

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

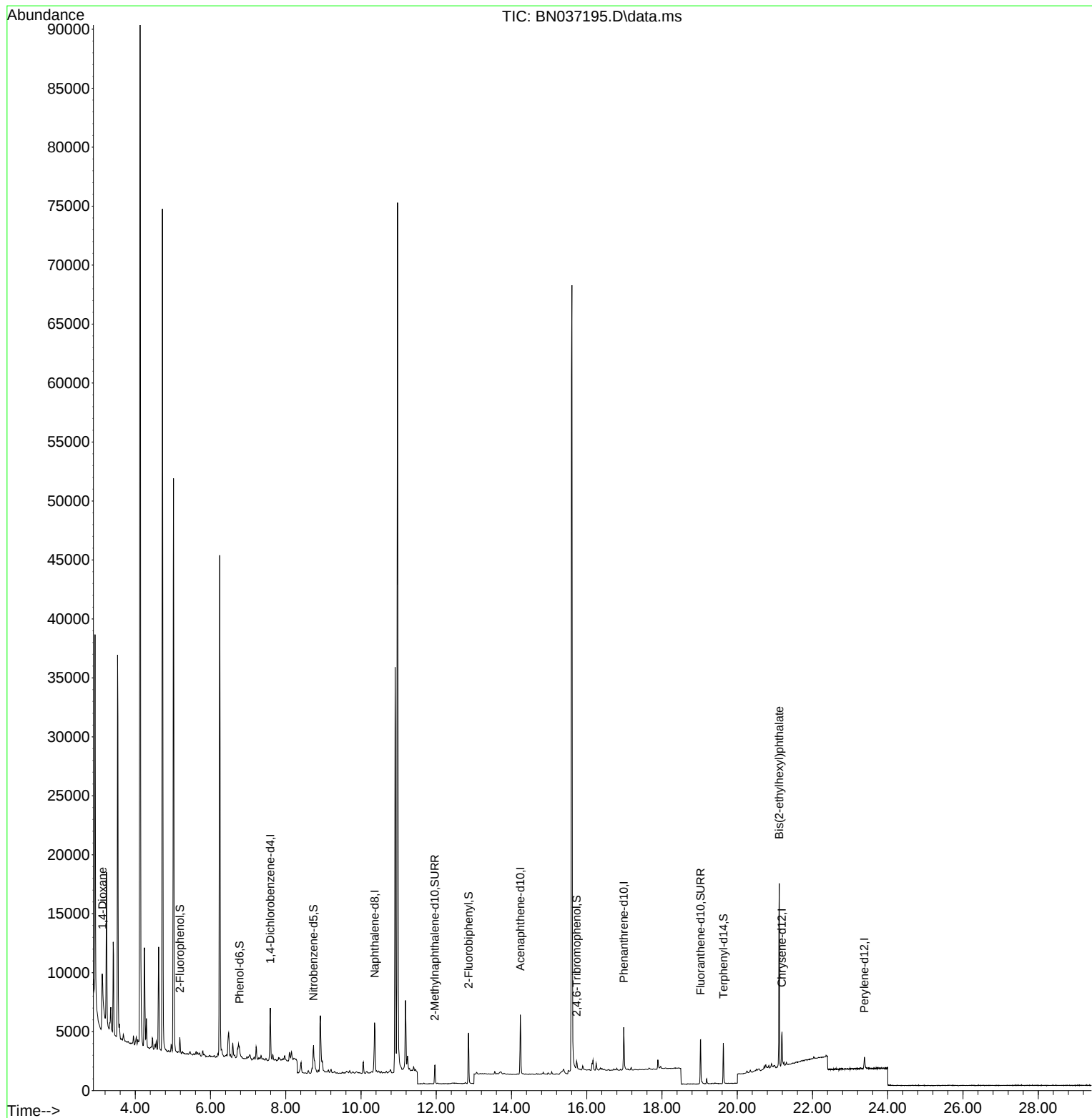
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1997	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	5202	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2686	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4836	0.400	ng	0.00
29) Chrysene-d12	21.189	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						
2) 1,4-Dioxane	3.126	88	5707	2.144	ng	97
34) Bis(2-ethylhexyl)phtha...	21.117	149	14225	2.039	ng	# 100

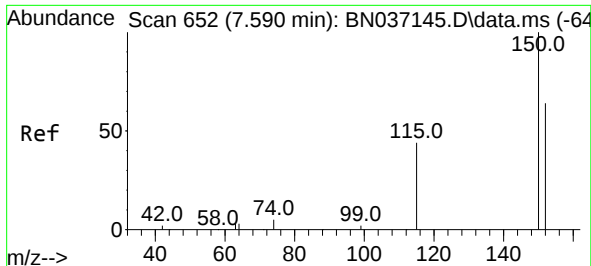
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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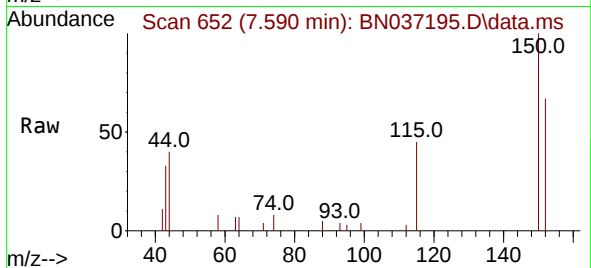
Quant Time: Jun 09 17:53:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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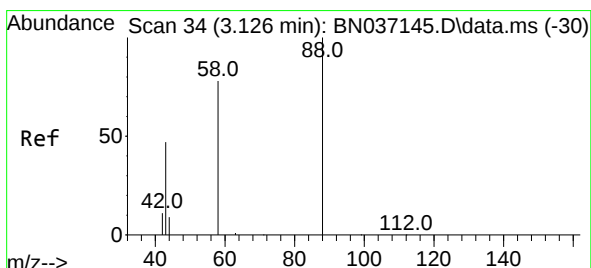
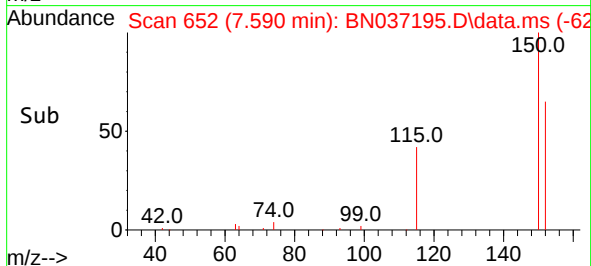
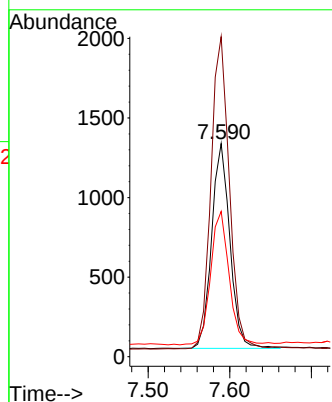
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.590 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

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



Tgt Ion:152 Resp: 1997

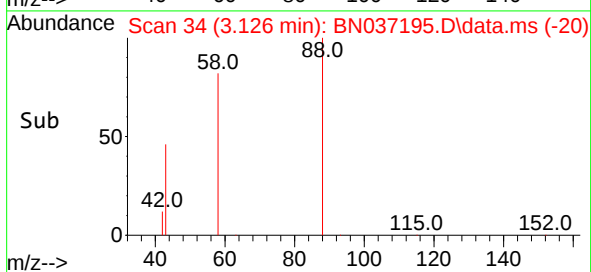
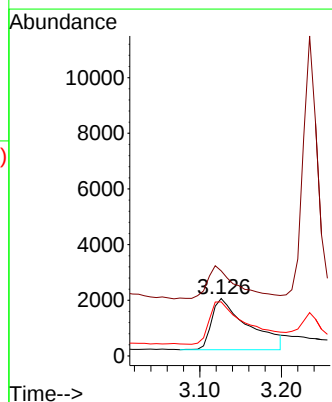
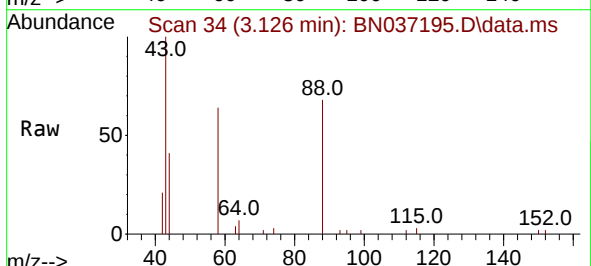
Ion	Ratio	Lower	Upper
152	100		
150	150.2	123.2	184.8
115	68.2	56.6	85.0

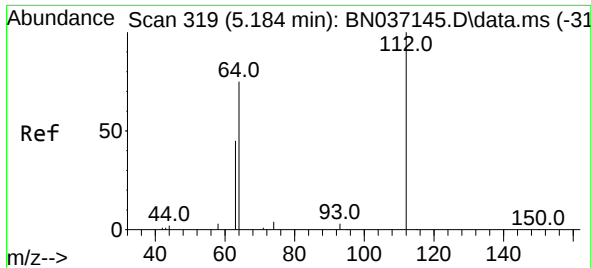


#2
 1,4-Dioxane
 Concen: 2.144 ng
 RT: 3.126 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

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





#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

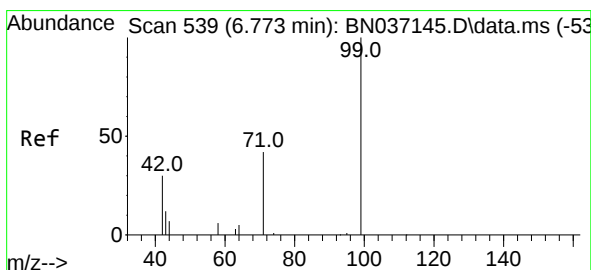
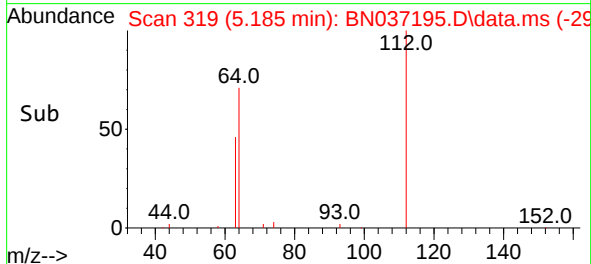
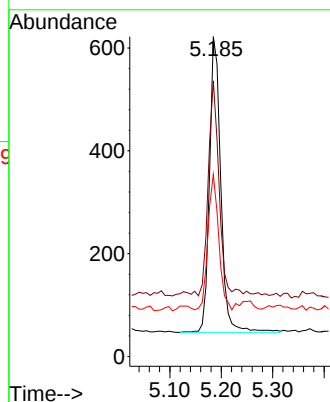
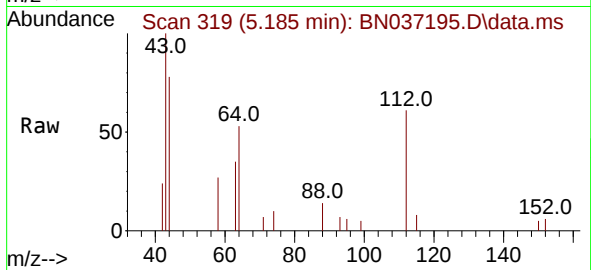
Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-EB-20250604

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

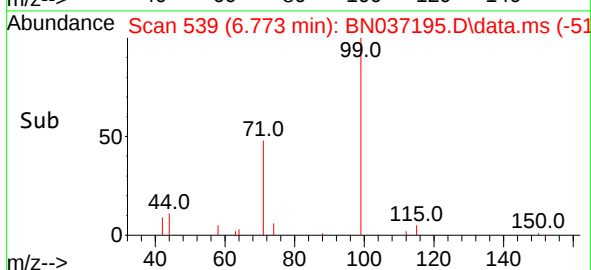
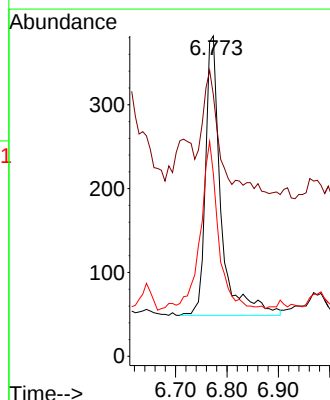
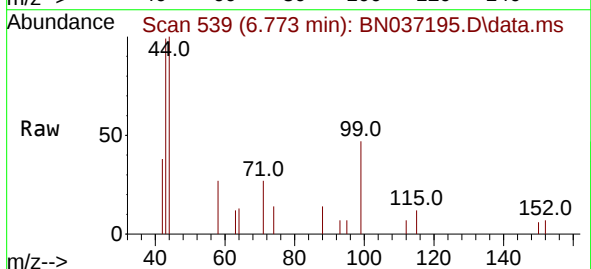
RT: 6.773 min Scan# 539

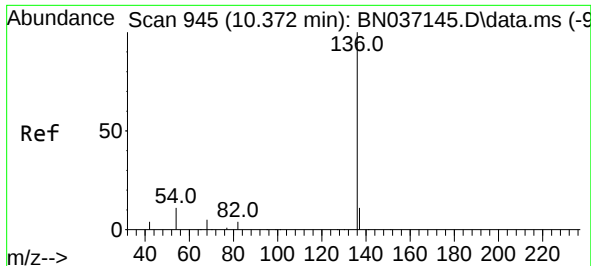
Delta R.T. 0.000 min

Lab File: BN037195.D

Acq: 09 Jun 2025 17:02

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

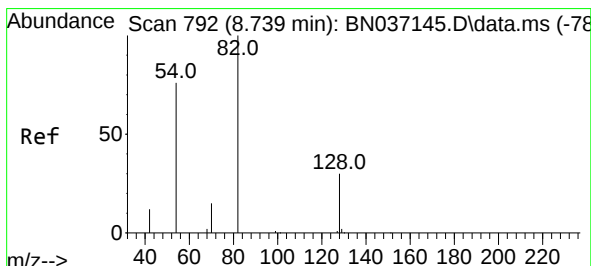
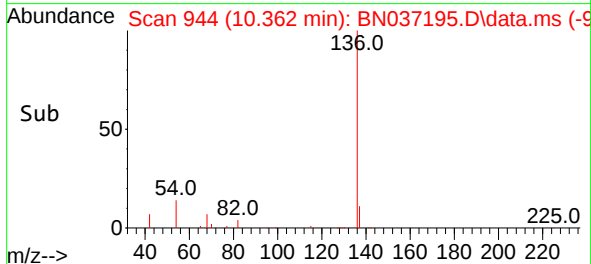
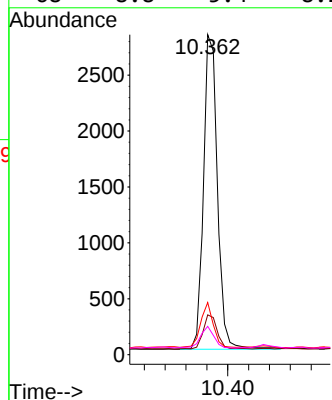
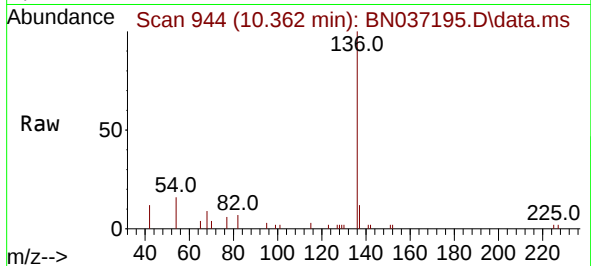




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

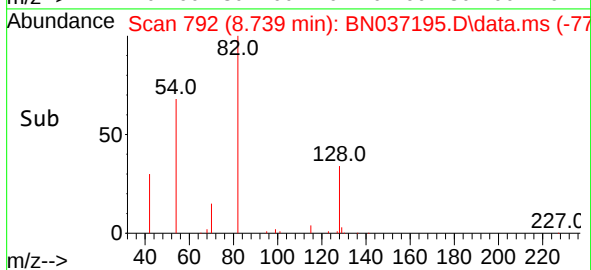
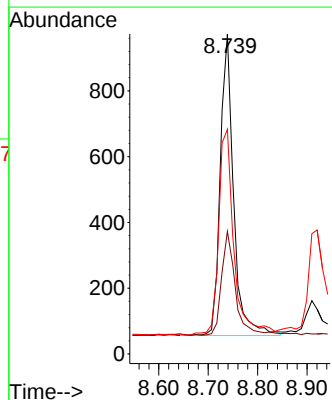
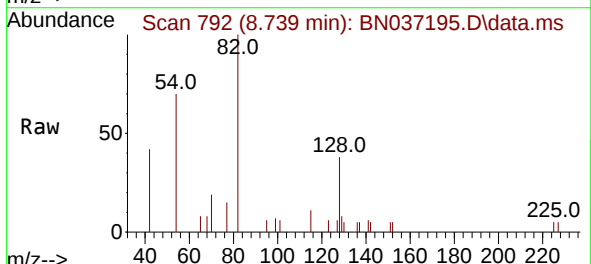
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250604

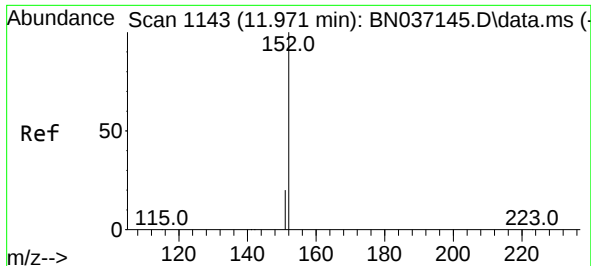
Tgt Ion:	136	Resp:	5202
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	16.3	9.7	14.5#
68	8.8	5.4	8.2#



#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

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

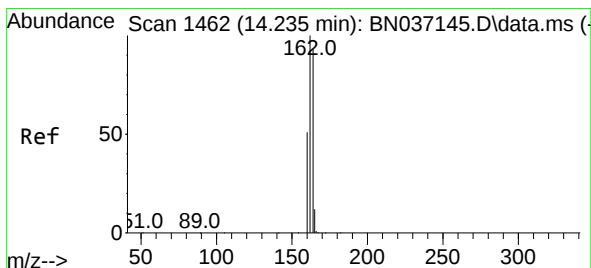
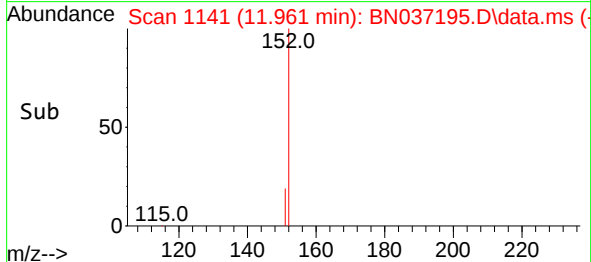
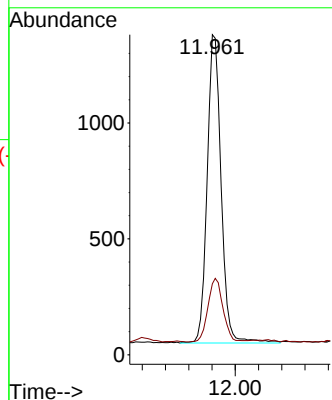
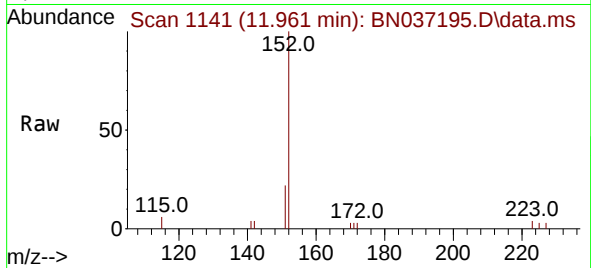




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 11.961 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

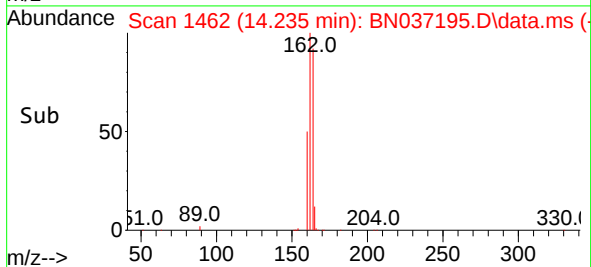
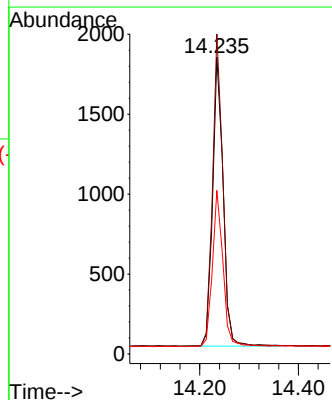
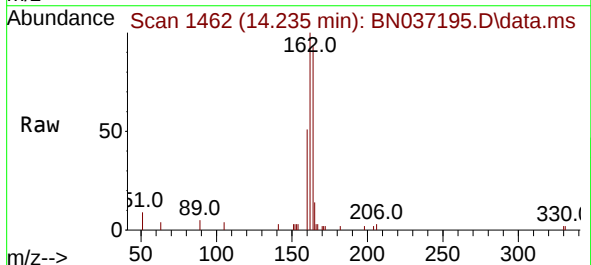
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250604

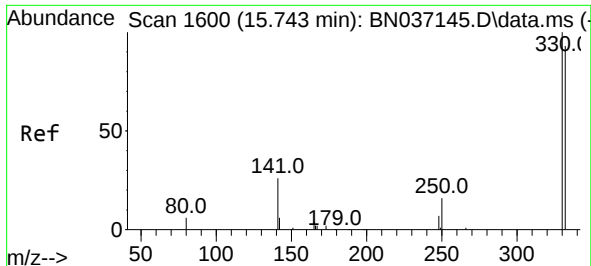
Tgt Ion:152 Resp: 2219
Ion Ratio Lower Upper
152 100
151 22.4 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

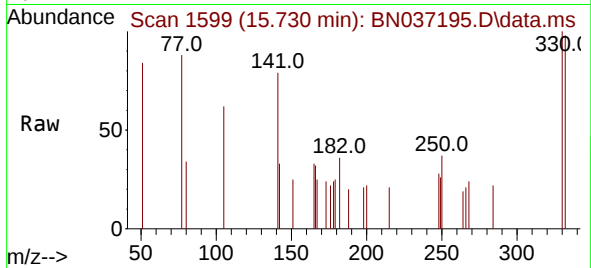
Tgt Ion:164 Resp: 2686
Ion Ratio Lower Upper
164 100
162 107.8 85.5 128.3
160 55.1 44.6 67.0



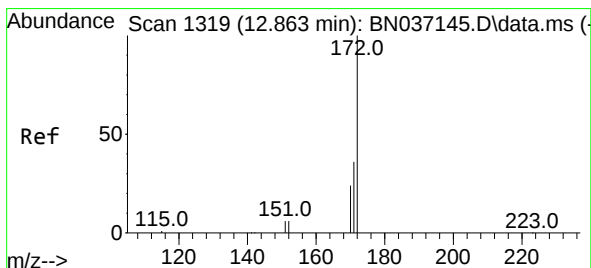
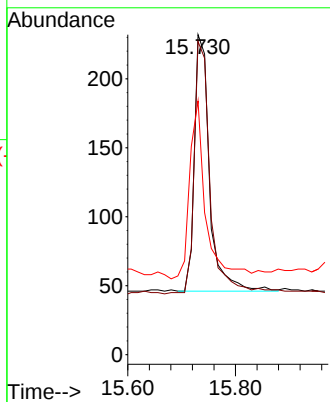
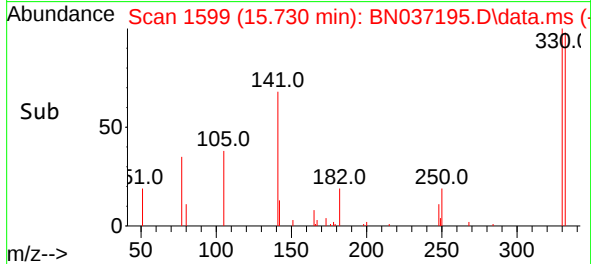


#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

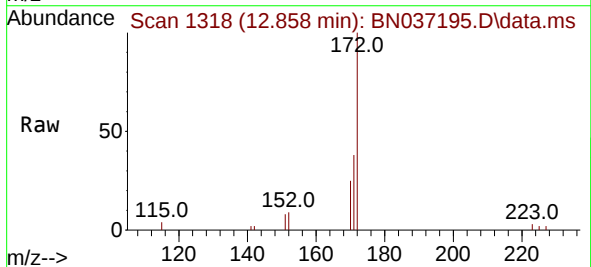
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ClientSampleId :
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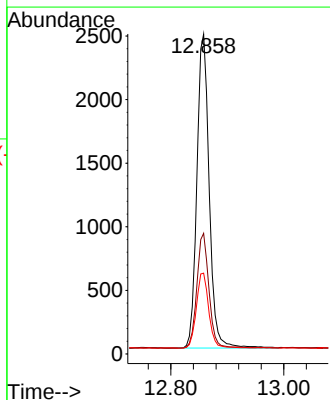
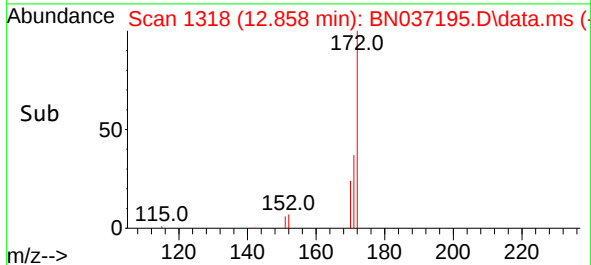
Tgt Ion:330 Resp: 365
Ion Ratio Lower Upper
330 100
332 105.2 77.1 115.7
141 72.9 46.4 69.6#

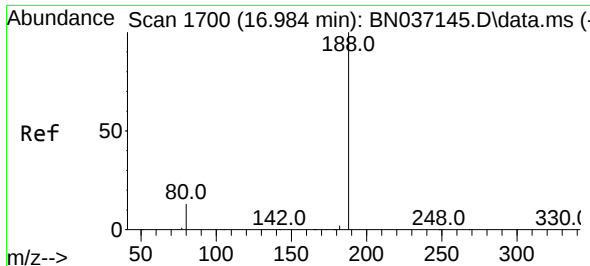


#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02



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

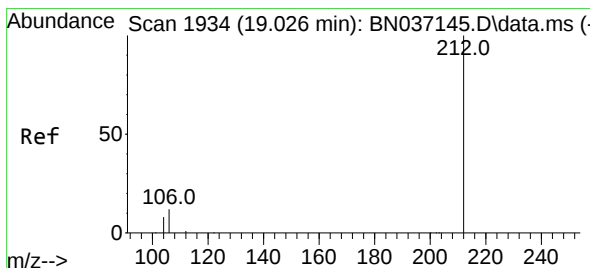
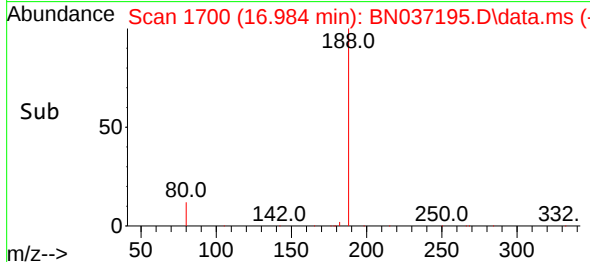
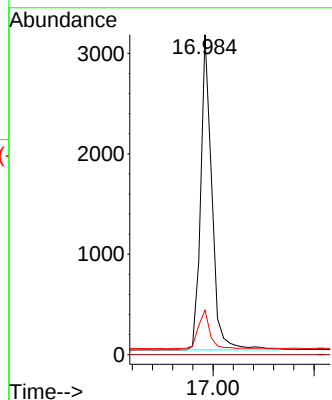
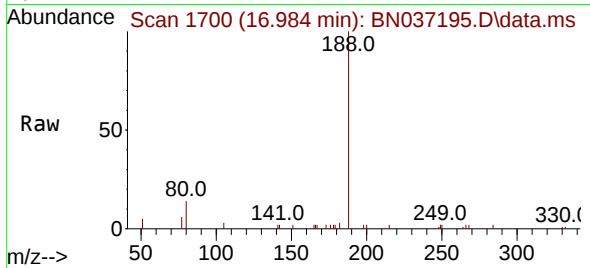




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

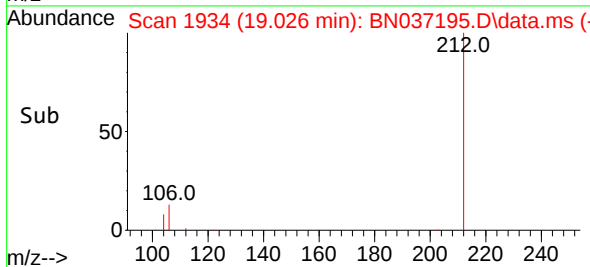
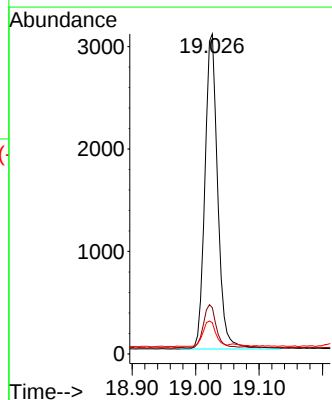
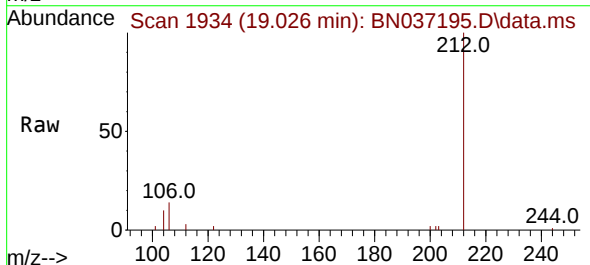
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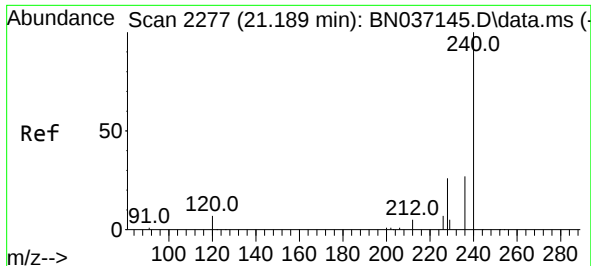
Tgt Ion:188 Resp: 4836
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 11.3 16.9



#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

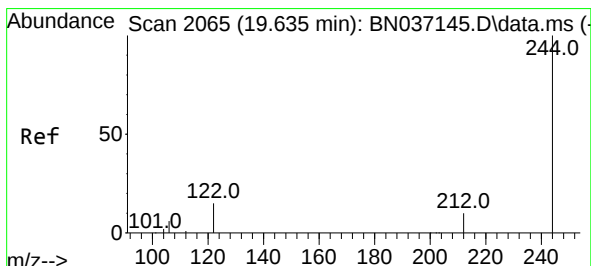
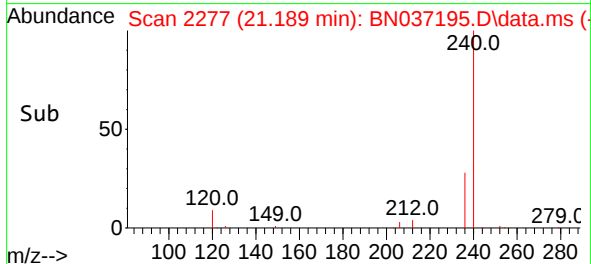
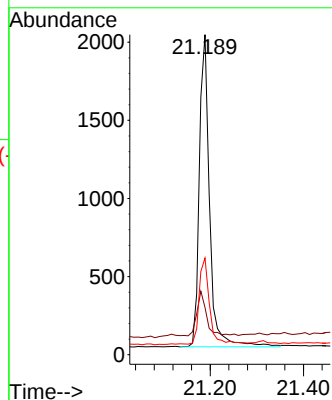
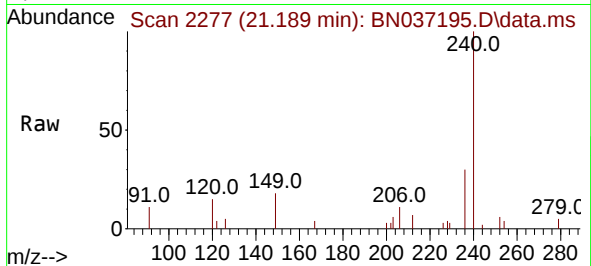




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

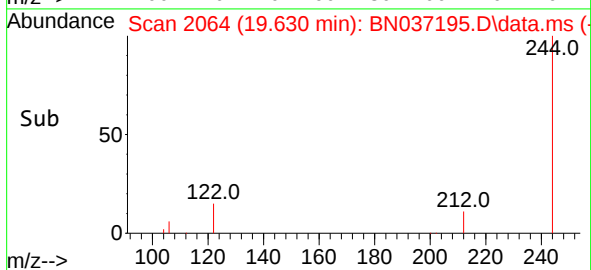
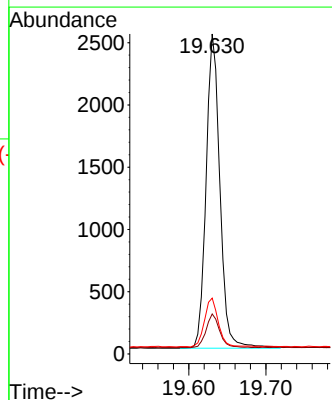
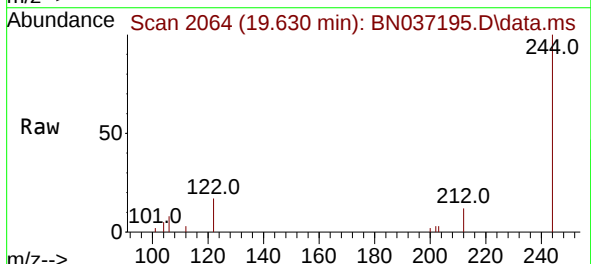
Instrument :
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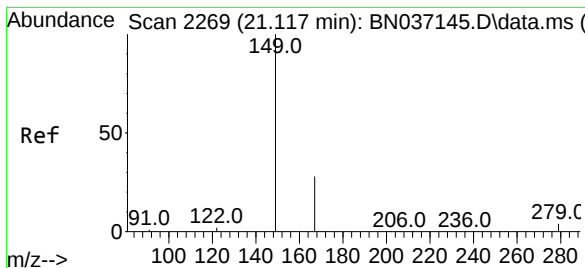
Tgt Ion:240 Resp: 3055
Ion Ratio Lower Upper
240 100
120 14.7 9.0 13.4#
236 30.2 23.0 34.4



#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

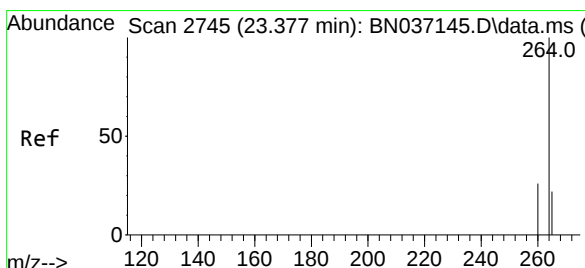
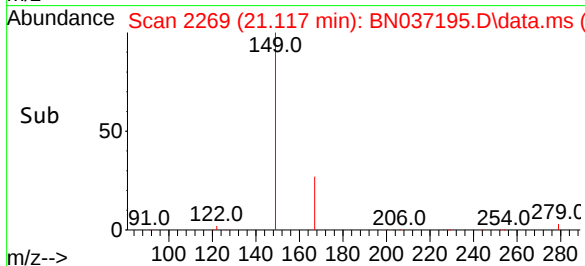
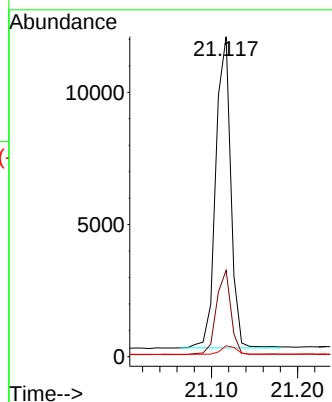
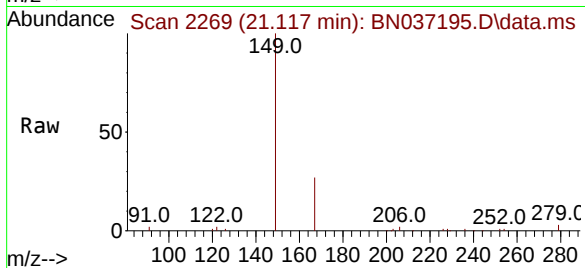




#34
Bis(2-ethylhexyl)phthalate
Concen: 2.039 ng
RT: 21.117 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

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#

