

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041122\
 Data File : BN019422.D
 Acq On : 11 Apr 2022 21:00
 Operator : CG/JU
 Sample : N2334-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TWO-INCH-WELL

Quant Time: Apr 12 07:33:07 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

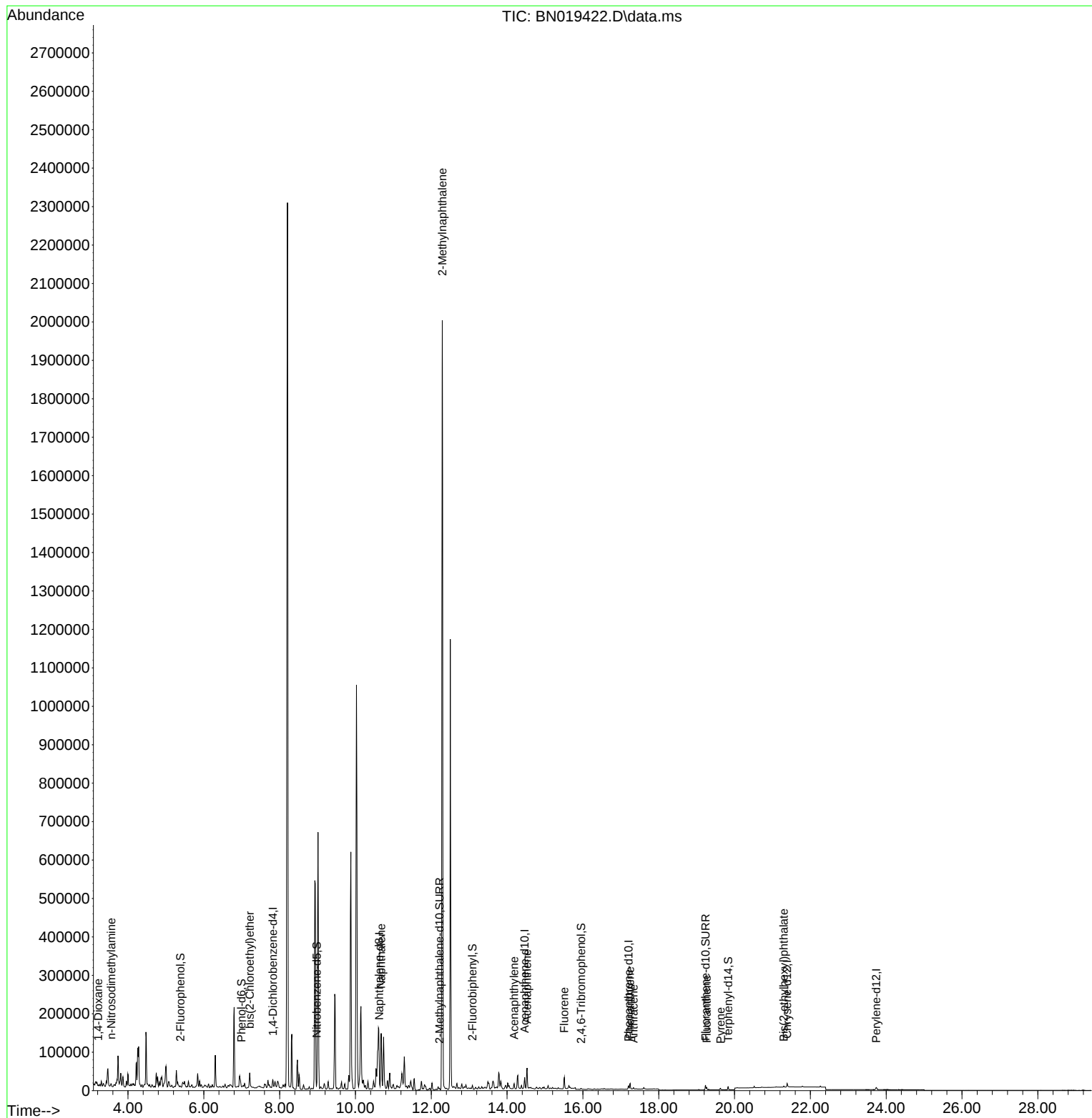
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4397	0.400	ng	# 0.00
7) Naphthalene-d8	10.626	136	11332	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	7562	0.400	ng	# 0.00
19) Phenanthrene-d10	17.205	188	12135	0.400	ng	0.00
29) Chrysene-d12	21.386	240	10093	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	9497	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2277	0.193	ng	0.00
5) Phenol-d6	6.995	99	1565	0.110	ng	0.00
8) Nitrobenzene-d5	8.982	82	2635	0.256	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	5778	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1428	0.311	ng	0.00
15) 2-Fluorobiphenyl	13.084	172	8164	0.260	ng	-0.01
27) Fluoranthene-d10	19.236	212	13655	0.349	ng	0.00
31) Terphenyl-d14	19.830	244	9593	0.437	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.218	88	198	0.038	ng	# 1
3) n-Nitrosodimethylamine	3.557	42	7777	1.117	ng	# 1
6) bis(2-Chloroethyl)ether	7.211	93	2243	0.157	ng	# 1
9) Naphthalene	10.680	128	74629	2.231	ng	# 51
12) 2-Methylnaphthalene	12.291	142	1430185	61.677	ng	98
16) Acenaphthylene	14.185	152	1688	0.045	ng	# 1
17) Acenaphthene	14.527	154	27691	1.109	ng	99
18) Fluorene	15.511	166	19239	0.584	ng	98
25) Phenanthrene	17.246	178	15966	0.392	ng	98
26) Anthracene	17.338	178	4941	0.138	ng	# 88
28) Fluoranthene	19.265	202	5530	0.115	ng	100
30) Pyrene	19.628	202	4027	0.086	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.297	149	2826	0.102	ng	# 97

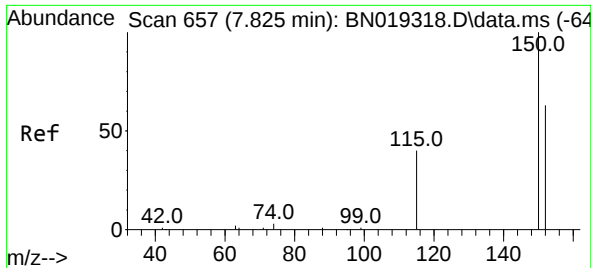
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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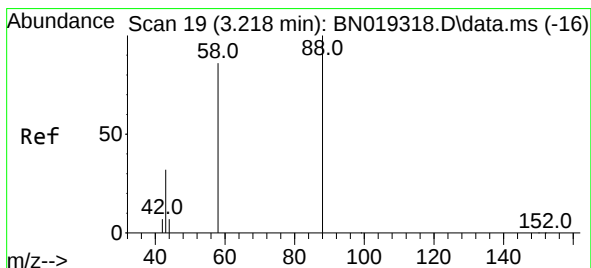
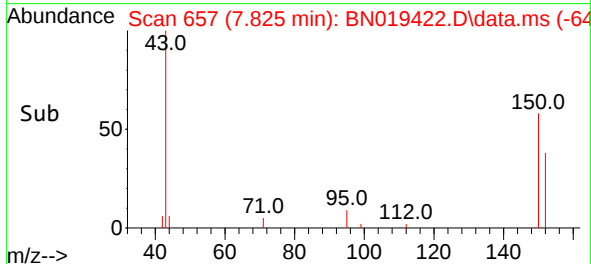
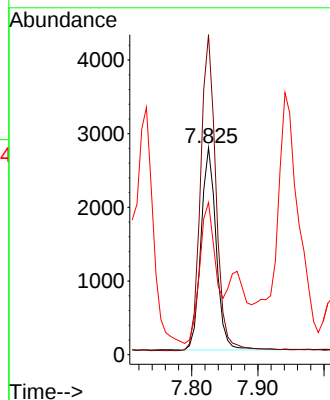
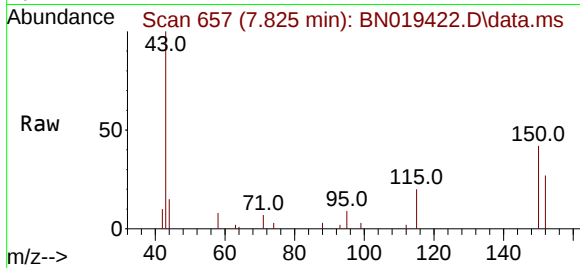




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN019422.D
 Acq: 11 Apr 2022 21:00

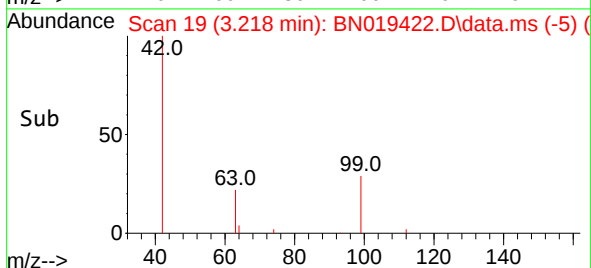
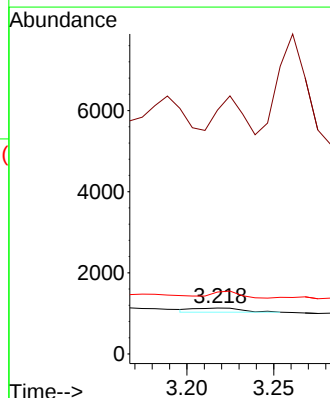
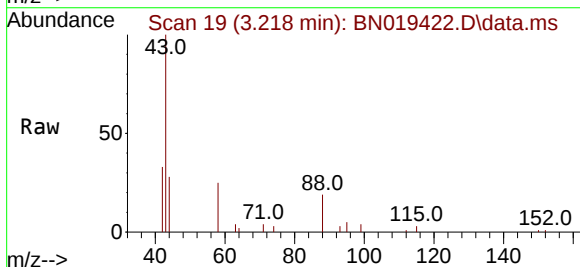
Instrument :
 BNA_N
 ClientSampleId :
 TWO-INCH-WELL

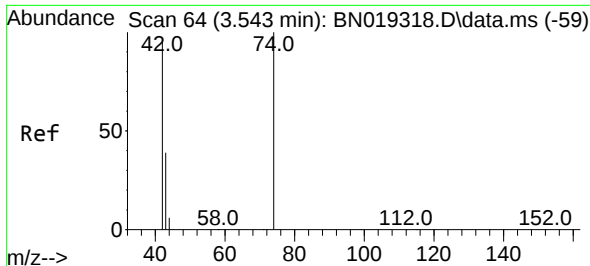
Tgt Ion:152 Resp: 4397
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.9 185.9
 115 73.5 48.2 72.4#



#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: BN019422.D
 Acq: 11 Apr 2022 21:00

Tgt Ion: 88 Resp: 198
 Ion Ratio Lower Upper
 88 100
 43 455.1 24.6 37.0#
 58 86.9 65.4 98.2





#3

n-Nitrosodimethylamine

Concen: 1.117 ng

RT: 3.557 min Scan# 60

Delta R.T. 0.014 min

Lab File: BN019422.D

Acq: 11 Apr 2022 21:00

Instrument :

BNA_N

ClientSampleId :

TWO-INCH-WELL

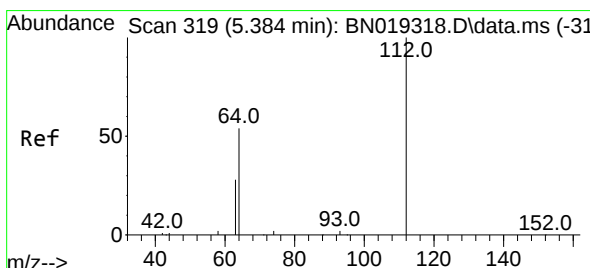
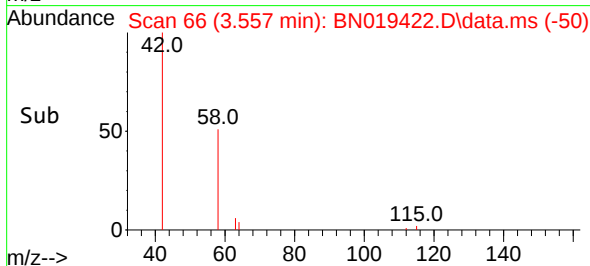
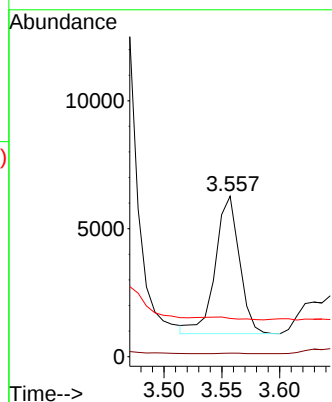
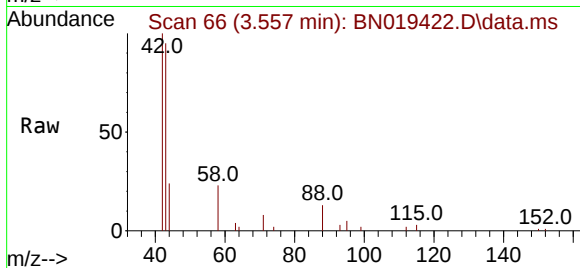
Tgt Ion: 42 Resp: 7777

Ion Ratio Lower Upper

42 100

74 0.3 96.9 145.3#

44 0.0 7.3 10.9#



#4

2-Fluorophenol

Concen: 0.193 ng

RT: 5.384 min Scan# 319

Delta R.T. -0.000 min

Lab File: BN019422.D

Acq: 11 Apr 2022 21:00

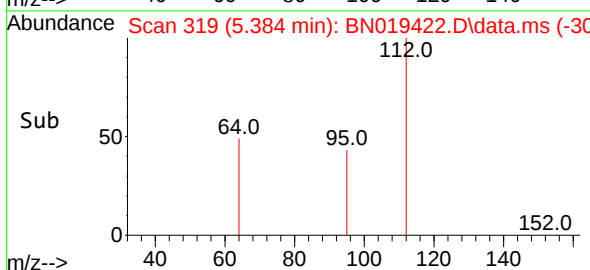
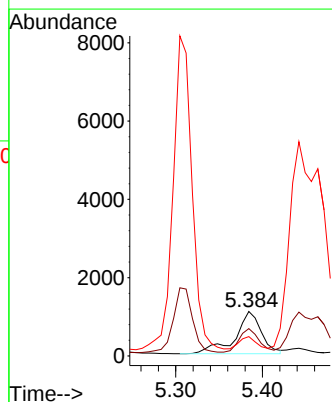
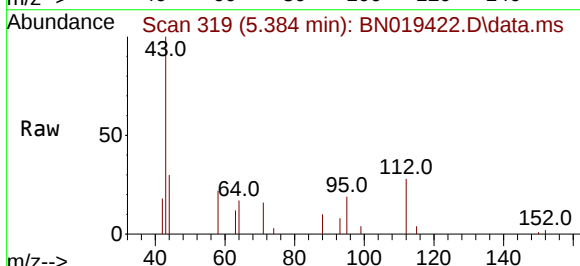
Tgt Ion: 112 Resp: 2277

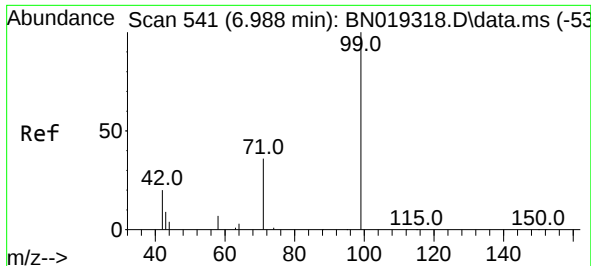
Ion Ratio Lower Upper

112 100

64 41.0 47.8 71.8#

63 0.0 25.7 38.5#

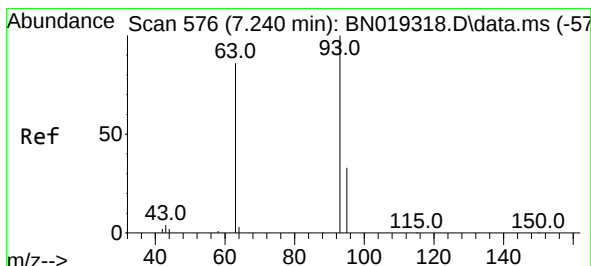
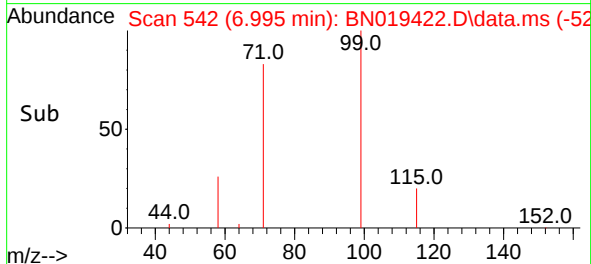
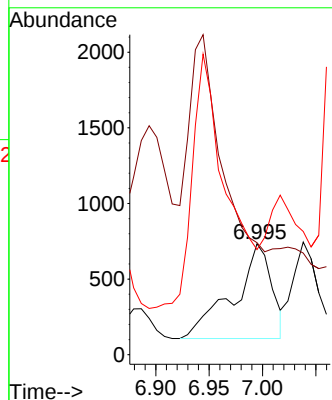
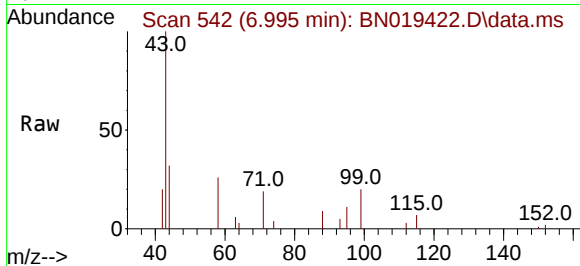




#5
Phenol-d6
Concen: 0.110 ng
RT: 6.995 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

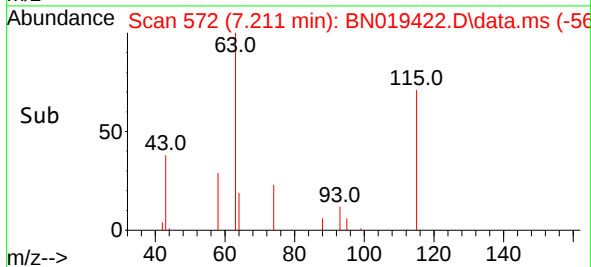
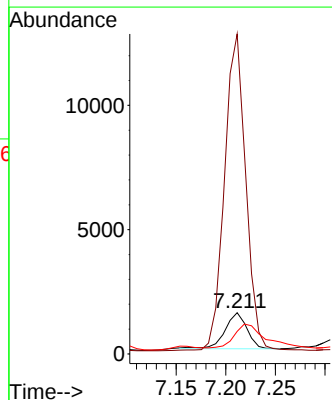
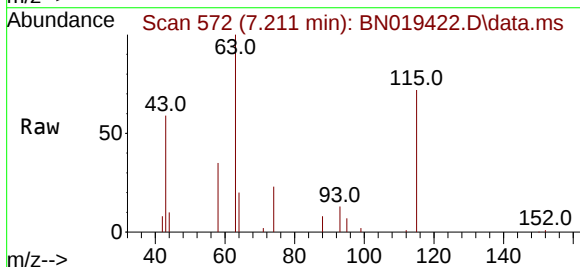
Instrument :
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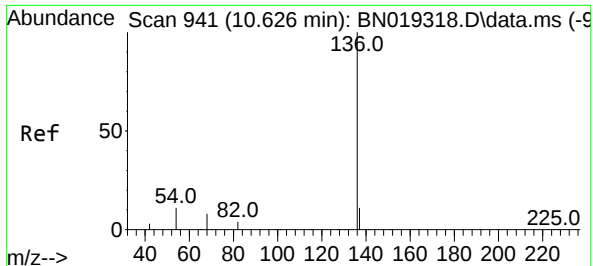
Tgt Ion: 99 Resp: 1565
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 0.0 27.7 41.5#



#6
bis(2-Chloroethyl)ether
Concen: 0.157 ng
RT: 7.211 min Scan# 572
Delta R.T. -0.029 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion: 93 Resp: 2243
Ion Ratio Lower Upper
93 100
63 845.2 62.8 94.2#
95 91.8 26.2 39.4#

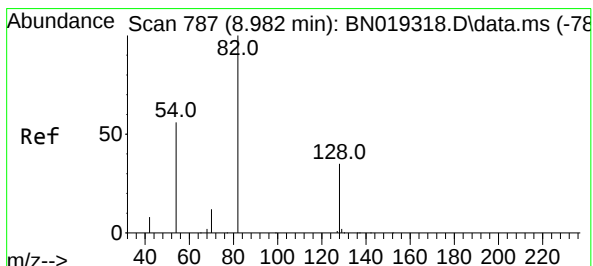
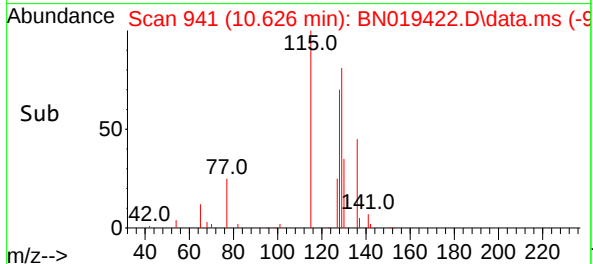
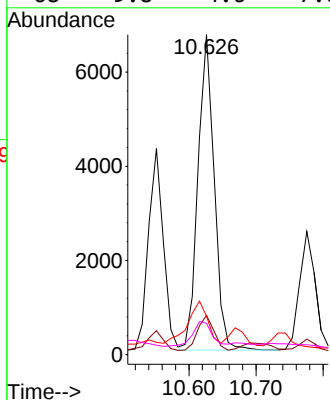
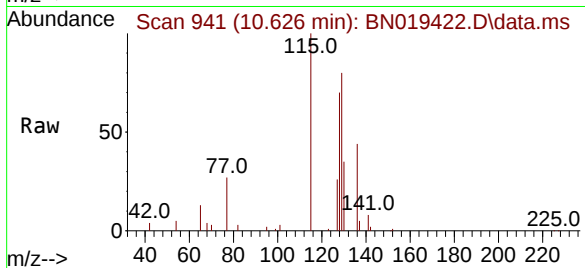




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

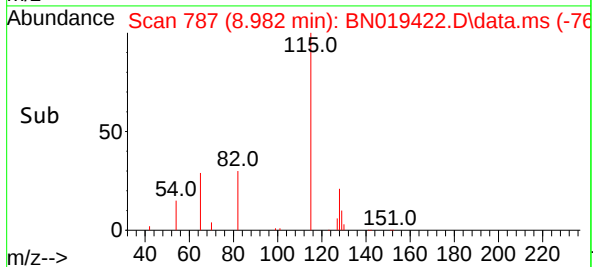
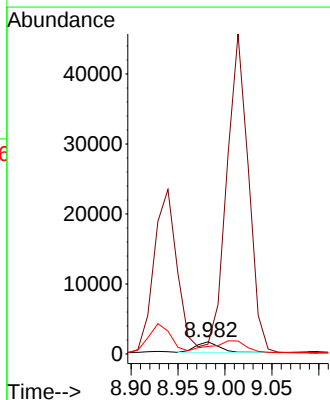
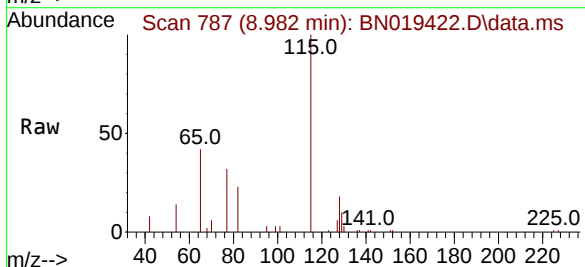
Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

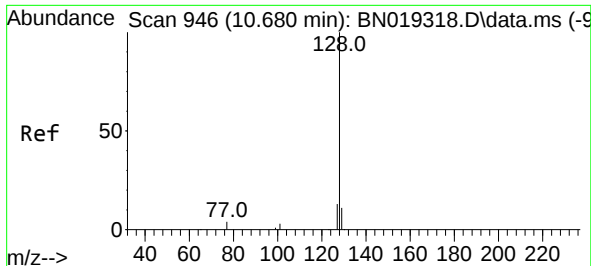
Tgt Ion:	136	Resp:	11332
Ion Ratio	Lower	Upper	
136	100		
137	12.3	9.0	13.4
54	12.0	5.8	8.6#
68	9.8	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:	82	Resp:	2635
Ion Ratio	Lower	Upper	
82	100		
128	79.9	33.0	49.6#
54	61.0	42.5	63.7

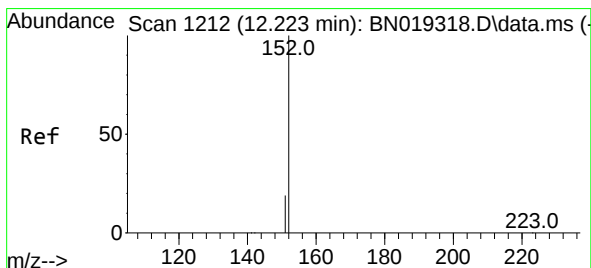
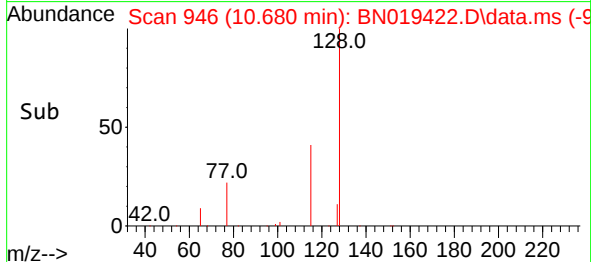
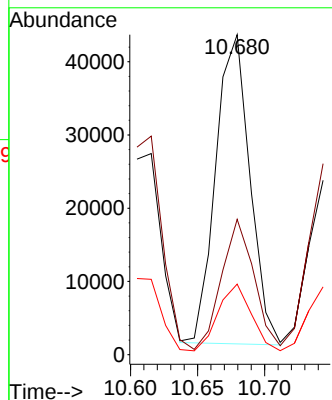
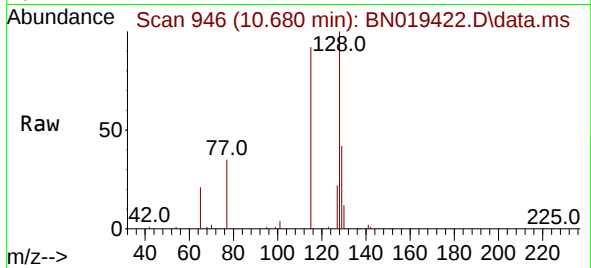




#9
Naphthalene
Concen: 2.231 ng
RT: 10.680 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

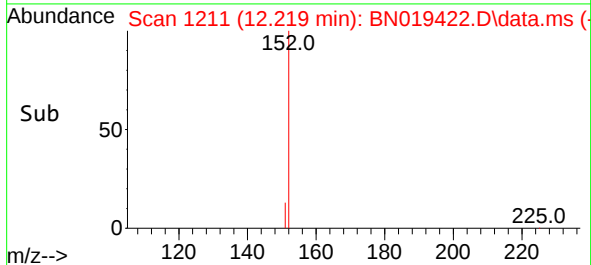
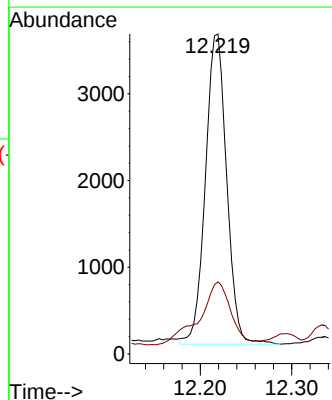
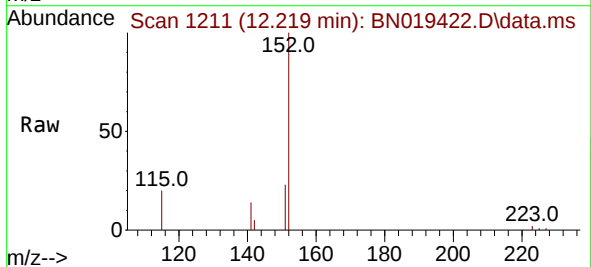
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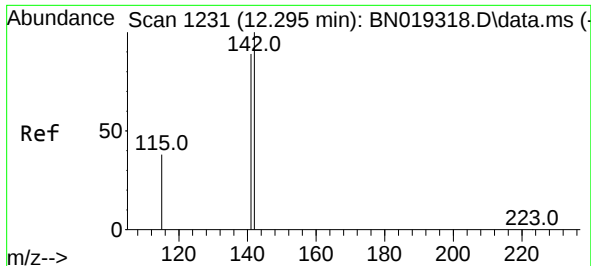
Tgt Ion:128 Resp: 74629
Ion Ratio Lower Upper
128 100
129 42.3 9.0 13.4#
127 22.0 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.219 min Scan# 1211
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:152 Resp: 5778
Ion Ratio Lower Upper
152 100
151 30.1 16.5 24.7#

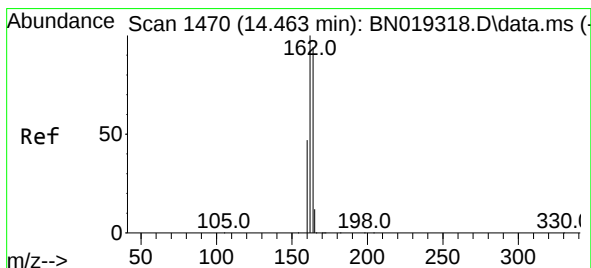
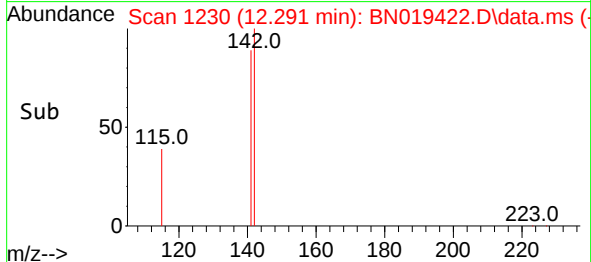
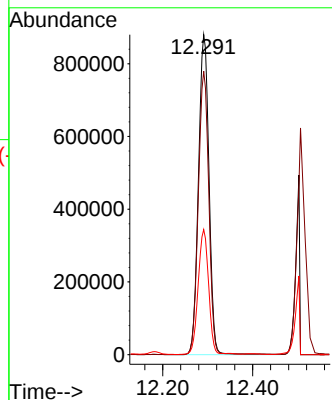
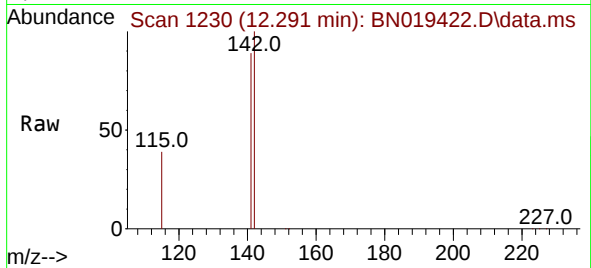




#12
2-Methylnaphthalene
Concen: 61.677 ng
RT: 12.291 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

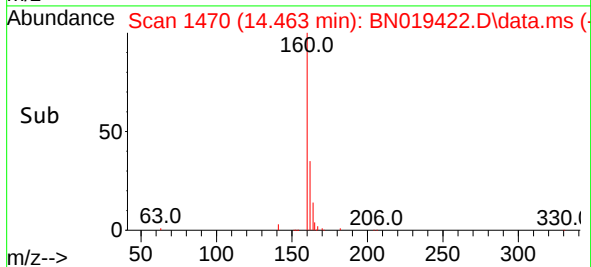
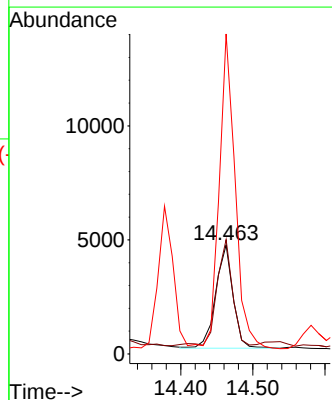
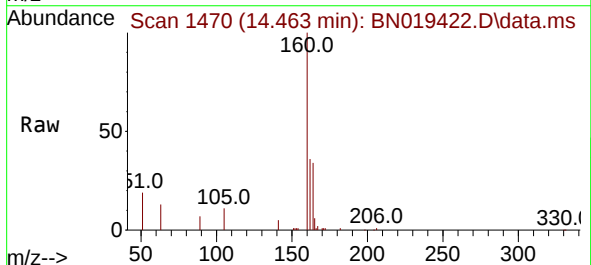
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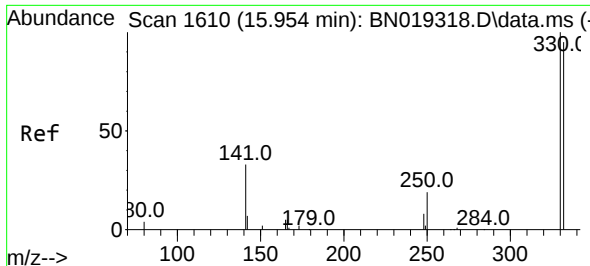
Tgt Ion:142 Resp: 1430185
Ion Ratio Lower Upper
142 100
141 88.6 70.0 105.0
115 39.1 29.8 44.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

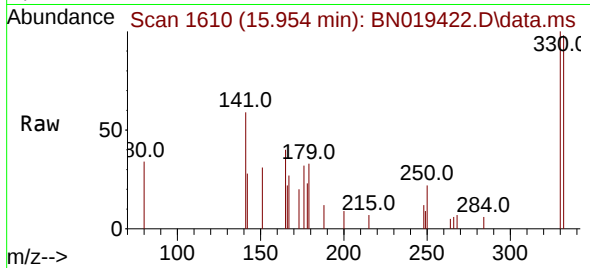
Tgt Ion:164 Resp: 7562
Ion Ratio Lower Upper
164 100
162 104.9 85.2 127.8
160 293.5 41.5 62.3#



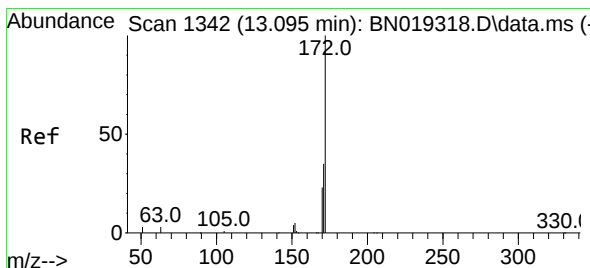
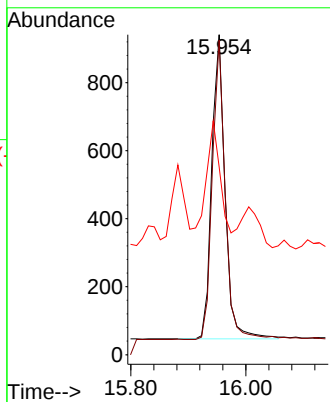
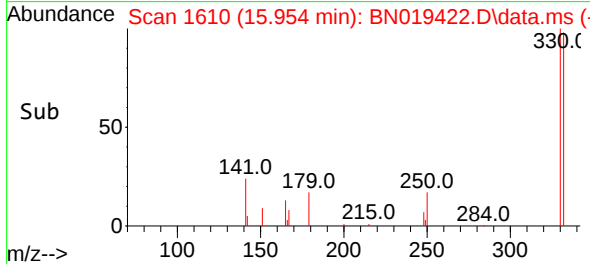


#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

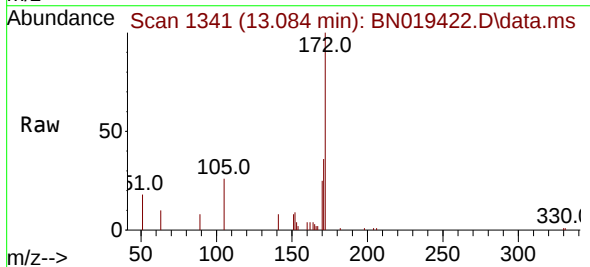
Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL



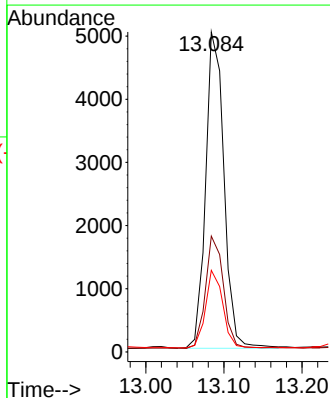
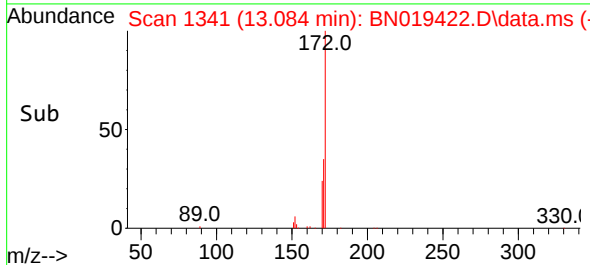
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Ion Ratio Lower Upper
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332 95.7 76.8 115.2
141 38.7 32.2 48.2

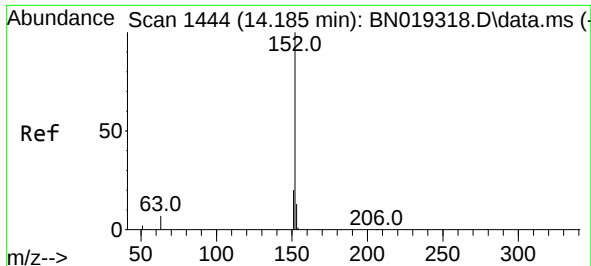


#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 13.084 min Scan# 1341
Delta R.T. -0.011 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00



Tgt Ion: 172 Resp: 8164
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 25.5 18.7 28.1

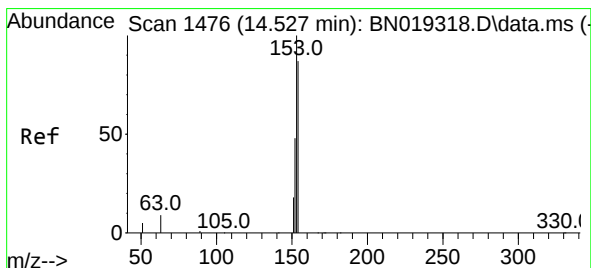
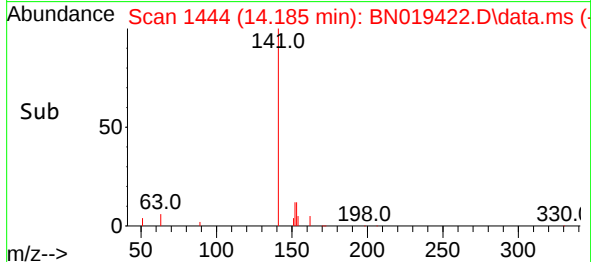
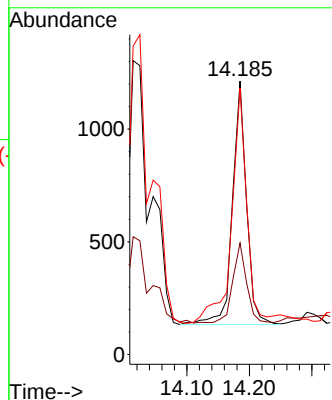
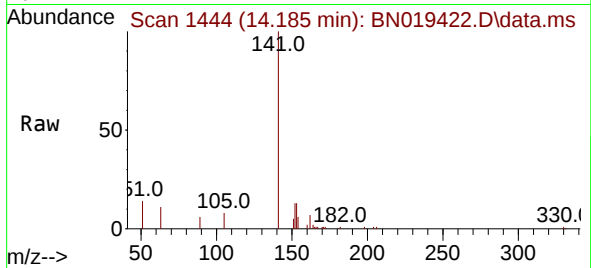




#16
Acenaphthylene
Concen: 0.045 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

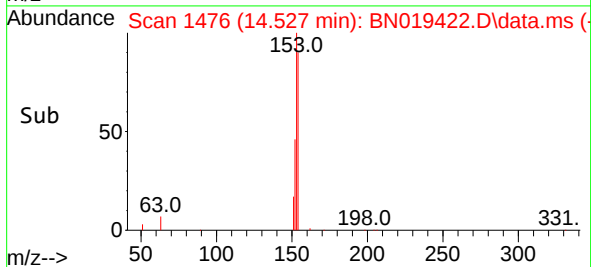
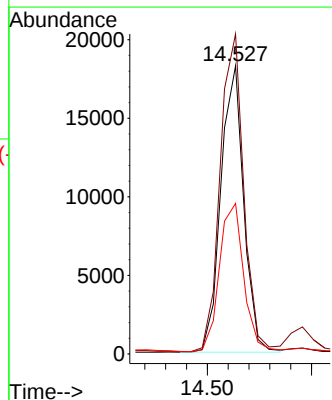
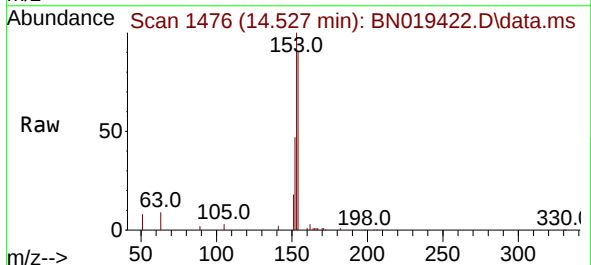
Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

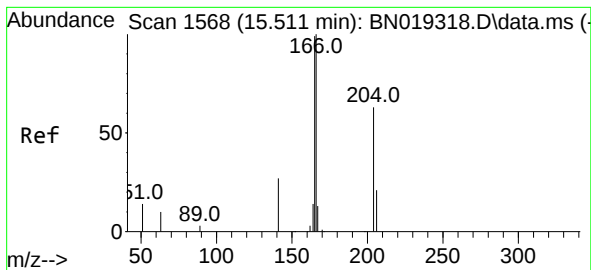
Tgt Ion:152 Resp: 1688
Ion Ratio Lower Upper
152 100
151 31.4 15.9 23.9#
153 103.9 10.6 15.8#



#17
Acenaphthene
Concen: 1.109 ng
RT: 14.527 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:154 Resp: 27691
Ion Ratio Lower Upper
154 100
153 113.7 89.7 134.5
152 55.3 44.7 67.1





#18

Fluorene

Concen: 0.584 ng

RT: 15.511 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BN019422.D

Acq: 11 Apr 2022 21:00

Instrument :

BNA_N

ClientSampleId :

TWO-INCH-WELL

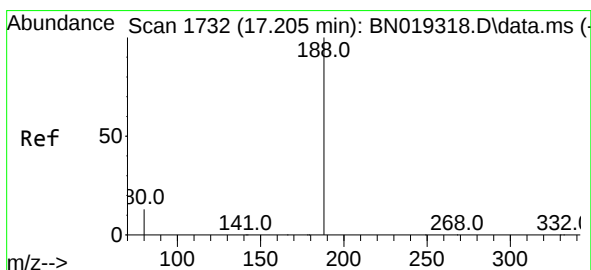
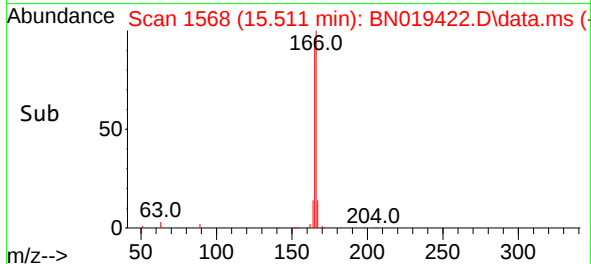
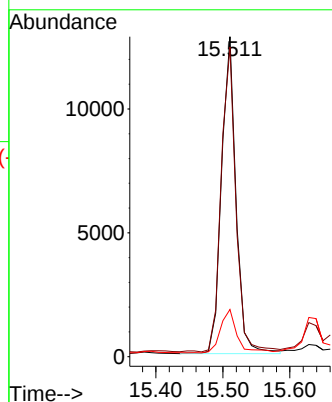
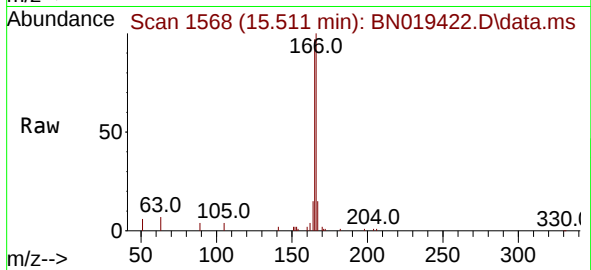
Tgt Ion:166 Resp: 19239

Ion Ratio Lower Upper

166 100

165 97.6 79.2 118.8

167 15.5 10.7 16.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.205 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BN019422.D

Acq: 11 Apr 2022 21:00

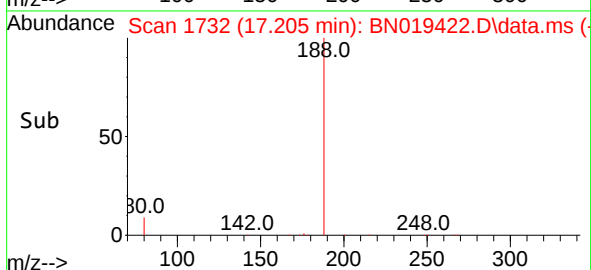
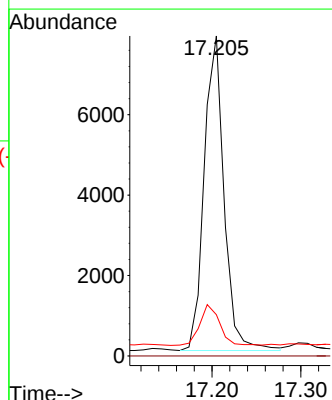
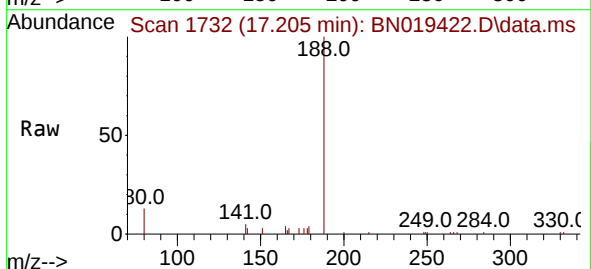
Tgt Ion:188 Resp: 12135

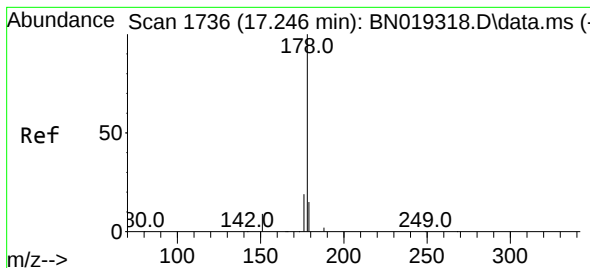
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.9 11.8 17.8





#25

Phenanthrene

Concen: 0.392 ng

RT: 17.246 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BN019422.D

Acq: 11 Apr 2022 21:00

Instrument :

BNA_N

ClientSampleId :

TWO-INCH-WELL

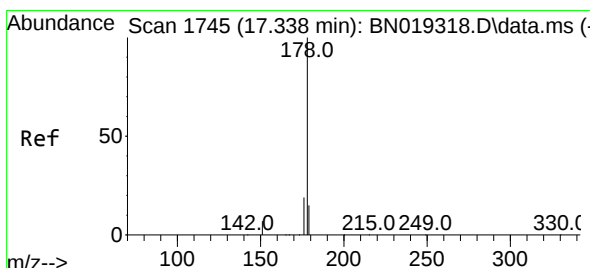
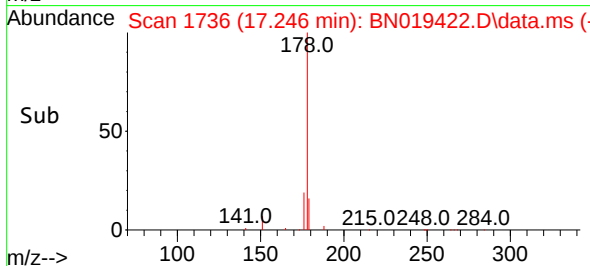
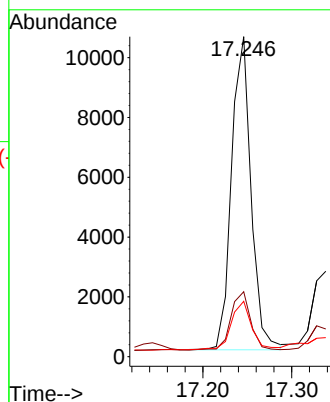
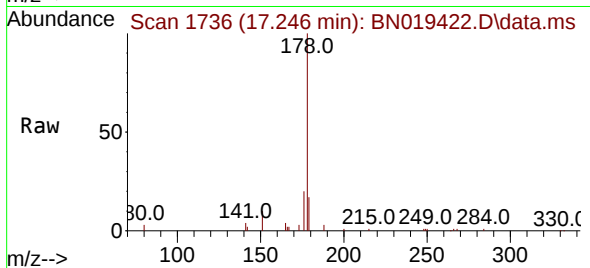
Tgt Ion:178 Resp: 15966

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 16.8 12.2 18.2



#26

Anthracene

Concen: 0.138 ng

RT: 17.338 min Scan# 1745

Delta R.T. -0.000 min

Lab File: BN019422.D

Acq: 11 Apr 2022 21:00

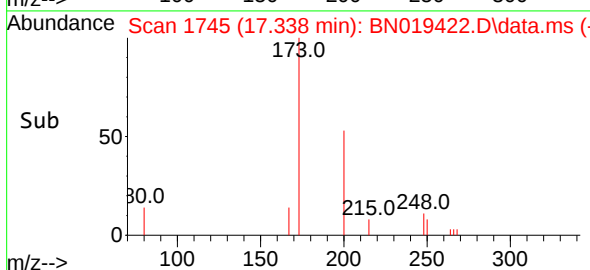
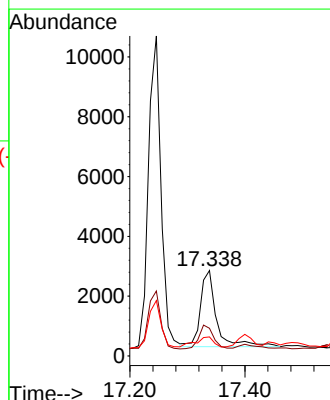
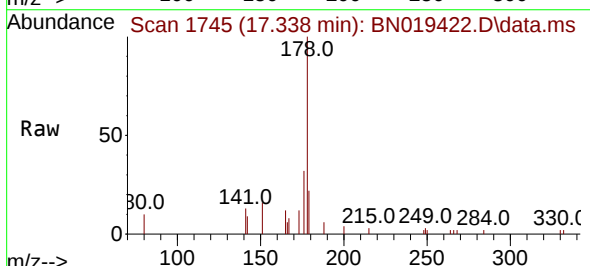
Tgt Ion:178 Resp: 4941

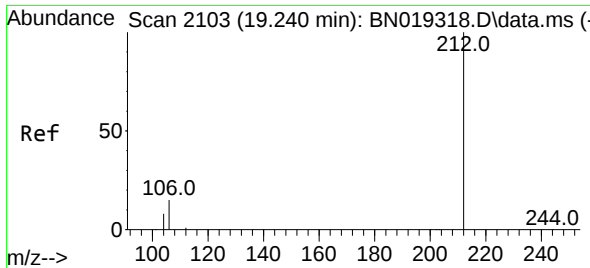
Ion Ratio Lower Upper

178 100

176 27.8 14.8 22.2#

179 14.3 12.2 18.4

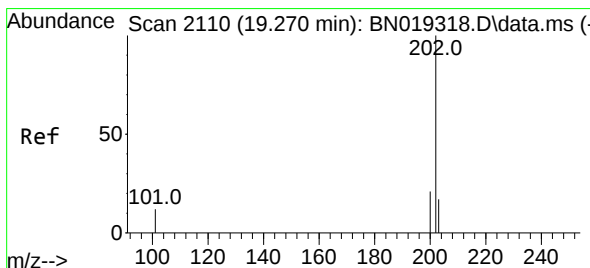
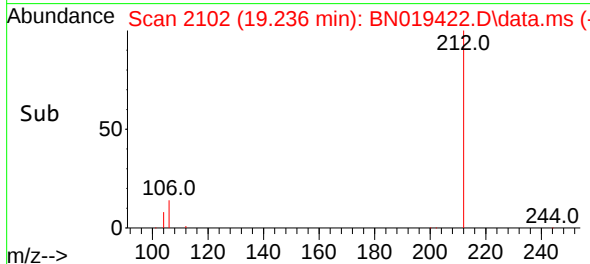
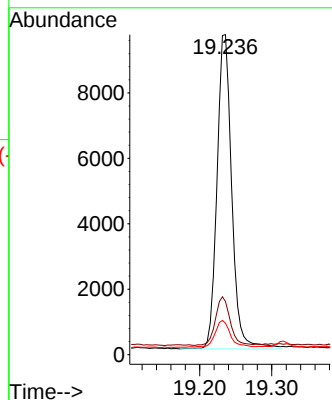
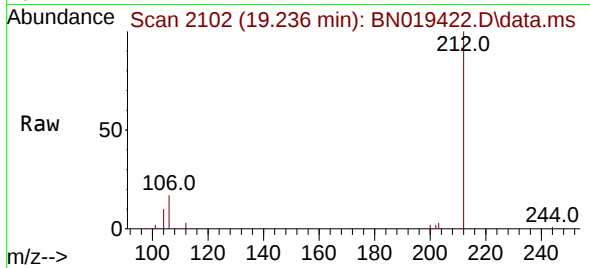




#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.236 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

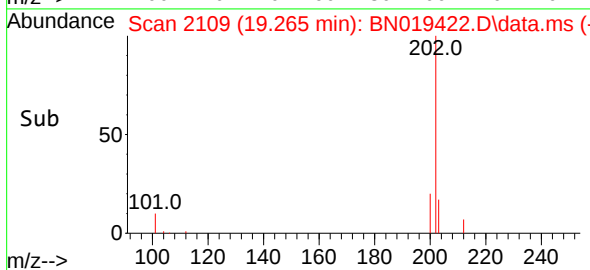
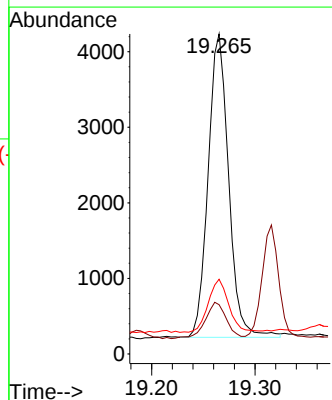
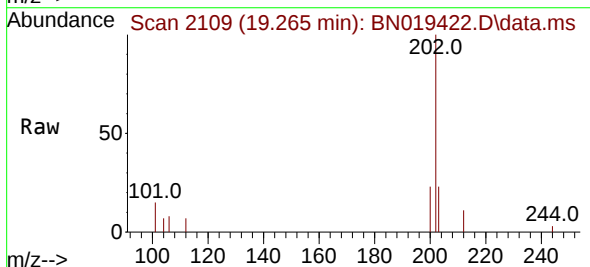
Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

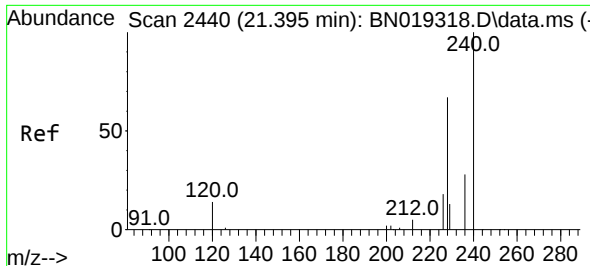
Tgt Ion:212 Resp: 13655
Ion Ratio Lower Upper
212 100
106 15.2 12.7 19.1
104 9.2 7.1 10.7



#28
Fluoranthene
Concen: 0.115 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:202 Resp: 5530
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.6
203 17.4 13.7 20.5

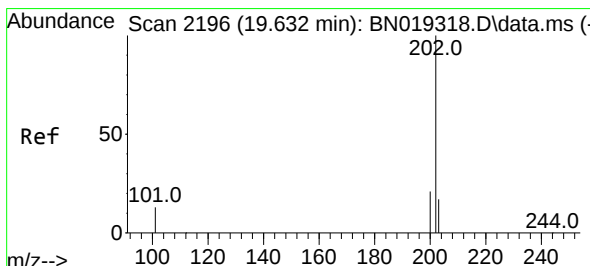
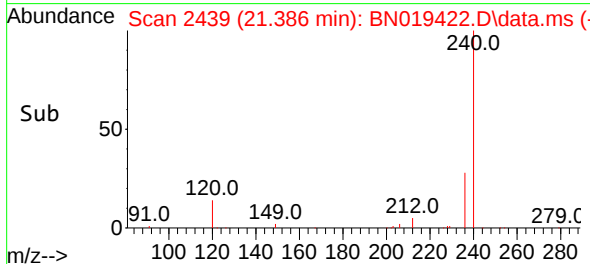
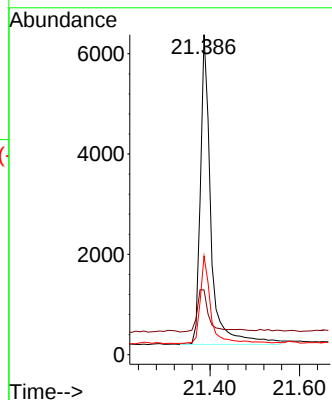
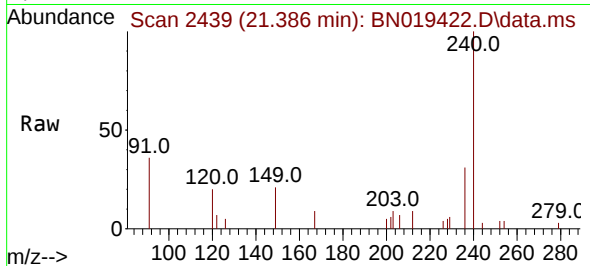




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

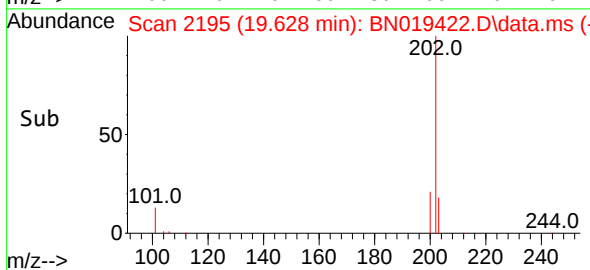
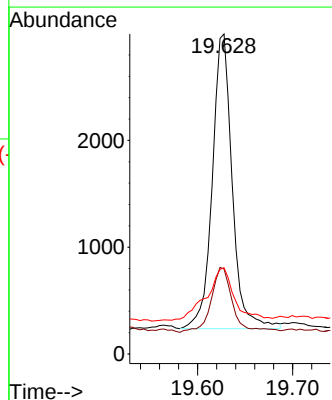
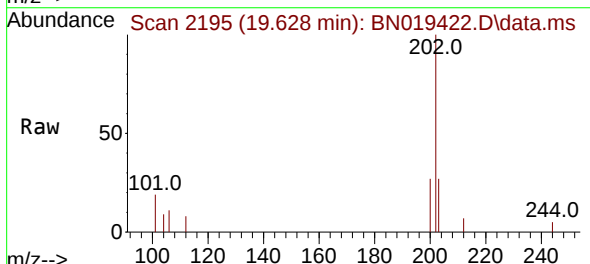
Instrument :
BNA_N
ClientSampleId :
TWO-INCH-WELL

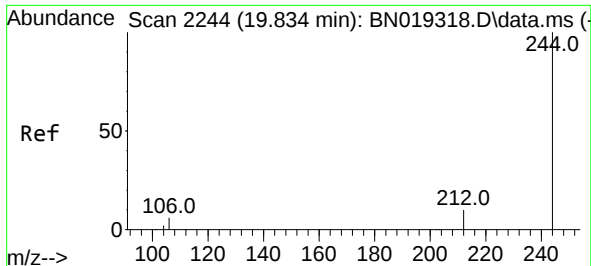
Tgt Ion:240 Resp: 10093
Ion Ratio Lower Upper
240 100
120 20.2 8.5 12.7#
236 30.8 22.4 33.6



#30
Pyrene
Concen: 0.086 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019422.D
Acq: 11 Apr 2022 21:00

Tgt Ion:202 Resp: 4027
Ion Ratio Lower Upper
202 100
200 24.0 16.9 25.3
203 25.4 14.2 21.2#

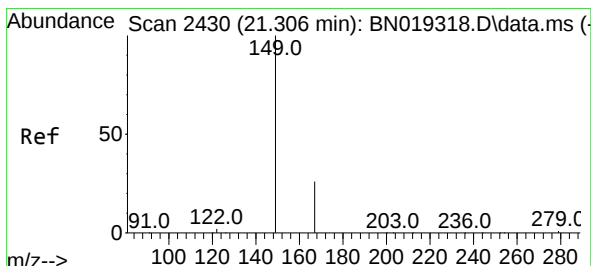
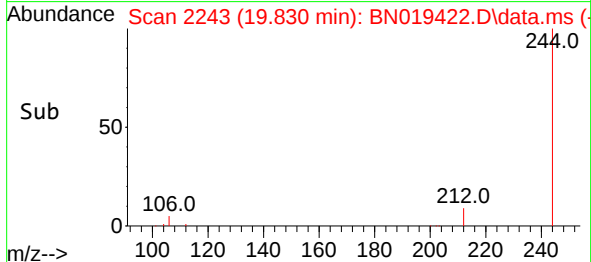
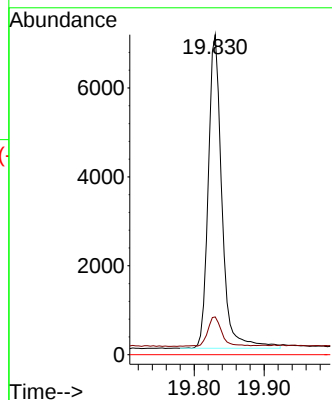
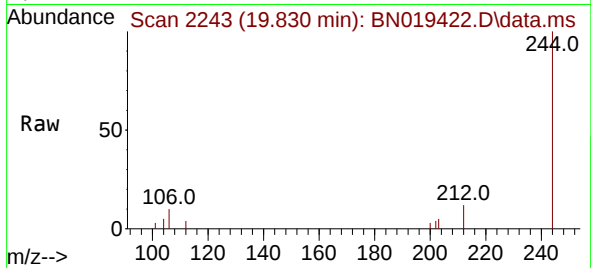




#31
 Terphenyl-d14
 Concen: 0.437 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019422.D
 Acq: 11 Apr 2022 21:00

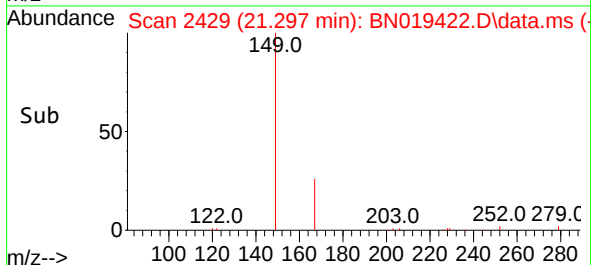
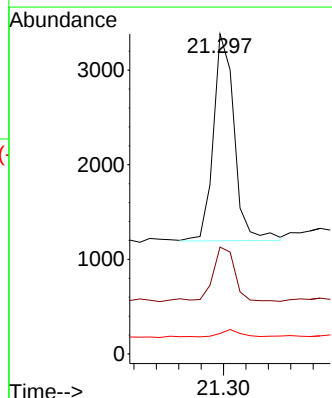
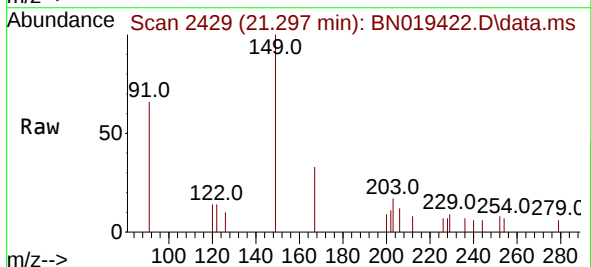
Instrument :
 BNA_N
 ClientSampleId :
 TWO-INCH-WELL

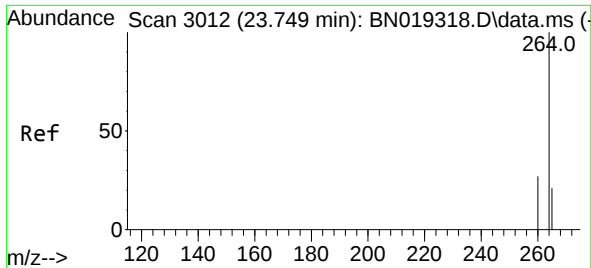
Tgt Ion:244 Resp: 9593
 Ion Ratio Lower Upper
 244 100
 212 11.8 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.297 min Scan# 2429
 Delta R.T. -0.009 min
 Lab File: BN019422.D
 Acq: 11 Apr 2022 21:00

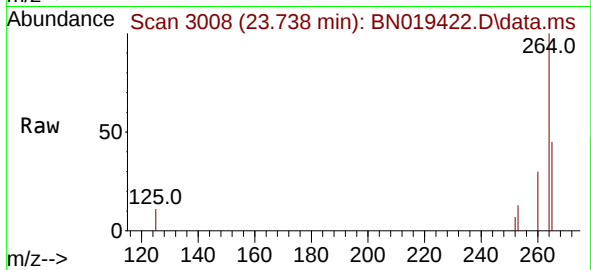
Tgt Ion:149 Resp: 2826
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.8 32.8
 279 3.3 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 3012
 Delta R.T. -0.012 min
 Lab File: BN019422.D
 Acq: 11 Apr 2022 21:00

Instrument :
 BNA_N
 ClientSampleId :
 TWO-INCH-WELL



Tgt Ion:264 Resp: 9497
 Ion Ratio Lower Upper
 264 100
 260 29.6 22.4 33.6
 265 45.1 25.3 37.9#

