

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072924\
 Data File : BN033066.D
 Acq On : 29 Jul 2024 12:40
 Operator : MA/JU
 Sample : P3307-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240717RE

Quant Time: Jul 29 13:09:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 10:37:08 2024
 Response via : Initial Calibration

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

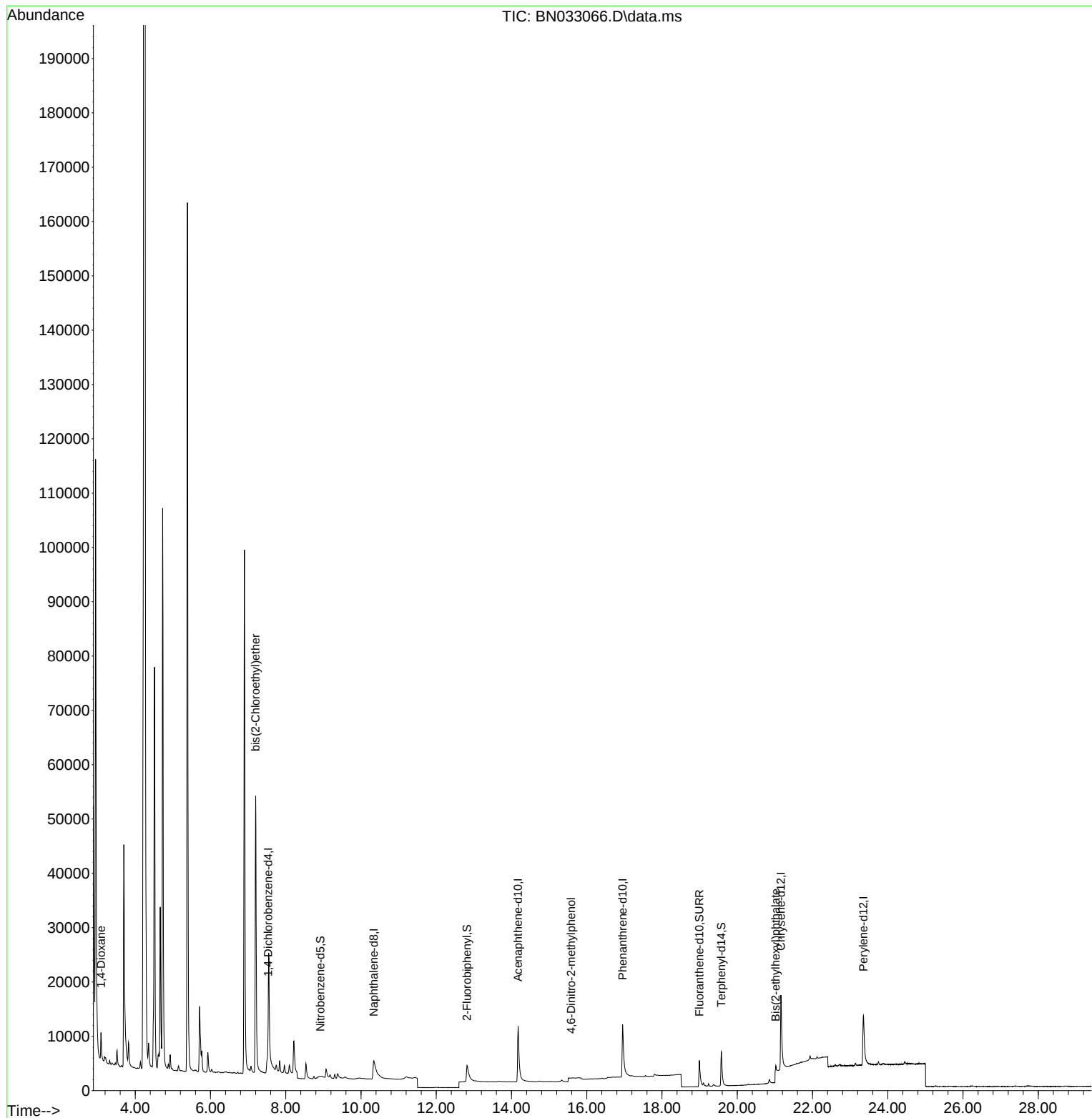
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.532	152	4405	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	15847	0.400	ng	# 0.01
13) Acenaphthene-d10	14.176	164	11289	0.400	ng	0.00
19) Phenanthrene-d10	16.952	188	25863	0.400	ng	0.00
29) Chrysene-d12	21.158	240	22776	0.400	ng	0.00
35) Perylene-d12	23.353	264	19732	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	68	0.006	ng	0.00
5) Phenol-d6	6.903	99	49	0.004	ng	0.00
8) Nitrobenzene-d5	8.920	82	1945	0.163	ng	0.06
11) 2-Methylnaphthalene-d10	11.969	152	225	0.009	ng	0.02
14) 2,4,6-Tribromophenol	15.760	330	77	0.016	ng	0.02
15) 2-Fluorobiphenyl	12.818	172	8339	0.198	ng	0.00
27) Fluoranthene-d10	18.994	212	9872	0.148	ng	0.00
31) Terphenyl-d14	19.575	244	11745	0.252	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.090	88	3552	0.651	ng	# 77
6) bis(2-Chloroethyl)ether	7.199	93	39335	3.401	ng	# 56
20) 4,6-Dinitro-2-methylph...	15.586	198	3	0.294	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.024	149	4903	0.123	ng	# 86

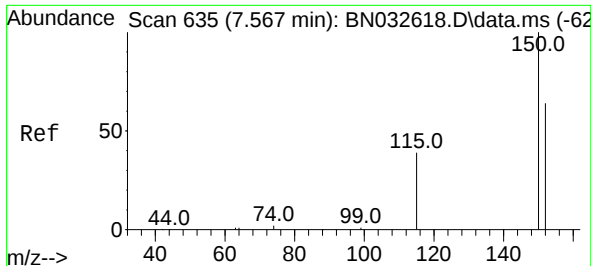
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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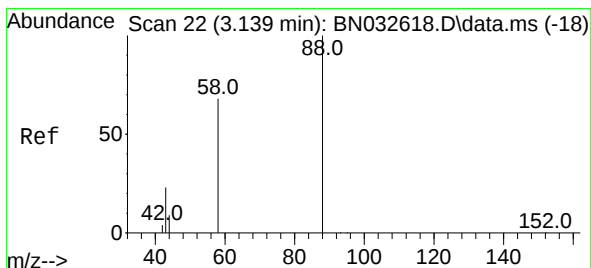
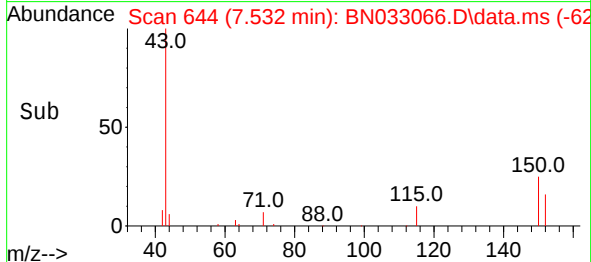
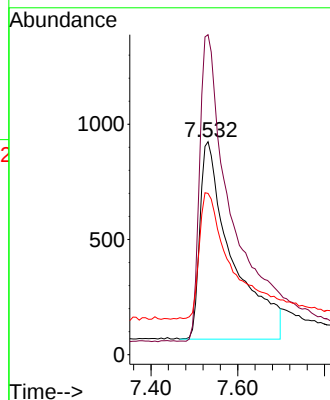
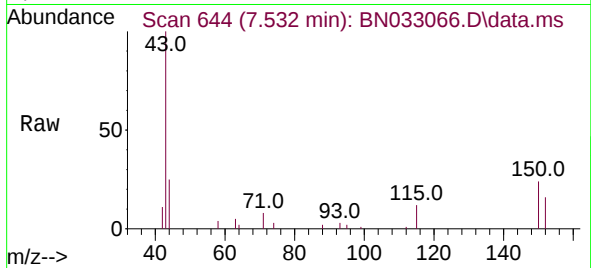




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.532 min Scan# 64
Delta R.T. 0.008 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

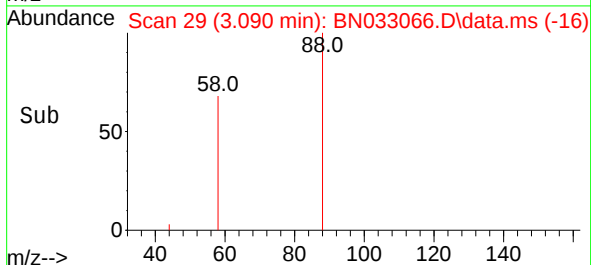
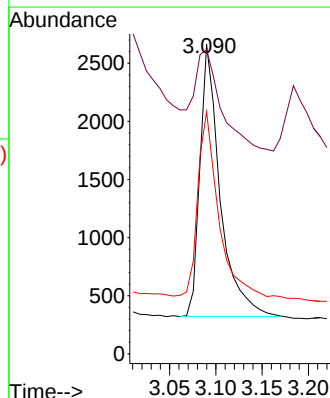
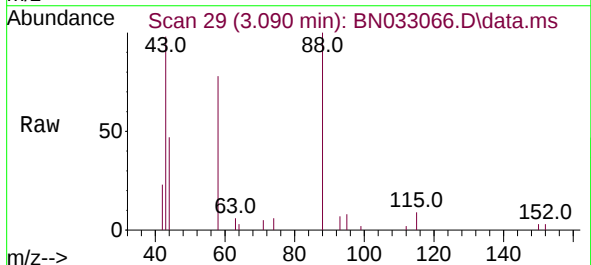
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717RE

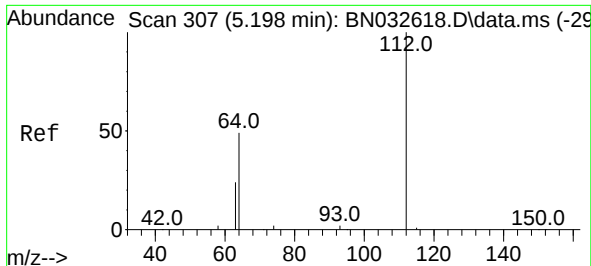
Tgt Ion:152 Resp: 4405
Ion Ratio Lower Upper
152 100
150 150.3 123.8 185.6
115 75.8 52.8 79.2



#2
1,4-Dioxane
Concen: 0.651 ng
RT: 3.090 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion: 88 Resp: 3552
Ion Ratio Lower Upper
88 100
43 52.6 18.4 27.6#
58 68.5 49.2 73.8





#4

2-Fluorophenol

Concen: 0.006 ng

RT: 5.235 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN033066.D

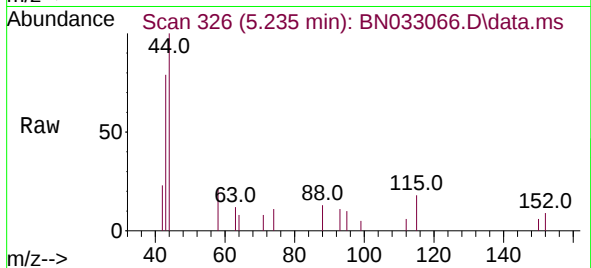
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Instrument :

BNA_N

ClientSampleId :

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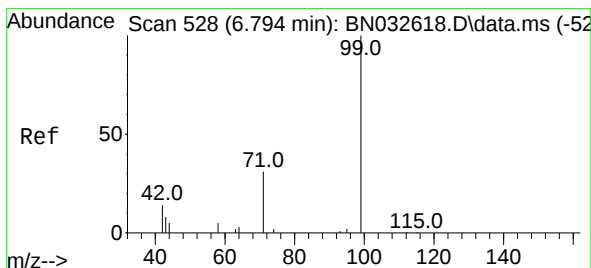
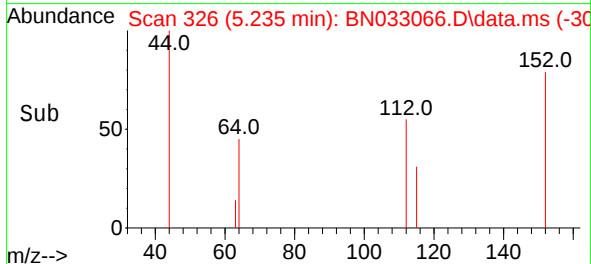
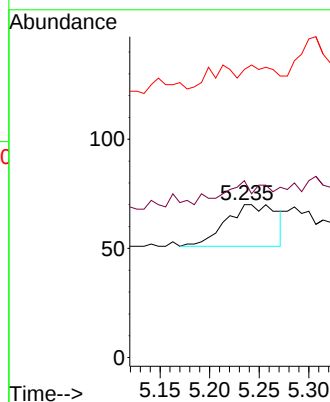
Tgt Ion:112 Resp: 68

Ion Ratio Lower Upper

112 100

64 29.4 40.2 60.4#

63 0.0 22.2 33.4#



#5

Phenol-d6

Concen: 0.004 ng

RT: 6.903 min Scan# 557

Delta R.T. 0.000 min

Lab File: BN033066.D

Acq: 29 Jul 2024 12:40

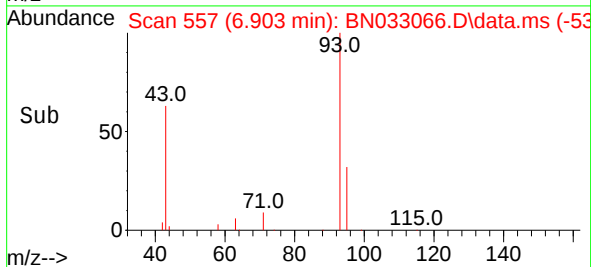
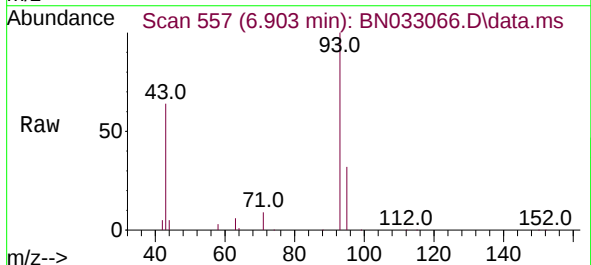
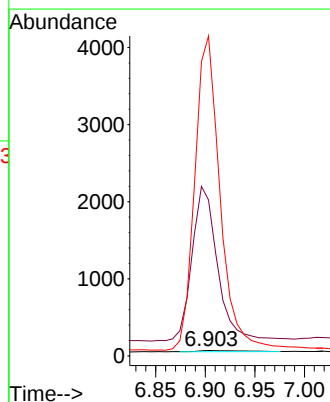
Tgt Ion: 99 Resp: 49

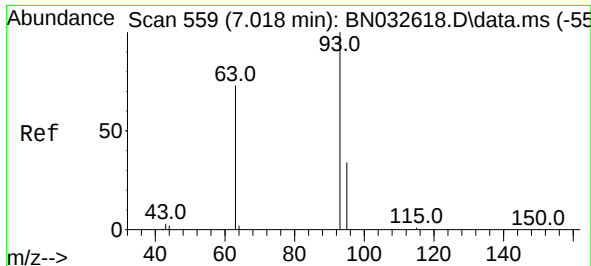
Ion Ratio Lower Upper

99 100

42 7412.2 10.5 15.7#

71 14973.5 22.3 33.5#

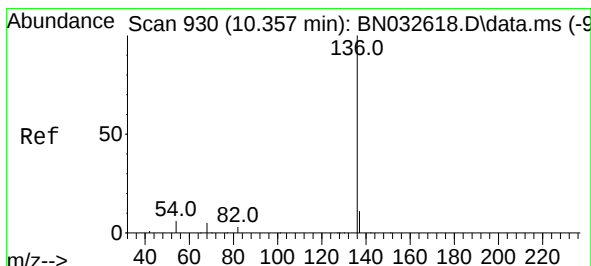
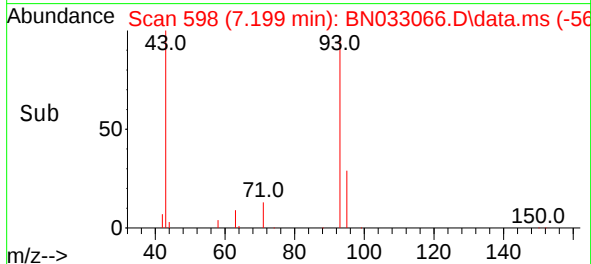
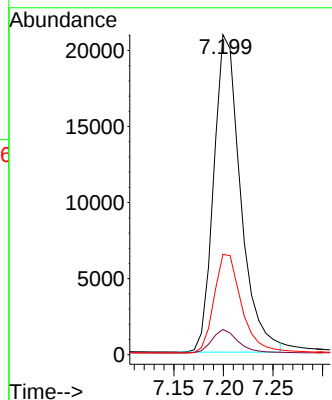
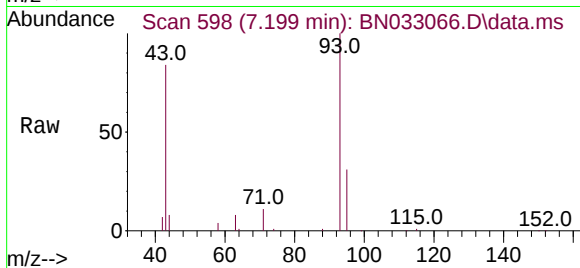




#6
bis(2-Chloroethyl)ether
Concen: 3.401 ng
RT: 7.199 min Scan# 51
Delta R.T. 0.173 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

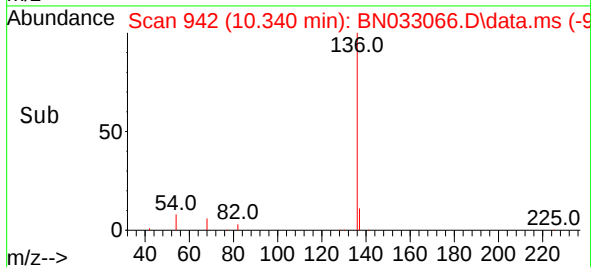
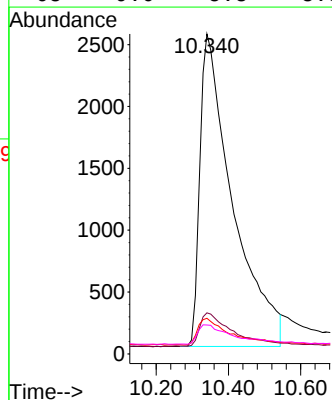
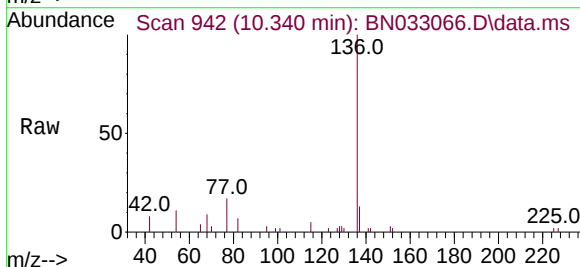
Instrument :
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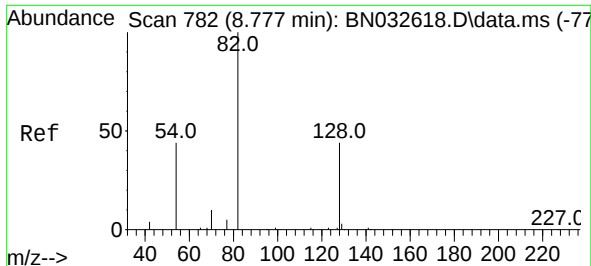
Tgt Ion: 93 Resp: 39335
Ion Ratio Lower Upper
93 100
63 7.2 46.4 69.6#
95 31.7 25.5 38.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. 0.011 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion: 136 Resp: 15847
Ion Ratio Lower Upper
136 100
137 12.8 9.9 14.9
54 11.1 6.5 9.7#
68 9.0 5.8 8.8#

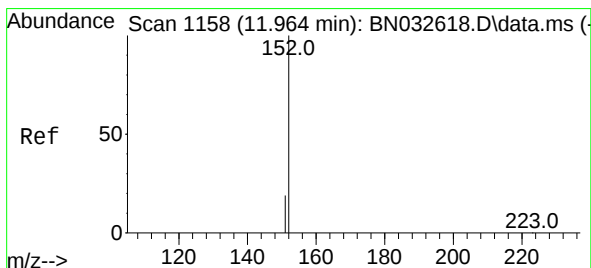
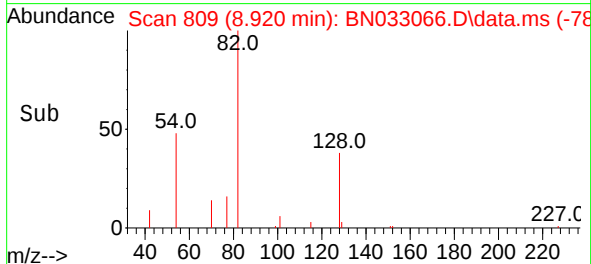
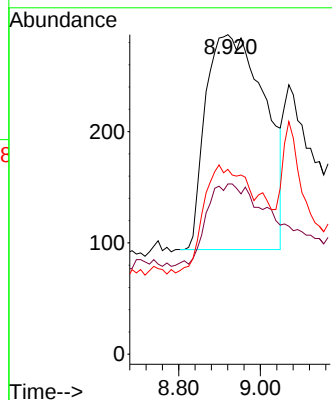
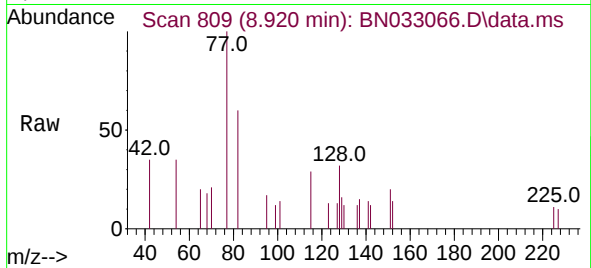




#8
Nitrobenzene-d5
Concen: 0.163 ng
RT: 8.920 min Scan# 809
Delta R.T. 0.064 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

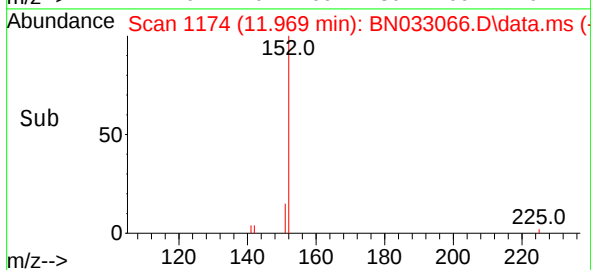
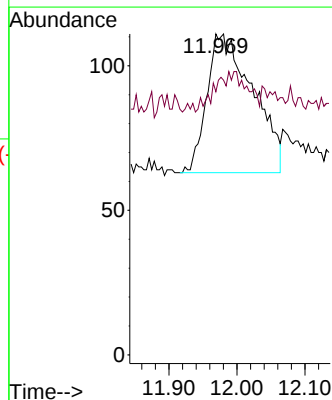
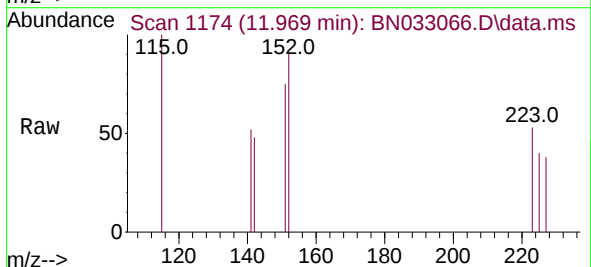
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717RE

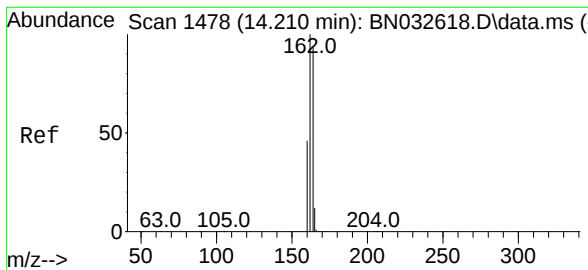
Tgt Ion: 82 Resp: 1945
Ion Ratio Lower Upper
82 100
128 53.3 41.7 62.5
54 57.8 39.5 59.3



#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 11.969 min Scan# 1174
Delta R.T. 0.023 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion:152 Resp: 225
Ion Ratio Lower Upper
152 100
151 8.0 16.2 24.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.176 min Scan# 1478

Delta R.T. 0.007 min

Lab File: BN033066.D

Acq: 29 Jul 2024 12:40

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240717RE

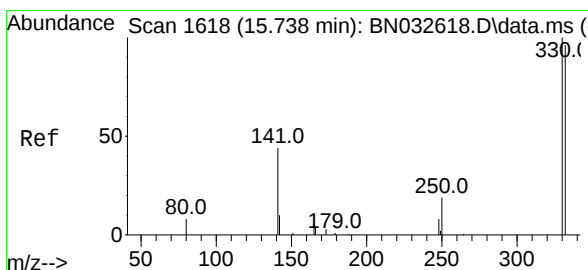
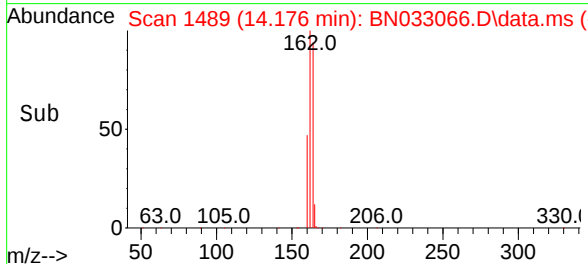
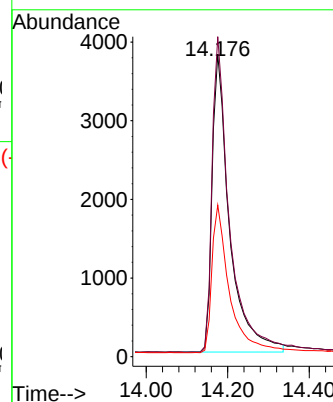
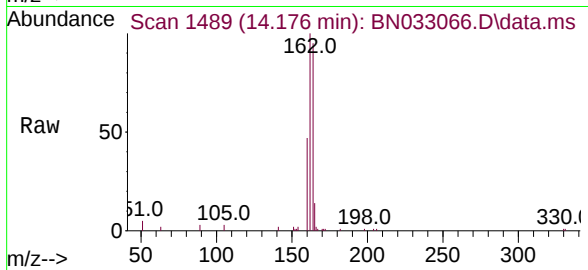
Tgt Ion:164 Resp: 11289

Ion Ratio Lower Upper

164 100

162 105.8 85.0 127.4

160 50.1 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.016 ng

RT: 15.760 min Scan# 1634

Delta R.T. 0.019 min

Lab File: BN033066.D

Acq: 29 Jul 2024 12:40

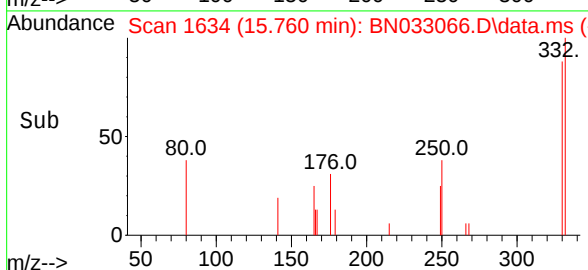
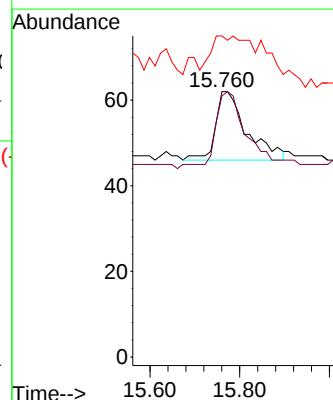
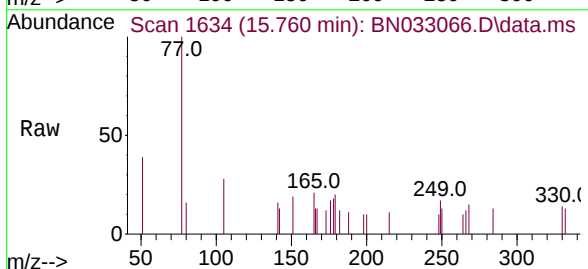
Tgt Ion:330 Resp: 77

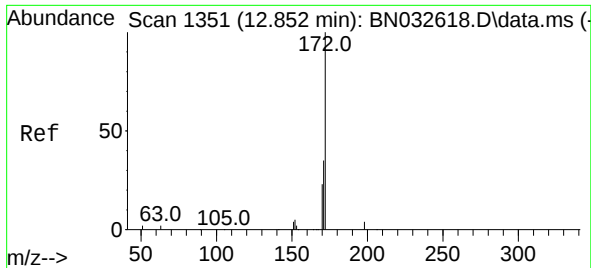
Ion Ratio Lower Upper

330 100

332 94.8 77.8 116.8

141 0.0 34.2 51.2#

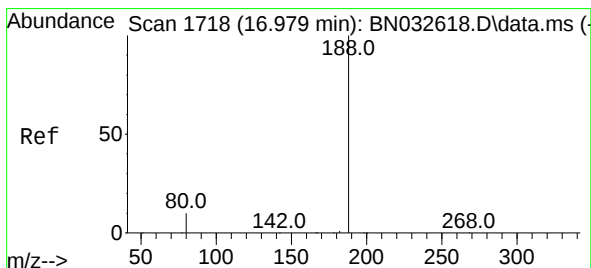
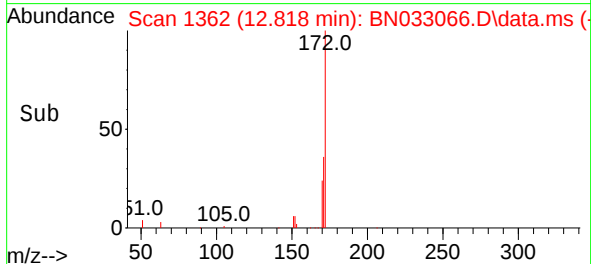
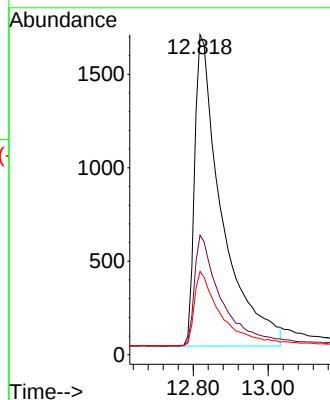
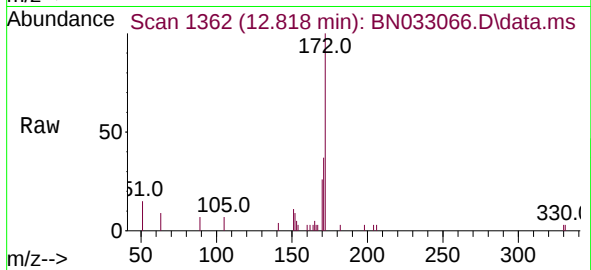




#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 12.818 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

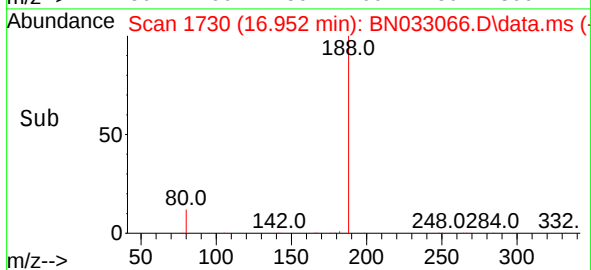
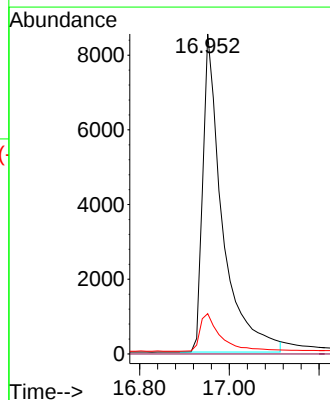
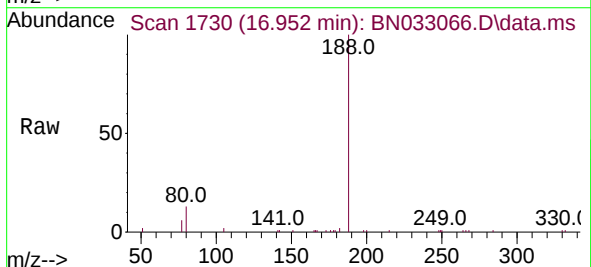
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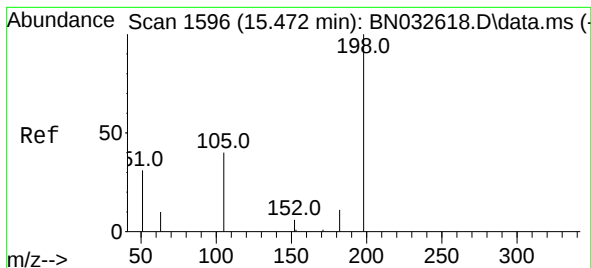
Tgt Ion:	172	Resp:	8339
Ion Ratio	Lower	Upper	
172	100		
171	37.4	28.6	43.0
170	26.0	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.952 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion:	188	Resp:	25863
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.6	8.8	13.2

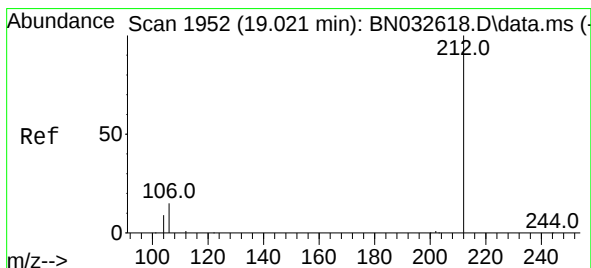
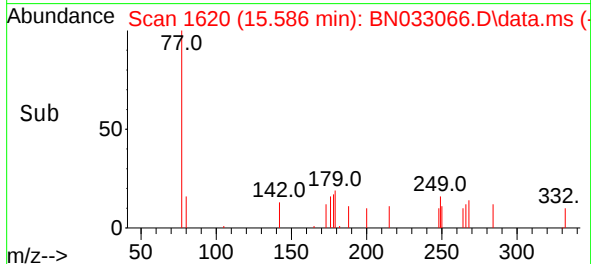
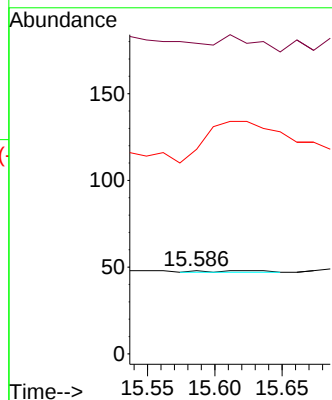
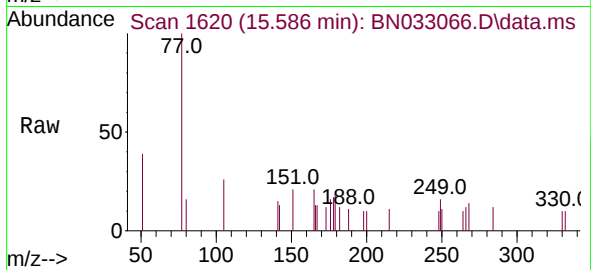




#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.586 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

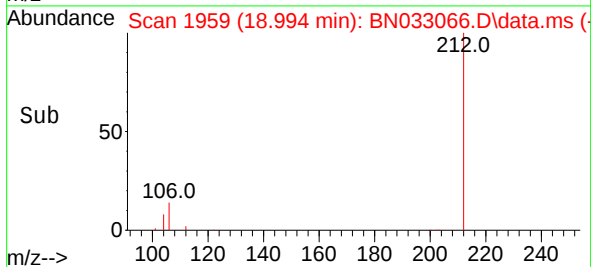
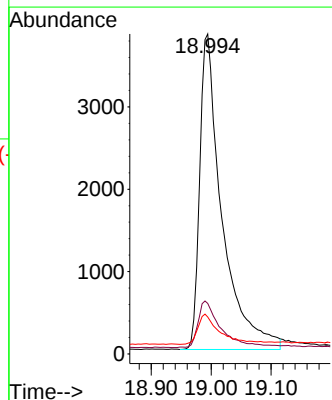
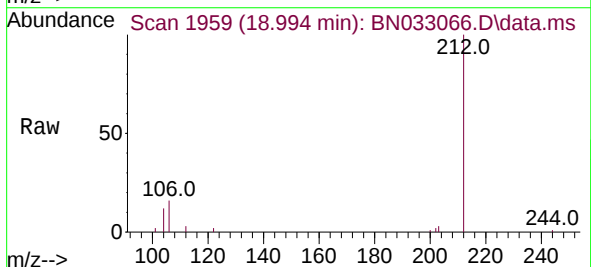
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717RE

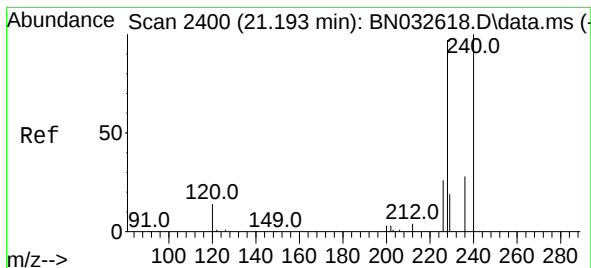
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 372.9 105.7 158.5#
105 245.8 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.148 ng
RT: 18.994 min Scan# 1959
Delta R.T. 0.002 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion:212 Resp: 9872
Ion Ratio Lower Upper
212 100
106 15.3 11.9 17.9
104 9.6 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.158 min Scan# 2409

Delta R.T. -0.002 min

Lab File: BN033066.D

Acq: 29 Jul 2024 12:40

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240717RE

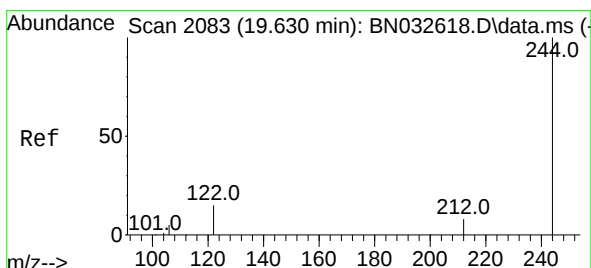
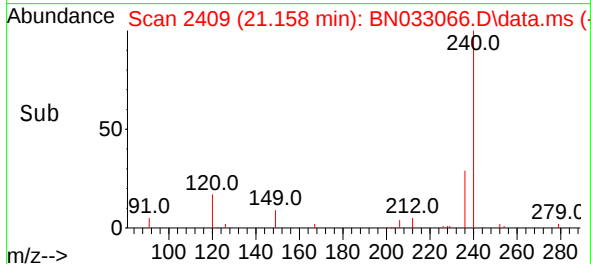
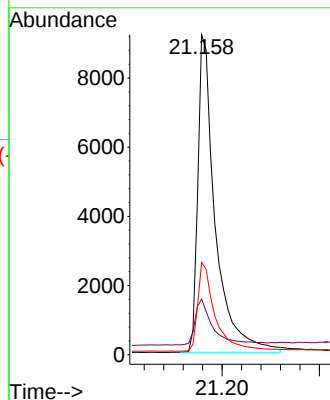
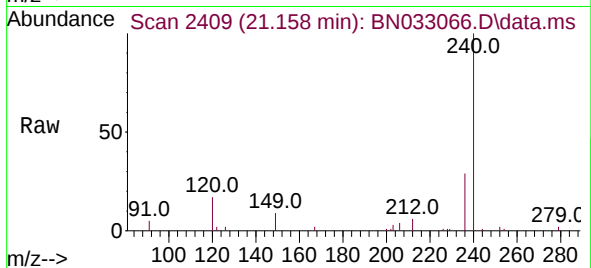
Tgt Ion:240 Resp: 22776

Ion Ratio Lower Upper

240 100

120 17.4 14.8 22.2

236 28.8 23.3 34.9



#31

Terphenyl-d14

Concen: 0.252 ng

RT: 19.575 min Scan# 2084

Delta R.T. -0.021 min

Lab File: BN033066.D

Acq: 29 Jul 2024 12:40

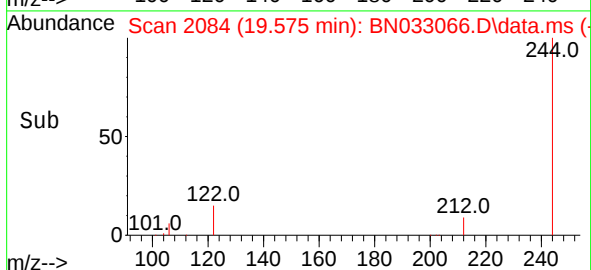
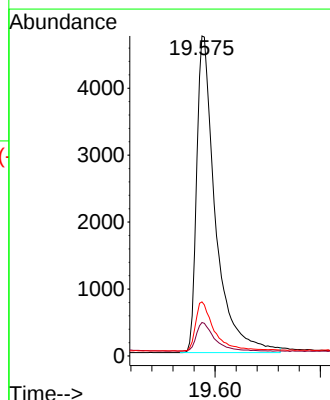
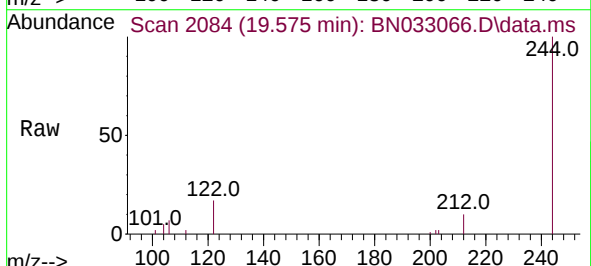
Tgt Ion:244 Resp: 11745

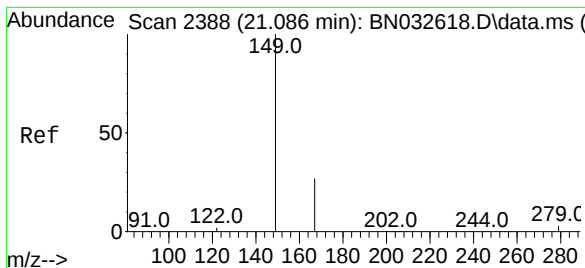
Ion Ratio Lower Upper

244 100

212 10.5 7.5 11.3

122 16.9 12.6 19.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.123 ng

RT: 21.024 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN033066.D

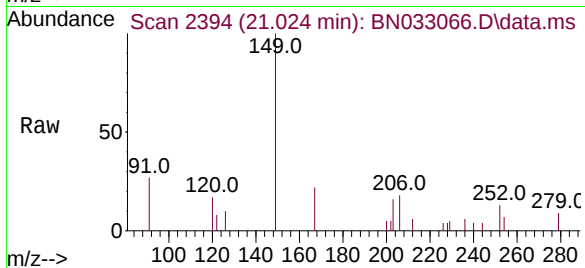
Acq: 29 Jul 2024 12:40

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240717RE



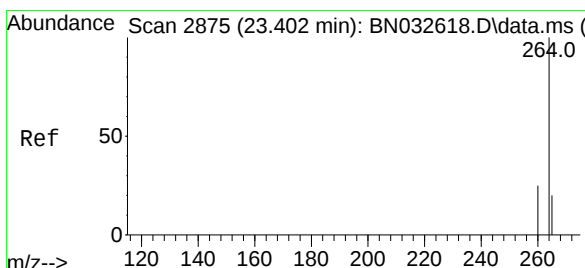
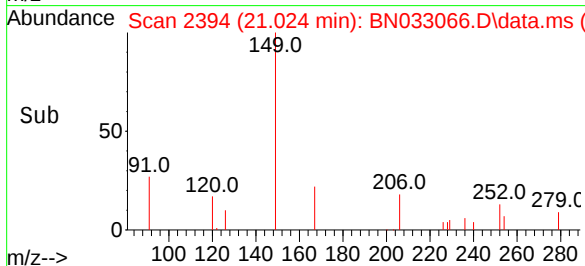
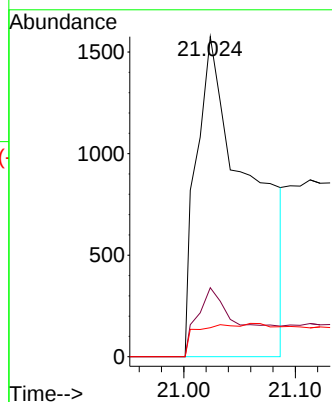
Tgt Ion:149 Resp: 4903

Ion Ratio Lower Upper

149 100

167 19.5 21.4 32.2#

279 0.0 2.8 4.2#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.353 min Scan# 2871

Delta R.T. 0.001 min

Lab File: BN033066.D

Acq: 29 Jul 2024 12:40

Tgt Ion:264 Resp: 19732

Ion Ratio Lower Upper

264 100

260 25.8 20.9 31.3

265 63.8 85.4 128.2#

