

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037195.D
 Acq On : 09 Jun 2025 17:02
 Operator : RC/JU
 Sample : Q2251-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250604

Quant Time: Jun 09 17:53:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

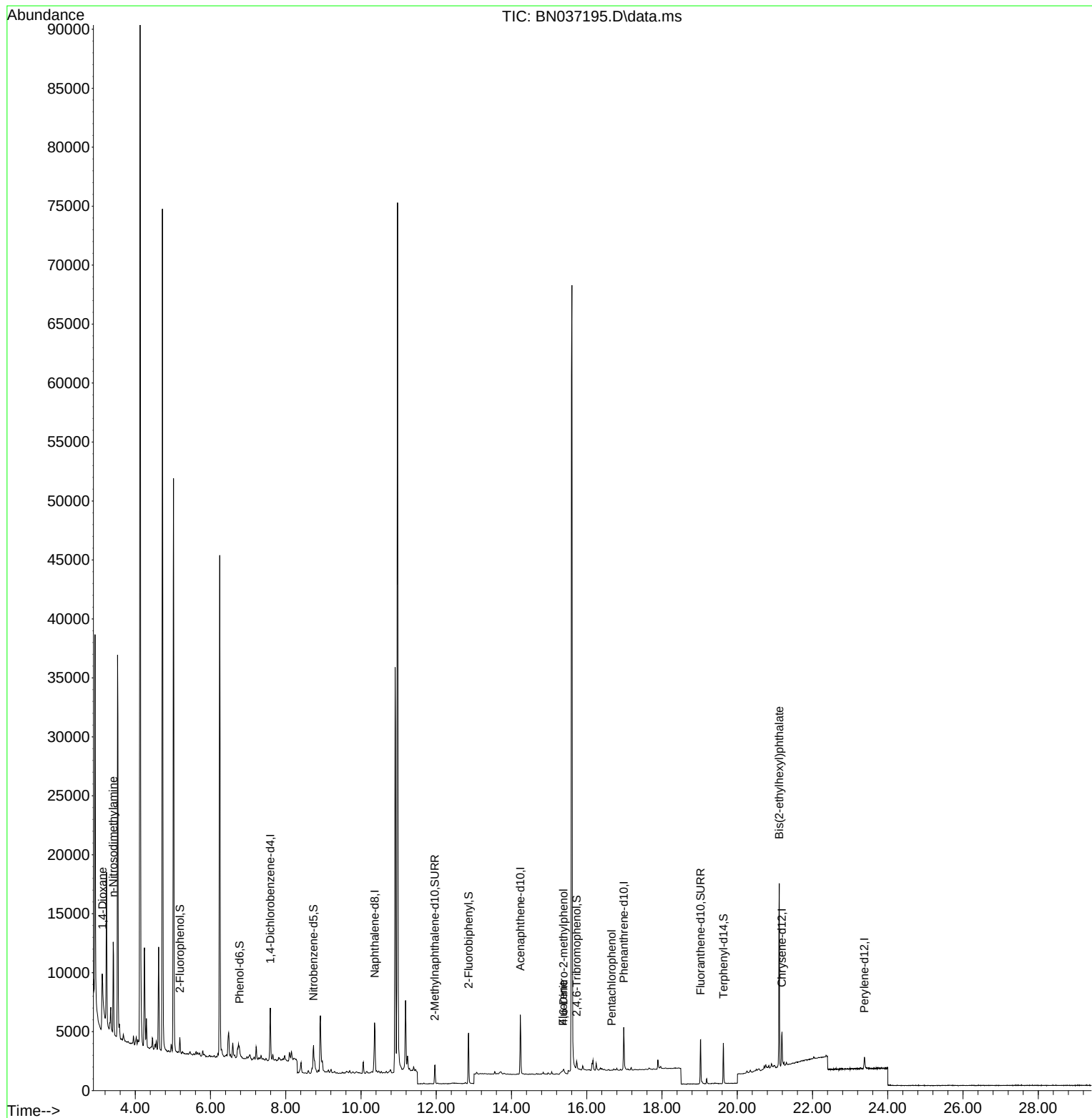
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1997	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	5202	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2686	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4836	0.400	ng	0.00
29) Chrysene-d12	21.189	240	3055	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	1312	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.185	112	880	0.178	ng	0.00
5) Phenol-d6	6.773	99	699	0.117	ng	0.00
8) Nitrobenzene-d5	8.739	82	1719	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	11.961	152	2219	0.306	ng	-0.01
14) 2,4,6-Tribromophenol	15.730	330	365	0.338	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	3748	0.327	ng	0.00
27) Fluoranthene-d10	19.026	212	4321	0.352	ng	0.00
31) Terphenyl-d14	19.630	244	3138	0.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.126	88	5707	2.144	ng	97
3) n-Nitrosodimethylamine	3.415	42	831	0.155	ng	# 19
18) Fluorene	15.368	166	1448	0.129	ng	# 7
20) 4,6-Dinitro-2-methylph...	15.379	198	1	0.275	ng	# 1
24) Pentachlorophenol	16.661	266	13	0.222	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.117	149	14225	2.039	ng	# 100

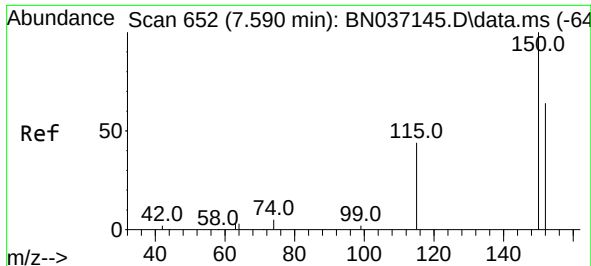
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037195.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
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BP-VPB-182-EB-20250604

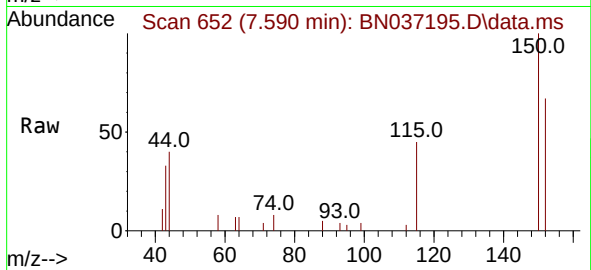
Quant Time: Jun 09 17:53:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration





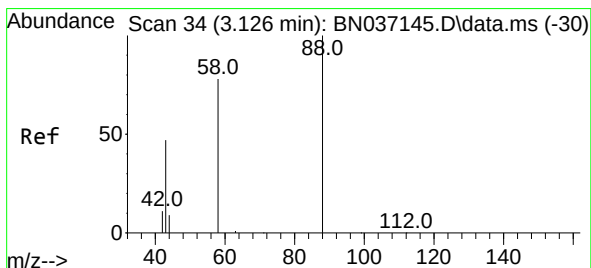
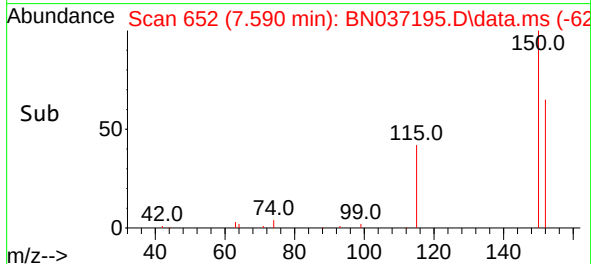
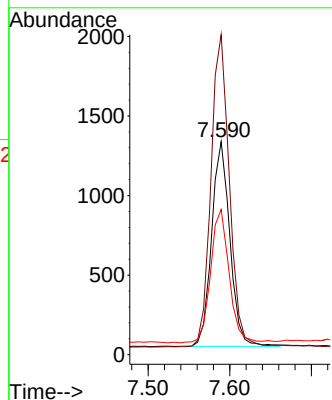
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.590 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250604



Tgt Ion:152 Resp: 1997

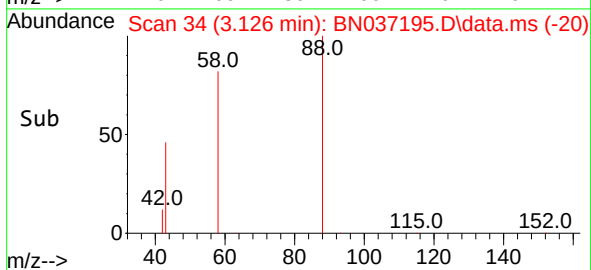
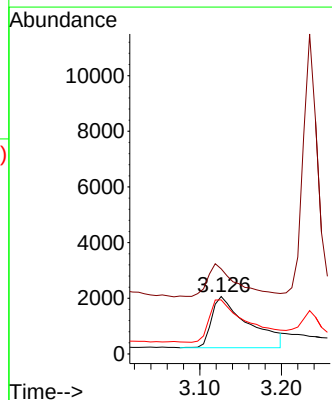
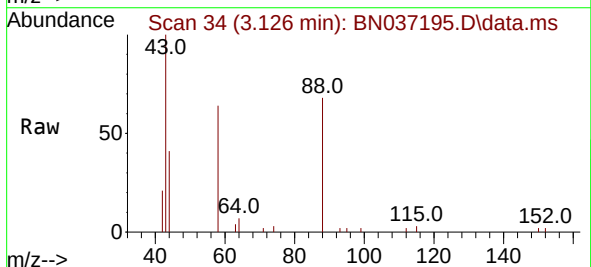
Ion	Ratio	Lower	Upper
152	100		
150	150.2	123.2	184.8
115	68.2	56.6	85.0

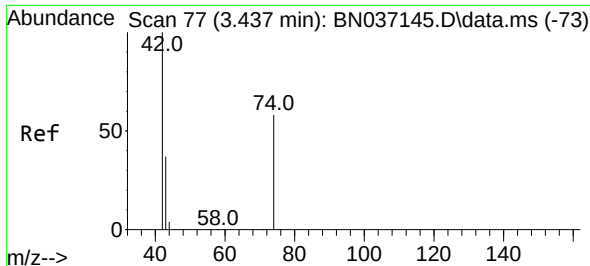


#2
 1,4-Dioxane
 Concen: 2.144 ng
 RT: 3.126 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

Tgt Ion: 88 Resp: 5707

Ion	Ratio	Lower	Upper
88	100		
43	51.6	43.5	65.3
58	87.3	67.7	101.5

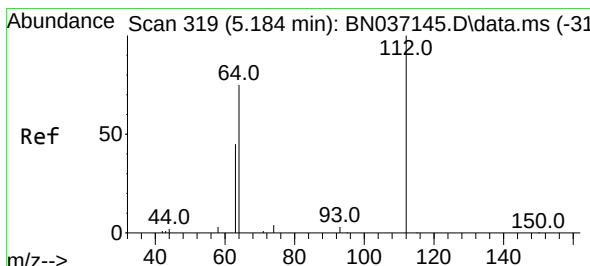
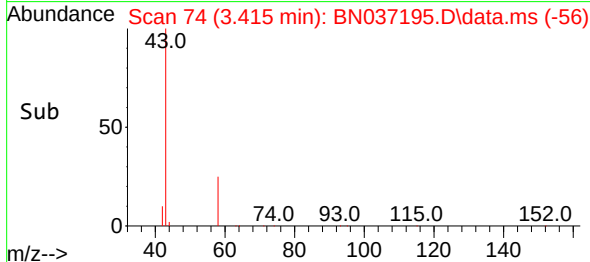
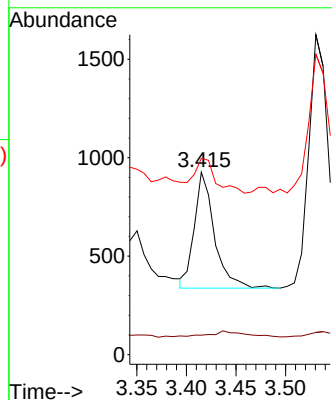
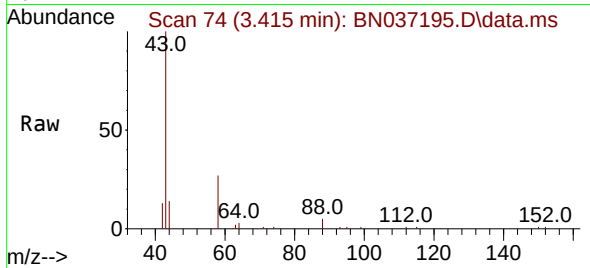




#3
n-Nitrosodimethylamine
Concen: 0.155 ng
RT: 3.415 min Scan# 74
Delta R.T. -0.022 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

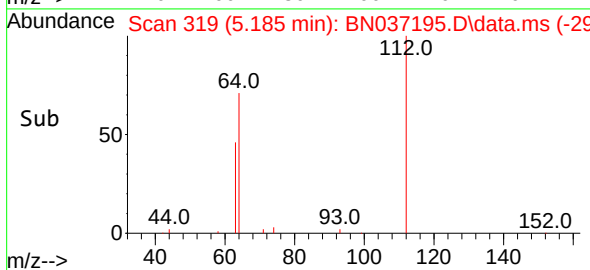
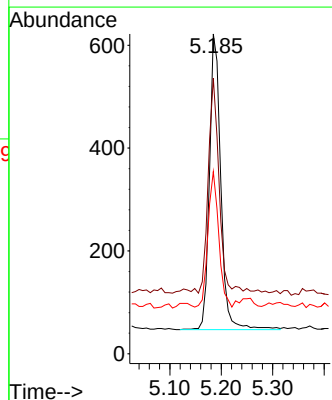
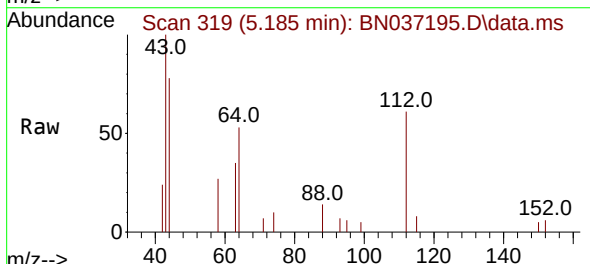
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250604

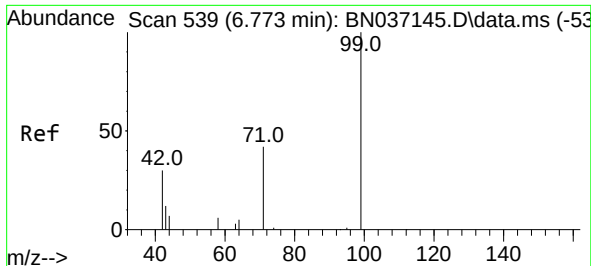
Tgt Ion: 42 Resp: 831
Ion Ratio Lower Upper
42 100
74 0.0 53.0 79.4#
44 30.3 5.9 8.9#



#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.185 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

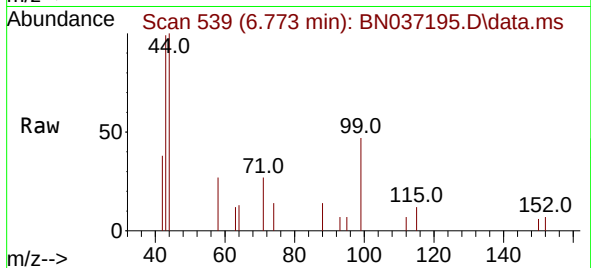
Tgt Ion: 112 Resp: 880
Ion Ratio Lower Upper
112 100
64 67.5 56.3 84.5
63 43.6 36.2 54.4



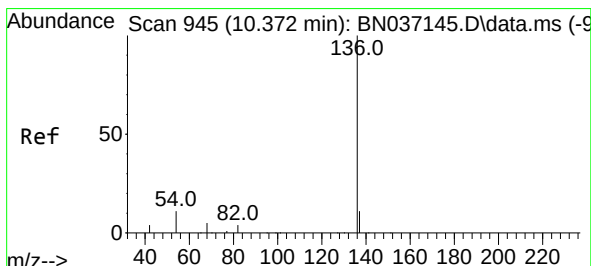
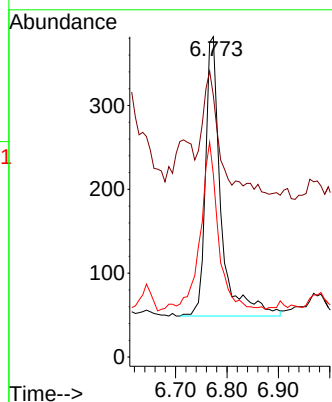
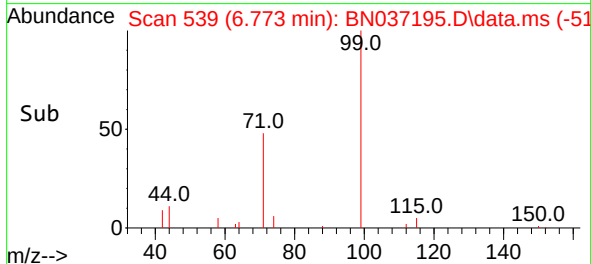


#5
Phenol-d6
Concen: 0.117 ng
RT: 6.773 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

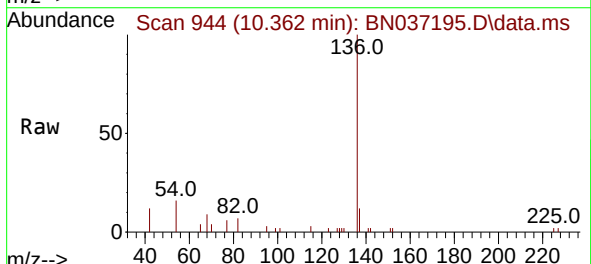
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250604



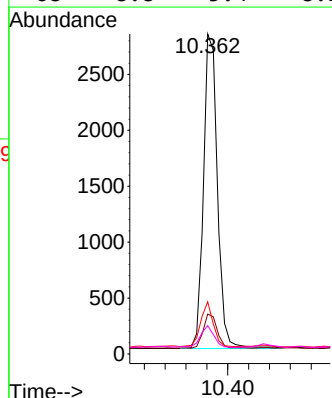
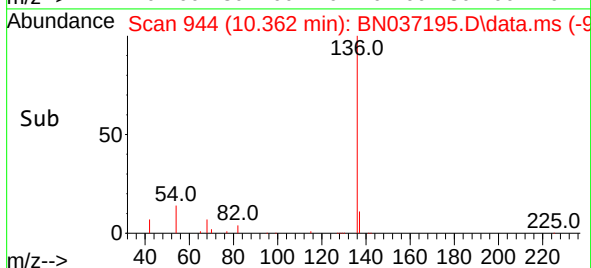
Tgt Ion: 99 Resp: 699
Ion Ratio Lower Upper
99 100
42 36.8 31.3 46.9
71 68.7 38.2 57.2#

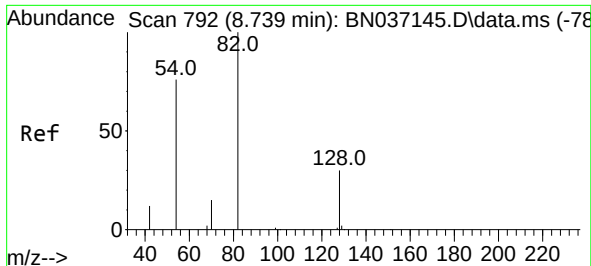


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02



Tgt Ion: 136 Resp: 5202
Ion Ratio Lower Upper
136 100
137 12.4 9.7 14.5
54 16.3 9.7 14.5#
68 8.8 5.4 8.2#

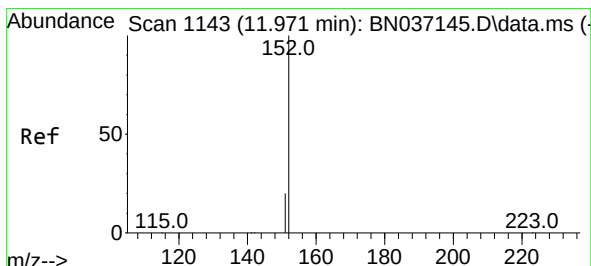
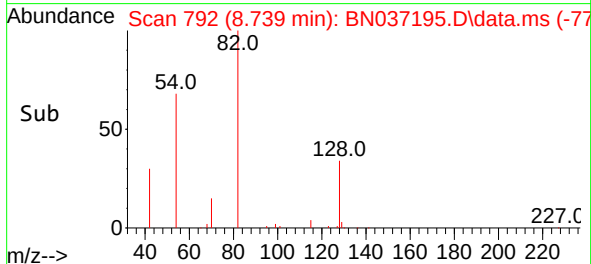
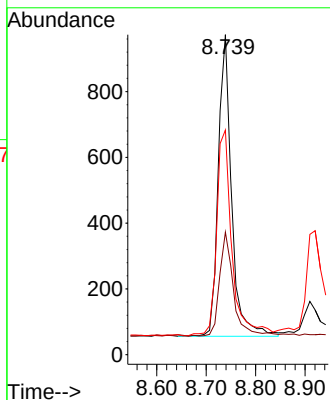
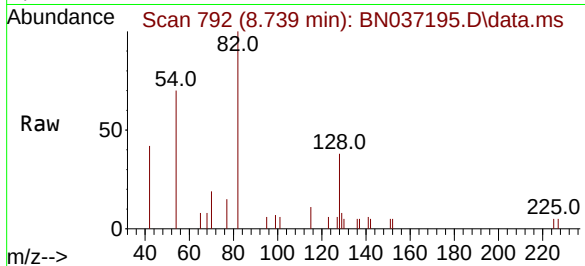




#8
 Nitrobenzene-d5
 Concen: 0.313 ng
 RT: 8.739 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

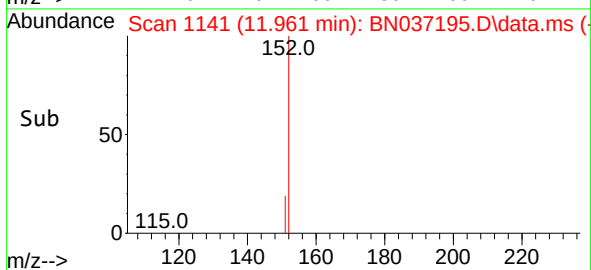
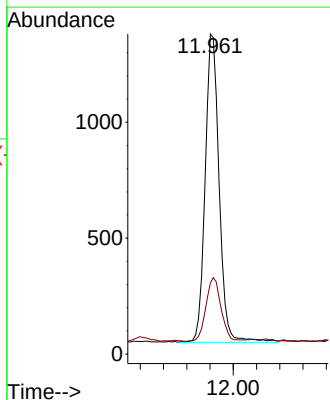
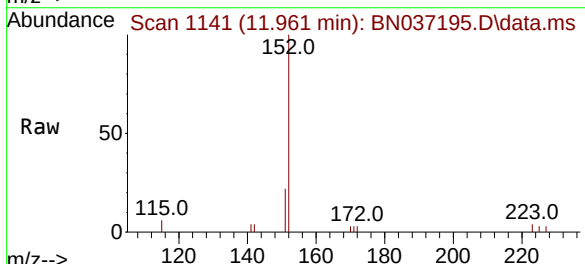
Instrument :
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 ClientSampleId :
 BP-VPB-182-EB-20250604

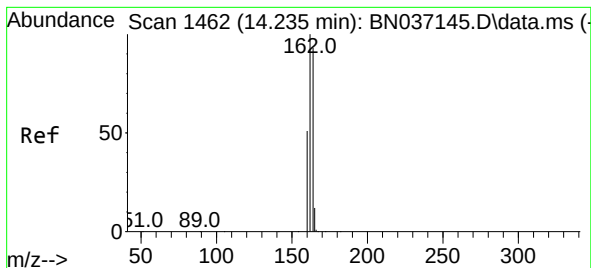
Tgt Ion:	82	Resp:	1719
Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.9	40.3
54	70.2	61.4	92.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.306 ng
 RT: 11.961 min Scan# 1141
 Delta R.T. -0.010 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

Tgt Ion:	152	Resp:	2219
Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.1	25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.235 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN037195.D

Acq: 09 Jun 2025 17:02

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-EB-20250604

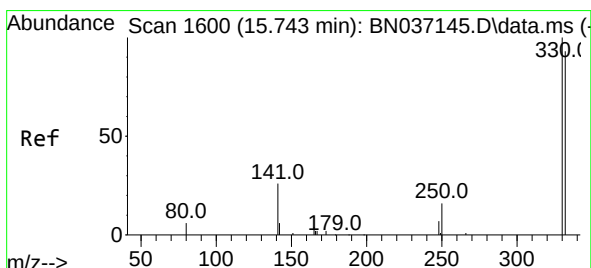
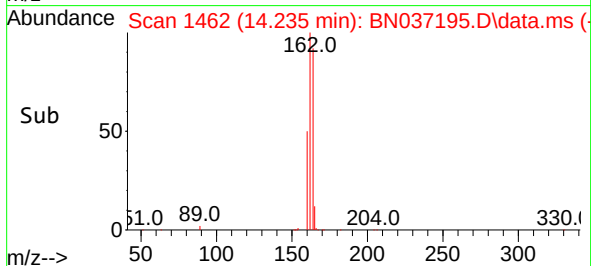
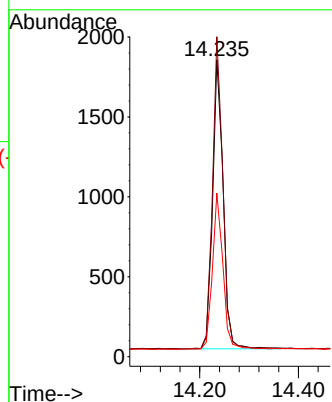
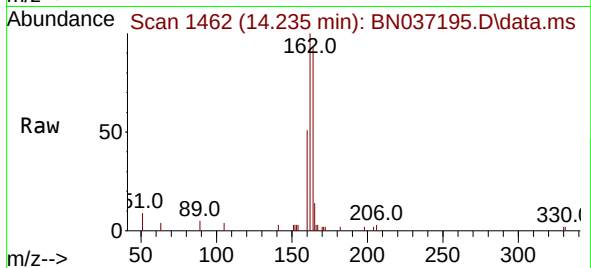
Tgt Ion:164 Resp: 2686

Ion Ratio Lower Upper

164 100

162 107.8 85.5 128.3

160 55.1 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.338 ng

RT: 15.730 min Scan# 1599

Delta R.T. -0.012 min

Lab File: BN037195.D

Acq: 09 Jun 2025 17:02

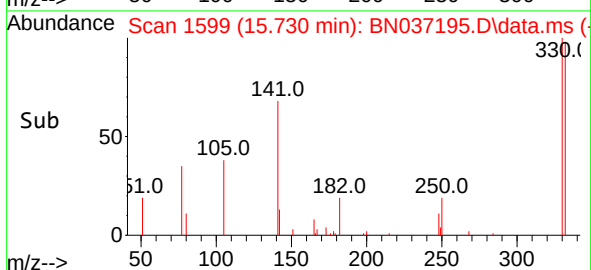
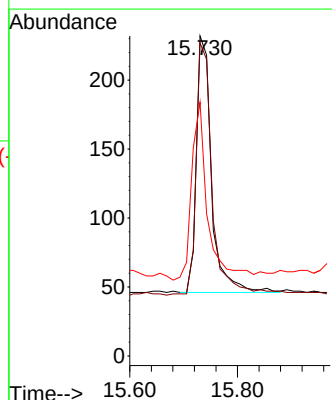
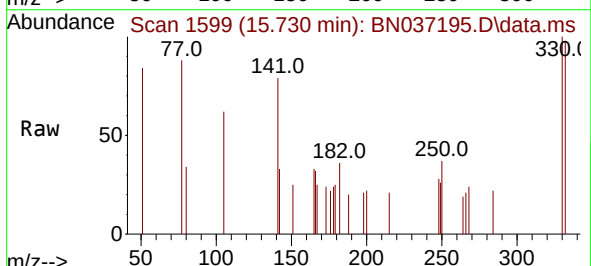
Tgt Ion:330 Resp: 365

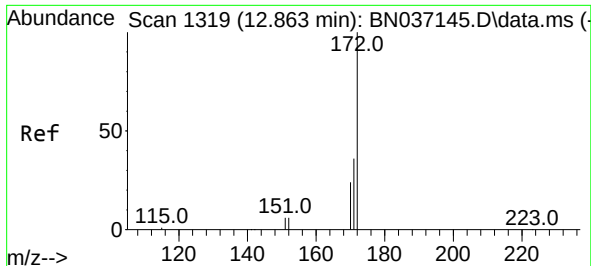
Ion Ratio Lower Upper

330 100

332 105.2 77.1 115.7

141 72.9 46.4 69.6#

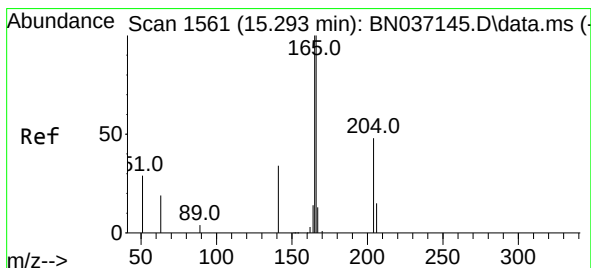
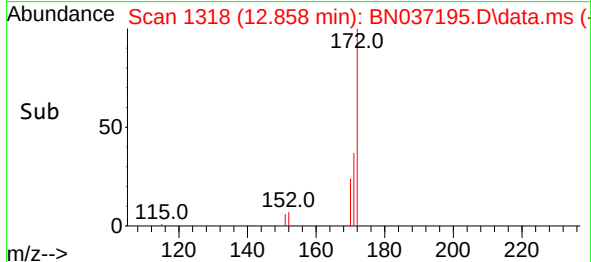
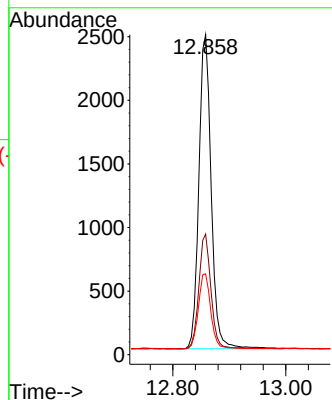
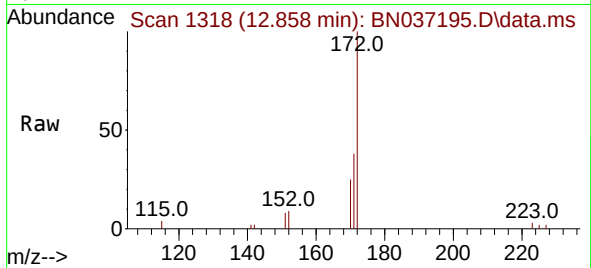




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

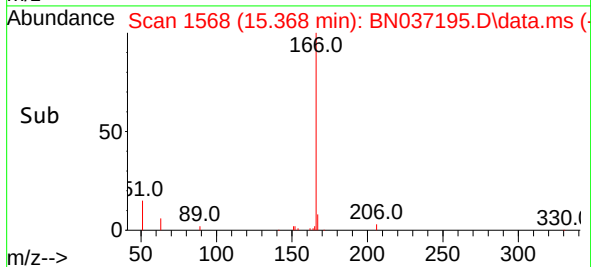
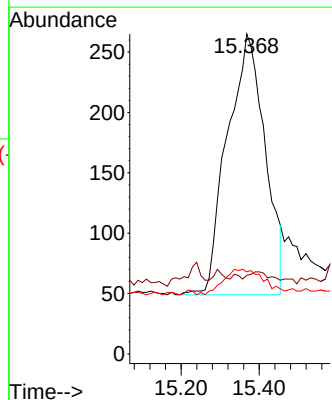
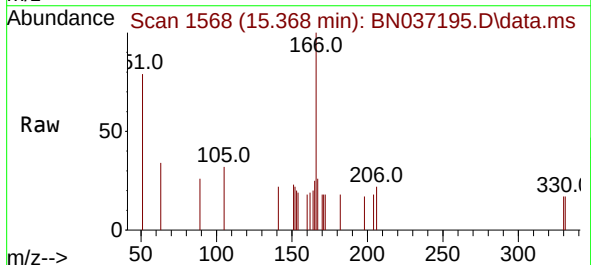
Instrument :
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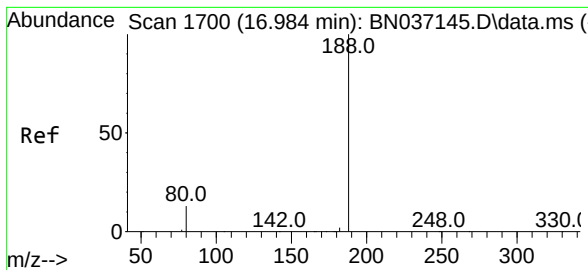
Tgt Ion:172	Resp:	3748	
Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	25.3	20.3	30.5



#18
Fluorene
Concen: 0.129 ng
RT: 15.368 min Scan# 1568
Delta R.T. 0.075 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Tgt Ion:166	Resp:	1448	
Ion	Ratio	Lower	Upper
166	100		
165	0.0	81.1	121.7#
167	0.0	10.8	16.2#

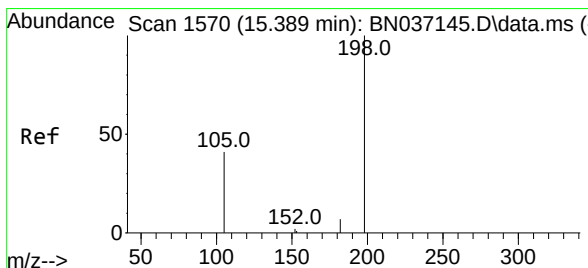
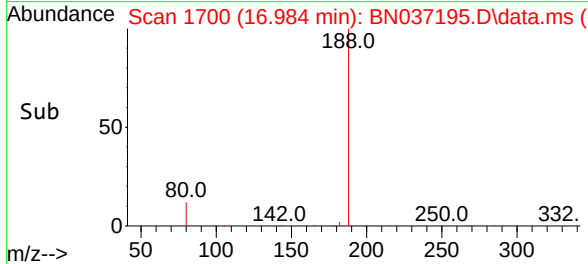
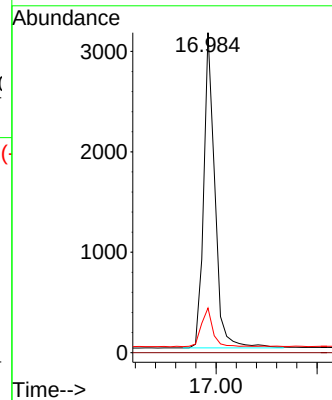
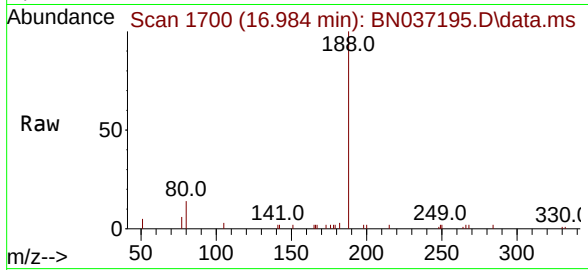




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

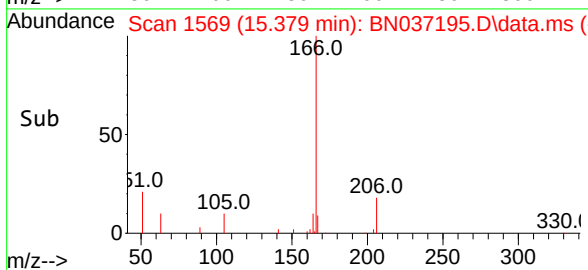
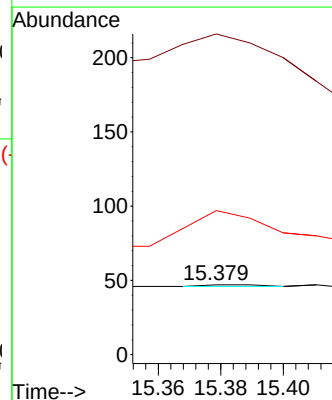
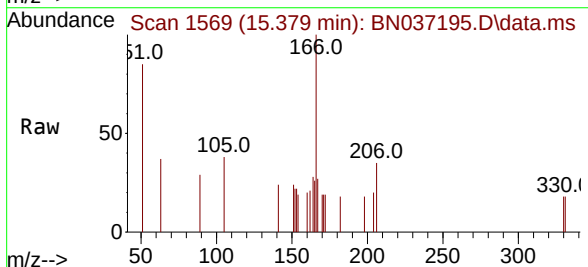
Instrument :
BNA_N
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BP-VPB-182-EB-20250604

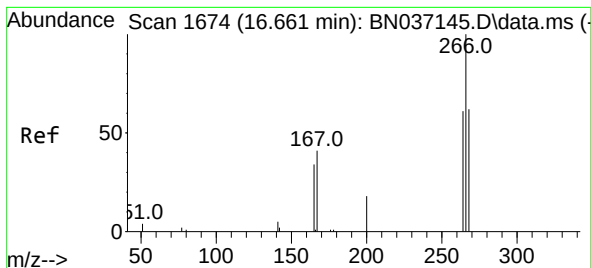
Tgt Ion:188 Resp: 4836
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 11.3 16.9



#20
4,6-Dinitro-2-methylphenol
Concen: 0.275 ng
RT: 15.379 min Scan# 1569
Delta R.T. -0.010 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 459.6 125.2 187.8#
105 206.4 57.1 85.7#





#24

Pentachlorophenol

Concen: 0.222 ng

RT: 16.661 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037195.D

Acq: 09 Jun 2025 17:02

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-EB-20250604

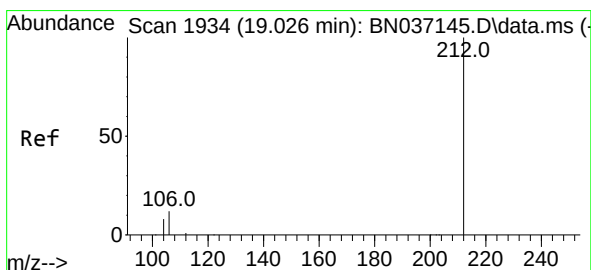
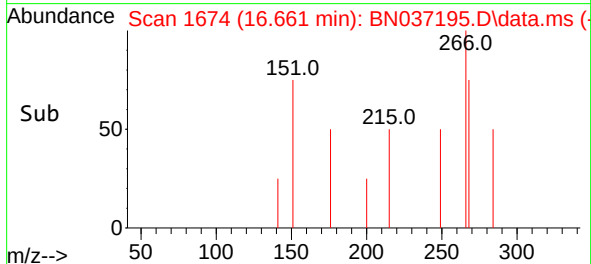
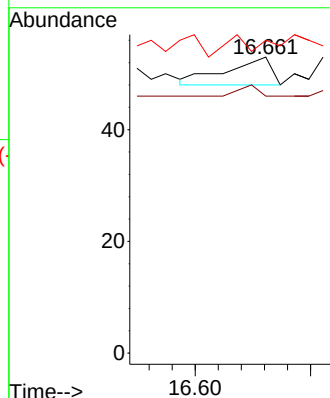
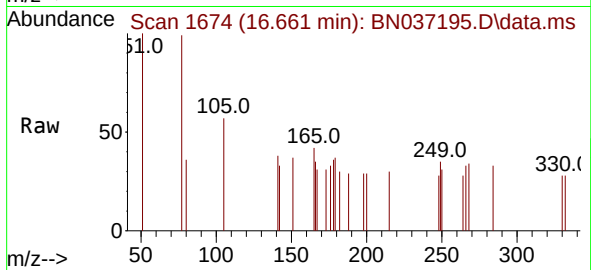
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 46.2 49.3 73.9#

268 0.0 49.0 73.4#



#27

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.026 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BN037195.D

Acq: 09 Jun 2025 17:02

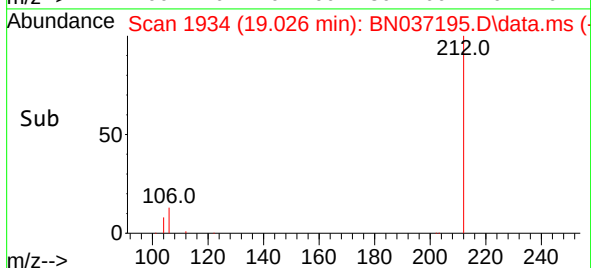
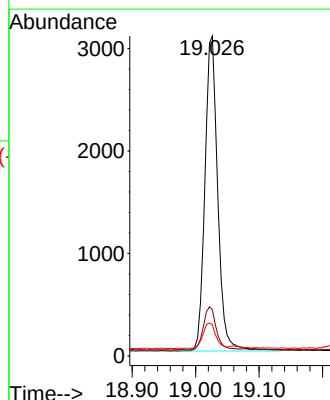
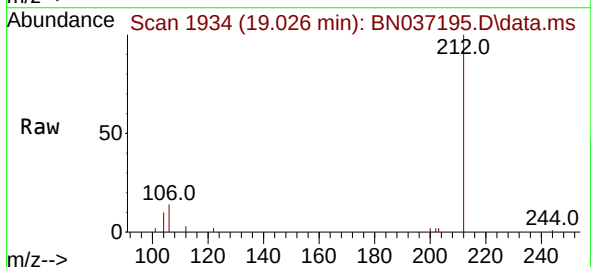
Tgt Ion:212 Resp: 4321

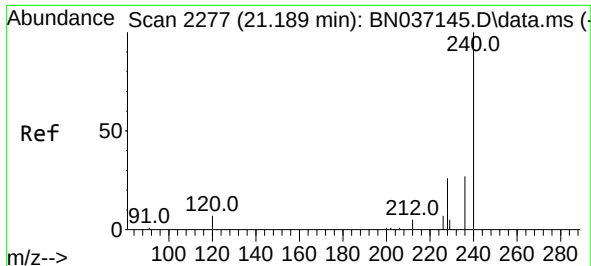
Ion Ratio Lower Upper

212 100

106 13.7 10.6 15.8

104 8.0 6.6 9.8

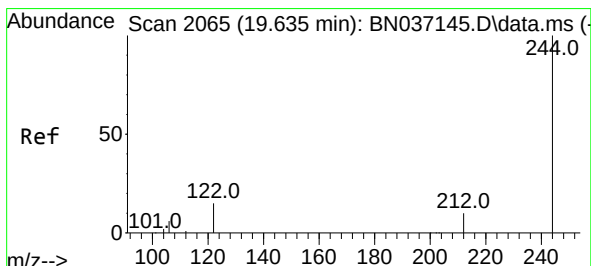
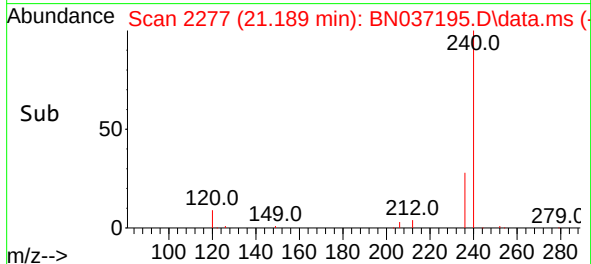
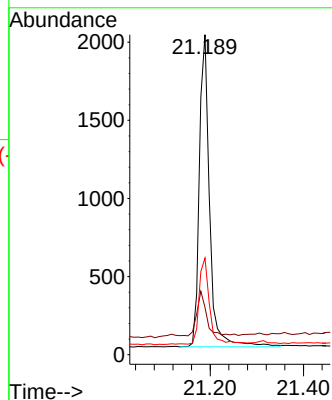
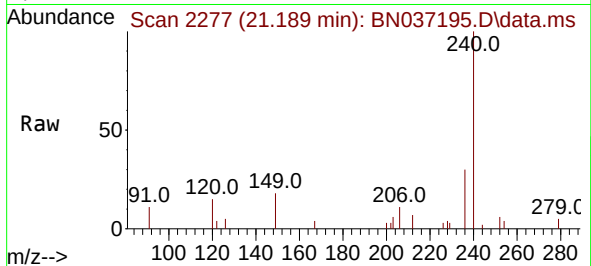




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

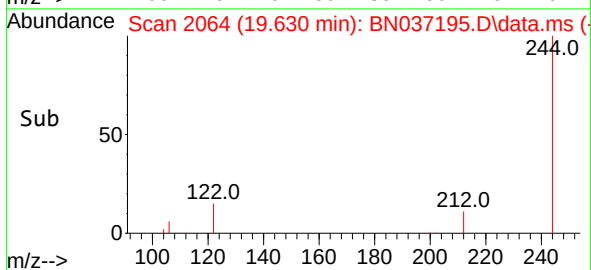
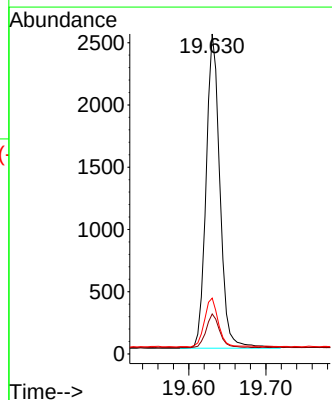
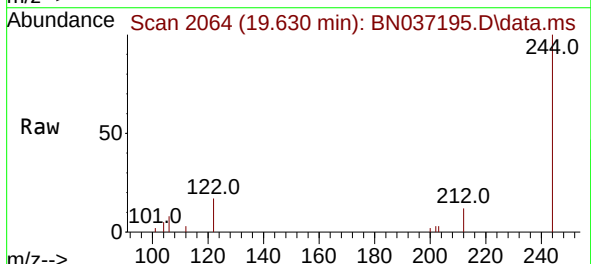
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250604

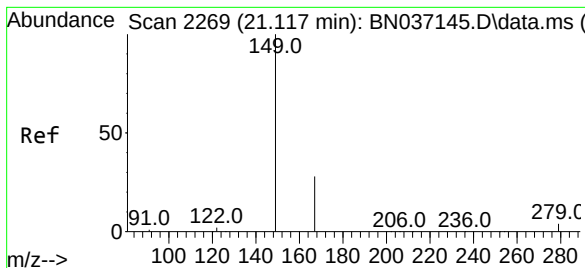
Tgt Ion:240 Resp: 3055
Ion Ratio Lower Upper
240 100
120 14.7 9.0 13.4#
236 30.2 23.0 34.4



#31
Terphenyl-d14
Concen: 0.436 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Tgt Ion:244 Resp: 3138
Ion Ratio Lower Upper
244 100
212 12.5 10.0 15.0
122 17.4 13.2 19.8

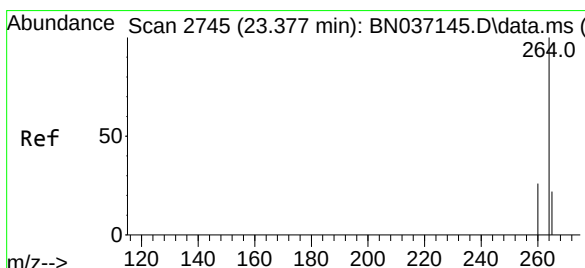
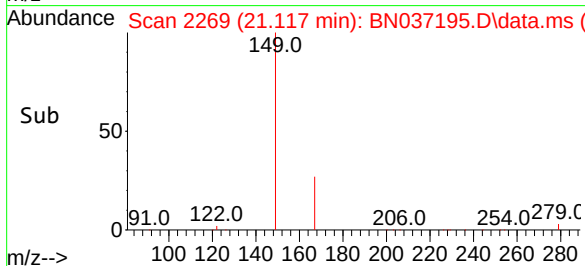
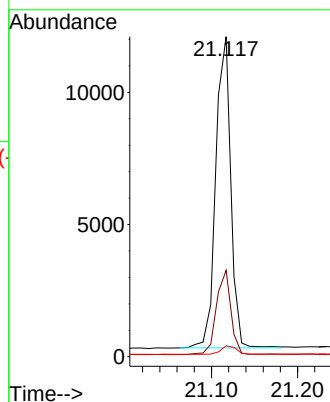
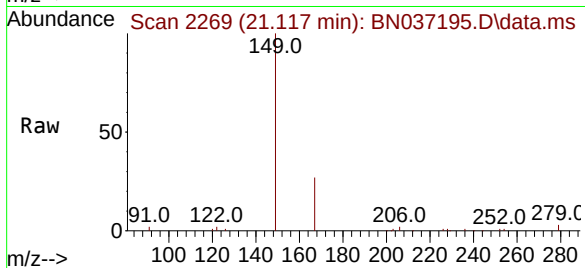




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.039 ng
 RT: 21.117 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250604

Tgt Ion:149 Resp: 14225
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.8 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.380 min Scan# 2746
 Delta R.T. 0.003 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

Tgt Ion:264 Resp: 1312
 Ion Ratio Lower Upper
 264 100
 260 33.5 22.1 33.1#
 265 162.3 55.8 83.8#

