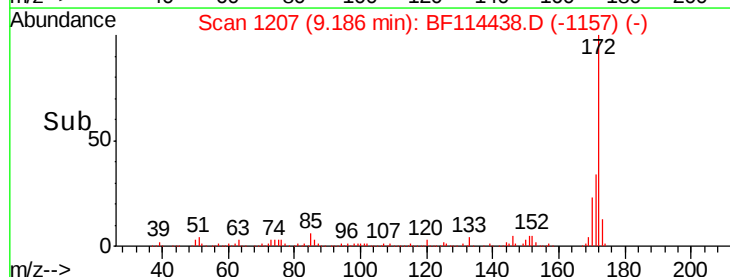
170 23.4 20.5 30.7

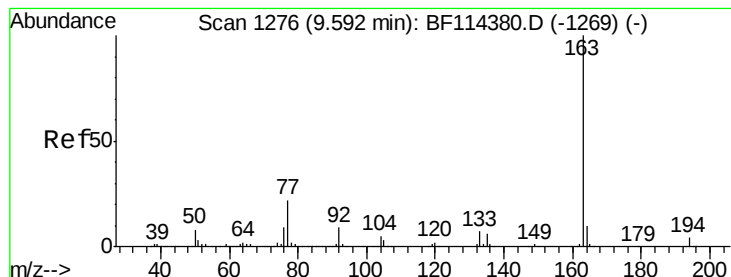


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.450 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

Instrument :

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ClientSampleId :

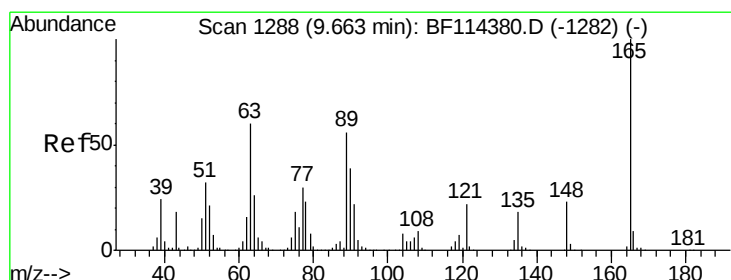
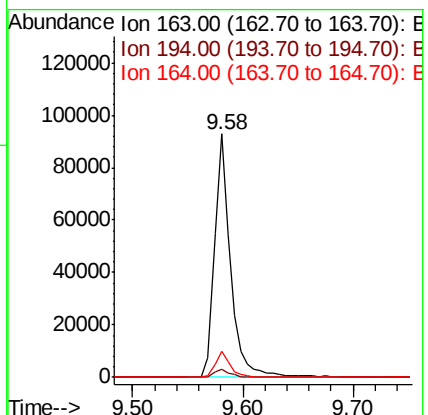
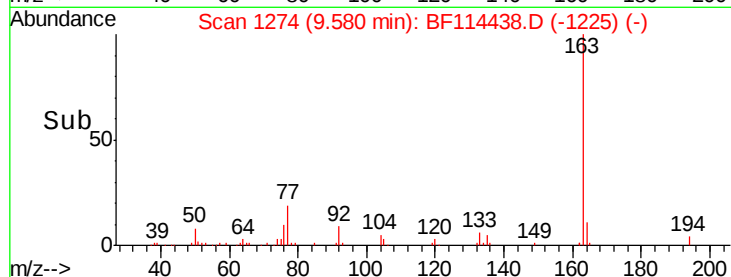
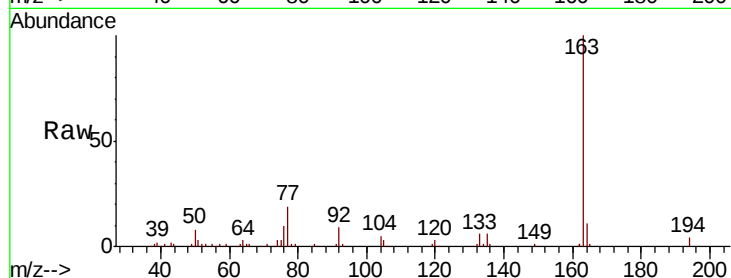
Tot Ion:163 Resp: 92662

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.0

164 10.6 8.2 12.2



#51

2,6-Dinitrotoluene

Concen: 7.926 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.20 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

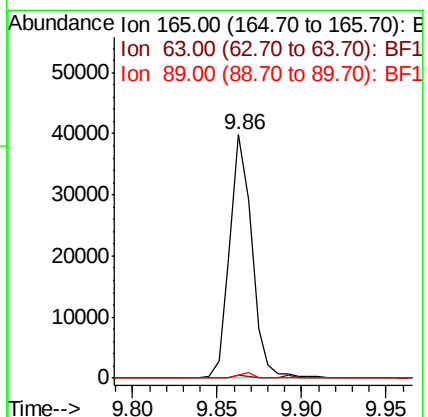
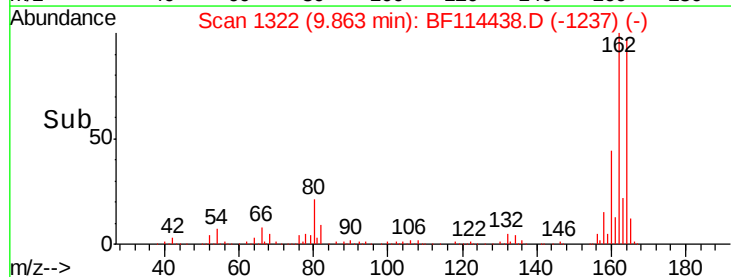
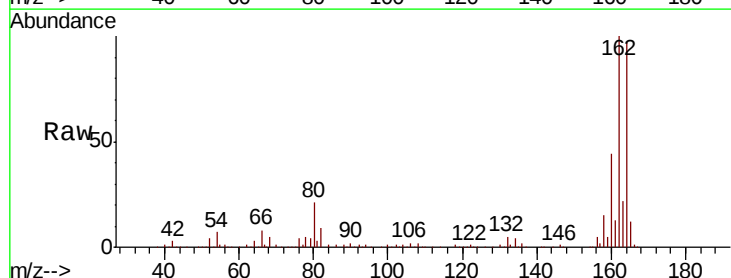
Tgt Ion:165 Resp: 36601

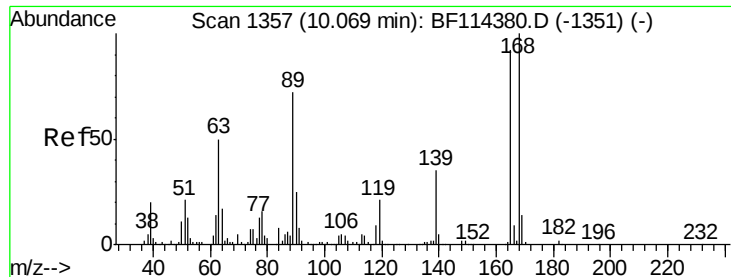
Ion Ratio Lower Upper

165 100

63 1.5 50.2 75.4#

89 1.4 46.6 69.8#

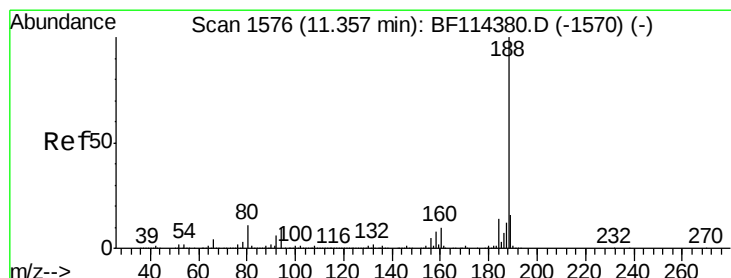
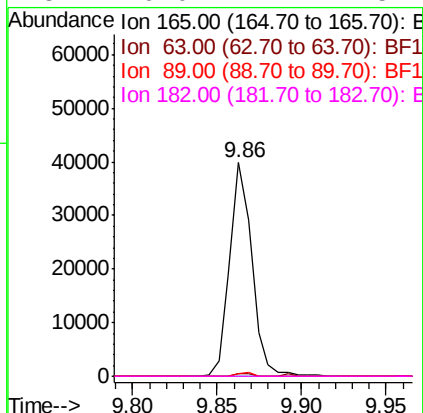
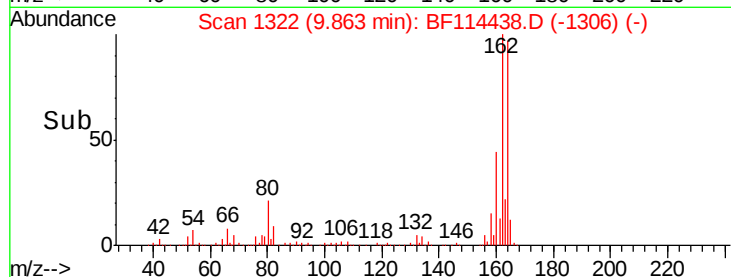
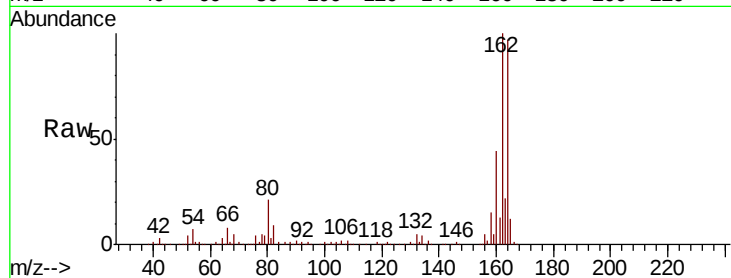




#57
 2,4-Dinitrotoluene
 Concen: 5.839 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.21 min
 Lab File: BF114438.D
 Acq: 20 May 2019 14:58

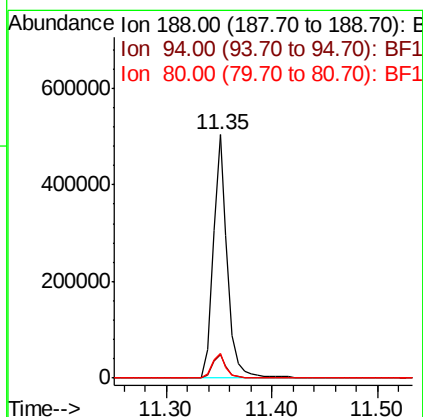
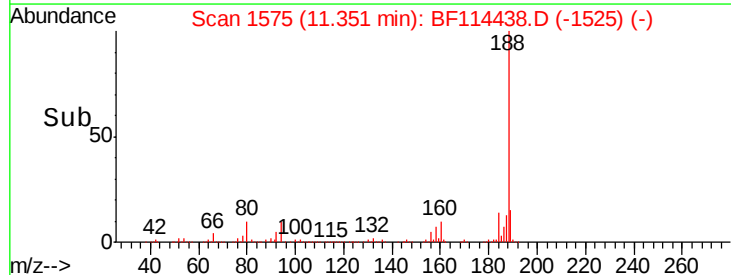
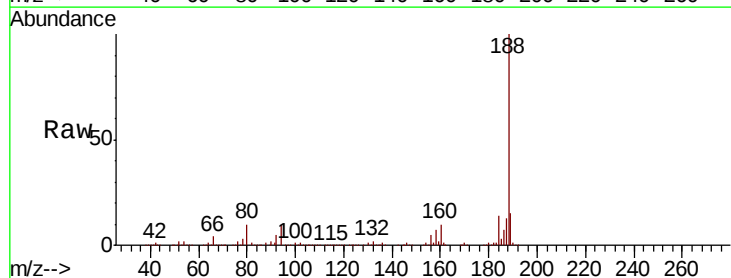
Instrument :
 BNA_F
 ClientSampleId :

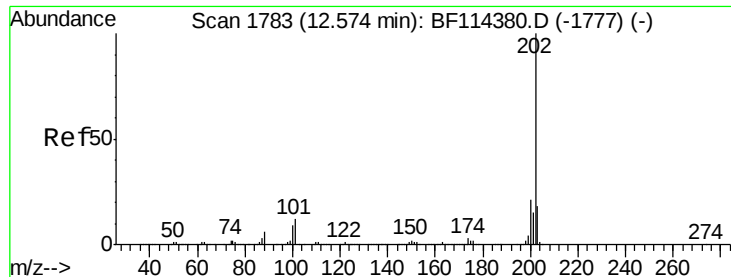
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114438.D
 Acq: 20 May 2019 14:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.4	12.6
80	10.2	9.2	13.8





#75

Fluoranthene

Concen: 2.212 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

Instrument :

BNA_F

ClientSampleId :

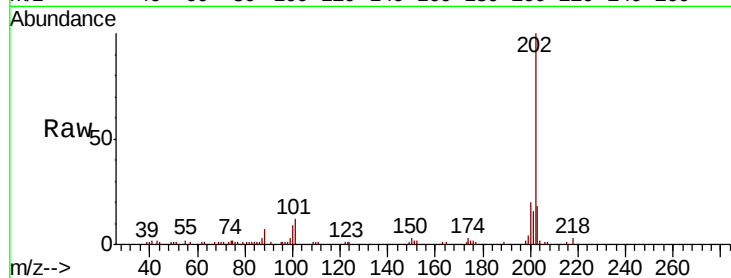
Tot Ion:202 Resp: 54642

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.0

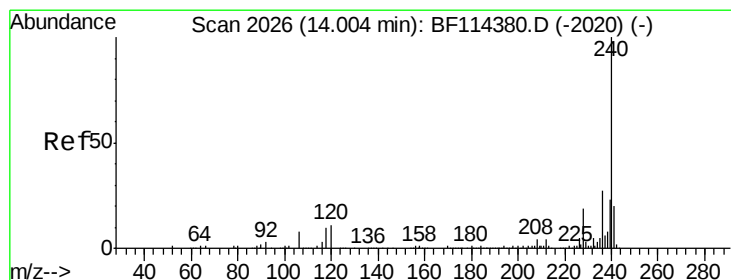
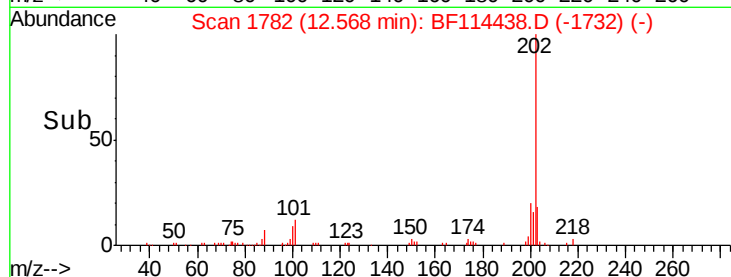
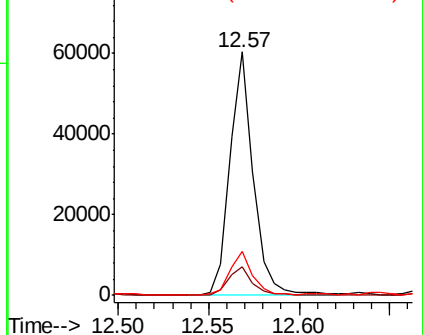
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF114438.D

Acq: 20 May 2019 14:58

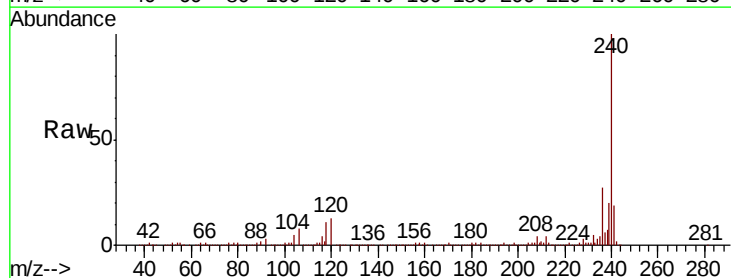
Tgt Ion:240 Resp: 416185

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

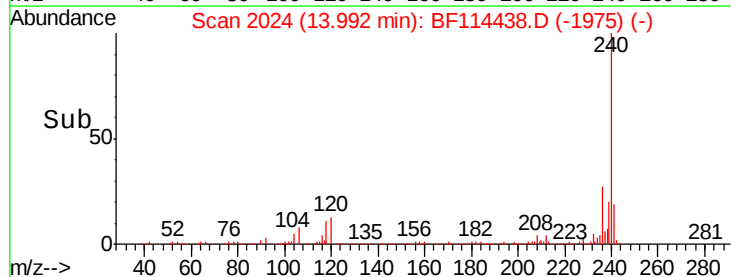
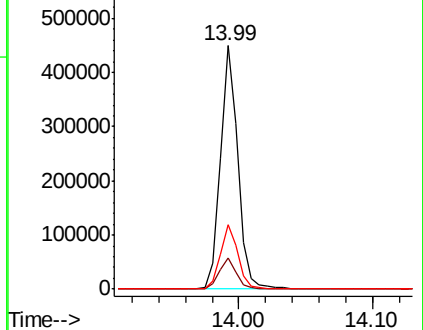
236 26.7 20.8 31.2

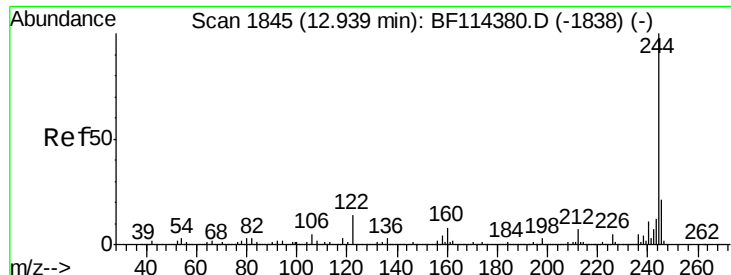


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

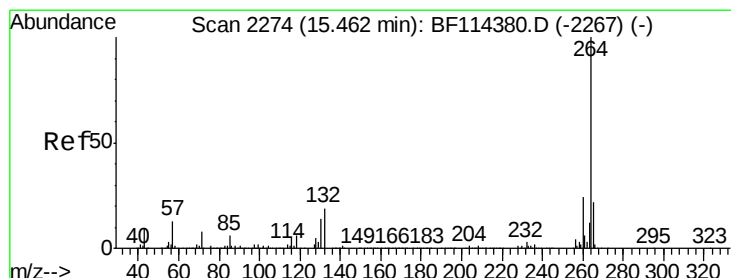
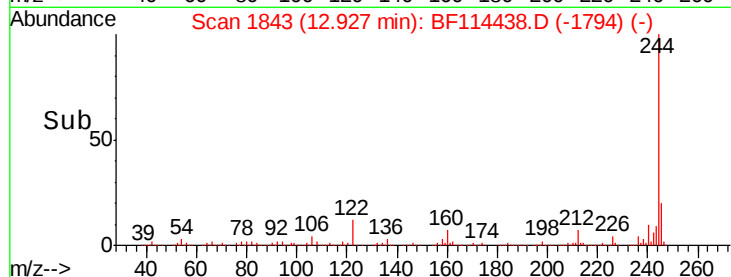
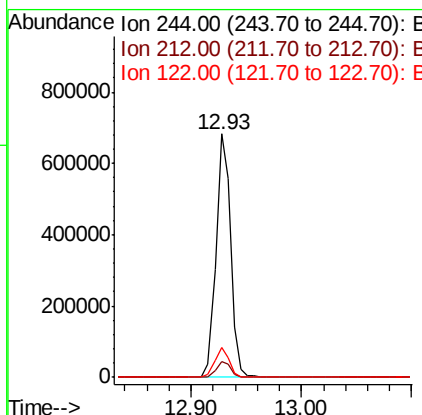
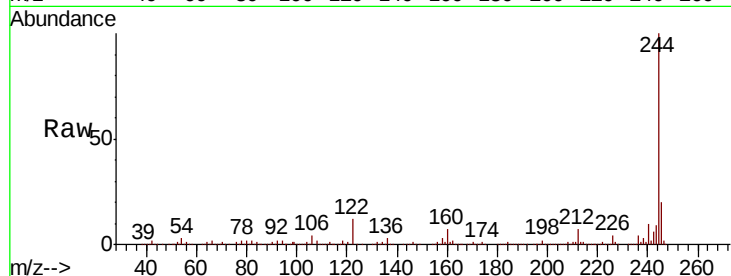




#79
 Terphenyl-d14
 Concen: 30.895 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF114438.D
 Acq: 20 May 2019 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 623742
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 12.4 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BF114438.D
 Acq: 20 May 2019 14:58

Tgt Ion:264 Resp: 552375
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.1 16.9 25.3

