

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
 Data File : BN026782.D
 Acq On : 01 Aug 2023 13:52
 Operator : MA/JU
 Sample : 03630-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230713DL

Quant Time: Aug 02 00:49:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 00:35:47 2023
 Response via : Initial Calibration

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

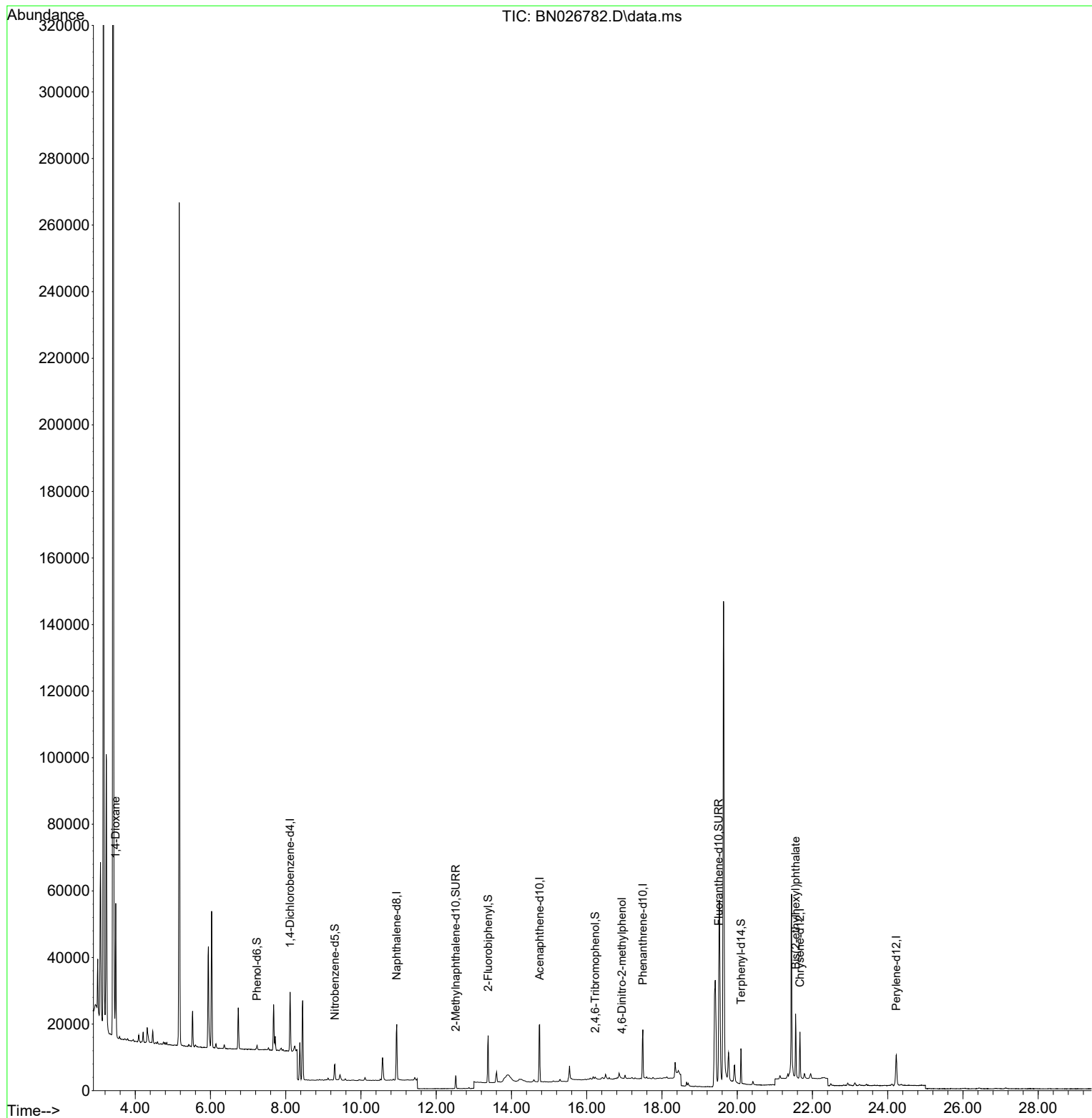
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	8120	0.400	ng	0.00
7) Naphthalene-d8	10.949	136	22620	0.400	ng	0.00
13) Acenaphthene-d10	14.748	164	10694	0.400	ng	0.00
19) Phenanthrene-d10	17.493	188	20517	0.400	ng	0.00
29) Chrysene-d12	21.668	240	12867	0.400	ng	0.00
35) Perylene-d12	24.227	264	13384	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.625	112	270	0.013	ng	0.00
5) Phenol-d6	7.236	99	1219	0.046	ng	0.00
8) Nitrobenzene-d5	9.305	82	3954	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.517	152	5004	0.154	ng	0.00
14) 2,4,6-Tribromophenol	16.226	330	288	0.079	ng	0.00
15) 2-Fluorobiphenyl	13.379	172	12030	0.276	ng	0.00
27) Fluoranthene-d10	19.509	212	9162	0.186	ng	0.00
31) Terphenyl-d14	20.099	244	9897	0.369	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.480	88	24076	2.540	ng	99
20) 4,6-Dinitro-2-methylph...	16.934	198	25	0.075	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.551	149	19433	1.328	ng	99

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

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
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SP-100-20230713DL

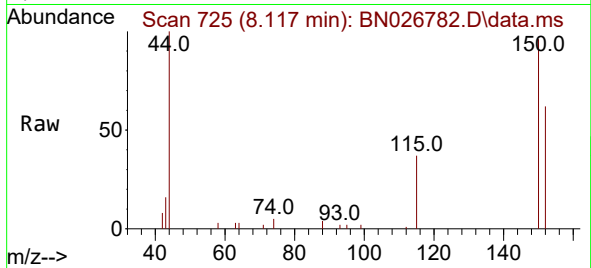
Quant Time: Aug 02 00:49:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



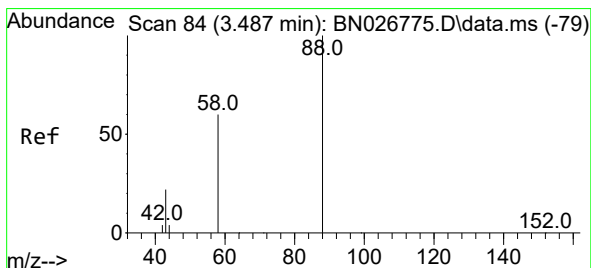
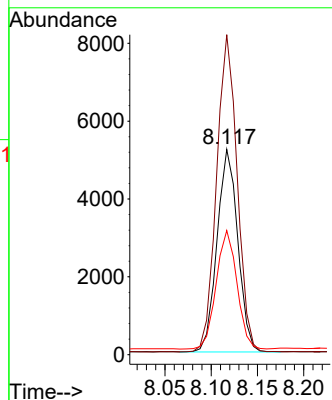
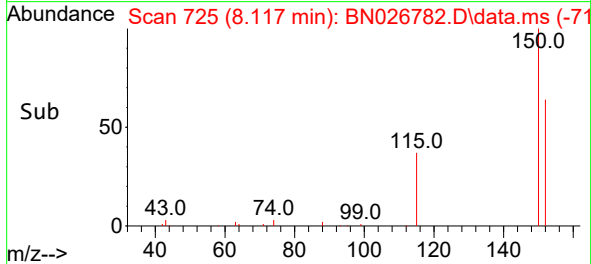


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.117 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN026782.D
 Acq: 01 Aug 2023 13:52

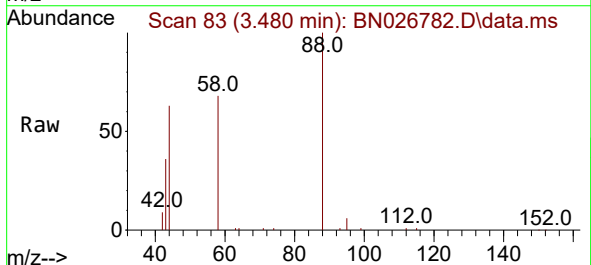
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230713DL



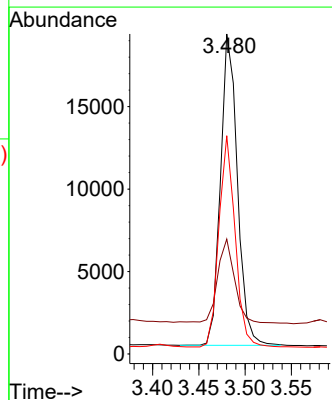
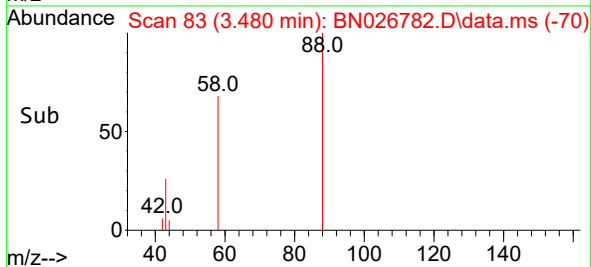
Tgt Ion:152 Resp: 8120
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.8 185.8
 115 60.4 48.0 72.0

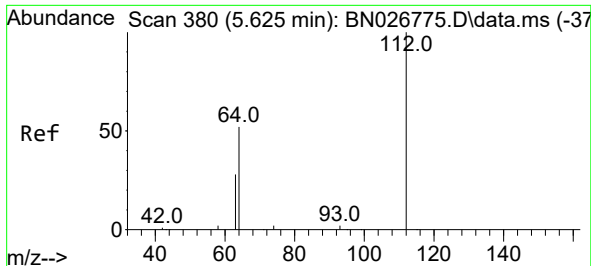


#2
 1,4-Dioxane
 Concen: 2.540 ng
 RT: 3.480 min Scan# 83
 Delta R.T. -0.007 min
 Lab File: BN026782.D
 Acq: 01 Aug 2023 13:52



Tgt Ion: 88 Resp: 24076
 Ion Ratio Lower Upper
 88 100
 43 27.0 21.7 32.5
 58 65.0 53.3 79.9

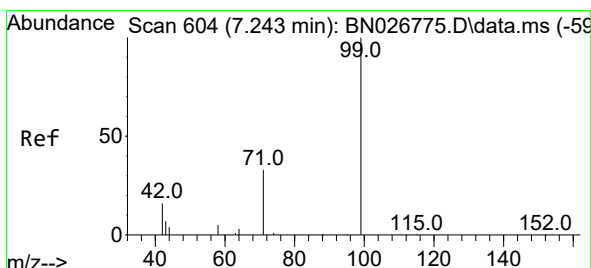
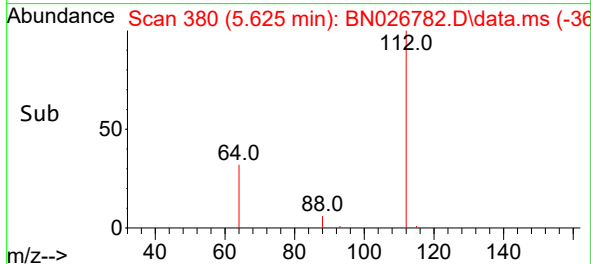
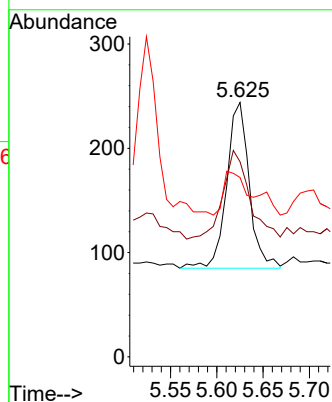
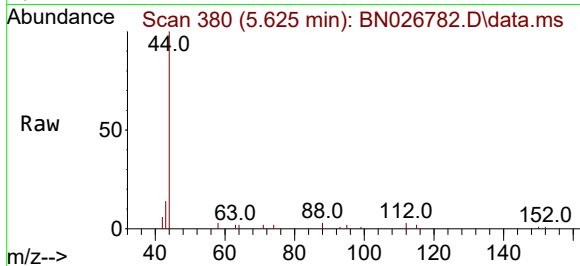




#4
2-Fluorophenol
Concen: 0.013 ng
RT: 5.625 min Scan# 380
Delta R.T. 0.000 min
Lab File: BN026782.D
Acq: 01 Aug 2023 13:52

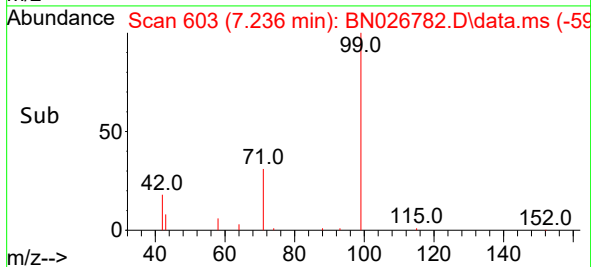
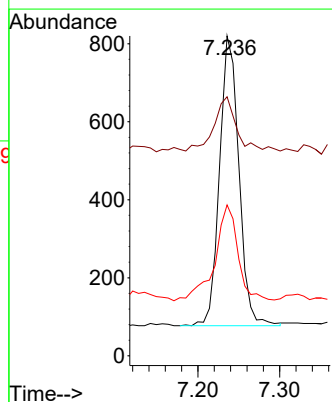
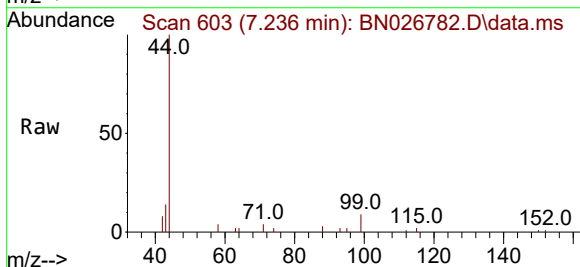
Instrument :
BNA_N
ClientSampleId :
SP-100-20230713DL

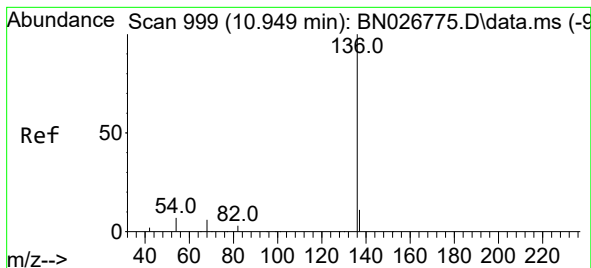
Tgt Ion:112 Resp: 270
Ion Ratio Lower Upper
112 100
64 62.6 42.2 63.2
63 33.7 22.7 34.1



#5
Phenol-d6
Concen: 0.046 ng
RT: 7.236 min Scan# 603
Delta R.T. -0.007 min
Lab File: BN026782.D
Acq: 01 Aug 2023 13:52

Tgt Ion: 99 Resp: 1219
Ion Ratio Lower Upper
99 100
42 24.2 14.6 22.0#
71 39.6 26.6 40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.949 min Scan# 999

Delta R.T. 0.000 min

Lab File: BN026782.D

Acq: 01 Aug 2023 13:52

Instrument :

BNA_N

ClientSampleId :

SP-100-20230713DL

Tgt Ion:136 Resp: 22620

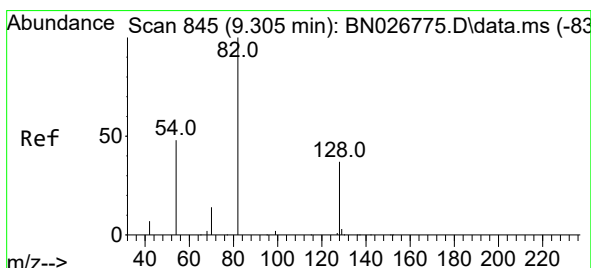
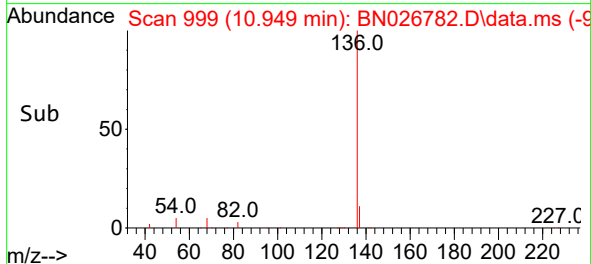
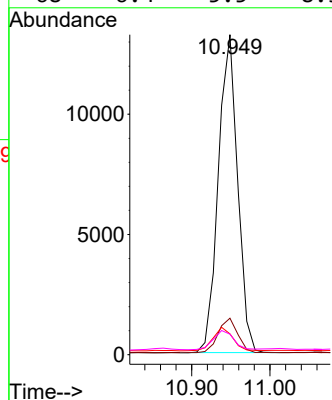
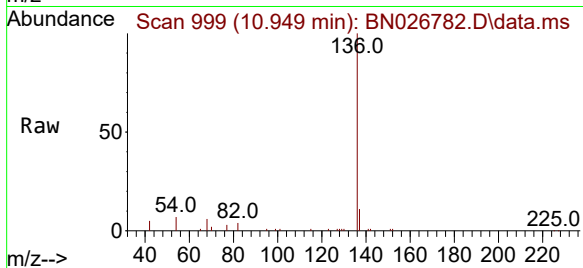
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 6.5 6.2 9.2

68 6.4 5.5 8.3



#8

Nitrobenzene-d5

Concen: 0.295 ng

RT: 9.305 min Scan# 845

Delta R.T. 0.000 min

Lab File: BN026782.D

Acq: 01 Aug 2023 13:52

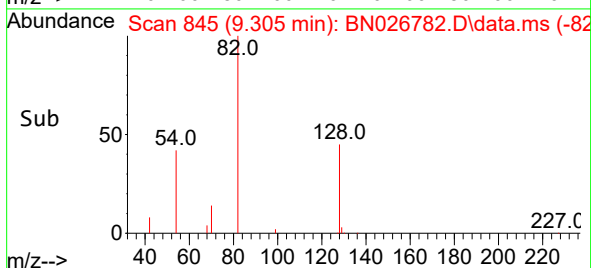
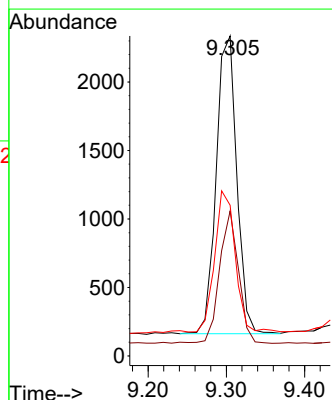
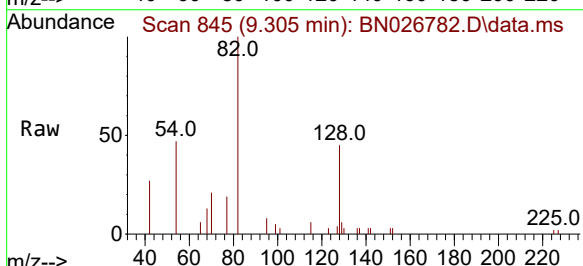
Tgt Ion: 82 Resp: 3954

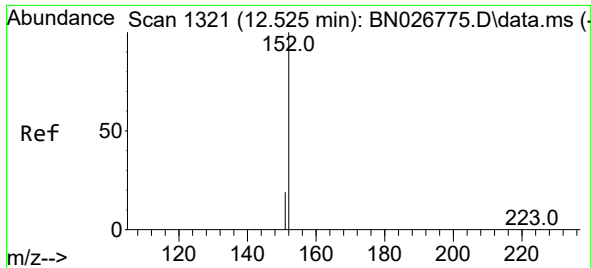
Ion Ratio Lower Upper

82 100

128 45.3 30.5 45.7

54 47.1 39.4 59.2

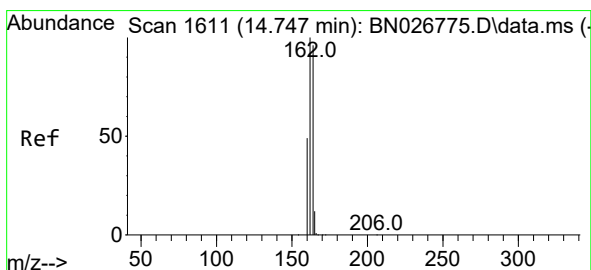
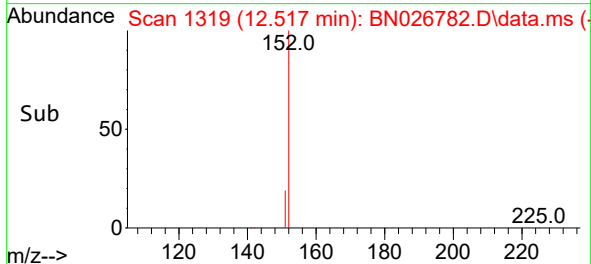
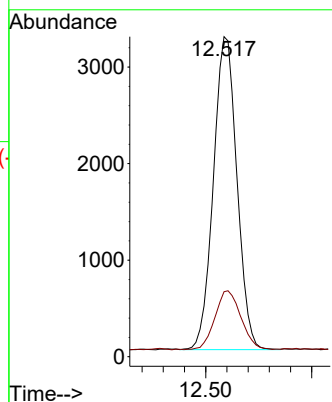
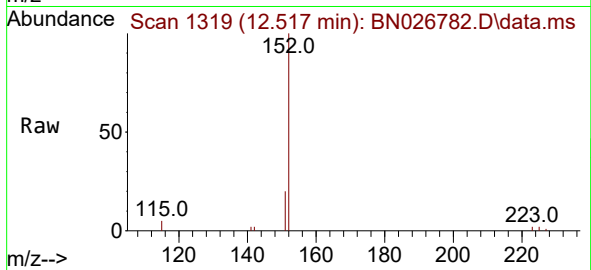




#11
2-Methylnaphthalene-d10
Concen: 0.154 ng
RT: 12.517 min Scan# 1319
Delta R.T. -0.007 min
Lab File: BN026782.D
Acq: 01 Aug 2023 13:52

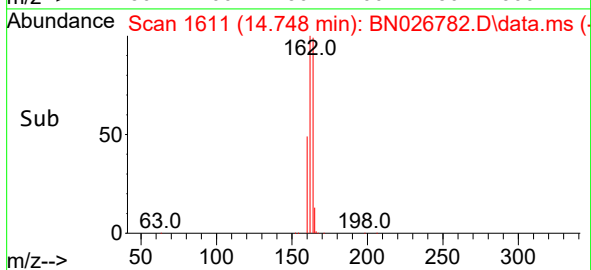
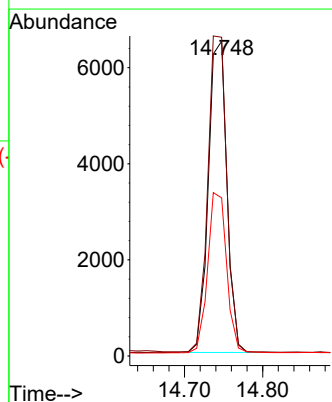
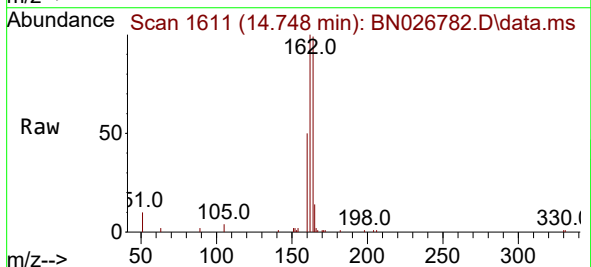
Instrument :
BNA_N
ClientSampleId :
SP-100-20230713DL

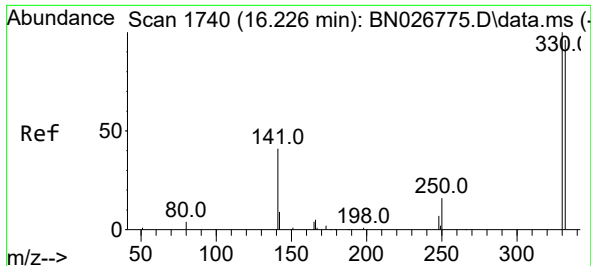
Tgt Ion:152 Resp: 5004
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.748 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN026782.D
Acq: 01 Aug 2023 13:52

Tgt Ion:164 Resp: 10694
Ion Ratio Lower Upper
164 100
162 101.2 83.0 124.6
160 50.2 40.8 61.2

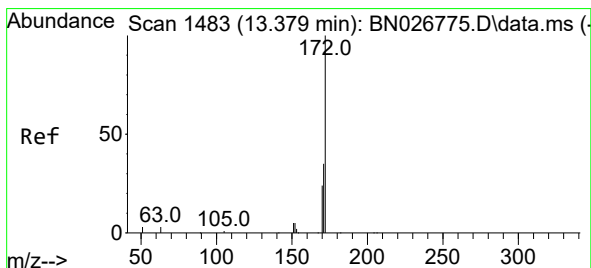
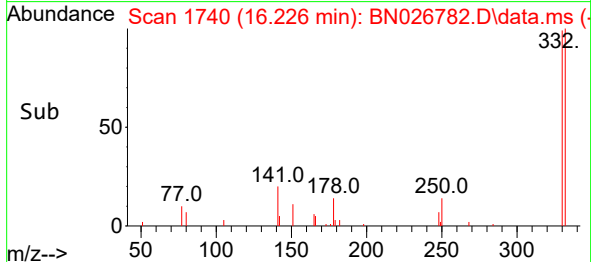
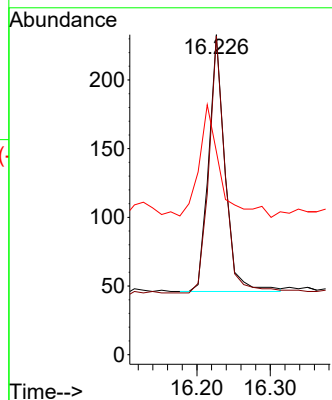
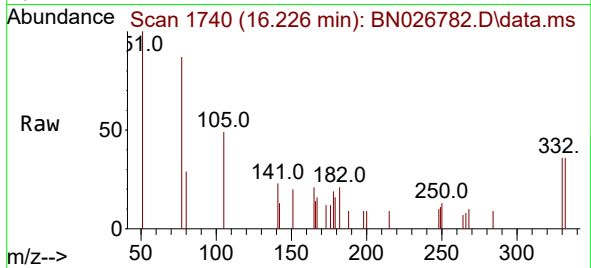




#14
2,4,6-Tribromophenol
Concen: 0.079 ng
RT: 16.226 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN026782.D
Acq: 01 Aug 2023 13:52

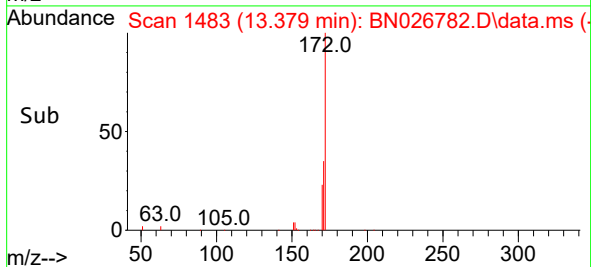
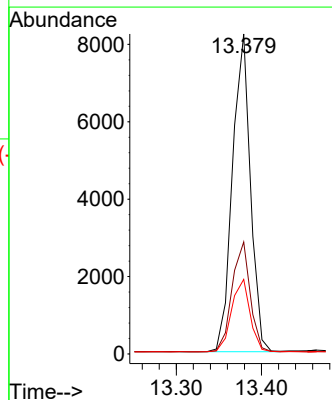
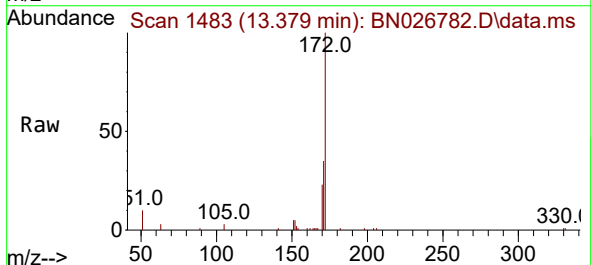
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ClientSampleId :
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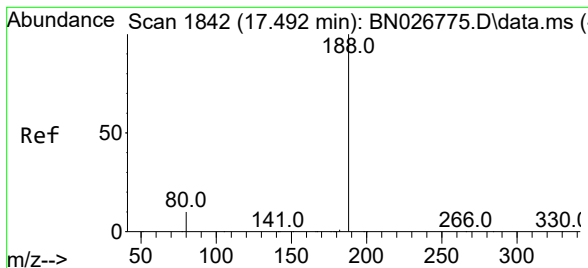
Tgt Ion:330 Resp: 288
Ion Ratio Lower Upper
330 100
332 99.0 77.8 116.6
141 55.6 34.8 52.2#



#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 13.379 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BN026782.D
Acq: 01 Aug 2023 13:52

Tgt Ion:172 Resp: 12030
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.3 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.493 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BN026782.D

Acq: 01 Aug 2023 13:52

Instrument :

BNA_N

ClientSampleId :

SP-100-20230713DL

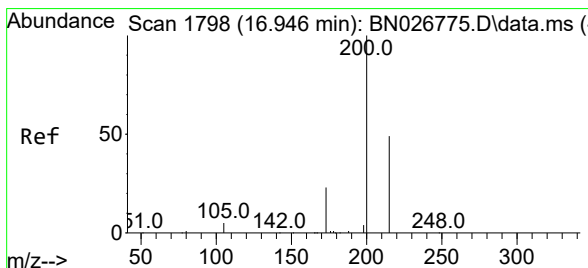
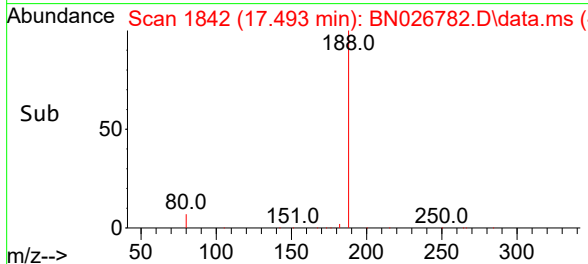
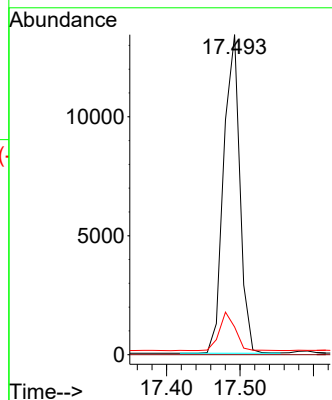
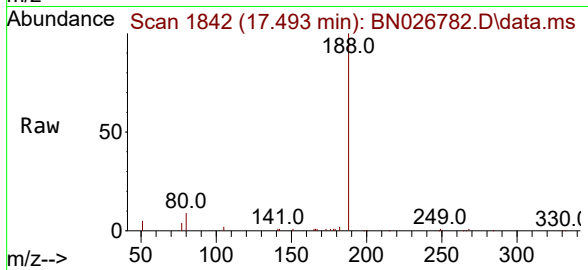
Tgt Ion:188 Resp: 20517

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 8.0 12.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.075 ng

RT: 16.934 min Scan# 1797

Delta R.T. -0.012 min

Lab File: BN026782.D

Acq: 01 Aug 2023 13:52

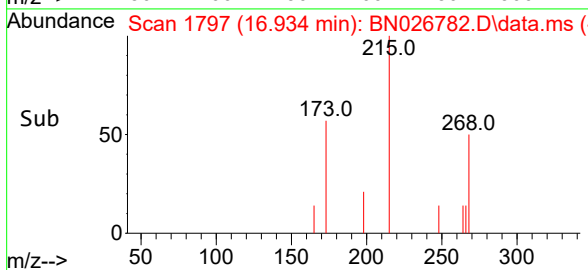
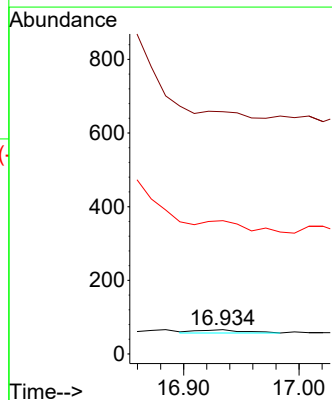
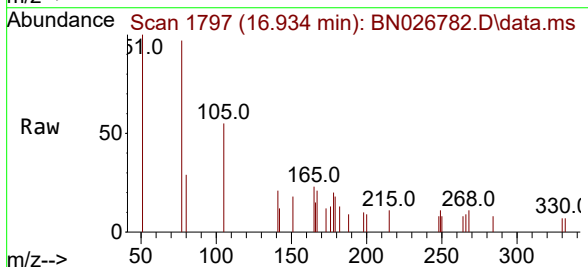
Tgt Ion:198 Resp: 25

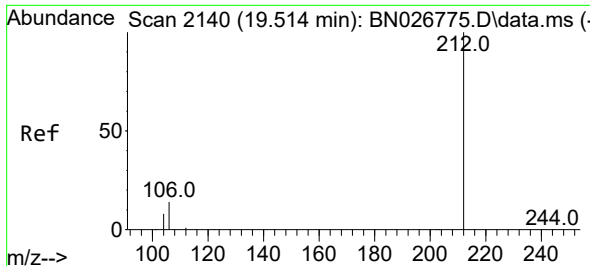
Ion Ratio Lower Upper

198 100

51 997.0 150.5 225.7#

105 548.5 165.0 247.6#

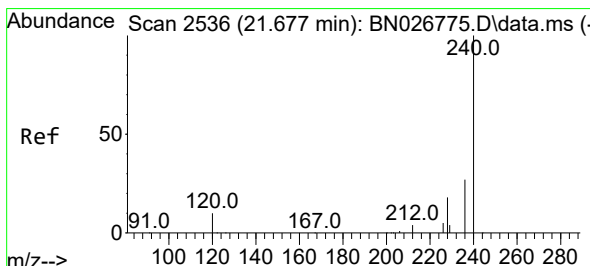
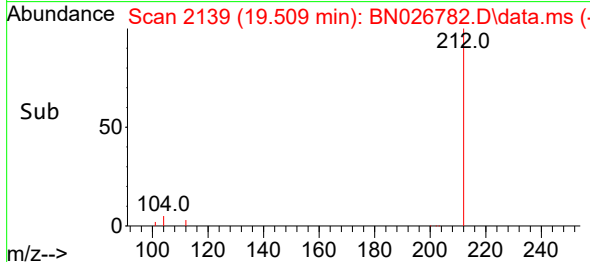
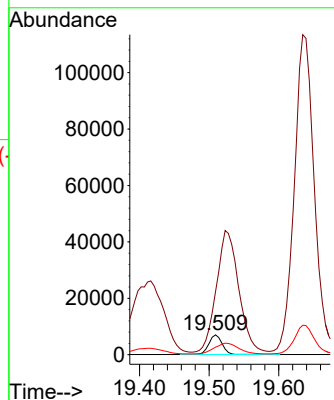
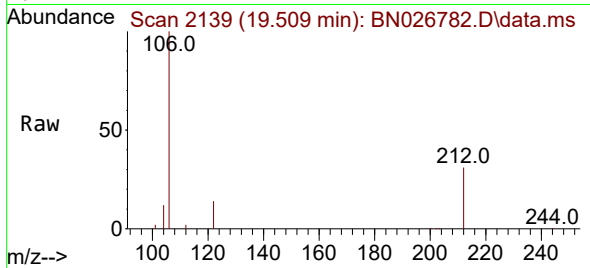




#27
Fluoranthene-d10
Concen: 0.186 ng
RT: 19.509 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN026782.D
Acq: 01 Aug 2023 13:52

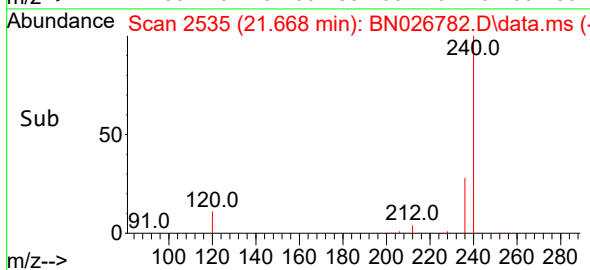
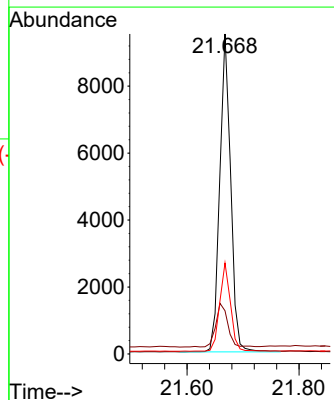
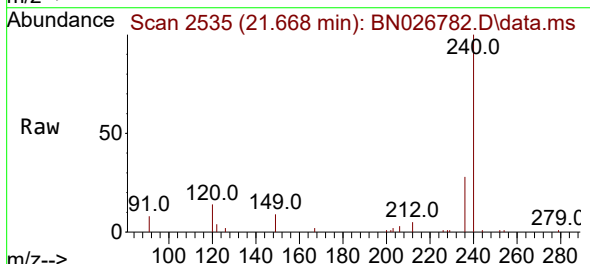
Instrument :
BNA_N
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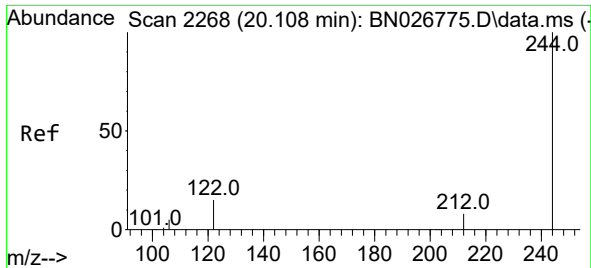
Tgt Ion:212 Resp: 9162
Ion Ratio Lower Upper
212 100
106 1040.2 11.7 17.5#
104 99.5 6.4 9.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.668 min Scan# 2535
Delta R.T. -0.009 min
Lab File: BN026782.D
Acq: 01 Aug 2023 13:52

Tgt Ion:240 Resp: 12867
Ion Ratio Lower Upper
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120 13.5 9.2 13.8
236 28.4 21.9 32.9

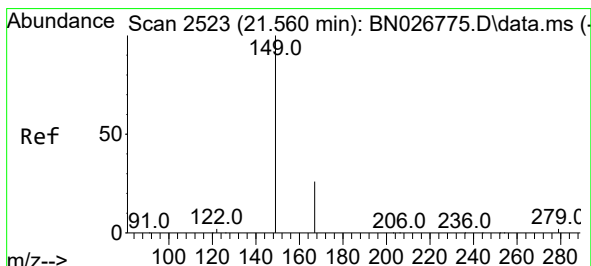
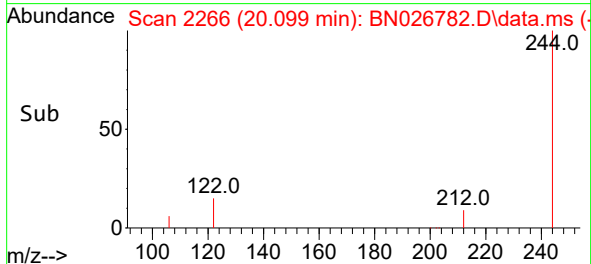
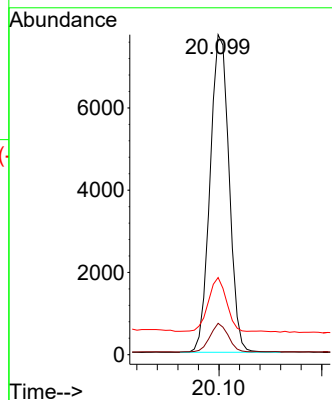
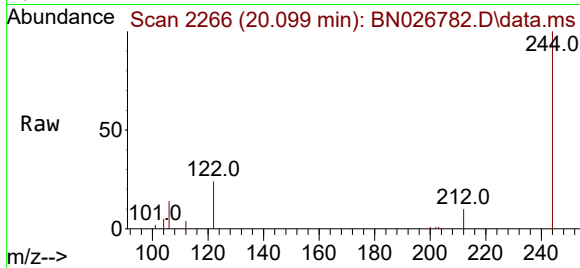




#31
 Terphenyl-d14
 Concen: 0.369 ng
 RT: 20.099 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN026782.D
 Acq: 01 Aug 2023 13:52

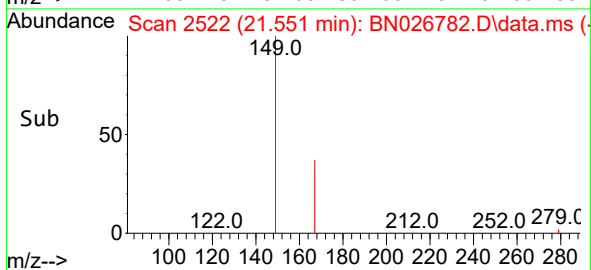
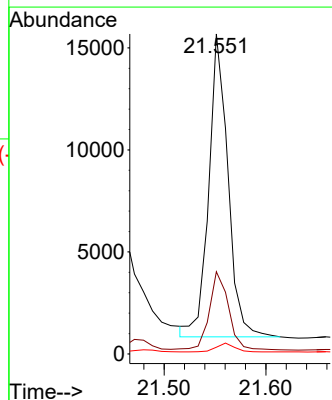
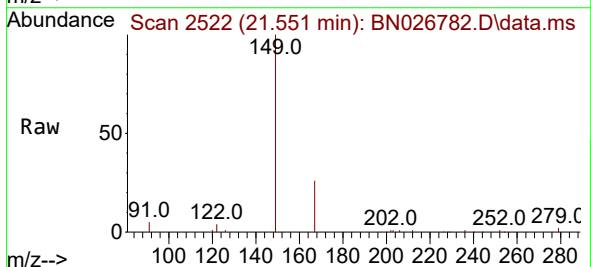
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230713DL

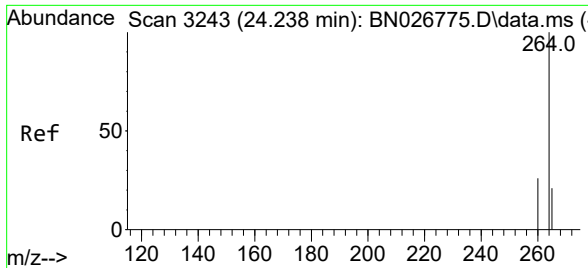
Tgt Ion:244 Resp: 9897
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.0 10.4
 122 24.1 12.3 18.5#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.328 ng
 RT: 21.551 min Scan# 2522
 Delta R.T. -0.009 min
 Lab File: BN026782.D
 Acq: 01 Aug 2023 13:52

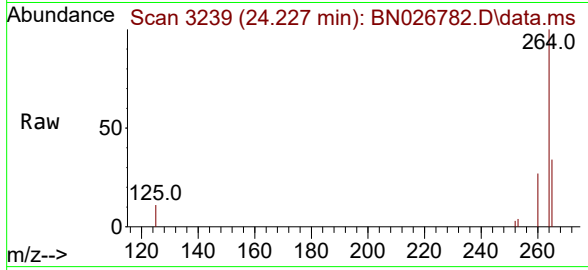
Tgt Ion:149 Resp: 19433
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.8 31.2
 279 2.8 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.227 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN026782.D
Acq: 01 Aug 2023 13:52

Instrument :
BNA_N
ClientSampleId :
SP-100-20230713DL



Tgt Ion:264 Resp: 13384

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	33.7	22.6	33.8

