

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019185.D
 Acq On : 26 Mar 2022 10:20
 Operator : CG/JU
 Sample : N2090-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB032322

Quant Time: Mar 28 09:11:34 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

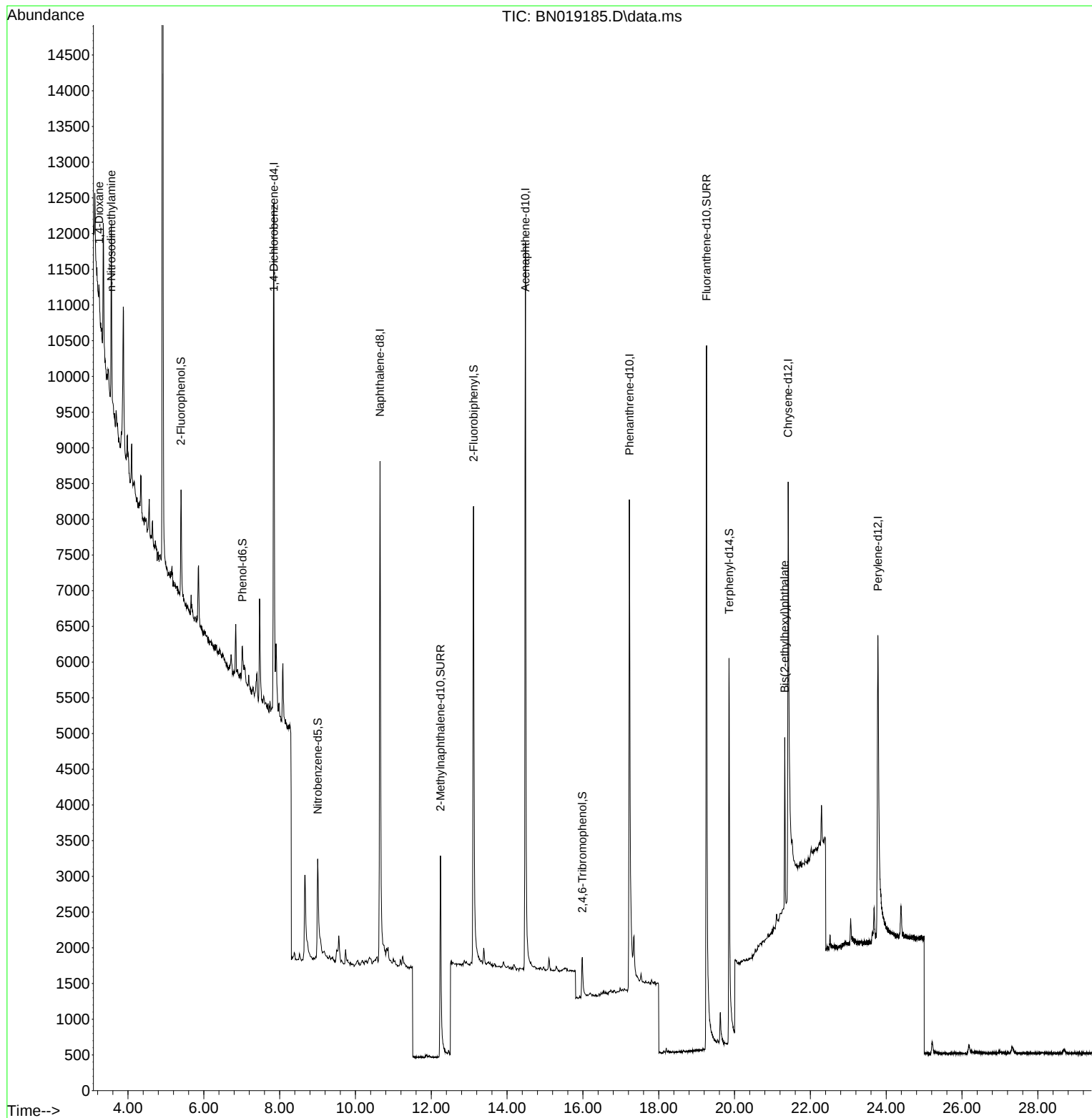
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	4145	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11299	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6809	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	14402	0.400	ng	0.00
29) Chrysene-d12	21.413	240	10813	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	9355	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1283	0.131	ng	0.00
5) Phenol-d6	7.017	99	595	0.053	ng	0.01
8) Nitrobenzene-d5	9.003	82	2165	0.247	ng	0.01
11) 2-Methylnaphthalene-d10	12.242	152	5333	0.295	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	512	0.155	ng	0.01
15) 2-Fluorobiphenyl	13.116	172	7424	0.259	ng	0.01
27) Fluoranthene-d10	19.261	212	15933	0.378	ng	0.00
31) Terphenyl-d14	19.856	244	9136	0.378	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	166	0.030	ng	# 52
3) n-Nitrosodimethylamine	3.557	42	310	0.050	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	2283	0.108	ng	# 97

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

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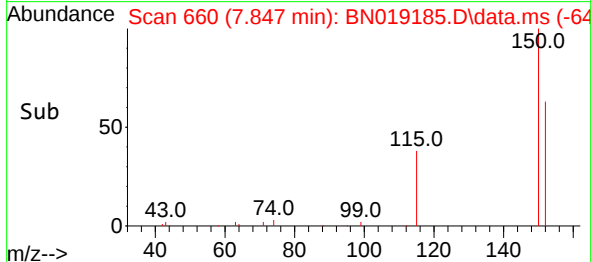
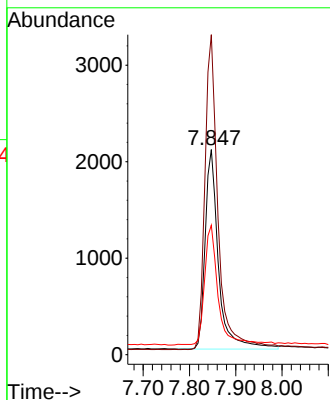
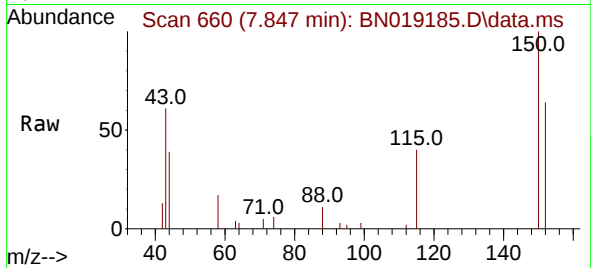




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.847 min Scan# 660
 Delta R.T. 0.000 min
 Lab File: BN019185.D
 Acq: 26 Mar 2022 10:20

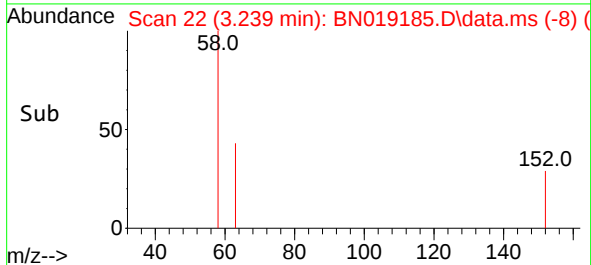
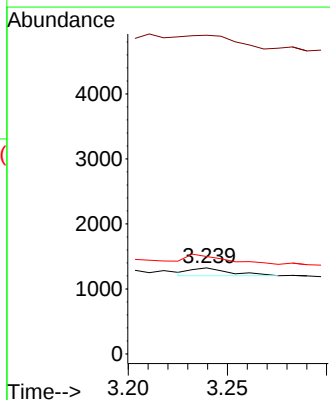
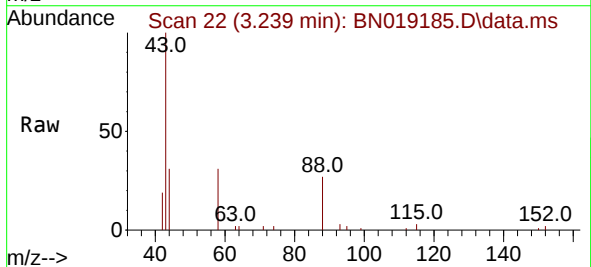
Instrument :
 BNA_N
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 FB032322

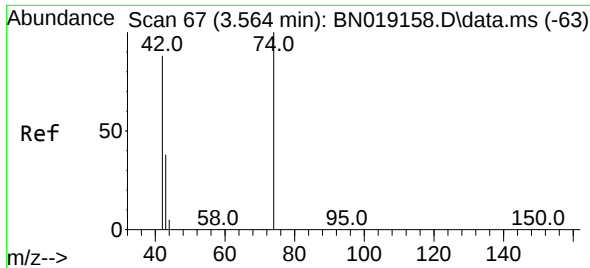
Tgt Ion:152 Resp: 4145
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.9 185.9
 115 63.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN019185.D
 Acq: 26 Mar 2022 10:20

Tgt Ion: 88 Resp: 166
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.6 37.0#
 58 122.3 65.4 98.2#





#3

n-Nitrosodimethylamine

Concen: 0.050 ng

RT: 3.557 min Scan# 60

Delta R.T. -0.007 min

Lab File: BN019185.D

Acq: 26 Mar 2022 10:20

Instrument :

BNA_N

ClientSampleId :

FB032322

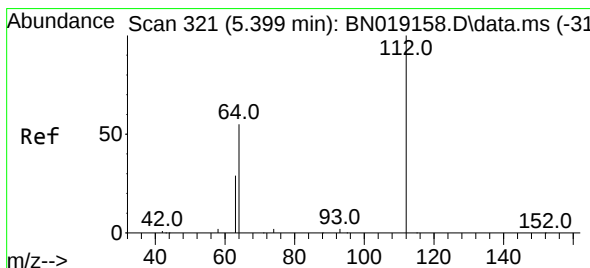
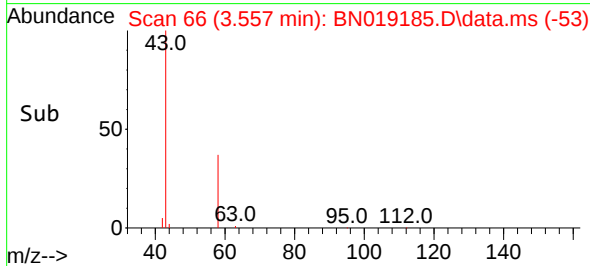
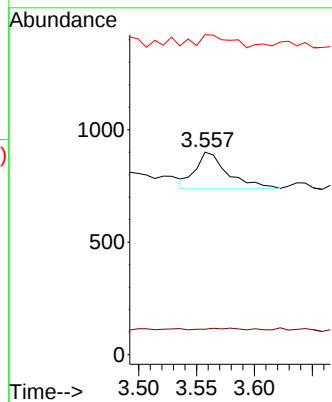
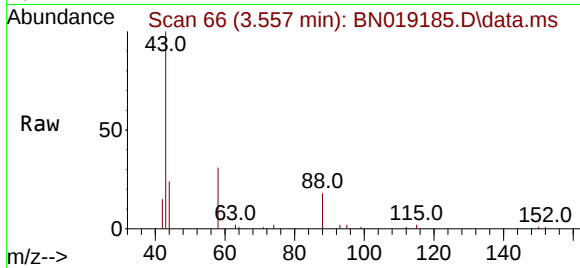
Tgt Ion: 42 Resp: 310

Ion Ratio Lower Upper

42 100

74 0.0 96.9 145.3#

44 31.0 7.3 10.9#



#4

2-Fluorophenol

Concen: 0.131 ng

RT: 5.399 min Scan# 321

Delta R.T. 0.000 min

Lab File: BN019185.D

Acq: 26 Mar 2022 10:20

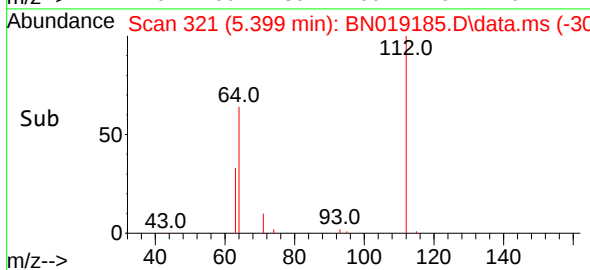
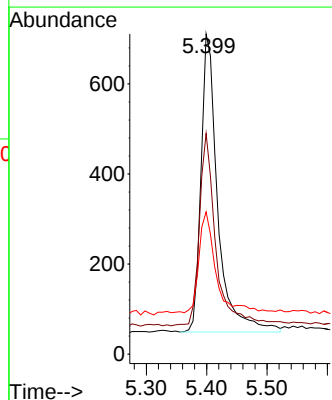
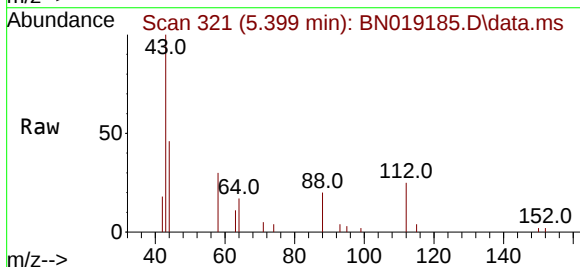
Tgt Ion: 112 Resp: 1283

Ion Ratio Lower Upper

112 100

64 63.5 47.8 71.8

63 34.9 25.7 38.5

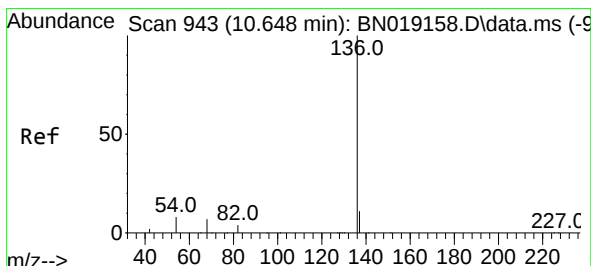
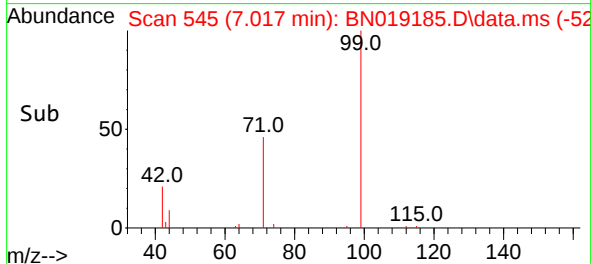
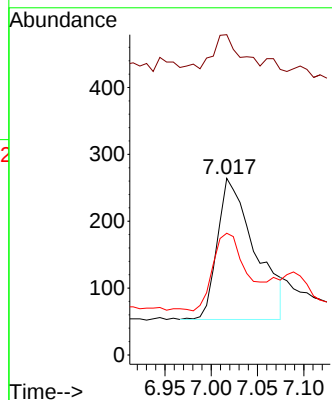
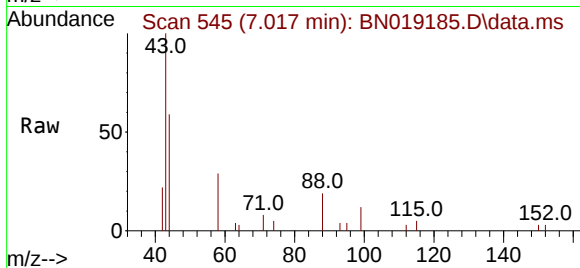




#5
Phenol-d6
Concen: 0.053 ng
RT: 7.017 min Scan# 543
Delta R.T. 0.014 min
Lab File: BN019185.D
Acq: 26 Mar 2022 10:20

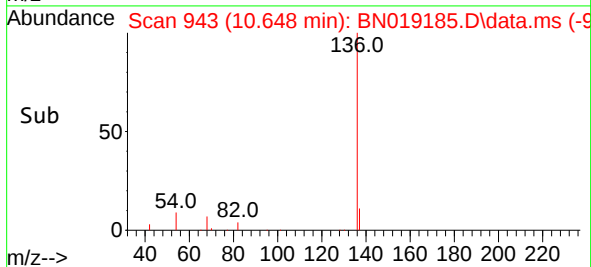
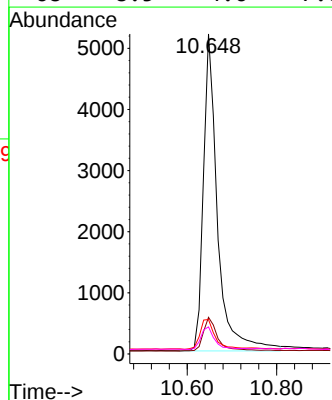
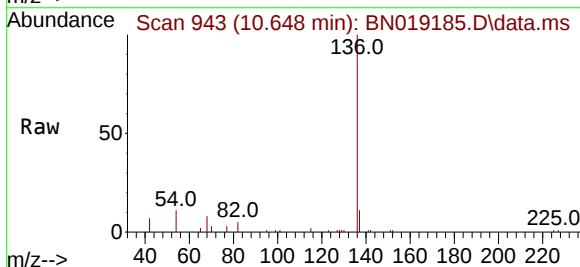
Instrument :
BNA_N
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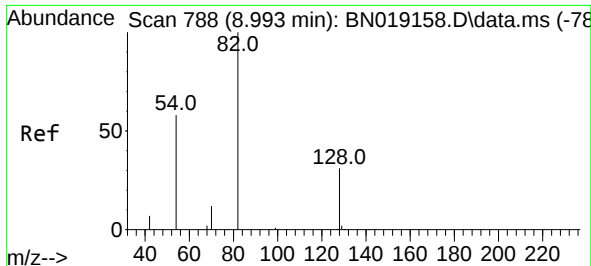
Tgt Ion: 99 Resp: 595
Ion Ratio Lower Upper
99 100
42 15.5 16.2 24.4#
71 48.1 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN019185.D
Acq: 26 Mar 2022 10:20

Tgt Ion: 136 Resp: 11299
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.8 5.8 8.6#
68 8.5 4.6 7.0#

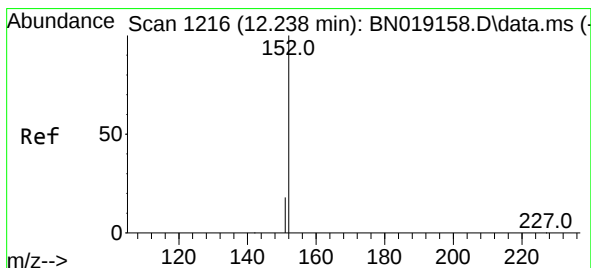
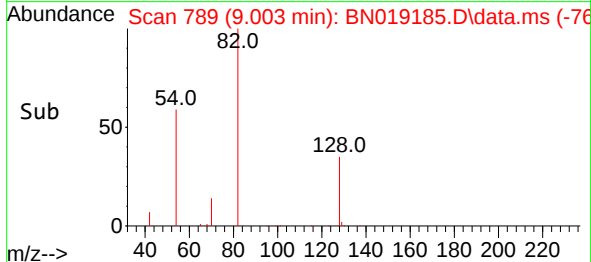
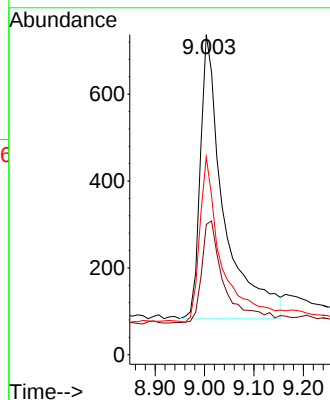
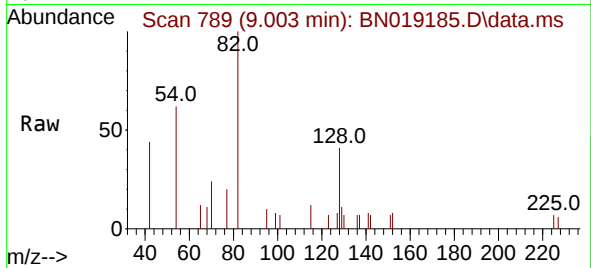




#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 9.003 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN019185.D
Acq: 26 Mar 2022 10:20

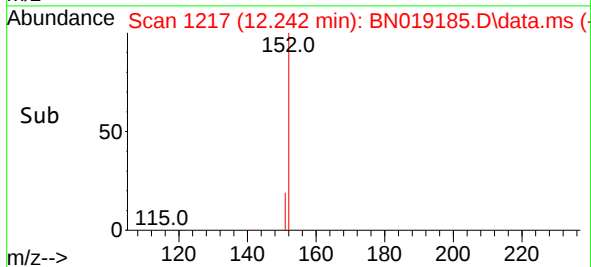
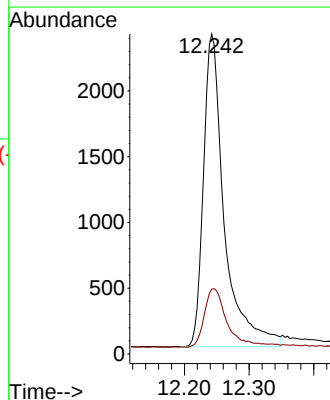
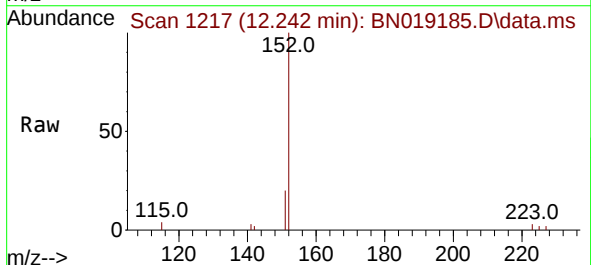
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ClientSampleId :
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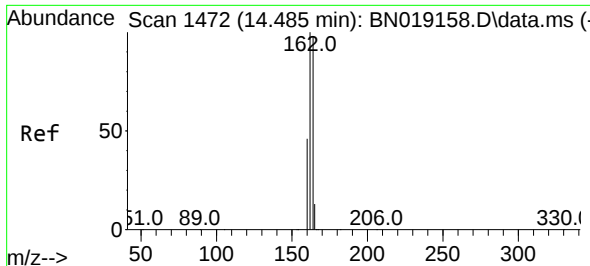
Tgt Ion: 82 Resp: 2165
Ion Ratio Lower Upper
82 100
128 40.7 33.0 49.6
54 61.7 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 12.242 min Scan# 1217
Delta R.T. 0.004 min
Lab File: BN019185.D
Acq: 26 Mar 2022 10:20

Tgt Ion: 152 Resp: 5333
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7

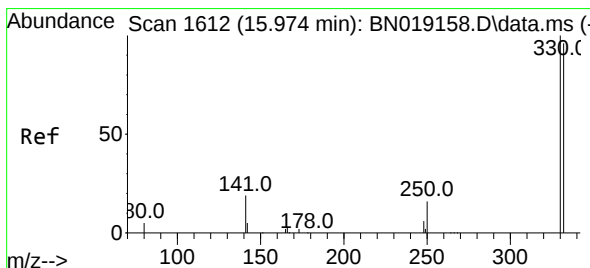
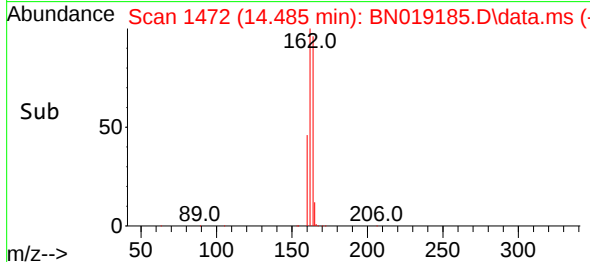
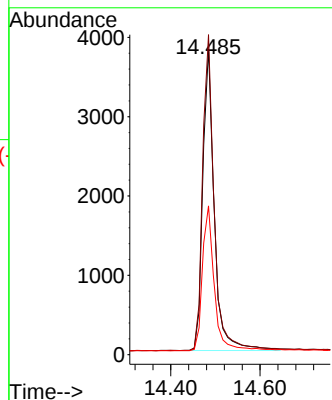
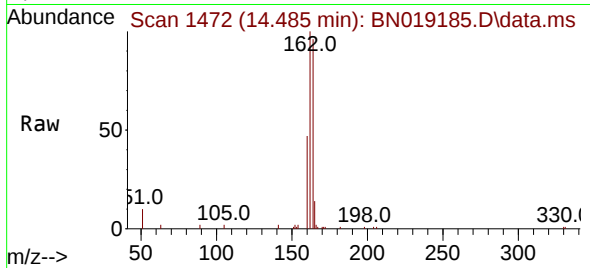




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN019185.D
Acq: 26 Mar 2022 10:20

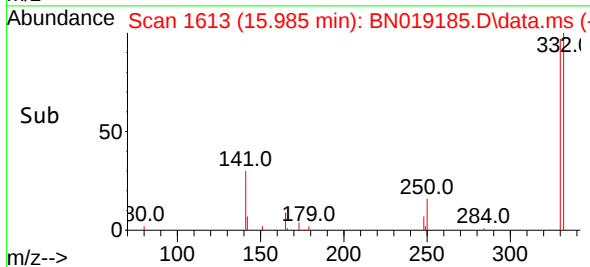
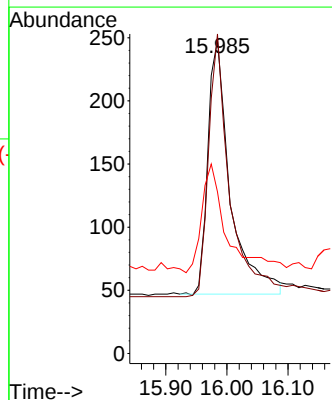
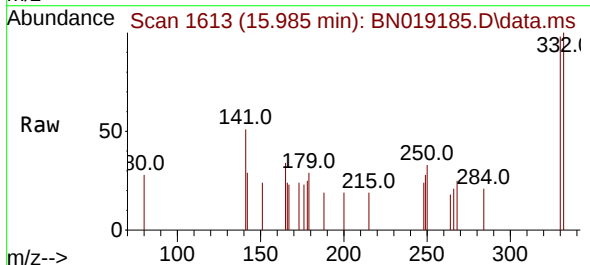
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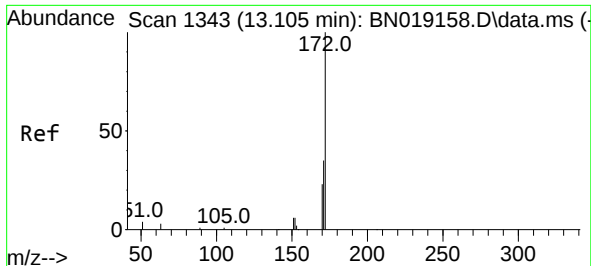
Tgt Ion:164 Resp: 6809
Ion Ratio Lower Upper
164 100
162 104.6 85.2 127.8
160 48.7 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.155 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.010 min
Lab File: BN019185.D
Acq: 26 Mar 2022 10:20

Tgt Ion:330 Resp: 512
Ion Ratio Lower Upper
330 100
332 98.2 76.8 115.2
141 48.0 32.2 48.2

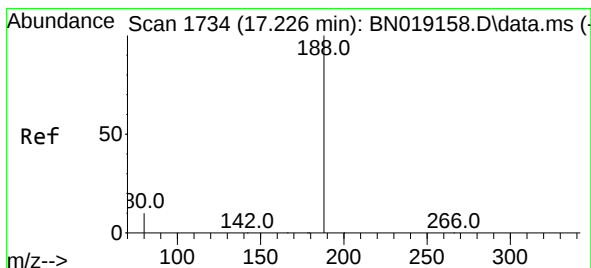
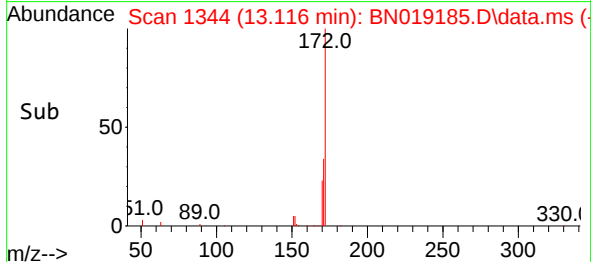
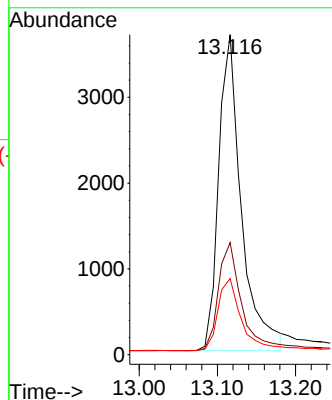
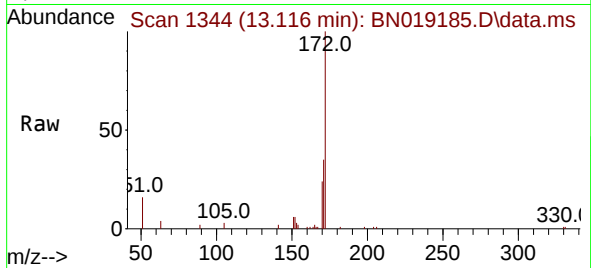




#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BN019185.D
Acq: 26 Mar 2022 10:20

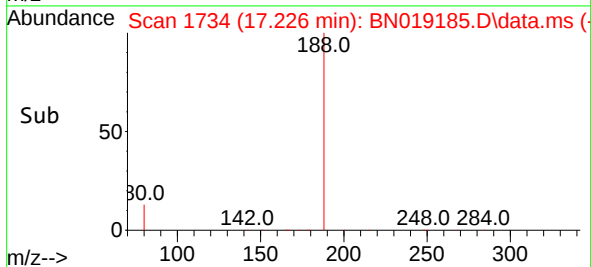
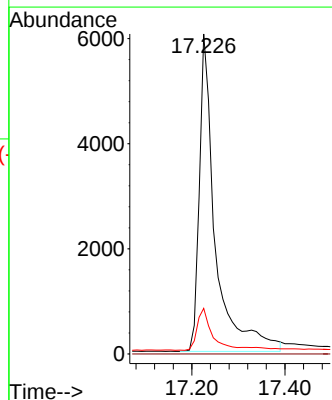
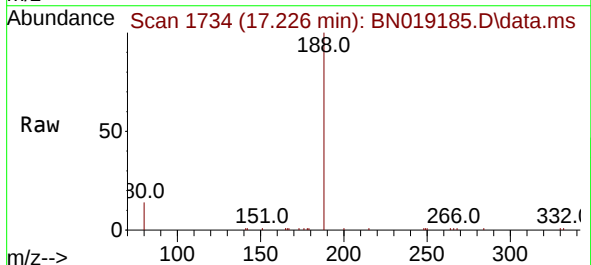
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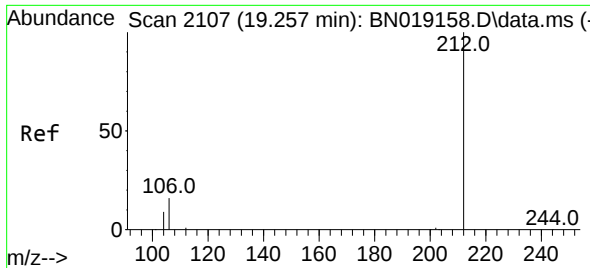
Tgt Ion:172 Resp: 7424
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.8 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN019185.D
Acq: 26 Mar 2022 10:20

Tgt Ion:188 Resp: 14402
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 11.8 17.8

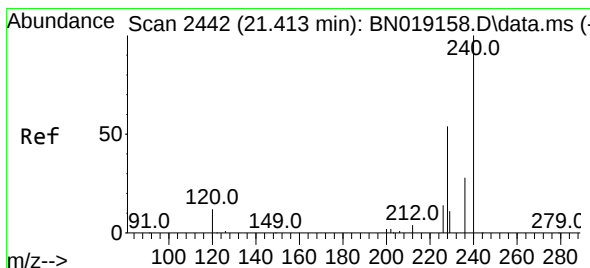
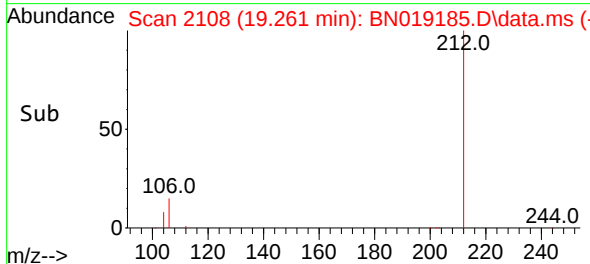
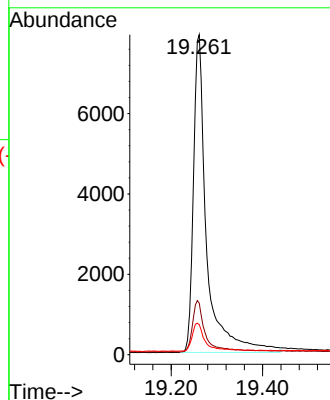
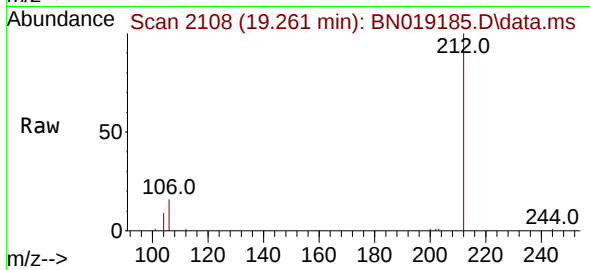




#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.261 min Scan# 2108
Delta R.T. 0.004 min
Lab File: BN019185.D
Acq: 26 Mar 2022 10:20

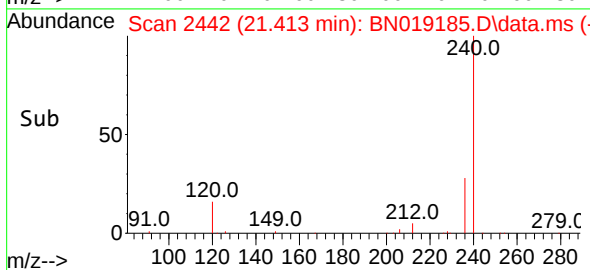
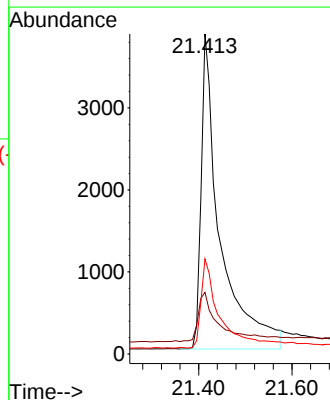
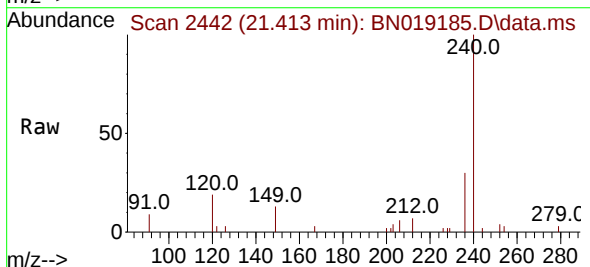
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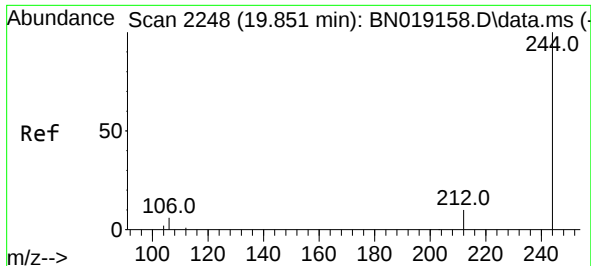
Tgt Ion:212 Resp: 15933
Ion Ratio Lower Upper
212 100
106 16.1 12.7 19.1
104 8.6 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN019185.D
Acq: 26 Mar 2022 10:20

Tgt Ion:240 Resp: 10813
Ion Ratio Lower Upper
240 100
120 19.3 8.5 12.7#
236 29.7 22.4 33.6

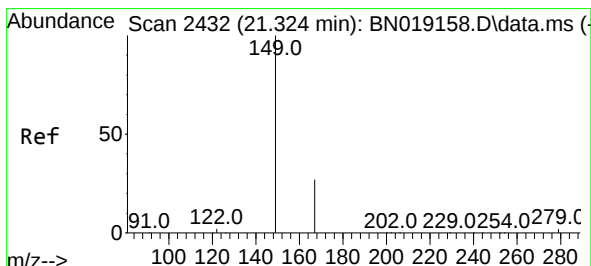
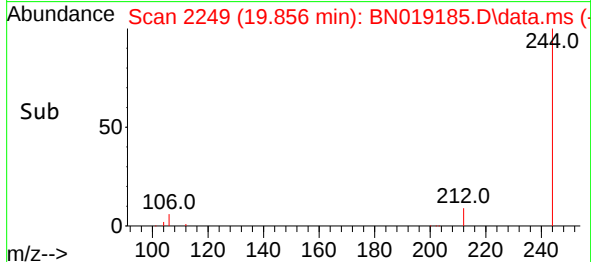
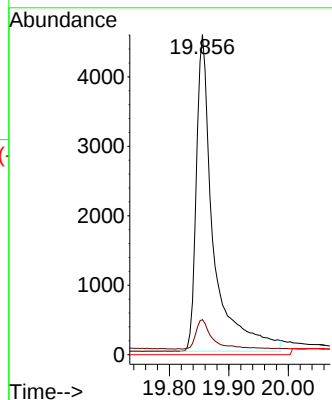
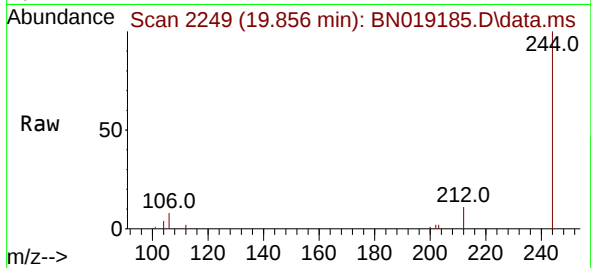




#31
 Terphenyl-d14
 Concen: 0.378 ng
 RT: 19.856 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN019185.D
 Acq: 26 Mar 2022 10:20

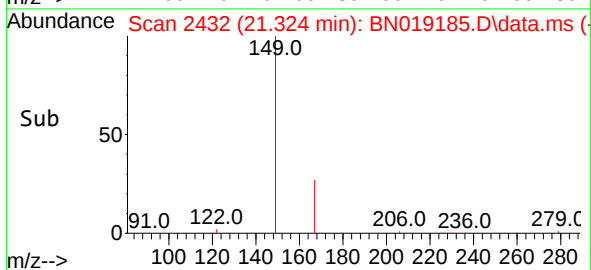
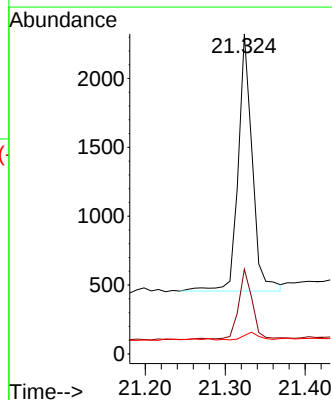
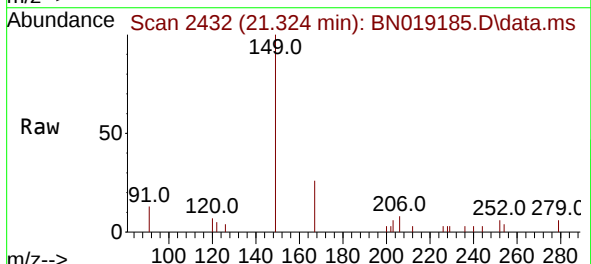
Instrument :
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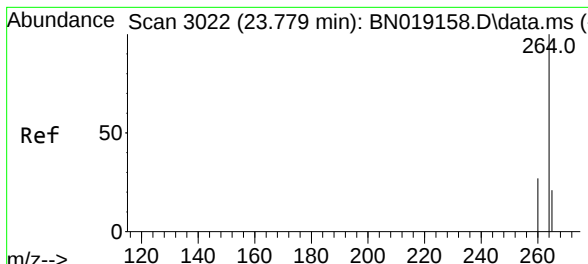
Tgt Ion:244 Resp: 9136
 Ion Ratio Lower Upper
 244 100
 212 10.9 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. 0.000 min
 Lab File: BN019185.D
 Acq: 26 Mar 2022 10:20

Tgt Ion:149 Resp: 2283
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.8 32.8
 279 3.1 2.0 3.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.782 min Scan# 30

Delta R.T. 0.003 min

Lab File: BN019185.D

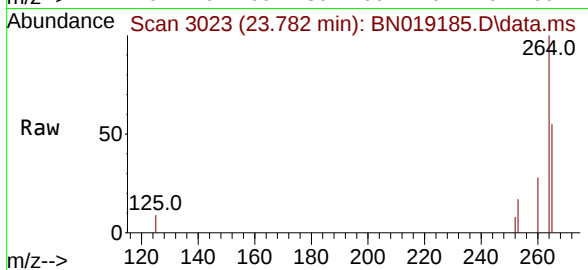
Acq: 26 Mar 2022 10:20

Instrument :

BNA_N

ClientSampleId :

FB032322



Tgt Ion:264 Resp: 9355

Ion Ratio Lower Upper

264 100

260 28.3 22.4 33.6

265 54.6 25.3 37.9#

