

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110524\
 Data File : BN034866.D
 Acq On : 05 Nov 2024 11:49
 Operator : RC/JU
 Sample : P4665-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB190-HYD-20241030RE

Quant Time: Nov 05 12:24:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 00:03:28 2024
 Response via : Initial Calibration

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

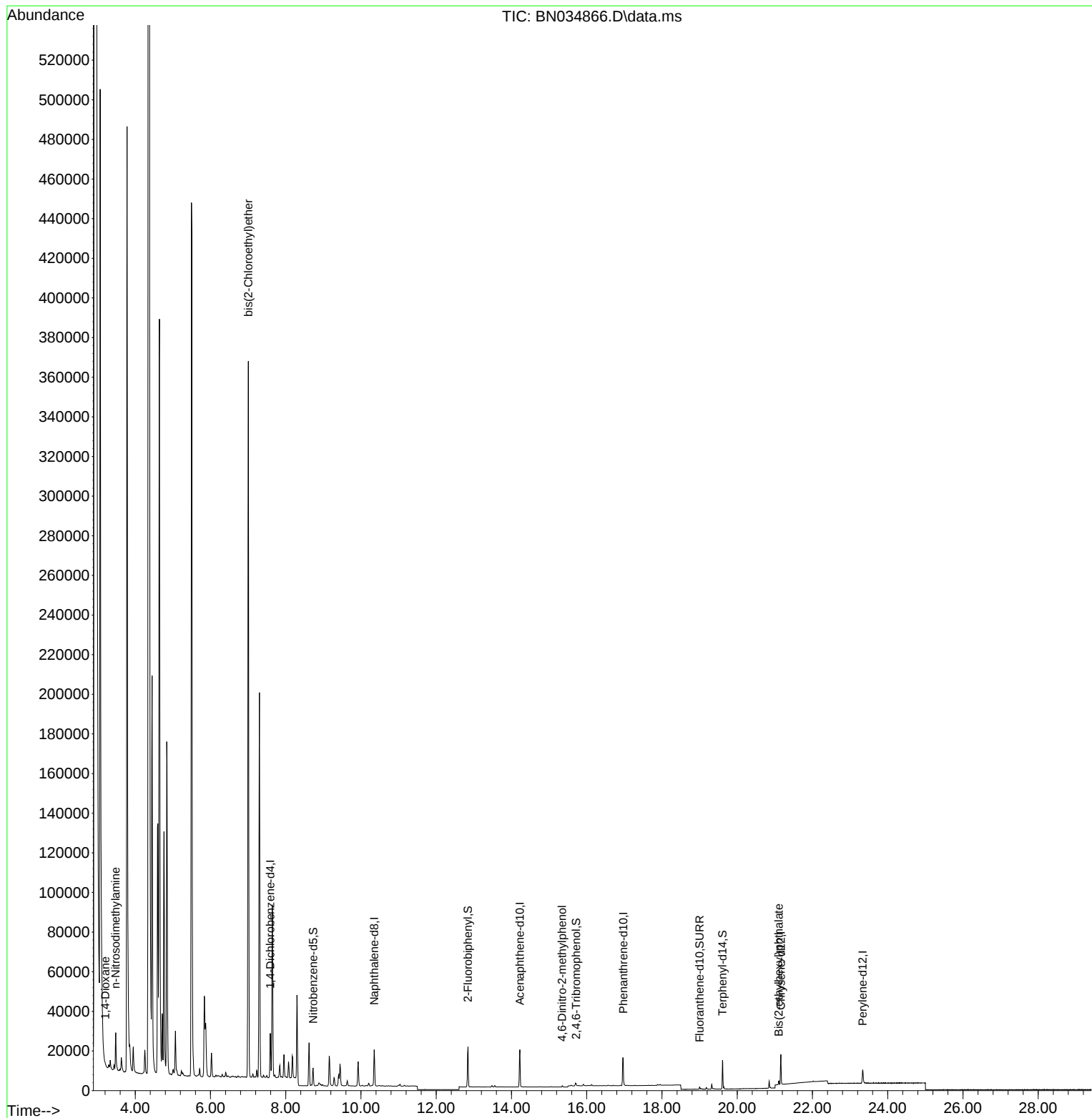
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	7601	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	22735	0.400	ng	# 0.00
13) Acenaphthene-d10	14.222	164	10621	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	21100	0.400	ng	# 0.00
29) Chrysene-d12	21.160	240	12441	0.400	ng	# 0.00
35) Perylene-d12	23.335	264	8745	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	9	0.000	ng	-0.01
5) Phenol-d6	6.744	99	38	0.001	ng	-0.02
8) Nitrobenzene-d5	8.728	82	7085	0.397	ng	0.00
11) 2-Methylnaphthalene-d10	11.943	152	12	0.000	ng	0.00
14) 2,4,6-Tribromophenol	15.716	330	760	0.145	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	17176	0.411	ng	0.00
27) Fluoranthene-d10	19.001	212	1148	0.023	ng	0.00
31) Terphenyl-d14	19.610	244	11240	0.421	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.206	88	320	0.038	ng	# 26
3) n-Nitrosodimethylamine	3.480	42	1326	0.141	ng	# 1
6) bis(2-Chloroethyl)ether	7.004	93	212841	9.747	ng	# 43
20) 4,6-Dinitro-2-methylph...	15.345	198	6	0.182	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.107	149	1982	0.048	ng	# 94

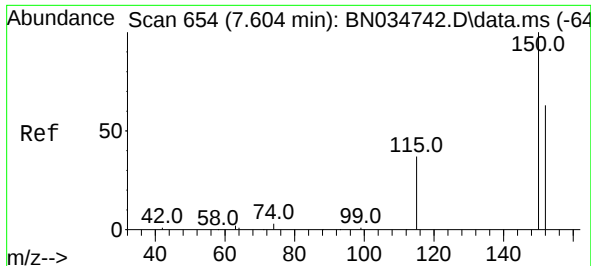
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110524\
Data File : BN034866.D
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VPB190-HYD-20241030RE

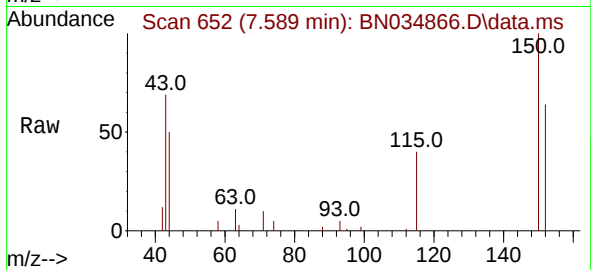
Quant Time: Nov 05 12:24:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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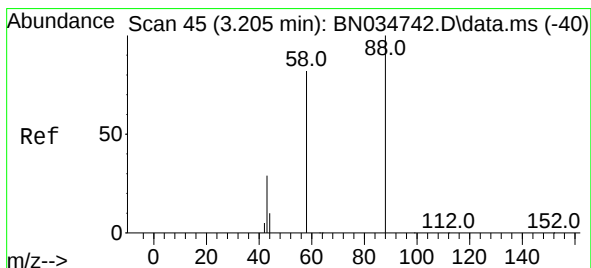
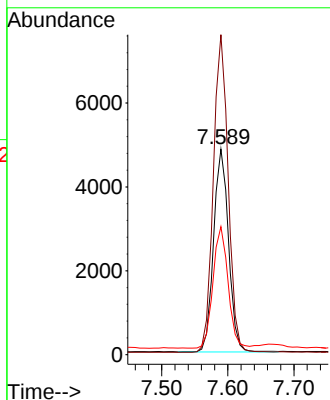
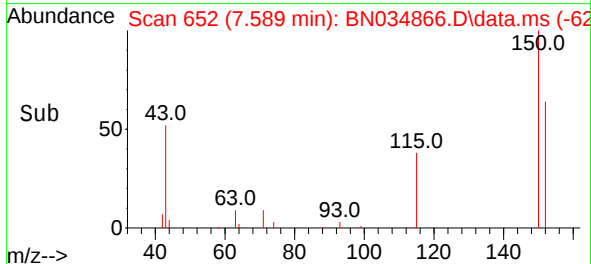


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241030RE

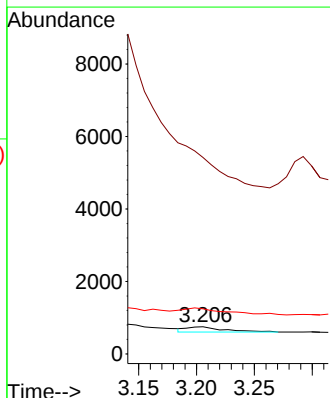
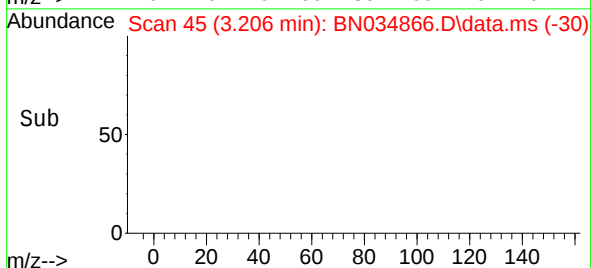
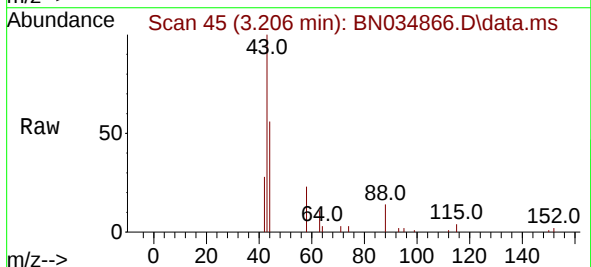


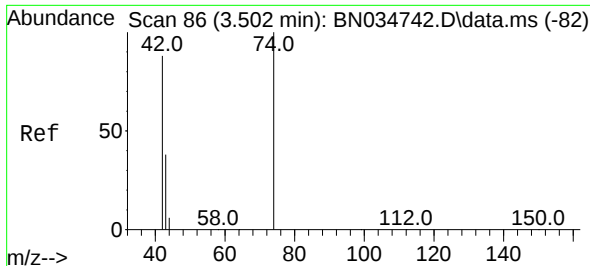
Tgt Ion:152 Resp: 7601
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 62.2 50.2 75.2



#2
1,4-Dioxane
Concen: 0.038 ng
RT: 3.206 min Scan# 45
Delta R.T. 0.007 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

Tgt Ion: 88 Resp: 320
Ion Ratio Lower Upper
88 100
43 0.0 26.7 40.1#
58 142.2 59.3 88.9#

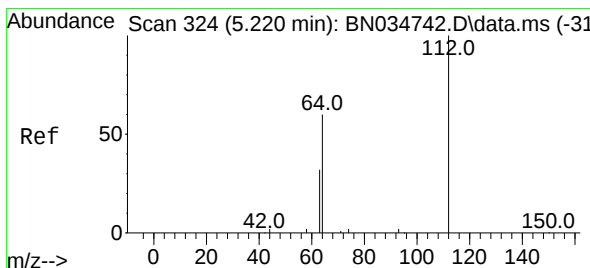
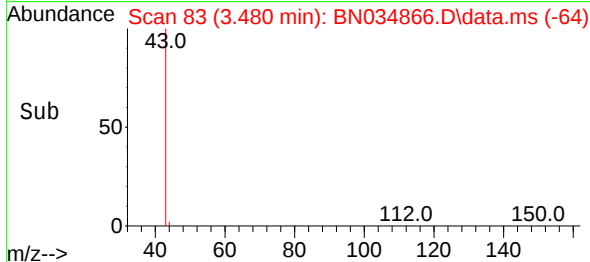
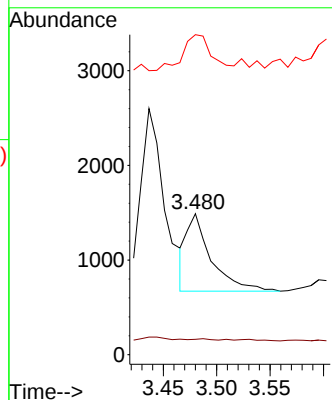
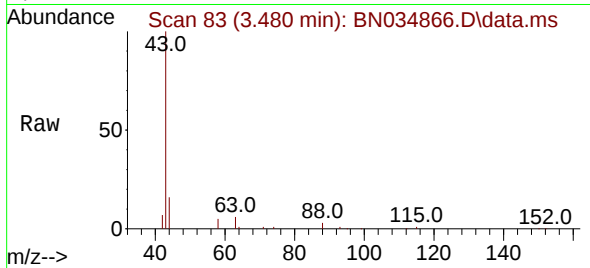




#3
n-Nitrosodimethylamine
Concen: 0.141 ng
RT: 3.480 min Scan# 86
Delta R.T. -0.014 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

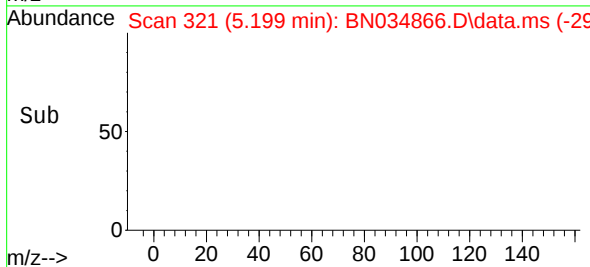
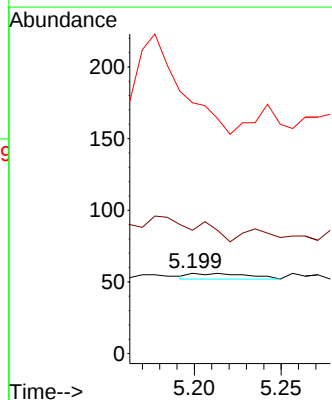
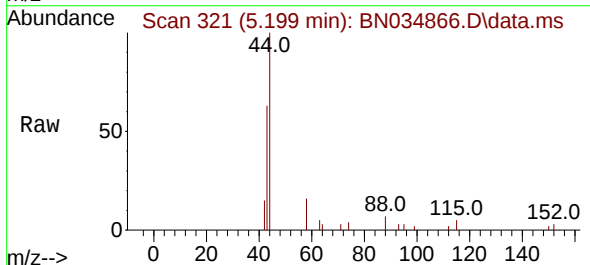
Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241030RE

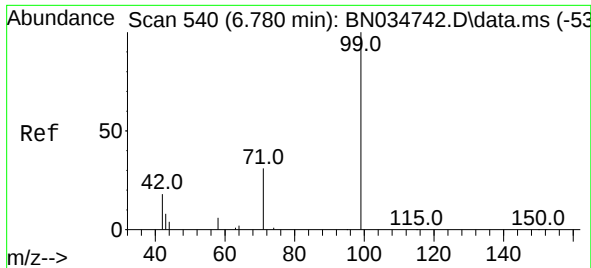
Tgt Ion: 42 Resp: 1326
Ion Ratio Lower Upper
42 100
74 0.9 103.1 154.7#
44 54.1 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.000 ng
RT: 5.199 min Scan# 321
Delta R.T. -0.014 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

Tgt Ion: 112 Resp: 9
Ion Ratio Lower Upper
112 100
64 0.0 44.9 67.3#
63 0.0 23.5 35.3#

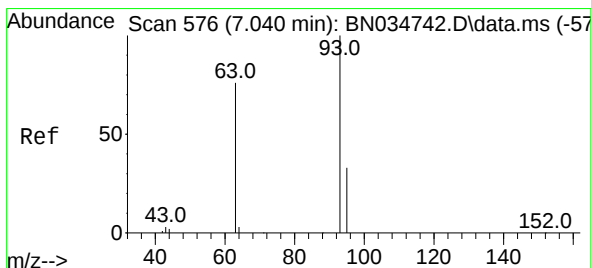
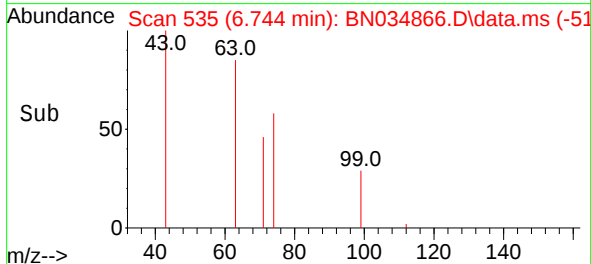
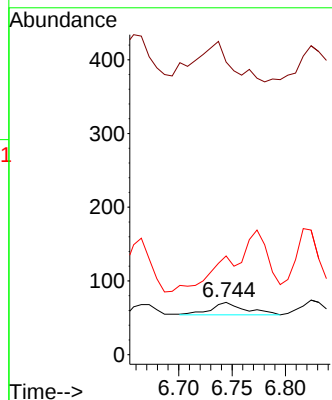
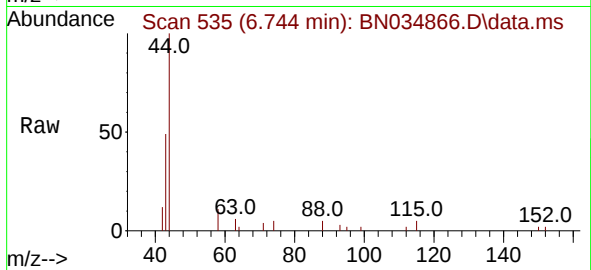




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.744 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

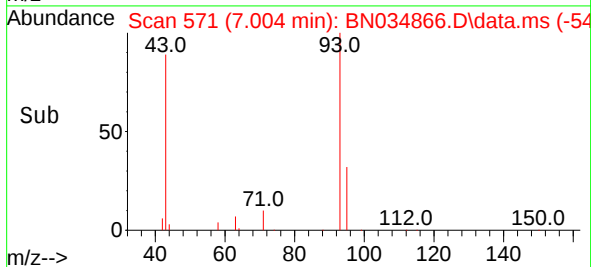
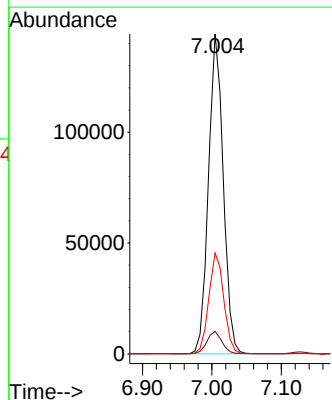
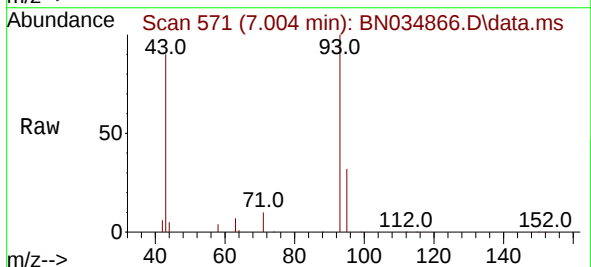
Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241030RE

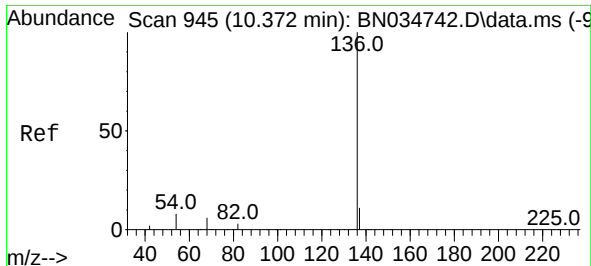
Tgt Ion: 99 Resp: 38
Ion Ratio Lower Upper
99 100
42 326.3 15.9 23.9#
71 0.0 24.3 36.5#



#6
bis(2-Chloroethyl)ether
Concen: 9.747 ng
RT: 7.004 min Scan# 571
Delta R.T. -0.022 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

Tgt Ion: 93 Resp: 212841
Ion Ratio Lower Upper
93 100
63 7.1 61.2 91.8#
95 31.9 25.8 38.8

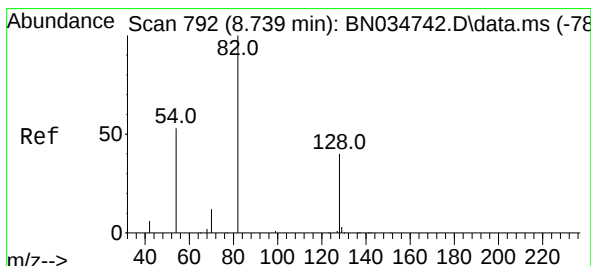
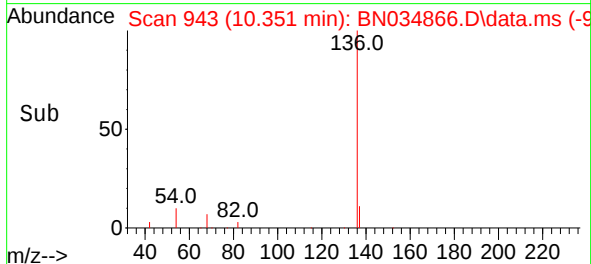
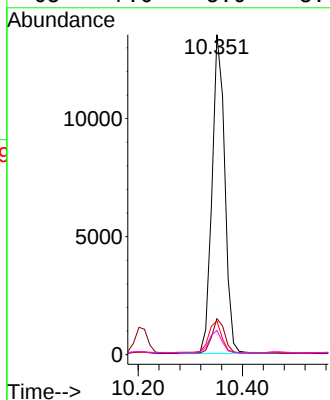
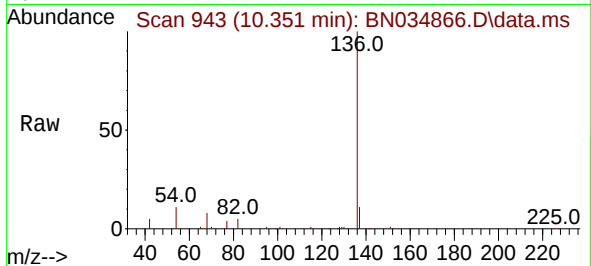




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

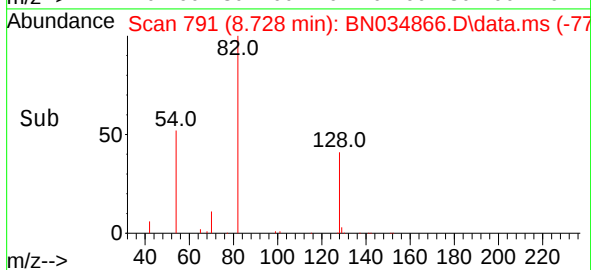
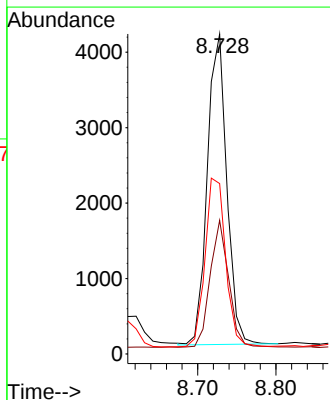
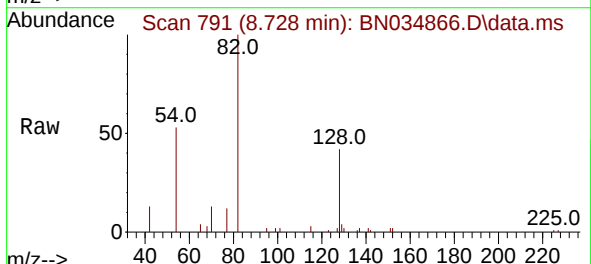
Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241030RE

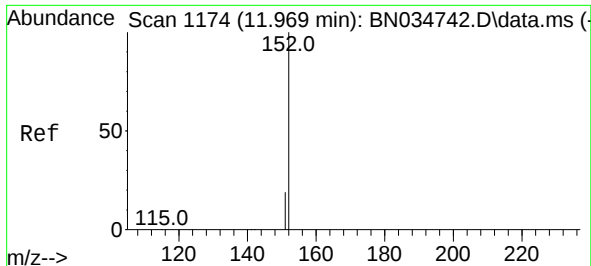
Tgt Ion:	136	Resp:	22735
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	10.6	7.0	10.4
68	7.6	5.6	8.4



#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

Tgt Ion:	82	Resp:	7085
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.7	50.5
54	53.3	44.4	66.6





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 11.943 min Scan# 1167

Delta R.T. -0.008 min

Lab File: BN034866.D

Acq: 05 Nov 2024 11:49

Instrument :

BNA_N

ClientSampleId :

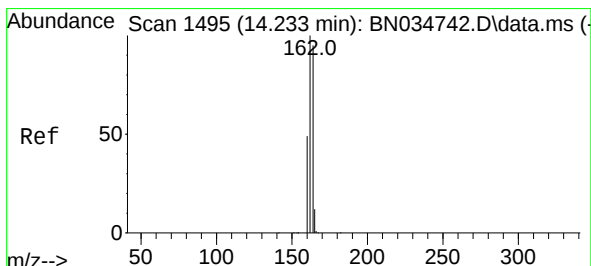
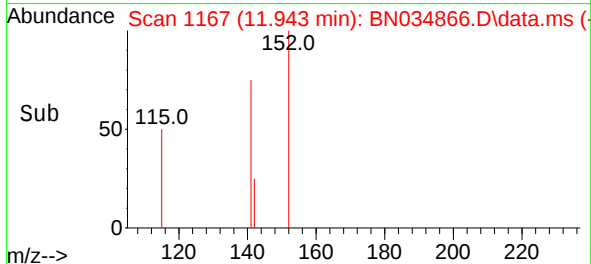
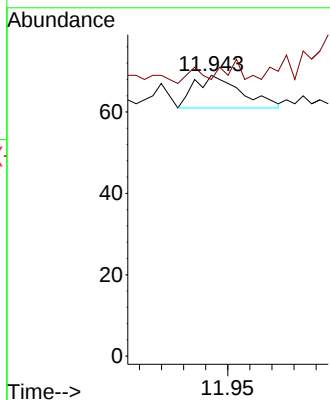
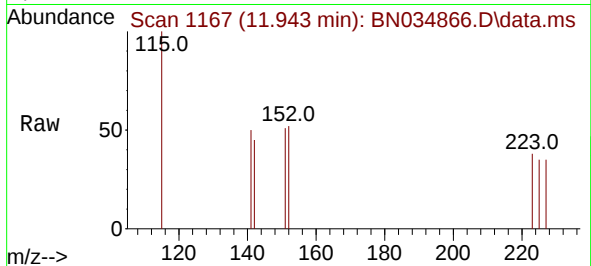
VPB190-HYD-20241030RE

Tgt Ion:152 Resp: 12

Ion Ratio Lower Upper

152 100

151 16.7 16.6 24.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.222 min Scan# 1494

Delta R.T. 0.000 min

Lab File: BN034866.D

Acq: 05 Nov 2024 11:49

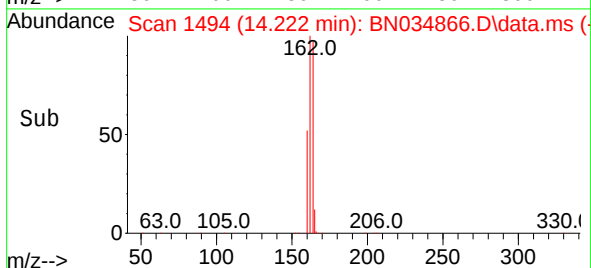
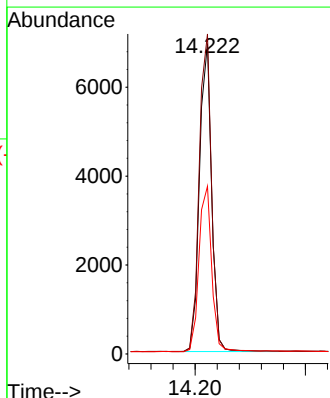
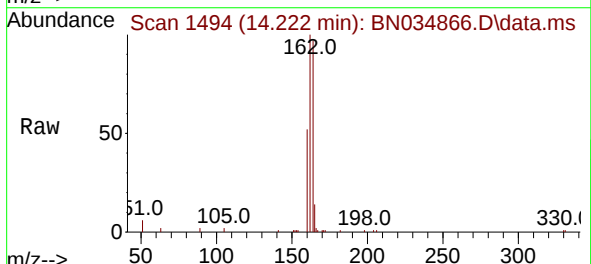
Tgt Ion:164 Resp: 10621

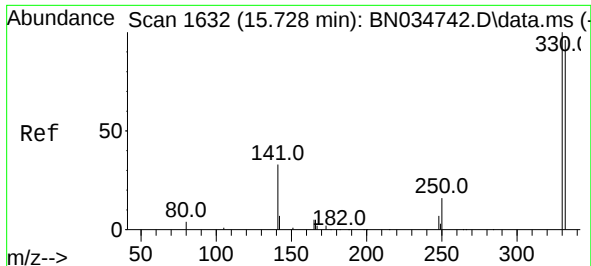
Ion Ratio Lower Upper

164 100

162 103.2 84.3 126.5

160 54.0 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.145 ng

RT: 15.716 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN034866.D

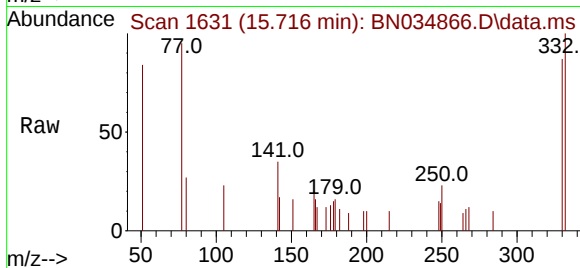
Acq: 05 Nov 2024 11:49

Instrument :

BNA_N

ClientSampleId :

VPB190-HYD-20241030RE



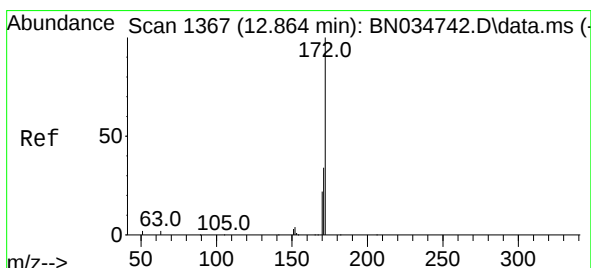
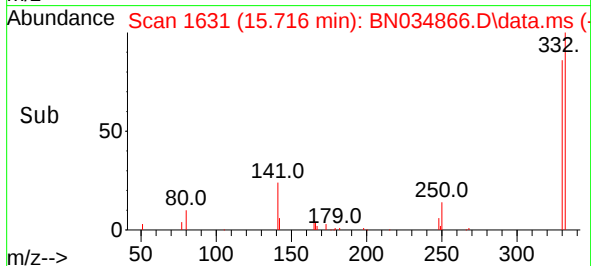
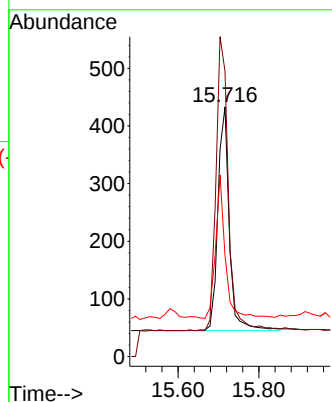
Tgt Ion:330 Resp: 760

Ion Ratio Lower Upper

330 100

332 141.1 77.8 116.6#

141 53.9 41.0 61.4



#15

2-Fluorobiphenyl

Concen: 0.411 ng

RT: 12.843 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BN034866.D

Acq: 05 Nov 2024 11:49

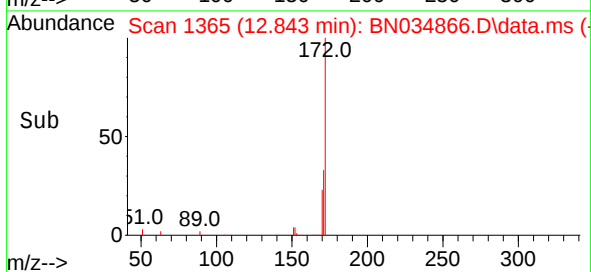
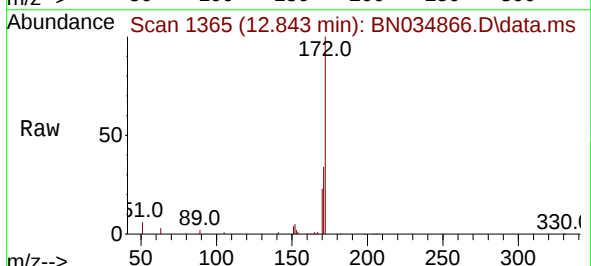
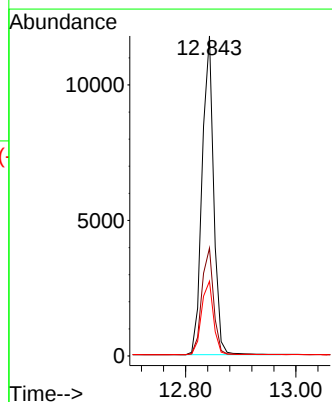
Tgt Ion:172 Resp: 17176

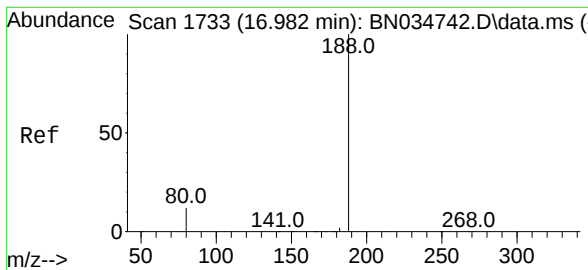
Ion Ratio Lower Upper

172 100

171 33.7 27.2 40.8

170 23.3 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.970 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN034866.D

Acq: 05 Nov 2024 11:49

Instrument :

BNA_N

ClientSampleId :

VPB190-HYD-20241030RE

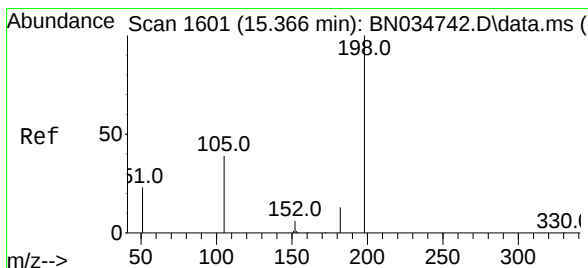
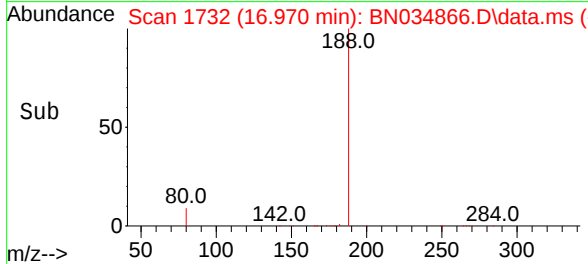
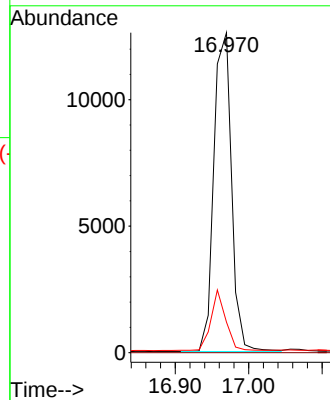
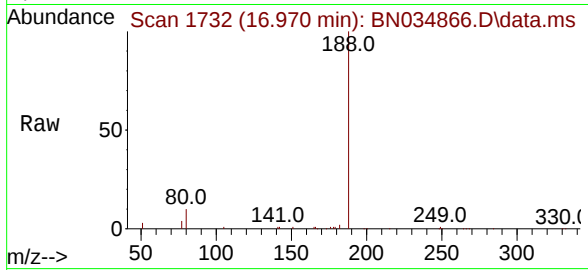
Tgt Ion:188 Resp: 21100

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 9.8 14.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.182 ng

RT: 15.345 min Scan# 1599

Delta R.T. -0.011 min

Lab File: BN034866.D

Acq: 05 Nov 2024 11:49

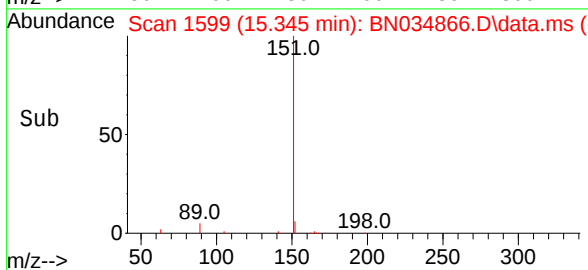
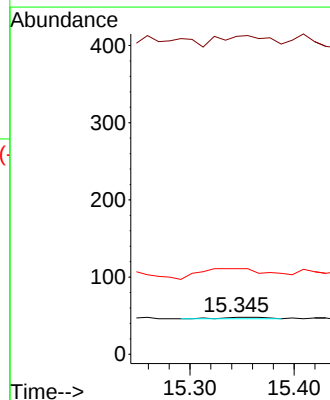
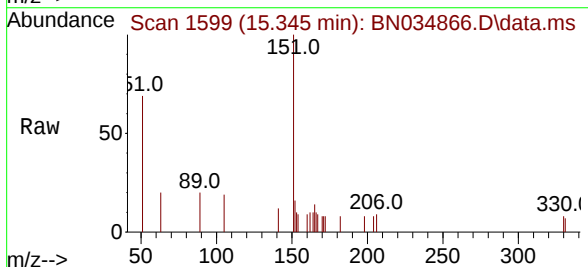
Tgt Ion:198 Resp: 6

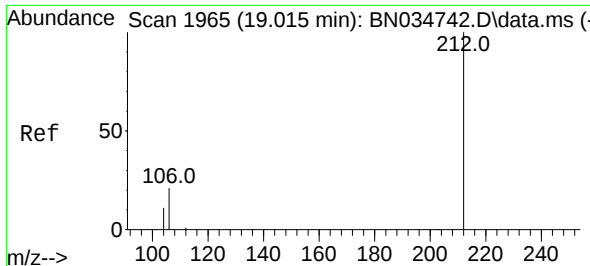
Ion Ratio Lower Upper

198 100

51 858.3 58.0 87.0#

105 231.3 49.1 73.7#

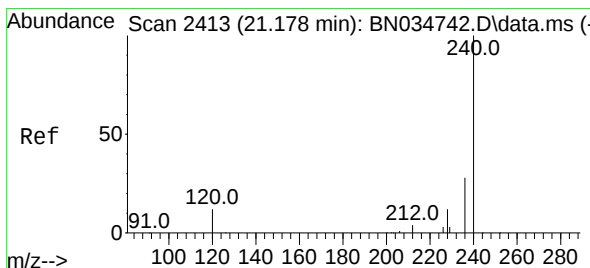
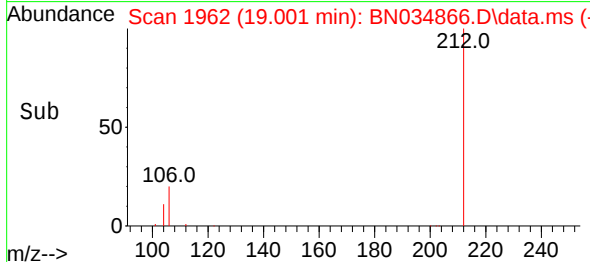
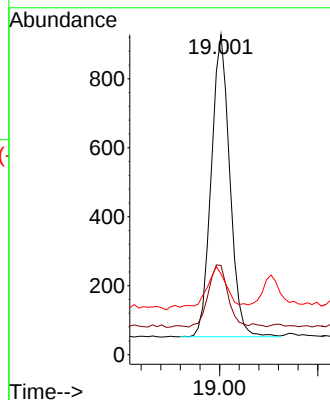
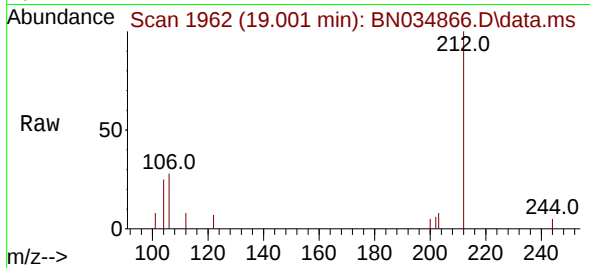




#27
Fluoranthene-d10
Concen: 0.023 ng
RT: 19.001 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

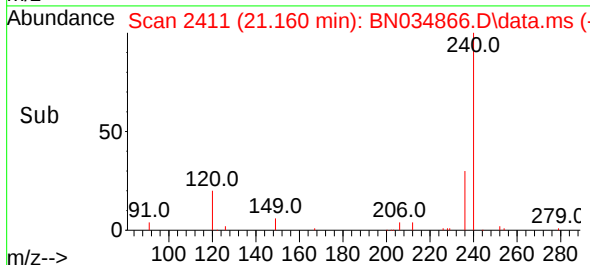
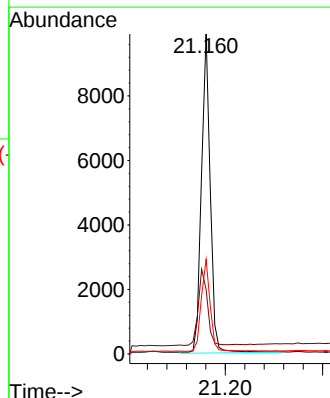
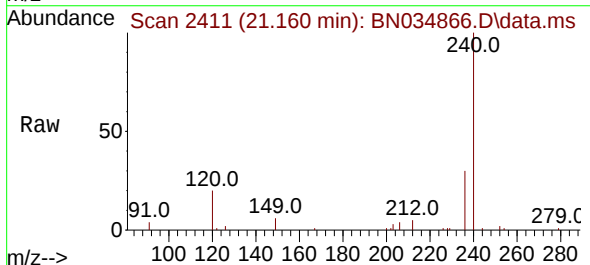
Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241030RE

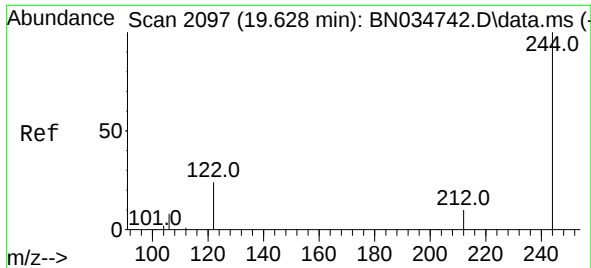
Tgt Ion:212 Resp: 1148
Ion Ratio Lower Upper
212 100
106 21.8 16.1 24.1
104 15.1 9.2 13.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

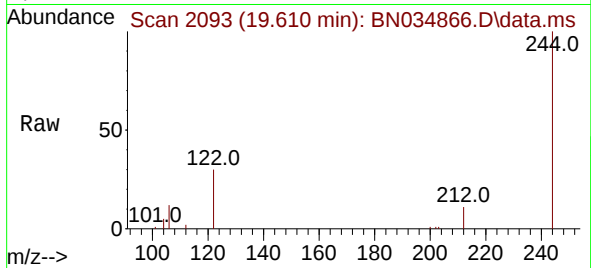
Tgt Ion:240 Resp: 12441
Ion Ratio Lower Upper
240 100
120 20.1 11.5 17.3#
236 29.6 23.2 34.8



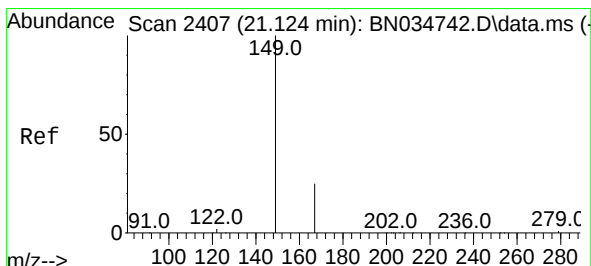
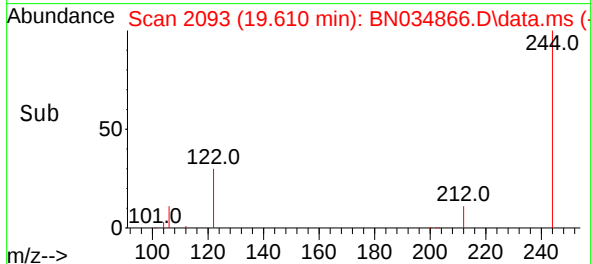
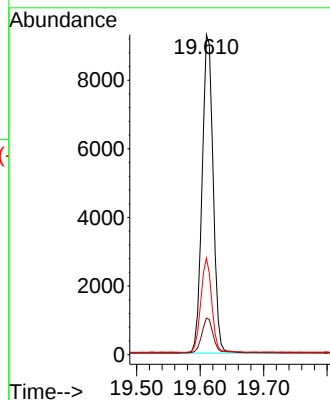


#31
Terphenyl-d14
Concen: 0.421 ng
RT: 19.610 min Scan# 2093
Delta R.T. -0.005 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241030RE

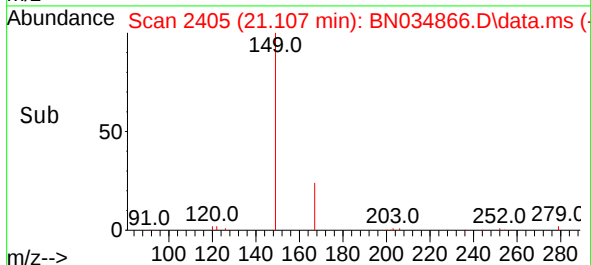
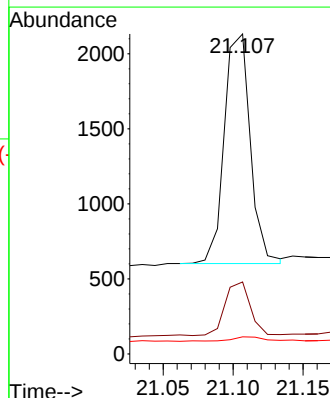
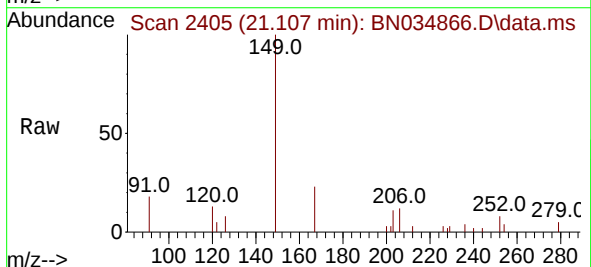


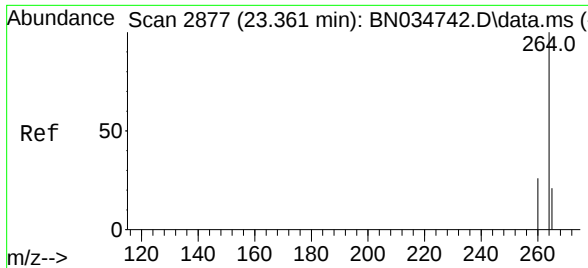
Tgt Ion:244 Resp: 11240
Ion Ratio Lower Upper
244 100
212 11.5 8.2 12.4
122 30.2 19.8 29.6#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 21.107 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN034866.D
Acq: 05 Nov 2024 11:49

Tgt Ion:149 Resp: 1982
Ion Ratio Lower Upper
149 100
167 22.6 20.6 30.8
279 2.9 1.5 2.3#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.335 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN034866.D
 Acq: 05 Nov 2024 11:49

Instrument :
 BNA_N
 ClientSampleId :
 VPB190-HYD-20241030RE

Tgt Ion:264	Resp:	8745
Ion Ratio	Lower	Upper
264	100	
260	28.0	21.5 32.3
265	68.0	47.5 71.3

