

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033511.D
 Acq On : 20 Aug 2024 18:16
 Operator : MA/JU
 Sample : P3623-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-HYD-20240814

Quant Time: Aug 20 18:43:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

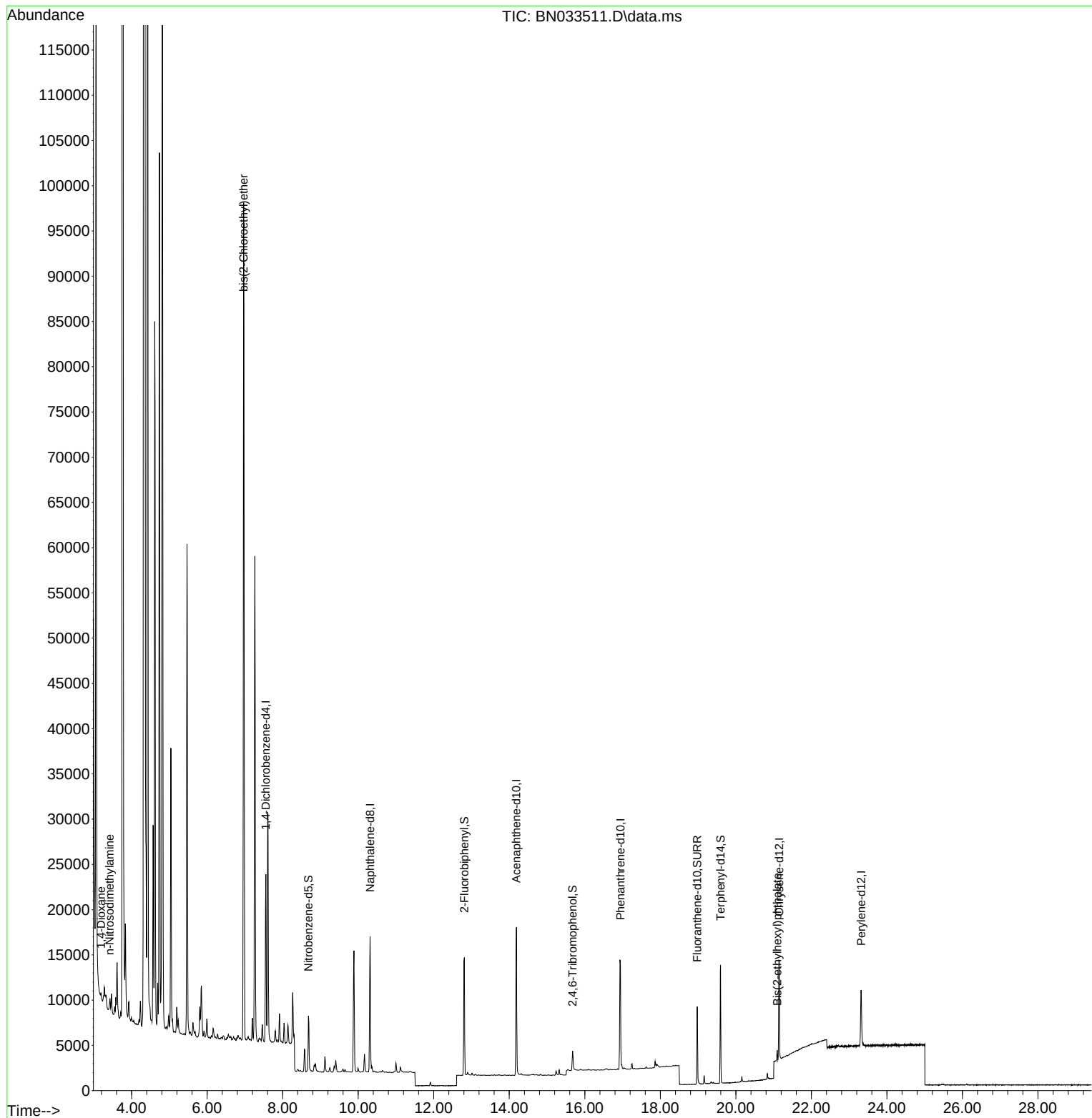
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7274	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	18924	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	9264	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	18895	0.400	ng	# 0.00
29) Chrysene-d12	21.148	240	10814	0.400	ng	# 0.00
35) Perylene-d12	23.315	264	7999	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	190	0.008	ng	0.00
5) Phenol-d6	6.736	99	25	0.001	ng	0.00
8) Nitrobenzene-d5	8.681	82	4773	0.304	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	507	0.019	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1194	0.240	ng	-0.01
15) 2-Fluorobiphenyl	12.810	172	12214	0.323	ng	0.00
27) Fluoranthene-d10	18.975	212	9297	0.205	ng	0.00
31) Terphenyl-d14	19.593	244	11834	0.482	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	273	0.033	ng	# 37
3) n-Nitrosodimethylamine	3.421	42	1205	0.124	ng	# 1
6) bis(2-Chloroethyl)ether	6.967	93	56173	2.881	ng	# 42
34) Bis(2-ethylhexyl)phtha...	21.095	149	1128	0.046	ng	# 93

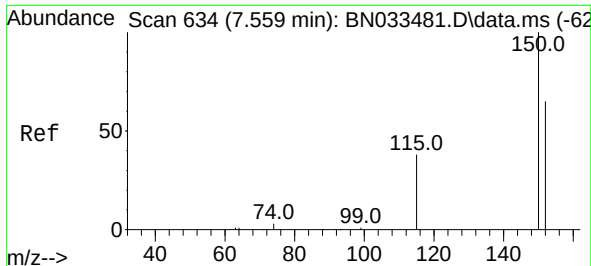
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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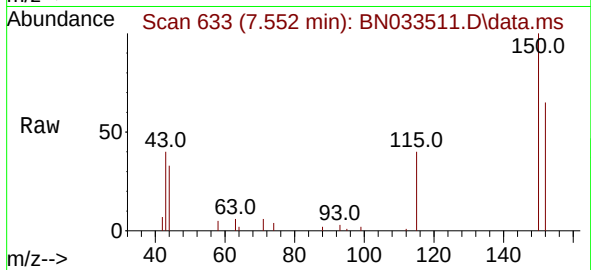
Quant Time: Aug 20 18:43:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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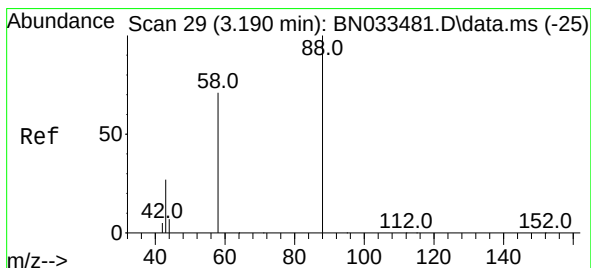
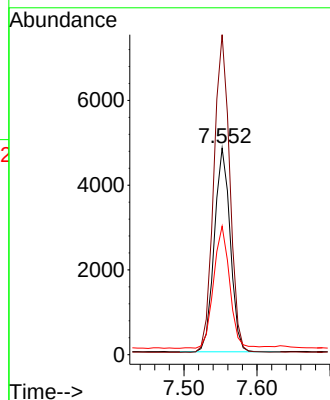
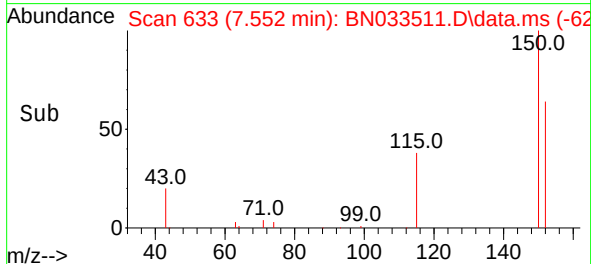
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033511.D
 Acq: 20 Aug 2024 18:16

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-HYD-20240814



Tgt Ion:152 Resp: 7274

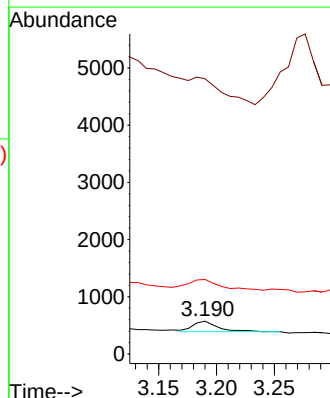
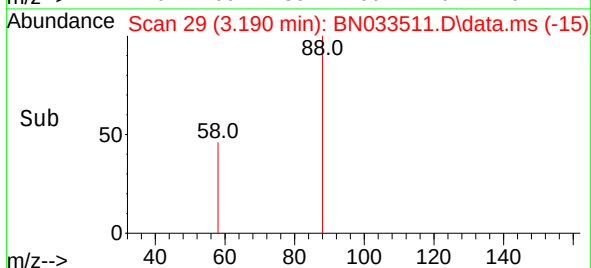
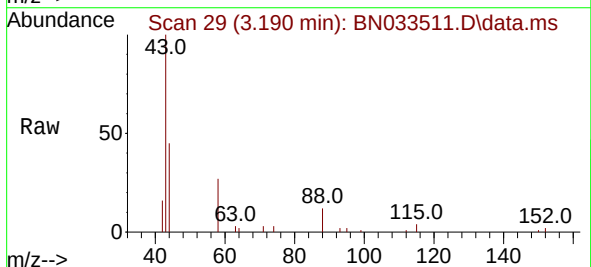
Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.2	183.2
115	62.2	47.2	70.8

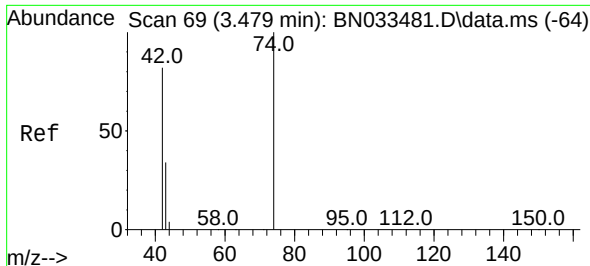


#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.190 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN033511.D
 Acq: 20 Aug 2024 18:16

Tgt Ion: 88 Resp: 273

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.0	37.4#
58	135.5	62.5	93.7#

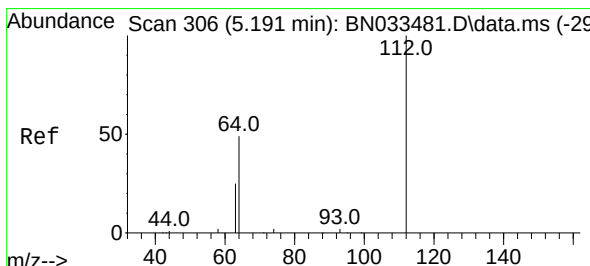
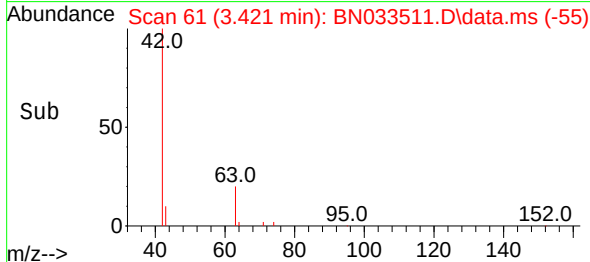
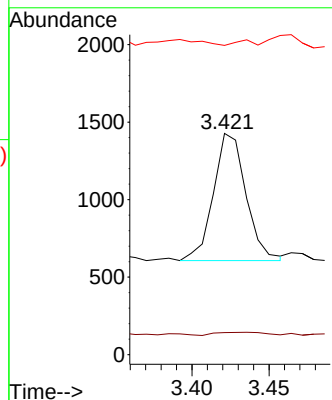
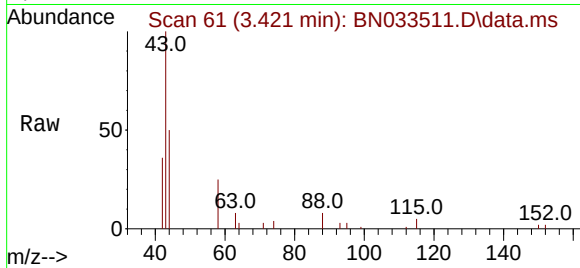




#3
n-Nitrosodimethylamine
Concen: 0.124 ng
RT: 3.421 min Scan# 61
Delta R.T. -0.058 min
Lab File: BN033511.D
Acq: 20 Aug 2024 18:16

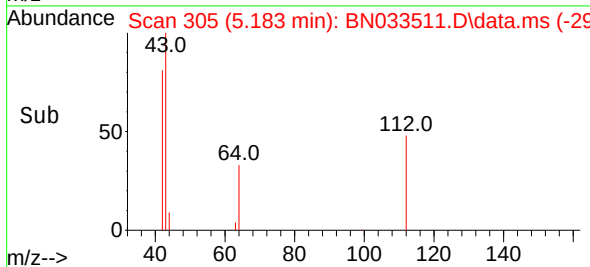
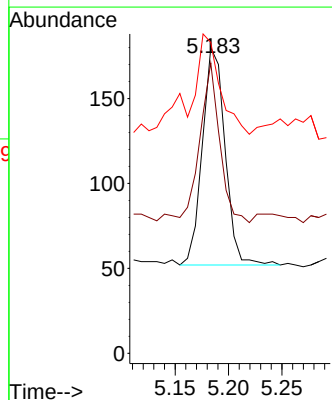
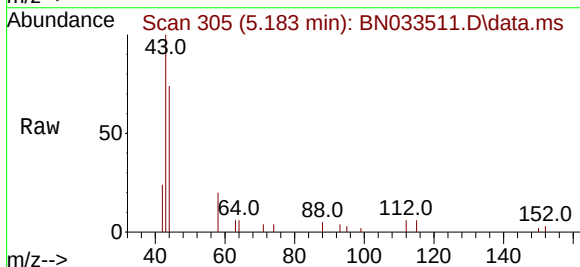
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240814

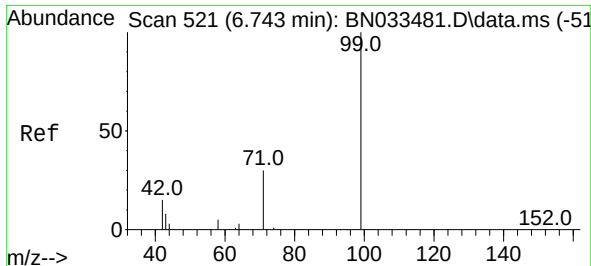
Tgt Ion: 42 Resp: 1205
Ion Ratio Lower Upper
42 100
74 3.7 100.2 150.2#
44 0.0 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033511.D
Acq: 20 Aug 2024 18:16

Tgt Ion: 112 Resp: 190
Ion Ratio Lower Upper
112 100
64 66.3 47.1 70.7
63 61.6 24.9 37.3#





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.736 min Scan# 51

Delta R.T. -0.007 min

Lab File: BN033511.D

Acq: 20 Aug 2024 18:16

Instrument :

BNA_N

ClientSampleId :

BPOW6-7-HYD-20240814

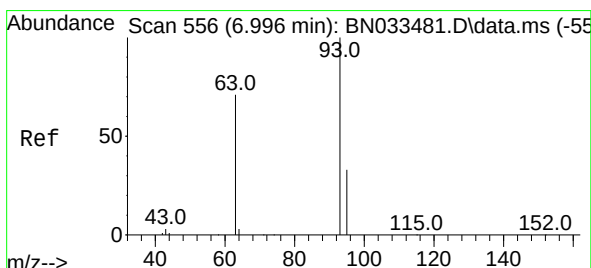
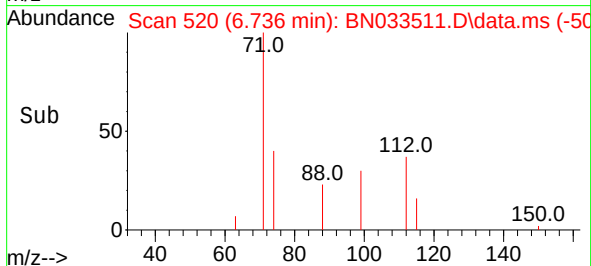
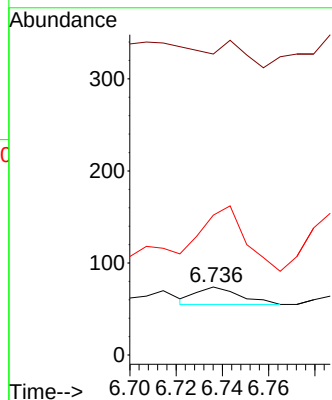
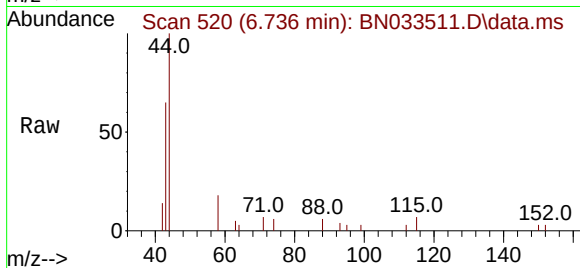
Tgt Ion: 99 Resp: 25

Ion Ratio Lower Upper

99 100

42 0.0 16.6 24.8#

71 676.0 26.2 39.4#



#6

bis(2-Chloroethyl)ether

Concen: 2.881 ng

RT: 6.967 min Scan# 552

Delta R.T. -0.029 min

Lab File: BN033511.D

Acq: 20 Aug 2024 18:16

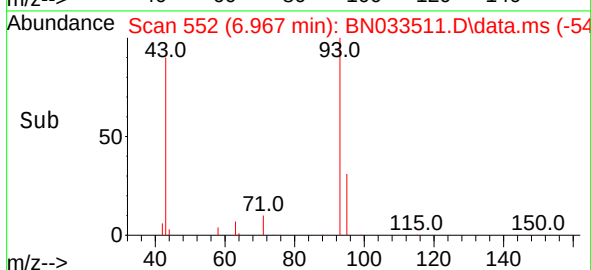
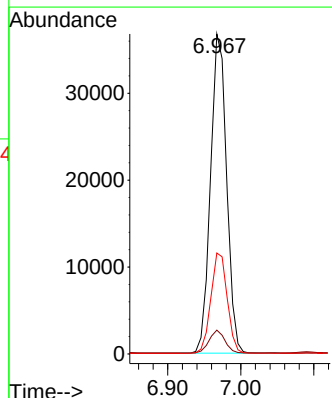
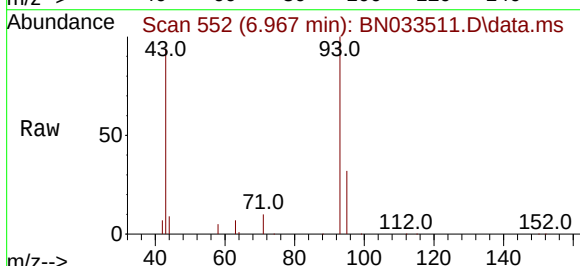
Tgt Ion: 93 Resp: 56173

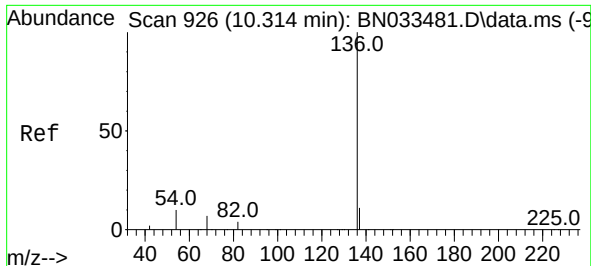
Ion Ratio Lower Upper

93 100

63 6.9 63.0 94.4#

95 31.8 26.0 39.0

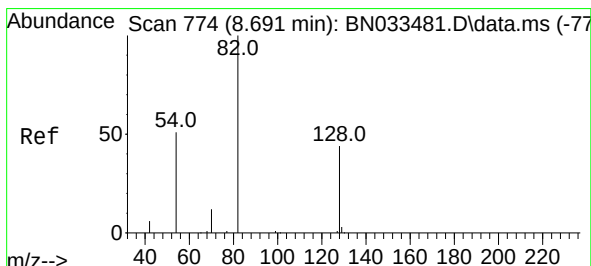
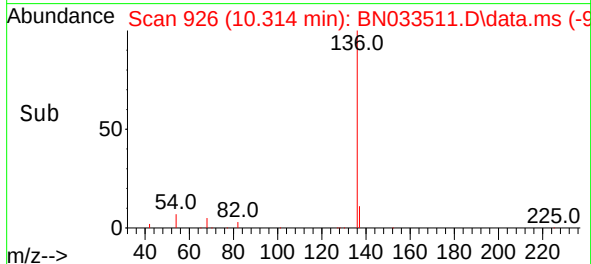
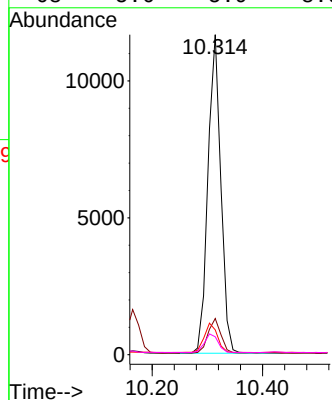
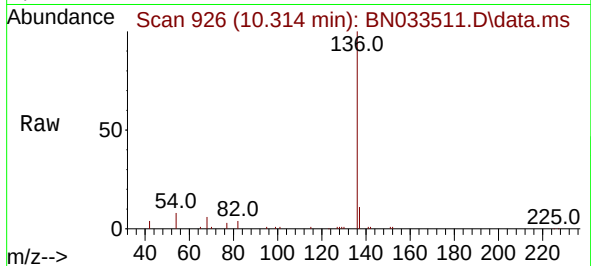




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033511.D
Acq: 20 Aug 2024 18:16

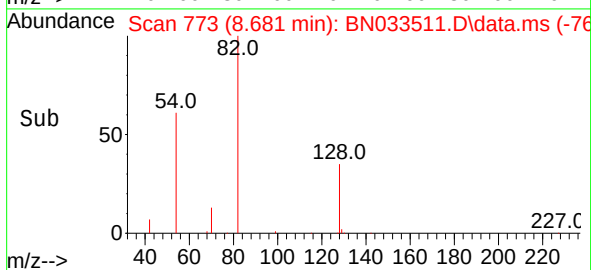
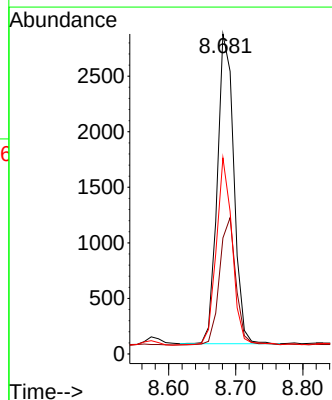
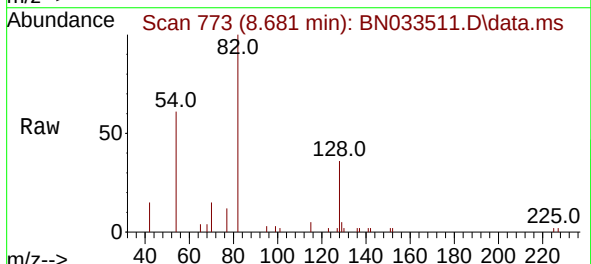
Instrument :
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ClientSampleId :
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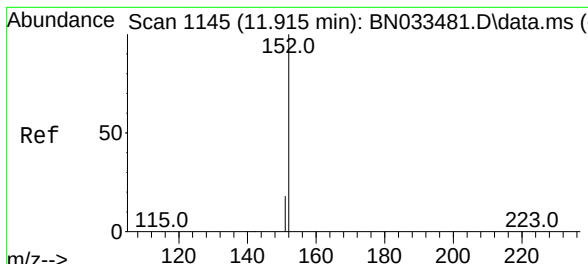
Tgt Ion:	136	Resp:	18924
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	7.7	8.3	12.5#
68	5.6	5.9	8.9#



#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033511.D
Acq: 20 Aug 2024 18:16

Tgt Ion:	82	Resp:	4773
Ion Ratio	Lower	Upper	
82	100		
128	36.3	36.0	54.0
54	61.3	42.0	63.0

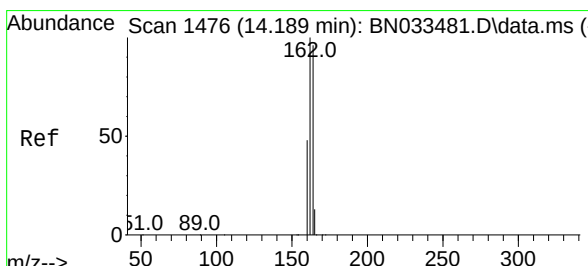
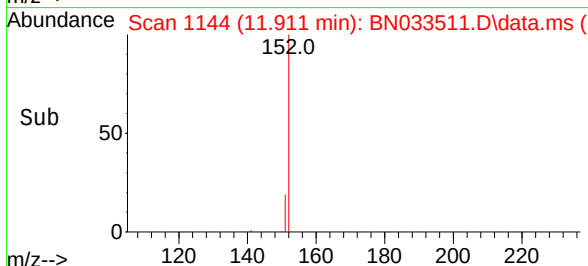
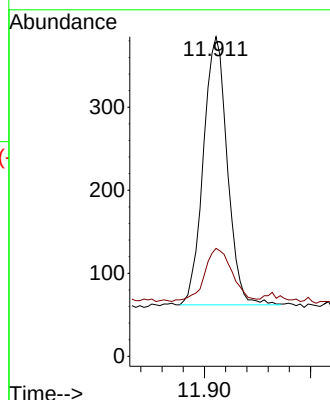
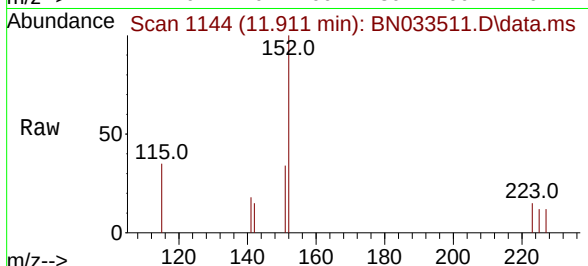




#11
2-Methylnaphthalene-d10
Concen: 0.019 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033511.D
Acq: 20 Aug 2024 18:16

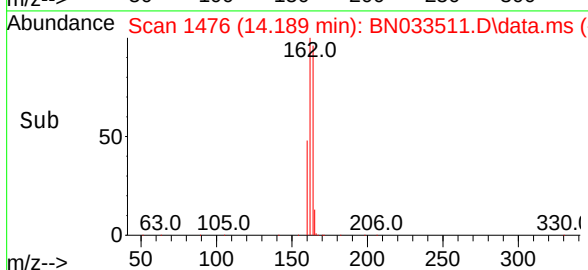
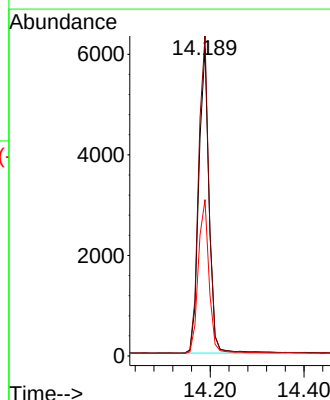
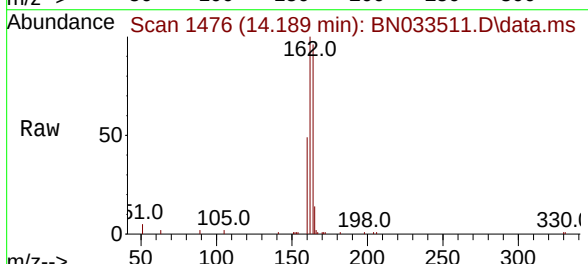
Instrument :
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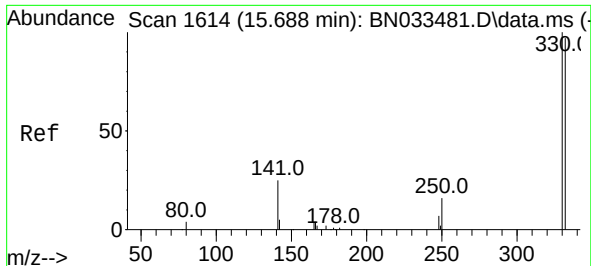
Tgt Ion:152 Resp: 507
Ion Ratio Lower Upper
152 100
151 22.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN033511.D
Acq: 20 Aug 2024 18:16

Tgt Ion:164 Resp: 9264
Ion Ratio Lower Upper
164 100
162 104.1 83.5 125.3
160 50.8 40.2 60.4

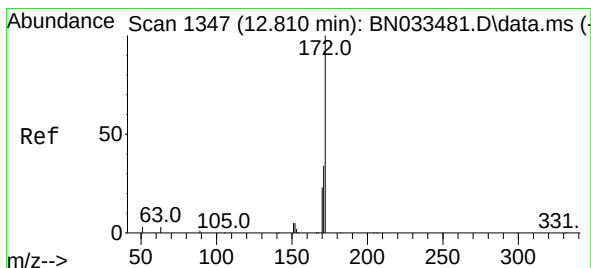
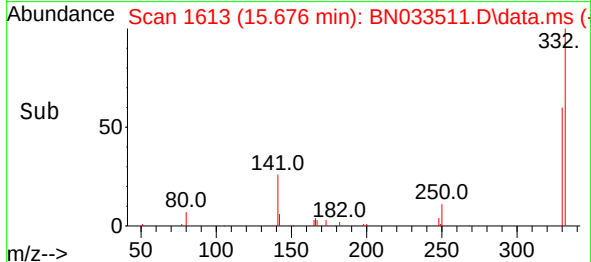
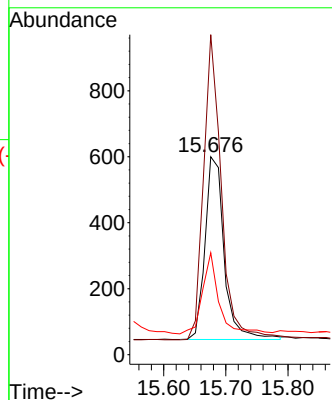
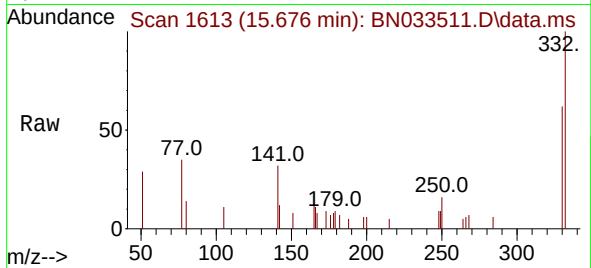




#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 15.676 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033511.D
Acq: 20 Aug 2024 18:16

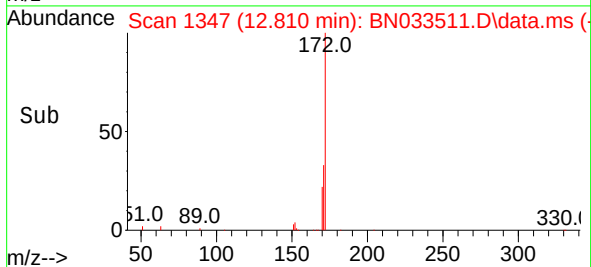
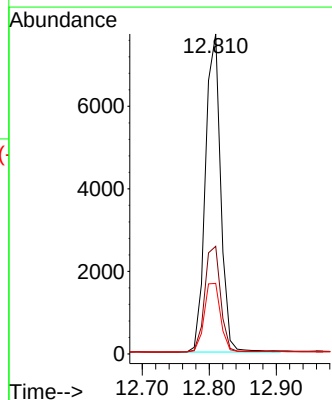
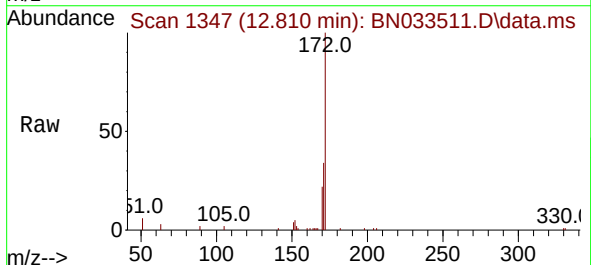
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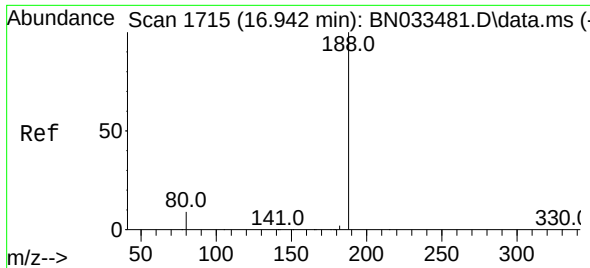
Tgt Ion:330 Resp: 1194
Ion Ratio Lower Upper
330 100
332 155.2 77.5 116.3#
141 38.2 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.810 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN033511.D
Acq: 20 Aug 2024 18:16

Tgt Ion:172 Resp: 12214
Ion Ratio Lower Upper
172 100
171 33.6 27.7 41.5
170 22.1 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN033511.D

Acq: 20 Aug 2024 18:16

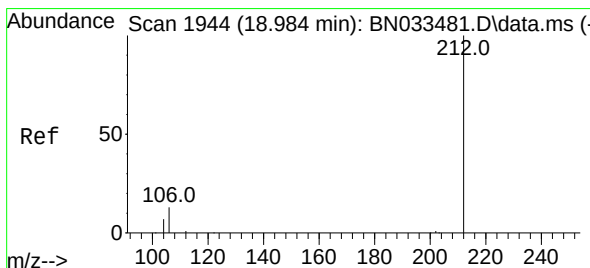
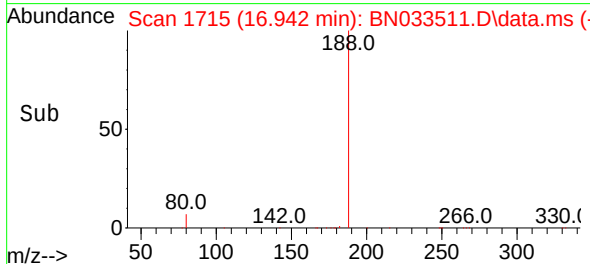
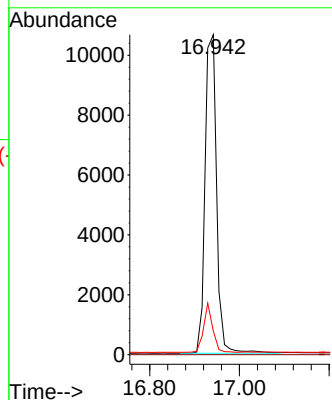
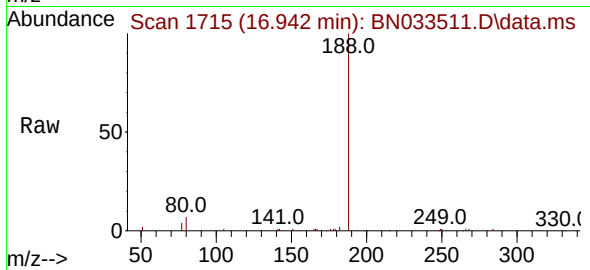
Instrument :

BNA_N

ClientSampleId :

BPOW6-7-HYD-20240814

Tgt Ion:188	Resp:	18895
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.4	11.8



#27

Fluoranthene-d10

Concen: 0.205 ng

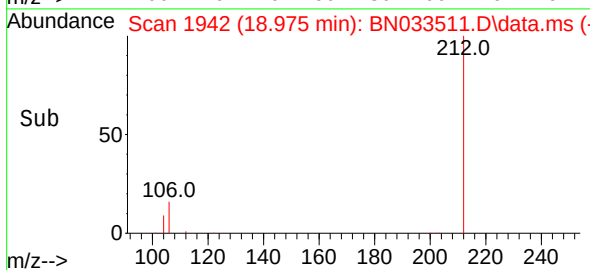
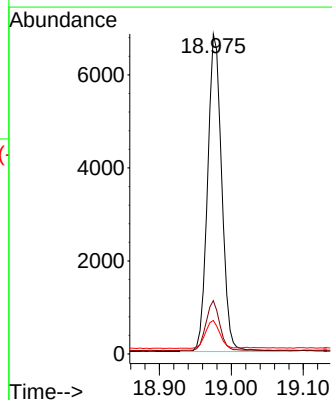
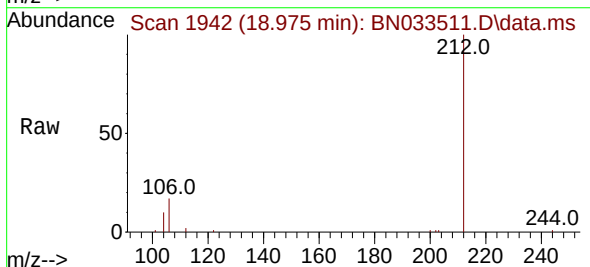
RT: 18.975 min Scan# 1942

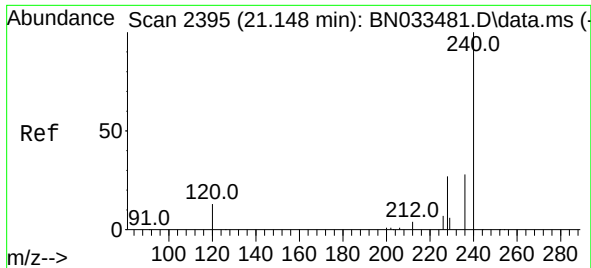
Delta R.T. -0.009 min

Lab File: BN033511.D

Acq: 20 Aug 2024 18:16

Tgt Ion:212	Resp:	9297
Ion Ratio	Lower	Upper
212	100	
106	15.3	12.3
104	9.0	7.0

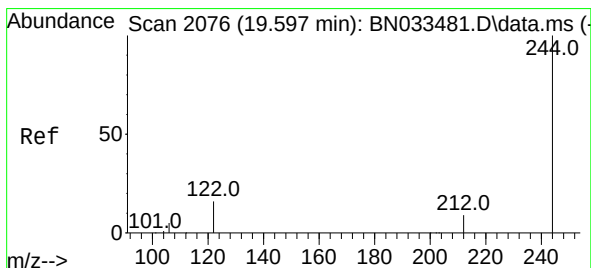
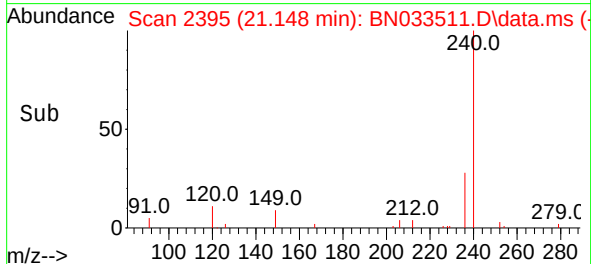
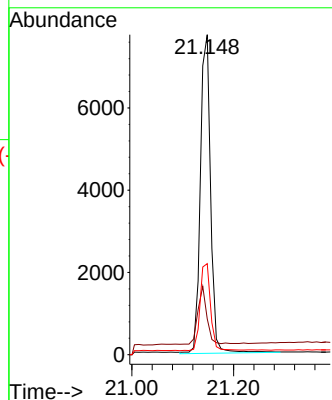
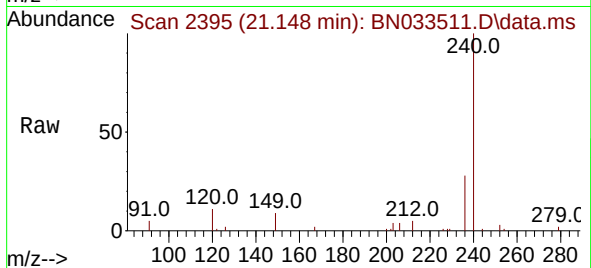




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN033511.D
Acq: 20 Aug 2024 18:16

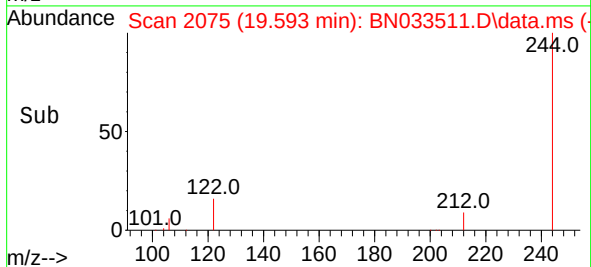
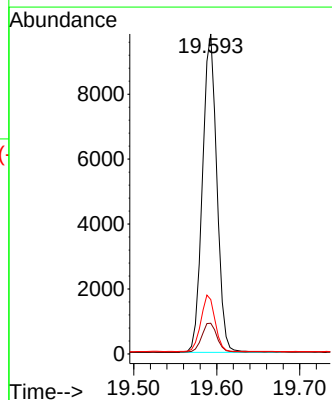
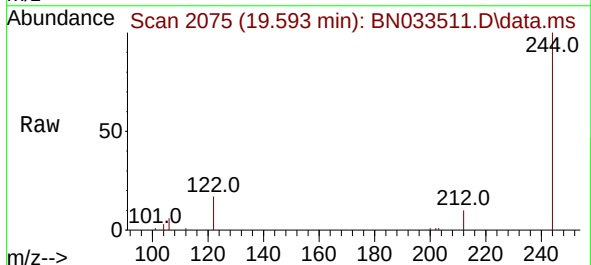
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240814

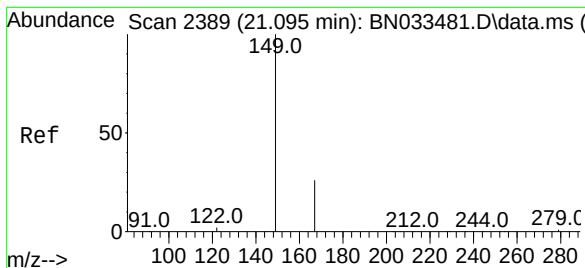
Tgt Ion:240 Resp: 10814
Ion Ratio Lower Upper
240 100
120 11.2 12.4 18.6#
236 28.5 23.0 34.6



#31
Terphenyl-d14
Concen: 0.482 ng
RT: 19.593 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN033511.D
Acq: 20 Aug 2024 18:16

Tgt Ion:244 Resp: 11834
Ion Ratio Lower Upper
244 100
212 9.6 7.8 11.6
122 17.0 13.3 19.9





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.095 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN033511.D

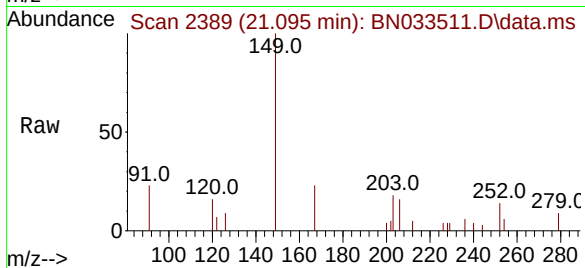
Acq: 20 Aug 2024 18:16

Instrument :

BNA_N

ClientSampleId :

BPOW6-7-HYD-20240814



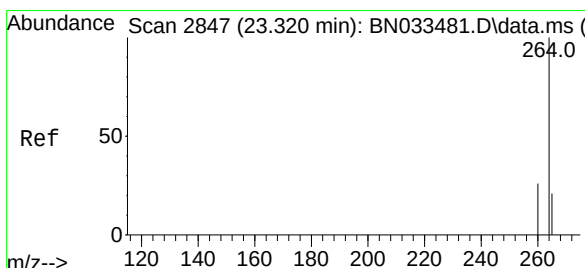
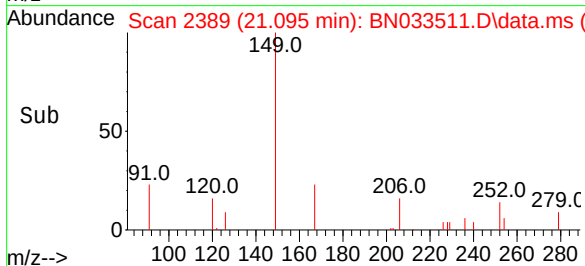
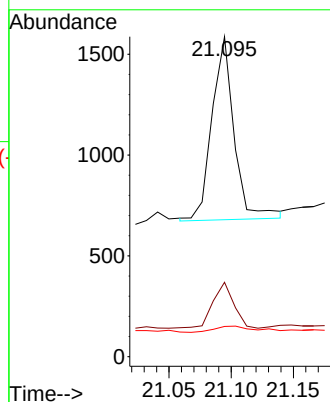
Tgt Ion:149 Resp: 1128

Ion Ratio Lower Upper

149 100

167 23.4 21.5 32.3

279 0.0 2.2 3.2#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.315 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BN033511.D

Acq: 20 Aug 2024 18:16

Tgt Ion:264 Resp: 7999

Ion Ratio Lower Upper

264 100

260 27.6 20.8 31.2

265 93.2 52.2 78.2#

