

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025518.D
 Acq On : 20 May 2023 11:10
 Operator : CG/JU
 Sample : 02834-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20230517

Quant Time: May 22 01:58:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

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

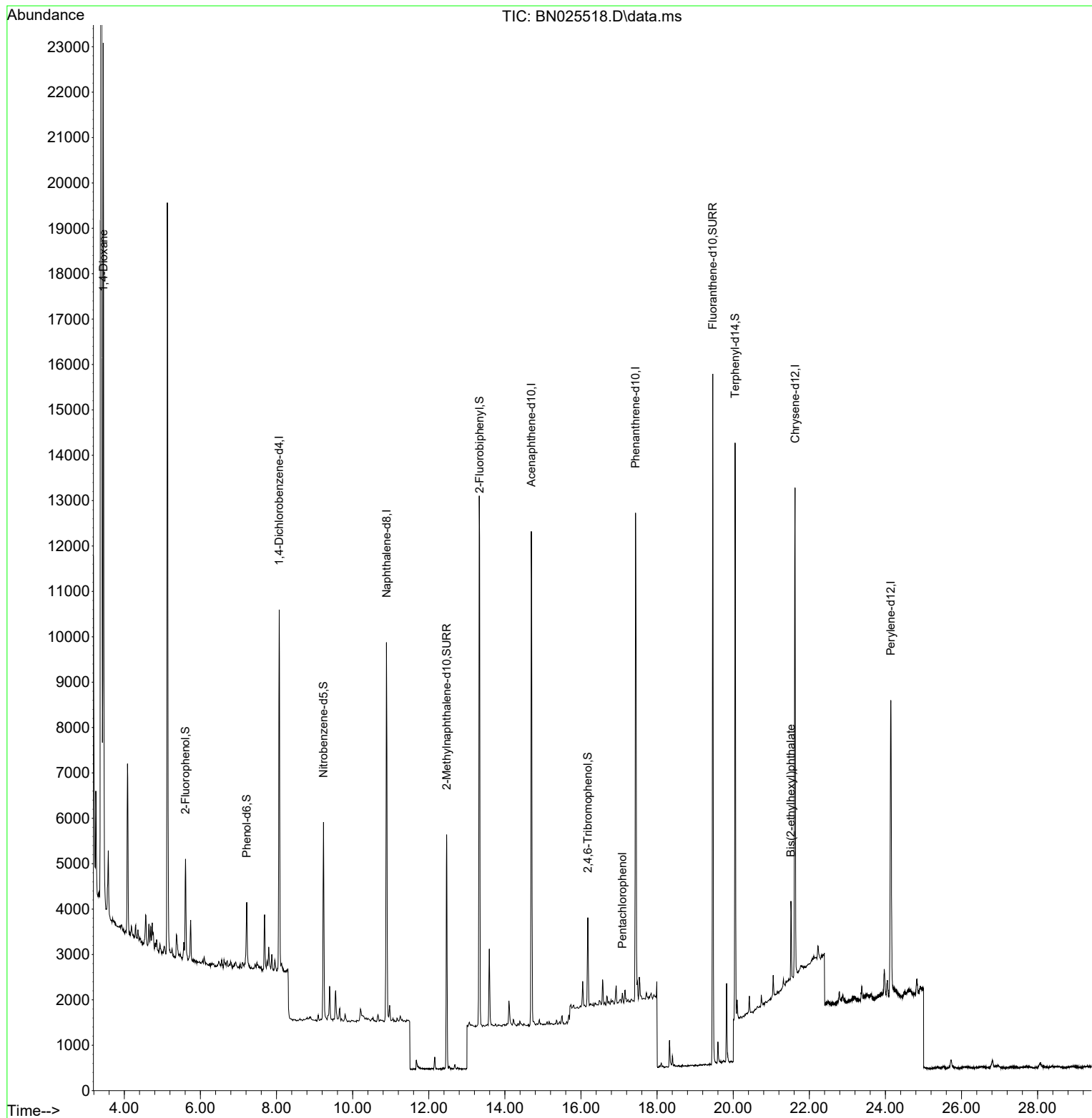
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	3822	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	10996	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	6498	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	14896	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	10337	0.400	ng	0.00
35) Perylene-d12	24.141	264	9491	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	1657	0.192	ng	0.00
5) Phenol-d6	7.218	99	1310	0.118	ng	0.00
8) Nitrobenzene-d5	9.234	82	3574	0.407	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	6854	0.448	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1051	0.415	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10825	0.435	ng	0.00
27) Fluoranthene-d10	19.465	212	16406	0.477	ng	0.00
31) Terphenyl-d14	20.049	244	10544	0.574	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	11679	2.995	ng	98
24) Pentachlorophenol	17.088	266	127	0.031	ng	98
34) Bis(2-ethylhexyl)phtha...	21.518	149	1785	0.081	ng	# 99

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

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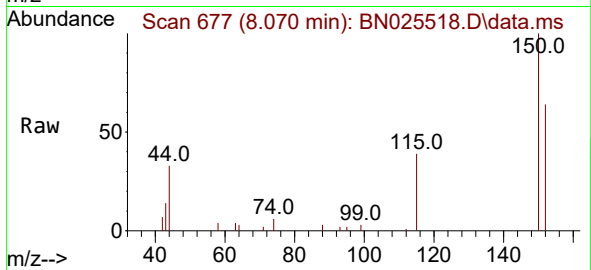
Quant Time: May 22 01:58:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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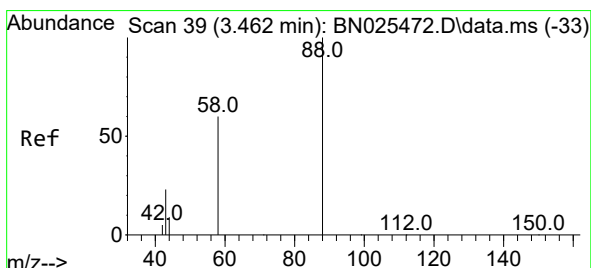
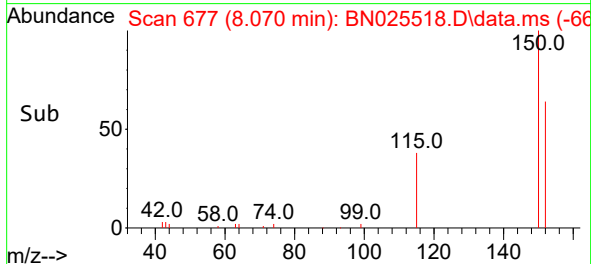
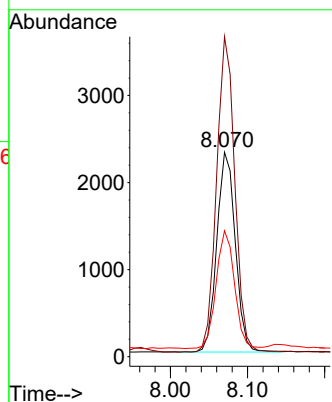
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.070 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025518.D
 Acq: 20 May 2023 11:10

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20230517



Tgt Ion:152 Resp: 3822

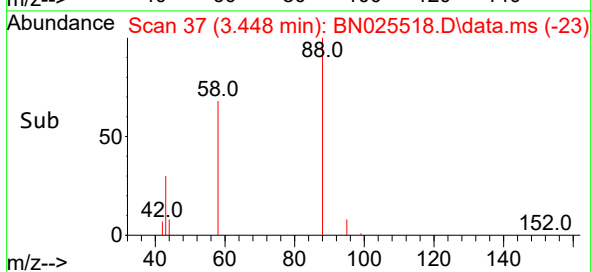
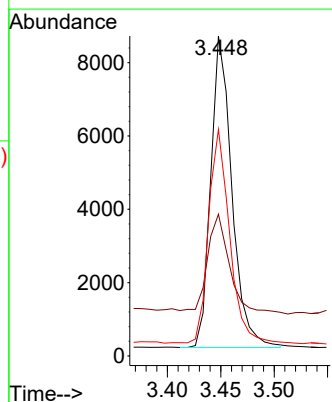
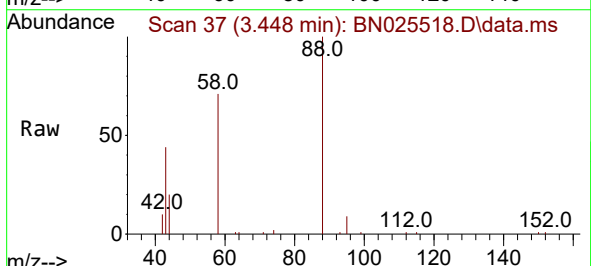
Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.3	187.9
115	61.6	50.2	75.2

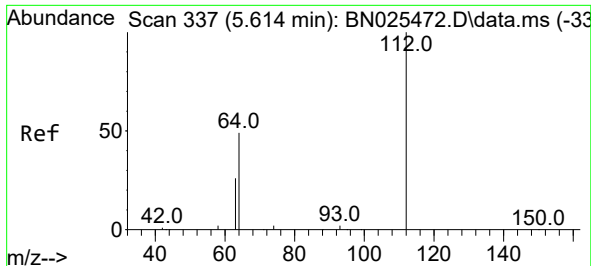


#2
 1,4-Dioxane
 Concen: 2.995 ng
 RT: 3.448 min Scan# 37
 Delta R.T. 0.000 min
 Lab File: BN025518.D
 Acq: 20 May 2023 11:10

Tgt Ion: 88 Resp: 11679

Ion	Ratio	Lower	Upper
88	100		
43	31.7	23.8	35.6
58	67.7	55.1	82.7

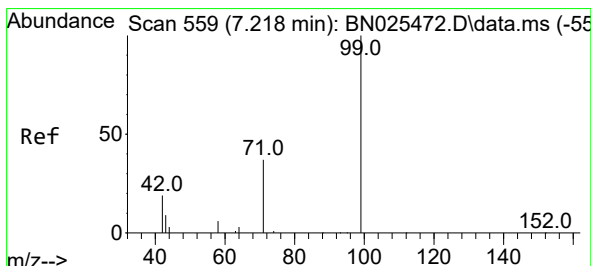
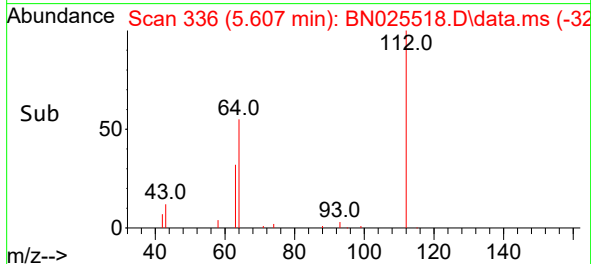
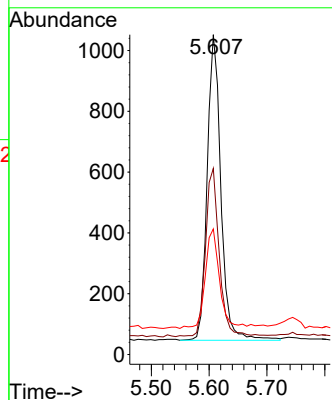
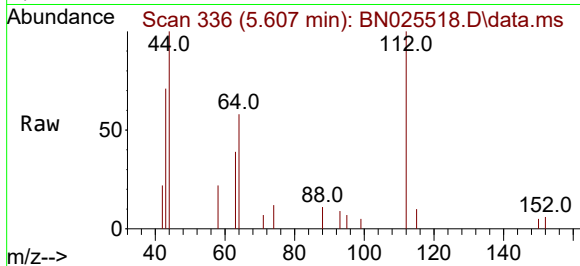




#4
2-Fluorophenol
Concen: 0.192 ng
RT: 5.607 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN025518.D
Acq: 20 May 2023 11:10

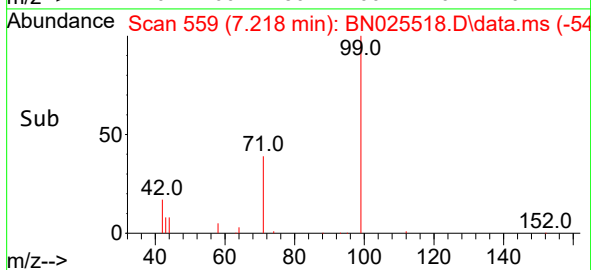
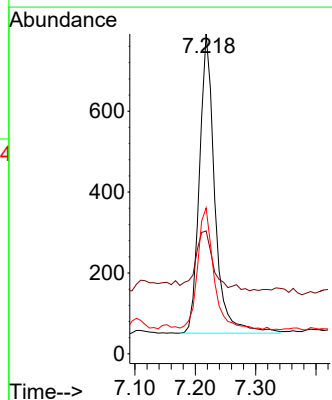
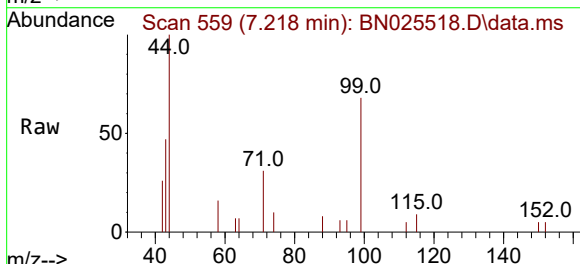
Instrument :
BNA_N
ClientSampleId :
RE125D3-20230517

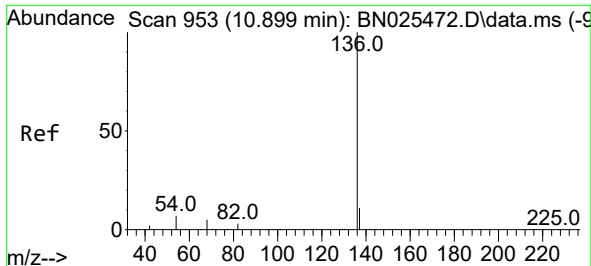
Tgt Ion:112 Resp: 1657
Ion Ratio Lower Upper
112 100
64 55.7 44.0 66.0
63 34.0 24.0 36.0



#5
Phenol-d6
Concen: 0.118 ng
RT: 7.218 min Scan# 559
Delta R.T. 0.000 min
Lab File: BN025518.D
Acq: 20 May 2023 11:10

Tgt Ion: 99 Resp: 1310
Ion Ratio Lower Upper
99 100
42 23.6 15.8 23.8
71 43.3 28.6 43.0#

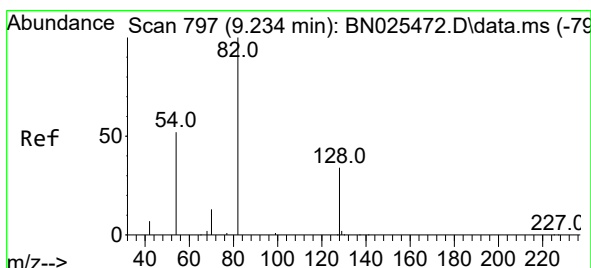
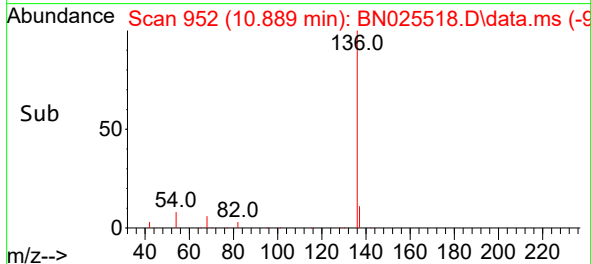
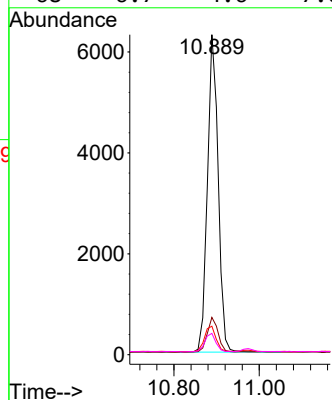
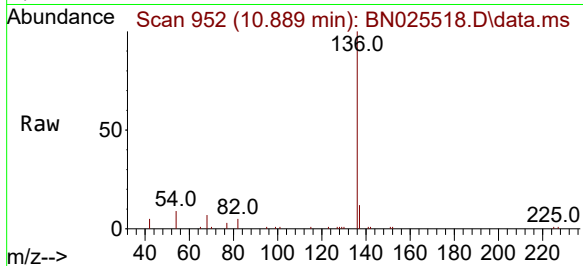




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN025518.D
Acq: 20 May 2023 11:10

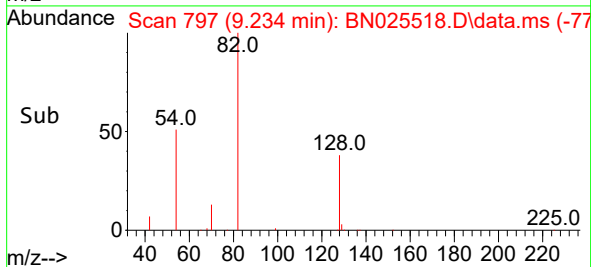
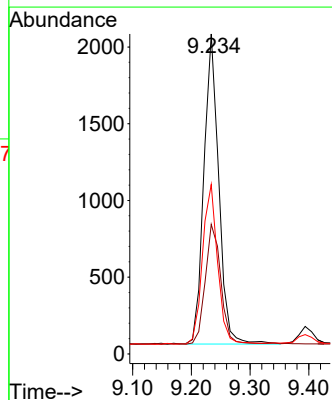
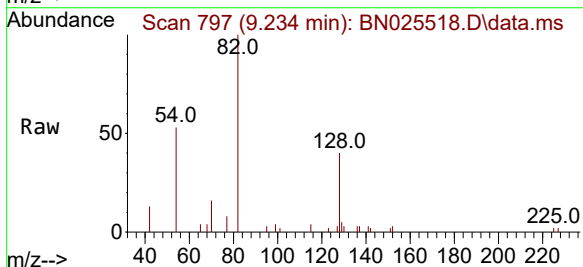
Instrument :
BNA_N
ClientSampleId :
RE125D3-20230517

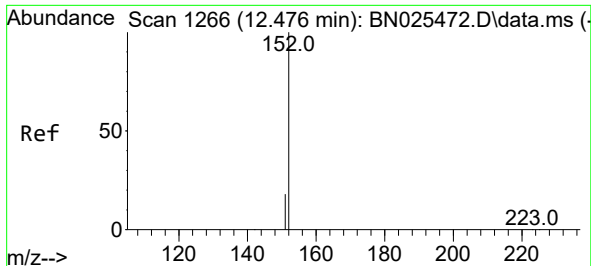
Tgt Ion:136	Resp:	10996
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	8.9	5.8 8.6#
68	6.7	4.6 7.0



#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 9.234 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN025518.D
Acq: 20 May 2023 11:10

Tgt Ion: 82	Resp:	3574
Ion Ratio	Lower	Upper
82	100	
128	40.5	27.9 41.9
54	52.9	42.4 63.6

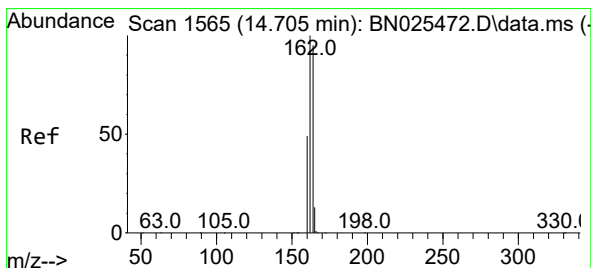
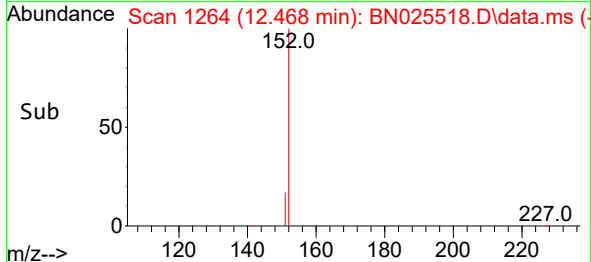
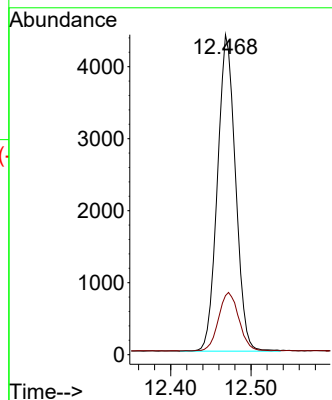
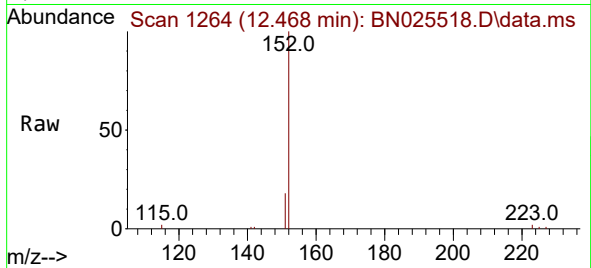




#11
2-Methylnaphthalene-d10
Concen: 0.448 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN025518.D
Acq: 20 May 2023 11:10

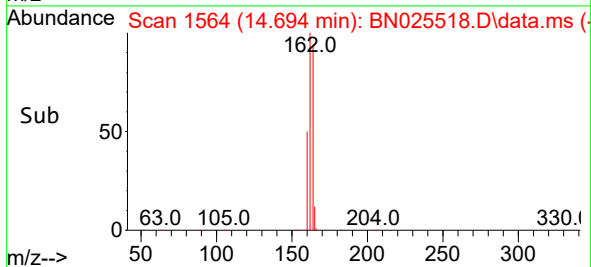
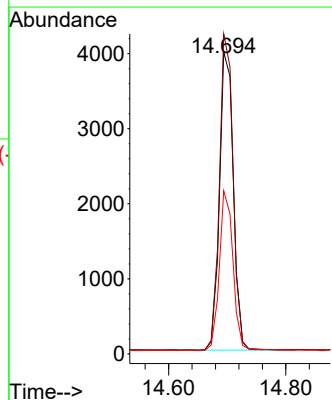
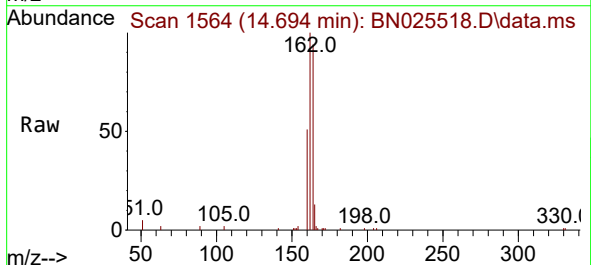
Instrument :
BNA_N
ClientSampleId :
RE125D3-20230517

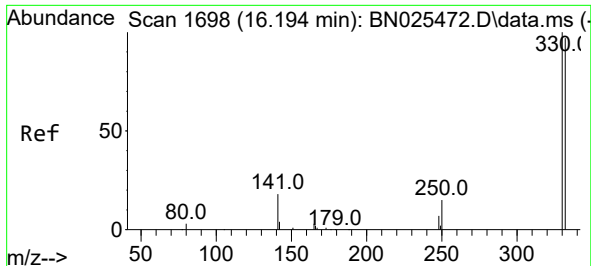
Tgt Ion:152 Resp: 6854
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN025518.D
Acq: 20 May 2023 11:10

Tgt Ion:164 Resp: 6498
Ion Ratio Lower Upper
164 100
162 106.0 84.2 126.2
160 54.1 41.4 62.2

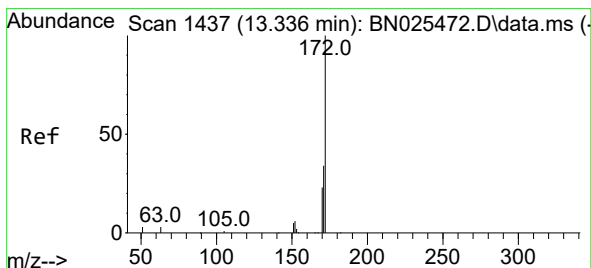
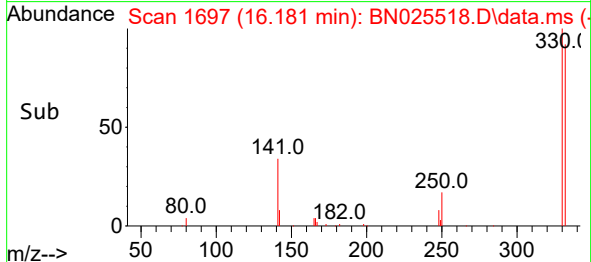
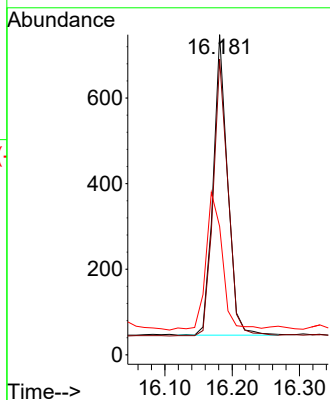
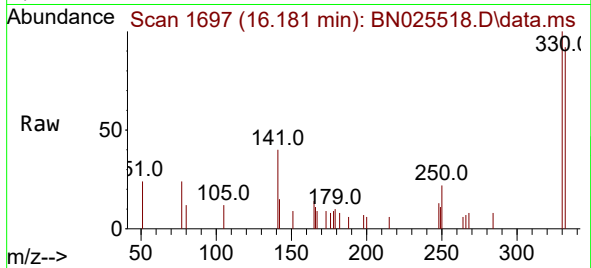




#14
2,4,6-Tribromophenol
Concen: 0.415 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025518.D
Acq: 20 May 2023 11:10

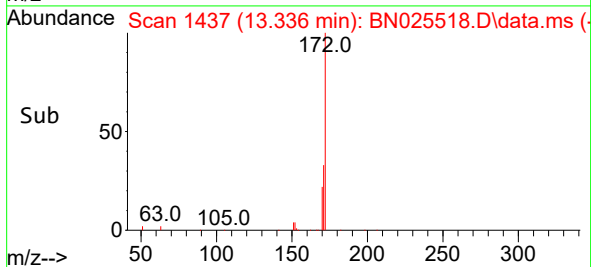
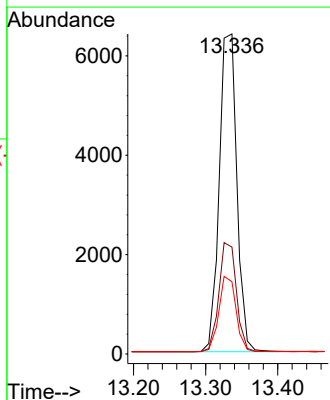
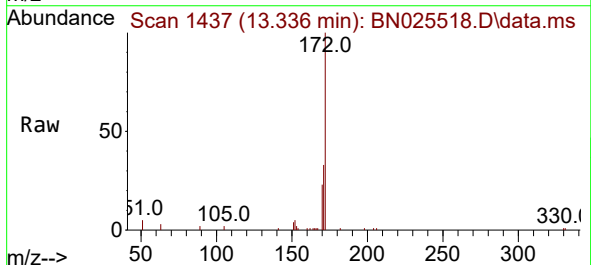
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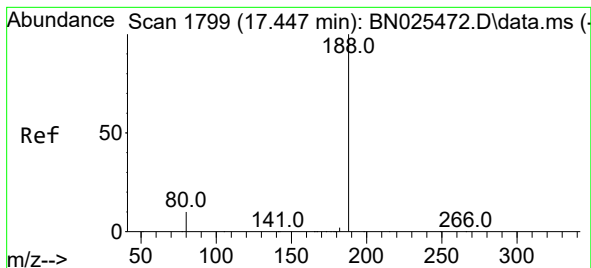
Tgt Ion:330 Resp: 1051
Ion Ratio Lower Upper
330 100
332 95.1 76.1 114.1
141 52.1 36.1 54.1



#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 13.336 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN025518.D
Acq: 20 May 2023 11:10

Tgt Ion:172 Resp: 10825
Ion Ratio Lower Upper
172 100
171 33.4 27.6 41.4
170 22.6 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.435 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025518.D

Acq: 20 May 2023 11:10

Instrument :

BNA_N

ClientSampleId :

RE125D3-20230517

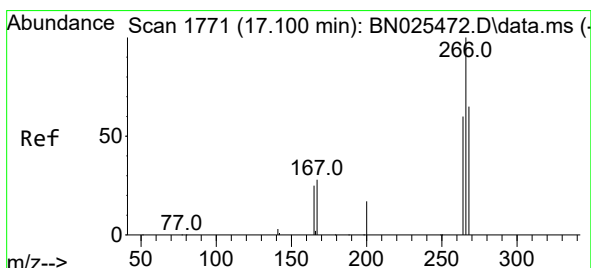
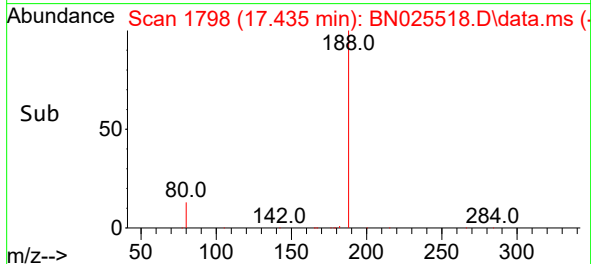
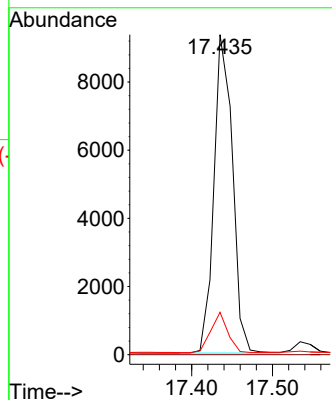
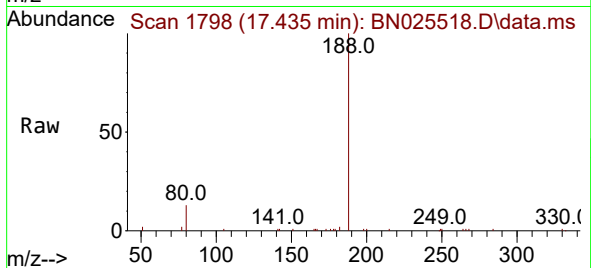
Tgt Ion:188 Resp: 14896

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 8.2 12.4#



#24

Pentachlorophenol

Concen: 0.031 ng

RT: 17.088 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BN025518.D

Acq: 20 May 2023 11:10

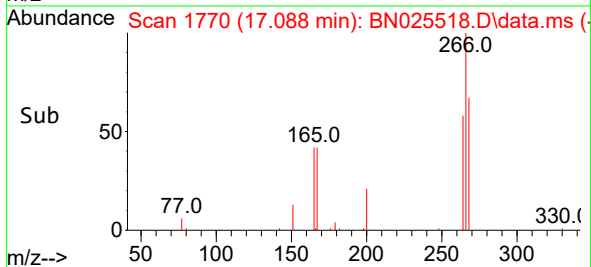
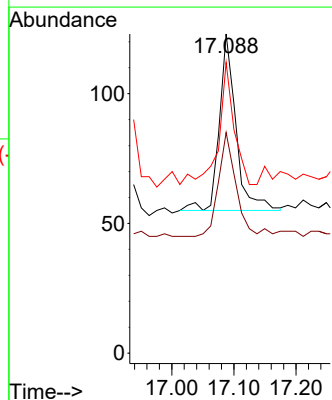
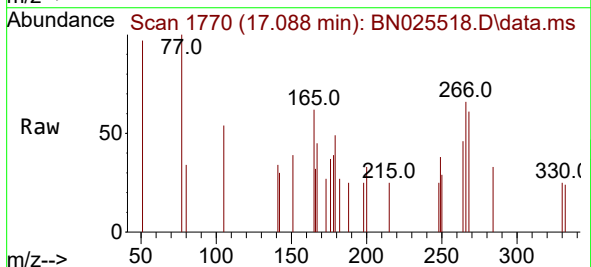
Tgt Ion:266 Resp: 127

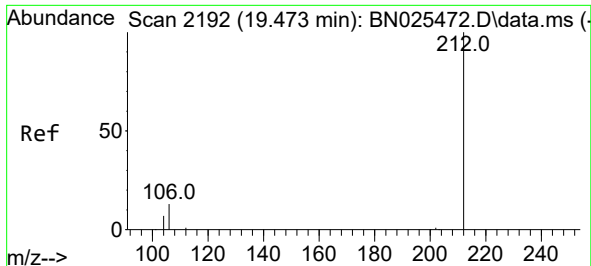
Ion Ratio Lower Upper

266 100

264 60.6 49.8 74.8

268 63.0 51.0 76.6

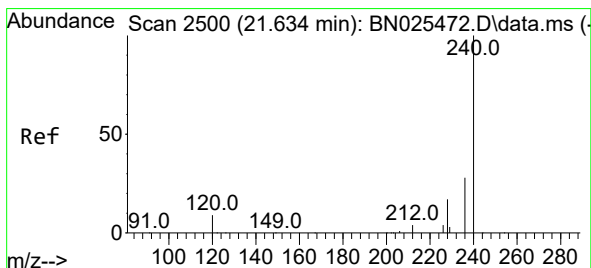
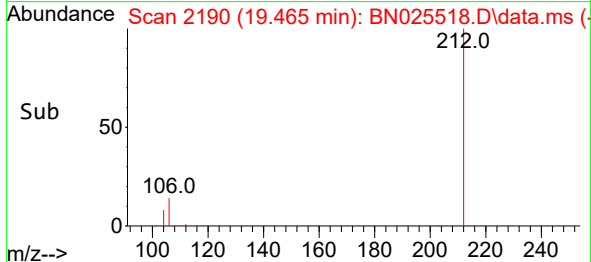
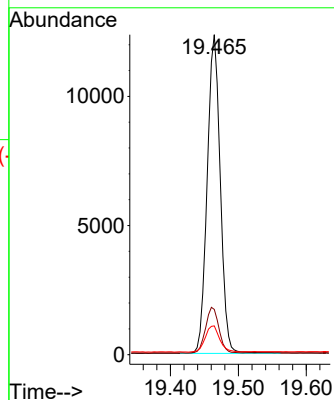
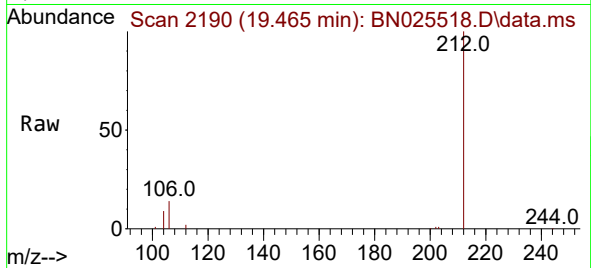




#27
Fluoranthene-d10
Concen: 0.477 ng
RT: 19.465 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BN025518.D
Acq: 20 May 2023 11:10

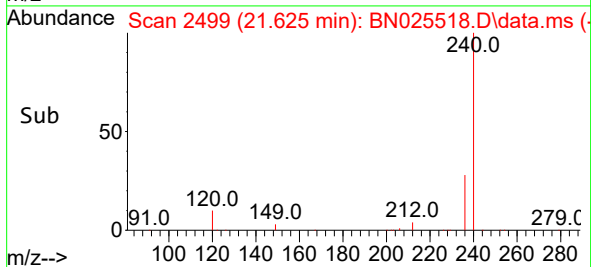
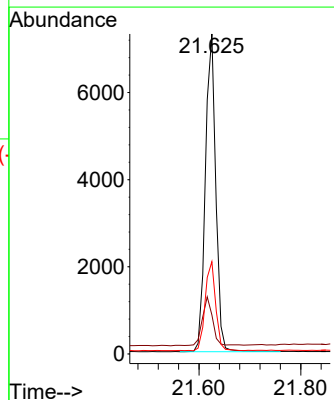
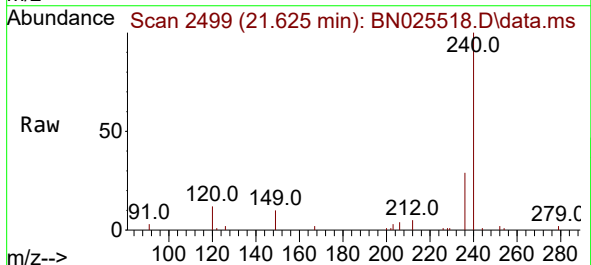
Instrument :
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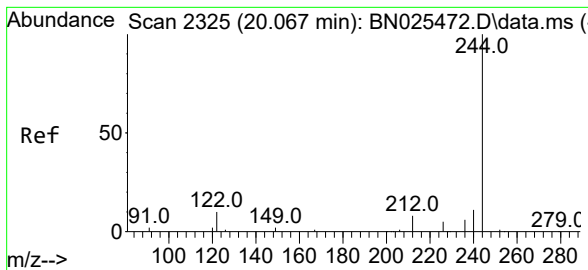
Tgt Ion:212 Resp: 16406
Ion Ratio Lower Upper
212 100
106 14.6 11.4 17.2
104 9.0 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2499
Delta R.T. 0.009 min
Lab File: BN025518.D
Acq: 20 May 2023 11:10

Tgt Ion:240 Resp: 10337
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 28.9 22.7 34.1





#31

Terphenyl-d14

Concen: 0.574 ng

RT: 20.049 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025518.D

Acq: 20 May 2023 11:10

Instrument :

BNA_N

ClientSampleId :

RE125D3-20230517

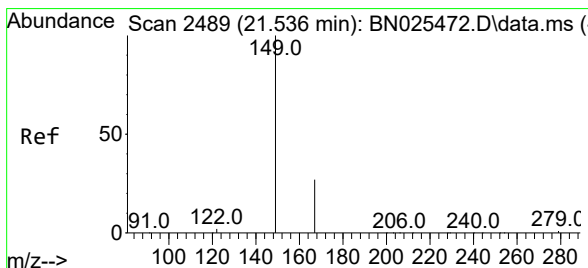
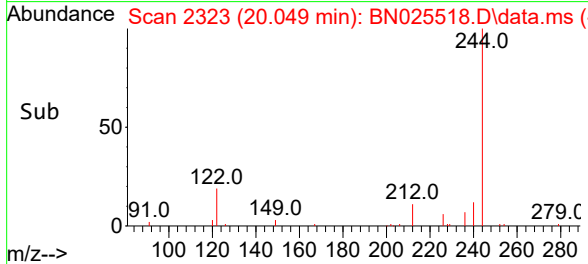
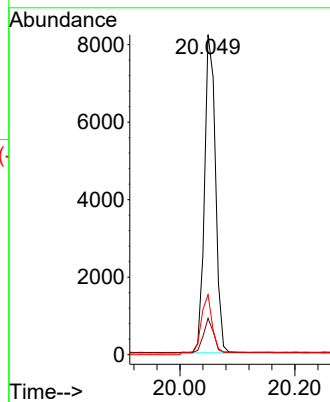
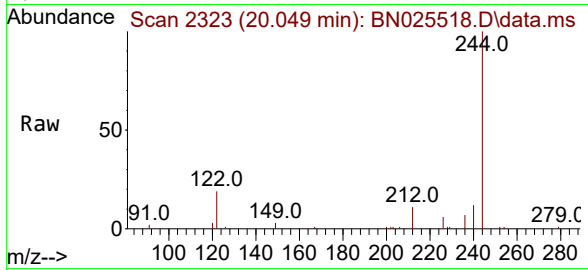
Tgt Ion:244 Resp: 10544

Ion Ratio Lower Upper

244 100

212 11.4 6.6 10.0#

122 18.8 8.1 12.1#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 21.518 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BN025518.D

Acq: 20 May 2023 11:10

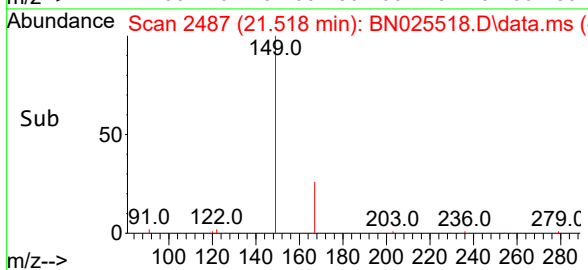
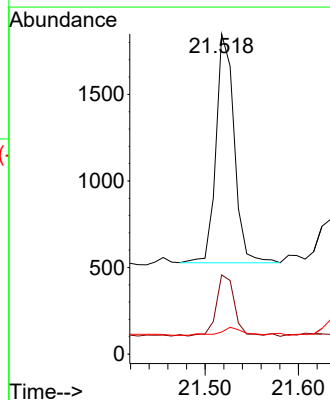
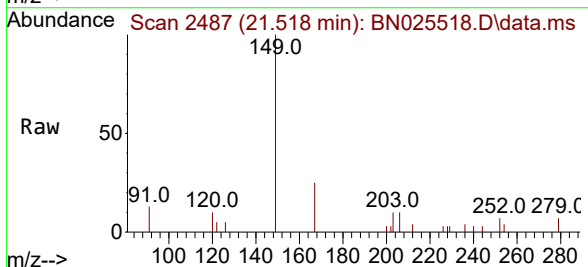
Tgt Ion:149 Resp: 1785

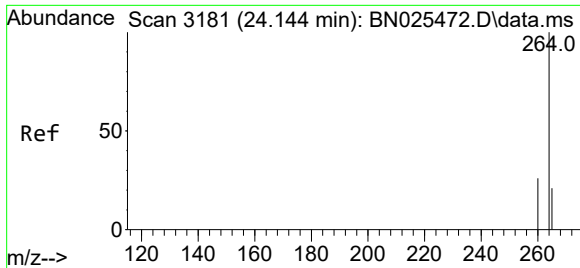
Ion Ratio Lower Upper

149 100

167 27.9 22.0 33.0

279 4.4 2.6 3.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.141 min Scan# 31

Delta R.T. 0.020 min

Lab File: BN025518.D

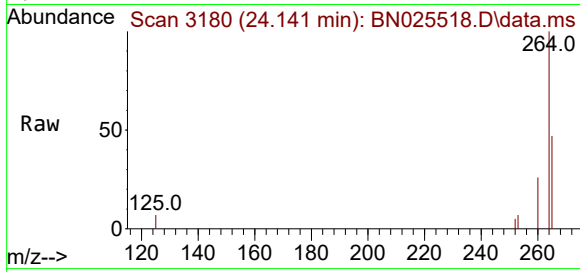
Acq: 20 May 2023 11:10

Instrument :

BNA_N

ClientSampleId :

RE125D3-20230517



Tgt Ion:264 Resp: 9491

Ion Ratio Lower Upper

264 100

260 26.3 21.2 31.8

265 46.5 27.1 40.7#

