

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037890.D
 Acq On : 25 Sep 2025 15:48
 Operator : RC/JU
 Sample : Q3141-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-60-62

Quant Time: Sep 25 16:13:14 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)

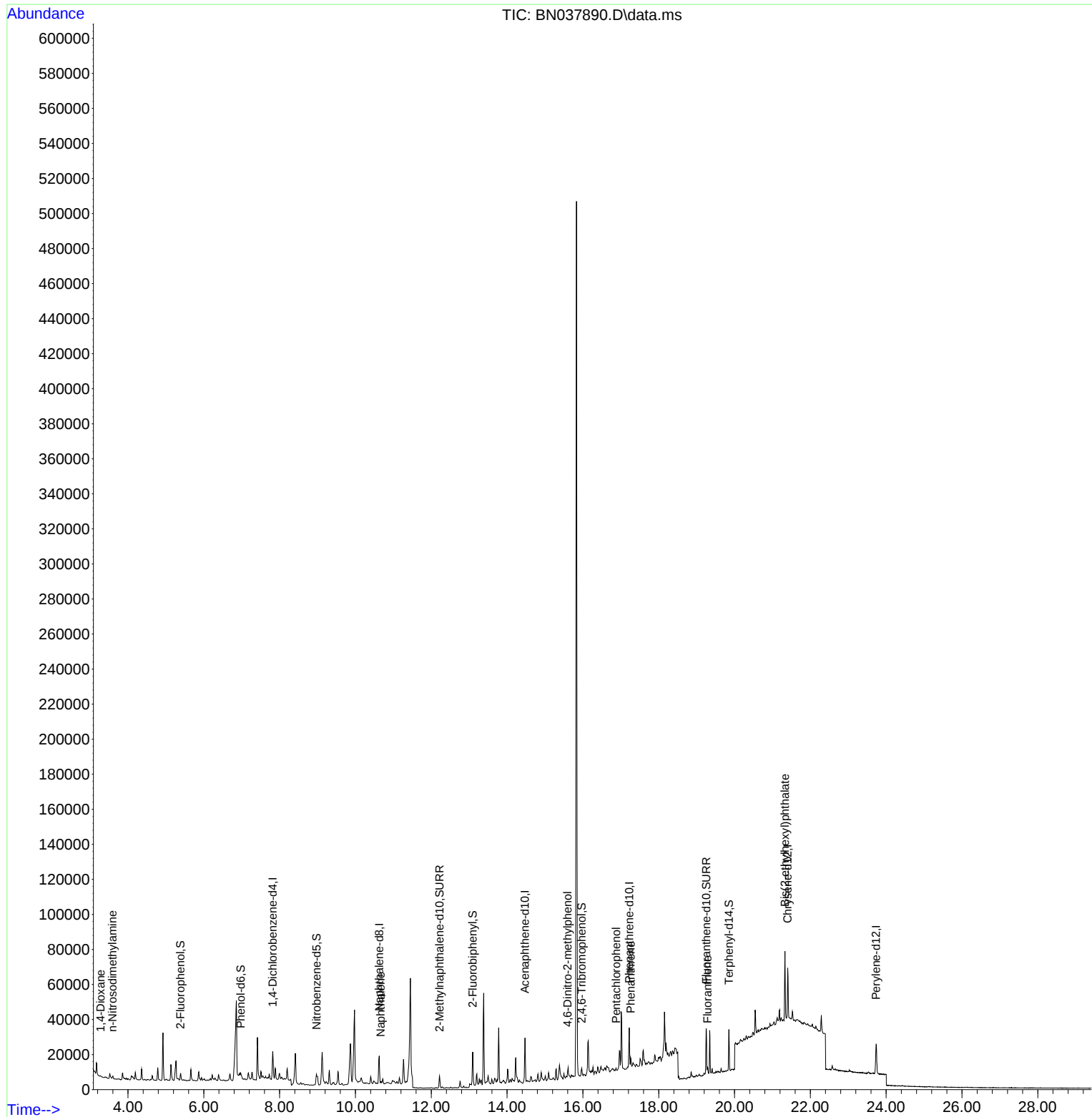
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6755	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	21716	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	14305	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	28336	0.400	ng	0.00
29) Chrysene-d12	21.402	240	25331	0.400	ng	# 0.00
35) Perylene-d12	23.736	264	23209	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2545	0.165	ng	0.00
5) Phenol-d6	6.973	99	2747	0.136	ng	0.00
8) Nitrobenzene-d5	8.971	82	4532	0.274	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8696	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	2508	0.462	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15248	0.260	ng	0.00
27) Fluoranthene-d10	19.252	212	29101	0.408	ng	0.00
31) Terphenyl-d14	19.852	244	22383	0.444	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	143	0.021	ng	# 1
3) n-Nitrosodimethylamine	3.593	42	254	0.028	ng	# 20
9) Naphthalene	10.669	128	1885	0.032	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.597	198	48	0.081	ng	# 1
24) Pentachlorophenol	16.875	266	217	0.028	ng	92
25) Phenanthrene	17.260	178	6152	0.066	ng	# 90
28) Fluoranthene	19.285	202	2391	0.023	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.331	149	30636	0.875	ng	# 95

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

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Sample : Q3141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
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BP-VPB-184-GW-60-62

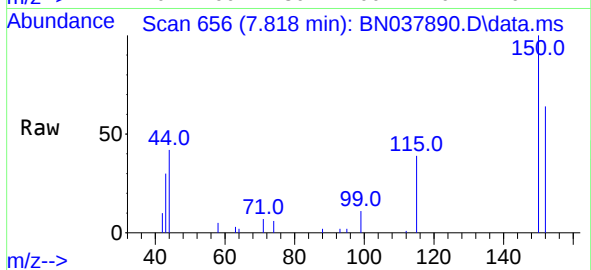
Quant Time: Sep 25 16:13:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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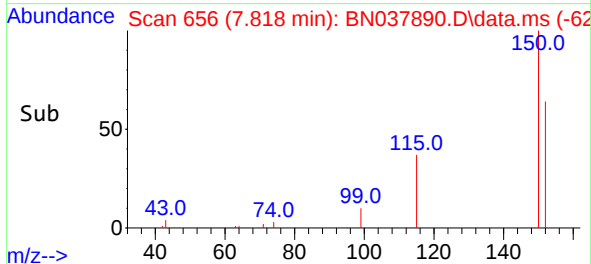
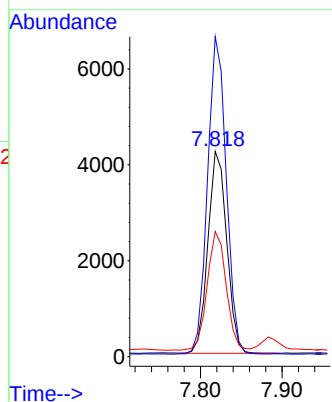


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-60-62

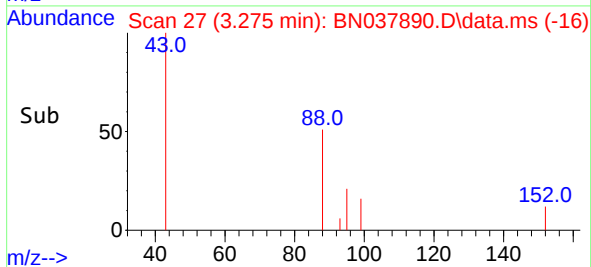
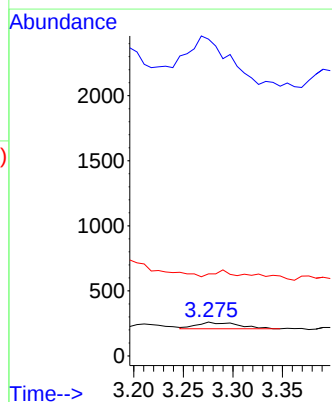
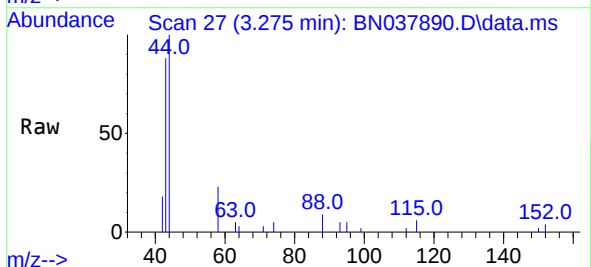


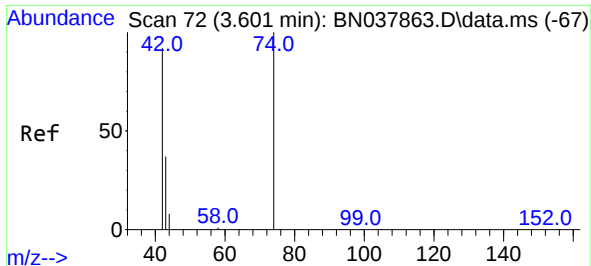
Tgt Ion:152 Resp: 6755
Ion Ratio Lower Upper
152 100
150 155.9 121.0 181.4
115 61.0 47.4 71.0



#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.275 min Scan# 27
Delta R.T. -0.022 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion: 88 Resp: 143
Ion Ratio Lower Upper
88 100
43 839.2 26.6 39.8#
58 0.0 58.9 88.3#

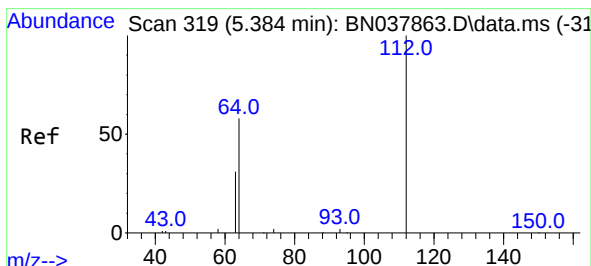
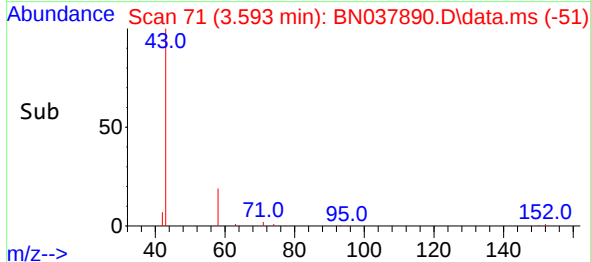
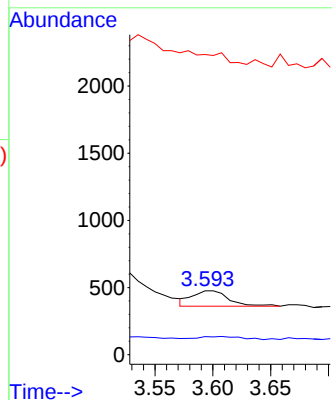
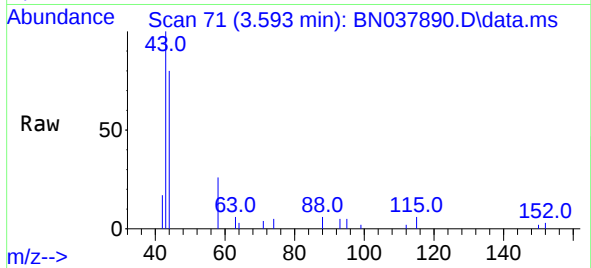




#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.593 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

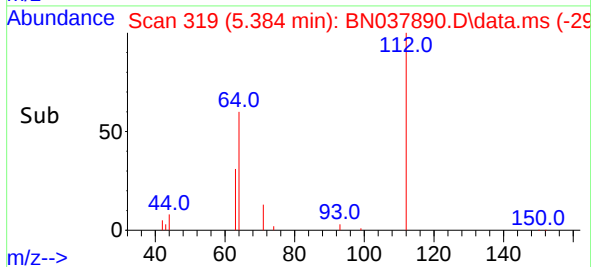
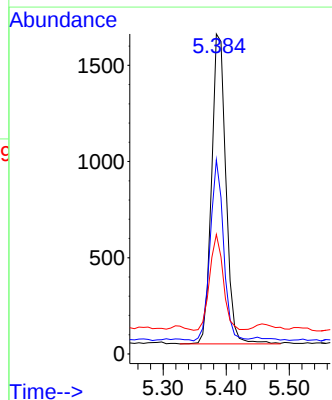
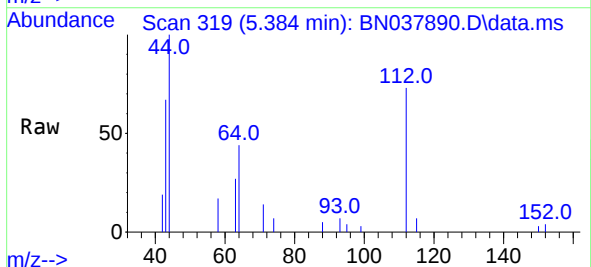
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-60-62

Tgt Ion: 42 Resp: 254
Ion Ratio Lower Upper
42 100
74 22.8 93.4 140.0#
44 0.0 22.2 33.4#



#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

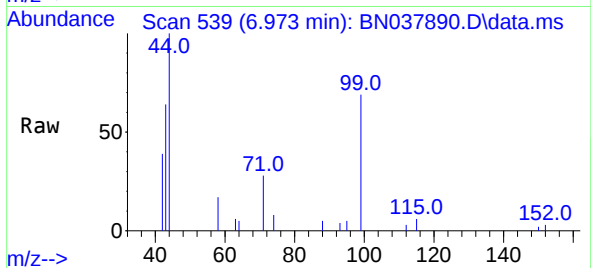
Tgt Ion: 112 Resp: 2545
Ion Ratio Lower Upper
112 100
64 54.7 44.6 66.8
63 29.8 24.9 37.3





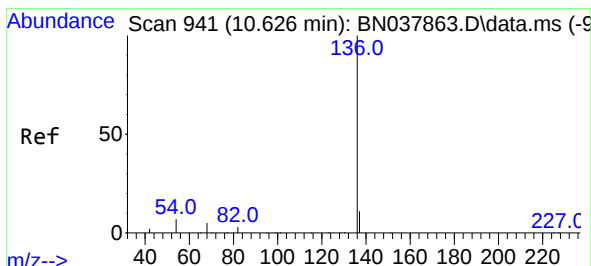
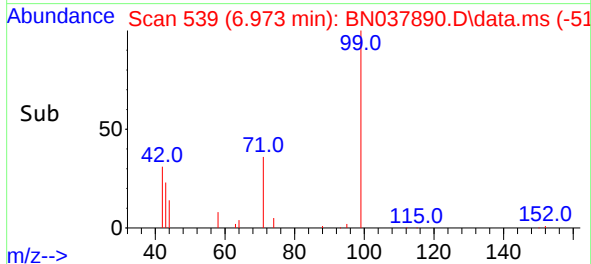
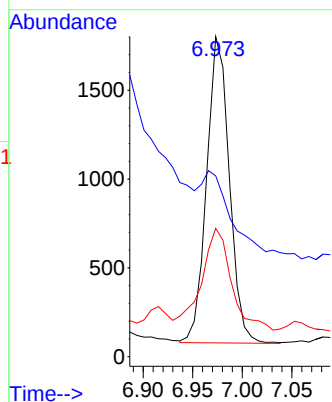
#5
Phenol-d6
Concen: 0.136 ng
RT: 6.973 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-60-62



Tgt Ion: 99 Resp: 2747

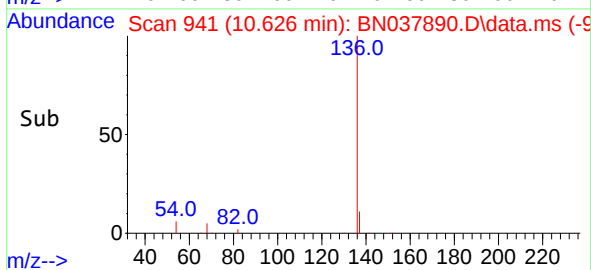
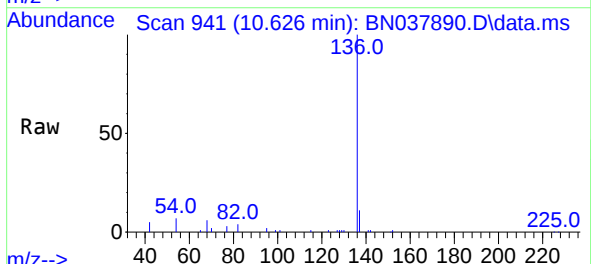
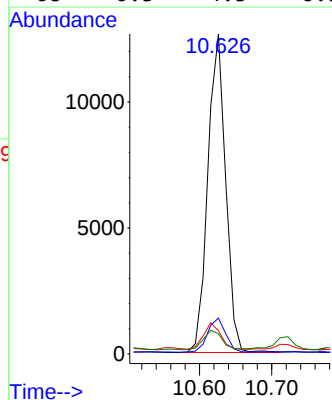
Ion	Ratio	Lower	Upper
99	100		
42	0.0	17.2	25.8#
71	46.7	27.3	40.9#

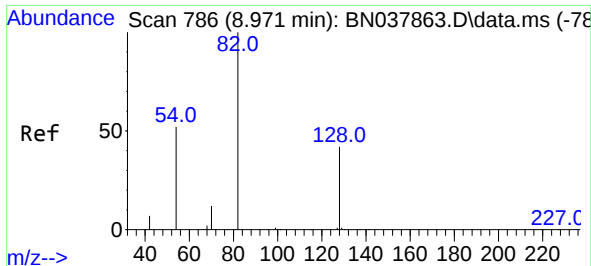


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion: 136 Resp: 21716

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.2	5.8	8.8
68	6.3	4.3	6.5

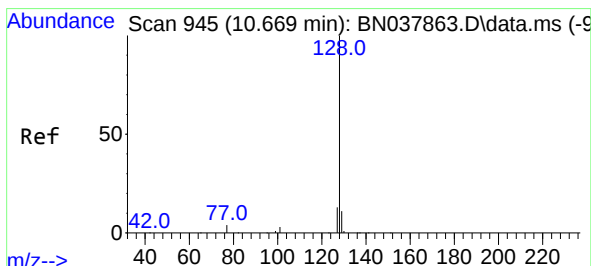
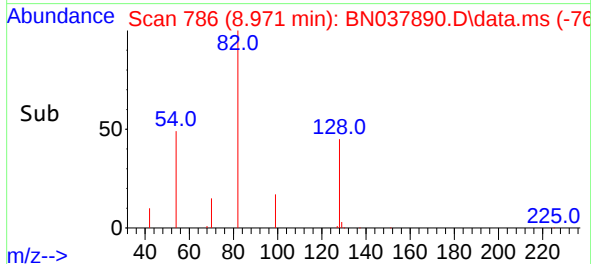
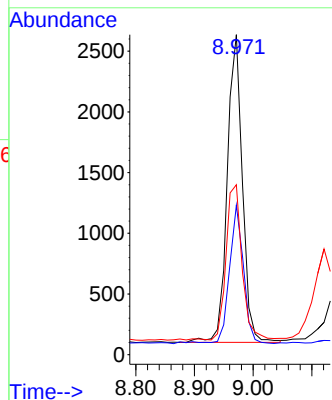
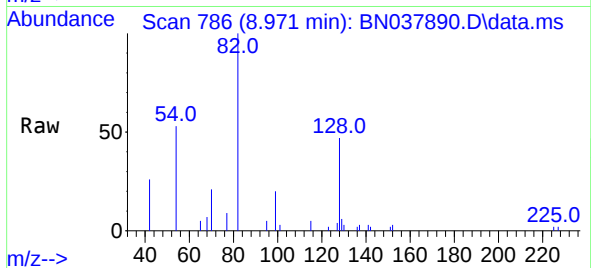




#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

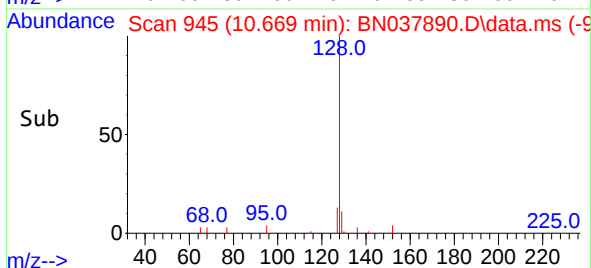
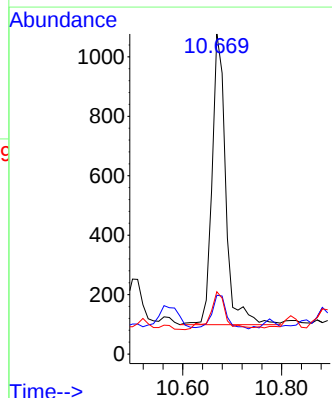
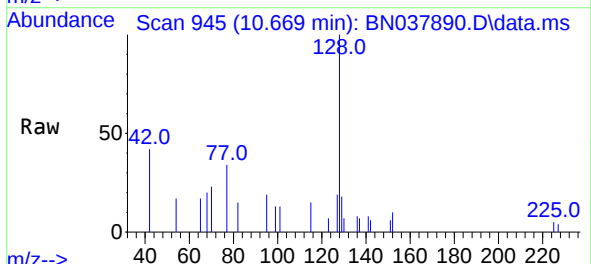
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-60-62

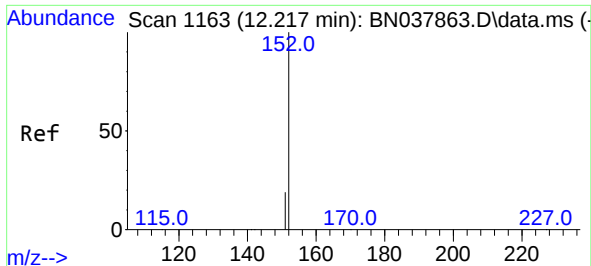
Tgt Ion: 82 Resp: 4532
Ion Ratio Lower Upper
82 100
128 46.7 34.8 52.2
54 53.1 42.2 63.2



#9
Naphthalene
Concen: 0.032 ng
RT: 10.669 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion: 128 Resp: 1885
Ion Ratio Lower Upper
128 100
129 18.4 9.2 13.8#
127 19.5 11.0 16.6#

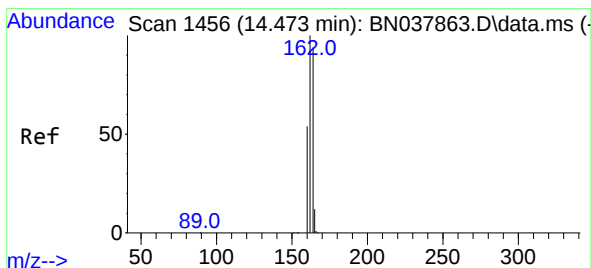
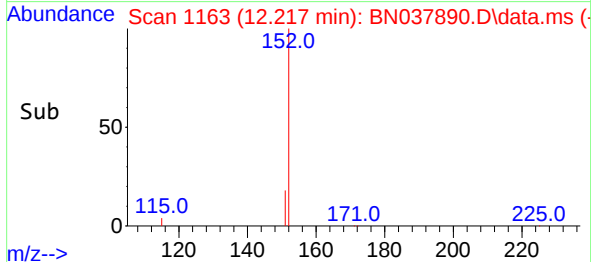
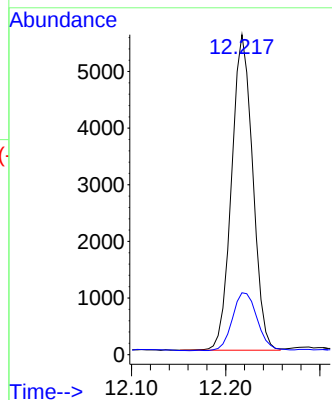
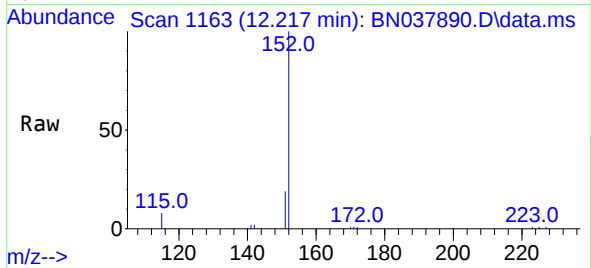




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

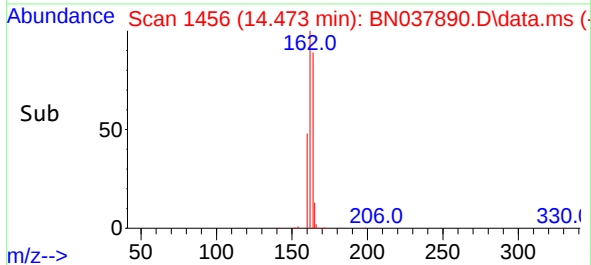
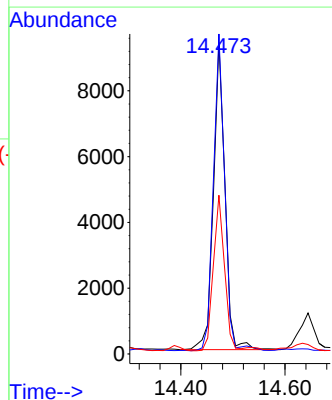
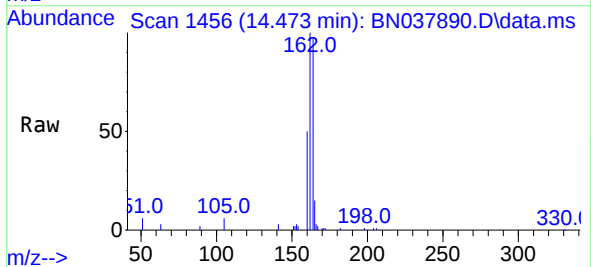
Instrument :
BNA_N
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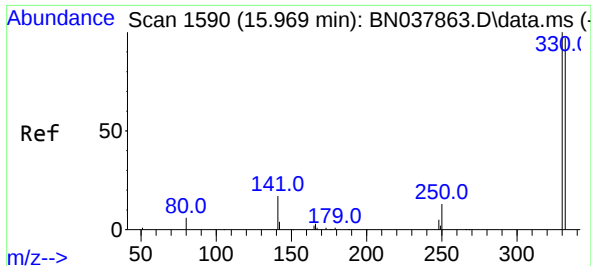
Tgt Ion:152 Resp: 8696
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion:164 Resp: 14305
Ion Ratio Lower Upper
164 100
162 102.7 84.8 127.2
160 50.9 46.1 69.1

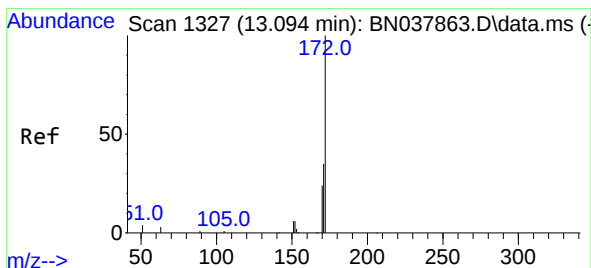
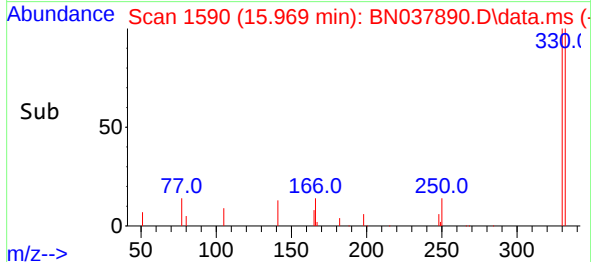
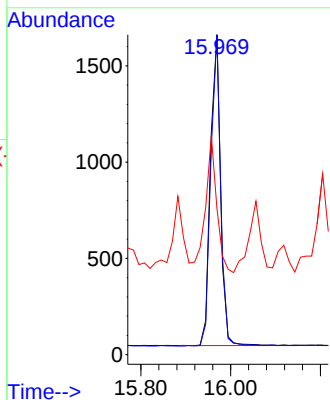
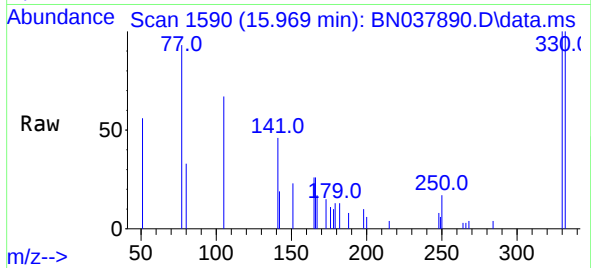




#14
2,4,6-Tribromophenol
Concen: 0.462 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

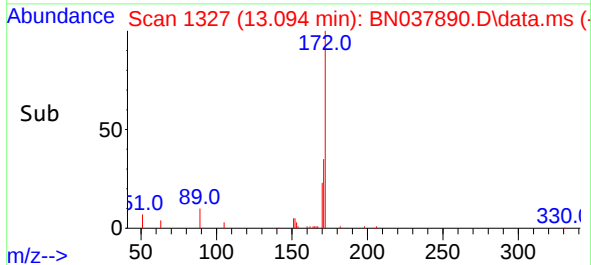
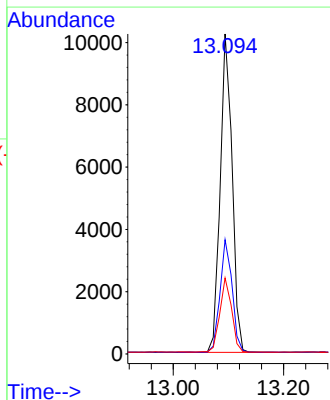
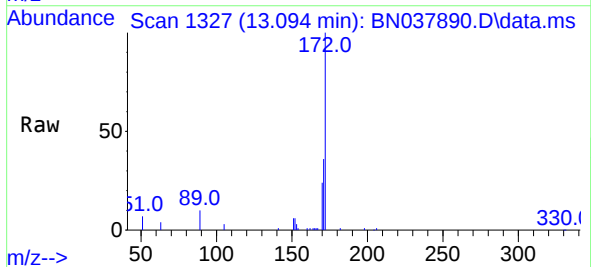
Instrument :
BNA_N
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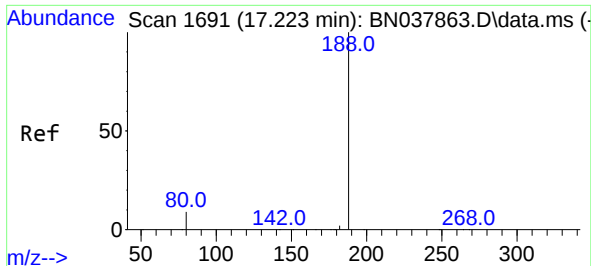
Tgt Ion:	330	Resp:	2508
Ion Ratio	Lower	Upper	
330	100		
332	98.3	77.2	115.8
141	49.7	37.2	55.8



#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion:	172	Resp:	15248
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	43.0
170	23.8	19.7	29.5

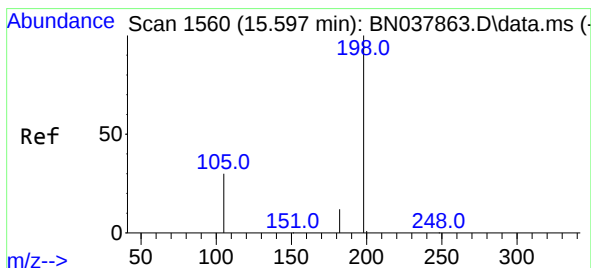
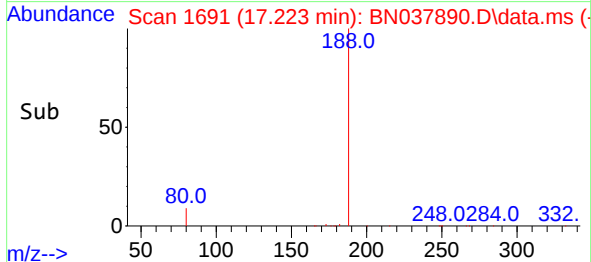
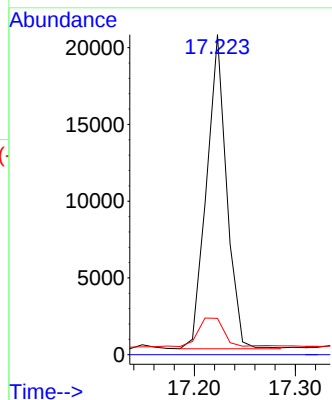
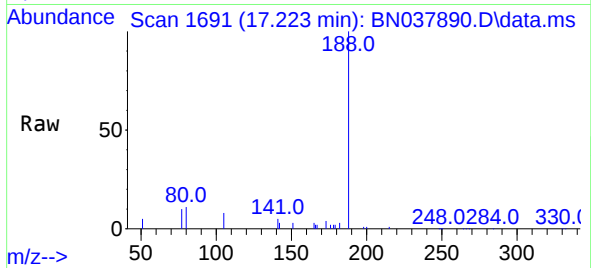




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

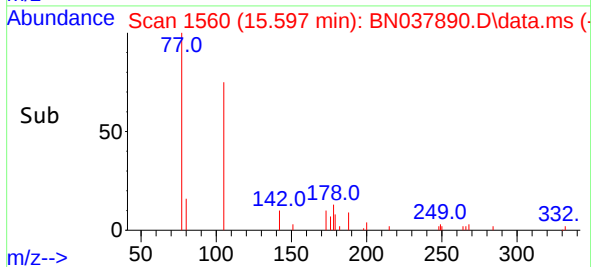
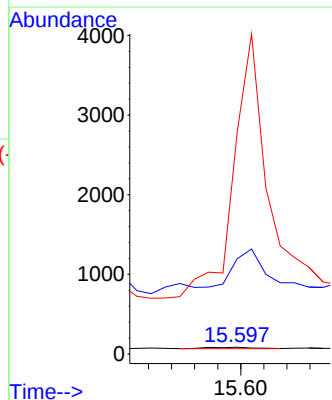
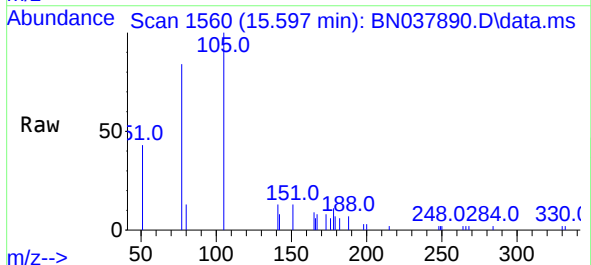
Instrument :
BNA_N
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BP-VPB-184-GW-60-62

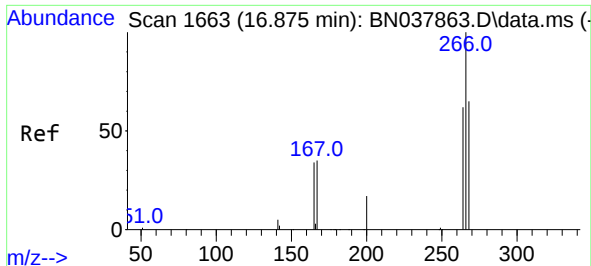
Tgt Ion:188 Resp: 28336
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.081 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion:198 Resp: 48
Ion Ratio Lower Upper
198 100
51 1423.8 59.1 88.7#
105 3310.7 41.3 61.9#

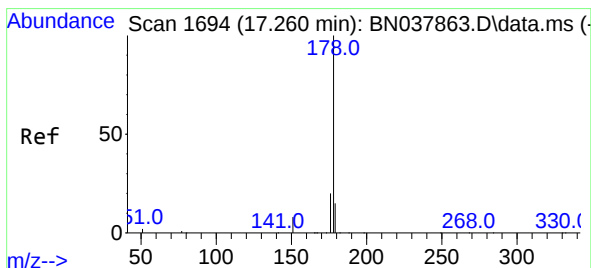
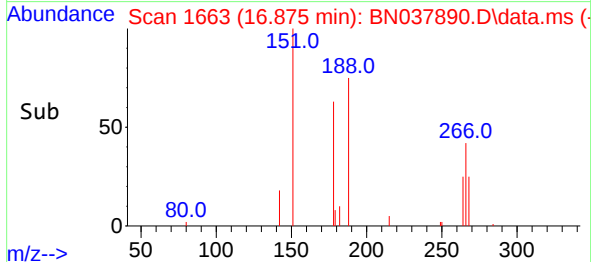
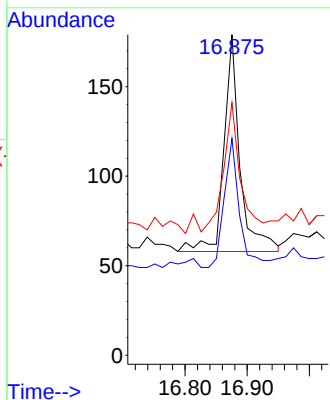
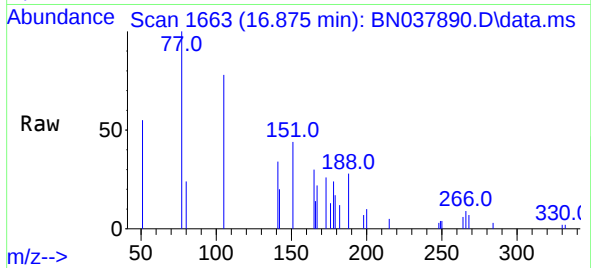




#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.875 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

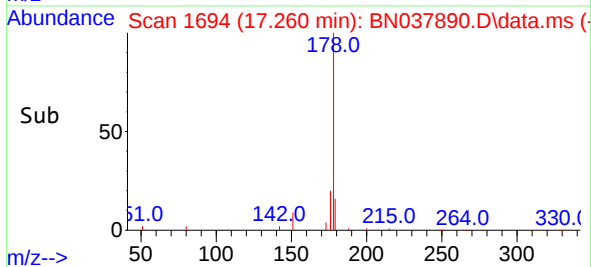
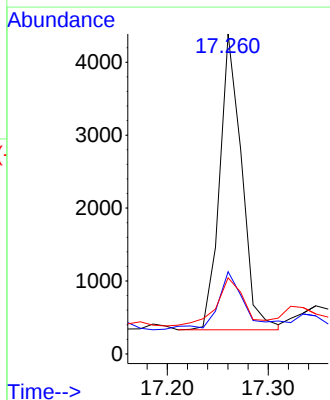
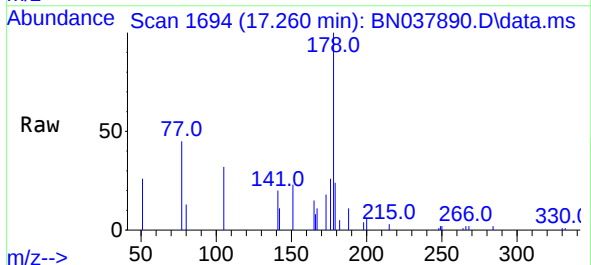
Instrument :
BNA_N
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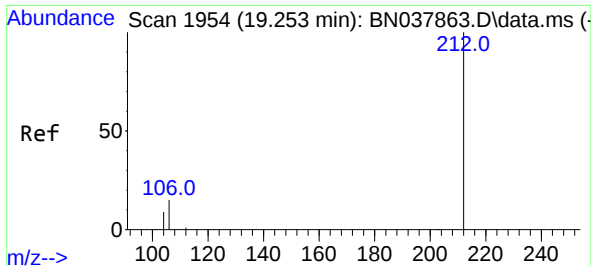
Tgt Ion:	266	Resp:	217
Ion Ratio	Lower	Upper	
266	100		
264	57.1	50.9	76.3
268	61.8	54.3	81.5



#25
Phenanthrene
Concen: 0.066 ng
RT: 17.260 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion:	178	Resp:	6152
Ion Ratio	Lower	Upper	
178	100		
176	23.3	15.7	23.5
179	20.2	12.3	18.5

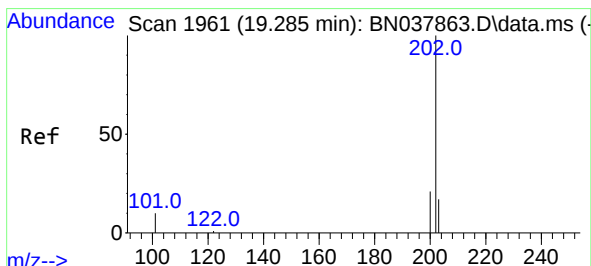
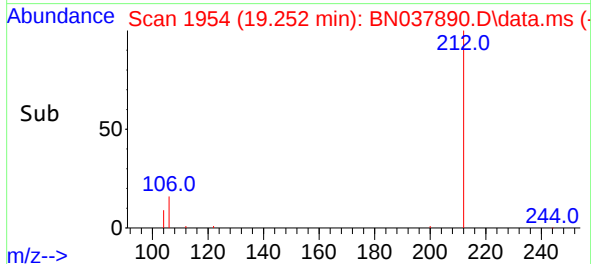
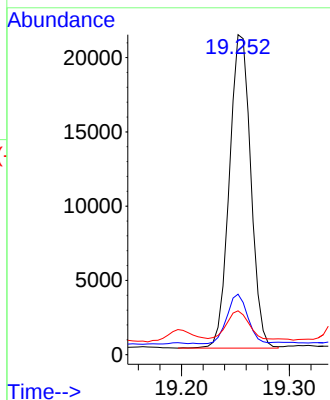
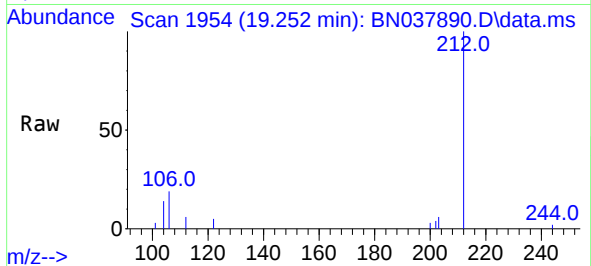




#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

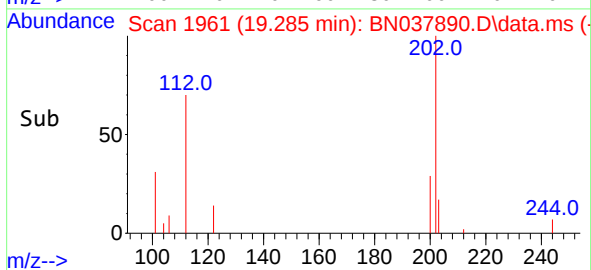
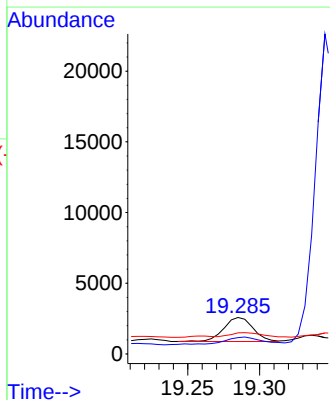
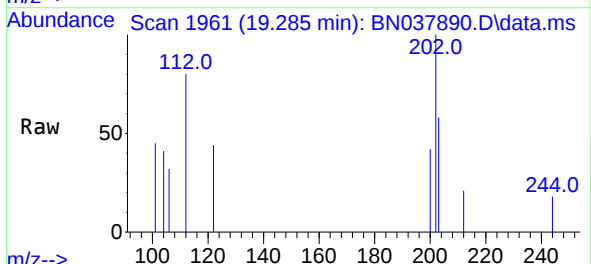
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-60-62

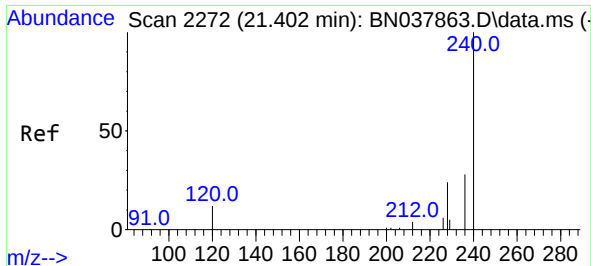
Tgt Ion	Ratio	Lower	Upper
212	100		
106	15.3	12.6	19.0
104	10.3	7.4	11.0



#28
Fluoranthene
Concen: 0.023 ng
RT: 19.285 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	44.9	9.3	13.9
203	18.9	13.6	20.4

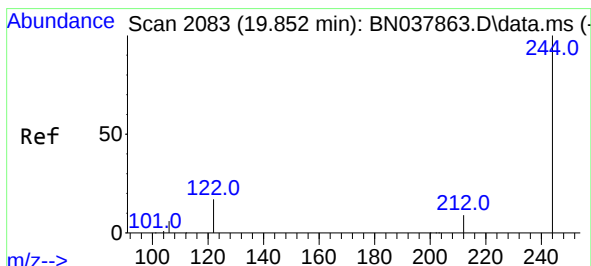
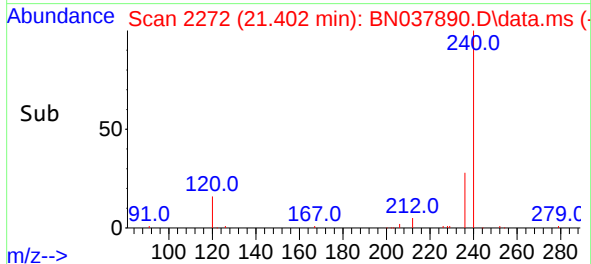
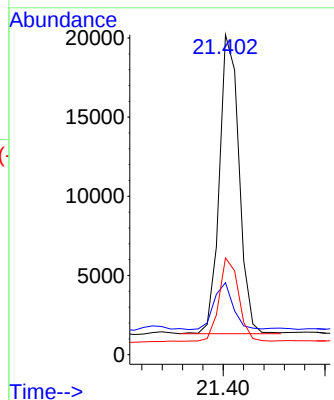
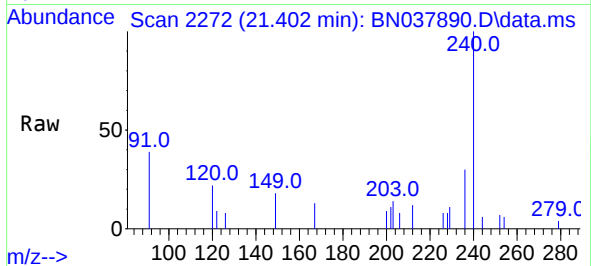




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

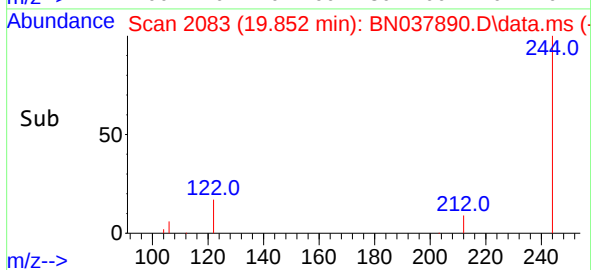
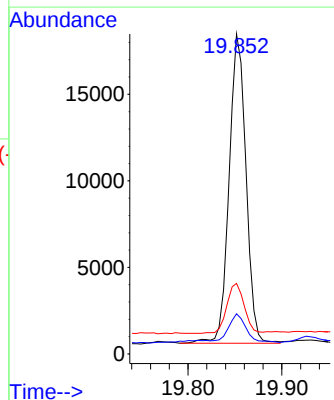
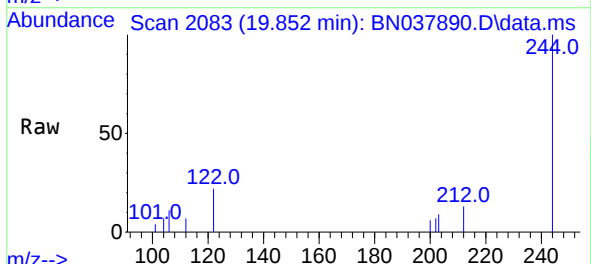
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-60-62

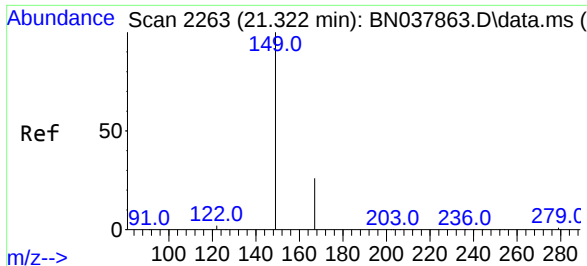
Tgt Ion:240 Resp: 25331
Ion Ratio Lower Upper
240 100
120 22.5 11.4 17.2#
236 30.3 23.0 34.6



#31
Terphenyl-d14
Concen: 0.444 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion:244 Resp: 22383
Ion Ratio Lower Upper
244 100
212 12.5 7.6 11.4#
122 22.0 13.9 20.9#

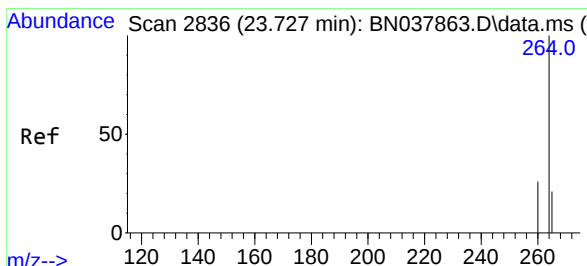
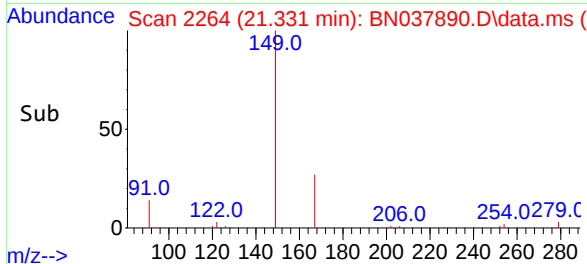
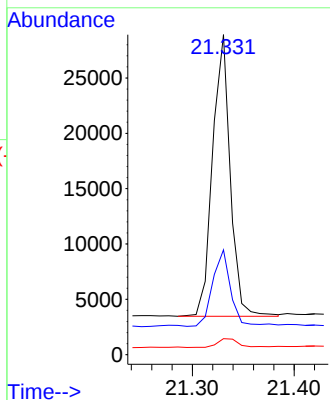
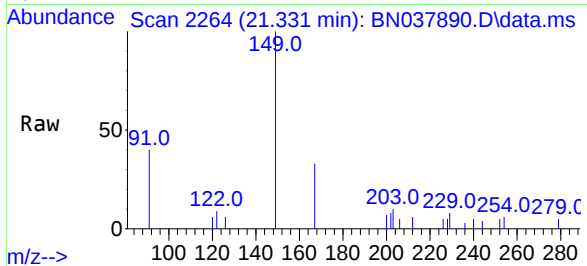




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.875 ng
RT: 21.331 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-60-62

Tgt Ion:149 Resp: 30636
Ion Ratio Lower Upper
149 100
167 28.0 20.4 30.6
279 3.9 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: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion:264 Resp: 23209
Ion Ratio Lower Upper
264 100
260 27.8 21.5 32.3
265 61.3 53.8 80.6

