

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037891.D
 Acq On : 25 Sep 2025 16:24
 Operator : RC/JU
 Sample : Q3141-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-150-152

Quant Time: Sep 25 16:50:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

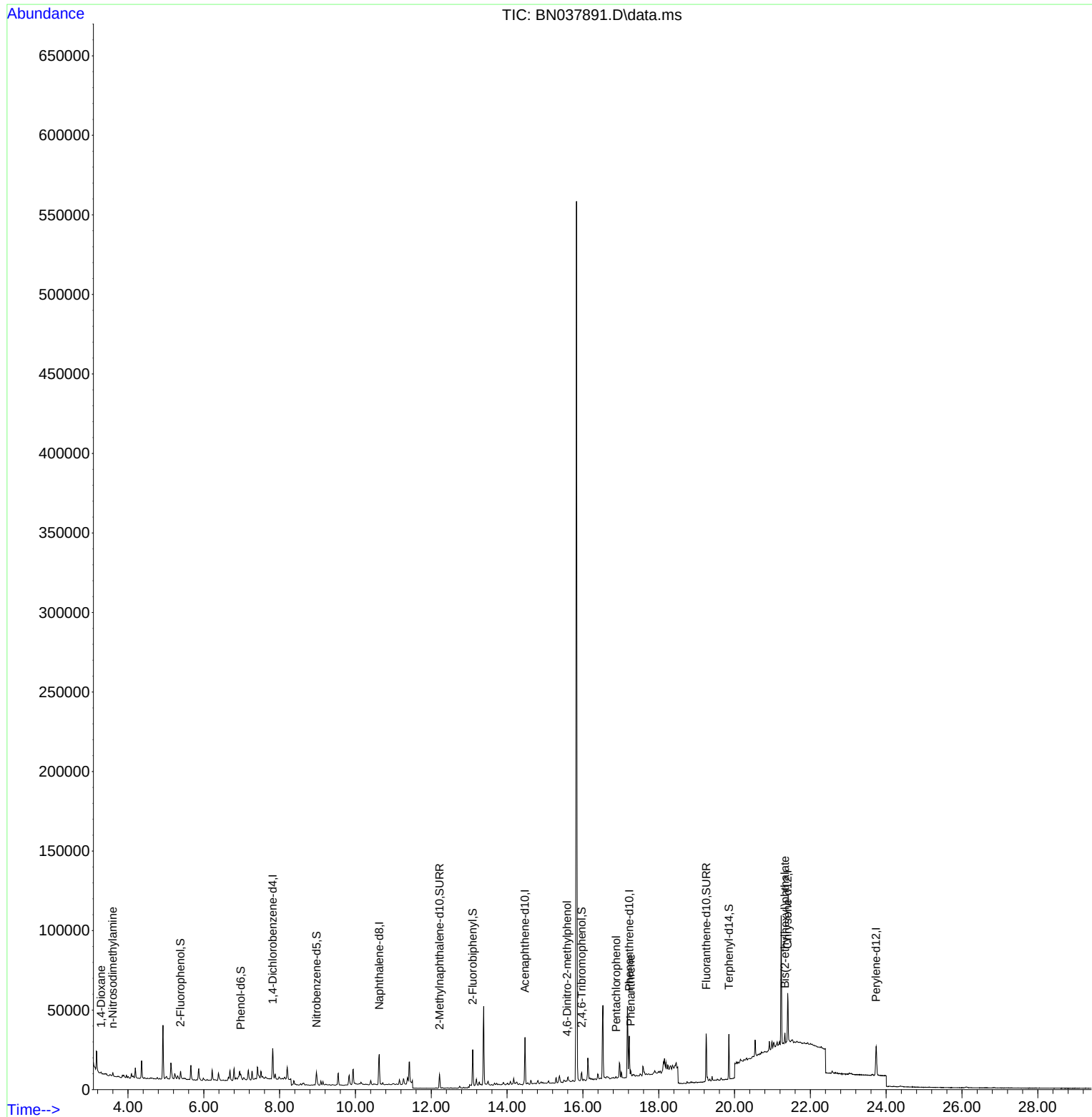
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	8047	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	25971	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	15628	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	32900	0.400	ng	0.00
29) Chrysene-d12	21.402	240	27935	0.400	ng	# 0.00
35) Perylene-d12	23.736	264	24958	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3445	0.188	ng	0.00
5) Phenol-d6	6.973	99	3029	0.126	ng	0.00
8) Nitrobenzene-d5	8.971	82	6023	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	11269	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	3129	0.528	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	18589	0.291	ng	0.00
27) Fluoranthene-d10	19.253	212	32565	0.393	ng	0.00
31) Terphenyl-d14	19.852	244	26316	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	621	0.076	ng	# 72
3) n-Nitrosodimethylamine	3.601	42	297	0.027	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.585	198	15	0.071	ng	# 1
24) Pentachlorophenol	16.876	266	357	0.040	ng	95
25) Phenanthrene	17.260	178	3480	0.032	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.331	149	5990	0.155	ng	# 98

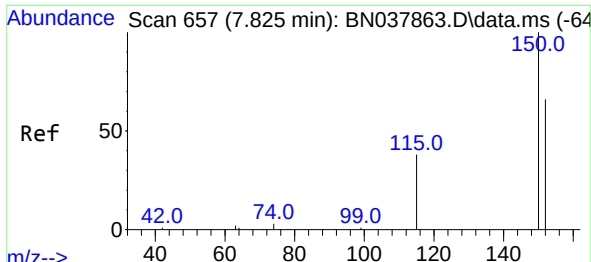
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
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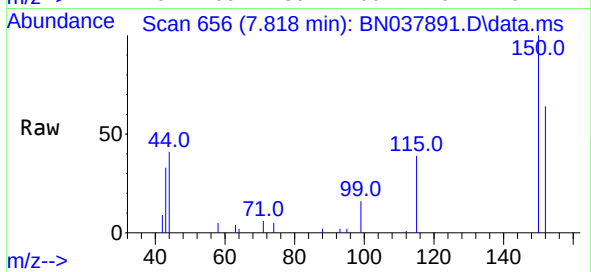
Quant Time: Sep 25 16:50:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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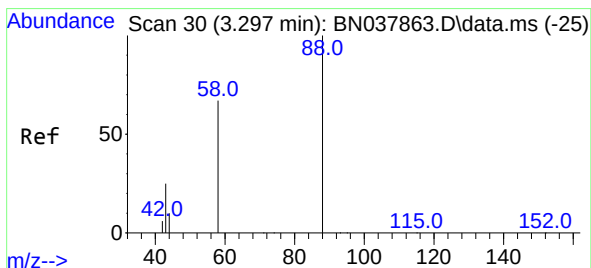
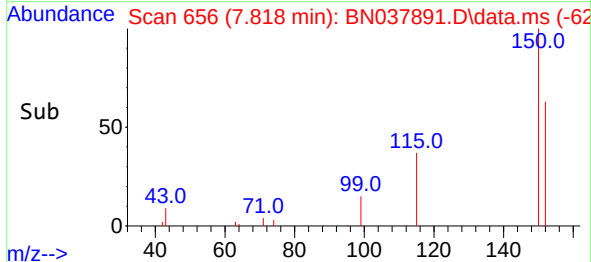
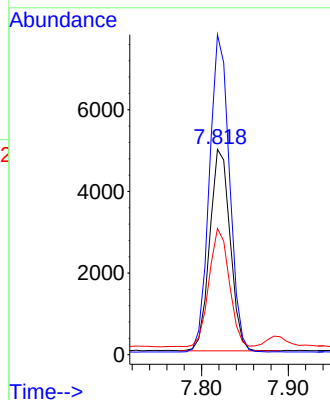


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-150-152

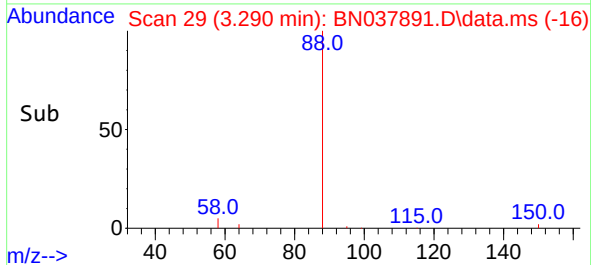
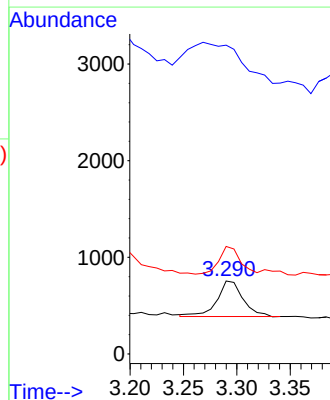
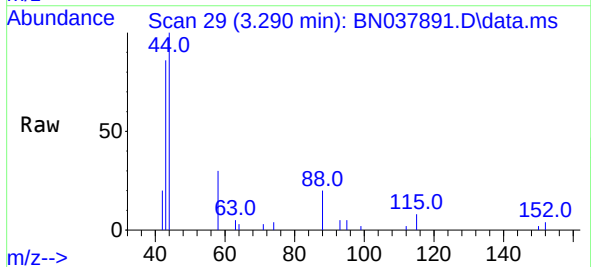


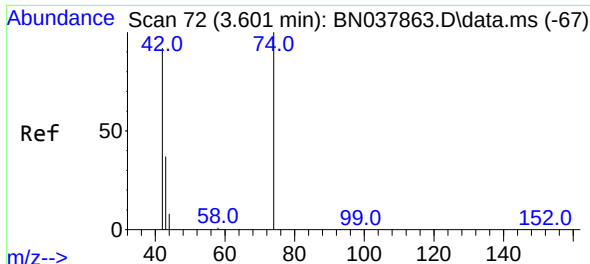
Tgt Ion:152 Resp: 8047
Ion Ratio Lower Upper
152 100
150 155.7 121.0 181.4
115 61.5 47.4 71.0



#2
1,4-Dioxane
Concen: 0.076 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Tgt Ion: 88 Resp: 621
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 61.7 58.9 88.3

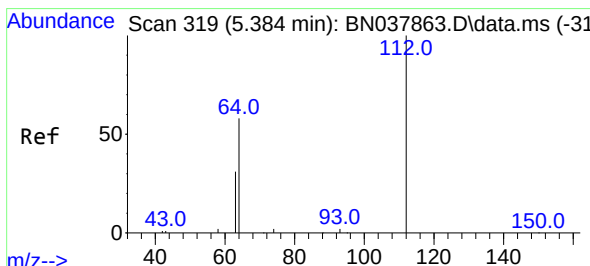
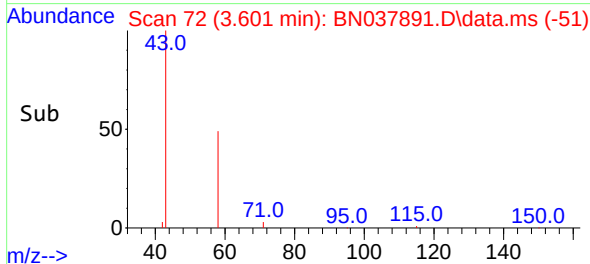
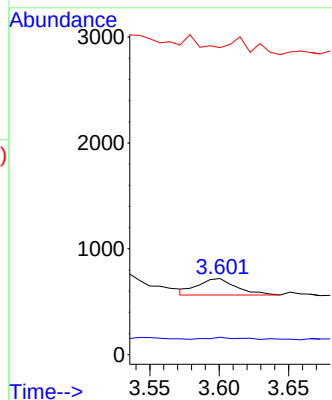
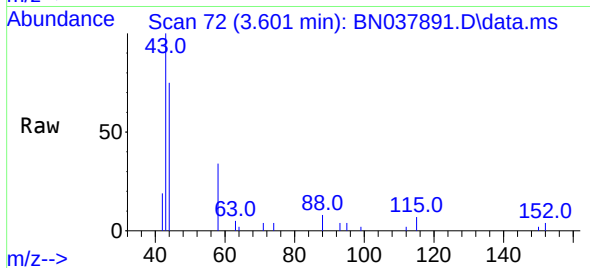




#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.601 min Scan# 72
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

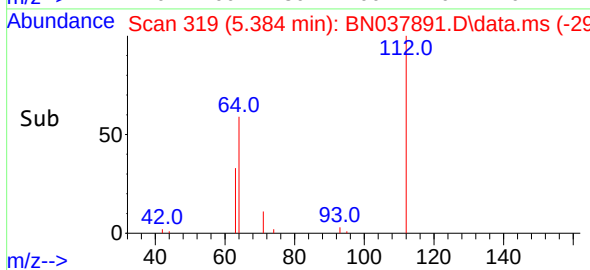
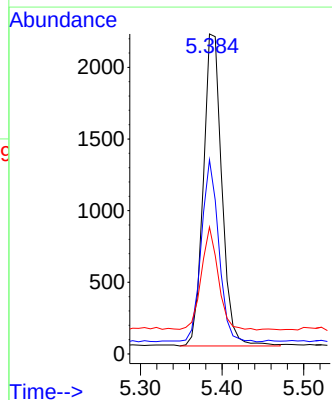
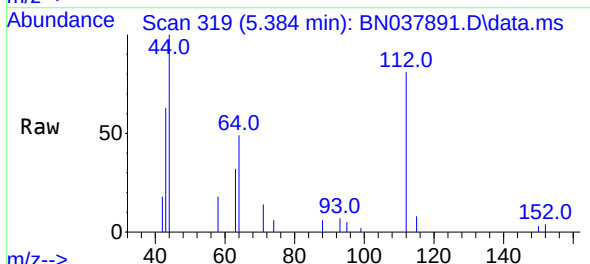
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-150-152

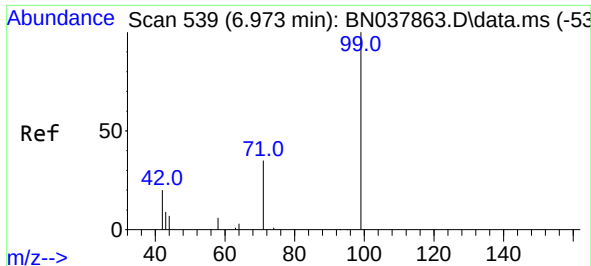
Tgt Ion: 42 Resp: 297
Ion Ratio Lower Upper
42 100
74 17.2 93.4 140.0#
44 59.6 22.2 33.4#



#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Tgt Ion: 112 Resp: 3445
Ion Ratio Lower Upper
112 100
64 54.8 44.6 66.8
63 30.4 24.9 37.3

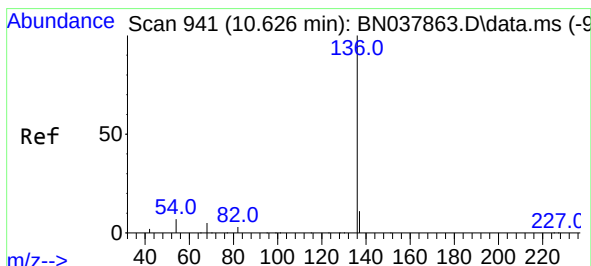
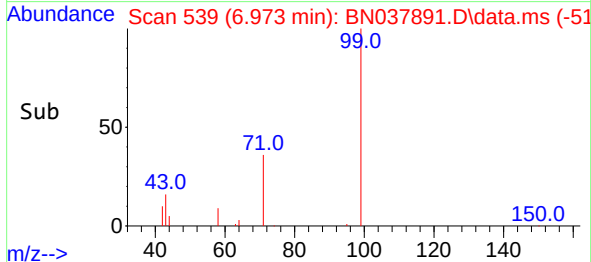
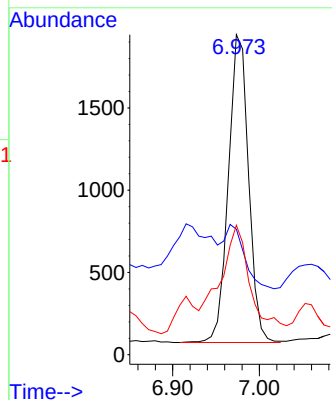
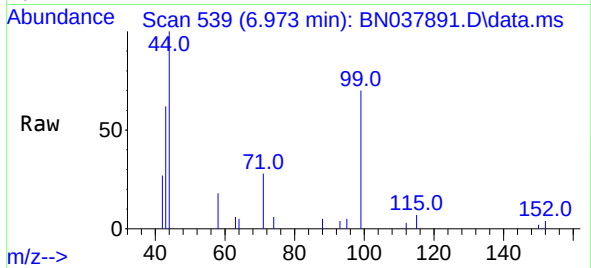




#5
Phenol-d6
Concen: 0.126 ng
RT: 6.973 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

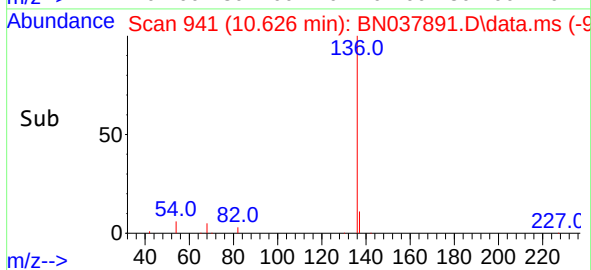
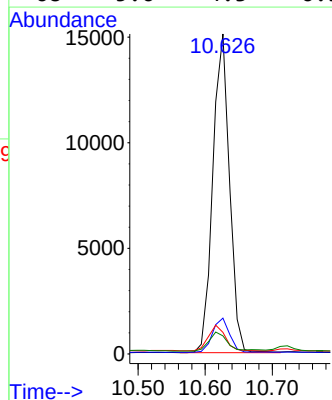
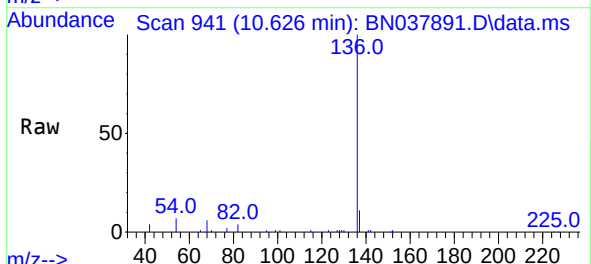
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-150-152

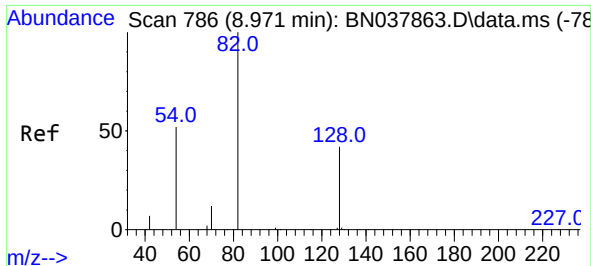
Tgt Ion: 99 Resp: 3029
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 52.9 27.3 40.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Tgt Ion: 136 Resp: 25971
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.7 5.8 8.8
68 5.6 4.3 6.5

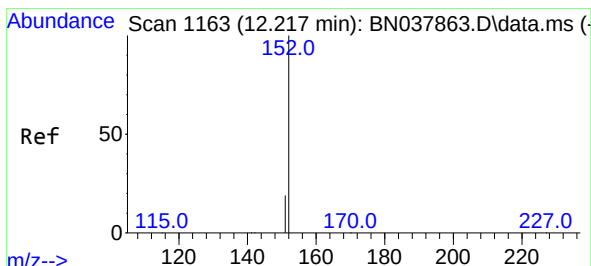
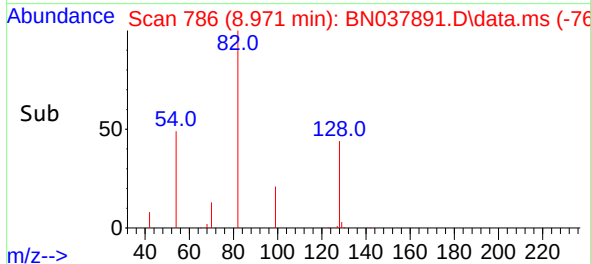
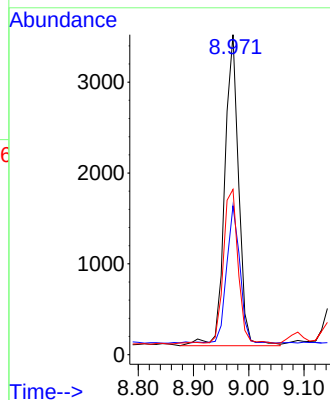
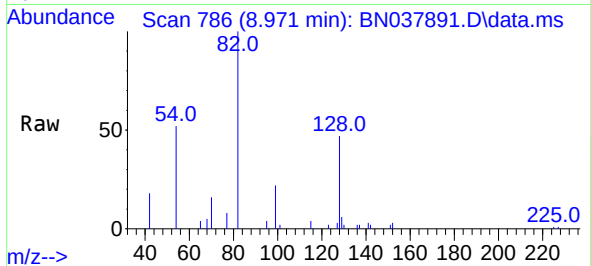




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

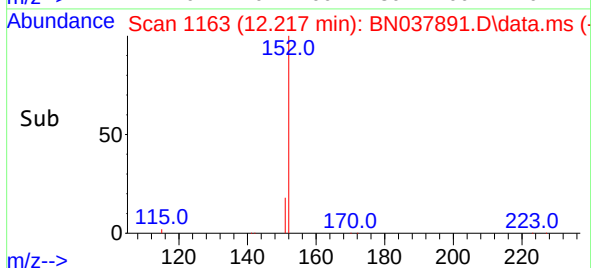
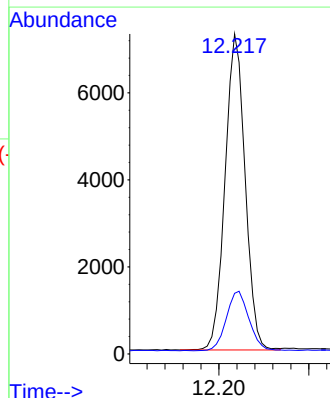
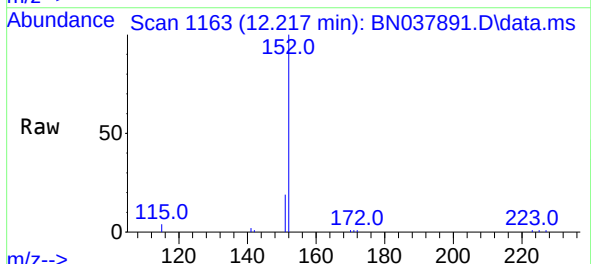
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-150-152

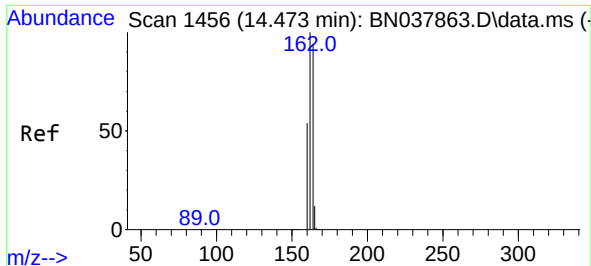
Tgt Ion: 82 Resp: 6023
Ion Ratio Lower Upper
82 100
128 46.6 34.8 52.2
54 51.6 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.217 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Tgt Ion: 152 Resp: 11269
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2

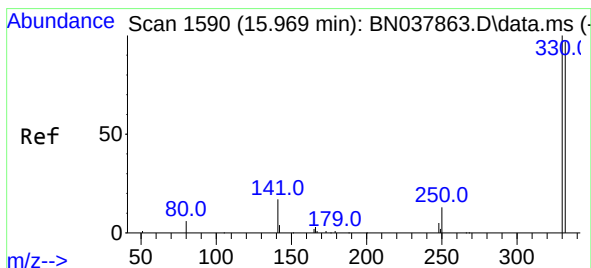
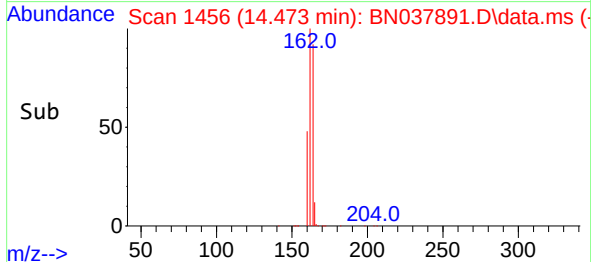
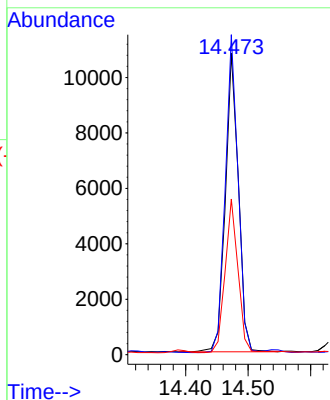
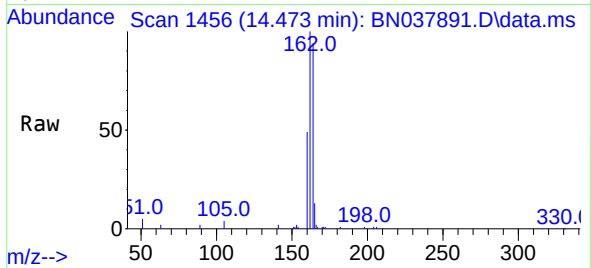




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

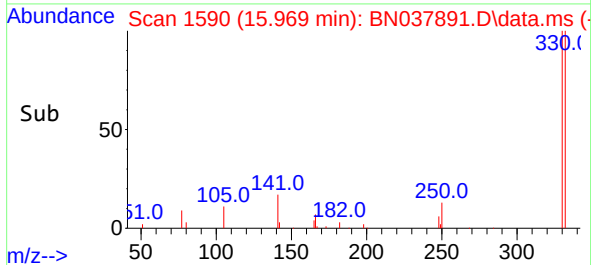
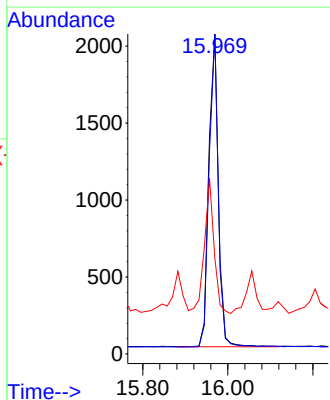
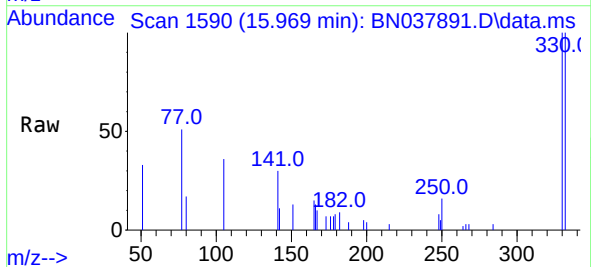
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-150-152

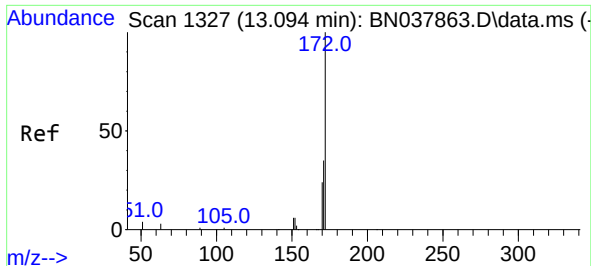
Tgt Ion:164 Resp: 15628
Ion Ratio Lower Upper
164 100
162 106.2 84.8 127.2
160 51.7 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.528 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Tgt Ion:330 Resp: 3129
Ion Ratio Lower Upper
330 100
332 98.3 77.2 115.8
141 44.3 37.2 55.8

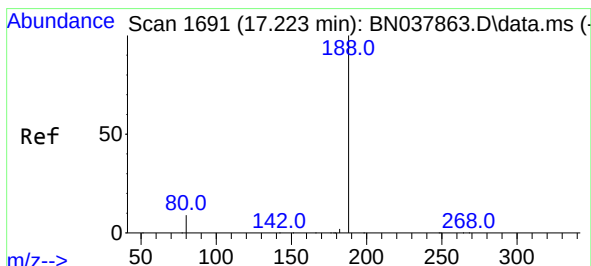
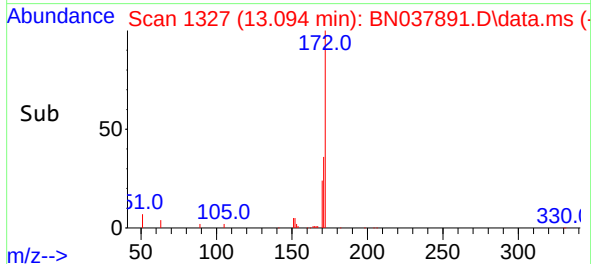
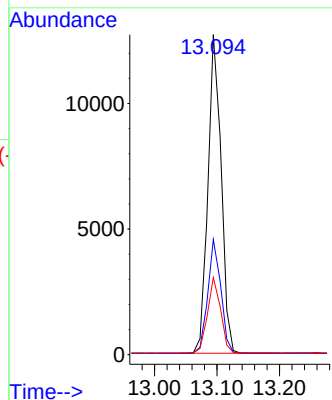
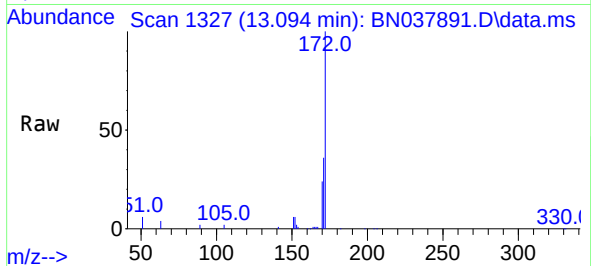




#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.094 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

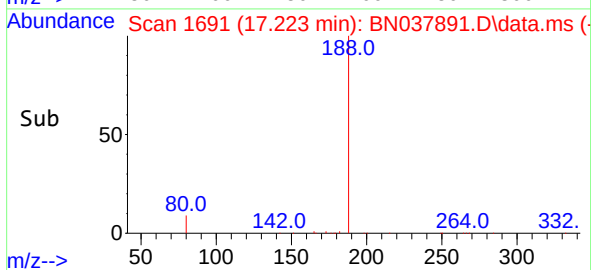
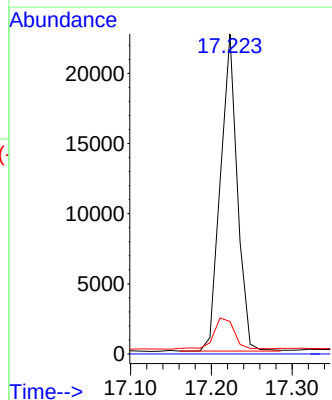
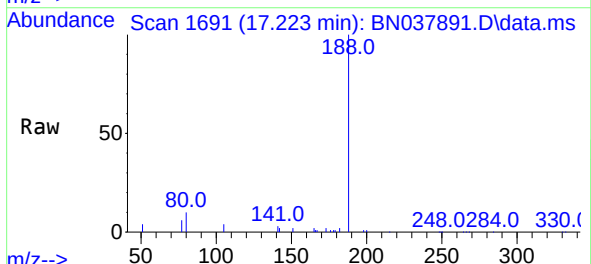
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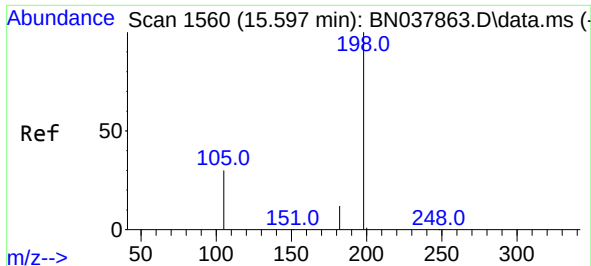
Tgt Ion:172 Resp: 18589
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Tgt Ion:188 Resp: 32900
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 7.6 11.4

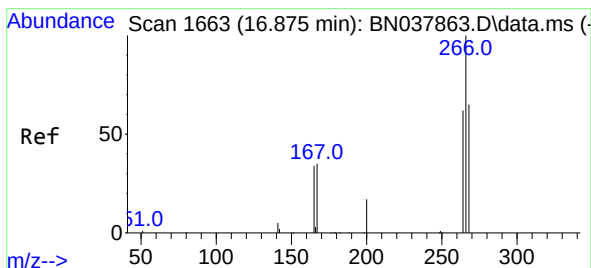
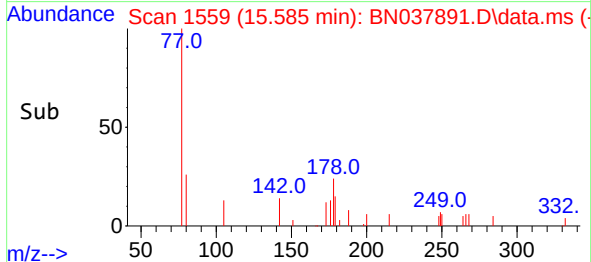
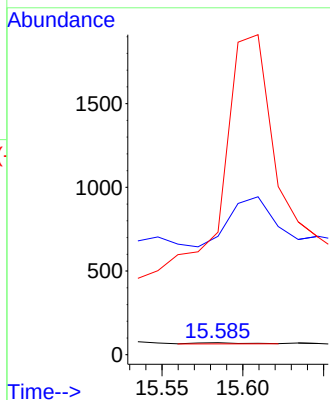
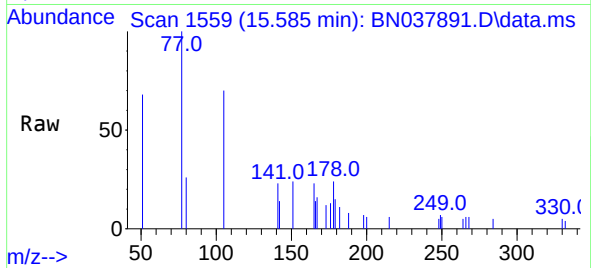




#20
4,6-Dinitro-2-methylphenol
Concen: 0.071 ng
RT: 15.585 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

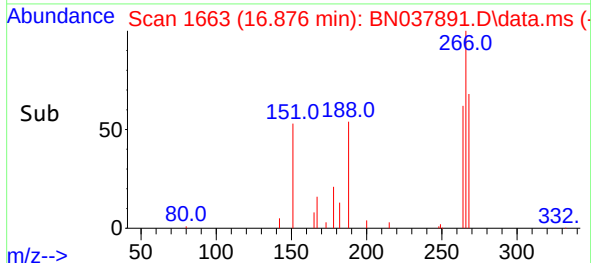
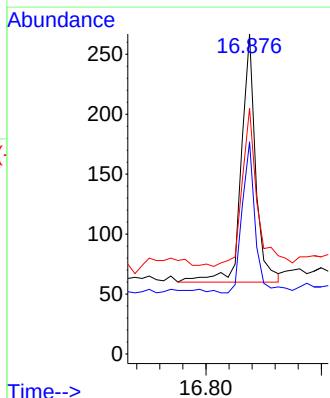
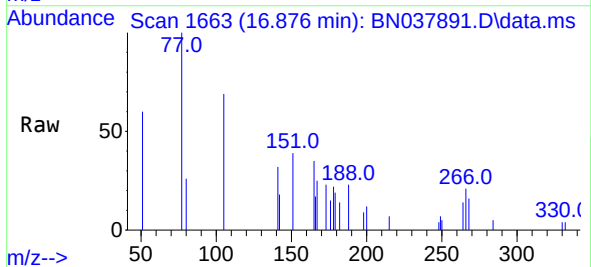
Instrument :
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BP-VPB-184-GW-150-152

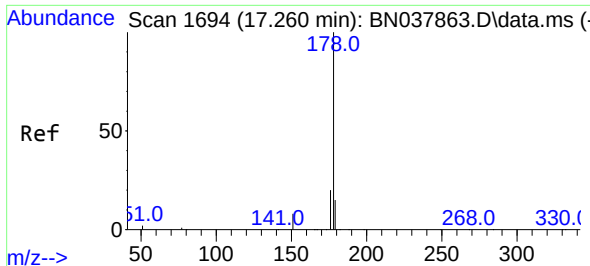
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 983.3 59.1 88.7#
105 1018.1 41.3 61.9#



#24
Pentachlorophenol
Concen: 0.040 ng
RT: 16.876 min Scan# 1663
Delta R.T. 0.001 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Tgt Ion:266 Resp: 357
Ion Ratio Lower Upper
266 100
264 55.7 50.9 76.3
268 67.5 54.3 81.5

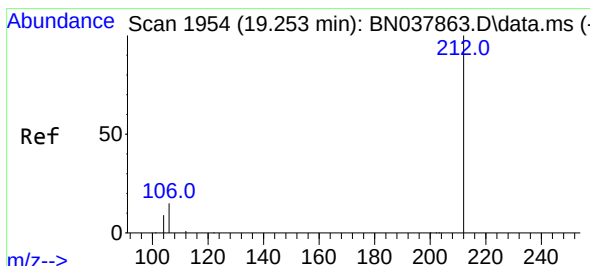
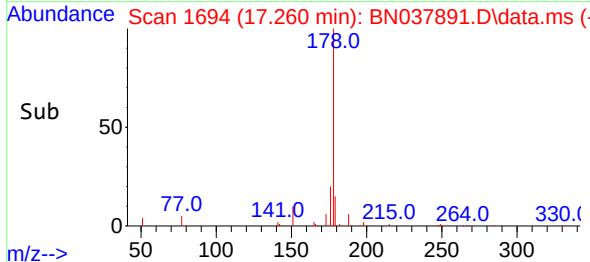
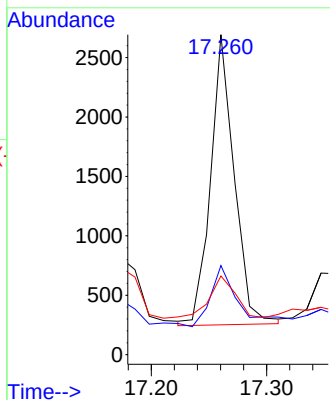
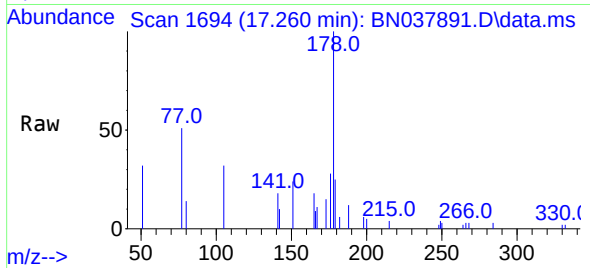




#25
Phenanthrene
Concen: 0.032 ng
RT: 17.260 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

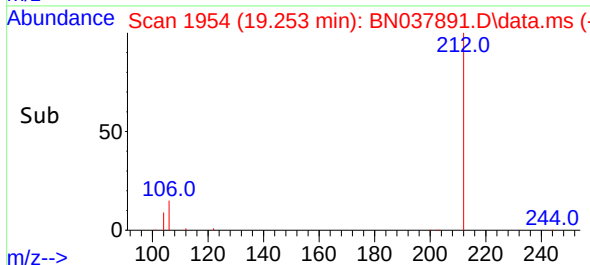
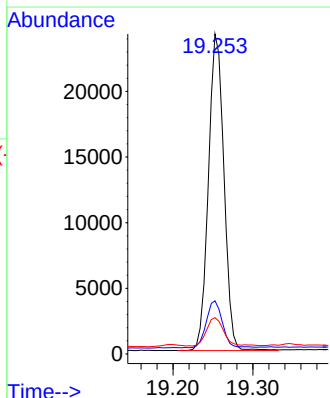
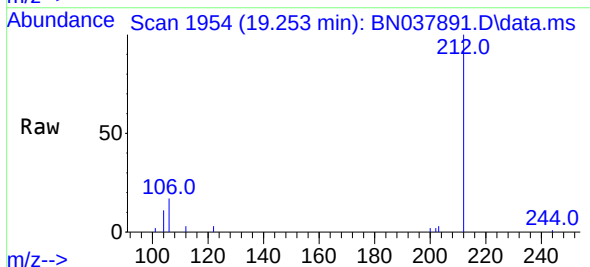
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-150-152

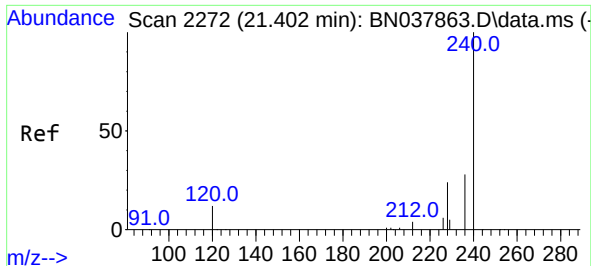
Tgt Ion:178 Resp: 3480
Ion Ratio Lower Upper
178 100
176 26.6 15.7 23.5#
179 17.1 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.253 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Tgt Ion:212 Resp: 32565
Ion Ratio Lower Upper
212 100
106 15.4 12.6 19.0
104 9.6 7.4 11.0

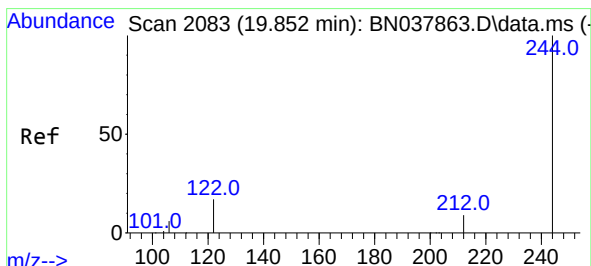
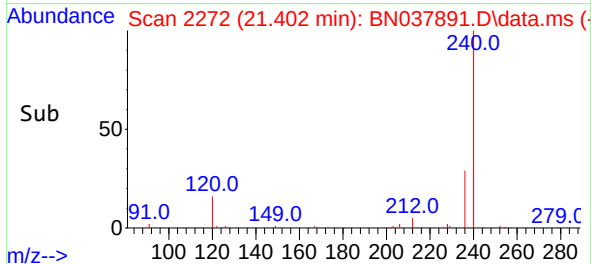
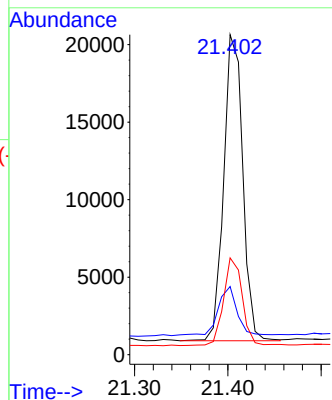
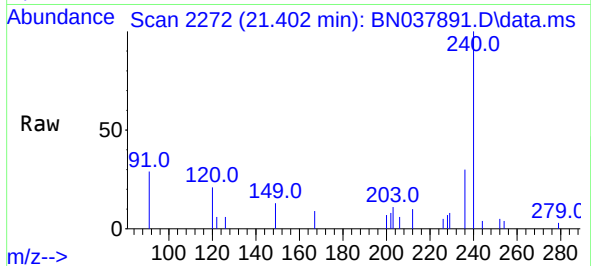




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

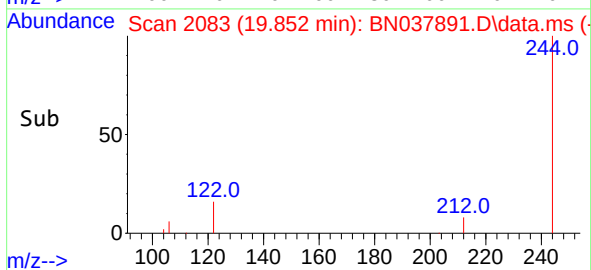
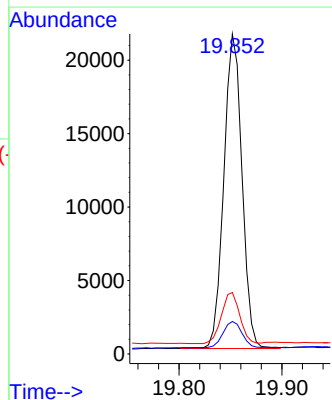
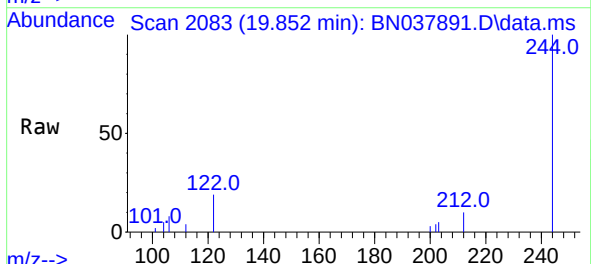
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-150-152

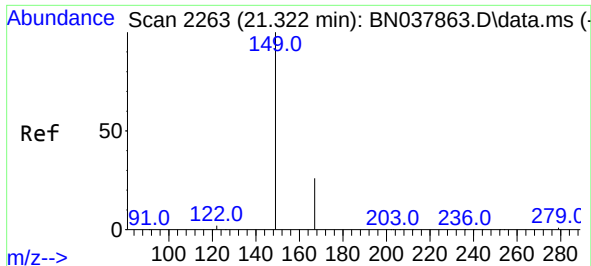
Tgt Ion:240 Resp: 27935
Ion Ratio Lower Upper
240 100
120 21.3 11.4 17.2#
236 30.3 23.0 34.6



#31
Terphenyl-d14
Concen: 0.473 ng
RT: 19.852 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Tgt Ion:244 Resp: 26316
Ion Ratio Lower Upper
244 100
212 10.2 7.6 11.4
122 19.2 13.9 20.9

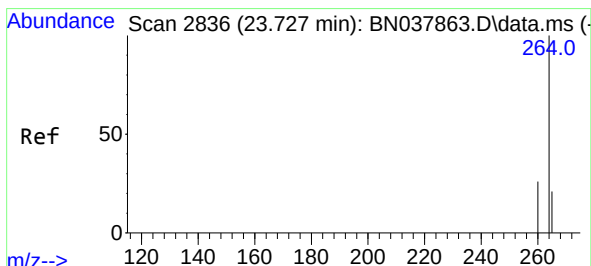
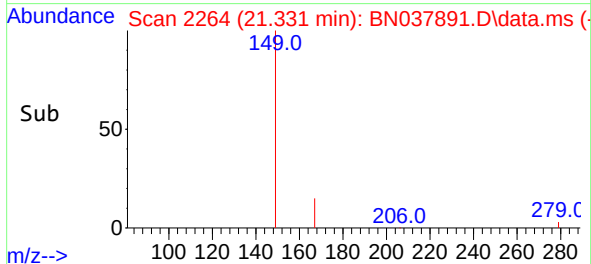
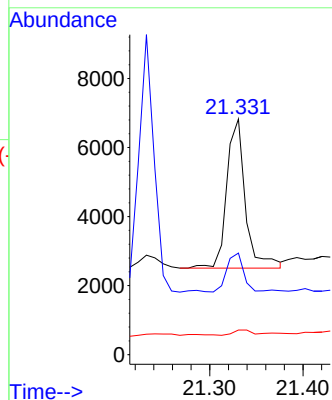
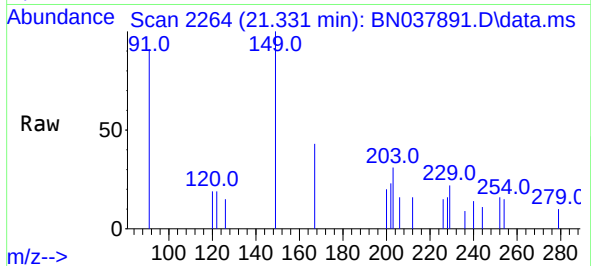




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 21.331 min Scan# 2133
Delta R.T. 0.009 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-150-152

Tgt Ion:149 Resp: 5990
Ion Ratio Lower Upper
149 100
167 24.5 20.4 30.6
279 4.0 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.736 min Scan# 2839
Delta R.T. 0.009 min
Lab File: BN037891.D
Acq: 25 Sep 2025 16:24

Tgt Ion:264 Resp: 24958
Ion Ratio Lower Upper
264 100
260 27.4 21.5 32.3
265 60.6 53.8 80.6

