

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
 Data File : BN033699.D
 Acq On : 30 Aug 2024 10:18
 Operator : MA/JU
 Sample : P3784-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240828

Quant Time: Aug 30 10:59:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 23:33:13 2024
 Response via : Initial Calibration

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

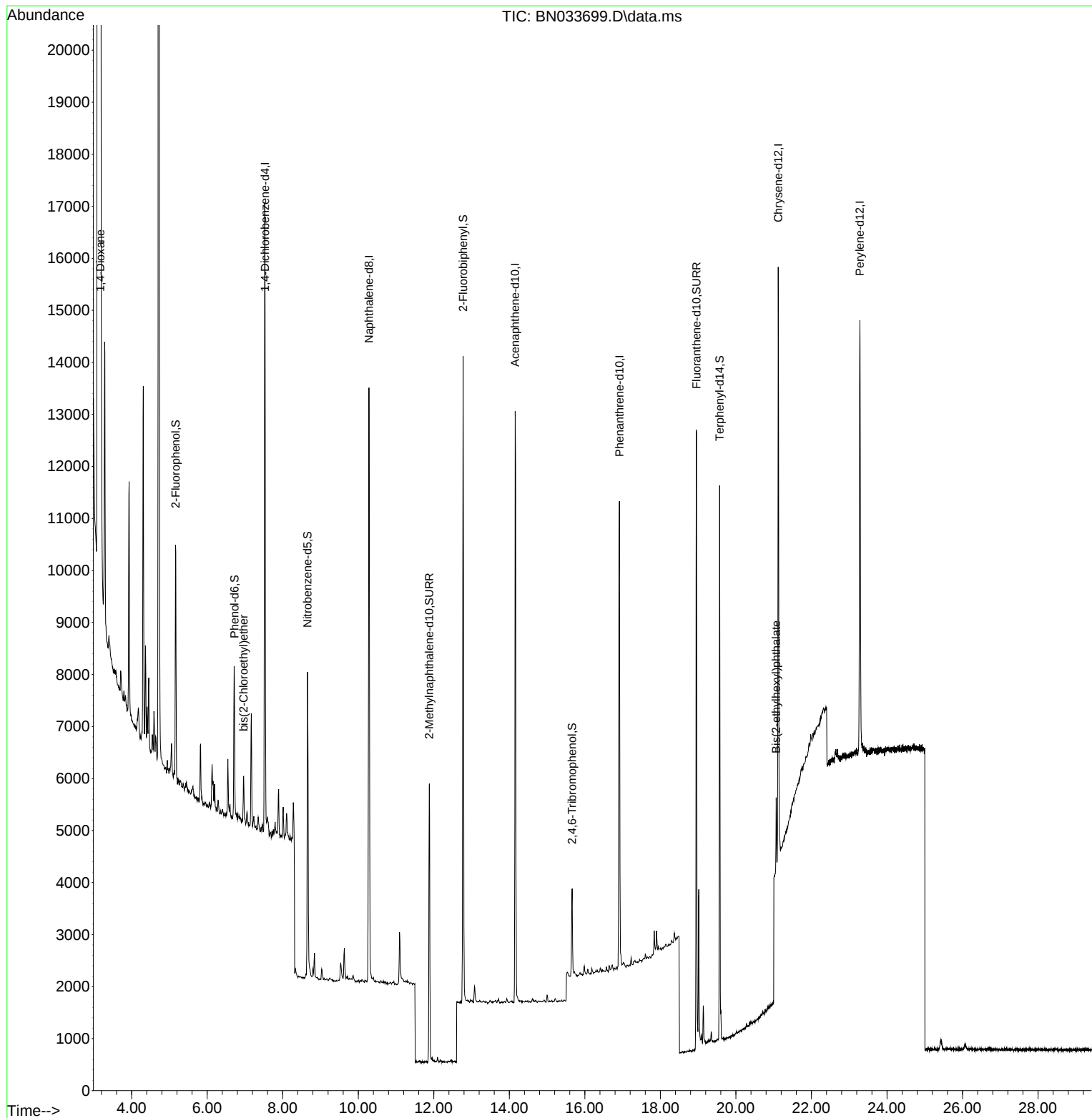
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	5863	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	14982	0.400	ng	#-0.01
13) Acenaphthene-d10	14.157	164	6859	0.400	ng	-0.01
19) Phenanthrene-d10	16.917	188	13115	0.400	ng	0.00
29) Chrysene-d12	21.121	240	10220	0.400	ng	0.00
35) Perylene-d12	23.282	264	10666	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	3478	0.197	ng	0.00
5) Phenol-d6	6.722	99	2504	0.120	ng	0.00
8) Nitrobenzene-d5	8.659	82	4466	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	11.884	152	7424	0.351	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1027	0.312	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	10314	0.357	ng	0.00
27) Fluoranthene-d10	18.956	212	13463	0.416	ng	0.00
31) Terphenyl-d14	19.570	244	9931	0.459	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.176	88	38732	5.685	ng	99
6) bis(2-Chloroethyl)ether	6.967	93	643	0.040	ng	98
34) Bis(2-ethylhexyl)phtha...	21.068	149	6387	0.313	ng	# 58

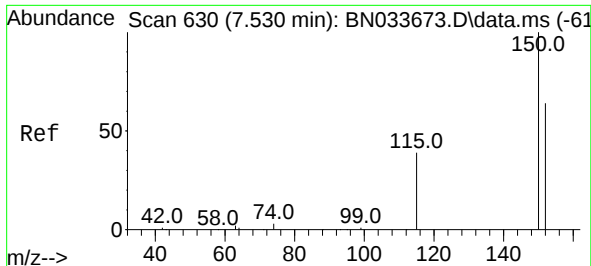
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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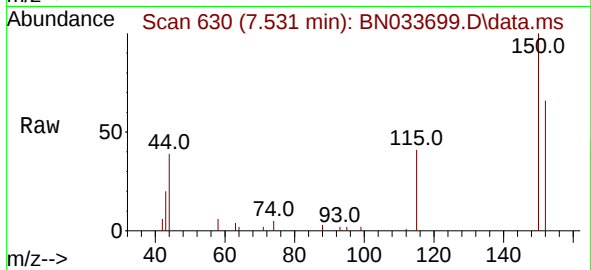
Quant Time: Aug 30 10:59:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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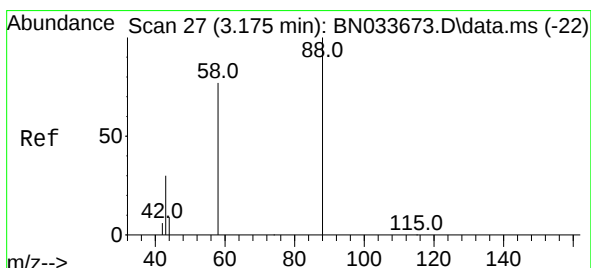
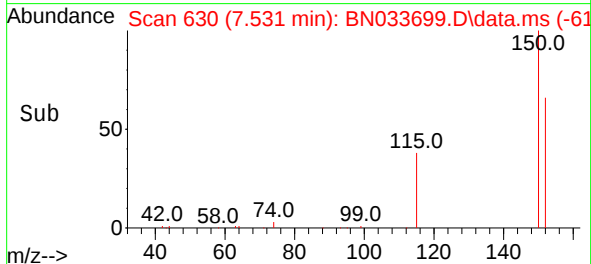
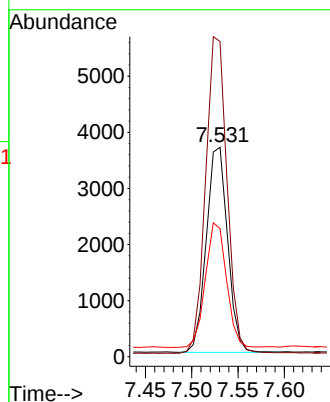


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.531 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240828

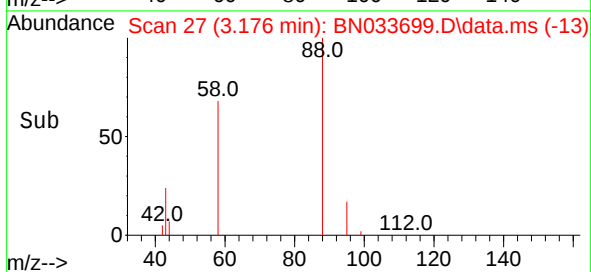
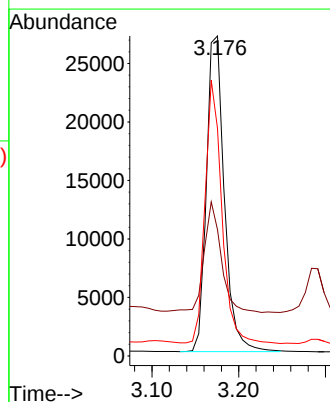
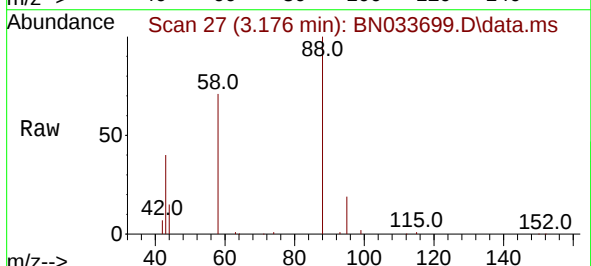


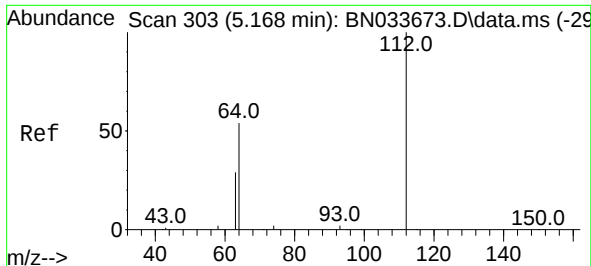
Tgt Ion:152 Resp: 5863
Ion Ratio Lower Upper
152 100
150 150.5 123.4 185.0
115 61.1 51.3 76.9



#2
1,4-Dioxane
Concen: 5.685 ng
RT: 3.176 min Scan# 27
Delta R.T. 0.001 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

Tgt Ion: 88 Resp: 38732
Ion Ratio Lower Upper
88 100
43 33.3 26.8 40.2
58 78.3 63.4 95.0





#4

2-Fluorophenol

Concen: 0.197 ng

RT: 5.169 min Scan# 303

Delta R.T. 0.000 min

Lab File: BN033699.D

Acq: 30 Aug 2024 10:18

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240828

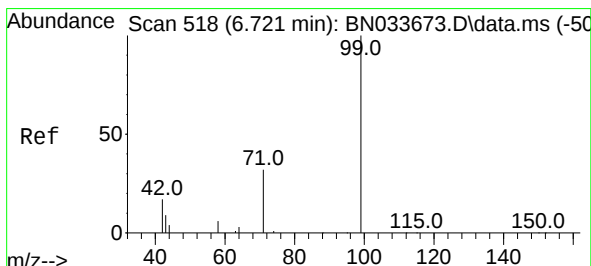
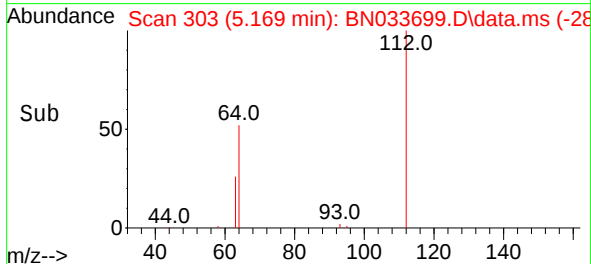
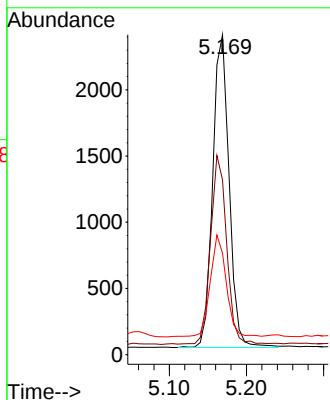
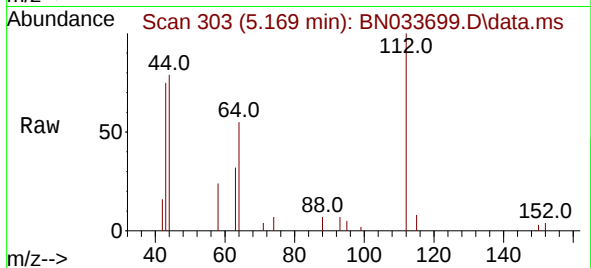
Tgt Ion:112 Resp: 3478

Ion Ratio Lower Upper

112 100

64 59.3 48.6 72.8

63 31.9 26.6 39.8



#5

Phenol-d6

Concen: 0.120 ng

RT: 6.722 min Scan# 518

Delta R.T. 0.000 min

Lab File: BN033699.D

Acq: 30 Aug 2024 10:18

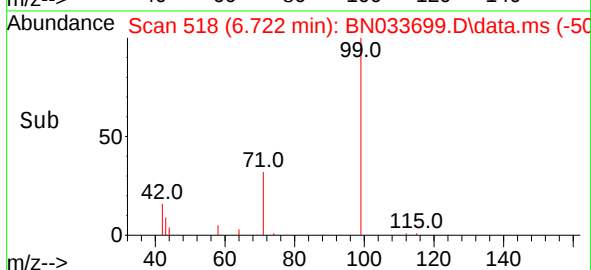
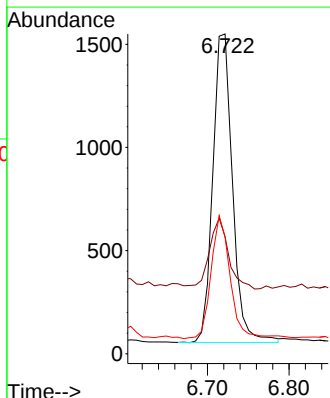
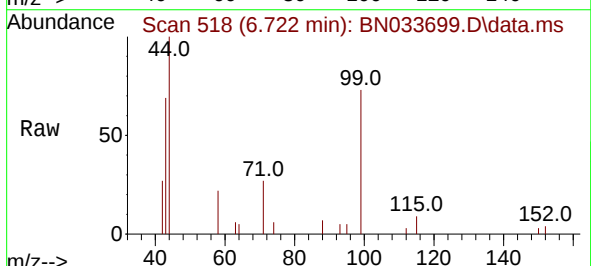
Tgt Ion: 99 Resp: 2504

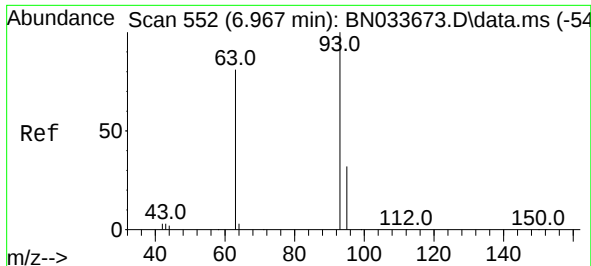
Ion Ratio Lower Upper

99 100

42 22.1 17.8 26.8

71 38.8 28.0 42.0

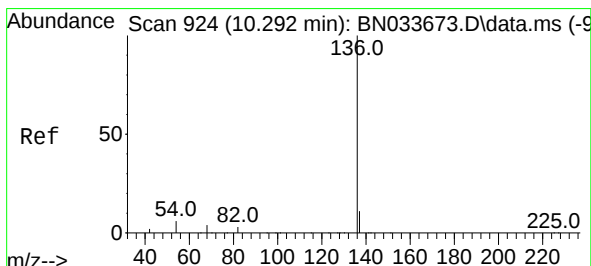
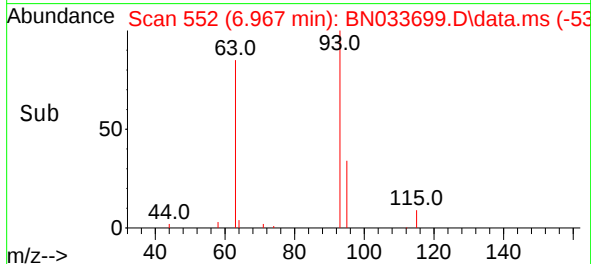
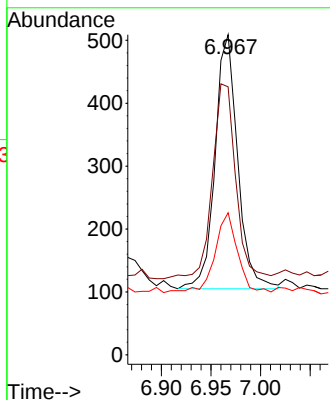
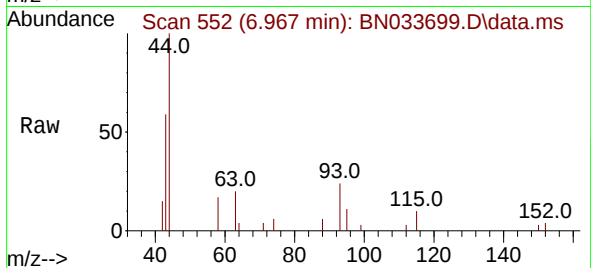




#6
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 6.967 min Scan# 552
Delta R.T. 0.001 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

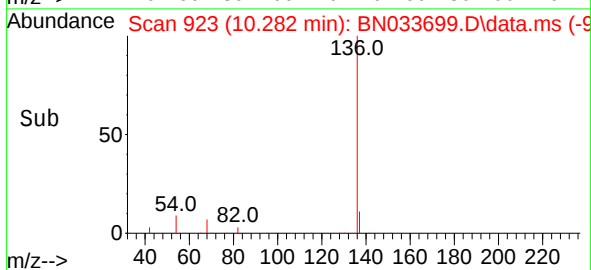
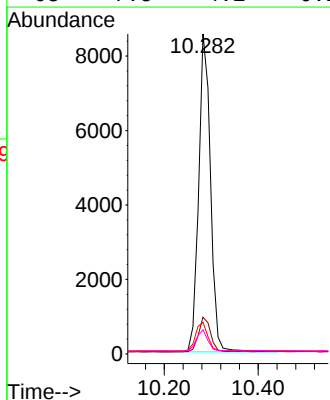
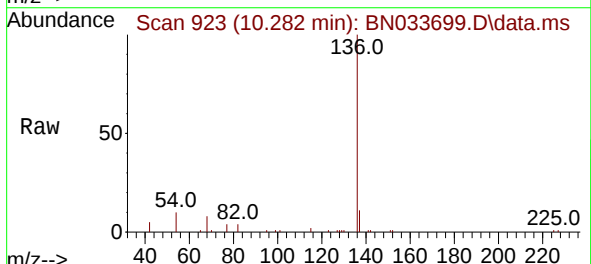
Instrument :
BNA_N
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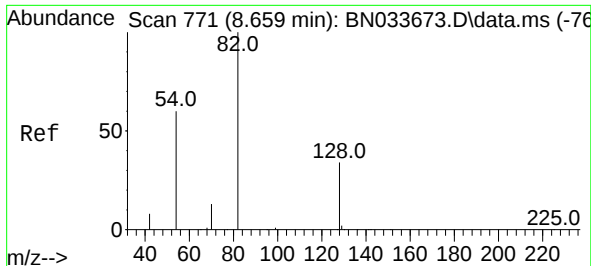
Tgt Ion: 93 Resp: 643
Ion Ratio Lower Upper
93 100
63 78.8 63.9 95.9
95 30.0 26.4 39.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 923
Delta R.T. -0.010 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

Tgt Ion:136 Resp: 14982
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.9 5.8 8.6#
68 7.5 4.2 6.2#

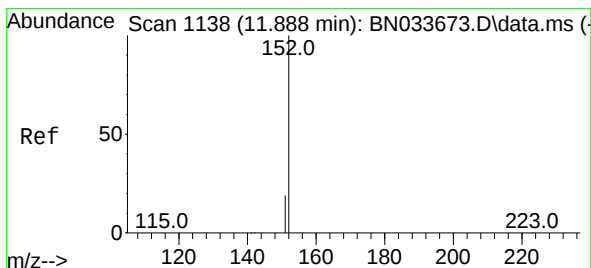
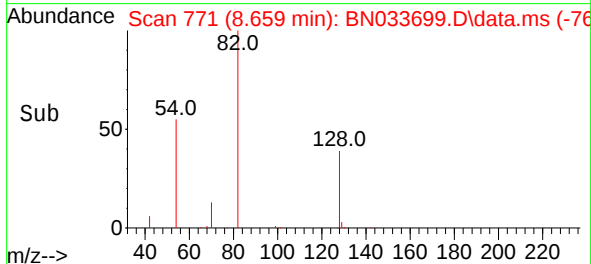
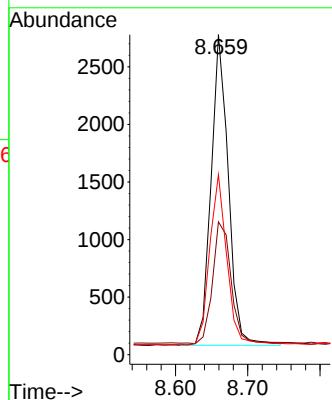
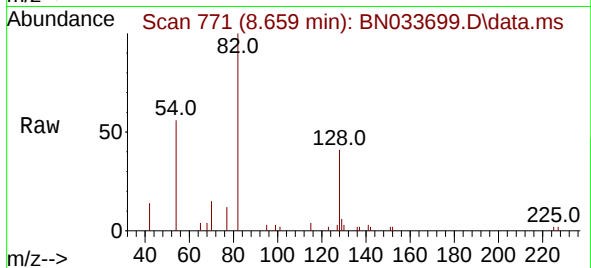




#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.001 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

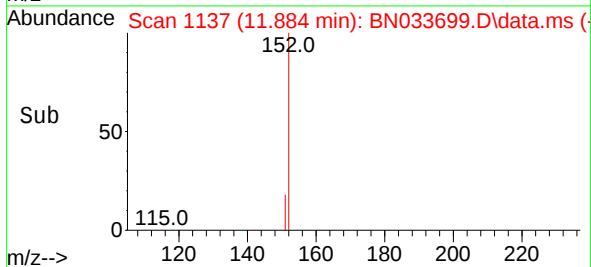
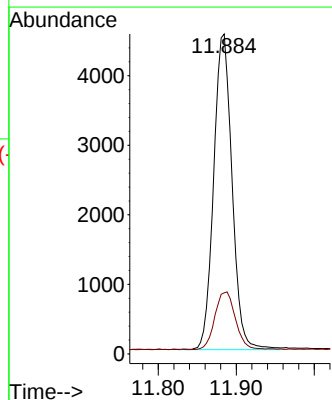
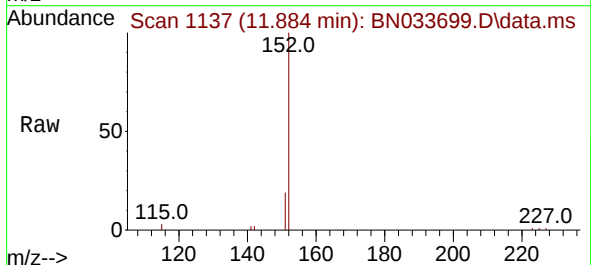
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240828

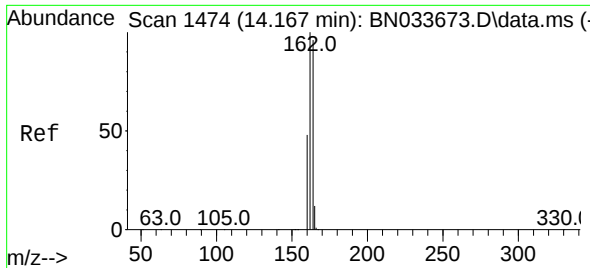
Tgt Ion: 82 Resp: 4466
Ion Ratio Lower Upper
82 100
128 41.5 29.3 43.9
54 56.3 49.4 74.0



#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 11.884 min Scan# 1137
Delta R.T. -0.003 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

Tgt Ion: 152 Resp: 7424
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

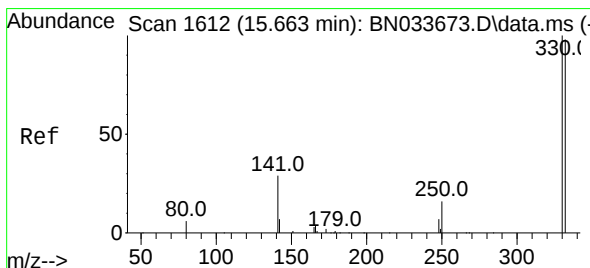
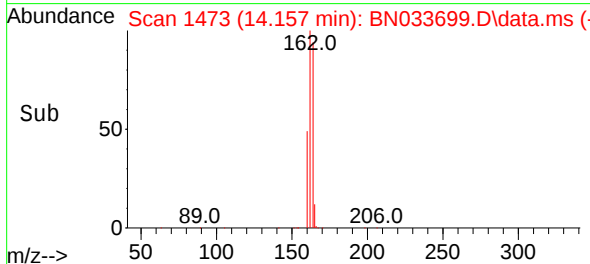
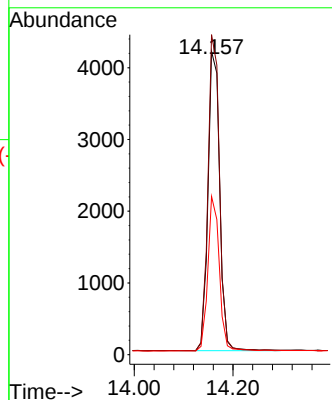
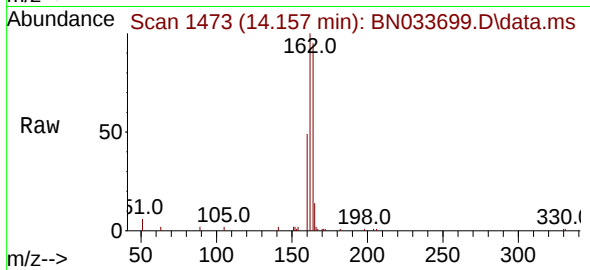




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.157 min Scan# 1473
Delta R.T. -0.010 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

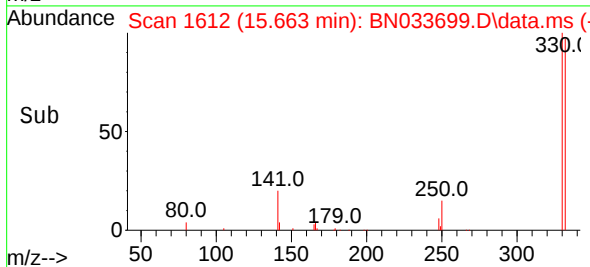
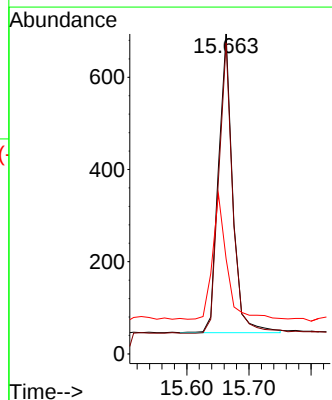
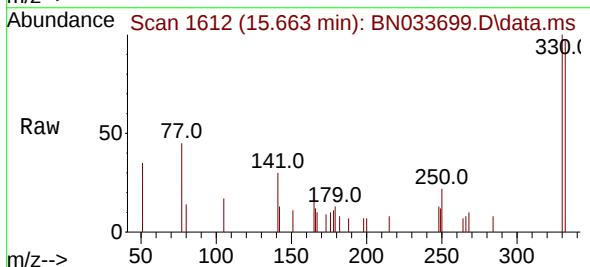
Instrument :
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ClientSampleId :
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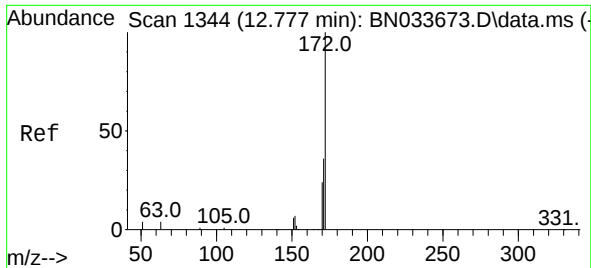
Tgt Ion:164 Resp: 6859
Ion Ratio Lower Upper
164 100
162 105.6 83.4 125.2
160 52.2 40.2 60.2



#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.001 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

Tgt Ion:330 Resp: 1027
Ion Ratio Lower Upper
330 100
332 95.3 78.6 118.0
141 42.2 35.0 52.6

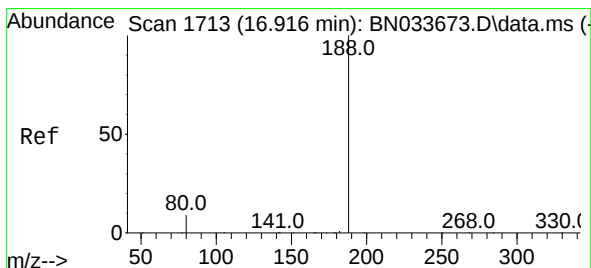
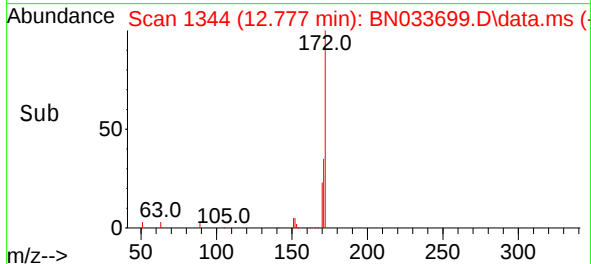
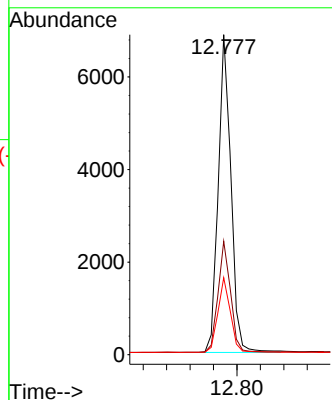
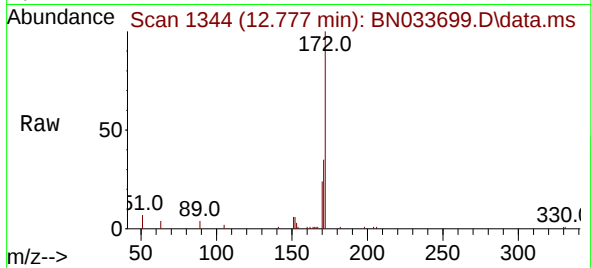




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.777 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

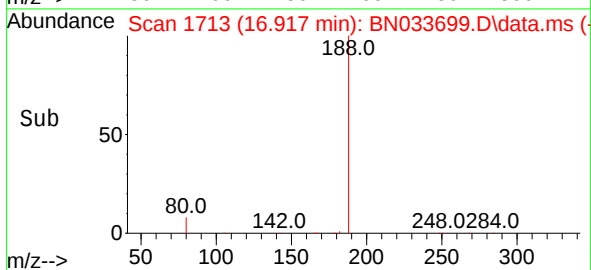
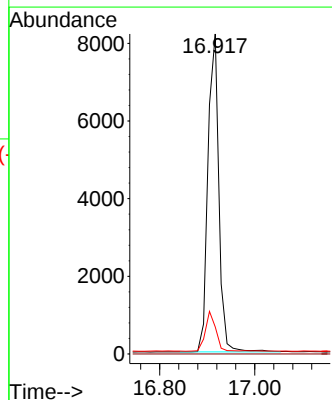
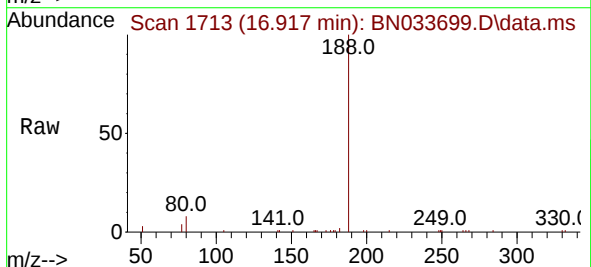
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ClientSampleId :
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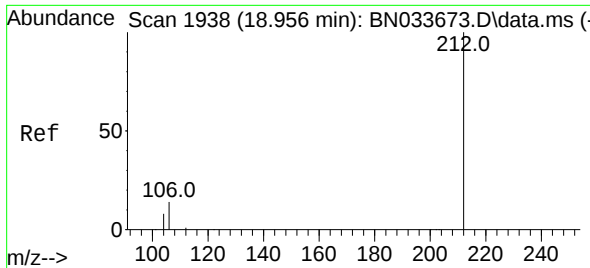
Tgt Ion:	172	Resp:	10314
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.2	43.8
170	24.1	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.917 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

Tgt Ion:	188	Resp:	13115
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.5	7.4	11.0

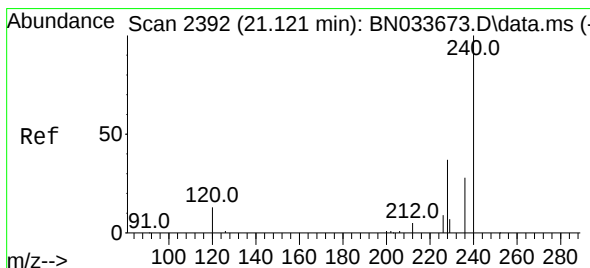
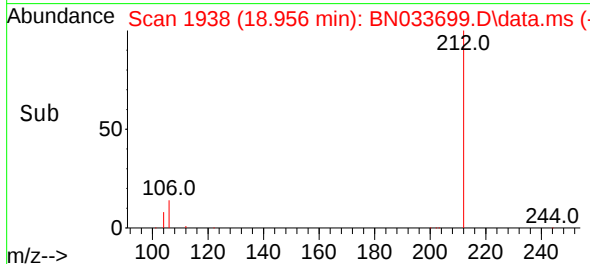
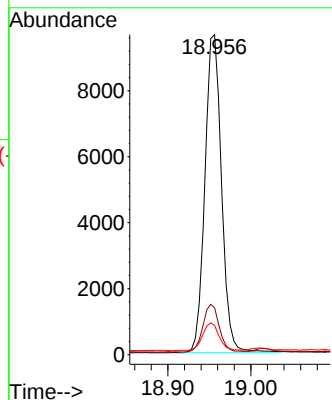
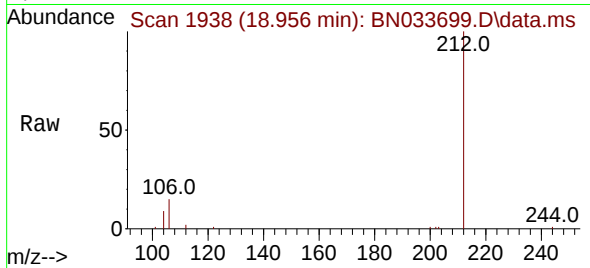




#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 18.956 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

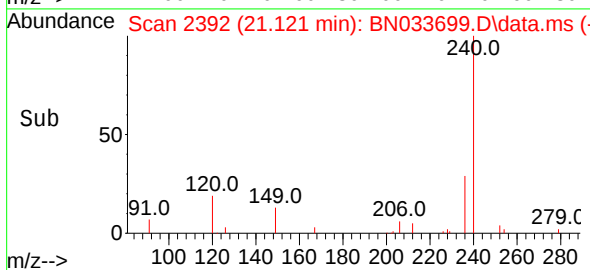
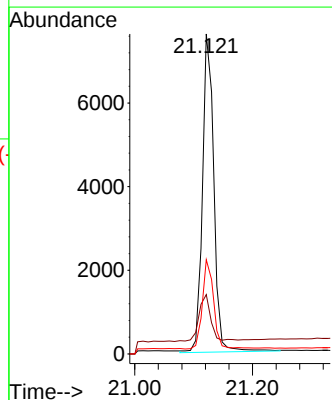
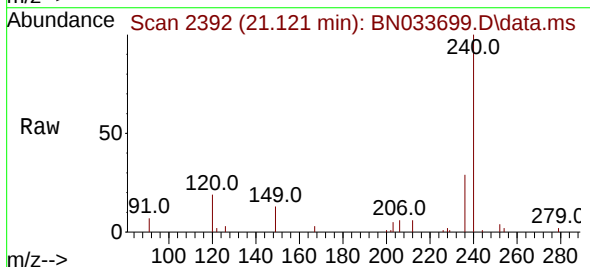
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240828

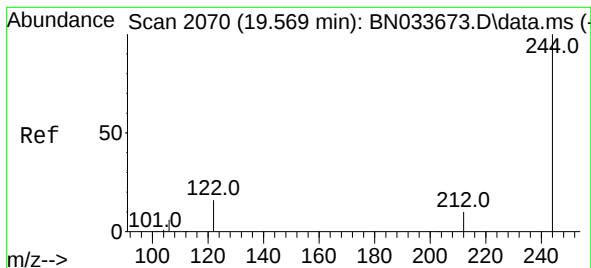
Tgt Ion:212 Resp: 13463
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.6
104 8.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.121 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN033699.D
Acq: 30 Aug 2024 10:18

Tgt Ion:240 Resp: 10220
Ion Ratio Lower Upper
240 100
120 18.5 13.3 19.9
236 29.4 23.4 35.2





#31

Terphenyl-d14

Concen: 0.459 ng

RT: 19.570 min Scan# 2070

Delta R.T. 0.000 min

Lab File: BN033699.D

Acq: 30 Aug 2024 10:18

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240828

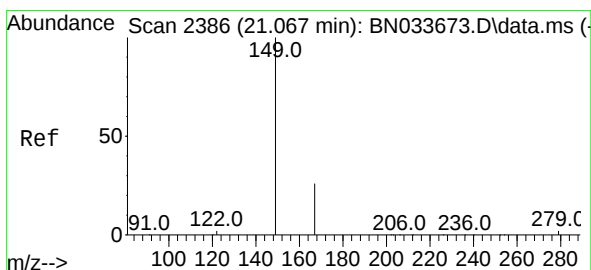
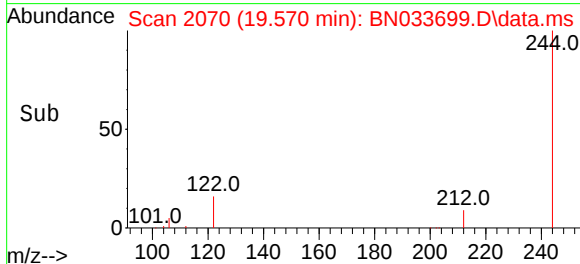
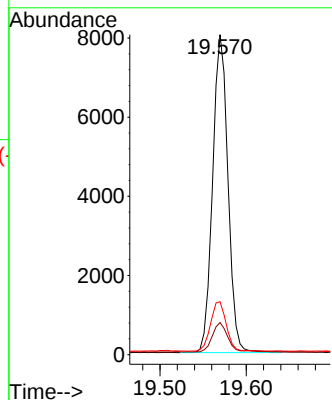
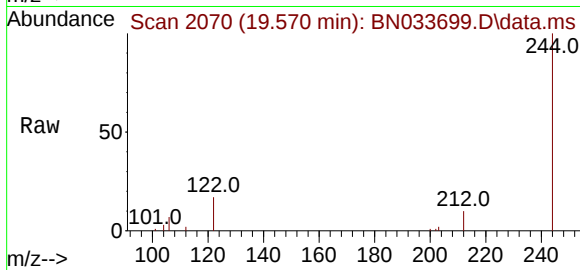
Tgt Ion:244 Resp: 9931

Ion Ratio Lower Upper

244 100

212 10.1 8.2 12.4

122 16.5 13.6 20.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.313 ng

RT: 21.068 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BN033699.D

Acq: 30 Aug 2024 10:18

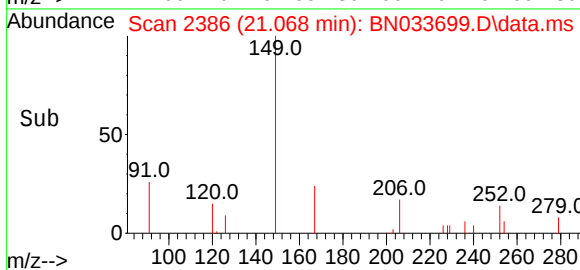
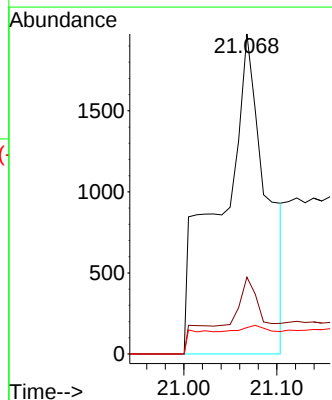
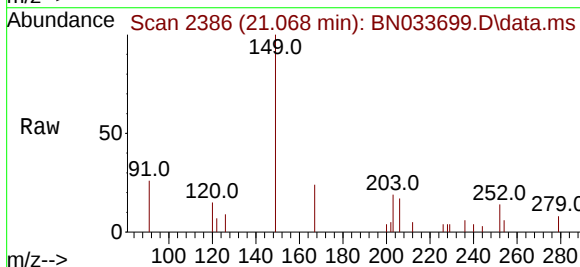
Tgt Ion:149 Resp: 6387

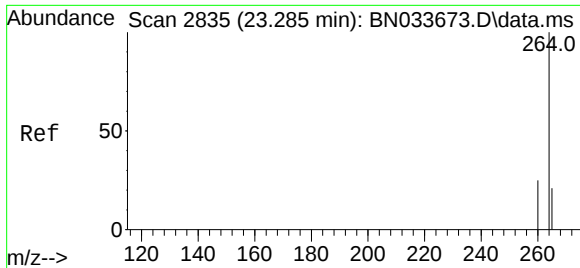
Ion Ratio Lower Upper

149 100

167 8.4 28.3 42.5#

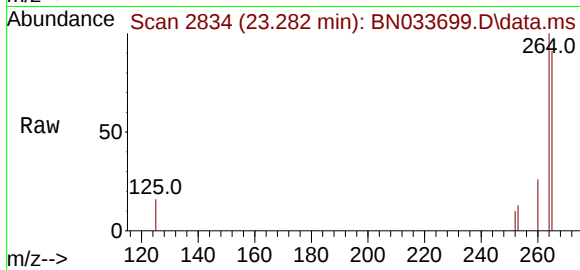
279 0.0 4.2 6.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.282 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BN033699.D
 Acq: 30 Aug 2024 10:18

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240828



Tgt Ion:264 Resp: 10666
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.7 31.1
 265 90.9 69.9 104.9

