

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025506.D
 Acq On : 20 May 2023 02:51
 Operator : CG/JU
 Sample : 02834-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230516

Quant Time: May 20 04:02:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 02:17:42 2023
 Response via : Initial Calibration

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

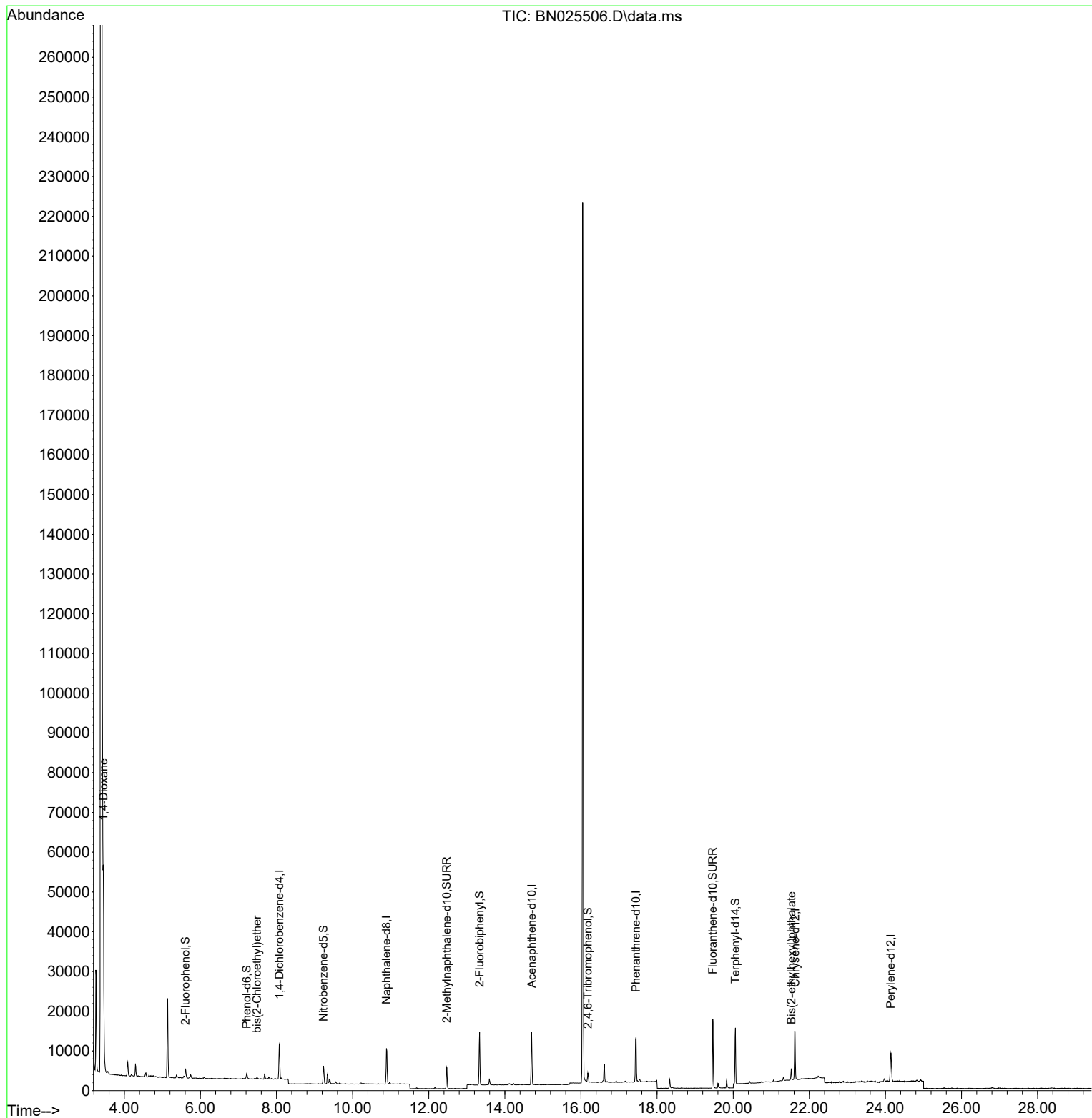
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	4435	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	12688	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	7591	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	17363	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	12415	0.400	ng	0.00
35) Perylene-d12	24.144	264	11345	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	1618	0.162	ng	0.00
5) Phenol-d6	7.218	99	1309	0.102	ng	0.00
8) Nitrobenzene-d5	9.234	82	3776	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	7223	0.409	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1152	0.389	ng	-0.01
15) 2-Fluorobiphenyl	13.336	172	11502	0.396	ng	0.00
27) Fluoranthene-d10	19.464	212	18536	0.462	ng	0.00
31) Terphenyl-d14	20.058	244	12487	0.566	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	19906	4.399	ng	Qvalue 98
6) bis(2-Chloroethyl)ether	7.485	93	458	0.037	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.527	149	2842	0.107	ng	97

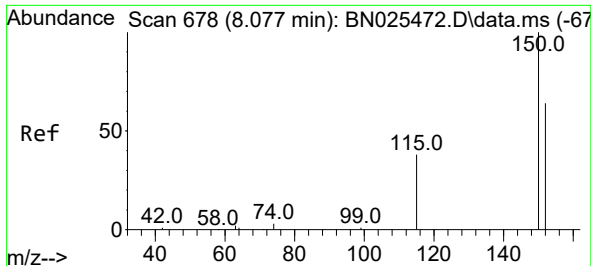
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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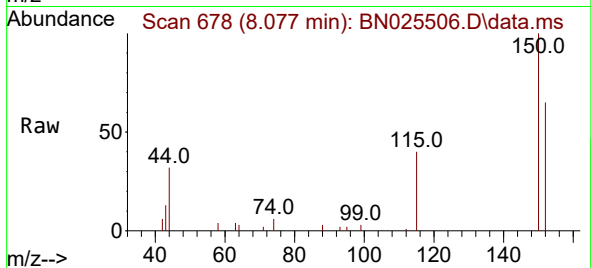
Quant Time: May 20 04:02:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration



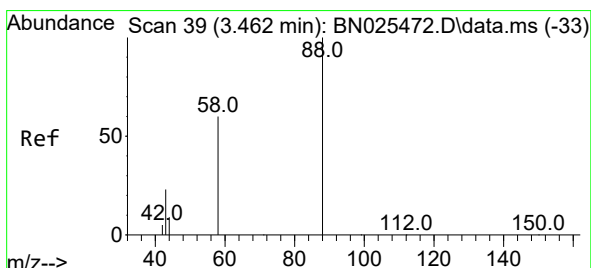
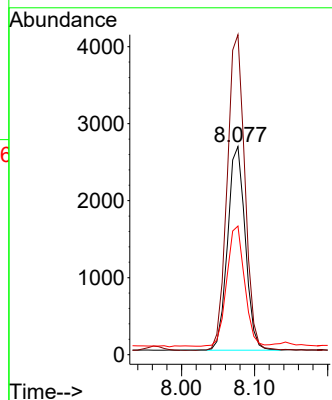
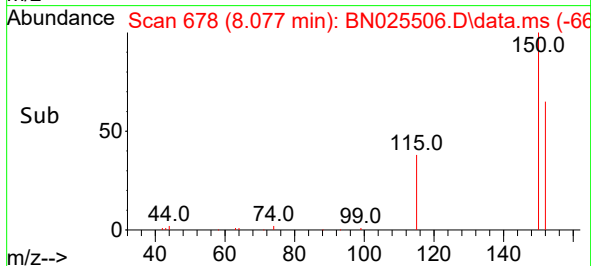


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.077 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025506.D
 Acq: 20 May 2023 02:51

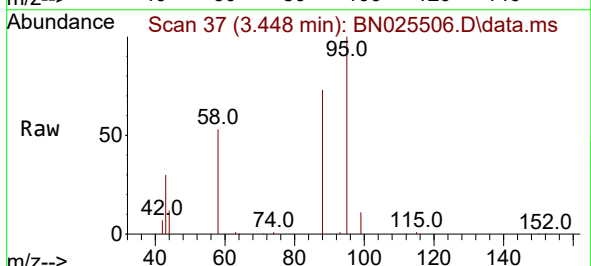
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230516



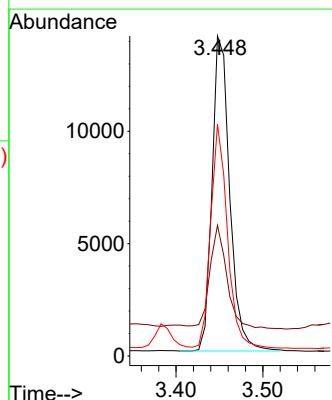
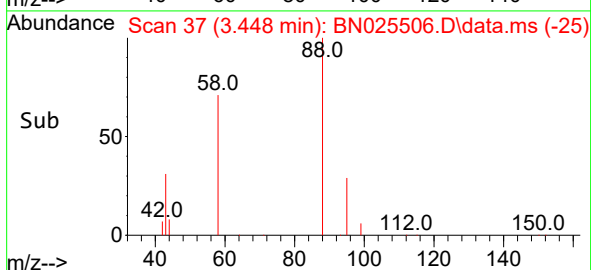
Tgt Ion:152 Resp: 4435
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.3 187.9
 115 61.8 50.2 75.2

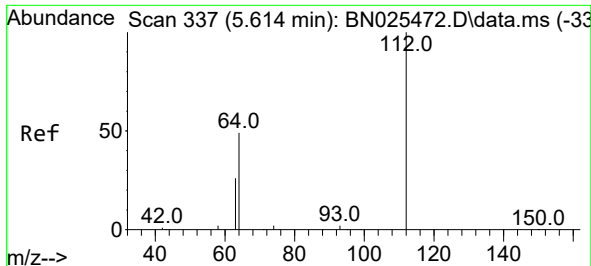


#2
 1,4-Dioxane
 Concen: 4.399 ng
 RT: 3.448 min Scan# 37
 Delta R.T. -0.014 min
 Lab File: BN025506.D
 Acq: 20 May 2023 02:51



Tgt Ion: 88 Resp: 19906
 Ion Ratio Lower Upper
 88 100
 43 31.3 23.8 35.6
 58 67.2 55.1 82.7

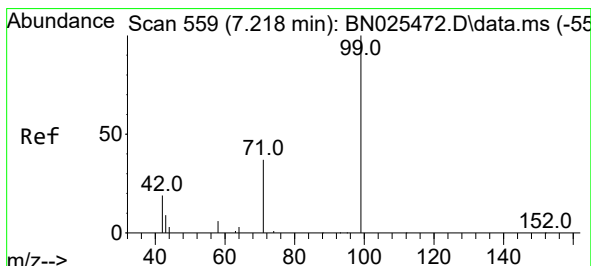
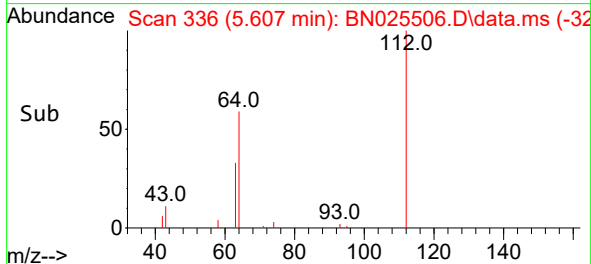
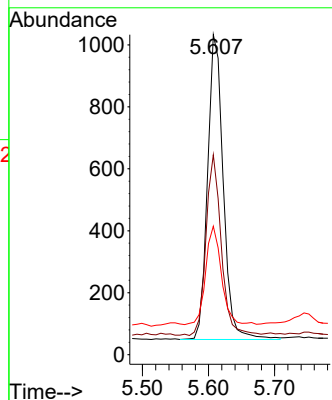
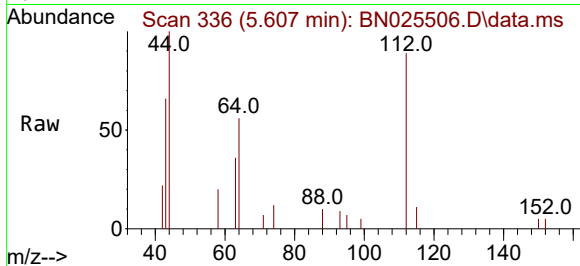




#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.607 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN025506.D
Acq: 20 May 2023 02:51

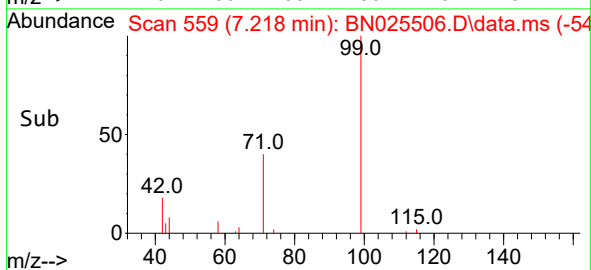
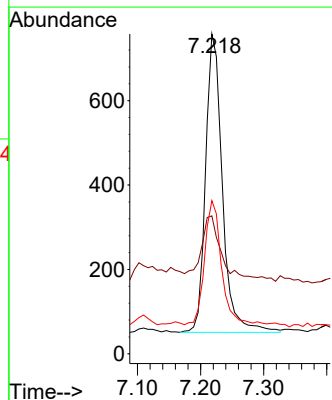
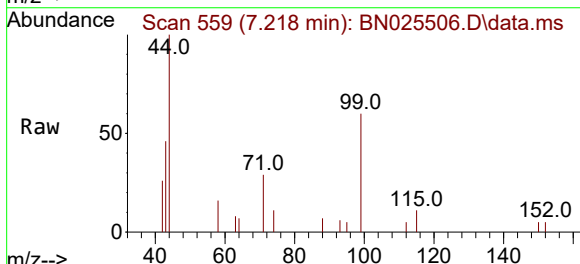
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230516

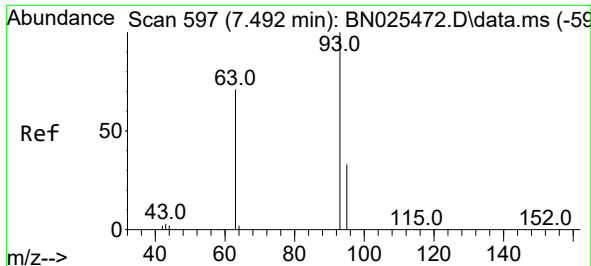
Tgt Ion:112 Resp: 1618
Ion Ratio Lower Upper
112 100
64 57.2 44.0 66.0
63 32.3 24.0 36.0



#5
Phenol-d6
Concen: 0.102 ng
RT: 7.218 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN025506.D
Acq: 20 May 2023 02:51

Tgt Ion: 99 Resp: 1309
Ion Ratio Lower Upper
99 100
42 27.7 15.8 23.8#
71 41.8 28.6 43.0

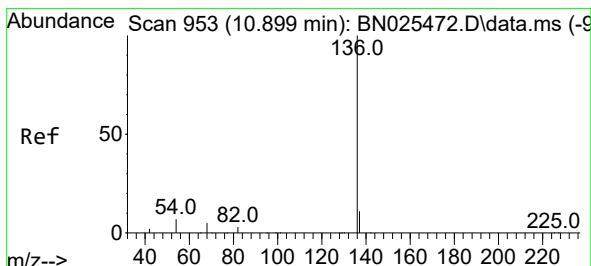
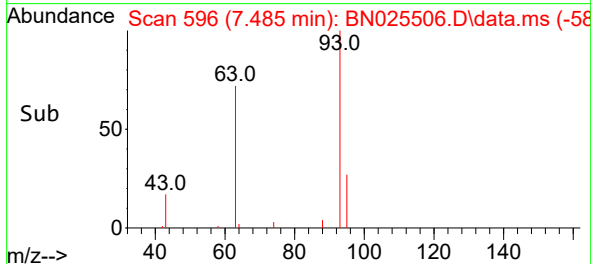
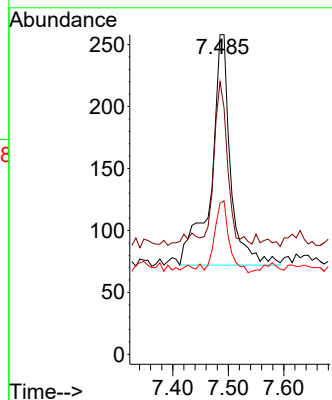
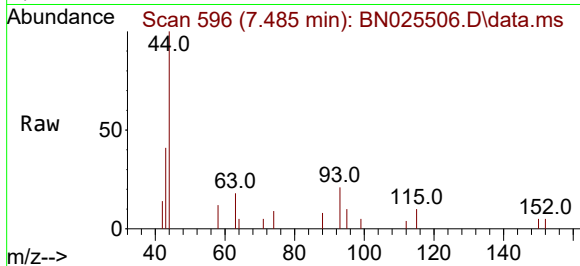




#6
 bis(2-Chloroethyl)ether
 Concen: 0.037 ng
 RT: 7.485 min Scan# 597
 Delta R.T. -0.007 min
 Lab File: BN025506.D
 Acq: 20 May 2023 02:51

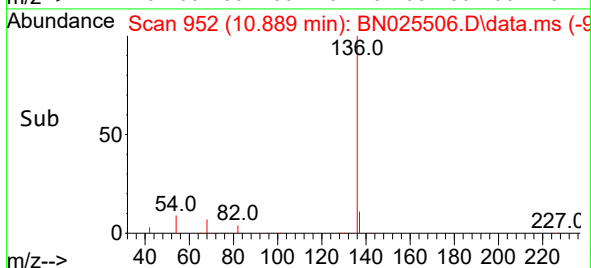
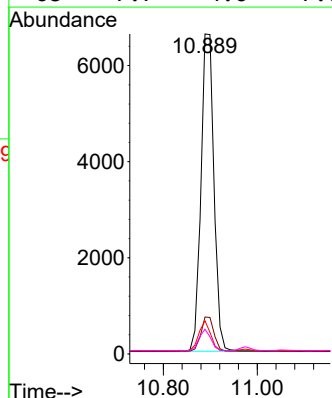
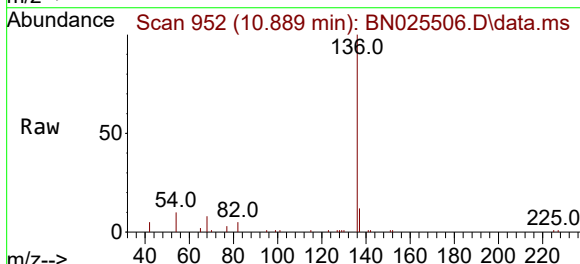
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230516

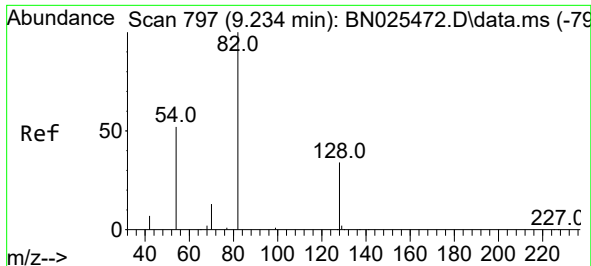
Tgt Ion: 93 Resp: 458
 Ion Ratio Lower Upper
 93 100
 63 47.8 55.8 83.6#
 95 22.3 25.7 38.5#



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.889 min Scan# 952
 Delta R.T. -0.010 min
 Lab File: BN025506.D
 Acq: 20 May 2023 02:51

Tgt Ion: 136 Resp: 12688
 Ion Ratio Lower Upper
 136 100
 137 11.6 9.1 13.7
 54 10.3 5.8 8.6#
 68 7.7 4.6 7.0#

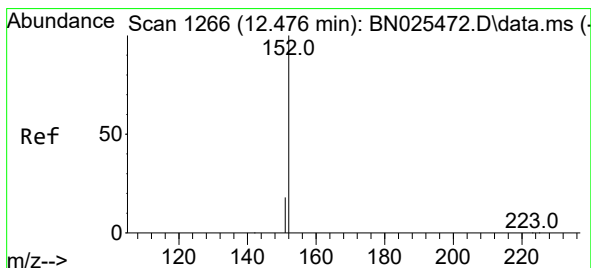
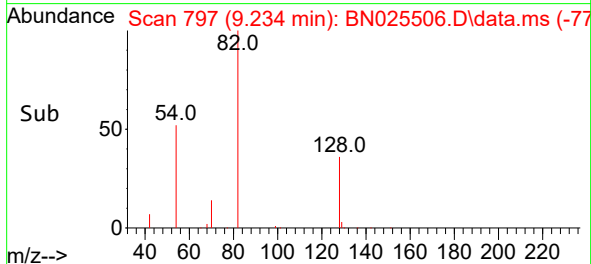
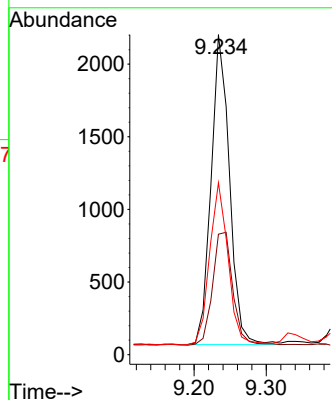
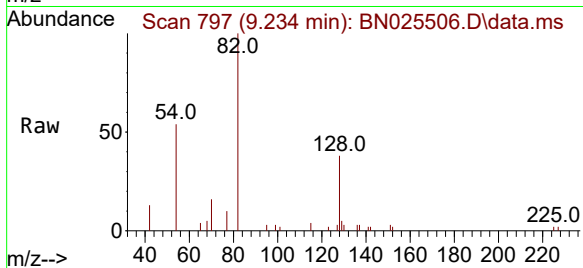




#8
 Nitrobenzene-d5
 Concen: 0.373 ng
 RT: 9.234 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BN025506.D
 Acq: 20 May 2023 02:51

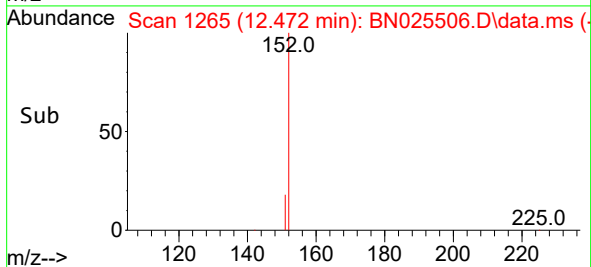
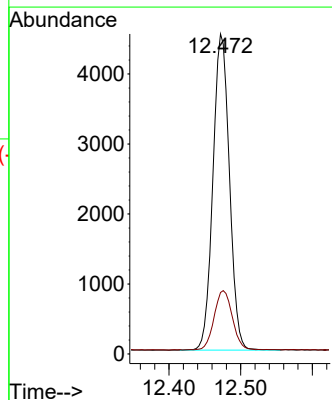
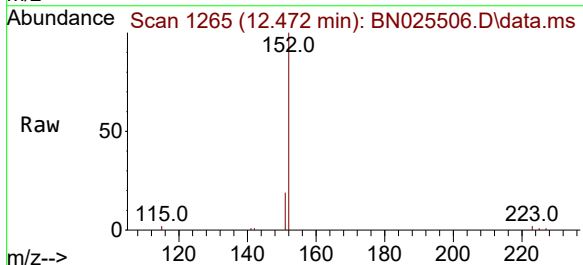
Instrument :
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 ClientSampleId :
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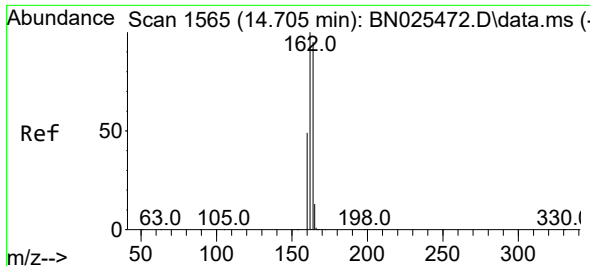
Tgt Ion:	82	Resp:	3776
Ion	Ratio	Lower	Upper
82	100		
128	37.7	27.9	41.9
54	53.7	42.4	63.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.409 ng
 RT: 12.472 min Scan# 1265
 Delta R.T. -0.004 min
 Lab File: BN025506.D
 Acq: 20 May 2023 02:51

Tgt Ion:	152	Resp:	7223
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	24.8

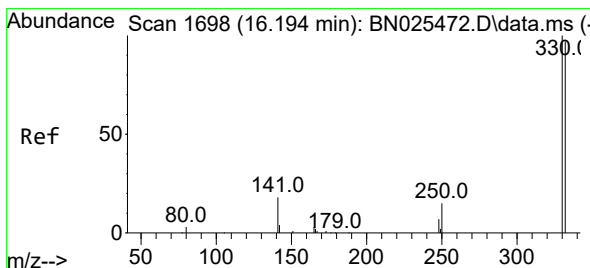
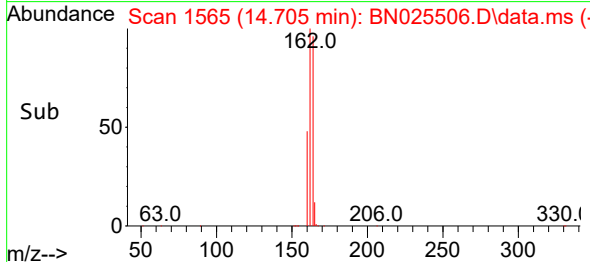
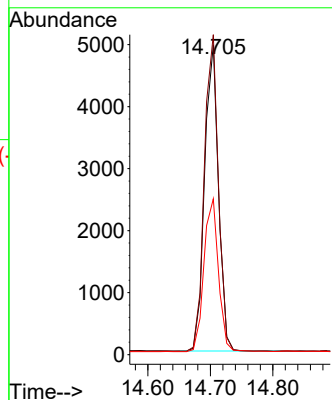
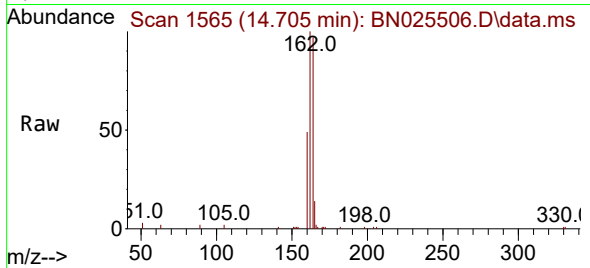




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN025506.D
Acq: 20 May 2023 02:51

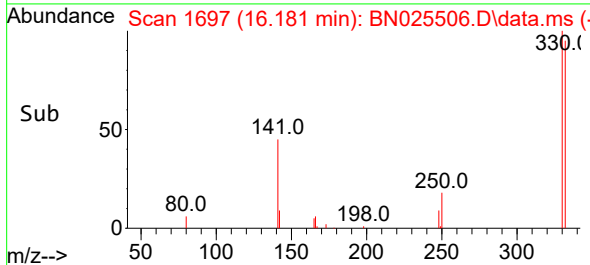
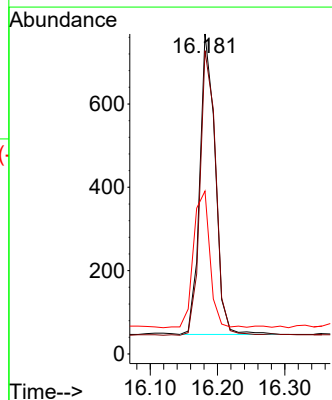
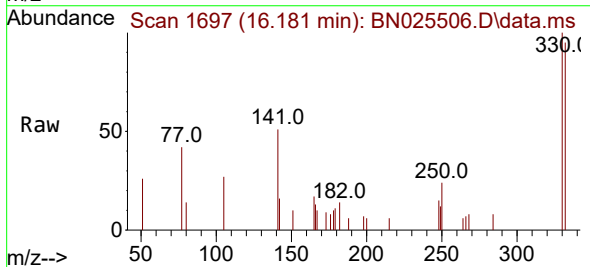
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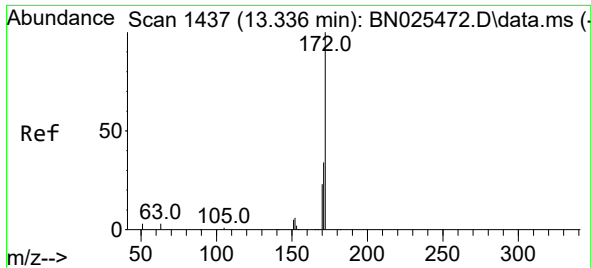
Tgt Ion:164 Resp: 7591
Ion Ratio Lower Upper
164 100
162 103.2 84.2 126.2
160 50.3 41.4 62.2



#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.013 min
Lab File: BN025506.D
Acq: 20 May 2023 02:51

Tgt Ion:330 Resp: 1152
Ion Ratio Lower Upper
330 100
332 96.5 76.1 114.1
141 48.4 36.1 54.1

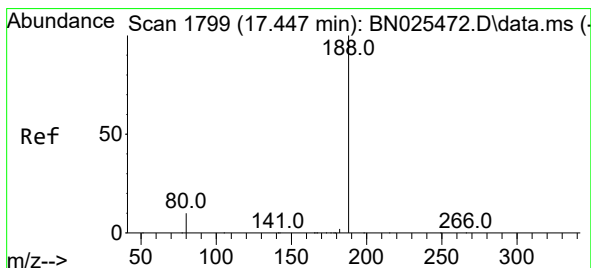
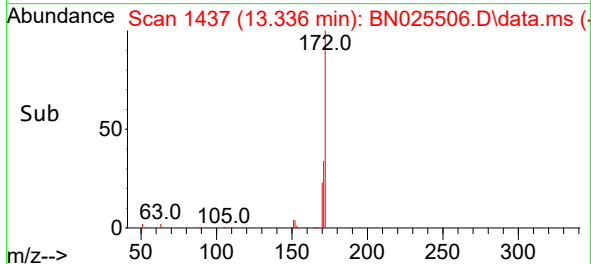
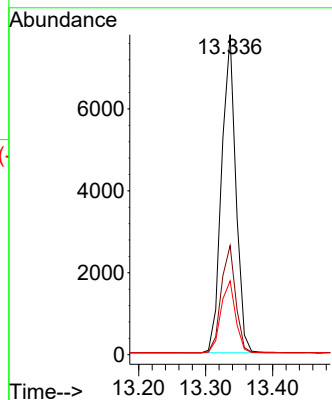
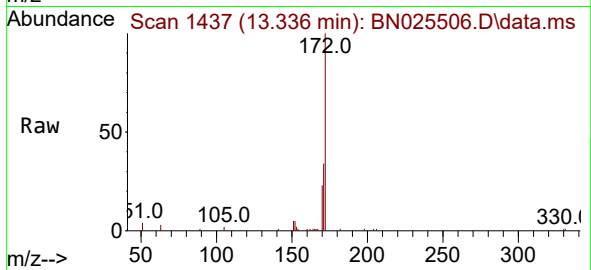




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.336 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN025506.D
Acq: 20 May 2023 02:51

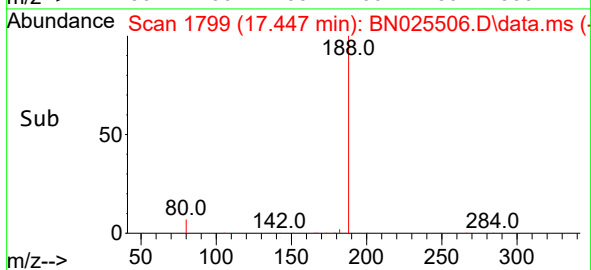
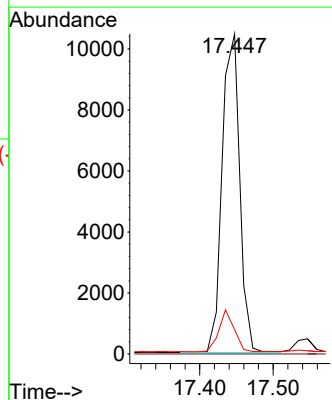
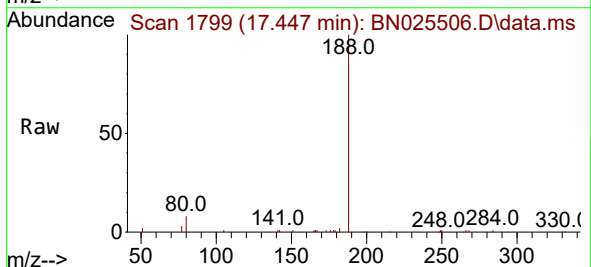
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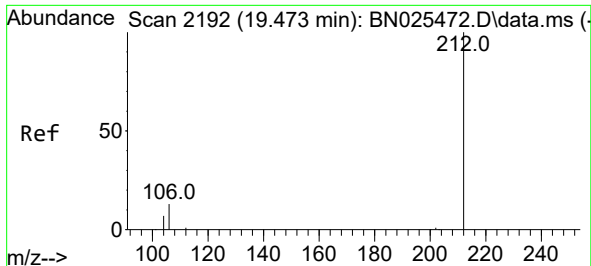
Tgt Ion:	172	Resp:	11502
Ion Ratio	Lower	Upper	
172	100		
171	34.1	27.6	41.4
170	23.1	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.447 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BN025506.D
Acq: 20 May 2023 02:51

Tgt Ion:	188	Resp:	17363
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.6	8.2	12.4

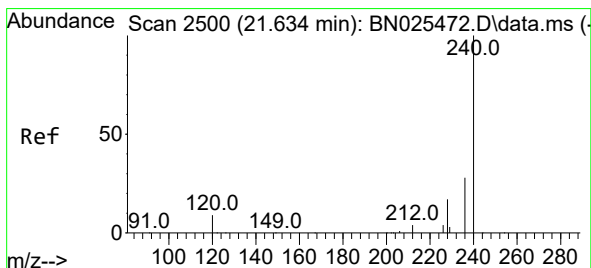
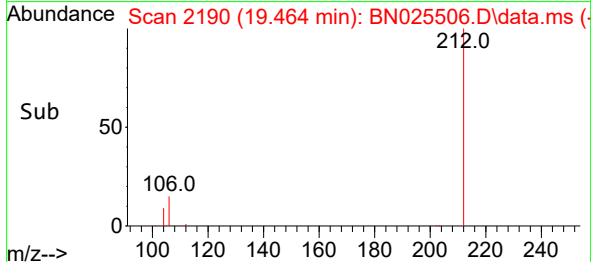
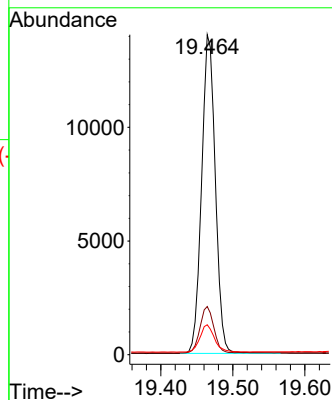
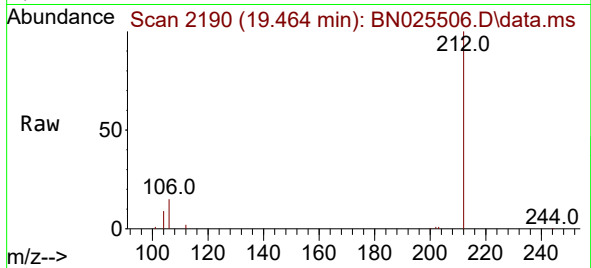




#27
Fluoranthene-d10
Concen: 0.462 ng
RT: 19.464 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BN025506.D
Acq: 20 May 2023 02:51

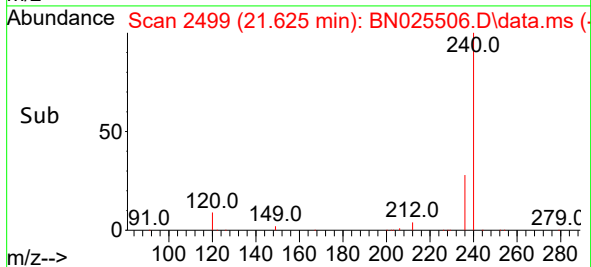
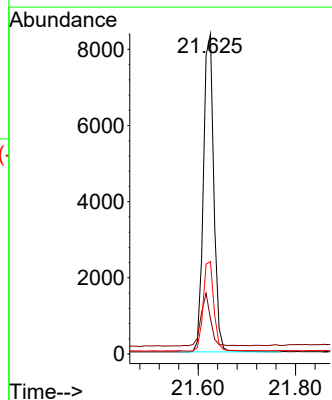
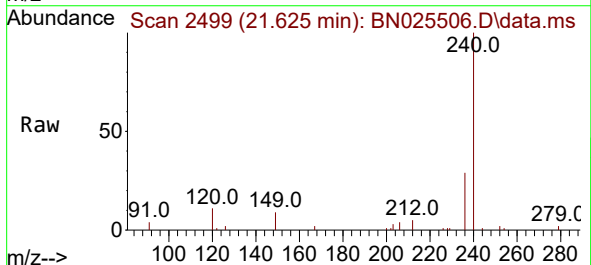
Instrument :
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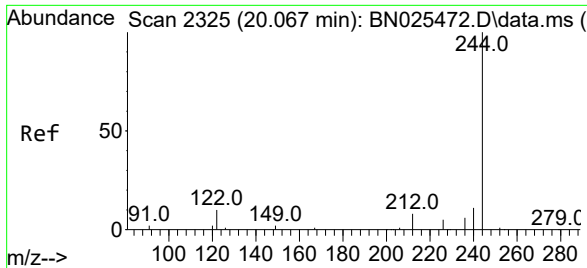
Tgt Ion:212 Resp: 18536
Ion Ratio Lower Upper
212 100
106 14.8 11.4 17.2
104 9.0 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2499
Delta R.T. -0.009 min
Lab File: BN025506.D
Acq: 20 May 2023 02:51

Tgt Ion:240 Resp: 12415
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 28.9 22.7 34.1





#31

Terphenyl-d14

Concen: 0.566 ng

RT: 20.058 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN025506.D

Acq: 20 May 2023 02:51

Instrument :

BNA_N

ClientSampleId :

RE122D2-20230516

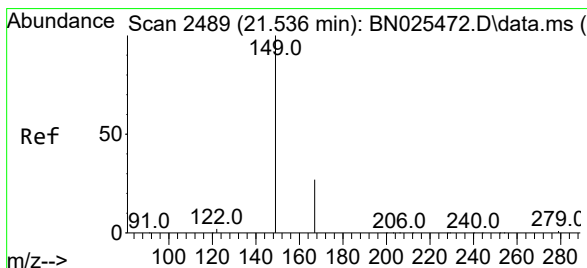
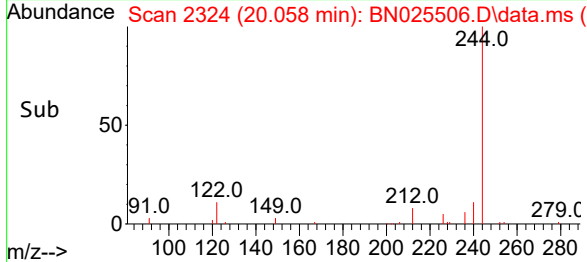
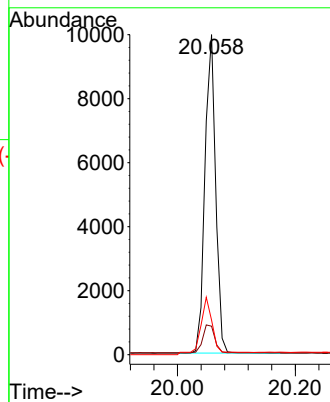
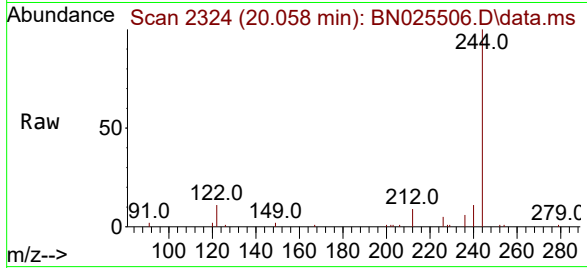
Tgt Ion:244 Resp: 12487

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

122 10.8 8.1 12.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.107 ng

RT: 21.527 min Scan# 2488

Delta R.T. -0.009 min

Lab File: BN025506.D

Acq: 20 May 2023 02:51

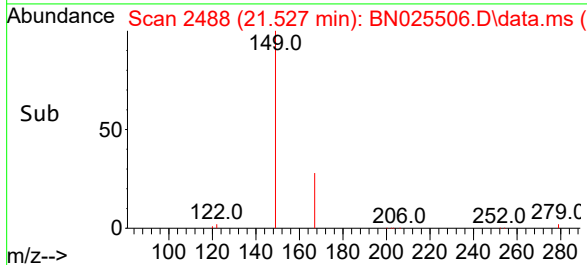
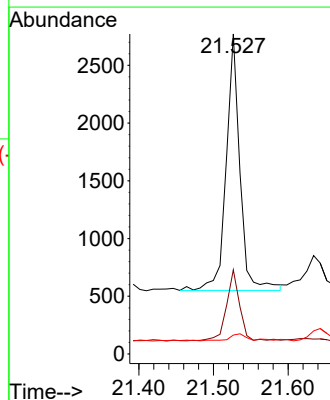
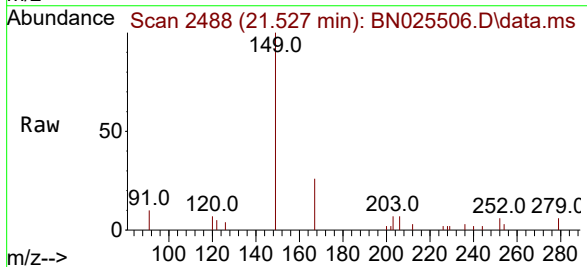
Tgt Ion:149 Resp: 2842

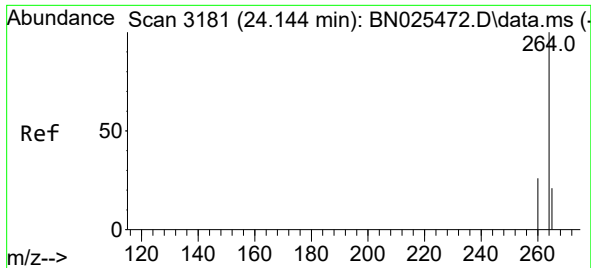
Ion Ratio Lower Upper

149 100

167 25.7 22.0 33.0

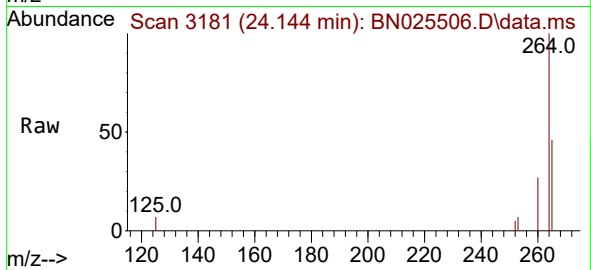
279 3.8 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.144 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN025506.D
 Acq: 20 May 2023 02:51

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230516



Tgt Ion:264 Resp: 11345
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.2 31.8
 265 46.4 27.1 40.7#

