

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027161.D
 Acq On : 26 Aug 2023 19:40
 Operator : MA/JU
 Sample : 04095-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20230818

Quant Time: Aug 26 22:35:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

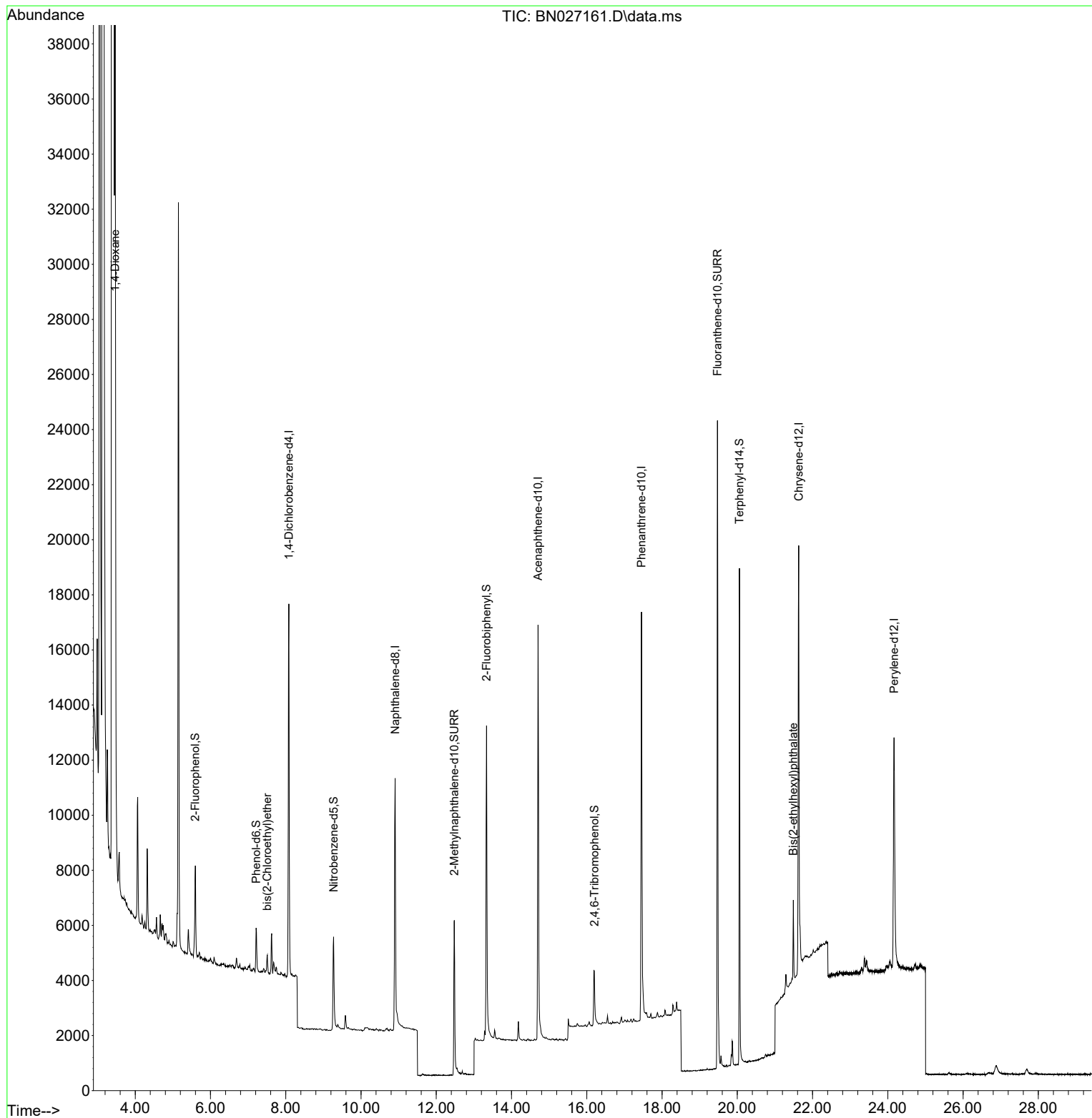
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	6564	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	14723	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	9671	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	22715	0.400	ng	0.00
29) Chrysene-d12	21.632	240	17328	0.400	ng	0.00
35) Perylene-d12	24.165	264	15291	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2739	0.148	ng	0.00
5) Phenol-d6	7.214	99	1703	0.075	ng	0.00
8) Nitrobenzene-d5	9.272	82	3318	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	9137	0.390	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1535	0.298	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	11514	0.321	ng	0.00
27) Fluoranthene-d10	19.472	212	26971	0.463	ng	0.00
31) Terphenyl-d14	20.057	244	17865	0.493	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	26533	3.759	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.510	93	483	0.025	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.488	149	2782	0.062	ng	# 96

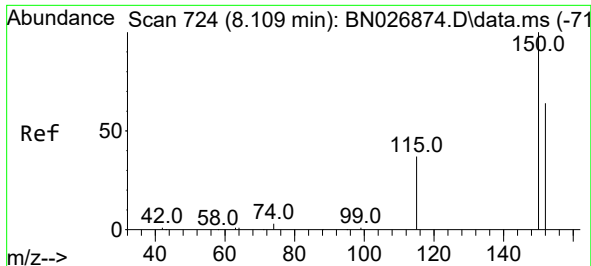
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 50 Sample Multiplier: 1

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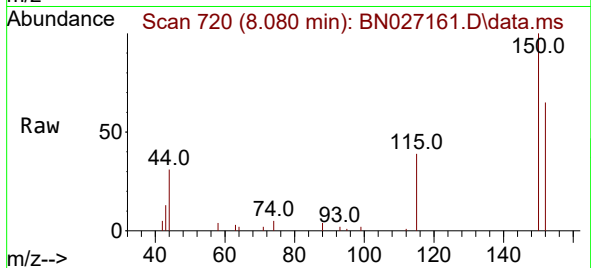
Quant Time: Aug 26 22:35:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
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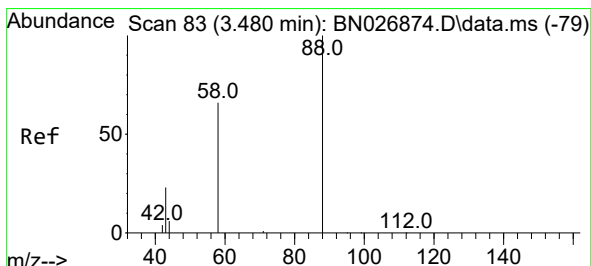
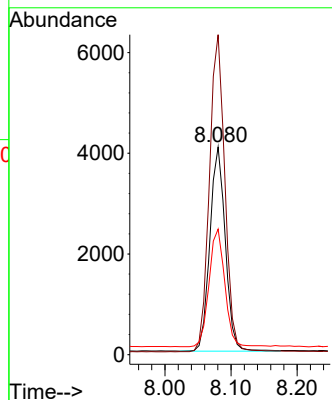
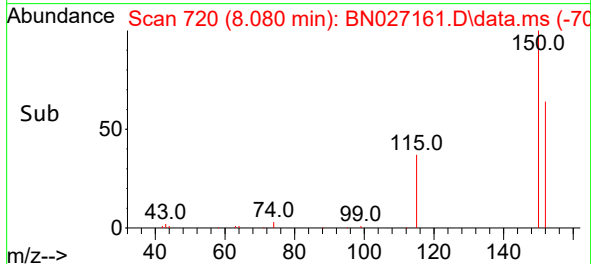


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.080 min Scan# 71
 Delta R.T. -0.008 min
 Lab File: BN027161.D
 Acq: 26 Aug 2023 19:40

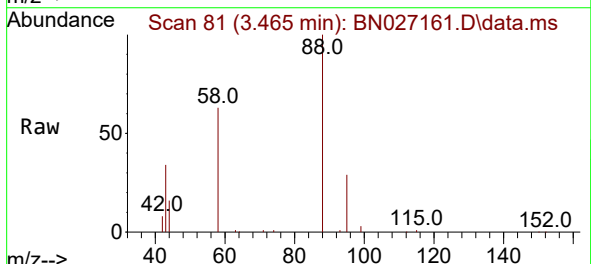
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20230818



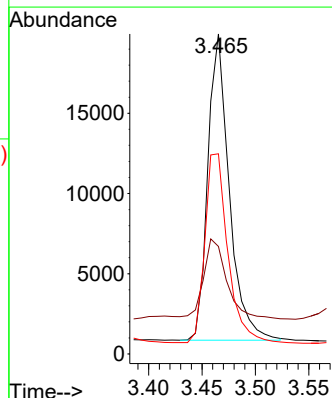
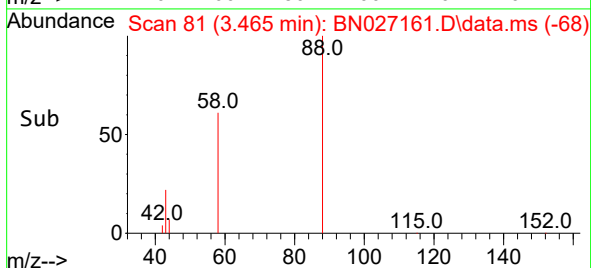
Tgt Ion:152 Resp: 6564
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.8 185.6
 115 60.5 49.7 74.5

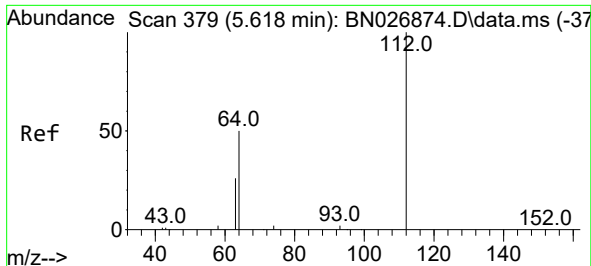


#2
 1,4-Dioxane
 Concen: 3.759 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027161.D
 Acq: 26 Aug 2023 19:40



Tgt Ion: 88 Resp: 26533
 Ion Ratio Lower Upper
 88 100
 43 28.3 19.2 28.8
 58 66.3 54.5 81.7





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.596 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027161.D

Acq: 26 Aug 2023 19:40

Instrument :

BNA_N

ClientSampleId :

TT101D2-20230818

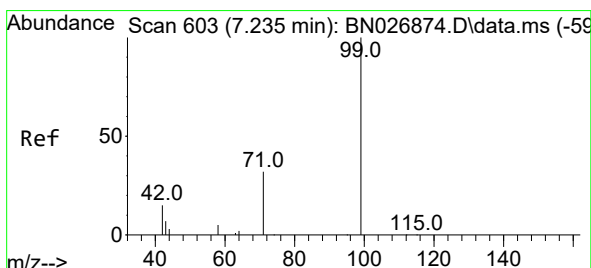
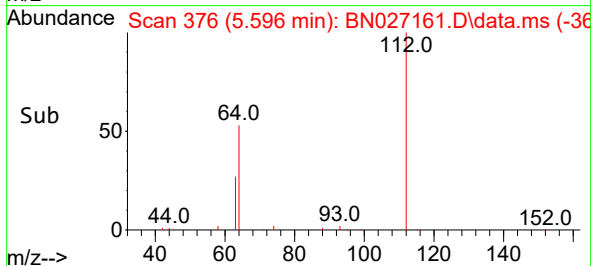
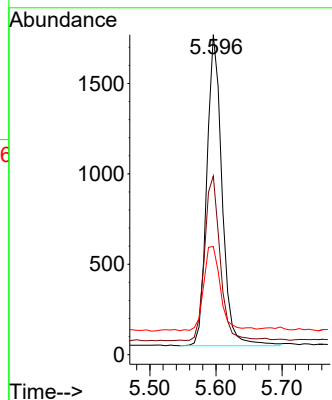
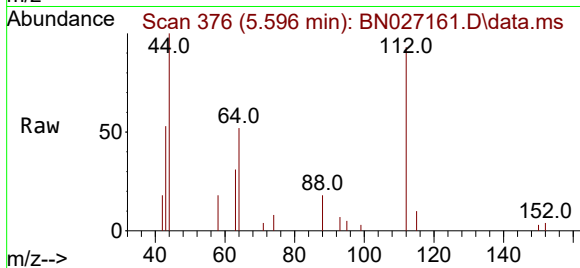
Tgt Ion:112 Resp: 2739

Ion Ratio Lower Upper

112 100

64 54.4 41.5 62.3

63 30.0 21.7 32.5



#5

Phenol-d6

Concen: 0.075 ng

RT: 7.214 min Scan# 600

Delta R.T. -0.007 min

Lab File: BN027161.D

Acq: 26 Aug 2023 19:40

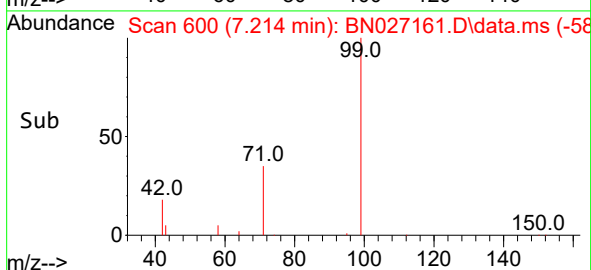
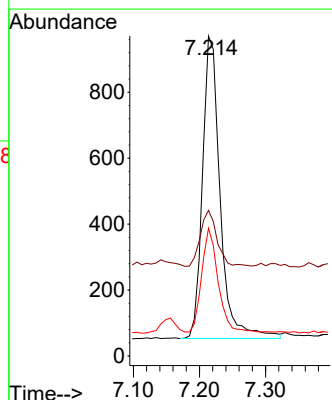
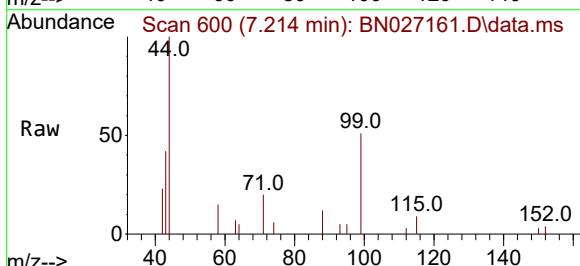
Tgt Ion: 99 Resp: 1703

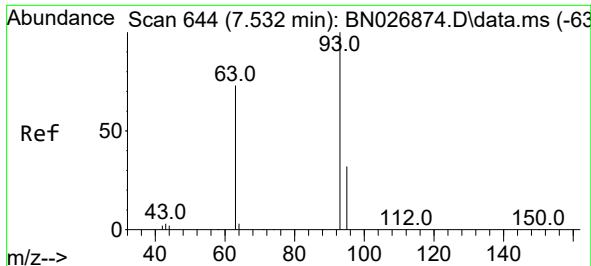
Ion Ratio Lower Upper

99 100

42 17.5 13.6 20.4

71 31.4 26.0 39.0

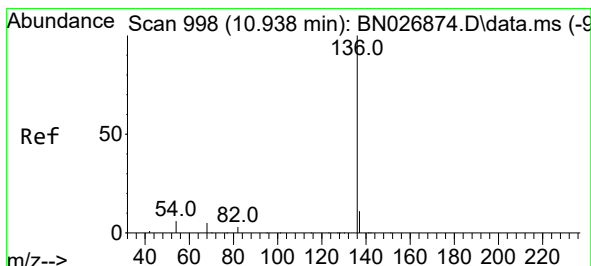
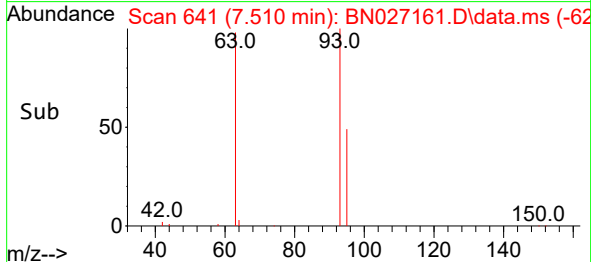
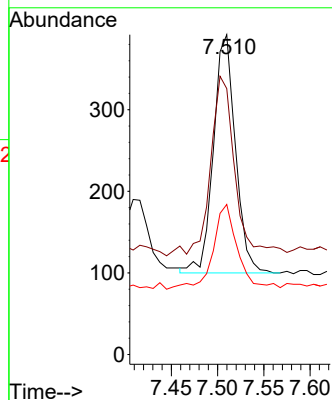
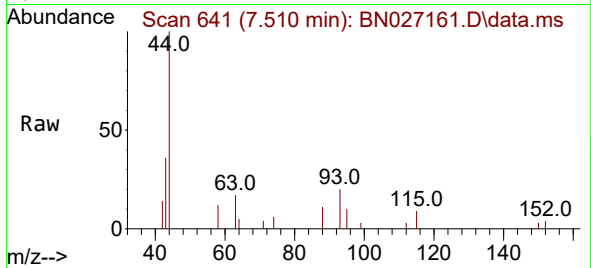




#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.510 min Scan# 644
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

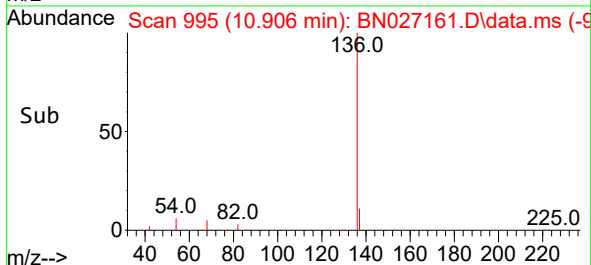
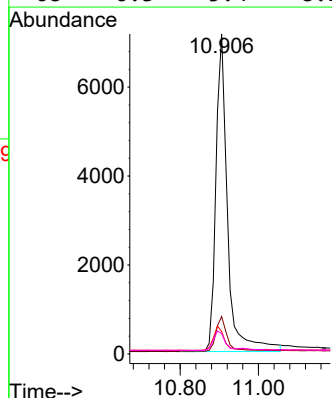
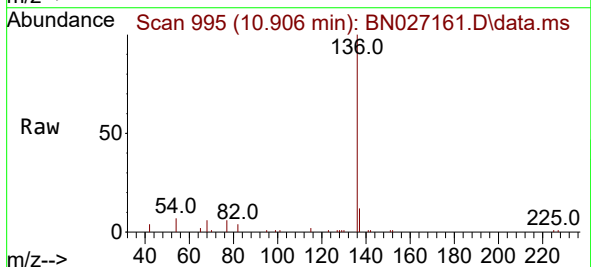
Instrument :
BNA_N
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TT101D2-20230818

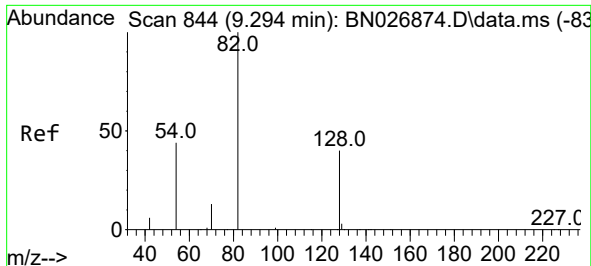
Tgt Ion: 93 Resp: 483
Ion Ratio Lower Upper
93 100
63 84.1 55.0 82.4#
95 40.0 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 995
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

Tgt Ion: 136 Resp: 14723
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 7.0 5.5 8.3
68 6.3 5.4 8.2

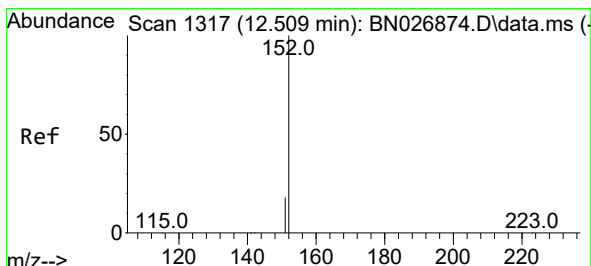
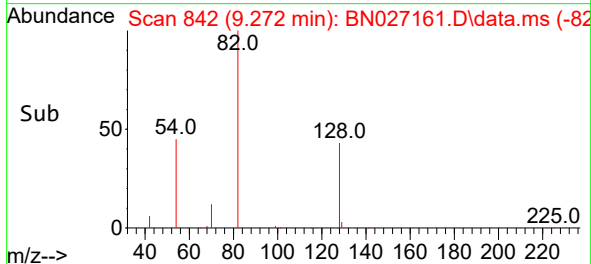
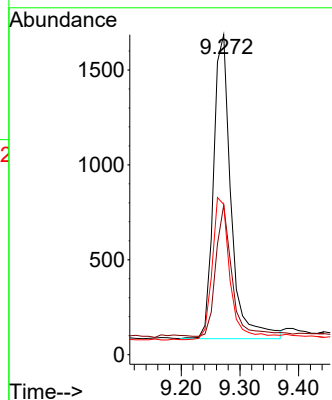
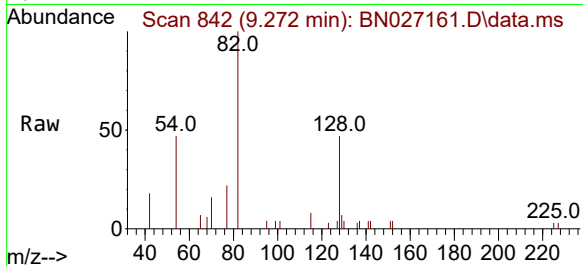




#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 9.272 min Scan# 84
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

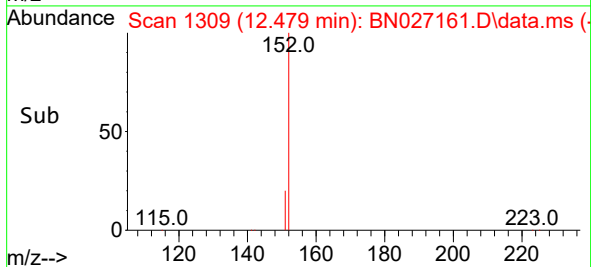
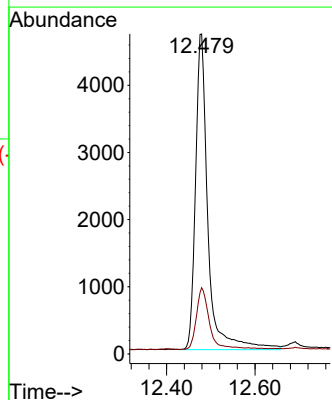
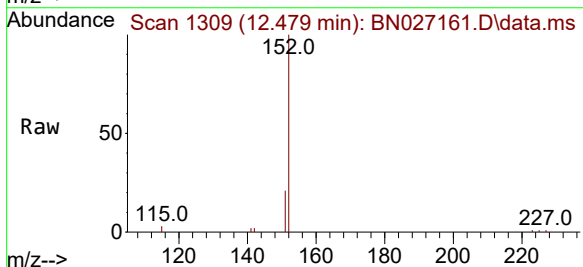
Instrument :
BNA_N
ClientSampleId :
TT101D2-20230818

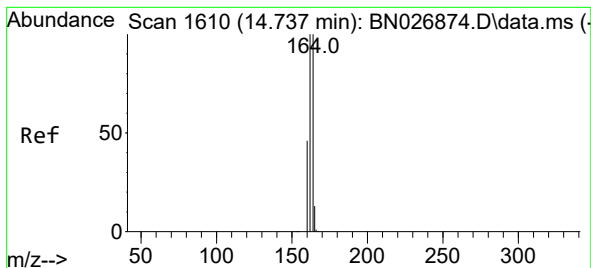
Tgt Ion: 82 Resp: 3318
Ion Ratio Lower Upper
82 100
128 46.7 34.1 51.1
54 46.9 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.479 min Scan# 1309
Delta R.T. -0.004 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

Tgt Ion: 152 Resp: 9137
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.705 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN027161.D

Acq: 26 Aug 2023 19:40

Instrument :

BNA_N

ClientSampleId :

TT101D2-20230818

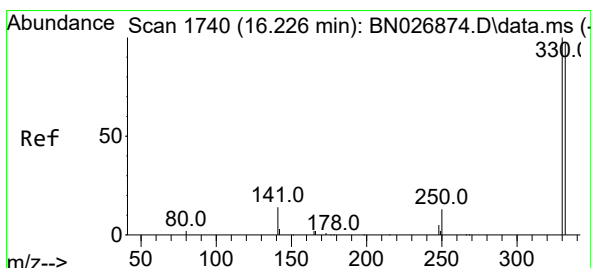
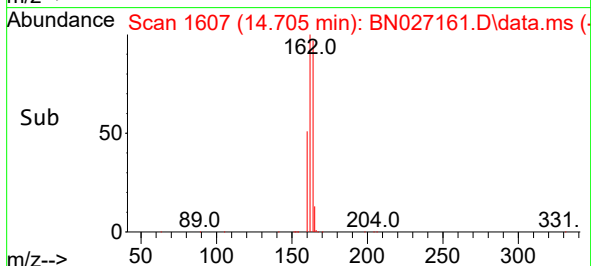
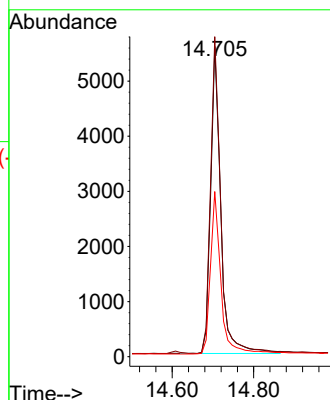
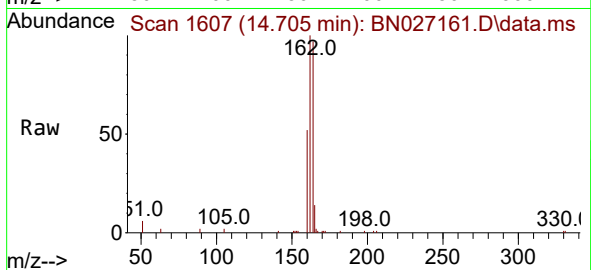
Tgt Ion:164 Resp: 9671

Ion Ratio Lower Upper

164 100

162 103.1 79.7 119.5

160 53.2 37.4 56.0



#14

2,4,6-Tribromophenol

Concen: 0.298 ng

RT: 16.201 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BN027161.D

Acq: 26 Aug 2023 19:40

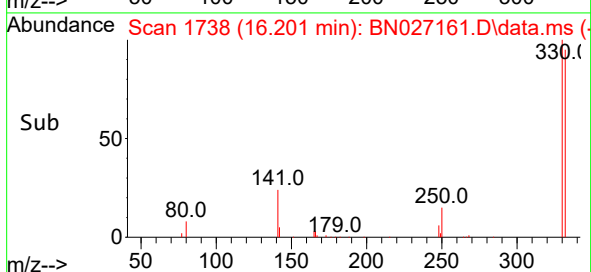
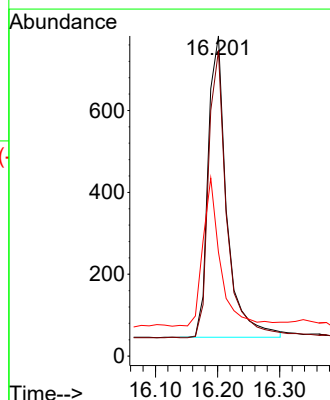
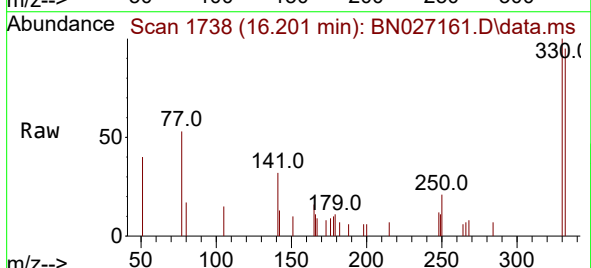
Tgt Ion:330 Resp: 1535

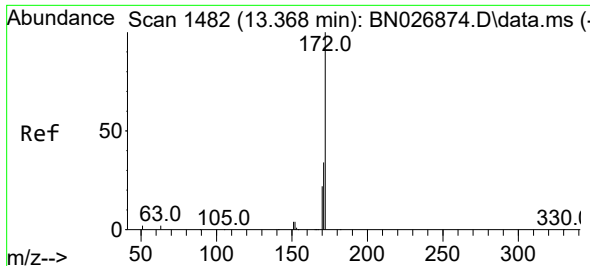
Ion Ratio Lower Upper

330 100

332 93.8 76.6 114.8

141 46.4 32.3 48.5

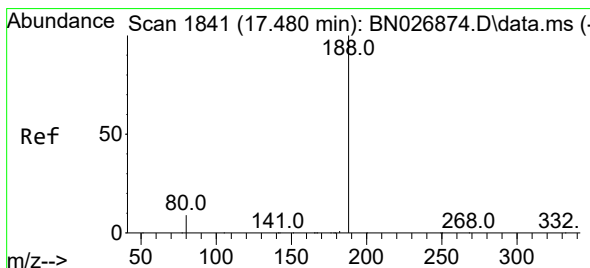
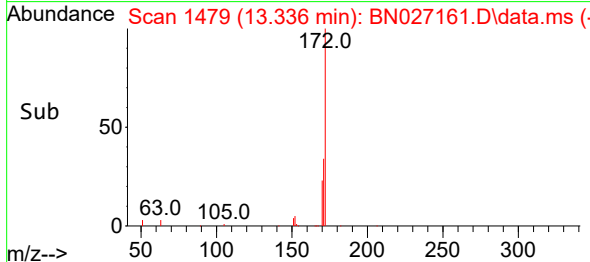
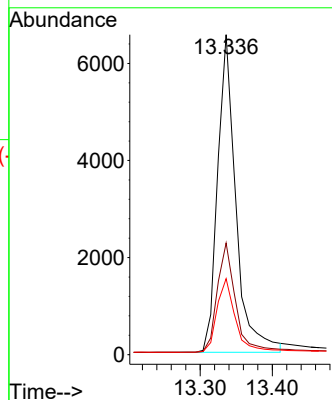
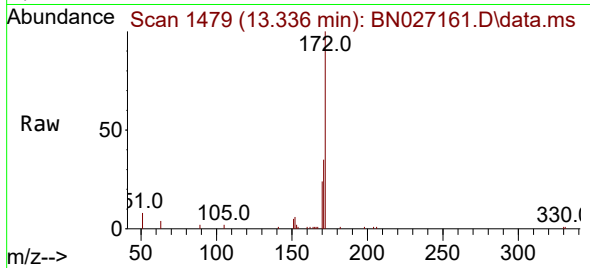




#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.336 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

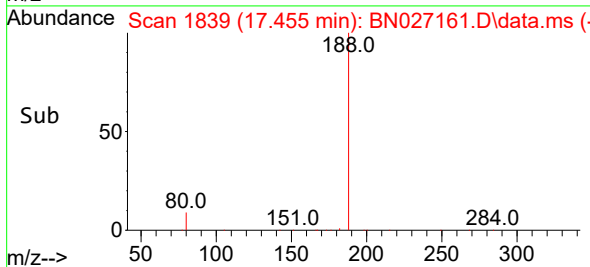
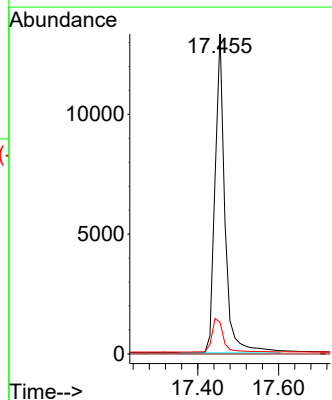
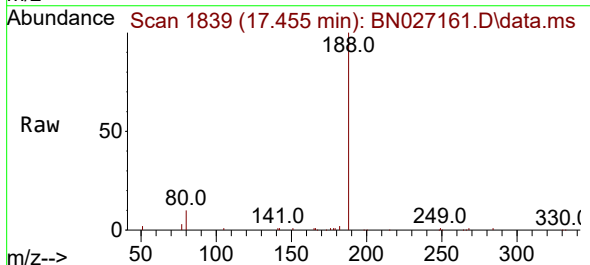
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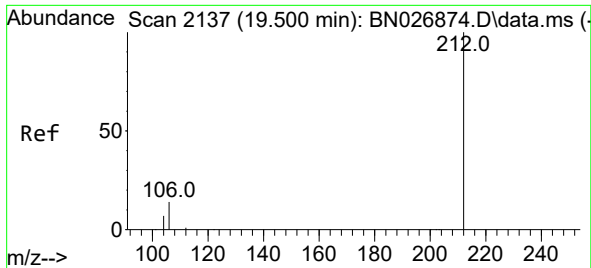
Tgt Ion:	172	Resp:	11514
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.4	41.0
170	23.8	18.0	27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

Tgt Ion:	188	Resp:	22715
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.9	7.4	11.2

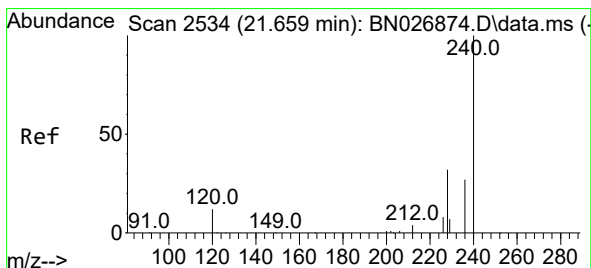
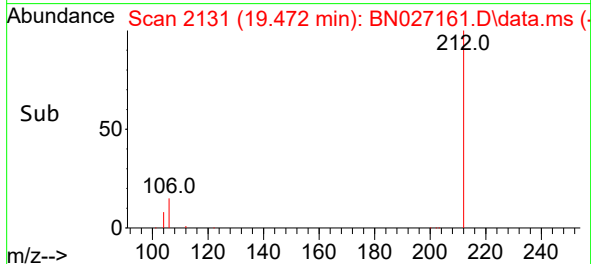
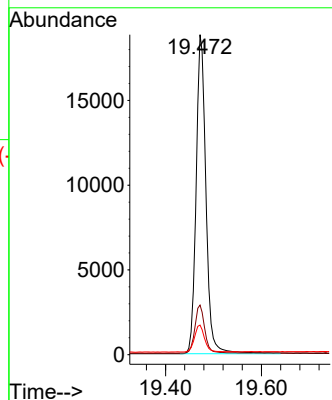
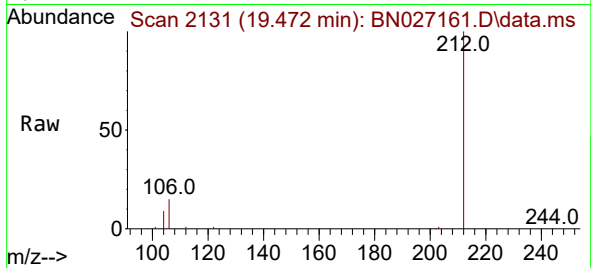




#27
Fluoranthene-d10
Concen: 0.463 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

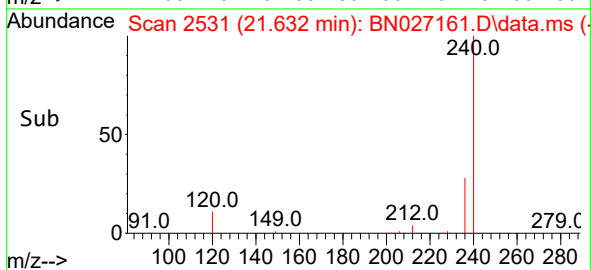
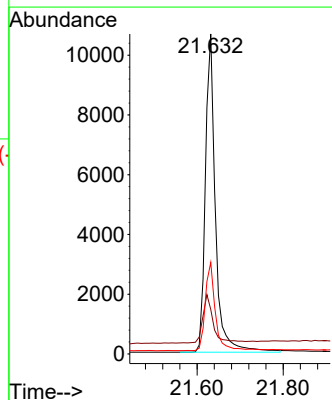
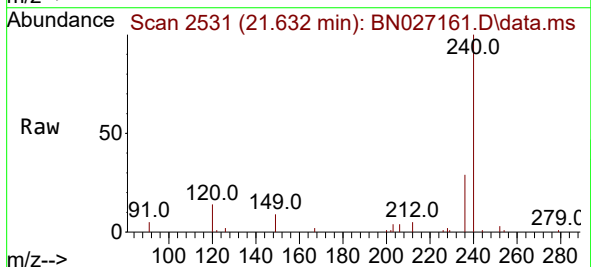
Instrument :
BNA_N
ClientSampleId :
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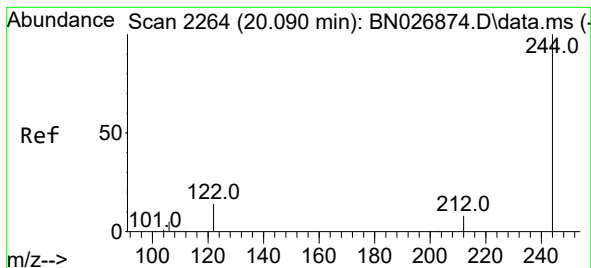
Tgt Ion:212 Resp: 26971
Ion Ratio Lower Upper
212 100
106 15.1 10.9 16.3
104 8.7 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. -0.000 min
Lab File: BN027161.D
Acq: 26 Aug 2023 19:40

Tgt Ion:240 Resp: 17328
Ion Ratio Lower Upper
240 100
120 13.9 11.1 16.7
236 28.6 22.2 33.2





#31

Terphenyl-d14

Concen: 0.493 ng

RT: 20.057 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN027161.D

Acq: 26 Aug 2023 19:40

Instrument :

BNA_N

ClientSampleId :

TT101D2-20230818

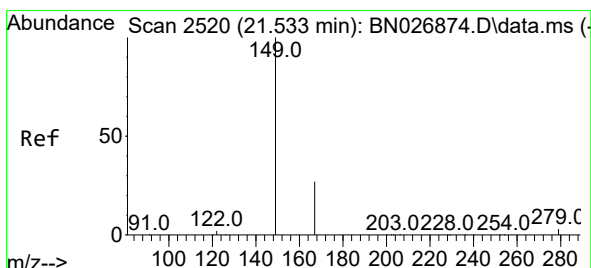
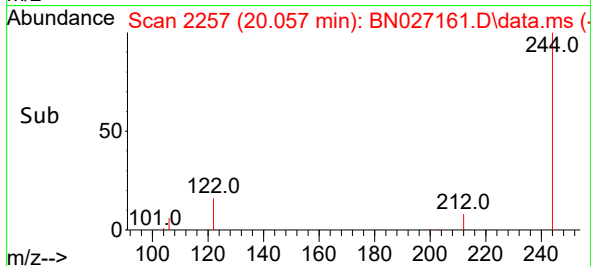
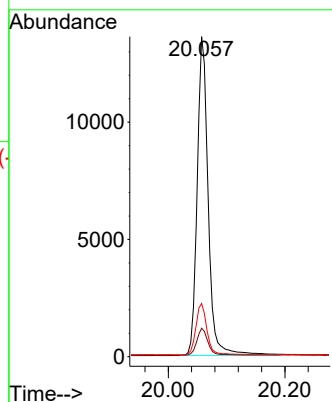
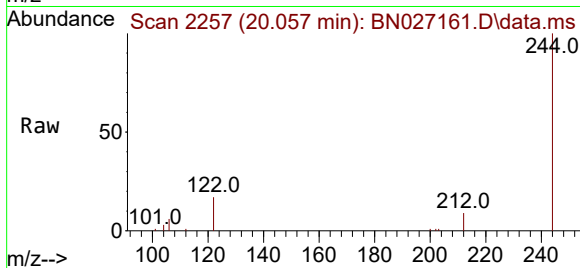
Tgt Ion:244 Resp: 17865

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

122 16.6 11.9 17.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.062 ng

RT: 21.488 min Scan# 2515

Delta R.T. -0.009 min

Lab File: BN027161.D

Acq: 26 Aug 2023 19:40

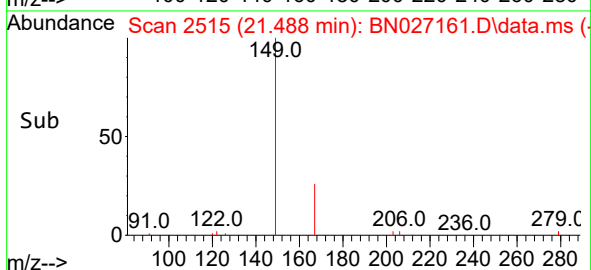
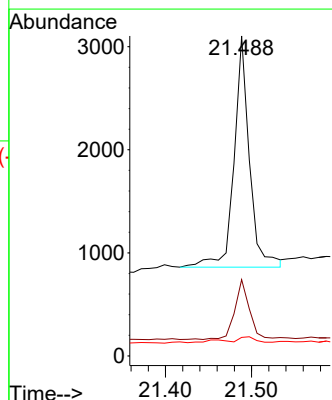
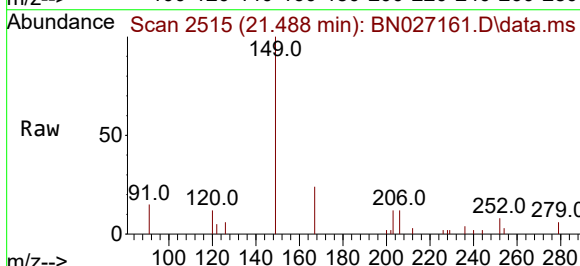
Tgt Ion:149 Resp: 2782

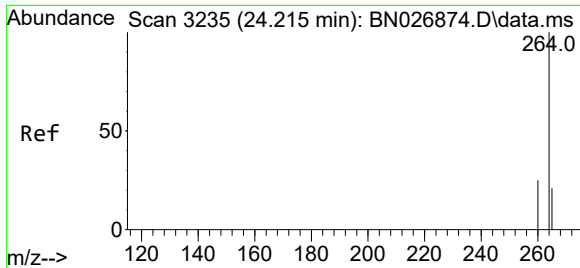
Ion Ratio Lower Upper

149 100

167 25.0 21.4 32.0

279 2.3 3.6 5.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.165 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN027161.D

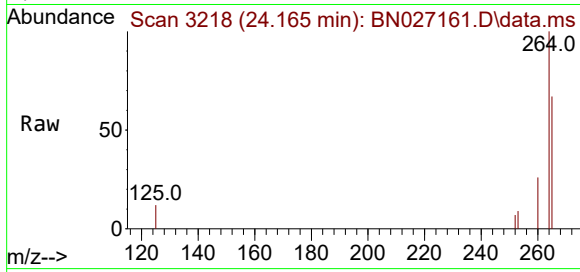
Acq: 26 Aug 2023 19:40

Instrument :

BNA_N

ClientSampleId :

TT101D2-20230818



Tgt Ion:264 Resp: 15291

Ion Ratio Lower Upper

264 100

260 26.2 20.4 30.6

265 67.1 27.0 40.6#

