

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027163.D
 Acq On : 26 Aug 2023 20:53
 Operator : MA/JU
 Sample : 04095-15
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20230818

Quant Time: Aug 26 22:35:55 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)

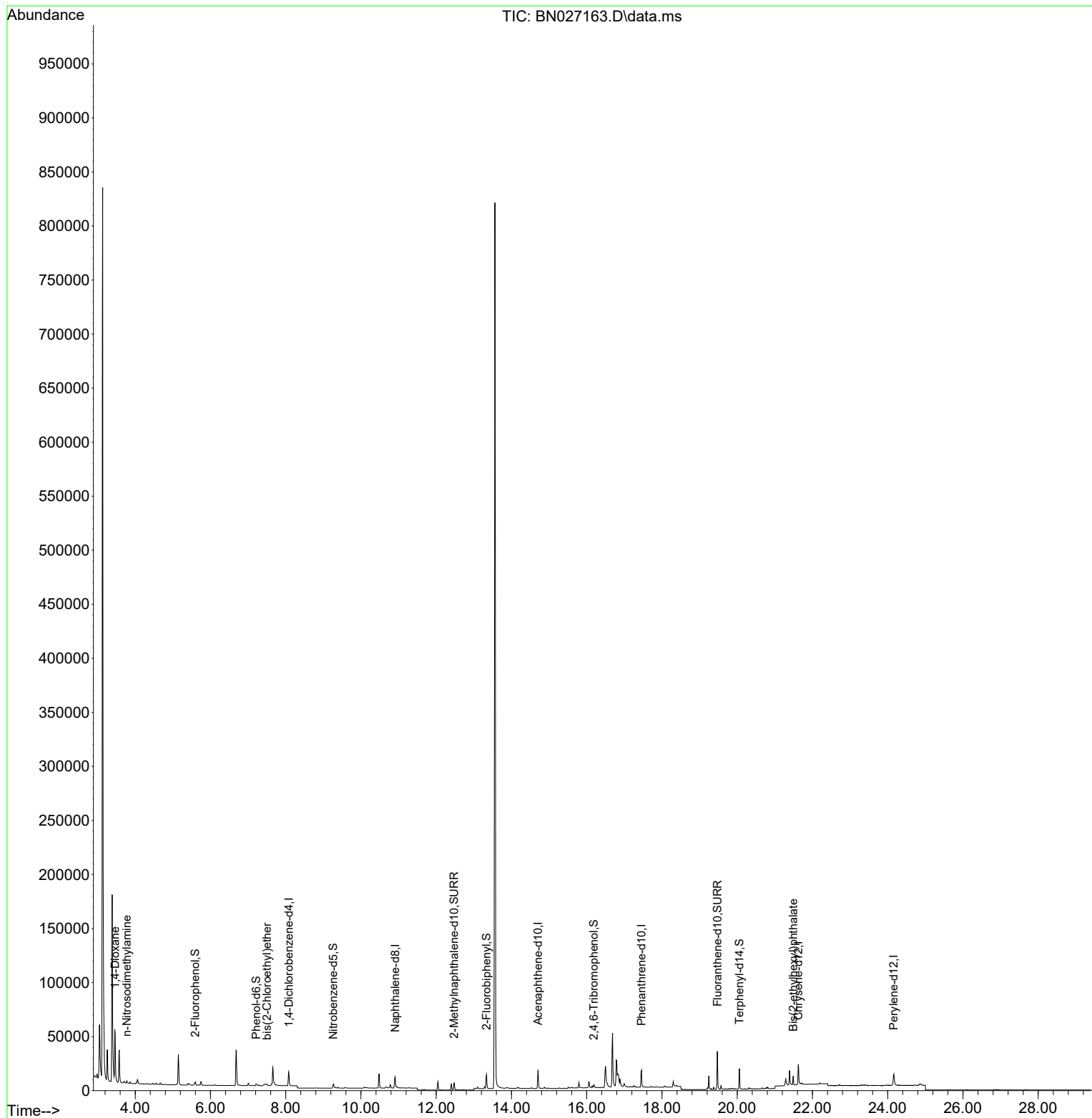
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	6029	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	15125	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	9960	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	22856	0.400	ng	0.00
29) Chrysene-d12	21.623	240	19434	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	17615	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2497	0.147	ng	0.00
5) Phenol-d6	7.214	99	1798	0.086	ng	0.00
8) Nitrobenzene-d5	9.262	82	3546	0.277	ng	-0.01
11) 2-Methylnaphthalene-d10	12.475	152	9106	0.379	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1642	0.310	ng	-0.01
15) 2-Fluorobiphenyl	13.336	172	12525	0.339	ng	0.00
27) Fluoranthene-d10	19.472	212	28935	0.494	ng	0.00
31) Terphenyl-d14	20.057	244	18046	0.444	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	34409	5.307	ng	Qvalue 97
3) n-Nitrosodimethylamine	3.776	42	245	0.034	ng	# 1
6) bis(2-Chloroethyl)ether	7.503	93	780	0.044	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.488	149	7365	0.146	ng	# 97

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

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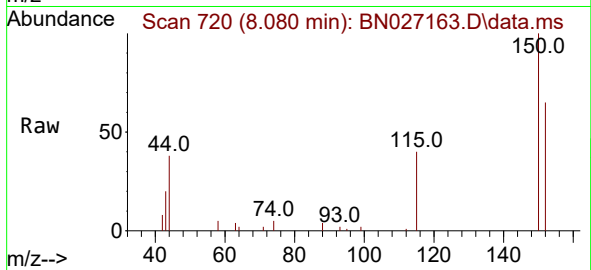
Quant Time: Aug 26 22:35:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



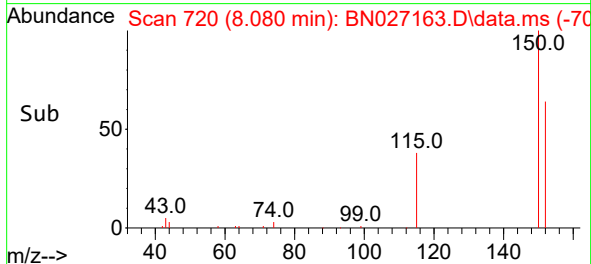
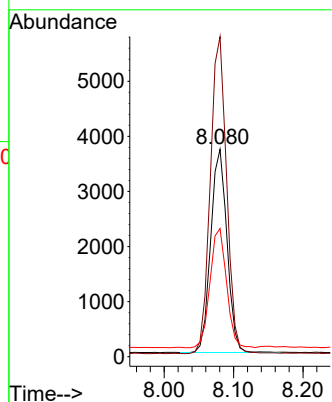


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.080 min Scan# 71
Delta R.T. -0.008 min
Lab File: BN027163.D
Acq: 26 Aug 2023 20:53

Instrument :
BNA_N
ClientSampleId :
TT101D-20230818

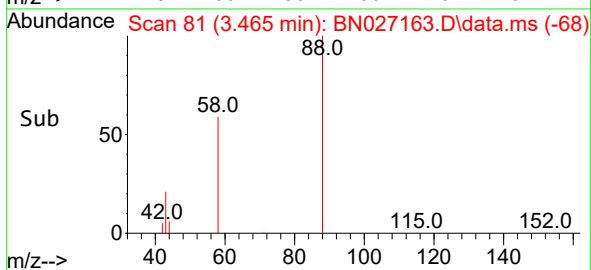
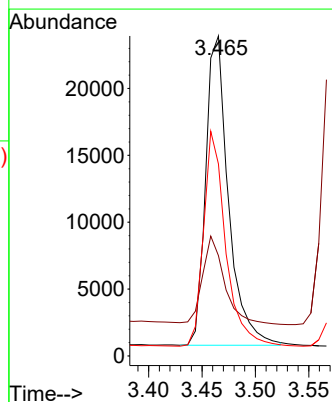
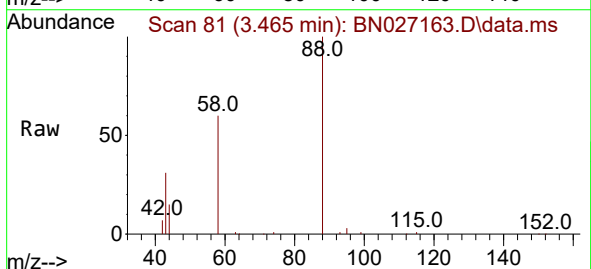


Tgt Ion:152 Resp: 6029
Ion Ratio Lower Upper
152 100
150 154.3 123.8 185.6
115 61.8 49.7 74.5



#2
1,4-Dioxane
Concen: 5.307 ng
RT: 3.465 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027163.D
Acq: 26 Aug 2023 20:53

Tgt Ion: 88 Resp: 34409
Ion Ratio Lower Upper
88 100
43 27.4 19.2 28.8
58 67.2 54.5 81.7

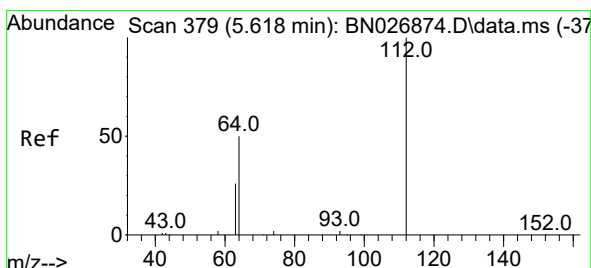
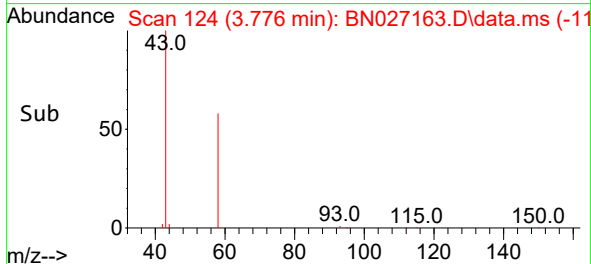
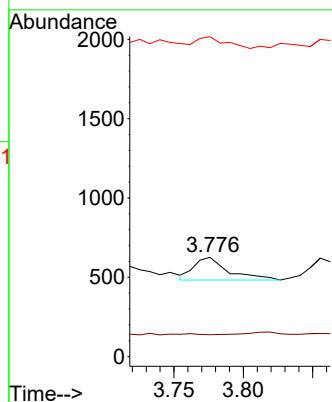
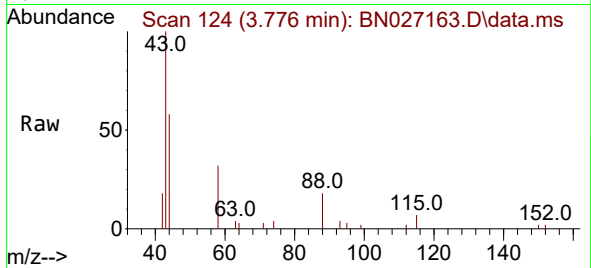




#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.776 min Scan# 11
Delta R.T. -0.036 min
Lab File: BN027163.D
Acq: 26 Aug 2023 20:53

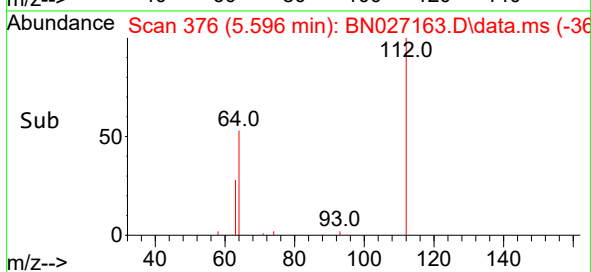
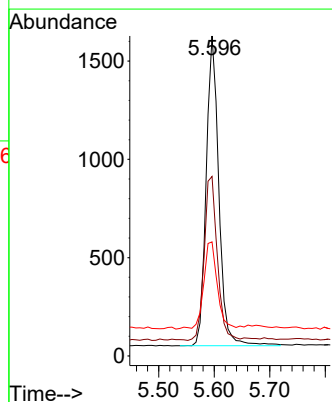
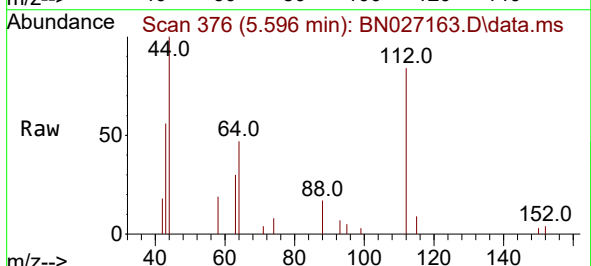
Instrument :
BNA_N
ClientSampleId :
TT101D-20230818

Tgt Ion: 42 Resp: 245
Ion Ratio Lower Upper
42 100
74 0.0 119.4 179.2#
44 41.2 8.7 13.1#



#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.596 min Scan# 376
Delta R.T. -0.007 min
Lab File: BN027163.D
Acq: 26 Aug 2023 20:53

Tgt Ion: 112 Resp: 2497
Ion Ratio Lower Upper
112 100
64 54.9 41.5 62.3
63 30.2 21.7 32.5

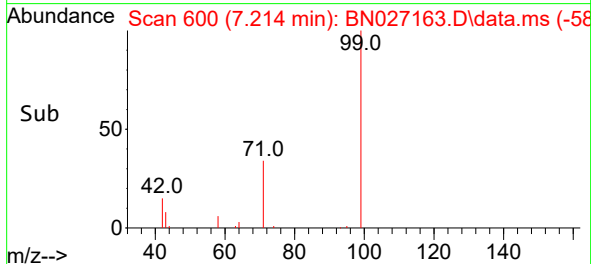
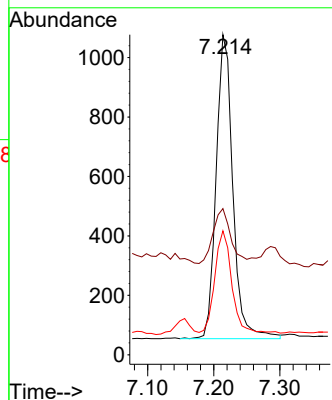
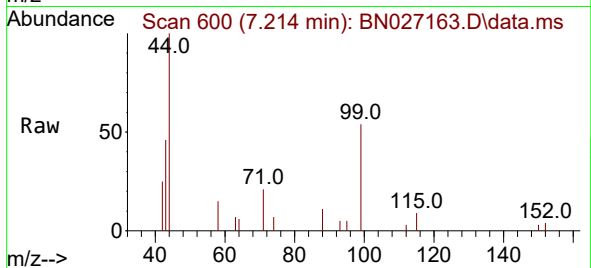




#5
Phenol-d6
Concen: 0.086 ng
RT: 7.214 min Scan# 603
Delta R.T. -0.007 min
Lab File: BN027163.D
Acq: 26 Aug 2023 20:53

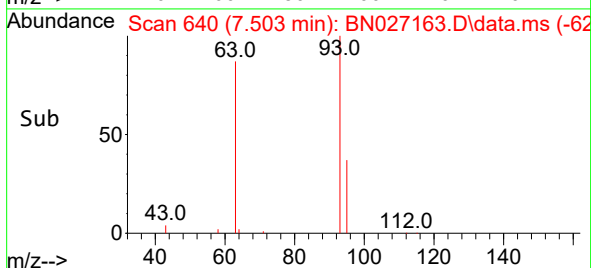
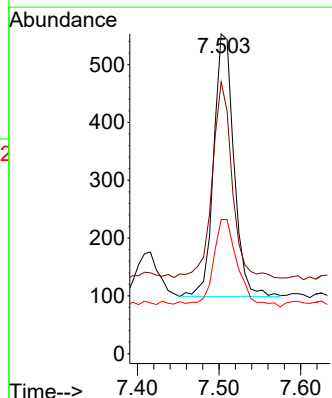
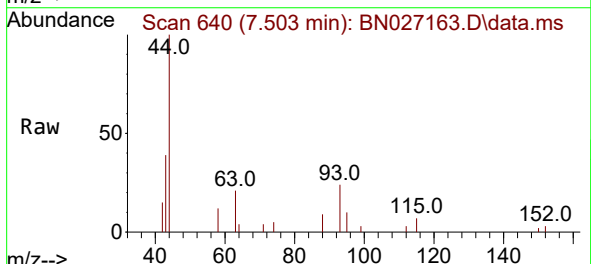
Instrument :
BNA_N
ClientSampleId :
TT101D-20230818

Tgt Ion: 99 Resp: 1798
Ion Ratio Lower Upper
99 100
42 19.5 13.6 20.4
71 33.9 26.0 39.0



#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 7.503 min Scan# 640
Delta R.T. -0.007 min
Lab File: BN027163.D
Acq: 26 Aug 2023 20:53

Tgt Ion: 93 Resp: 780
Ion Ratio Lower Upper
93 100
63 73.5 55.0 82.4
95 40.3 26.2 39.2#

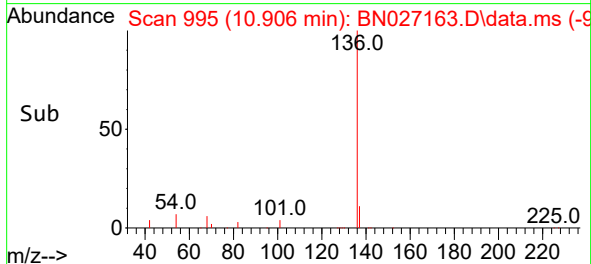
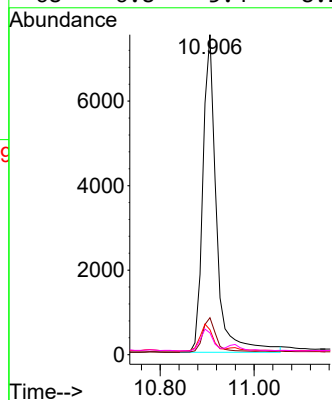
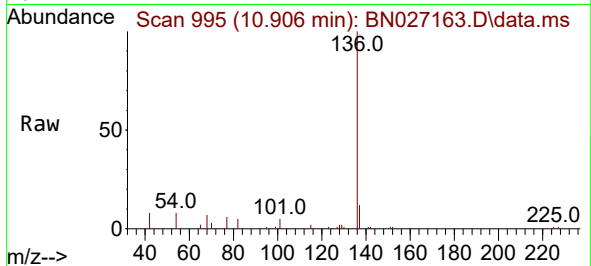




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027163.D
Acq: 26 Aug 2023 20:53

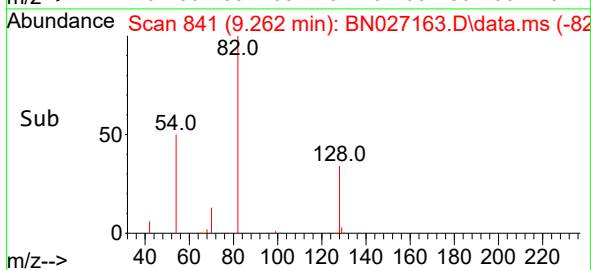
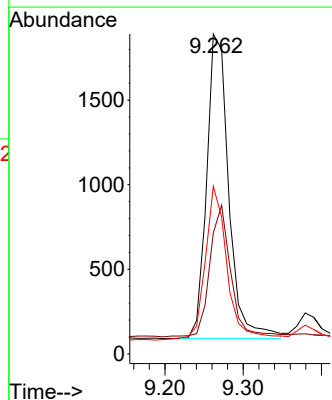
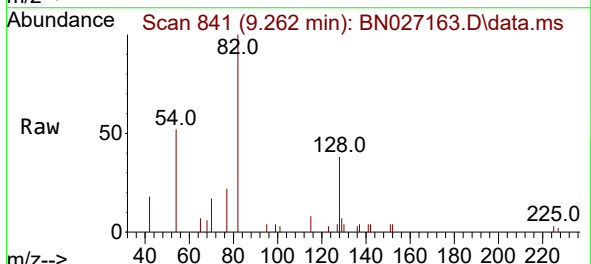
Instrument :
BNA_N
ClientSampleId :
TT101D-20230818

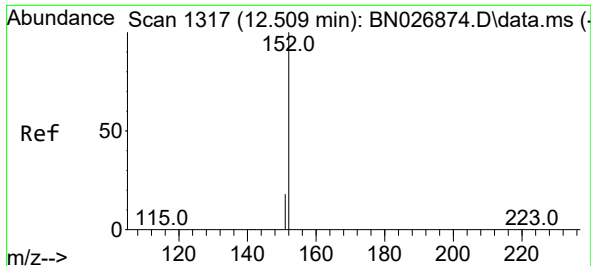
Tgt Ion:	136	Resp:	15125
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	7.8	5.5	8.3
68	6.8	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027163.D
Acq: 26 Aug 2023 20:53

Tgt Ion:	82	Resp:	3546
Ion Ratio	Lower	Upper	
82	100		
128	37.9	34.1	51.1
54	52.4	37.0	55.4





#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 12.475 min Scan# 11

Delta R.T. -0.008 min

Lab File: BN027163.D

Acq: 26 Aug 2023 20:53

Instrument :

BNA_N

ClientSampleId :

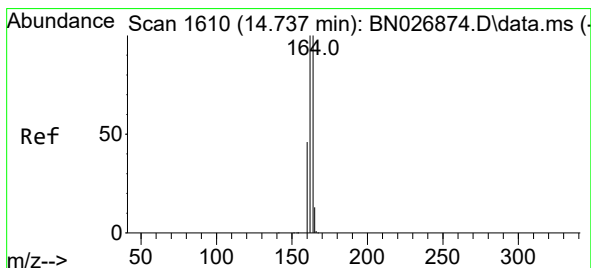
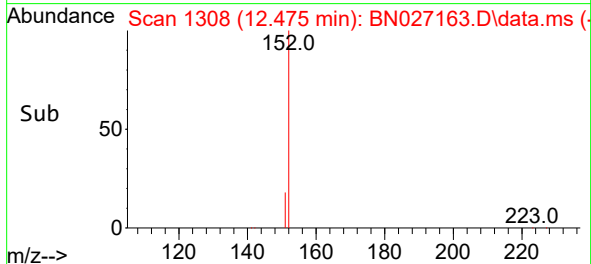
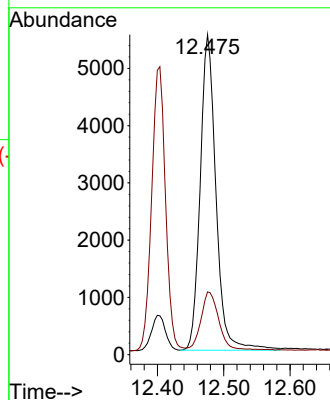
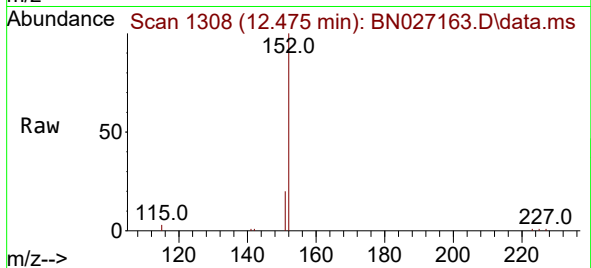
TT101D-20230818

Tgt Ion:152 Resp: 9106

Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.705 min Scan# 1607

Delta R.T. -0.000 min

Lab File: BN027163.D

Acq: 26 Aug 2023 20:53

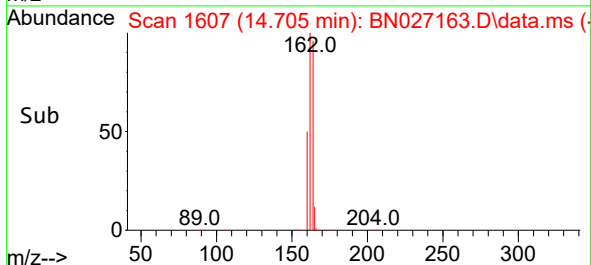
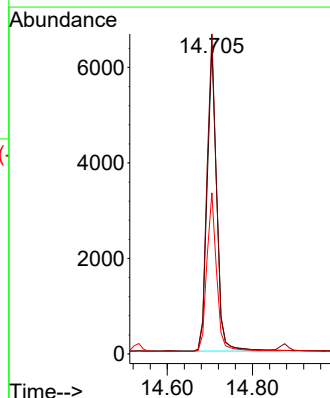
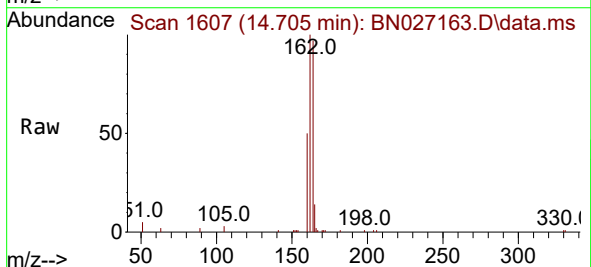
Tgt Ion:164 Resp: 9960

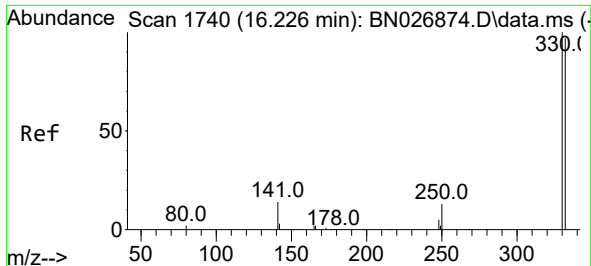
Ion Ratio Lower Upper

164 100

162 103.6 79.7 119.5

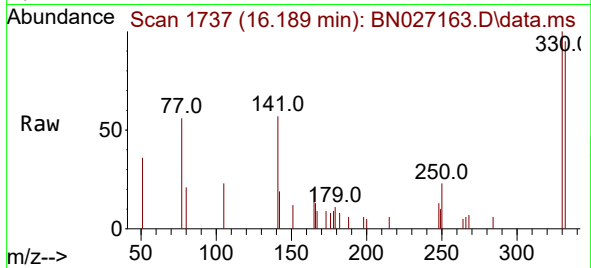
160 52.2 37.4 56.0



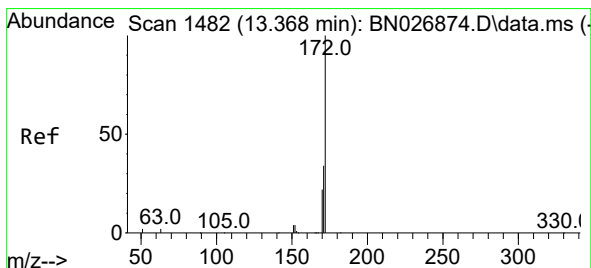
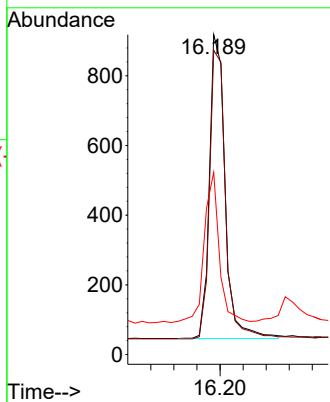
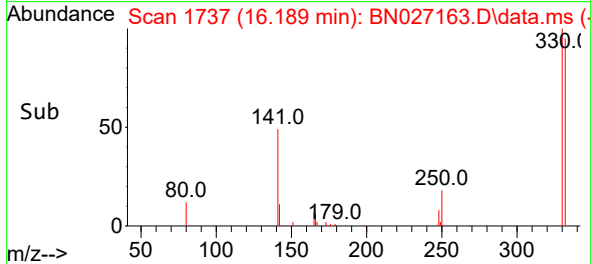


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027163.D
Acq: 26 Aug 2023 20:53

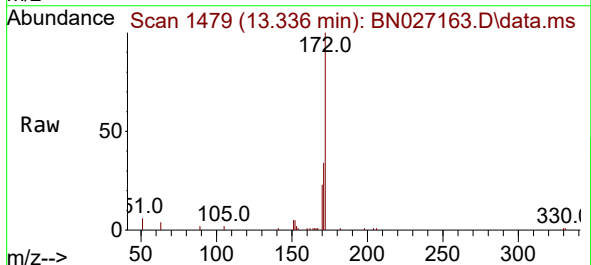
Instrument :
BNA_N
ClientSampleId :
TT101D-20230818



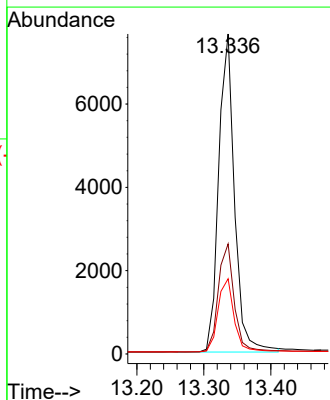
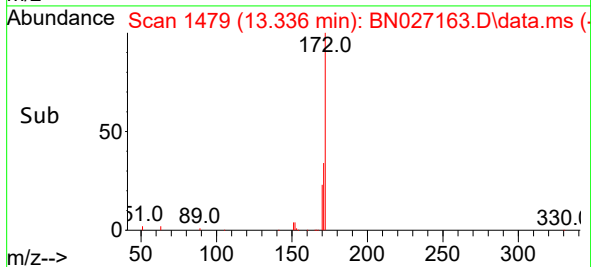
Tgt Ion:330 Resp: 1642
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 45.4 32.3 48.5

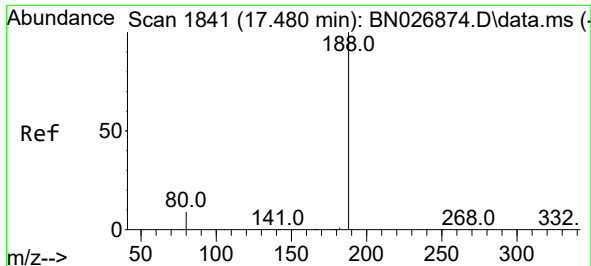


#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.336 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BN027163.D
Acq: 26 Aug 2023 20:53



Tgt Ion:172 Resp: 12525
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.5 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: BN027163.D

Acq: 26 Aug 2023 20:53

Instrument :

BNA_N

ClientSampleId :

TT101D-20230818

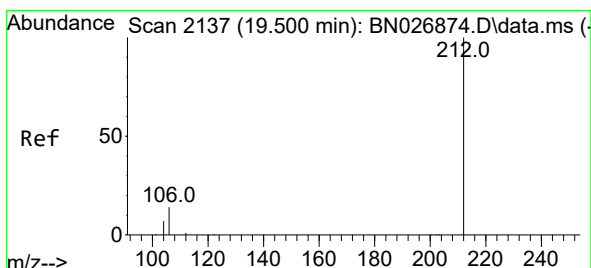
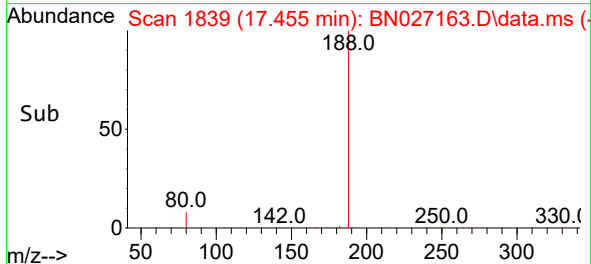
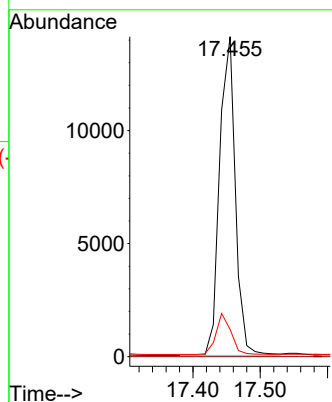
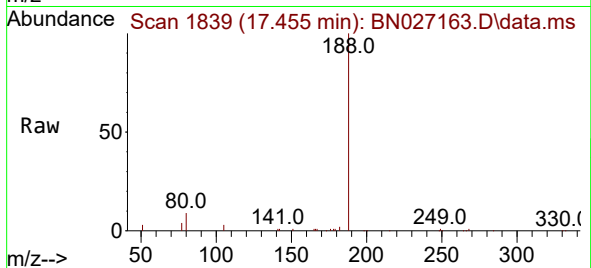
Tgt Ion:188 Resp: 22856

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 7.4 11.2



#27

Fluoranthene-d10

Concen: 0.494 ng

RT: 19.472 min Scan# 2131

Delta R.T. -0.005 min

Lab File: BN027163.D

Acq: 26 Aug 2023 20:53

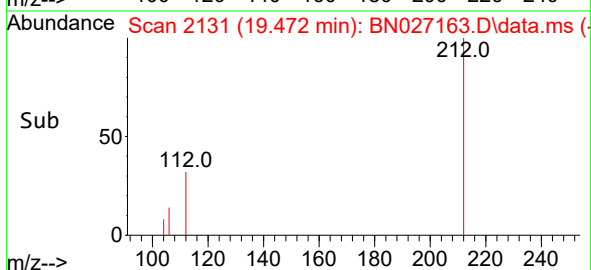
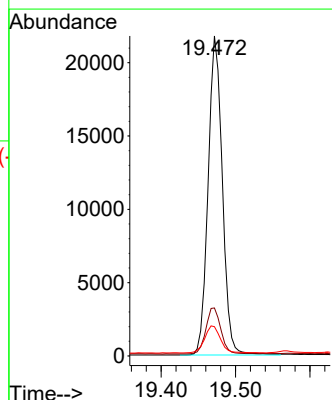
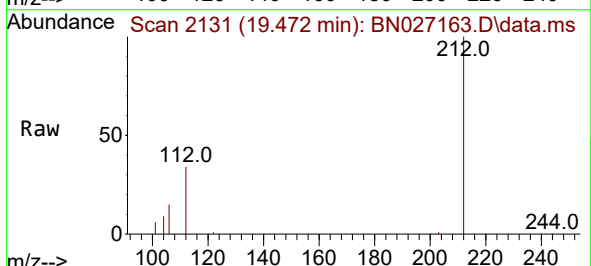
Tgt Ion:212 Resp: 28935

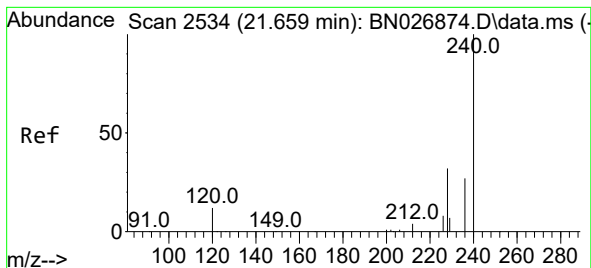
Ion Ratio Lower Upper

212 100

106 15.1 10.9 16.3

104 9.5 5.9 8.9#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027163.D

Acq: 26 Aug 2023 20:53

Instrument :

BNA_N

ClientSampleId :

TT101D-20230818

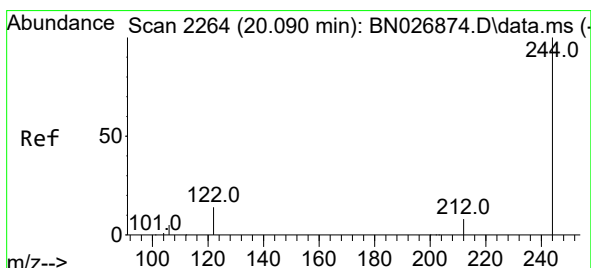
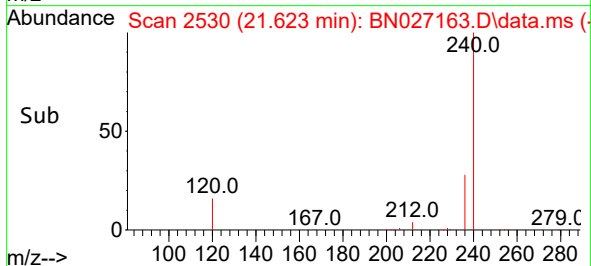
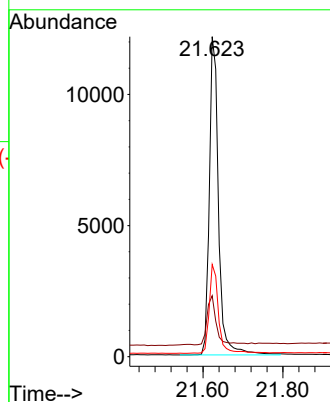
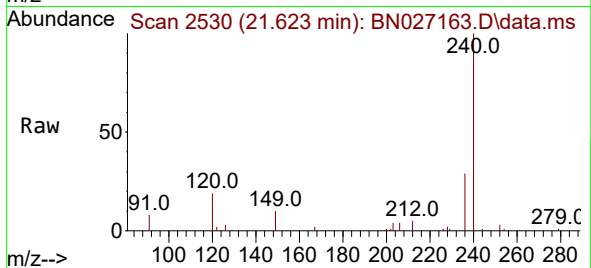
Tgt Ion:240 Resp: 19434

Ion Ratio Lower Upper

240 100

120 19.0 11.1 16.7#

236 28.8 22.2 33.2



#31

Terphenyl-d14

Concen: 0.444 ng

RT: 20.057 min Scan# 2257

Delta R.T. -0.005 min

Lab File: BN027163.D

Acq: 26 Aug 2023 20:53

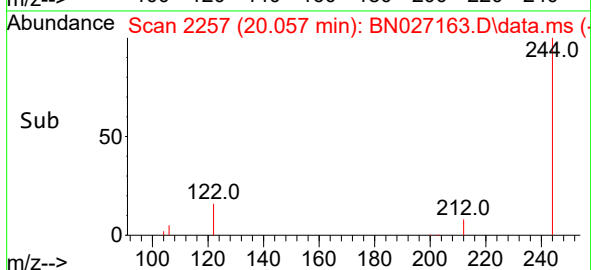
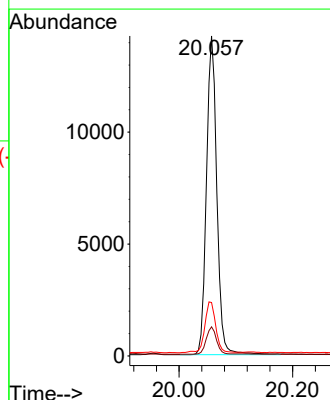
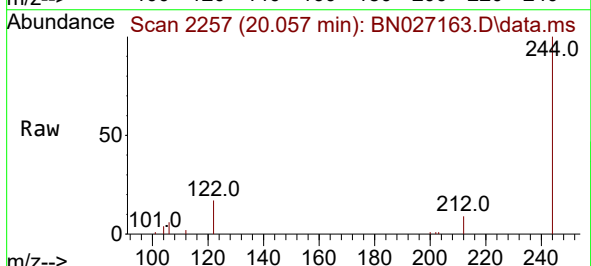
Tgt Ion:244 Resp: 18046

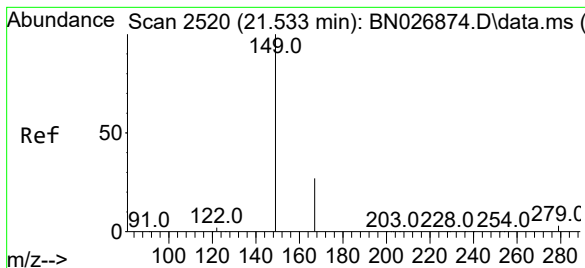
Ion Ratio Lower Upper

244 100

212 9.1 6.9 10.3

122 16.7 11.9 17.9

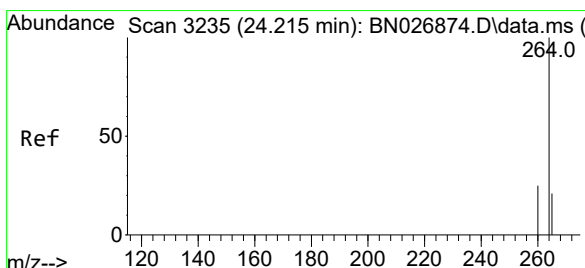
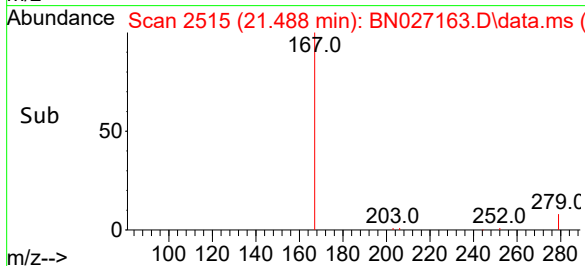
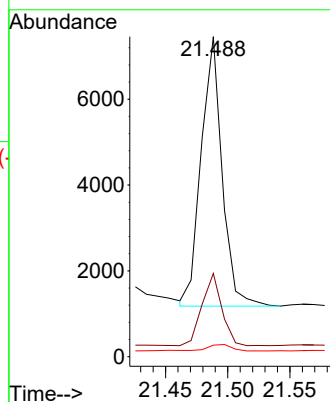
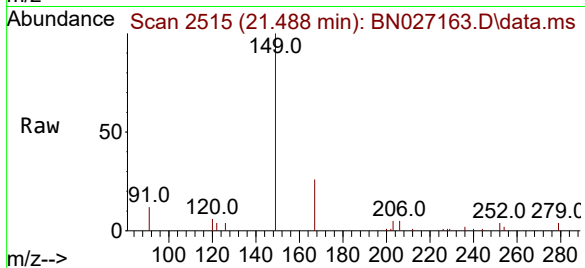




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.146 ng
 RT: 21.488 min Scan# 2148
 Delta R.T. -0.009 min
 Lab File: BN027163.D
 Acq: 26 Aug 2023 20:53

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20230818

Tgt Ion:149 Resp: 7365
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.4 32.0
 279 3.1 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.159 min Scan# 3216
 Delta R.T. -0.012 min
 Lab File: BN027163.D
 Acq: 26 Aug 2023 20:53

Tgt Ion:264 Resp: 17615
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.4 30.6
 265 63.1 27.0 40.6#

