

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038046.D
 Acq On : 07 Oct 2025 15:05
 Operator : RC/JU
 Sample : Q3248-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-620-622

Quant Time: Oct 07 15:30:17 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)

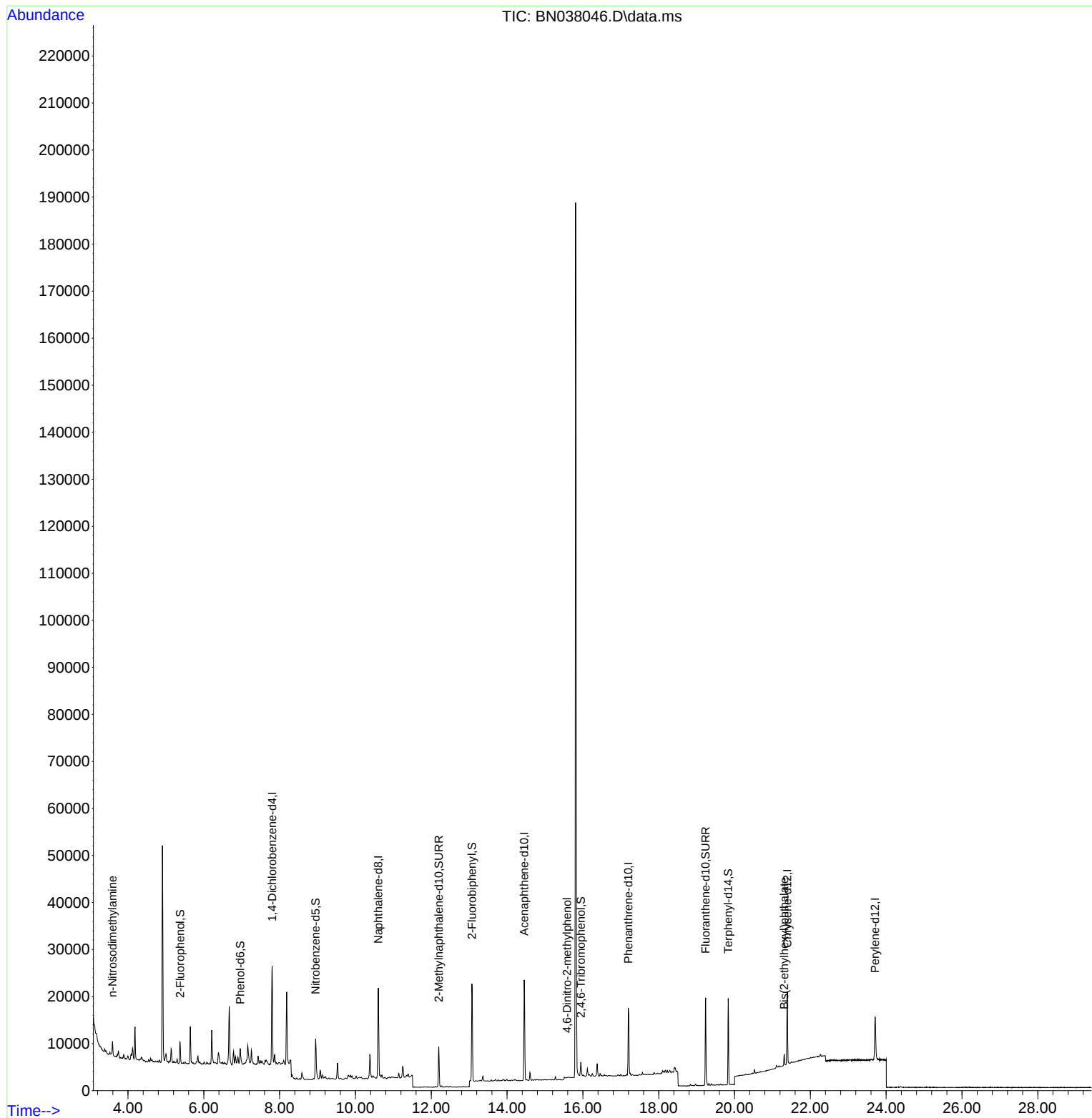
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8674	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	24704	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	12221	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	20976	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	13980	0.400	ng	0.00
35) Perylene-d12	23.709	264	12901	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3300	0.167	ng	0.00
5) Phenol-d6	6.959	99	2705	0.104	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6703	0.356	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	11481	0.335	ng	-0.02
14) 2,4,6-Tribromophenol	15.944	330	1563	0.337	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	17616	0.352	ng	-0.02
27) Fluoranthene-d10	19.238	212	19934	0.378	ng	-0.01
31) Terphenyl-d14	19.833	244	16602	0.596	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.593	42	364	0.031	ng	# 20
20) 4,6-Dinitro-2-methylph...	15.584	198	10	0.071	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	2432	0.126	ng	99

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

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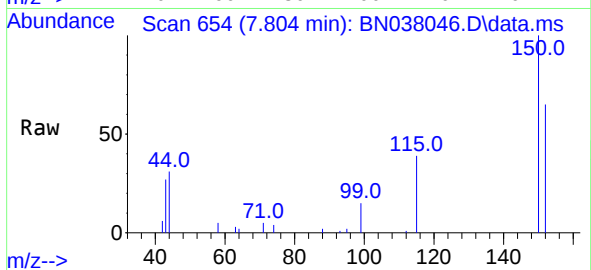
Quant Time: Oct 07 15:30:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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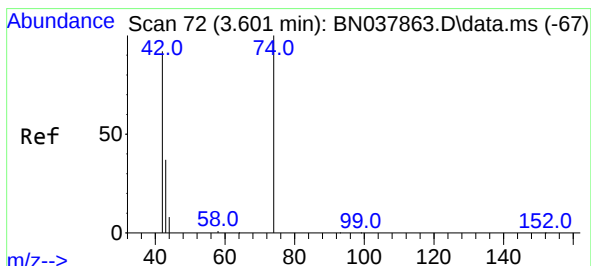
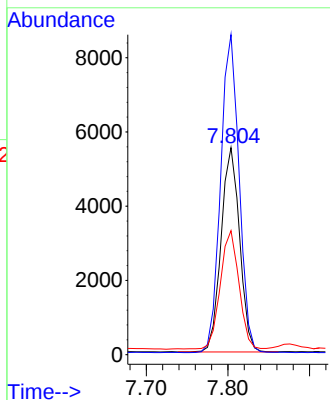
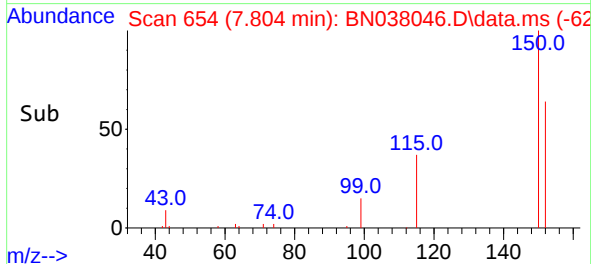


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-620-622

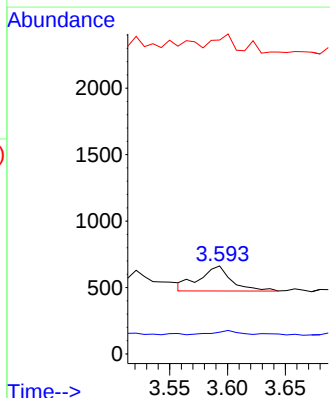
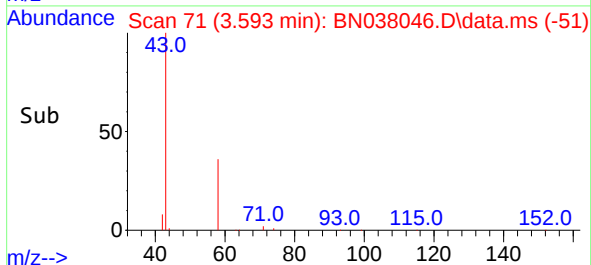
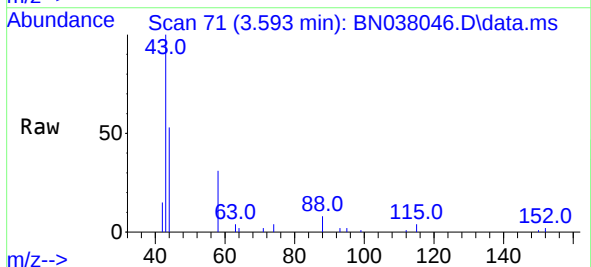


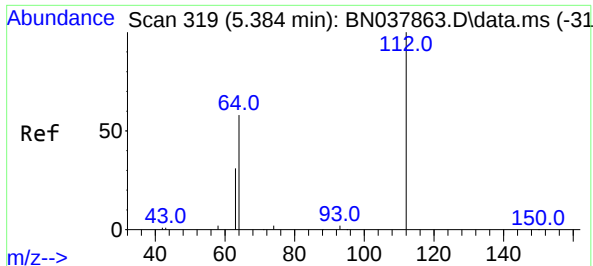
Tgt Ion:152 Resp: 8674
Ion Ratio Lower Upper
152 100
150 154.5 121.0 181.4
115 59.9 47.4 71.0



#3
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.593 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

Tgt Ion: 42 Resp: 364
Ion Ratio Lower Upper
42 100
74 11.8 93.4 140.0#
44 34.1 22.2 33.4#

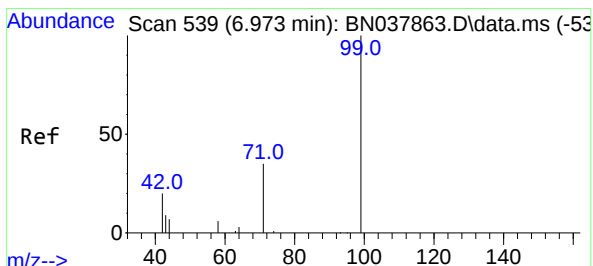
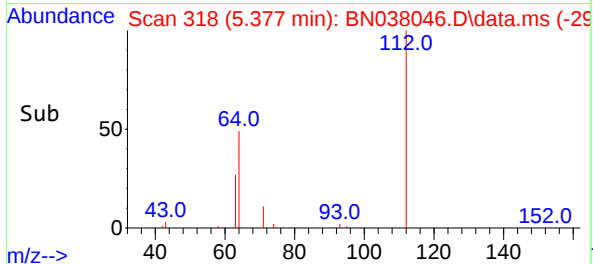
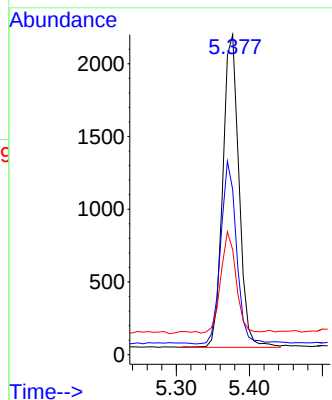
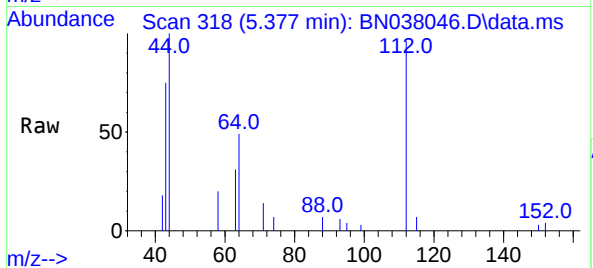




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

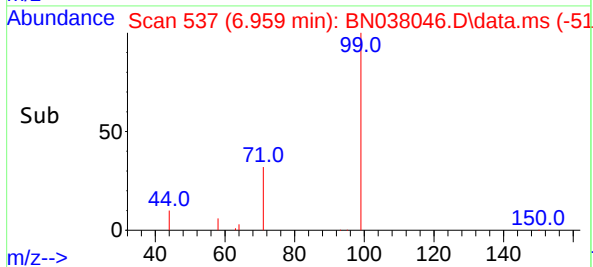
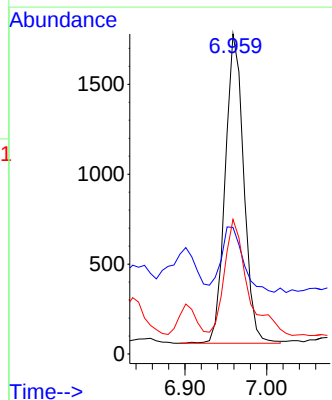
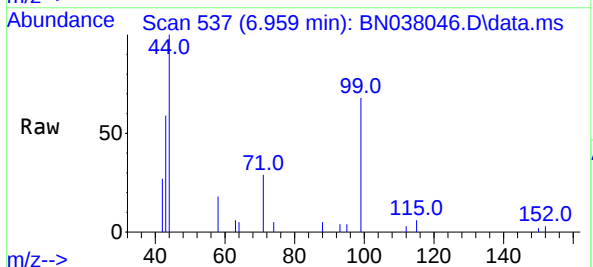
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-620-622

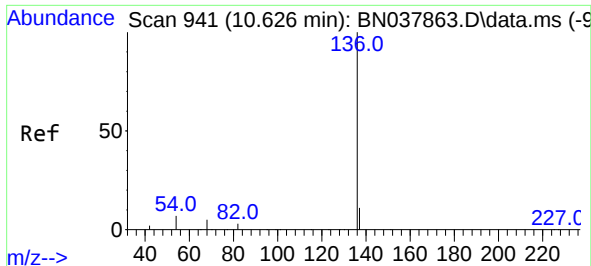
Tgt Ion:112 Resp: 3300
Ion Ratio Lower Upper
112 100
64 57.1 44.6 66.8
63 30.6 24.9 37.3



#5
Phenol-d6
Concen: 0.104 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.015 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

Tgt Ion: 99 Resp: 2705
Ion Ratio Lower Upper
99 100
42 24.4 17.2 25.8
71 46.8 27.3 40.9#



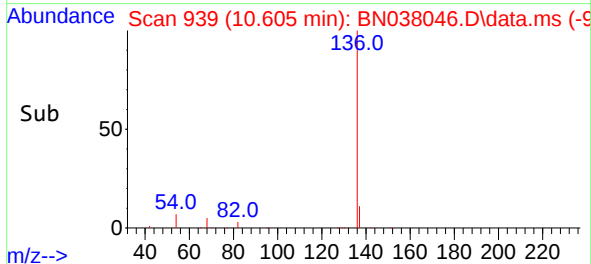
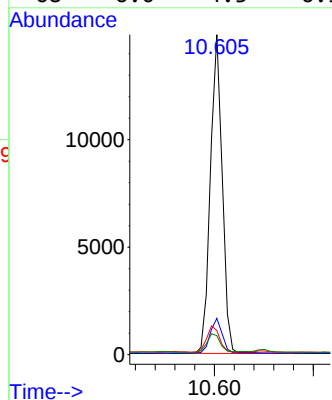
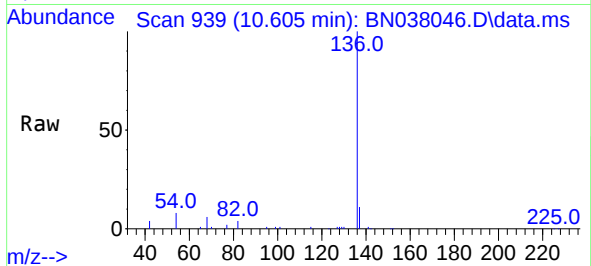


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-620-622

Tgt Ion:136 Resp: 24704

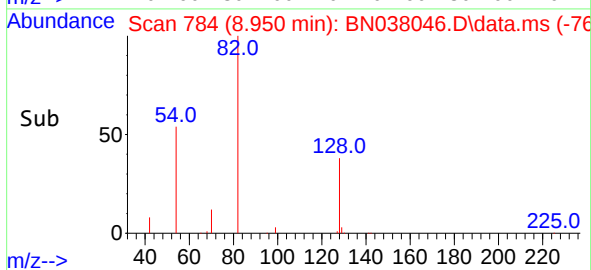
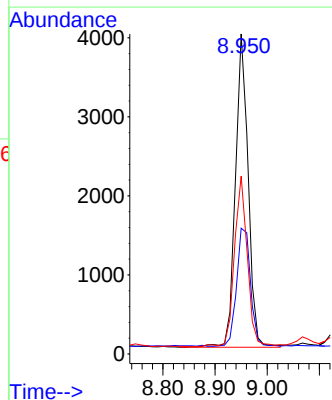
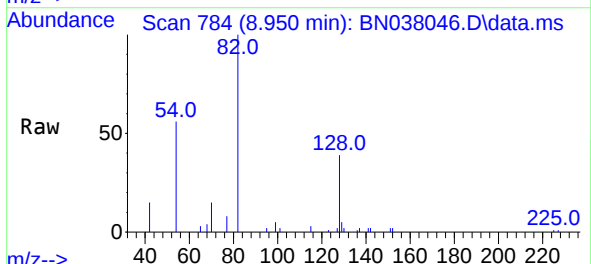
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.6	5.8	8.8
68	6.0	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

Tgt Ion: 82 Resp: 6703

Ion	Ratio	Lower	Upper
82	100		
128	39.3	34.8	52.2
54	55.6	42.2	63.2

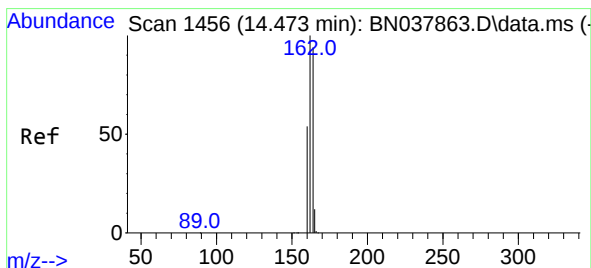
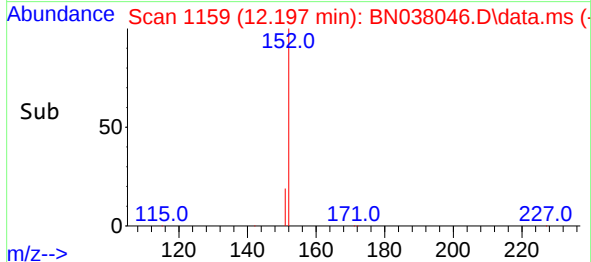
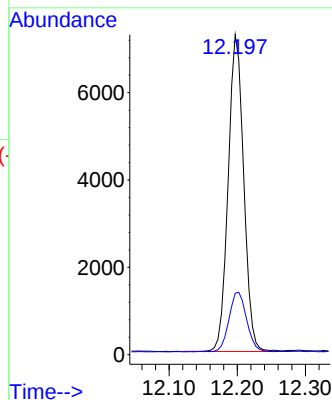
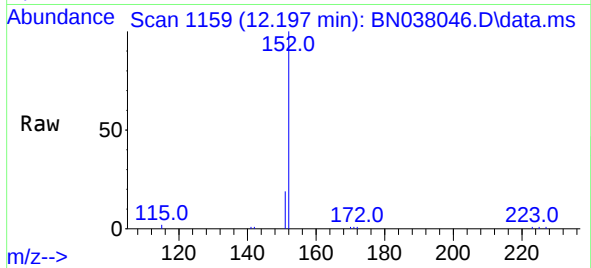




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.197 min Scan# 1163
Delta R.T. -0.020 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

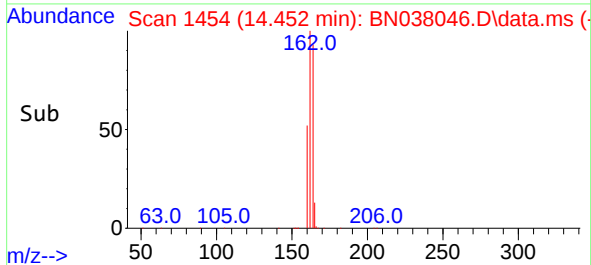
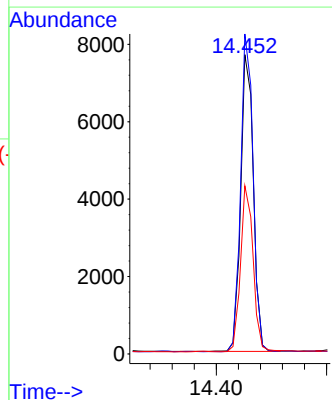
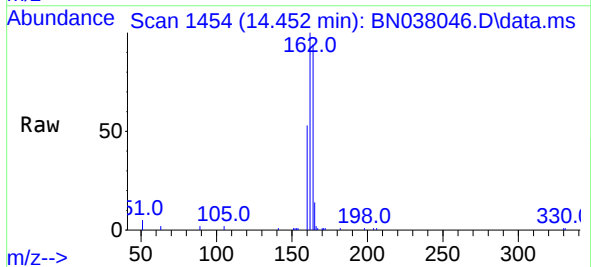
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-620-622

Tgt Ion:152 Resp: 11481
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

Tgt Ion:164 Resp: 12221
Ion Ratio Lower Upper
164 100
162 106.9 84.8 127.2
160 56.2 46.1 69.1

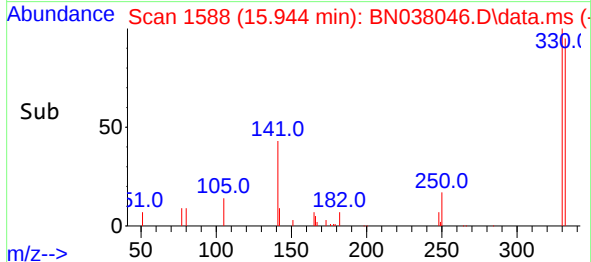
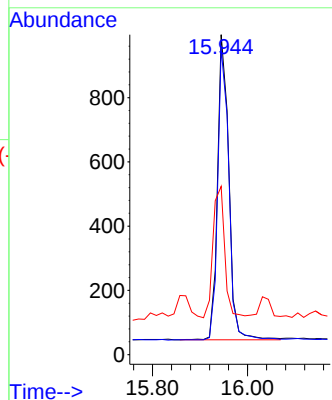
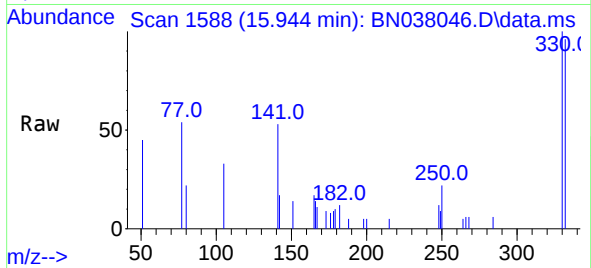




#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.944 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

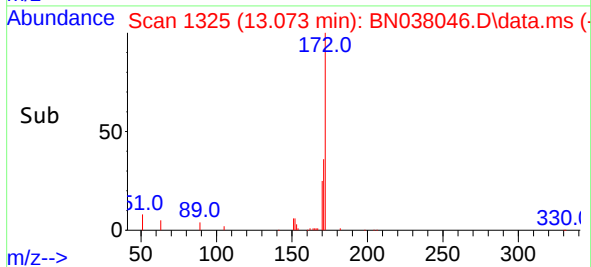
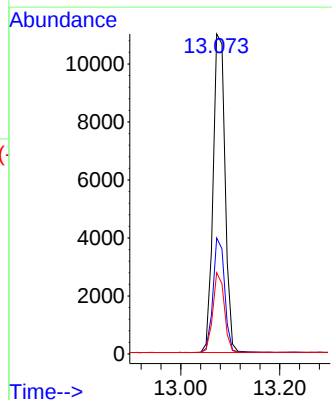
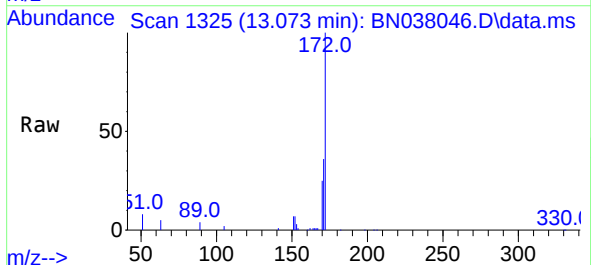
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-620-622

Tgt Ion:330 Resp: 1563
Ion Ratio Lower Upper
330 100
332 94.9 77.2 115.8
141 44.9 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.073 min Scan# 1325
Delta R.T. -0.021 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

Tgt Ion:172 Resp: 17616
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 25.4 19.7 29.5

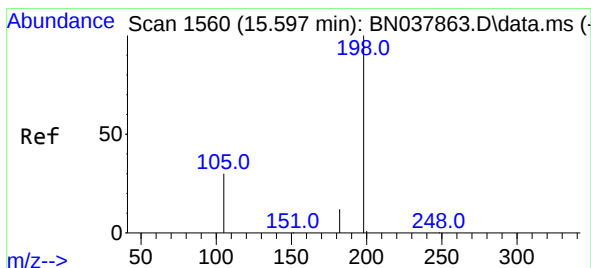
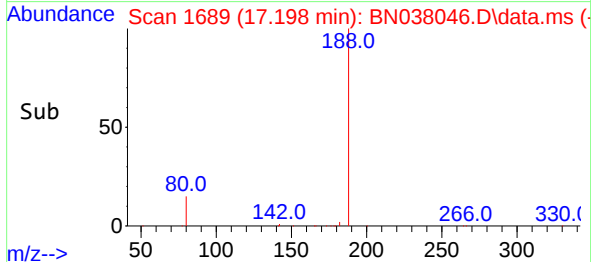
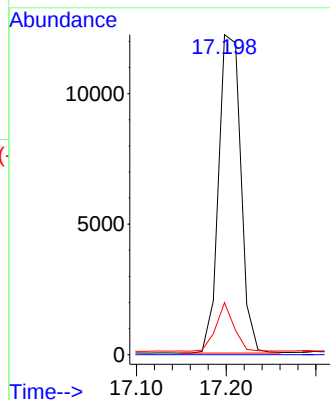
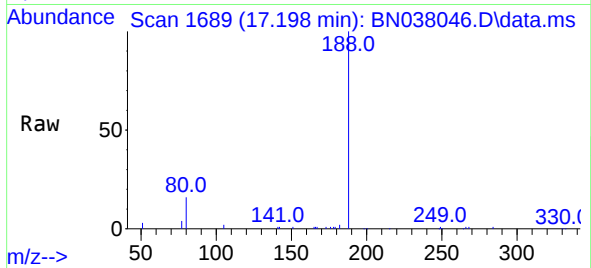




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

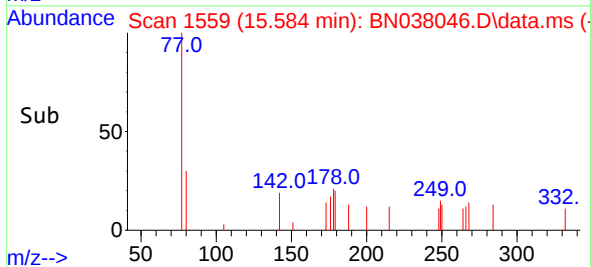
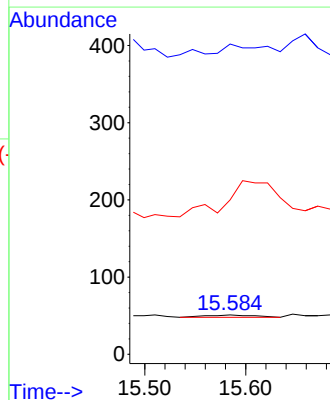
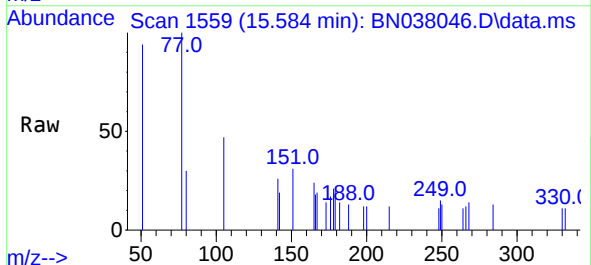
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-620-622

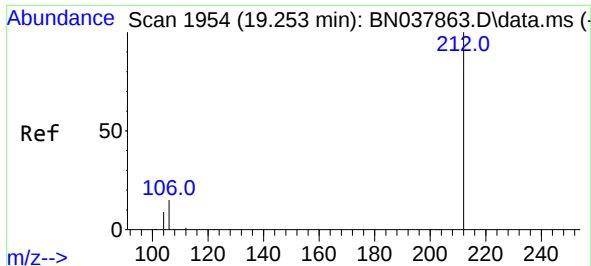
Tgt Ion:188 Resp: 20976
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.3 7.6 11.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.071 ng
RT: 15.584 min Scan# 1559
Delta R.T. -0.013 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

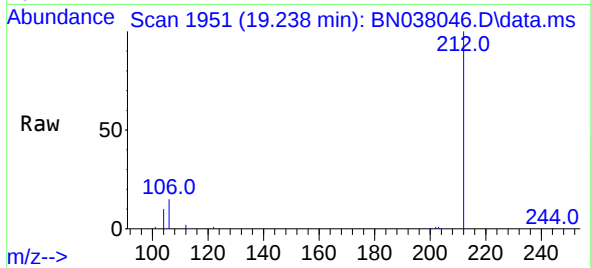
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 788.2 59.1 88.7#
105 392.2 41.3 61.9#



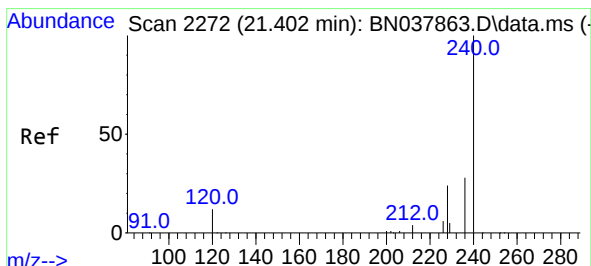
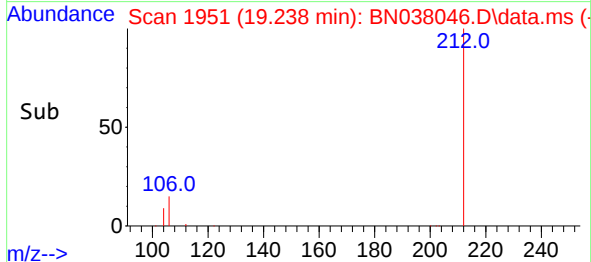
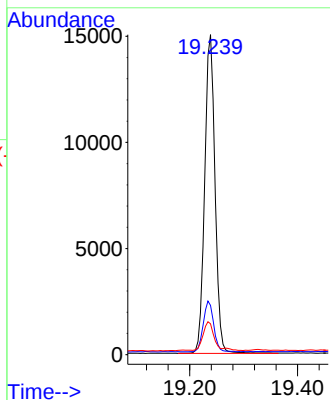


#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-620-622

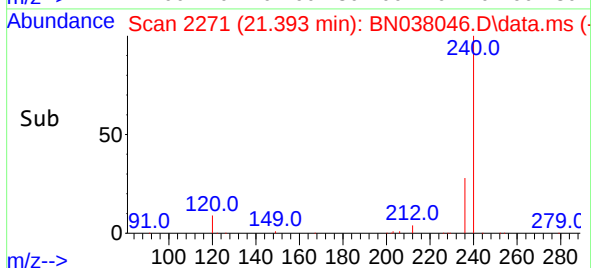
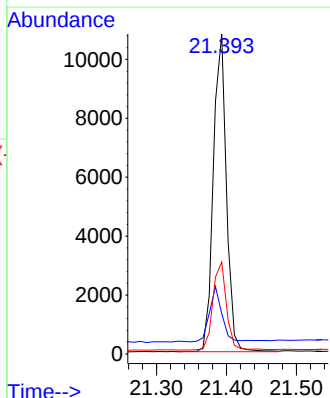
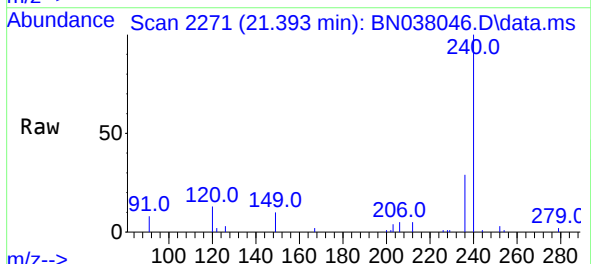


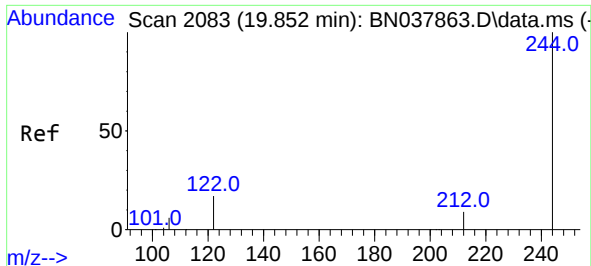
Tgt Ion:212 Resp: 19934
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.2 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

Tgt Ion:240 Resp: 13980
Ion Ratio Lower Upper
240 100
120 12.6 11.4 17.2
236 28.8 23.0 34.6

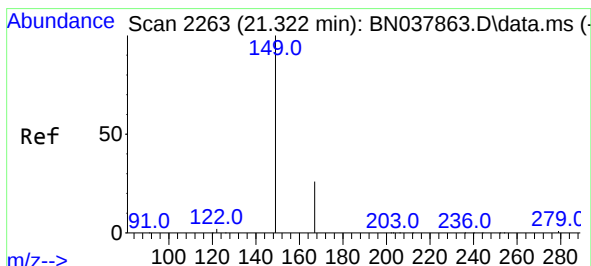
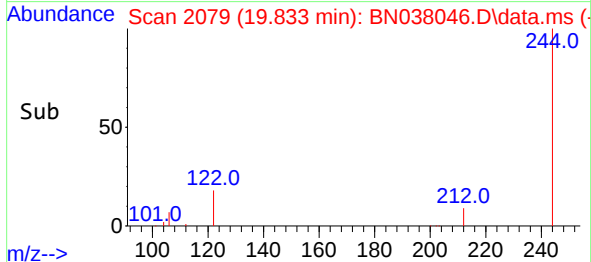
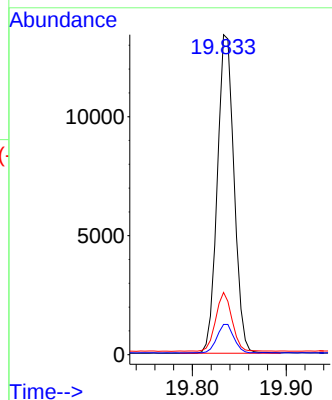
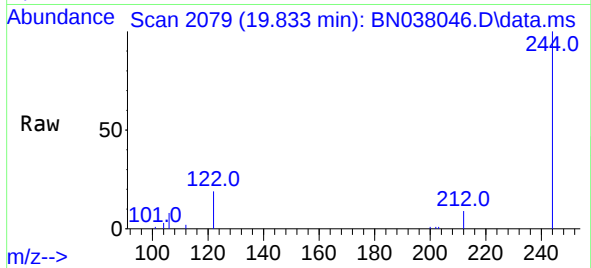




#31
Terphenyl-d14
Concen: 0.596 ng
RT: 19.833 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

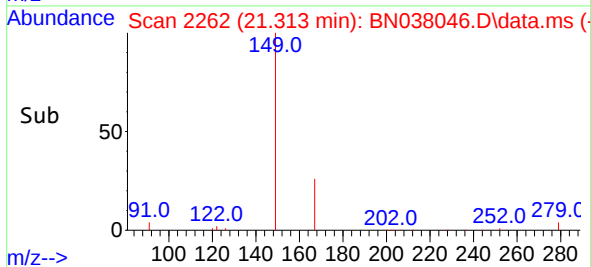
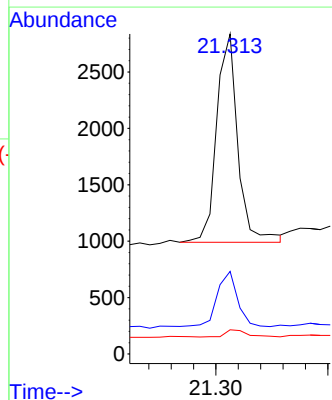
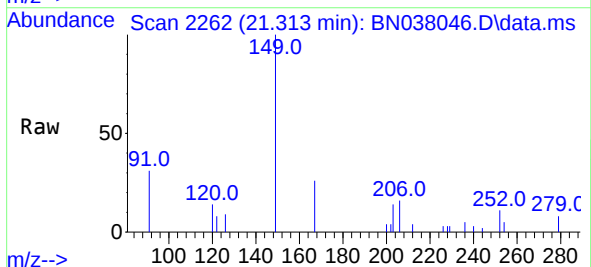
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-620-622

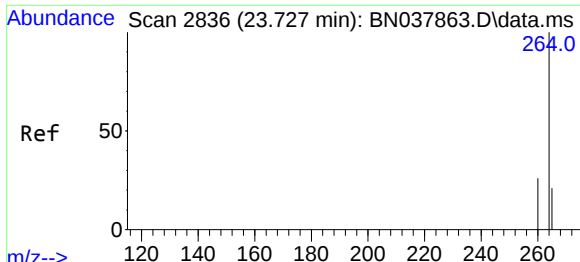
Tgt Ion:244 Resp: 16602
Ion Ratio Lower Upper
244 100
212 9.5 7.6 11.4
122 19.4 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.126 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

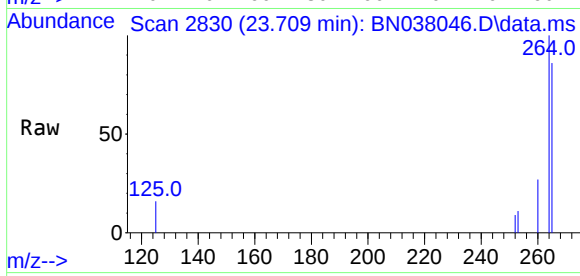
Tgt Ion:149 Resp: 2432
Ion Ratio Lower Upper
149 100
167 25.3 20.4 30.6
279 3.5 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038046.D
Acq: 07 Oct 2025 15:05

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-620-622



Tgt Ion:264 Resp: 12901

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.5	32.3
265	86.4	53.8	80.6

