

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092425\
 Data File : BN037877.D
 Acq On : 24 Sep 2025 15:48
 Operator : RC/JU
 Sample : Q3015-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 24 16:19:06 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)

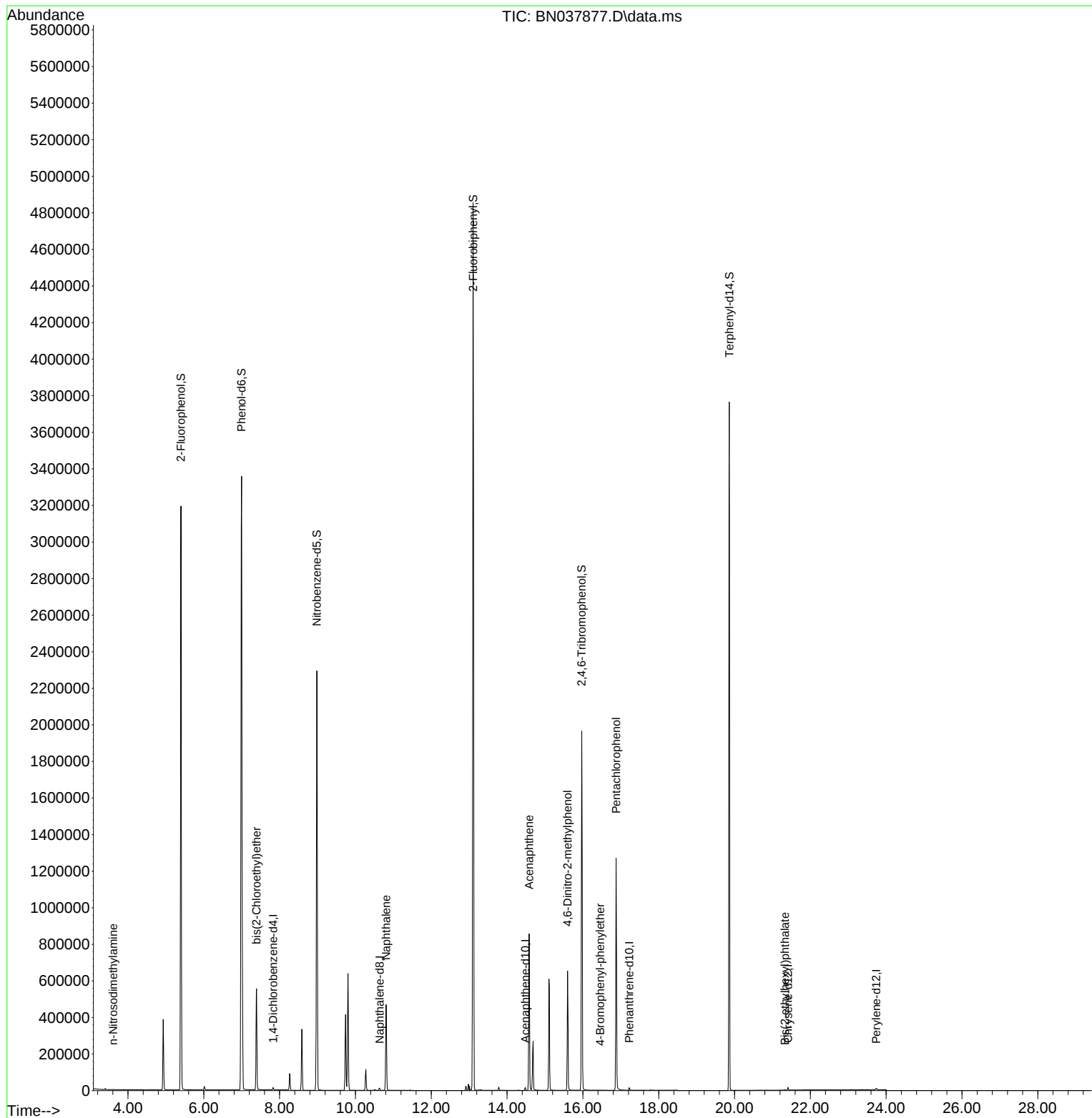
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5760	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17583	0.400	ng	0.01
13) Acenaphthene-d10	14.484	164	8737	0.400	ng	0.01
19) Phenanthrene-d10	17.223	188	16666	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12568	0.400	ng	0.00
35) Perylene-d12	23.741	264	11362	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2442475	185.820	ng	0.01
5) Phenol-d6	6.995	99	3401287	196.945	ng	0.02
8) Nitrobenzene-d5	8.982	82	1681652	125.388	ng	0.01
11) 2-Methylnaphthalene-d10	12.075	152	5	0.000	ng	-0.14
14) 2,4,6-Tribromophenol	15.969	330	1057879	319.317	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	4153453	116.120	ng	0.01
27) Fluoranthene-d10	19.257	212	41	0.001	ng	0.00
31) Terphenyl-d14	19.861	244	3706695	148.066	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.608	42	186	0.024	ng	# 39
6) bis(2-Chloroethyl)ether	7.392	93	21351	1.332	ng	# 1
9) Naphthalene	10.808	128	176442	3.642	ng	# 79
17) Acenaphthene	14.580	154	494479	17.495	ng	# 4
20) 4,6-Dinitro-2-methylph...	15.597	198	398438	33.153	ng	# 86
21) 4-Bromophenyl-phenylether	16.453	248	233	0.021	ng	# 65
24) Pentachlorophenol	16.875	266	537511	118.961	ng	97
34) Bis(2-ethylhexyl)phtha...	21.330	149	1758	0.101	ng	# 100

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

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
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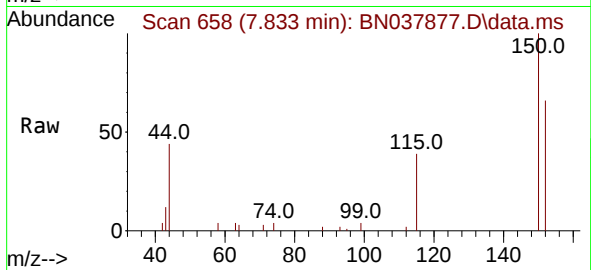
Quant Time: Sep 24 16:19:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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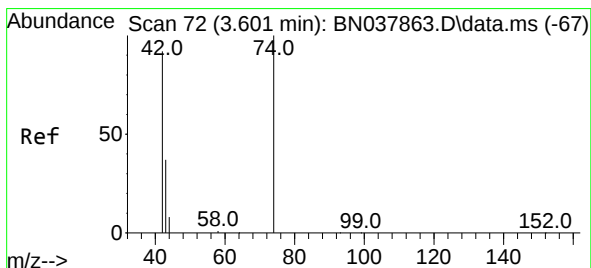
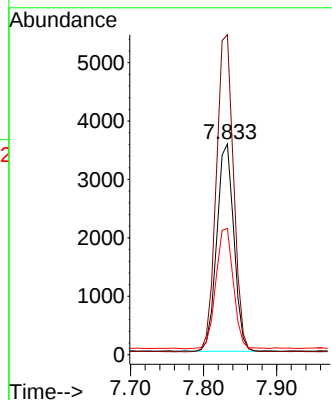
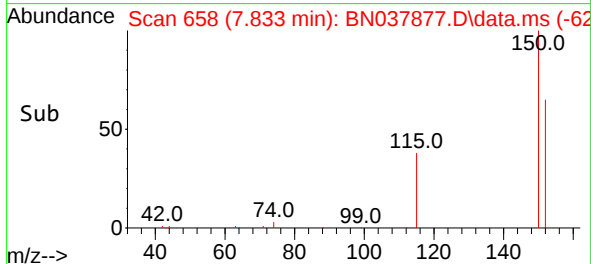


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. 0.008 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Instrument :
BNA_N
ClientSampleId :

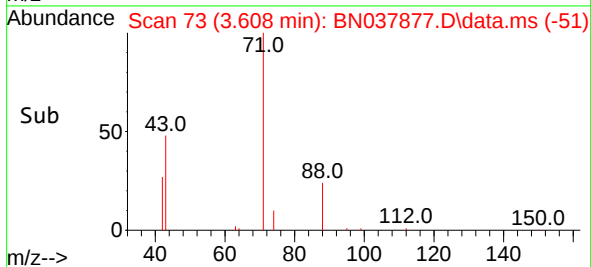
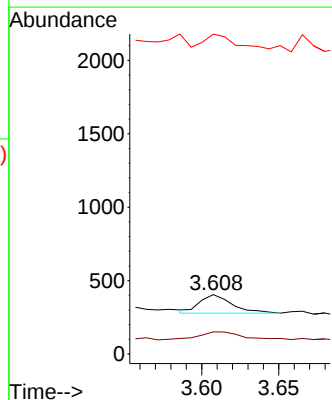
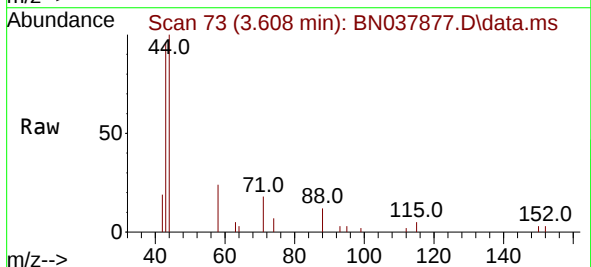


Tgt Ion:152 Resp: 5760
Ion Ratio Lower Upper
152 100
150 151.9 121.0 181.4
115 59.9 47.4 71.0



#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.608 min Scan# 73
Delta R.T. 0.007 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Tgt Ion: 42 Resp: 186
Ion Ratio Lower Upper
42 100
74 60.2 93.4 140.0#
44 80.1 22.2 33.4#

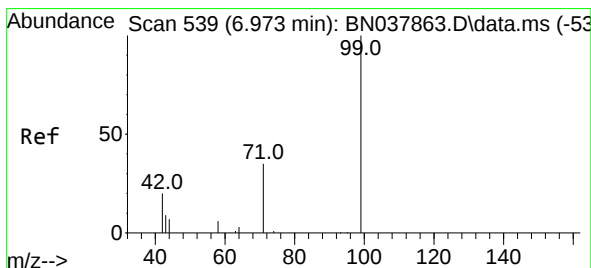
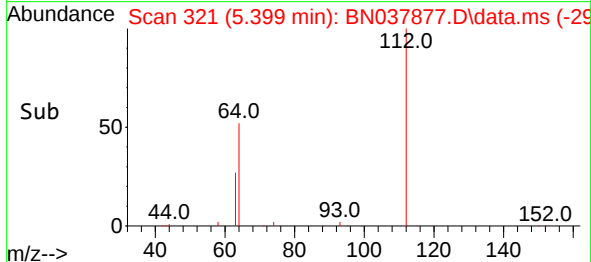
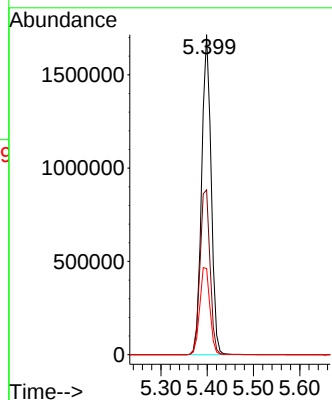
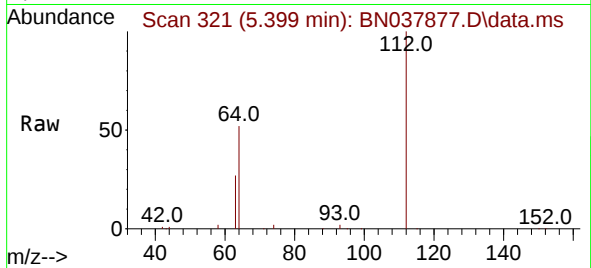




#4
2-Fluorophenol
Concen: 185.820 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.014 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

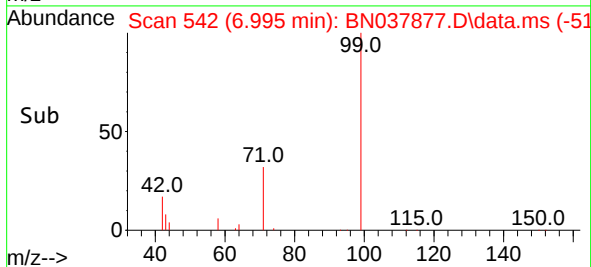
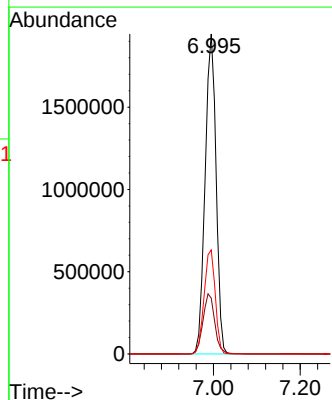
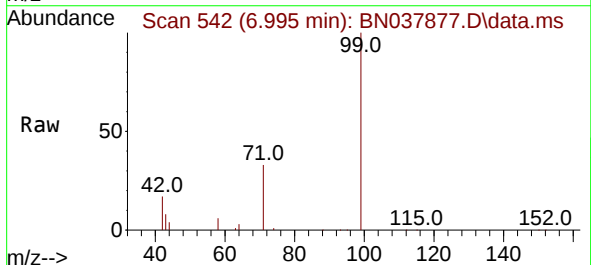
Instrument :
BNA_N
ClientSampleId :

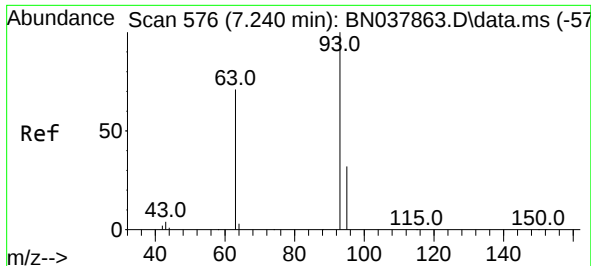
Tgt Ion:112 Resp: 2442475
Ion Ratio Lower Upper
112 100
64 55.0 44.6 66.8
63 29.3 24.9 37.3



#5
Phenol-d6
Concen: 196.945 ng
RT: 6.995 min Scan# 542
Delta R.T. 0.021 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Tgt Ion: 99 Resp: 3401287
Ion Ratio Lower Upper
99 100
42 20.1 17.2 25.8
71 33.2 27.3 40.9

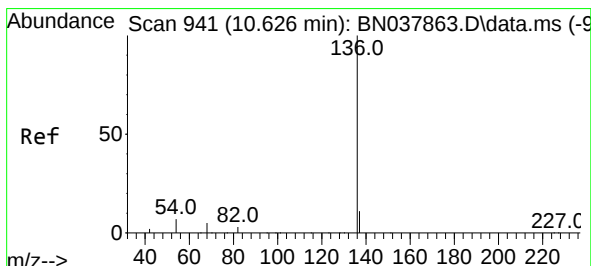
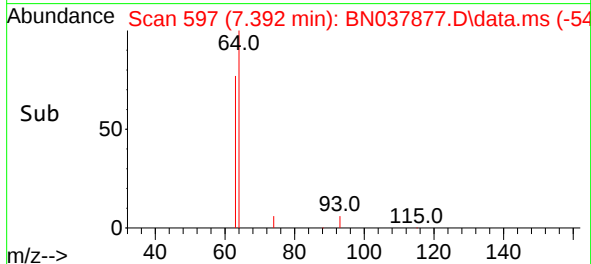
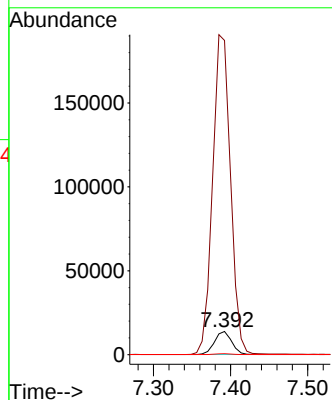
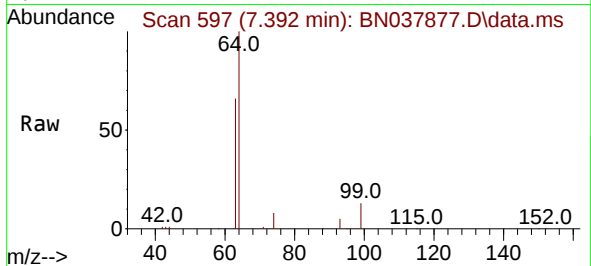




#6
bis(2-Chloroethyl)ether
Concen: 1.332 ng
RT: 7.392 min Scan# 51
Delta R.T. 0.151 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

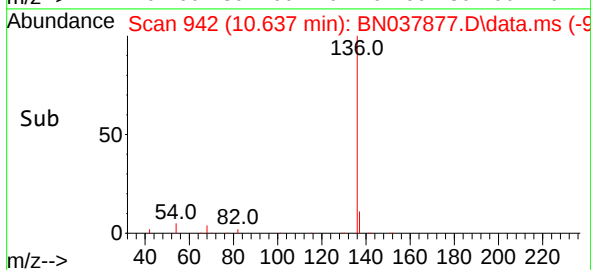
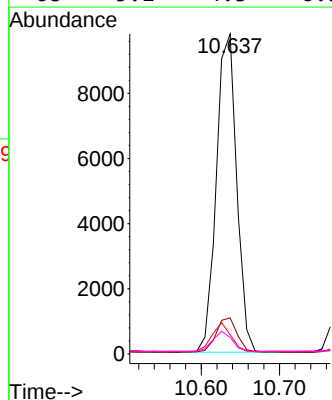
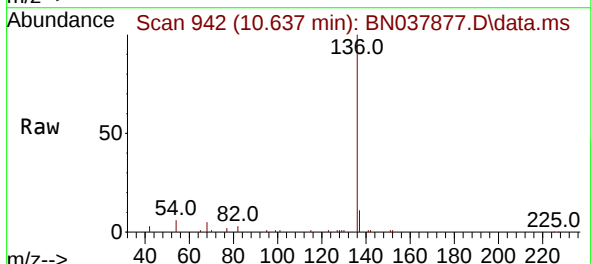
Instrument :
BNA_N
ClientSampleId :

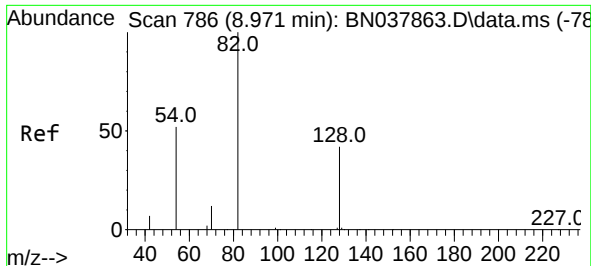
Tgt Ion: 93 Resp: 21351
Ion Ratio Lower Upper
93 100
63 1435.7 60.1 90.1#
95 0.0 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.010 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Tgt Ion: 136 Resp: 17583
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 6.0 5.8 8.8
68 5.1 4.3 6.5

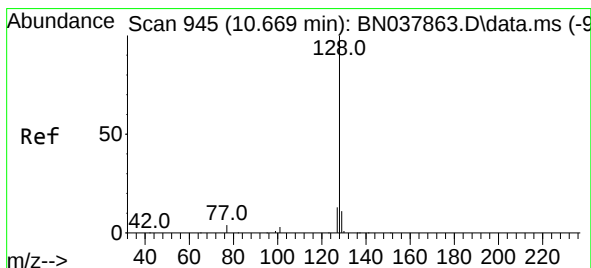
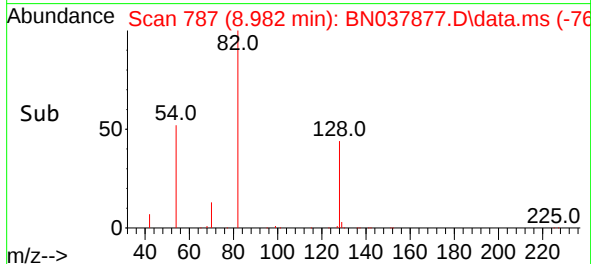
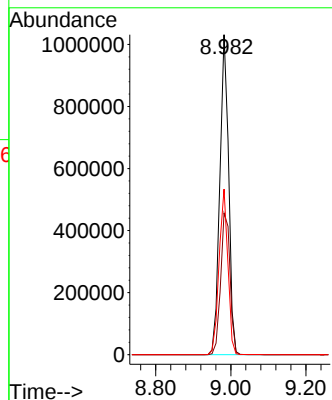
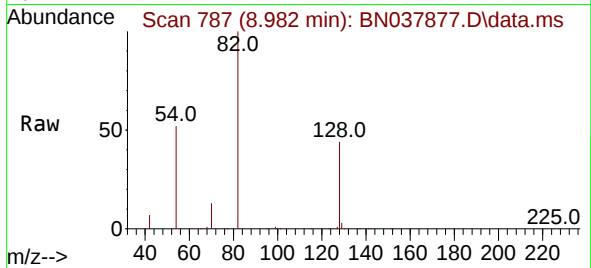




#8
Nitrobenzene-d5
Concen: 125.388 ng
RT: 8.982 min Scan# 71
Delta R.T. 0.010 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

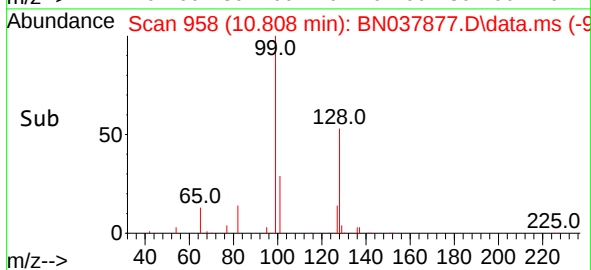
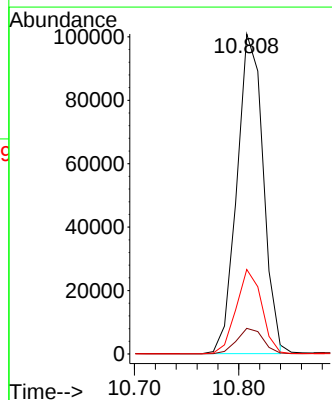
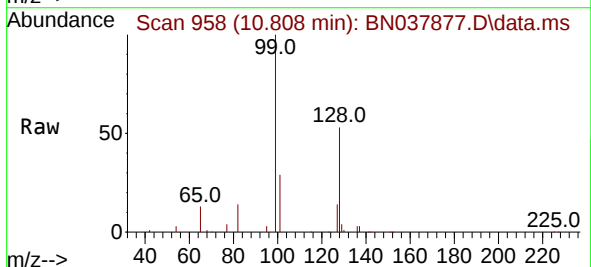
Instrument :
BNA_N
ClientSampleId :

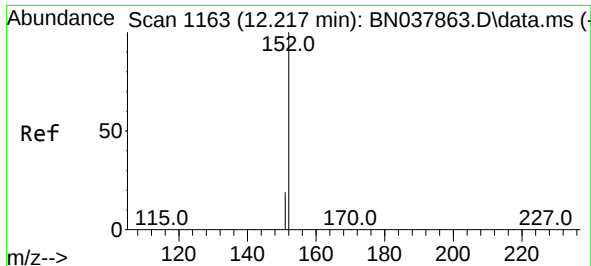
Tgt Ion: 82 Resp: 1681652
Ion Ratio Lower Upper
82 100
128 44.3 34.8 52.2
54 51.8 42.2 63.2



#9
Naphthalene
Concen: 3.642 ng
RT: 10.808 min Scan# 958
Delta R.T. 0.139 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

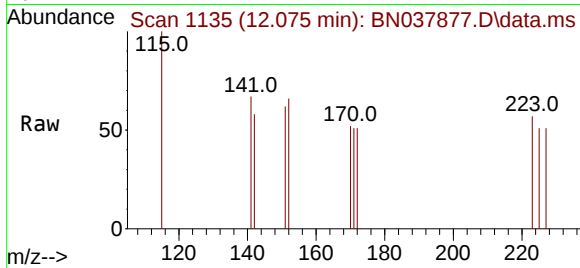
Tgt Ion: 128 Resp: 176442
Ion Ratio Lower Upper
128 100
129 8.0 9.2 13.8#
127 26.4 11.0 16.6#



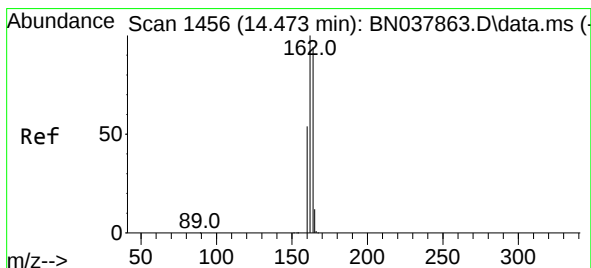
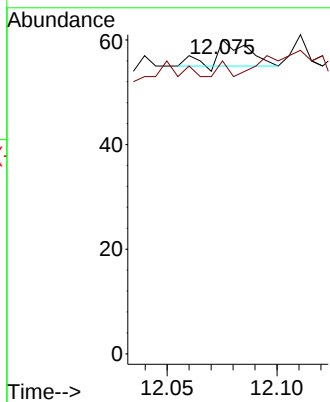
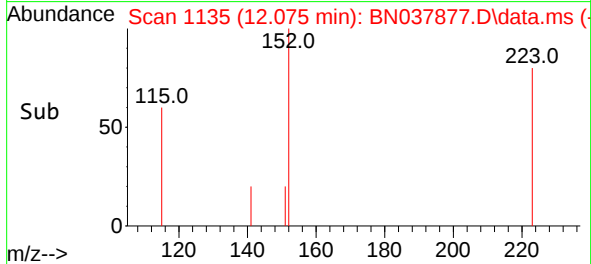


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.075 min Scan# 1163
Delta R.T. -0.142 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Instrument :
BNA_N
ClientSampleId :

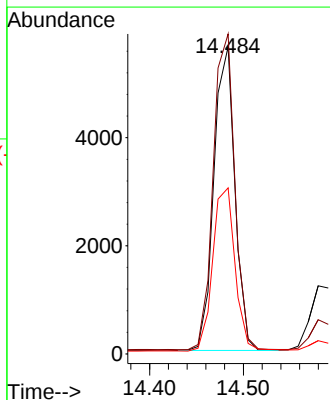
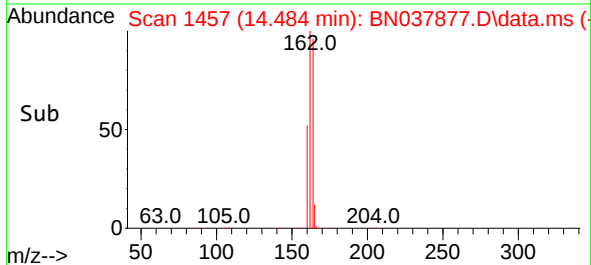
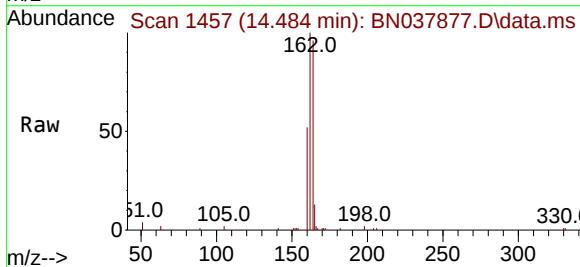


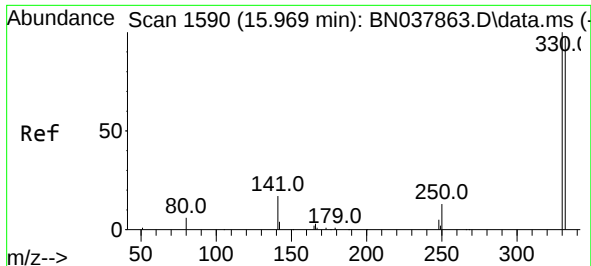
Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 20.0 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. 0.010 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

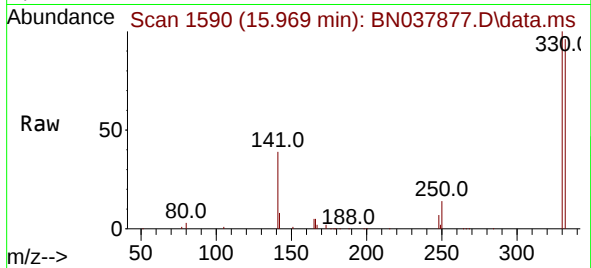
Tgt Ion:164 Resp: 8737
Ion Ratio Lower Upper
164 100
162 104.1 84.8 127.2
160 54.0 46.1 69.1



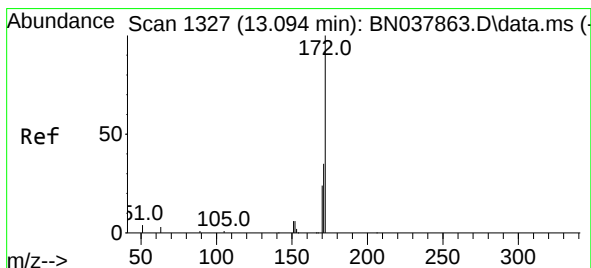
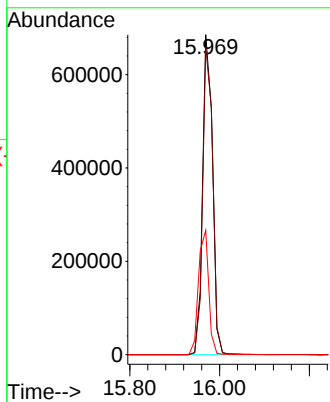
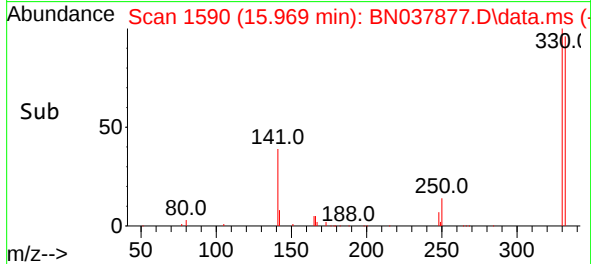


#14
 2,4,6-Tribromophenol
 Concen: 319.317 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. 0.000 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

Instrument :
 BNA_N
 ClientSampleId :

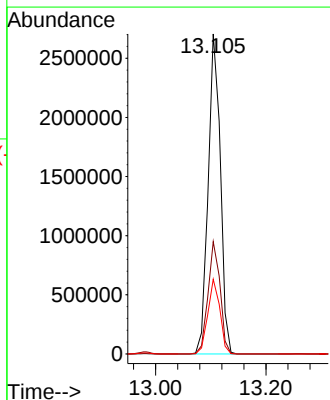
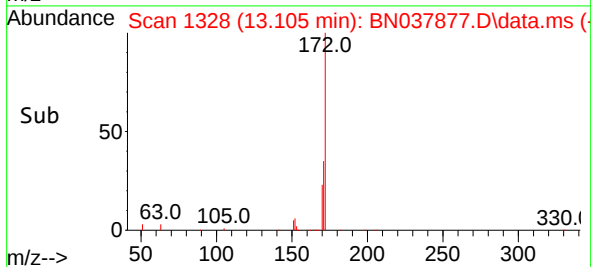
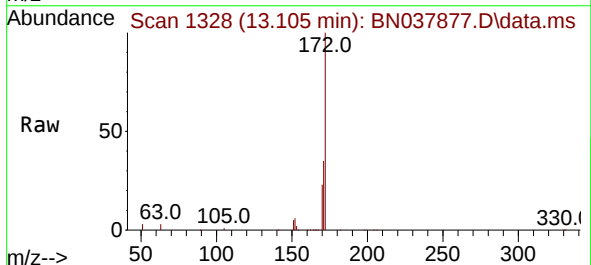


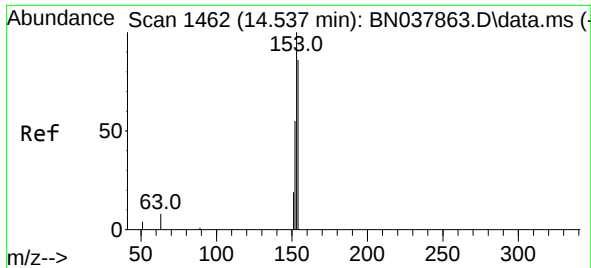
Tgt Ion:330 Resp: 1057879
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.2 115.8
 141 40.1 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 116.120 ng
 RT: 13.105 min Scan# 1328
 Delta R.T. 0.011 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

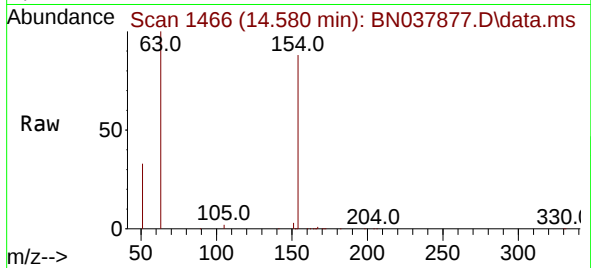
Tgt Ion:172 Resp: 4153453
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.4 19.7 29.5



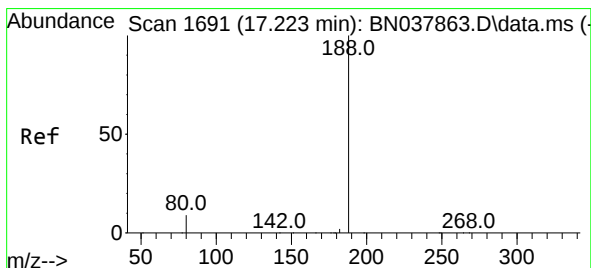
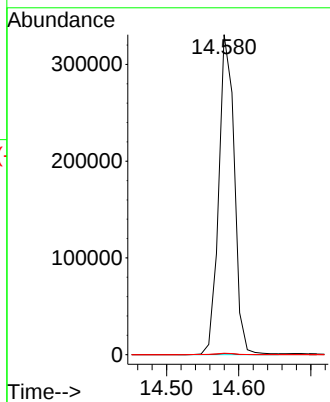
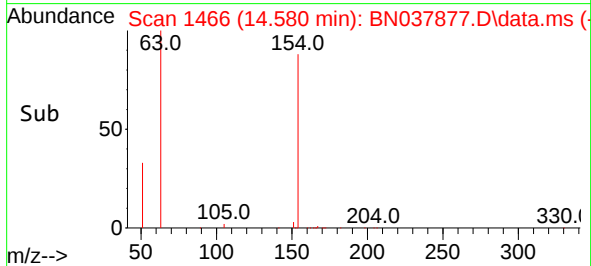


#17
Acenaphthene
Concen: 17.495 ng
RT: 14.580 min Scan# 1466
Delta R.T. 0.043 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

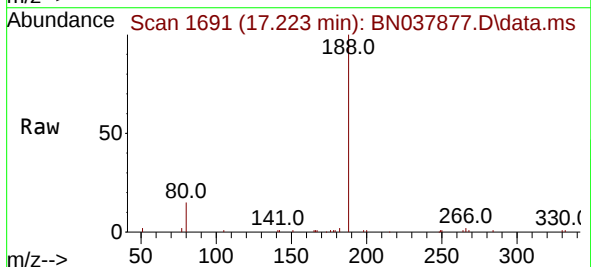
Instrument :
BNA_N
ClientSampleId :



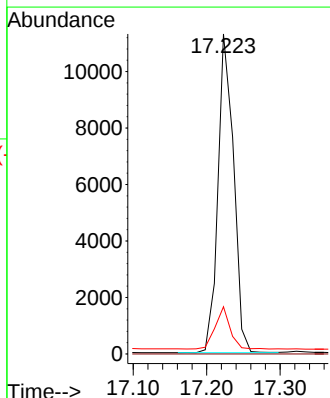
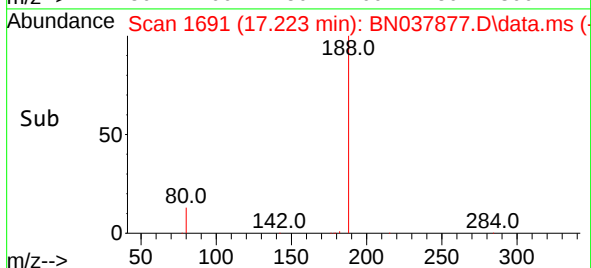
Tgt Ion:154 Resp: 494479
Ion Ratio Lower Upper
154 100
153 0.4 90.5 135.7#
152 0.6 51.8 77.8#

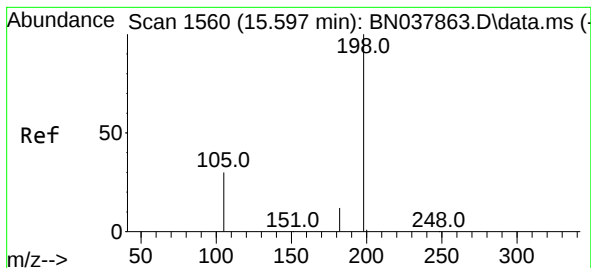


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48



Tgt Ion:188 Resp: 16666
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 7.6 11.4#

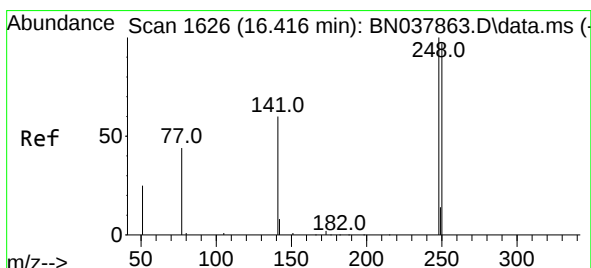
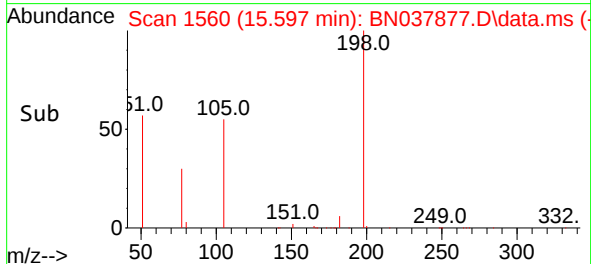
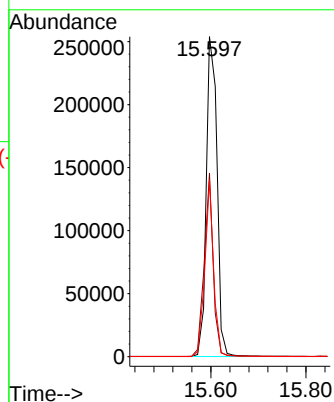
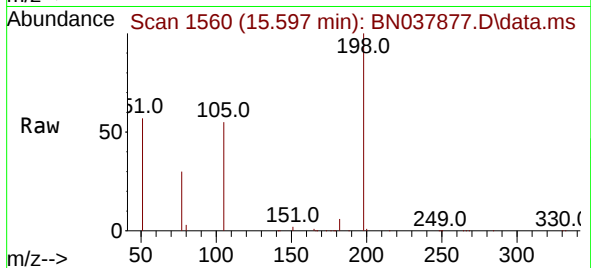




#20
4,6-Dinitro-2-methylphenol
Concen: 33.153 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

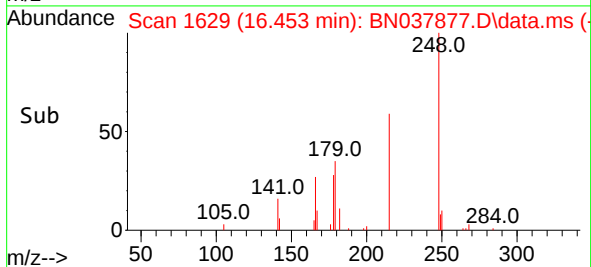
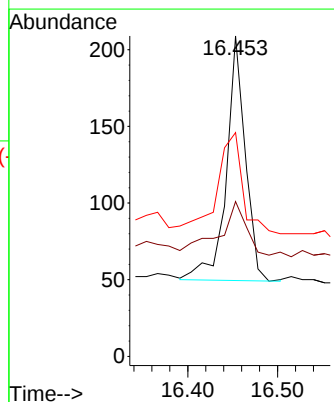
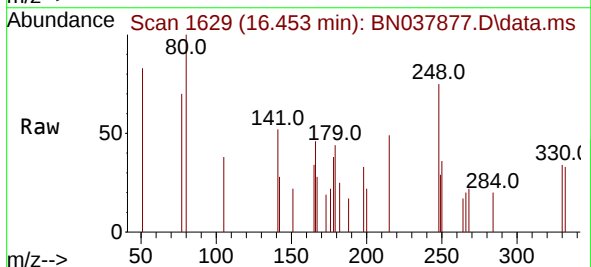
Instrument :
BNA_N
ClientSampleId :

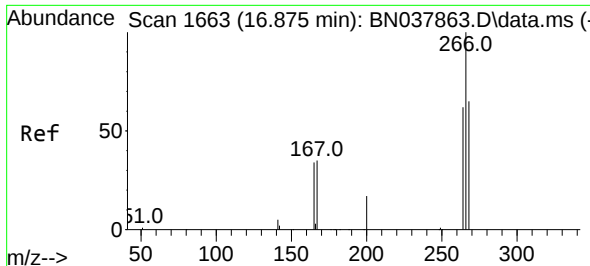
Tgt Ion:198 Resp: 398438
Ion Ratio Lower Upper
198 100
51 57.3 59.1 88.7#
105 55.3 41.3 61.9



#21
4-Bromophenyl-phenylether
Concen: 0.021 ng
RT: 16.453 min Scan# 1629
Delta R.T. 0.037 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Tgt Ion:248 Resp: 233
Ion Ratio Lower Upper
248 100
250 48.3 77.6 116.4#
141 69.9 48.8 73.2

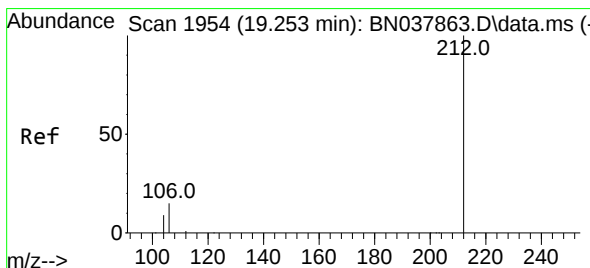
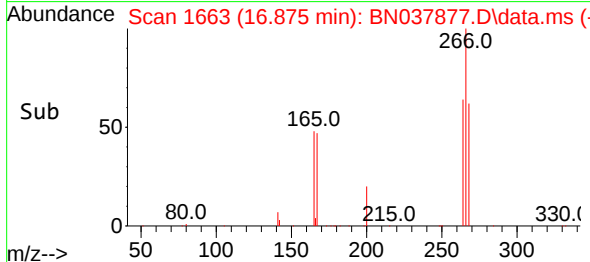
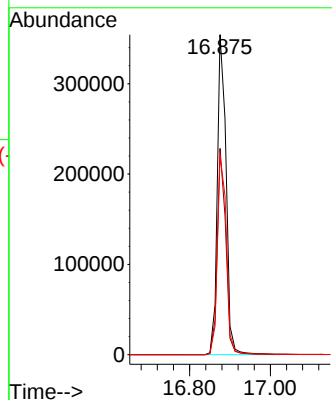
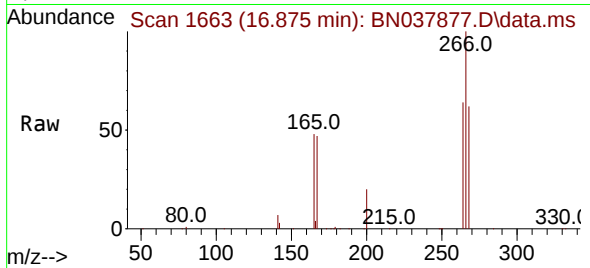




#24
 Pentachlorophenol
 Concen: 118.961 ng
 RT: 16.875 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

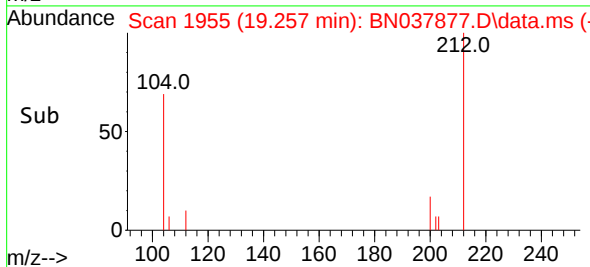
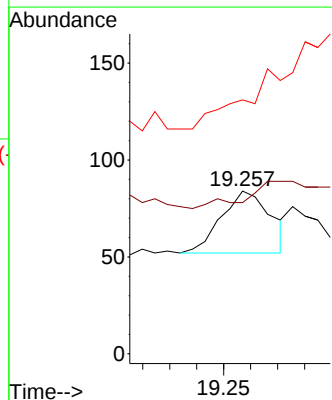
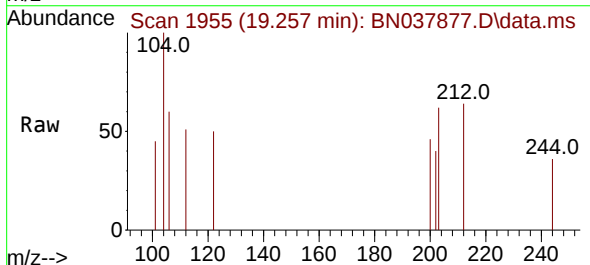
Instrument :
 BNA_N
 ClientSampleId :

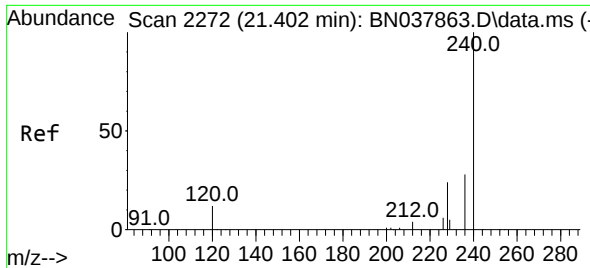
Tgt Ion:266 Resp: 537511
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.9 76.3
 268 64.1 54.3 81.5



#27
 Fluoranthene-d10
 Concen: 0.001 ng
 RT: 19.257 min Scan# 1955
 Delta R.T. 0.004 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

Tgt Ion:212 Resp: 41
 Ion Ratio Lower Upper
 212 100
 106 78.0 12.6 19.0#
 104 0.0 7.4 11.0#

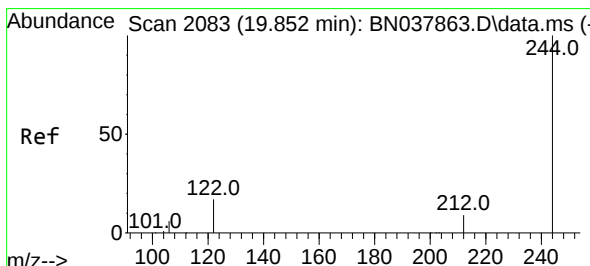
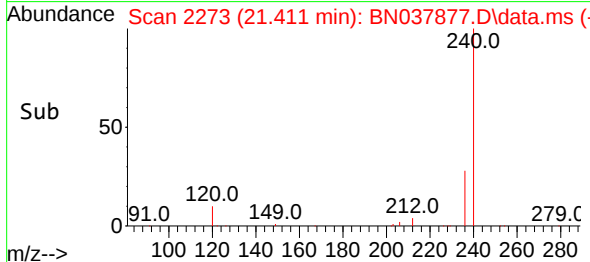
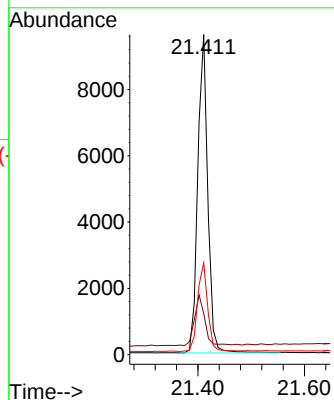
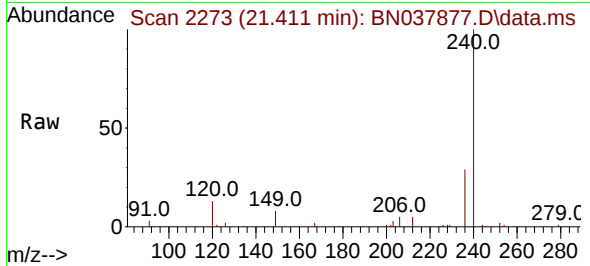




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

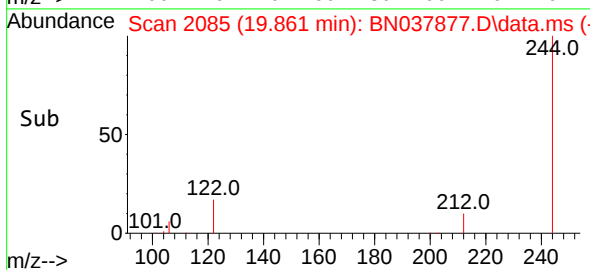
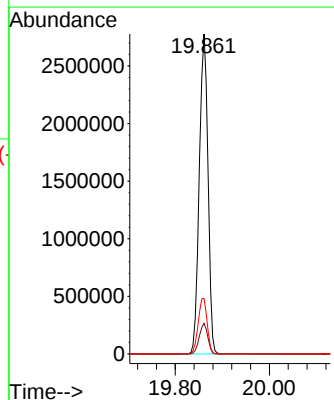
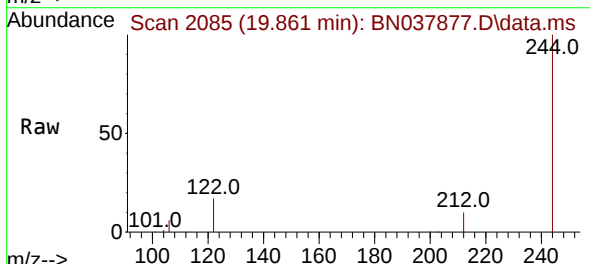
Instrument :
BNA_N
ClientSampleId :

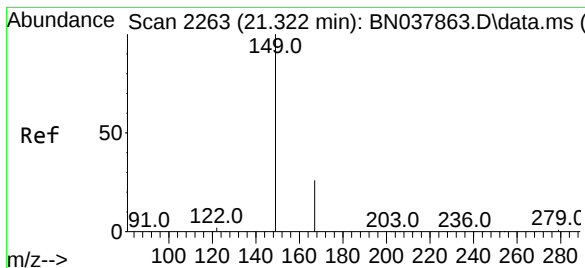
Tgt Ion:240 Resp: 12568
Ion Ratio Lower Upper
240 100
120 12.9 11.4 17.2
236 28.6 23.0 34.6



#31
Terphenyl-d14
Concen: 148.066 ng
RT: 19.861 min Scan# 2085
Delta R.T. 0.009 min
Lab File: BN037877.D
Acq: 24 Sep 2025 15:48

Tgt Ion:244 Resp: 3706695
Ion Ratio Lower Upper
244 100
212 9.5 7.6 11.4
122 17.4 13.9 20.9

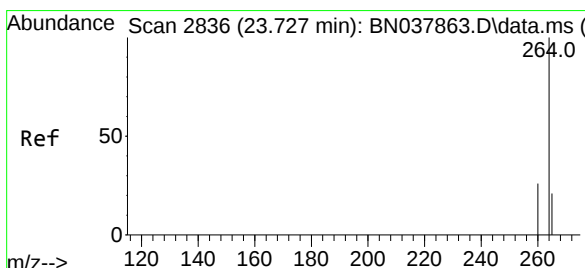
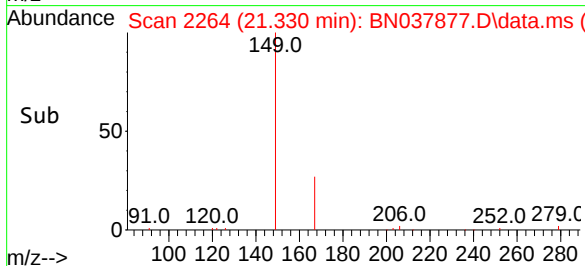
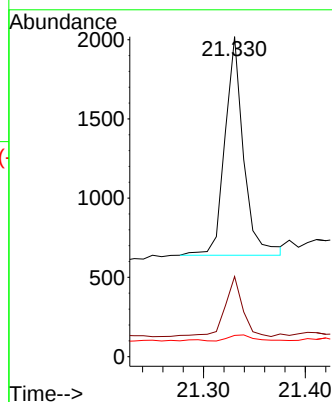
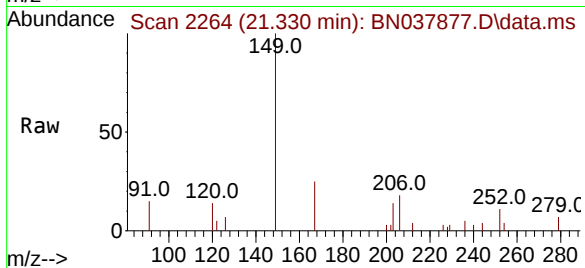




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.330 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1758
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.4 30.6
 279 3.8 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 2841
 Delta R.T. 0.014 min
 Lab File: BN037877.D
 Acq: 24 Sep 2025 15:48

Tgt Ion:264 Resp: 11362
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.5 32.3
 265 79.6 53.8 80.6

