

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111424\
 Data File : BN035090.D
 Acq On : 14 Nov 2024 16:35
 Operator : RC/JU
 Sample : P4774-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB190-HYD-20241106RE

Quant Time: Nov 14 17:12:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 17:18:14 2024
 Response via : Initial Calibration

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

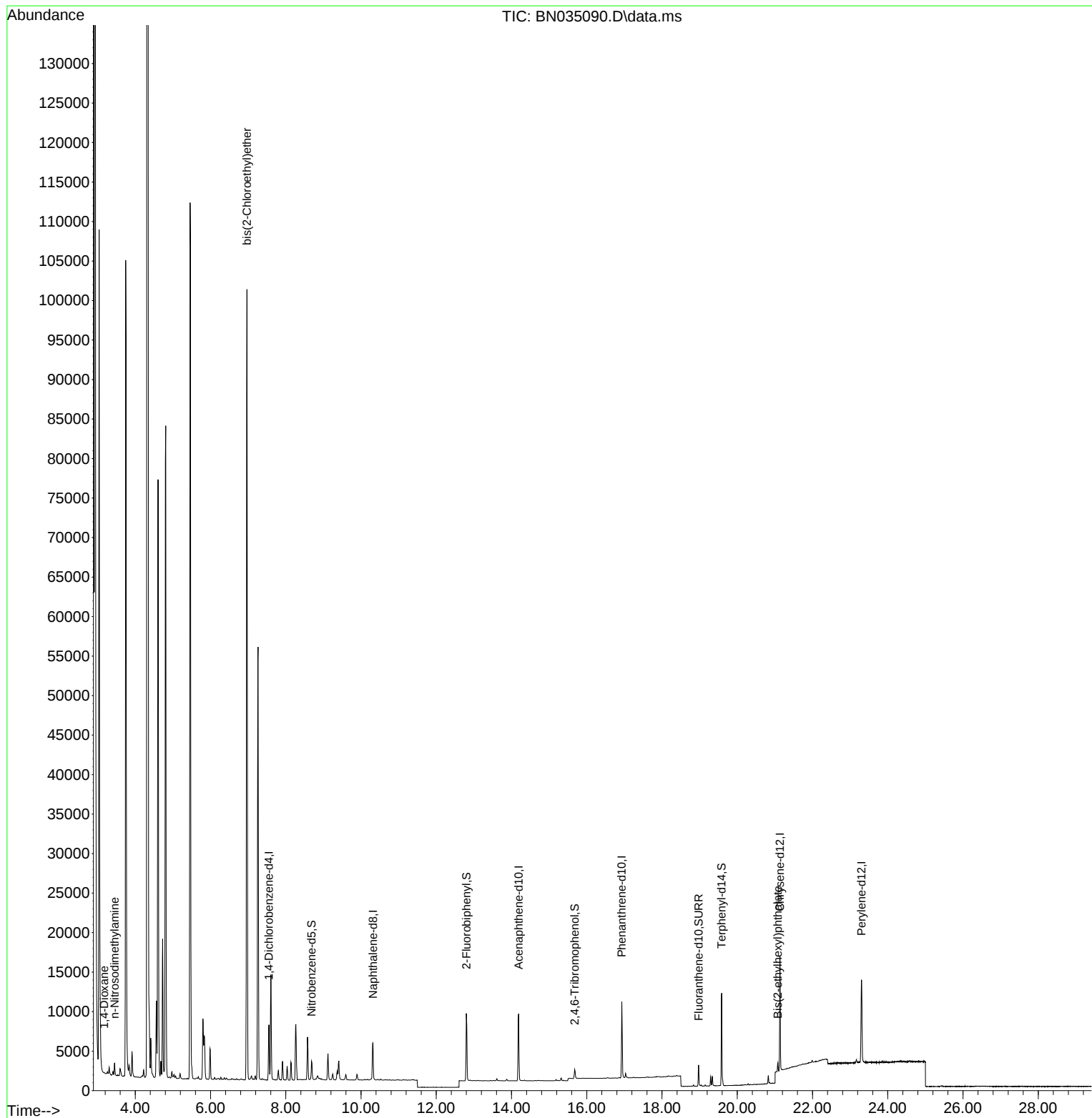
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	2635	0.400	ng	0.00
7) Naphthalene-d8	10.318	136	6903	0.400	ng	0.00
13) Acenaphthene-d10	14.190	164	5180	0.400	ng	0.00
19) Phenanthrene-d10	16.932	188	12731	0.400	ng	# 0.00
29) Chrysene-d12	21.133	240	12938	0.400	ng	# 0.00
35) Perylene-d12	23.302	264	13233	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	36	0.005	ng	0.00
5) Phenol-d6	6.737	99	7	0.001	ng	0.00
8) Nitrobenzene-d5	8.685	82	2107	0.351	ng	-0.01
11) 2-Methylnaphthalene-d10	11.912	152	27	0.002	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	749	0.200	ng	0.00
15) 2-Fluorobiphenyl	12.800	172	7730	0.367	ng	0.00
27) Fluoranthene-d10	18.973	212	3225	0.083	ng	0.00
31) Terphenyl-d14	19.586	244	11687	0.430	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	52	0.022	ng	# 38
3) n-Nitrosodimethylamine	3.451	42	99	0.044	ng	# 1
6) bis(2-Chloroethyl)ether	6.968	93	71474	11.352	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.079	149	1110	0.047	ng	# 97

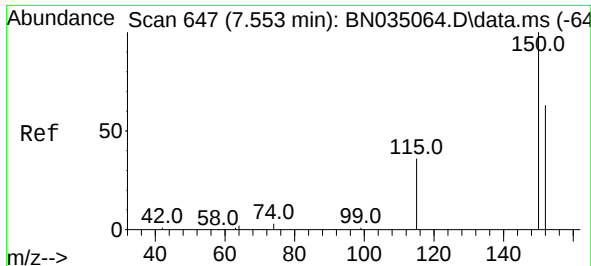
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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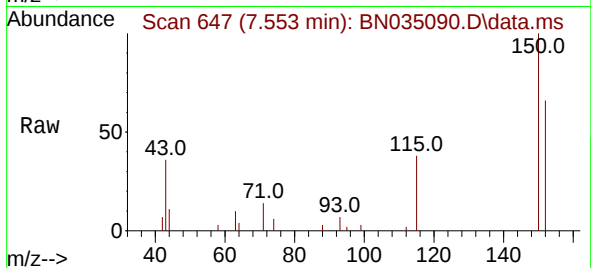
Quant Time: Nov 14 17:12:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
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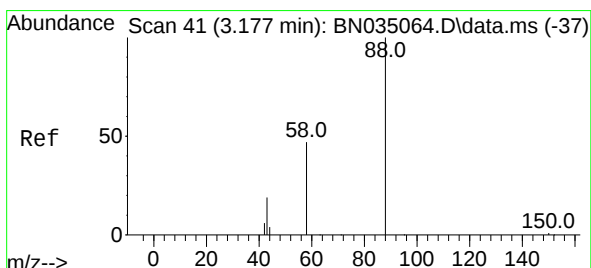
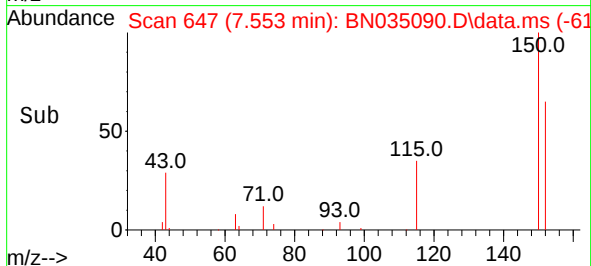
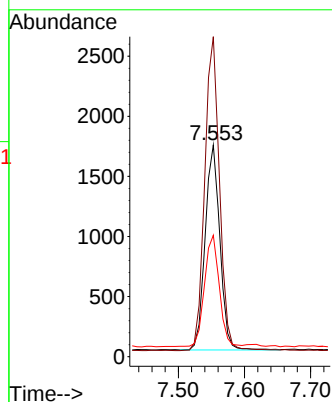
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.553 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN035090.D
 Acq: 14 Nov 2024 16:35

Instrument :
 BNA_N
 ClientSampleId :
 VPB190-HYD-20241106RE



Tgt Ion: 152 Resp: 2635

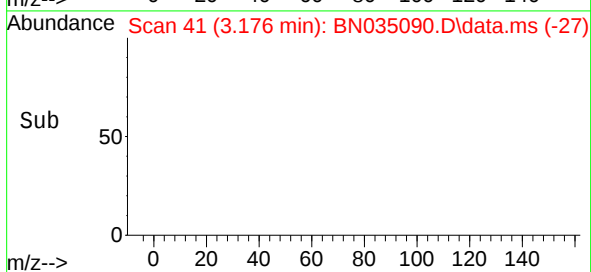
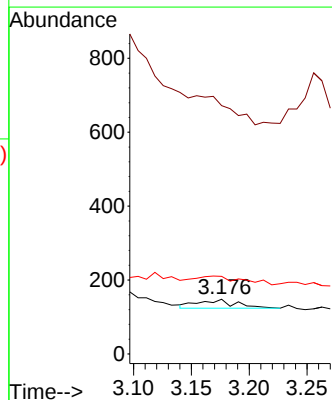
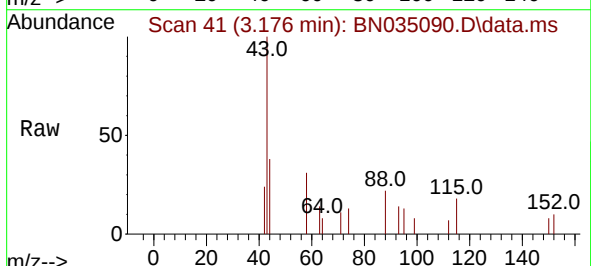
Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.5	186.7
115	57.3	47.8	71.6

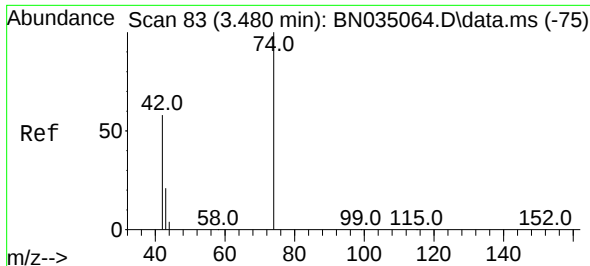


#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.176 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN035090.D
 Acq: 14 Nov 2024 16:35

Tgt Ion: 88 Resp: 52

Ion	Ratio	Lower	Upper
88	100		
43	0.0	16.9	25.3#
58	96.2	39.0	58.4#

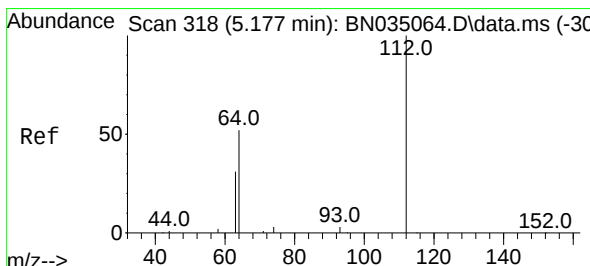
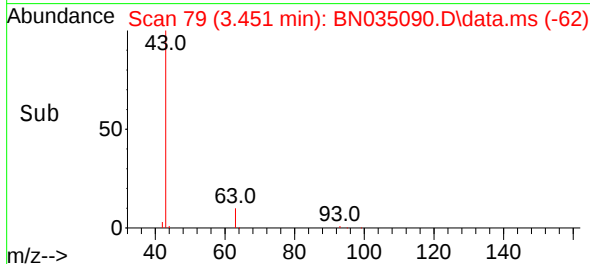
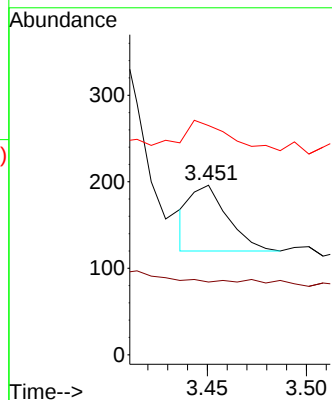
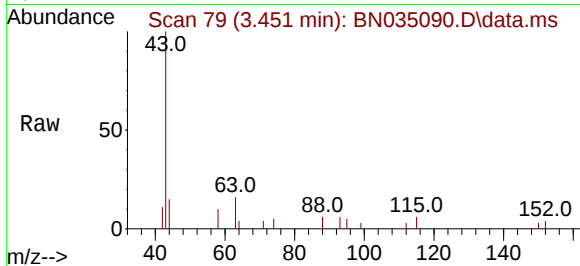




#3
n-Nitrosodimethylamine
Concen: 0.044 ng
RT: 3.451 min Scan# 70
Delta R.T. -0.029 min
Lab File: BN035090.D
Acq: 14 Nov 2024 16:35

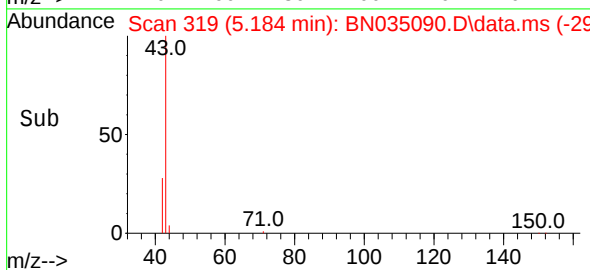
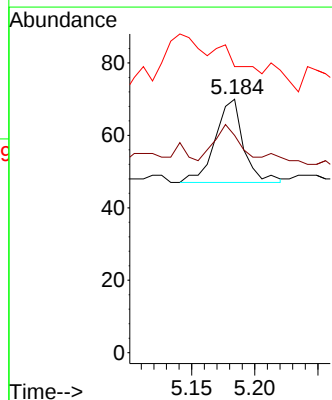
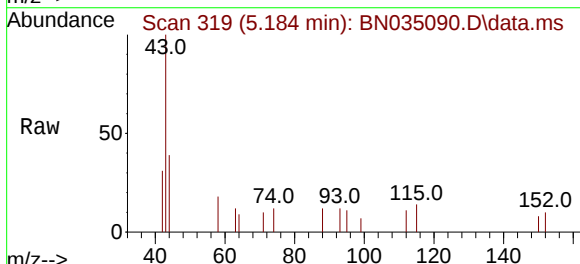
Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241106RE

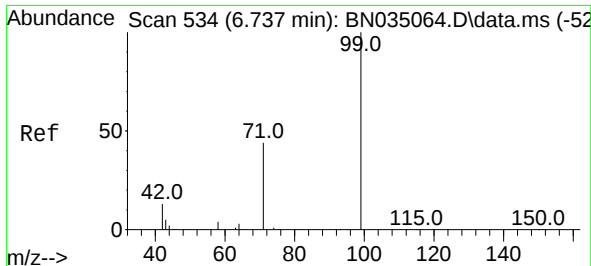
Tgt Ion: 42 Resp: 99
Ion Ratio Lower Upper
42 100
74 0.0 120.8 181.2#
44 56.6 2.9 4.3#



#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.184 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN035090.D
Acq: 14 Nov 2024 16:35

Tgt Ion: 112 Resp: 36
Ion Ratio Lower Upper
112 100
64 36.1 39.7 59.5#
63 0.0 23.0 34.4#

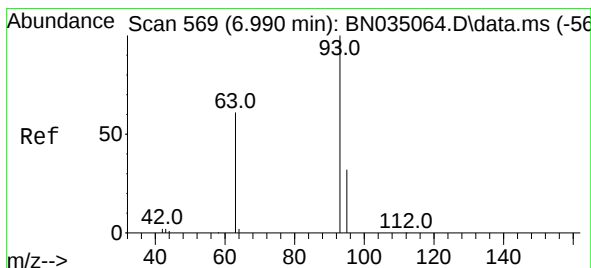
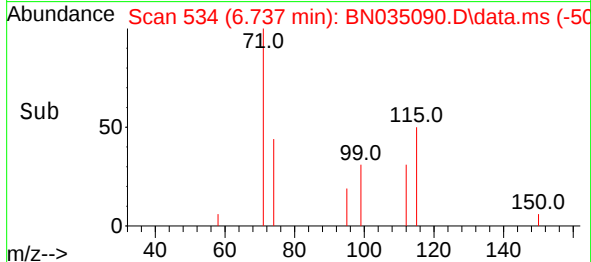
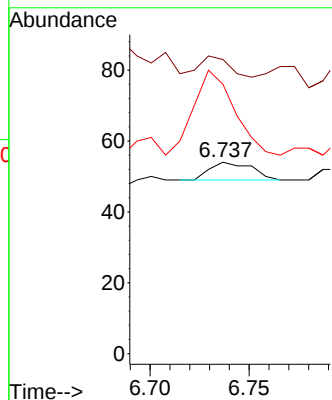
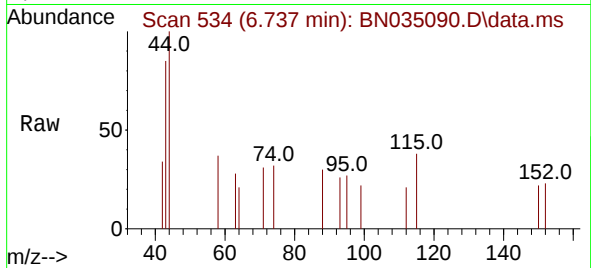




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.737 min Scan# 51
Delta R.T. -0.001 min
Lab File: BN035090.D
Acq: 14 Nov 2024 16:35

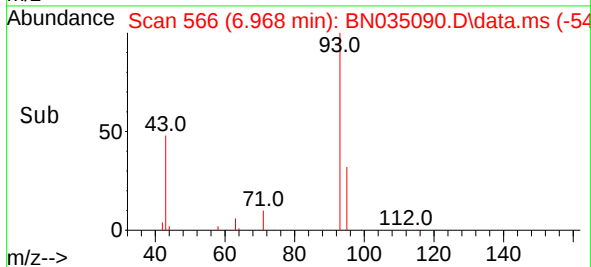
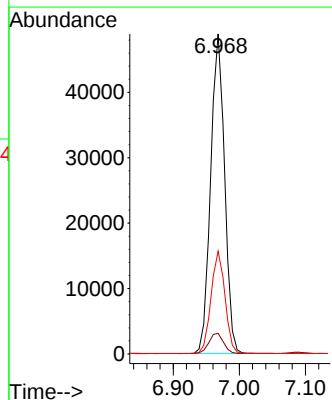
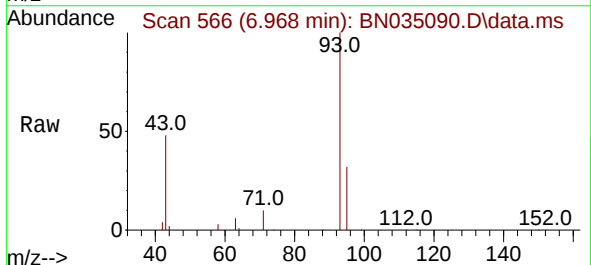
Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241106RE

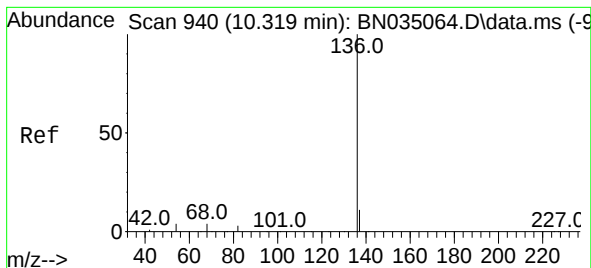
Tgt Ion: 99 Resp: 7
Ion Ratio Lower Upper
99 100
42 100.0 11.4 17.0#
71 485.7 34.6 51.8#



#6
bis(2-Chloroethyl)ether
Concen: 11.352 ng
RT: 6.968 min Scan# 566
Delta R.T. -0.022 min
Lab File: BN035090.D
Acq: 14 Nov 2024 16:35

Tgt Ion: 93 Resp: 71474
Ion Ratio Lower Upper
93 100
63 6.6 47.4 71.2#
95 31.9 26.2 39.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.318 min Scan# 940

Delta R.T. -0.000 min

Lab File: BN035090.D

Acq: 14 Nov 2024 16:35

Instrument :

BNA_N

ClientSampleId :

VPB190-HYD-20241106RE

Tgt Ion:136 Resp: 6903

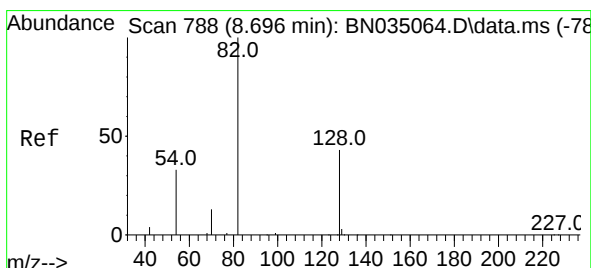
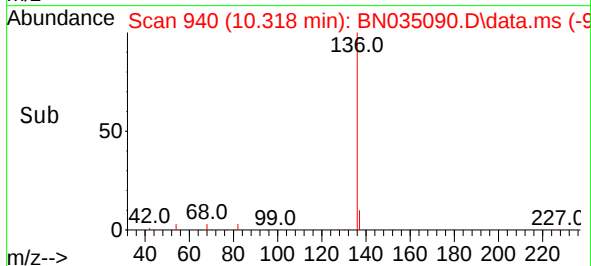
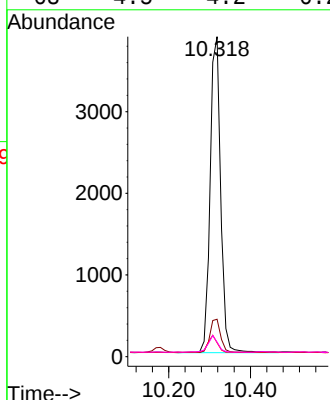
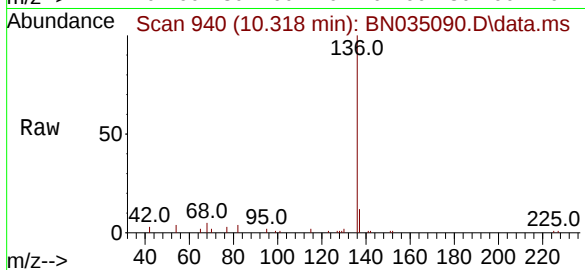
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 4.3 4.0 6.0

68 4.5 4.2 6.2



#8

Nitrobenzene-d5

Concen: 0.351 ng

RT: 8.685 min Scan# 787

Delta R.T. -0.011 min

Lab File: BN035090.D

Acq: 14 Nov 2024 16:35

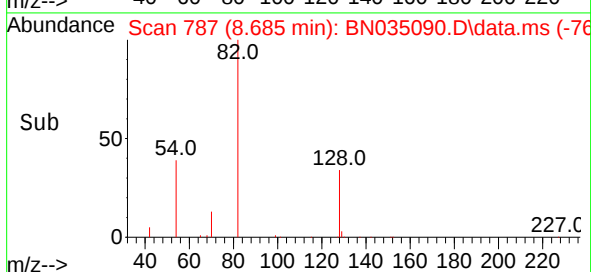
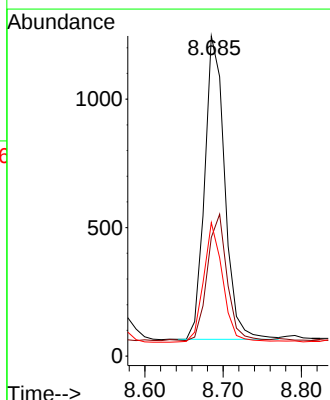
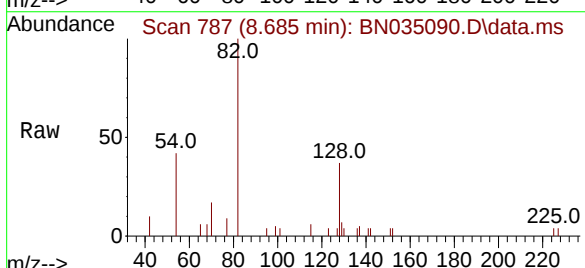
Tgt Ion: 82 Resp: 2107

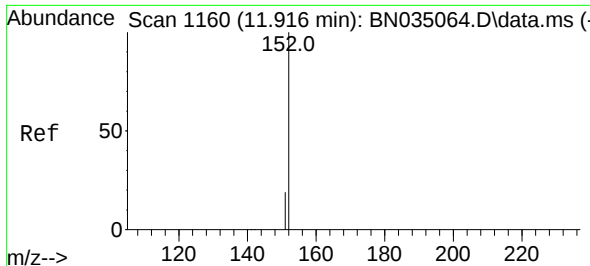
Ion Ratio Lower Upper

82 100

128 37.1 36.5 54.7

54 41.7 28.7 43.1





#11

2-Methylnaphthalene-d10

Concen: 0.002 ng

RT: 11.912 min Scan# 1159

Delta R.T. -0.004 min

Lab File: BN035090.D

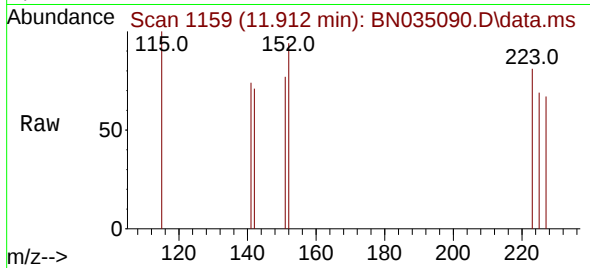
Acq: 14 Nov 2024 16:35

Instrument :

BNA_N

ClientSampleId :

VPB190-HYD-20241106RE

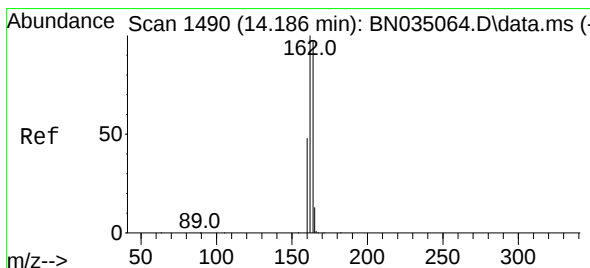
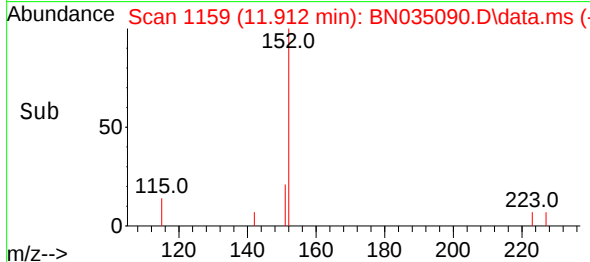
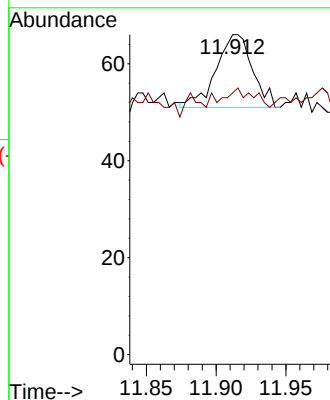


Tgt Ion:152 Resp: 27

Ion Ratio Lower Upper

152 100

151 29.6 16.2 24.4#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.190 min Scan# 1491

Delta R.T. 0.003 min

Lab File: BN035090.D

Acq: 14 Nov 2024 16:35

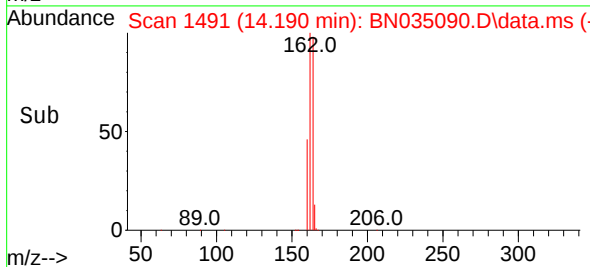
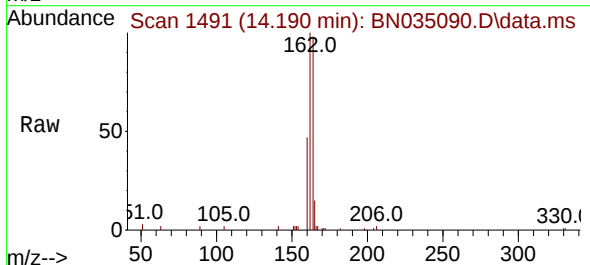
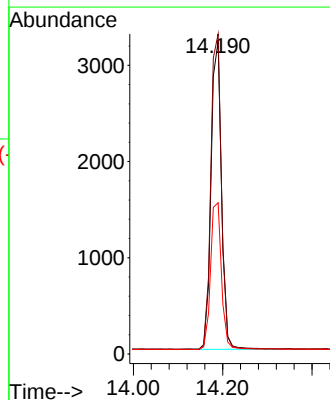
Tgt Ion:164 Resp: 5180

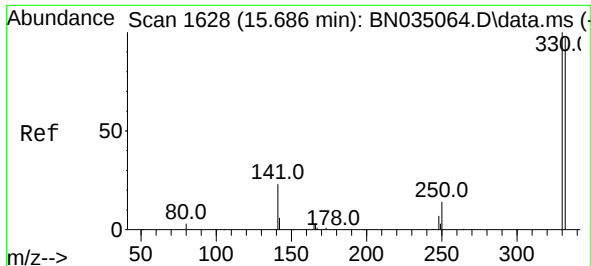
Ion Ratio Lower Upper

164 100

162 102.4 82.2 123.2

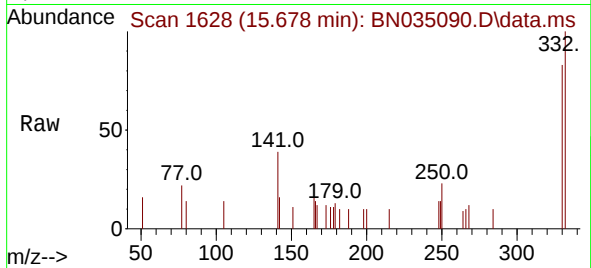
160 48.4 40.2 60.4



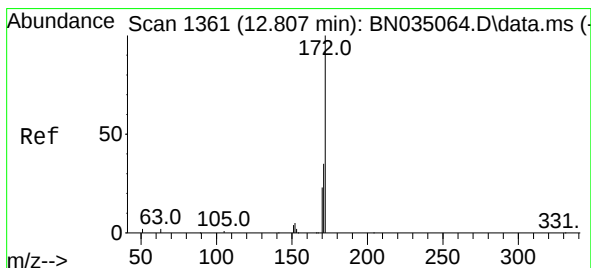
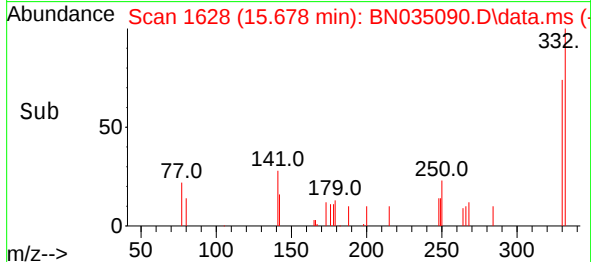
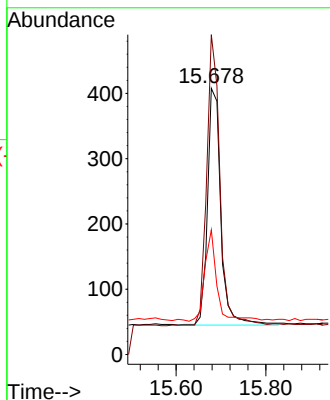


#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 15.678 min Scan# 1628
Delta R.T. -0.007 min
Lab File: BN035090.D
Acq: 14 Nov 2024 16:35

Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241106RE

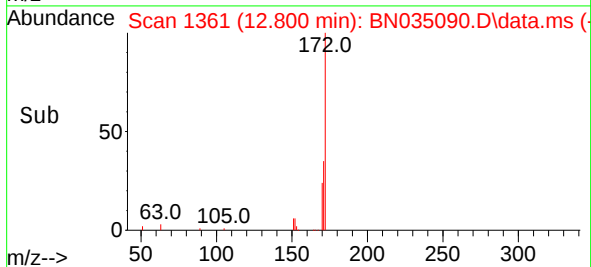
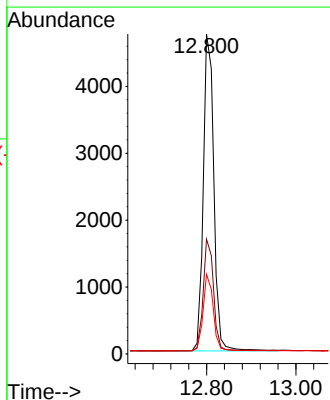
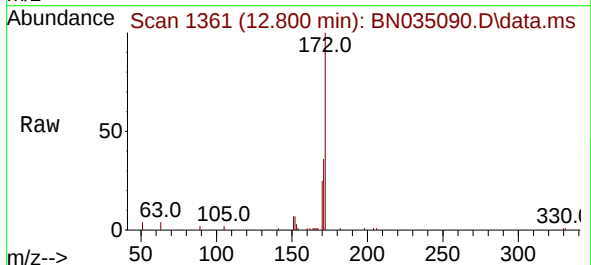


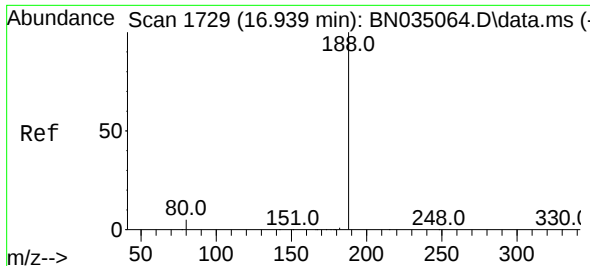
Tgt Ion:330 Resp: 749
Ion Ratio Lower Upper
330 100
332 119.8 76.9 115.3#
141 35.1 29.6 44.4



#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.800 min Scan# 1361
Delta R.T. -0.007 min
Lab File: BN035090.D
Acq: 14 Nov 2024 16:35

Tgt Ion:172 Resp: 7730
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 24.9 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.932 min Scan# 1729

Delta R.T. -0.007 min

Lab File: BN035090.D

Acq: 14 Nov 2024 16:35

Instrument :

BNA_N

ClientSampleId :

VPB190-HYD-20241106RE

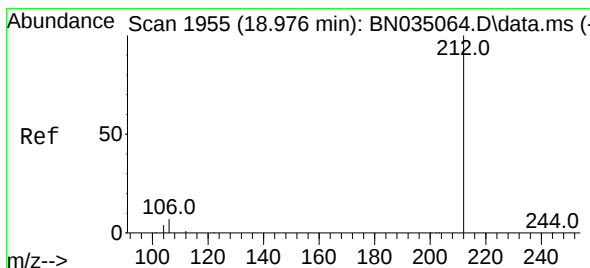
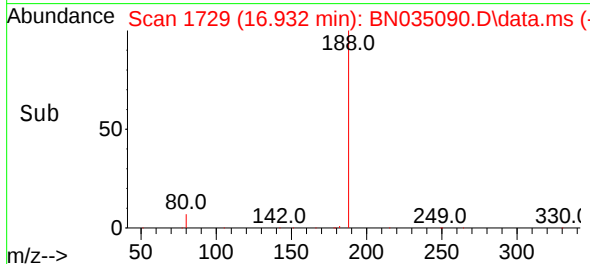
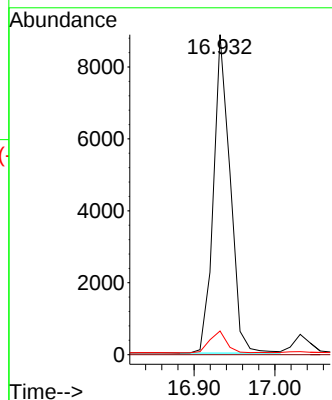
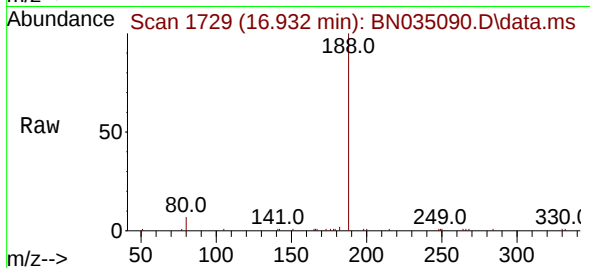
Tgt Ion:188 Resp: 12731

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.4 4.3 6.5#



#27

Fluoranthene-d10

Concen: 0.083 ng

RT: 18.973 min Scan# 1956

Delta R.T. -0.003 min

Lab File: BN035090.D

Acq: 14 Nov 2024 16:35

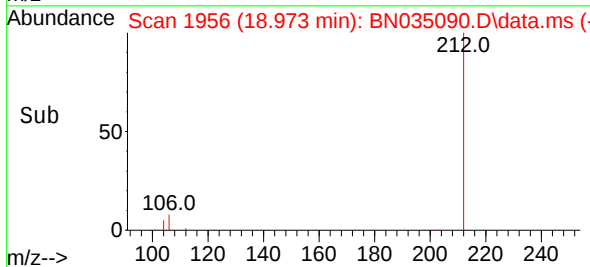
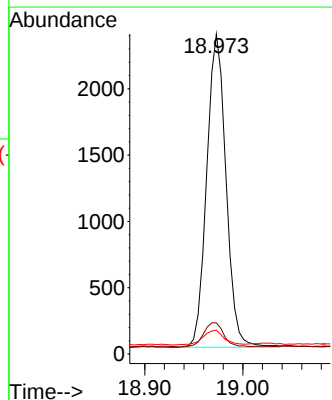
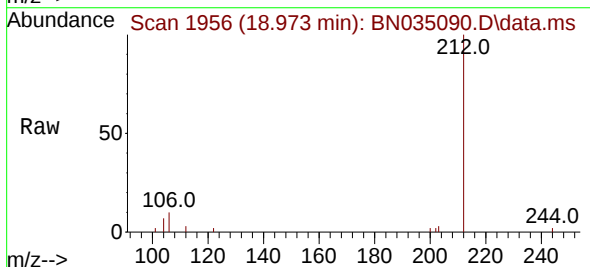
Tgt Ion:212 Resp: 3225

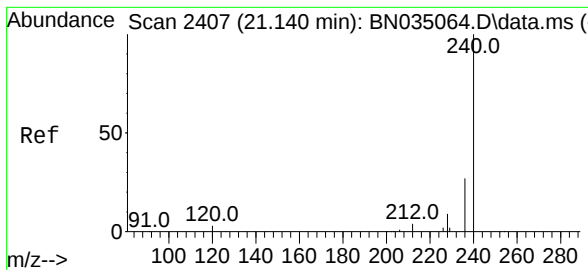
Ion Ratio Lower Upper

212 100

106 8.4 6.0 9.0

104 5.1 3.5 5.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.133 min Scan# 2408

Delta R.T. -0.007 min

Lab File: BN035090.D

Acq: 14 Nov 2024 16:35

Instrument :

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ClientSampleId :

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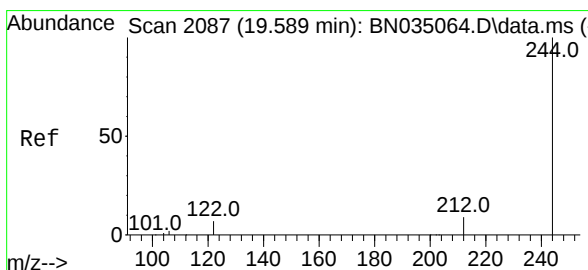
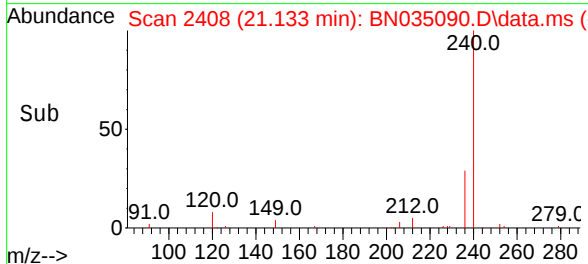
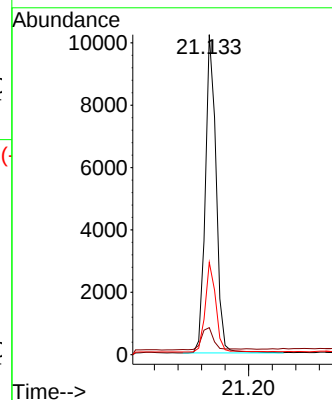
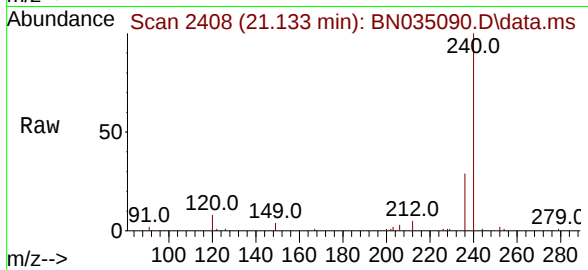
Tgt Ion:240 Resp: 12938

Ion Ratio Lower Upper

240 100

120 8.5 3.8 5.6#

236 28.8 22.2 33.2



#31

Terphenyl-d14

Concen: 0.430 ng

RT: 19.586 min Scan# 2088

Delta R.T. -0.003 min

Lab File: BN035090.D

Acq: 14 Nov 2024 16:35

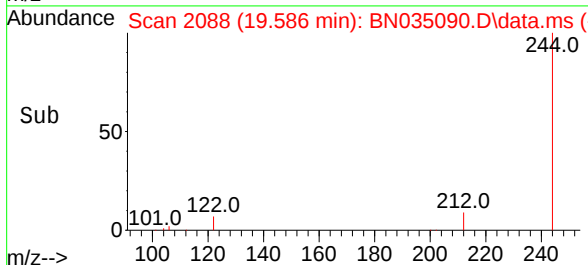
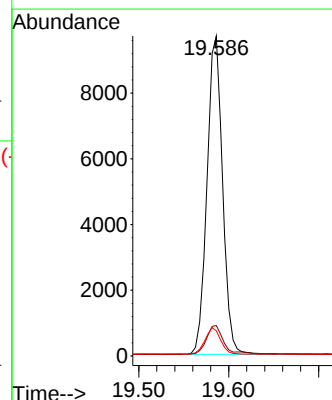
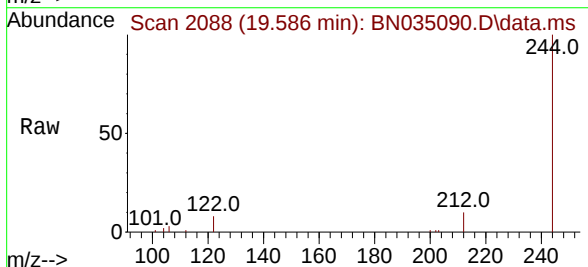
Tgt Ion:244 Resp: 11687

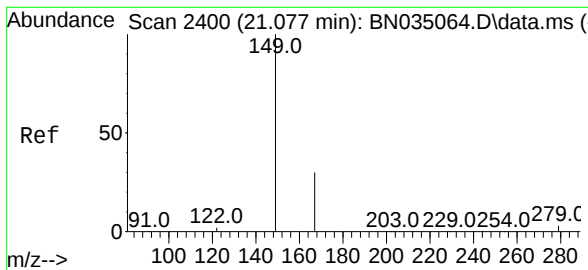
Ion Ratio Lower Upper

244 100

212 9.5 7.6 11.4

122 7.9 6.1 9.1

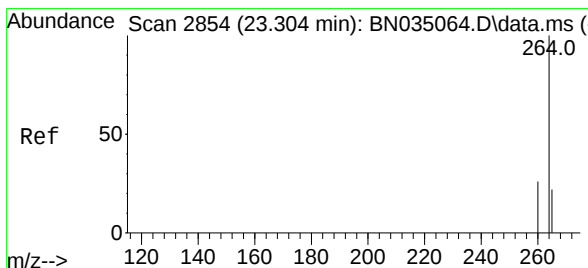
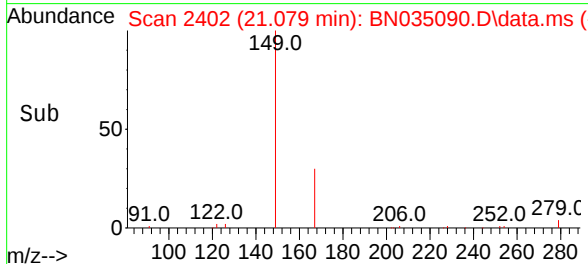
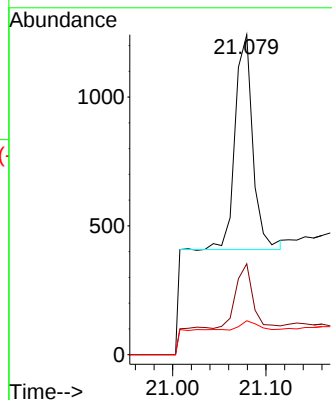
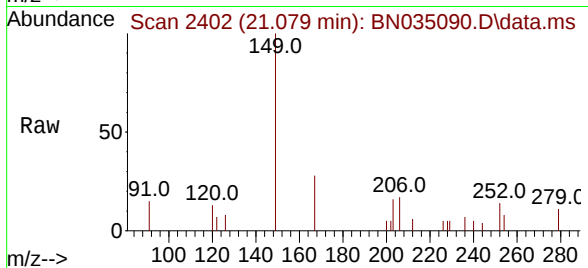




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.079 min Scan# 2400
 Delta R.T. 0.002 min
 Lab File: BN035090.D
 Acq: 14 Nov 2024 16:35

Instrument :
 BNA_N
 ClientSampleId :
 VPB190-HYD-20241106RE

Tgt Ion:149 Resp: 1110
 Ion Ratio Lower Upper
 149 100
 167 30.2 23.2 34.8
 279 5.6 3.2 4.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.302 min Scan# 2857
 Delta R.T. -0.001 min
 Lab File: BN035090.D
 Acq: 14 Nov 2024 16:35

Tgt Ion:264 Resp: 13233
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.9 31.3
 265 52.3 35.4 53.2

