

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026729.D
 Acq On : 25 Jul 2023 01:49
 Operator : MA/JU
 Sample : 03630-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230713

Quant Time: Jul 25 03:26:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

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

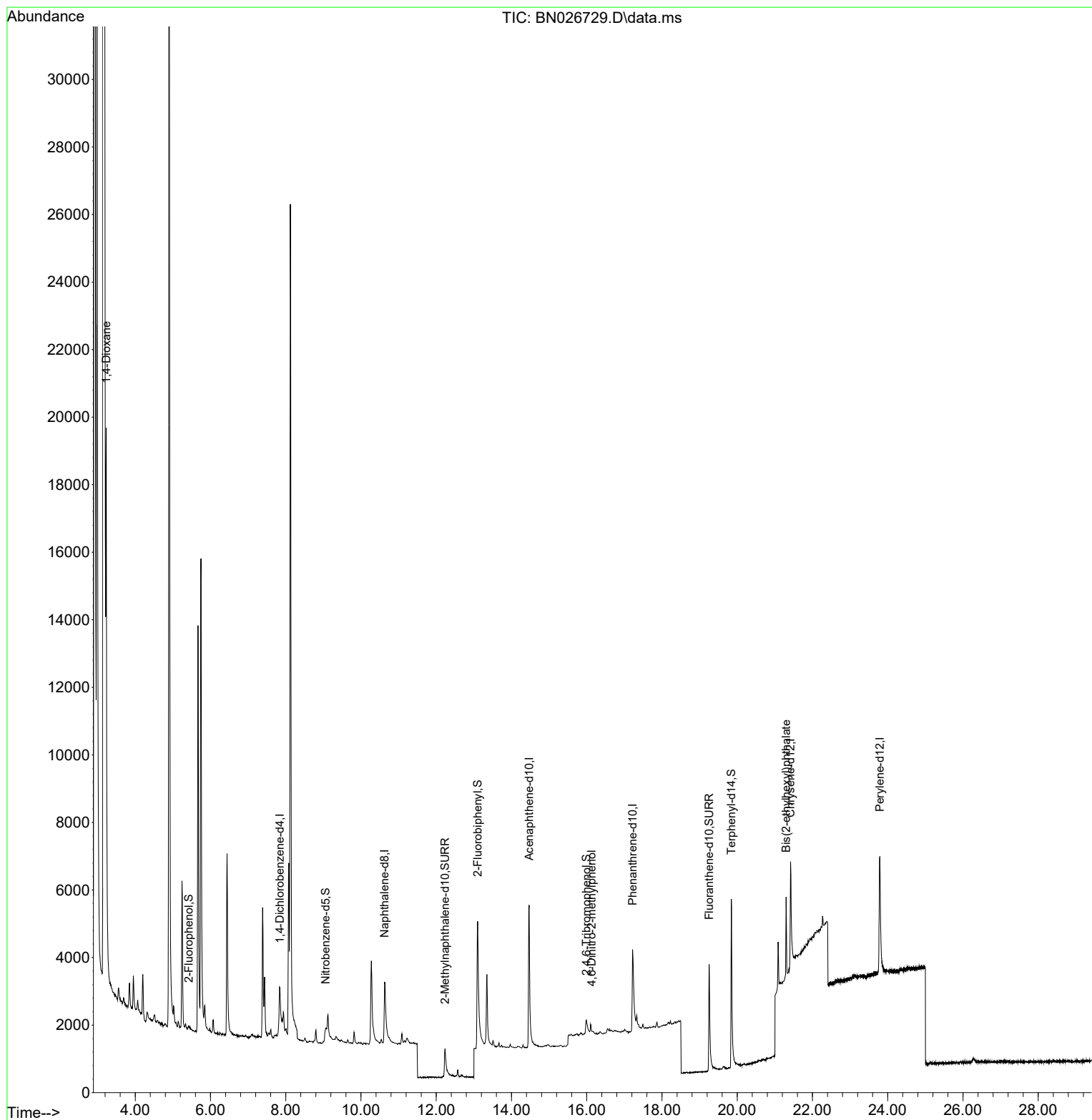
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	1525	0.400	ng	0.00
7) Naphthalene-d8	10.629	136	5070	0.400	ng	# 0.00
13) Acenaphthene-d10	14.470	164	3787	0.400	ng	0.01
19) Phenanthrene-d10	17.219	188	7049	0.400	ng	0.00
29) Chrysene-d12	21.417	240	5147	0.400	ng	0.00
35) Perylene-d12	23.788	264	6465	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	175	0.047	ng	0.00
5) Phenol-d6	7.012	99	7	0.001	ng	-0.03
8) Nitrobenzene-d5	9.059	82	1312	0.303	ng	0.02
11) 2-Methylnaphthalene-d10	12.234	152	2408	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.991	330	384	0.279	ng	0.01
15) 2-Fluorobiphenyl	13.101	172	6215	0.425	ng	0.00
27) Fluoranthene-d10	19.254	212	6066	0.406	ng	0.00
31) Terphenyl-d14	19.844	244	8003	0.608	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	8740	5.418	ng	# 93
20) 4,6-Dinitro-2-methylph...	16.127	198	3	0.061	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.301	149	2336	0.141	ng	# 93

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

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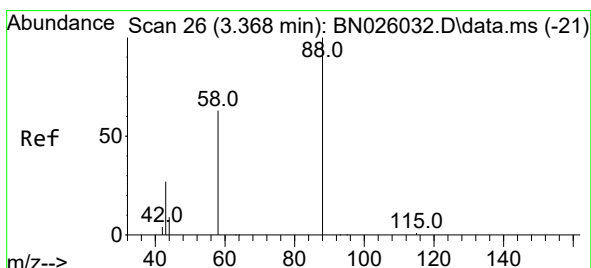
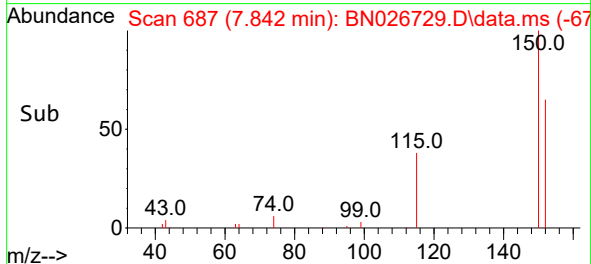
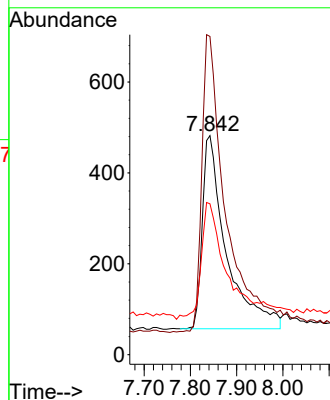
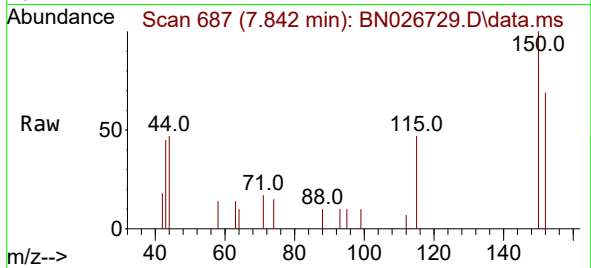




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.842 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN026729.D
 Acq: 25 Jul 2023 01:49

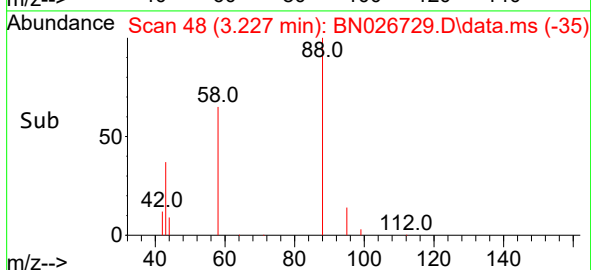
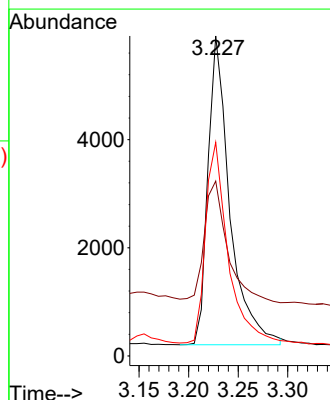
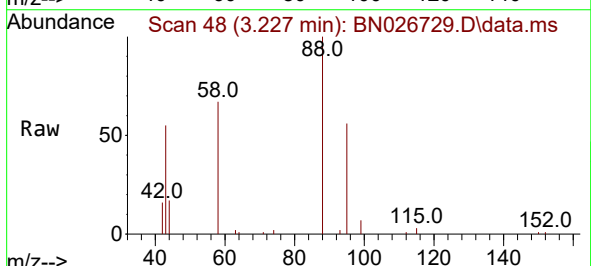
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230713

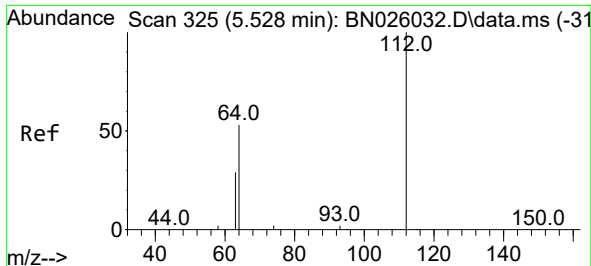
Tgt Ion:152 Resp: 1525
 Ion Ratio Lower Upper
 152 100
 150 145.2 124.7 187.1
 115 68.9 48.2 72.4



#2
 1,4-Dioxane
 Concen: 5.418 ng
 RT: 3.227 min Scan# 48
 Delta R.T. -0.007 min
 Lab File: BN026729.D
 Acq: 25 Jul 2023 01:49

Tgt Ion: 88 Resp: 8740
 Ion Ratio Lower Upper
 88 100
 43 42.1 24.2 36.4#
 58 66.5 53.3 79.9

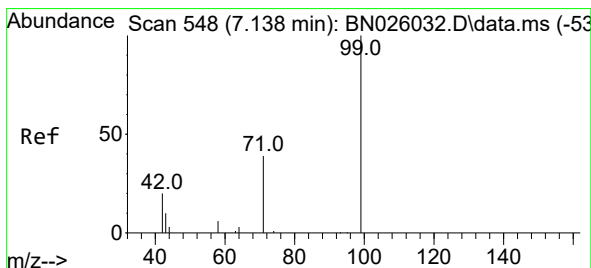
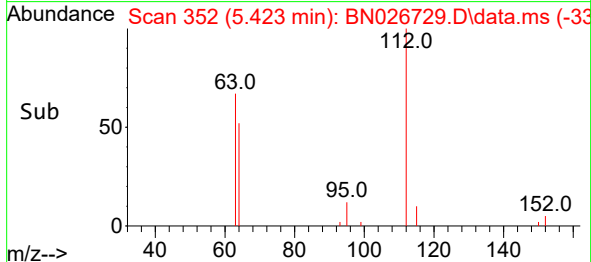
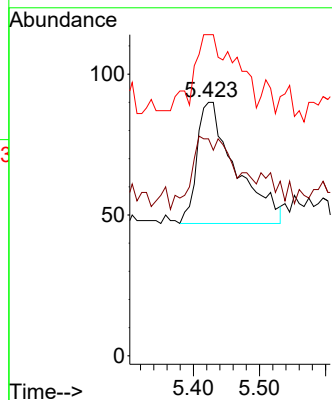
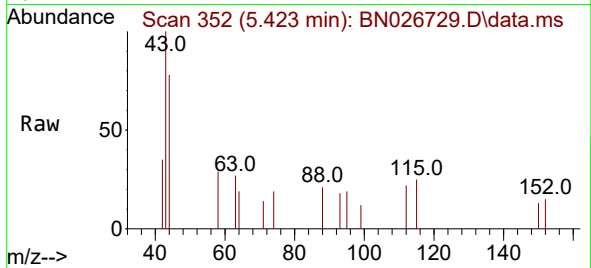




#4
2-Fluorophenol
Concen: 0.047 ng
RT: 5.423 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN026729.D
Acq: 25 Jul 2023 01:49

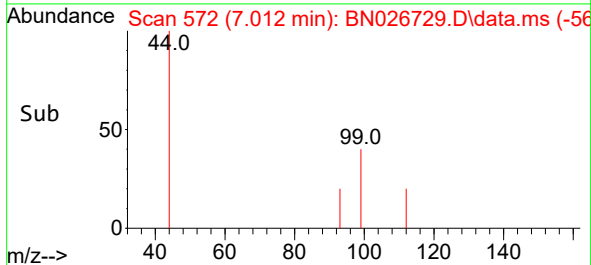
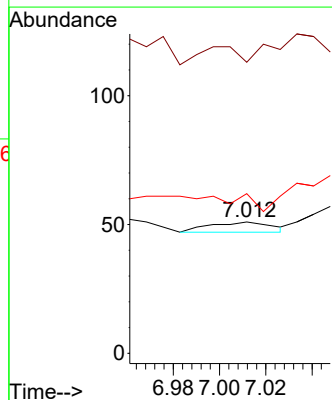
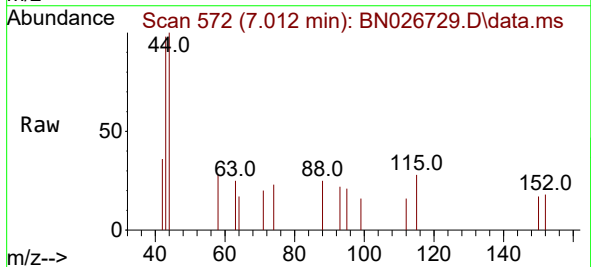
Instrument :
BNA_N
ClientSampleId :
SP-100-20230713

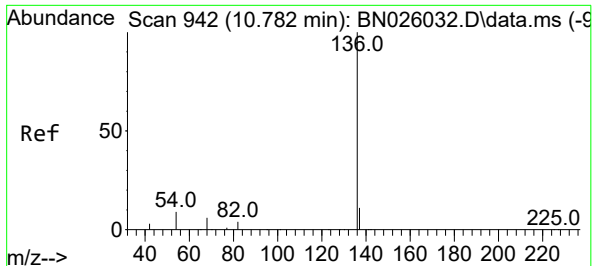
Tgt Ion:112 Resp: 175
Ion Ratio Lower Upper
112 100
64 33.7 45.8 68.6#
63 43.4 27.4 41.2#



#5
Phenol-d6
Concen: 0.001 ng
RT: 7.012 min Scan# 572
Delta R.T. -0.029 min
Lab File: BN026729.D
Acq: 25 Jul 2023 01:49

Tgt Ion: 99 Resp: 7
Ion Ratio Lower Upper
99 100
42 114.3 18.4 27.6#
71 0.0 30.6 46.0#

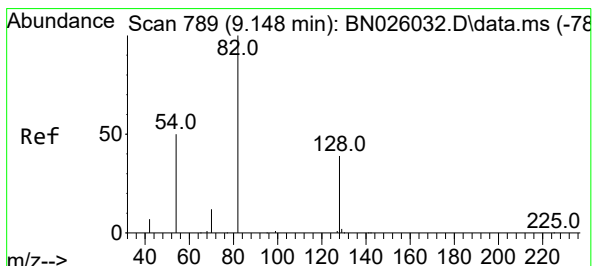
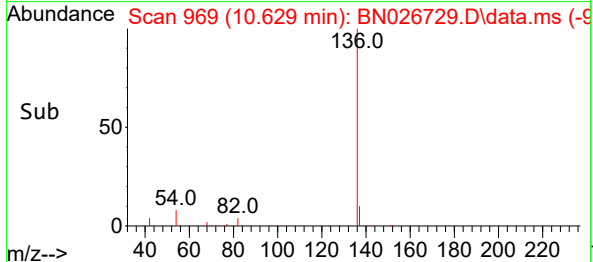
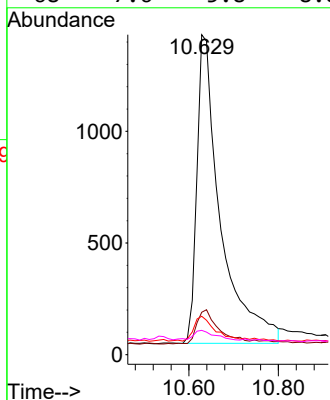
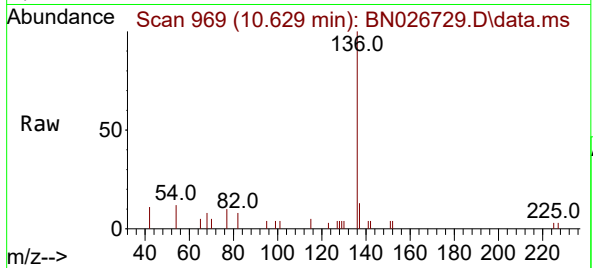




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.629 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN026729.D
Acq: 25 Jul 2023 01:49

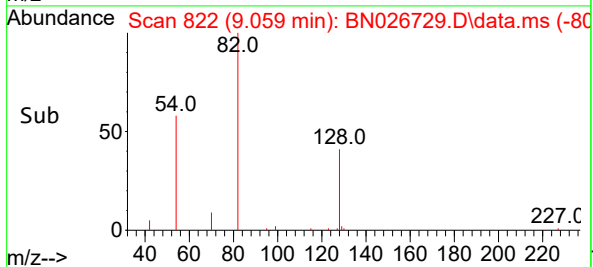
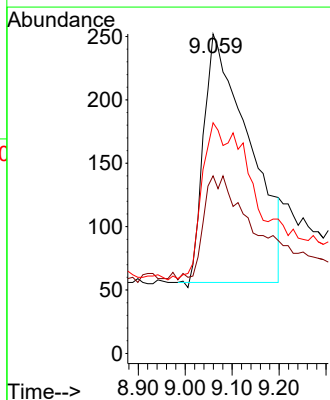
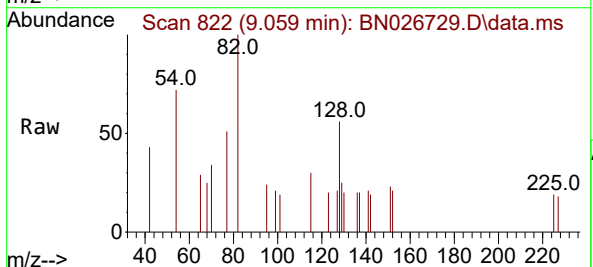
Instrument :
BNA_N
ClientSampleId :
SP-100-20230713

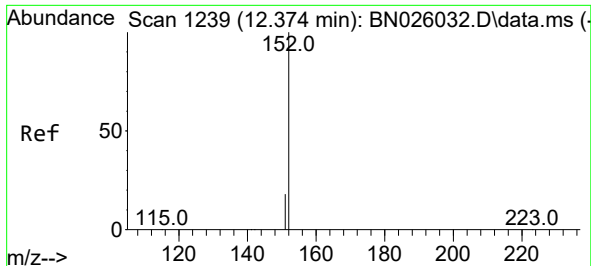
Tgt Ion:136	Resp:	5070
Ion Ratio	Lower	Upper
136	100	
137	13.3	9.0 13.4
54	12.0	7.8 11.6#
68	7.6	5.8 8.8



#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 9.059 min Scan# 822
Delta R.T. 0.022 min
Lab File: BN026729.D
Acq: 25 Jul 2023 01:49

Tgt Ion: 82	Resp:	1312
Ion Ratio	Lower	Upper
82	100	
128	55.6	33.4 50.2#
54	72.2	41.7 62.5#

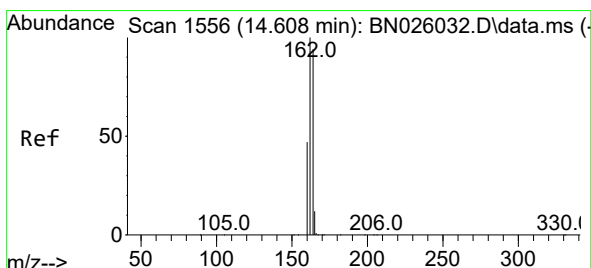
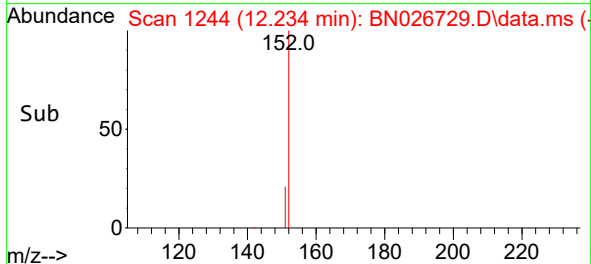
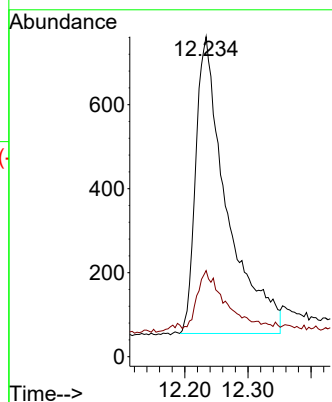
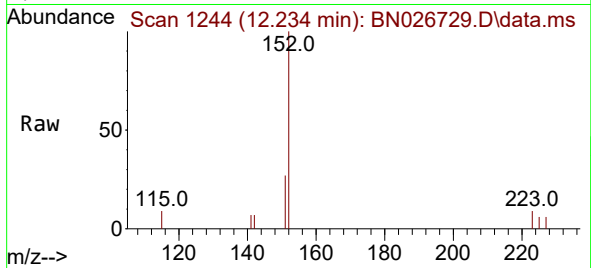




#11
 2-Methylnaphthalene-d10
 Concen: 0.325 ng
 RT: 12.234 min Scan# 11
 Delta R.T. 0.004 min
 Lab File: BN026729.D
 Acq: 25 Jul 2023 01:49

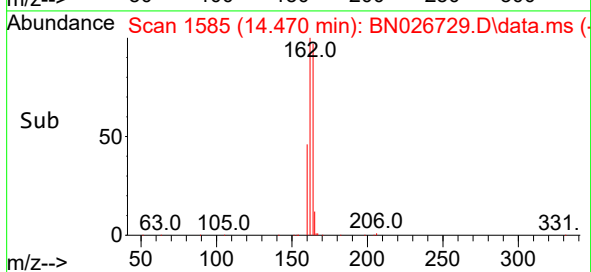
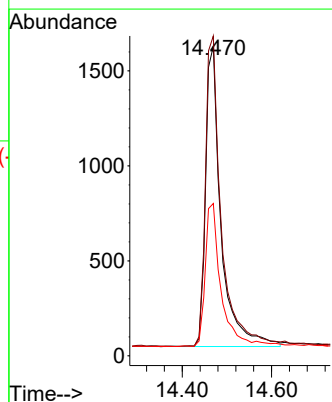
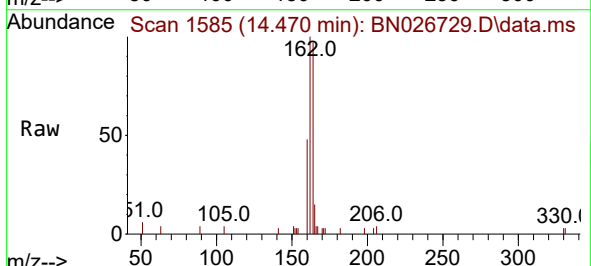
Instrument :
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 ClientSampleId :
 SP-100-20230713

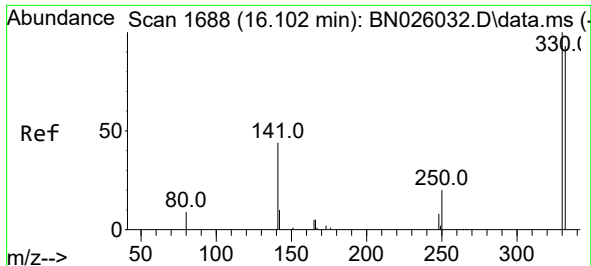
Tgt Ion:152 Resp: 2408
 Ion Ratio Lower Upper
 152 100
 151 18.5 16.2 24.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.470 min Scan# 1585
 Delta R.T. 0.011 min
 Lab File: BN026729.D
 Acq: 25 Jul 2023 01:49

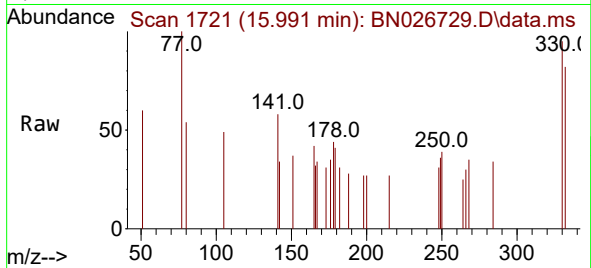
Tgt Ion:164 Resp: 3787
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.3 127.9
 160 49.2 40.0 60.0



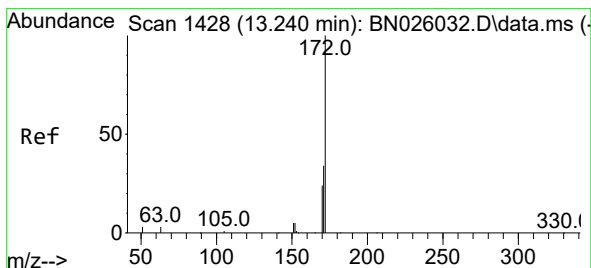
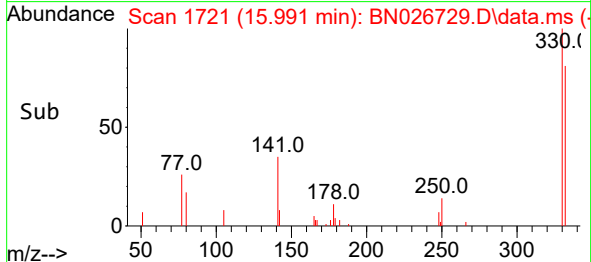
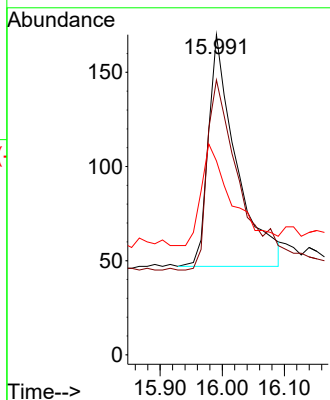


#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.991 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN026729.D
Acq: 25 Jul 2023 01:49

Instrument :
BNA_N
ClientSampleId :
SP-100-20230713

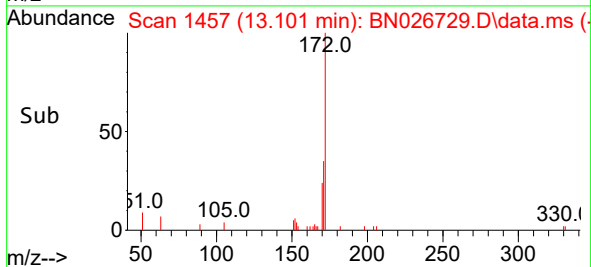
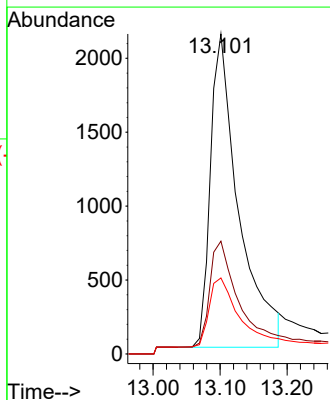
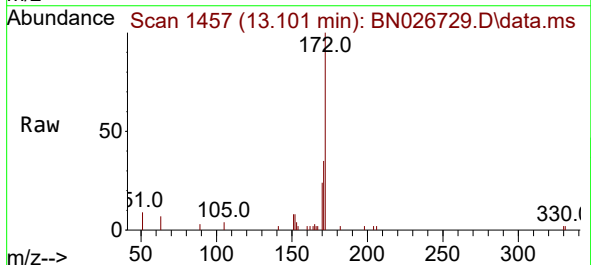


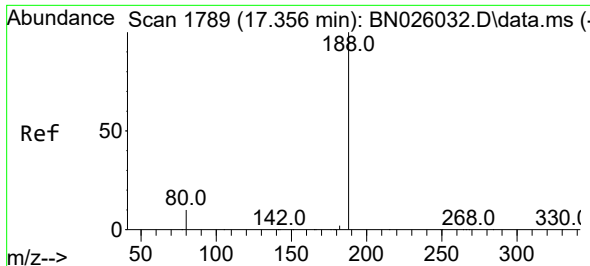
Tgt Ion:330 Resp: 384
Ion Ratio Lower Upper
330 100
332 93.8 76.0 114.0
141 49.2 42.8 64.2



#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.101 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BN026729.D
Acq: 25 Jul 2023 01:49

Tgt Ion:172 Resp: 6215
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.7 19.3 28.9

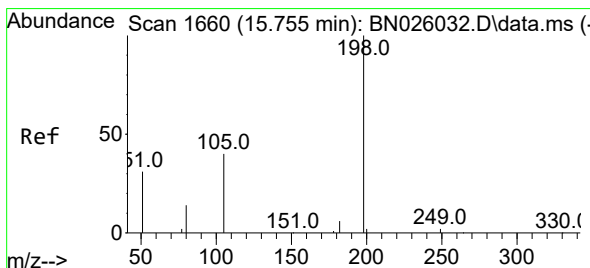
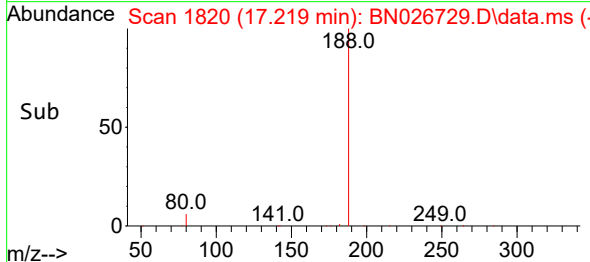
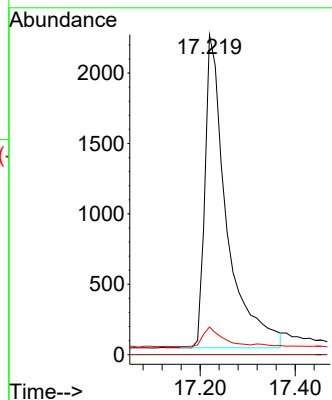
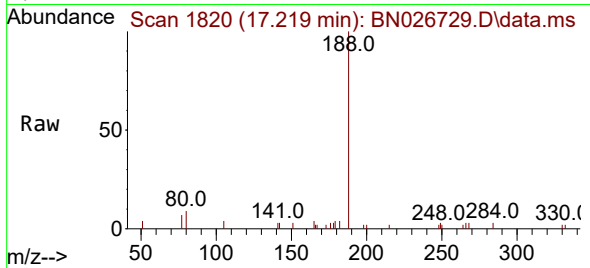




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.219 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN026729.D
Acq: 25 Jul 2023 01:49

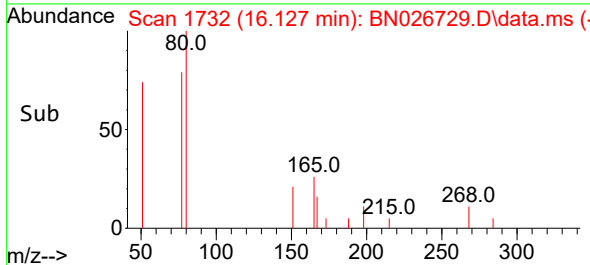
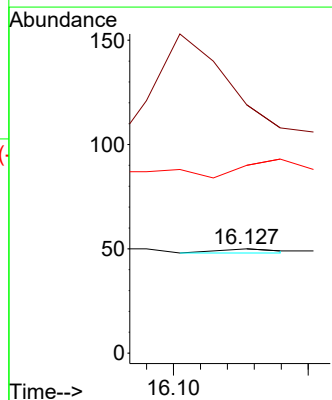
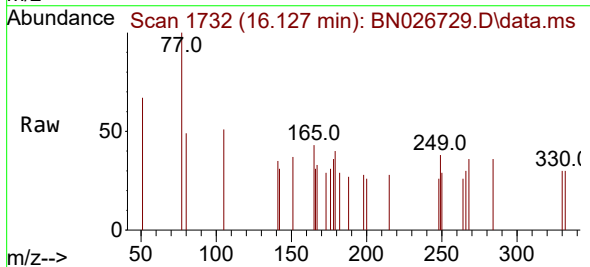
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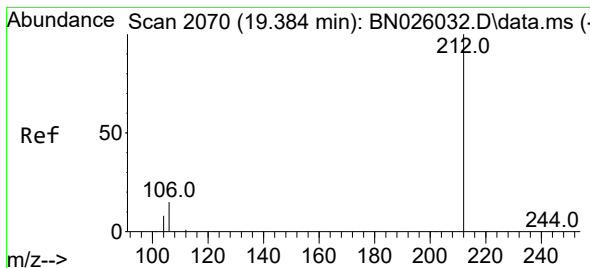
Tgt Ion:188 Resp: 7049
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 8.6 13.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.061 ng
RT: 16.127 min Scan# 1732
Delta R.T. -0.025 min
Lab File: BN026729.D
Acq: 25 Jul 2023 01:49

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 238.0 85.8 128.8#
105 180.0 48.2 72.2#





#27

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.254 min Scan# 2070

Delta R.T. 0.005 min

Lab File: BN026729.D

Acq: 25 Jul 2023 01:49

Instrument :

BNA_N

ClientSampleId :

SP-100-20230713

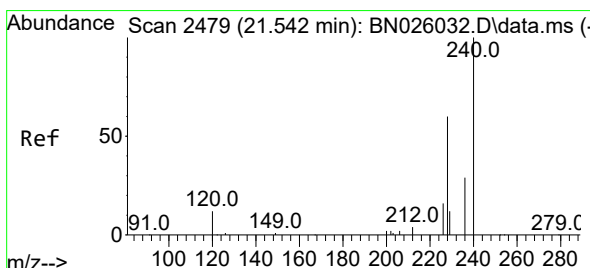
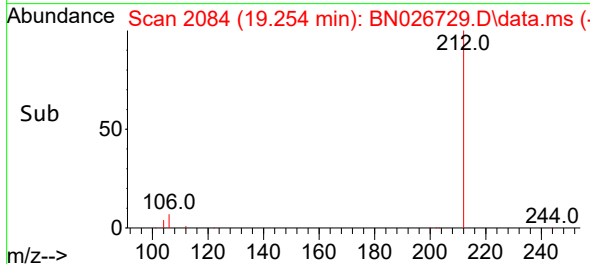
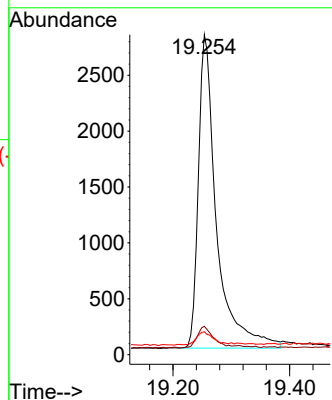
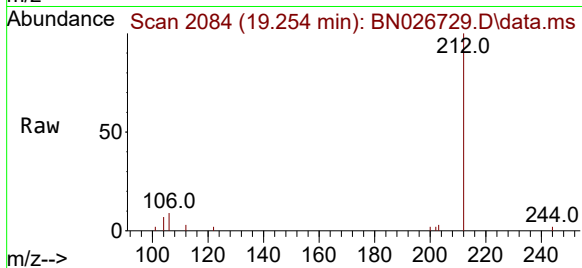
Tgt Ion:212 Resp: 6066

Ion Ratio Lower Upper

212 100

106 6.0 11.6 17.4#

104 3.7 7.2 10.8#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.417 min Scan# 2507

Delta R.T. 0.009 min

Lab File: BN026729.D

Acq: 25 Jul 2023 01:49

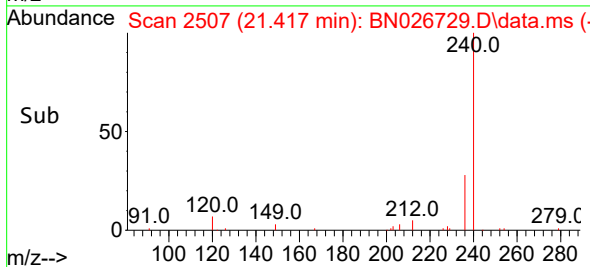
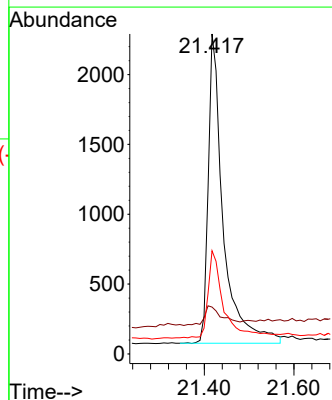
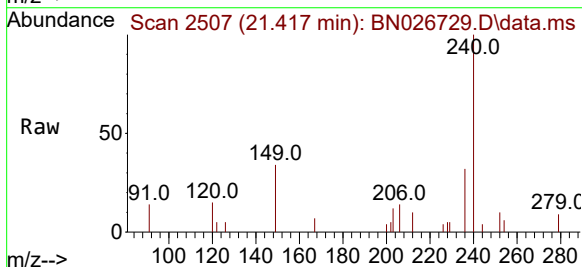
Tgt Ion:240 Resp: 5147

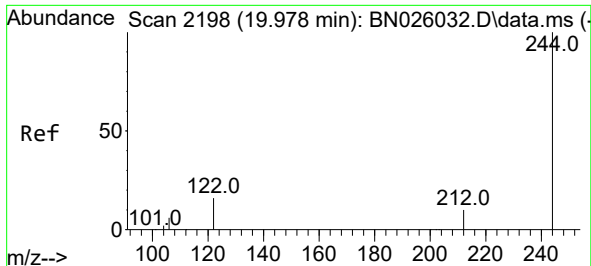
Ion Ratio Lower Upper

240 100

120 14.7 14.6 22.0

236 32.3 24.2 36.2

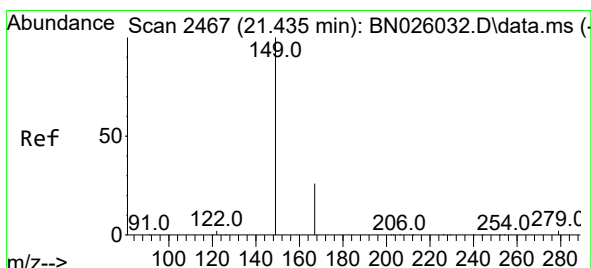
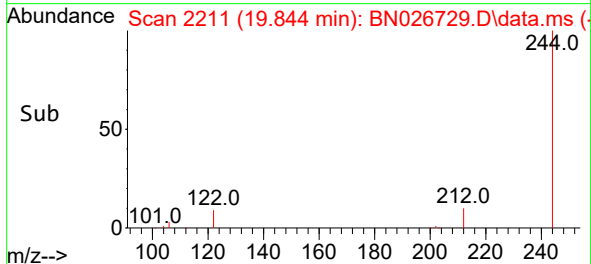
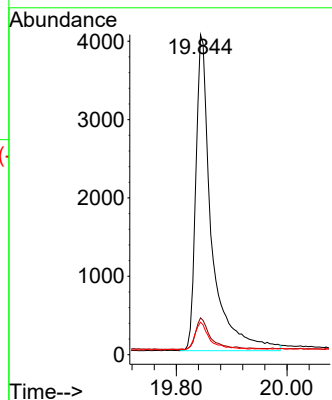
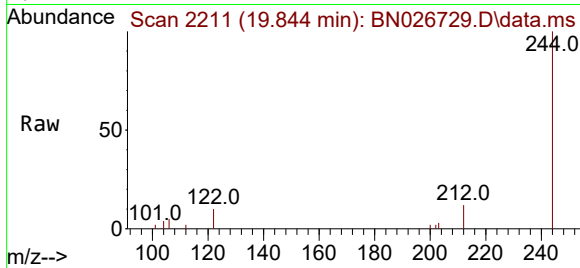




#31
Terphenyl-d14
Concen: 0.608 ng
RT: 19.844 min Scan# 2198
Delta R.T. -0.004 min
Lab File: BN026729.D
Acq: 25 Jul 2023 01:49

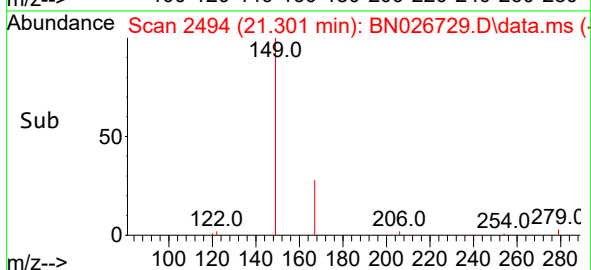
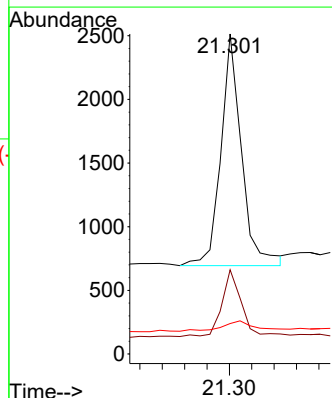
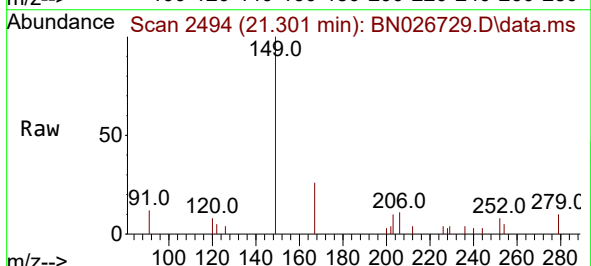
Instrument :
BNA_N
ClientSampleId :
SP-100-20230713

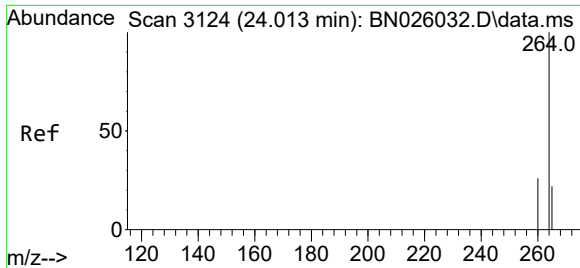
Tgt Ion:244 Resp: 8003
Ion Ratio Lower Upper
244 100
212 11.5 8.7 13.1
122 10.2 13.7 20.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.141 ng
RT: 21.301 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BN026729.D
Acq: 25 Jul 2023 01:49

Tgt Ion:149 Resp: 2336
Ion Ratio Lower Upper
149 100
167 28.0 20.2 30.4
279 8.9 2.4 3.6#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.788 min Scan# 30

Delta R.T. 0.006 min

Lab File: BN026729.D

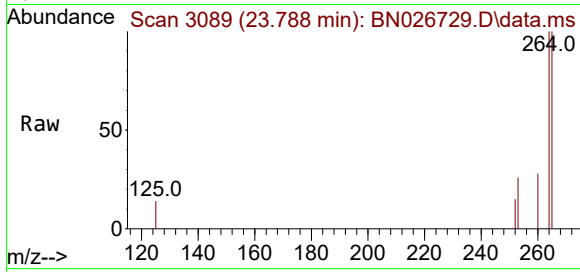
Acq: 25 Jul 2023 01:49

Instrument :

BNA_N

ClientSampleId :

SP-100-20230713



Tgt Ion:264 Resp: 6465

Ion Ratio Lower Upper

264 100

260 28.4 21.9 32.9

265 99.7 80.3 120.5

