

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038456.D
 Acq On : 17 Dec 2025 00:11
 Operator : RC/JU
 Sample : Q3849-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-67-121125

Quant Time: Dec 17 02:58:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

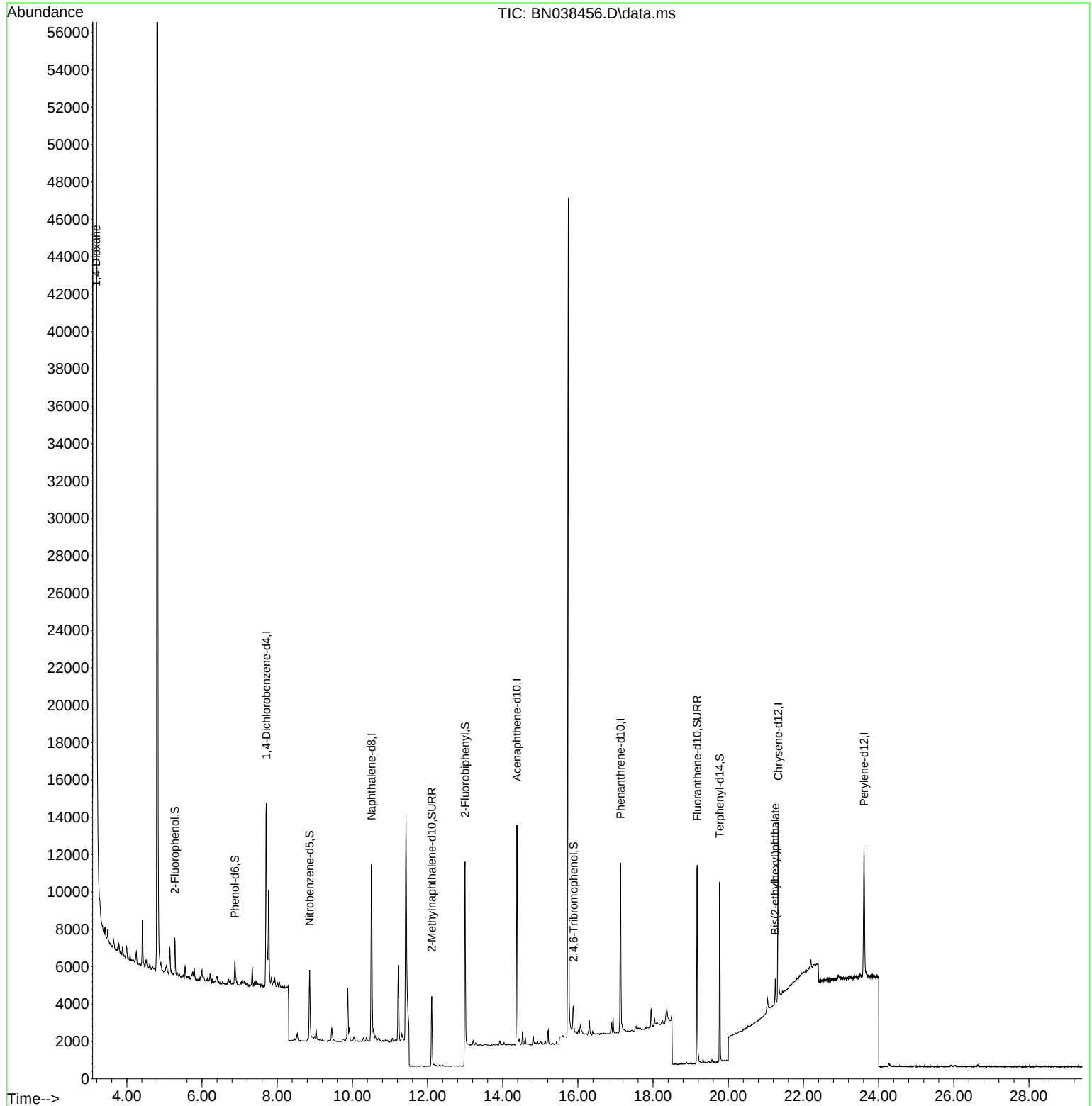
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.710	152	4778	0.400 ng	-0.01
7) Naphthalene-d8	10.509	136	12859	0.400 ng	#-0.02
13) Acenaphthene-d10	14.377	164	6520	0.400 ng	-0.02
19) Phenanthrene-d10	17.136	188	12367	0.400 ng	-0.01
29) Chrysene-d12	21.331	240	9671	0.400 ng	# 0.00
35) Perylene-d12	23.610	264	9727	0.400 ng	-0.02
System Monitoring Compounds					
4) 2-Fluorophenol	5.276	112	1597	0.134 ng	-0.01
5) Phenol-d6	6.872	99	1118	0.079 ng	-0.01
8) Nitrobenzene-d5	8.865	82	3514	0.324 ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	5415	0.299 ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	913	0.316 ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	14156	0.451 ng	0.00
27) Fluoranthene-d10	19.174	212	11345	0.371 ng	-0.01
31) Terphenyl-d14	19.773	244	8549	0.396 ng	-0.02
Target Compounds					
2) 1,4-Dioxane	3.182	88	108590	19.821 ng	98
34) Bis(2-ethylhexyl)phtha...	21.250	149	1242	0.061 ng	# 99

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

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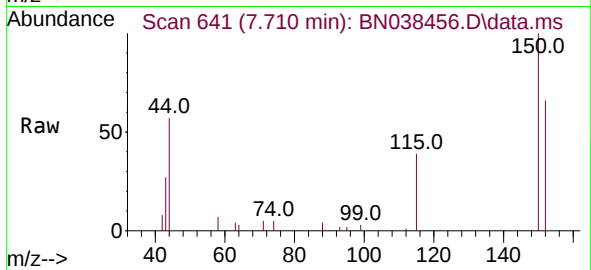
Quant Time: Dec 17 02:58:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
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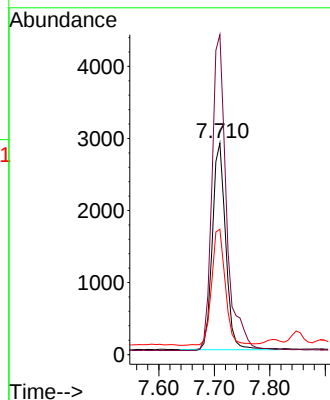
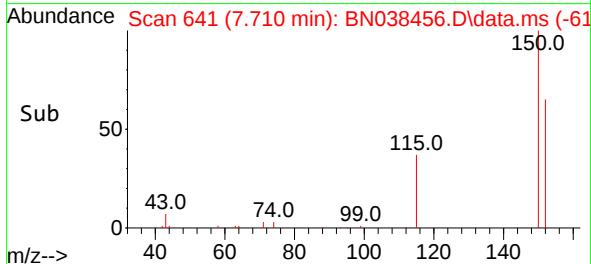


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038456.D
 Acq: 17 Dec 2025 00:11

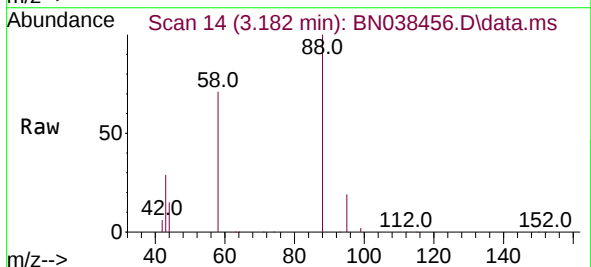
Instrument :
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 RMW-02B-67-121125



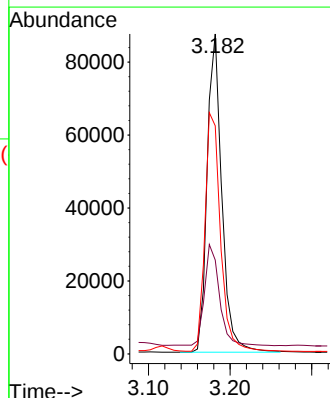
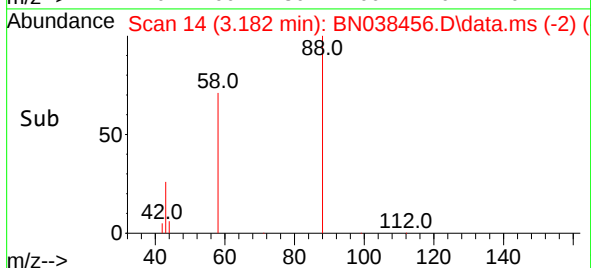
Tgt Ion:152 Resp: 4778
 Ion Ratio Lower Upper
 152 100
 150 151.4 122.4 183.6
 115 59.3 47.3 70.9

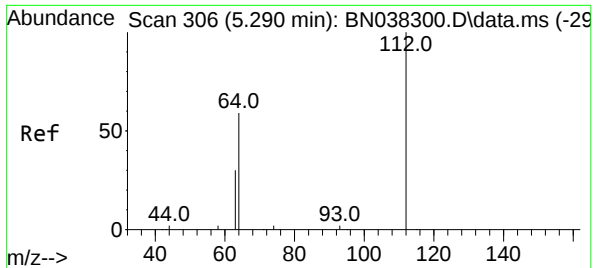


#2
 1,4-Dioxane
 Concen: 19.821 ng
 RT: 3.182 min Scan# 14
 Delta R.T. -0.014 min
 Lab File: BN038456.D
 Acq: 17 Dec 2025 00:11



Tgt Ion: 88 Resp: 108590
 Ion Ratio Lower Upper
 88 100
 43 32.1 24.9 37.3
 58 78.9 61.4 92.0

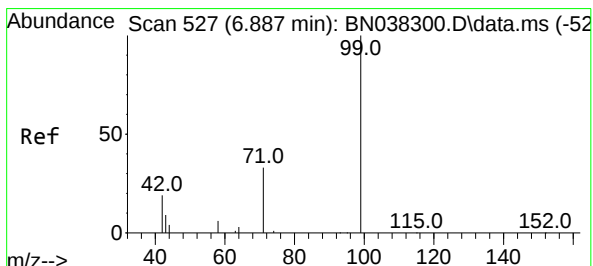
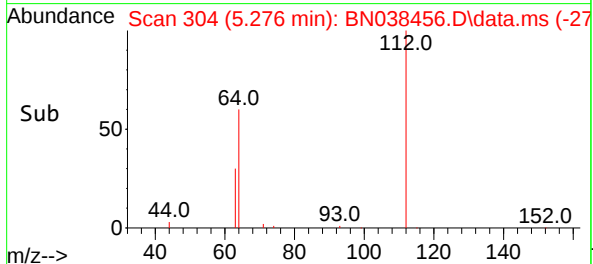
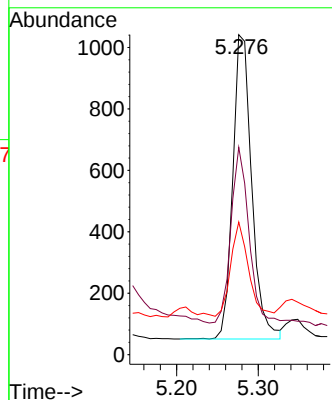
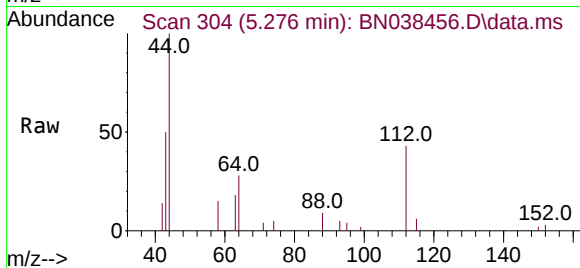




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.276 min Scan# 304
Delta R.T. -0.014 min
Lab File: BN038456.D
Acq: 17 Dec 2025 00:11

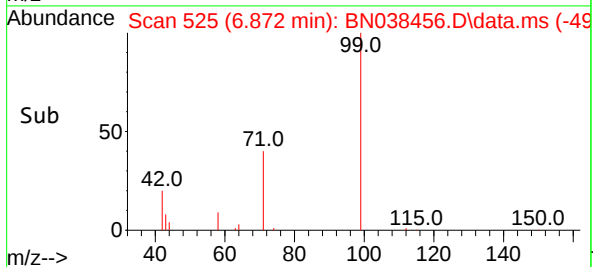
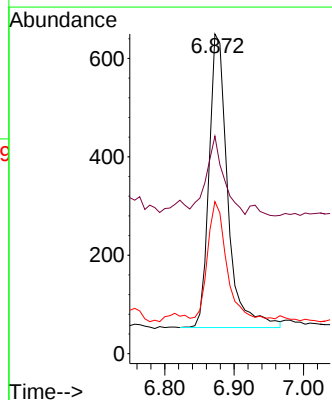
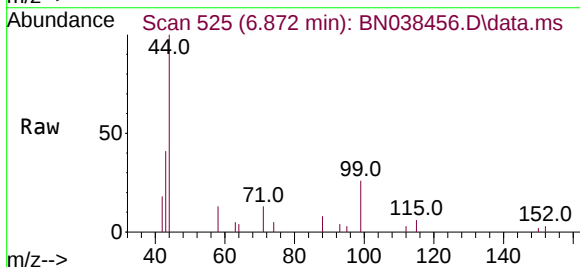
Instrument :
BNA_N
ClientSampleId :
RMW-02B-67-121125

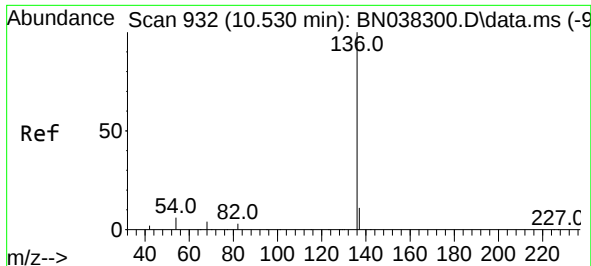
Tgt Ion:	112	Resp:	1597
Ion	Ratio	Lower	Upper
112	100		
64	60.3	44.4	66.6
63	29.1	23.4	35.0



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.014 min
Lab File: BN038456.D
Acq: 17 Dec 2025 00:11

Tgt Ion:	99	Resp:	1118
Ion	Ratio	Lower	Upper
99	100		
42	24.7	16.5	24.7
71	40.9	24.9	37.3

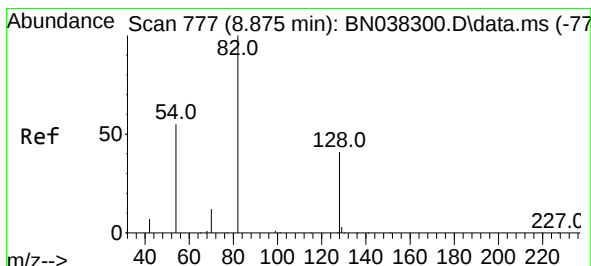
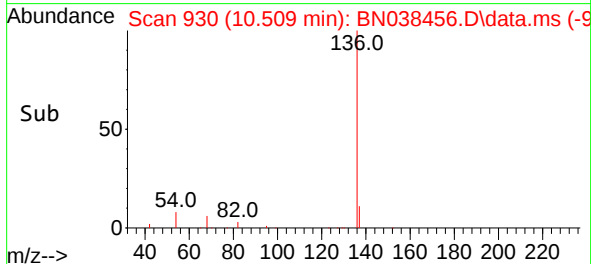
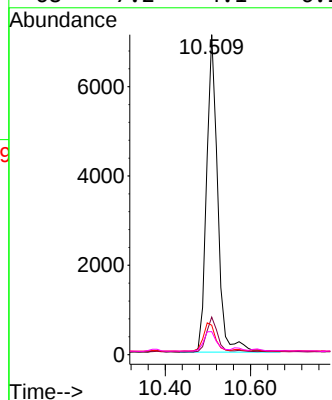
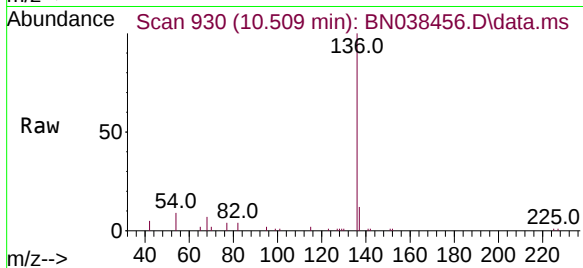




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 931
Delta R.T. -0.021 min
Lab File: BN038456.D
Acq: 17 Dec 2025 00:11

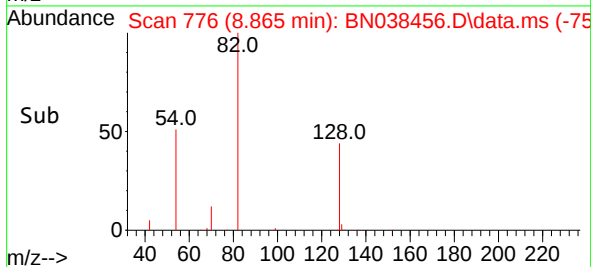
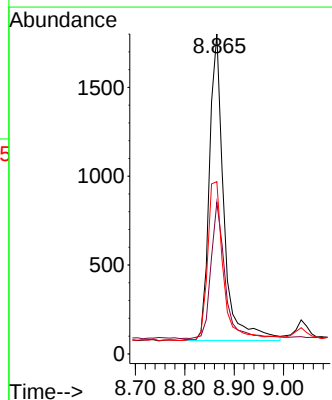
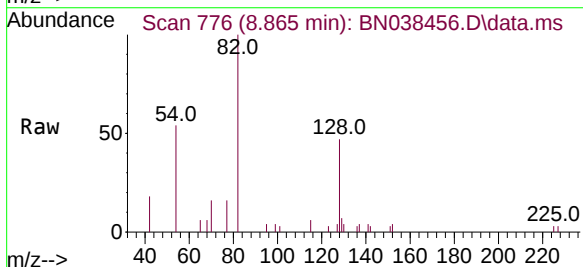
Instrument :
BNA_N
ClientSampleId :
RMW-02B-67-121125

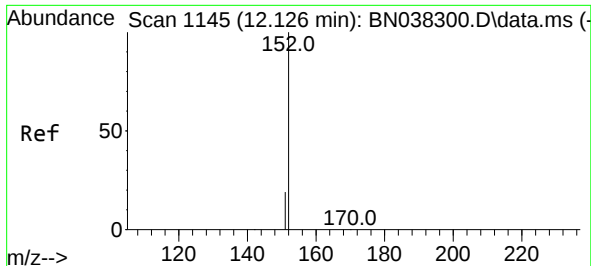
Tgt Ion:136	Resp:	12859
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.1 13.7
54	9.2	5.2 7.8#
68	7.2	4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038456.D
Acq: 17 Dec 2025 00:11

Tgt Ion: 82	Resp:	3514
Ion Ratio	Lower	Upper
82	100	
128	47.4	34.0 51.0
54	53.8	44.4 66.6

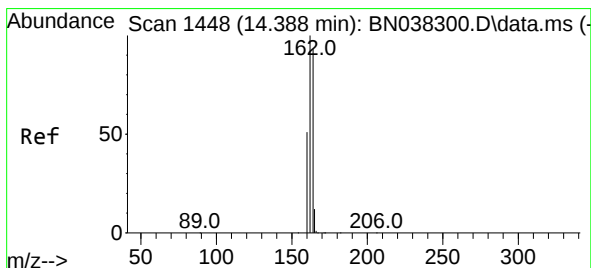
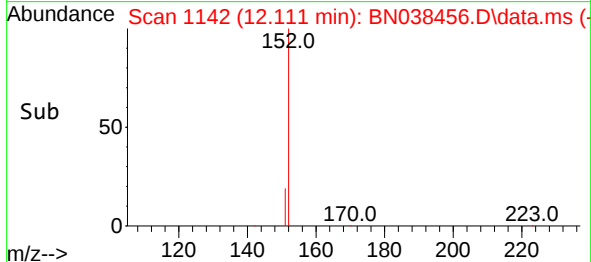
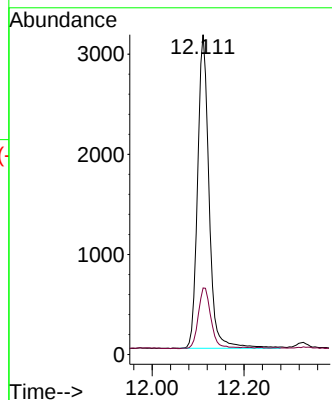
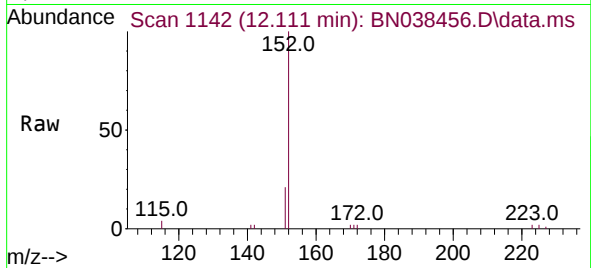




#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 12.111 min Scan# 1145
Delta R.T. -0.015 min
Lab File: BN038456.D
Acq: 17 Dec 2025 00:11

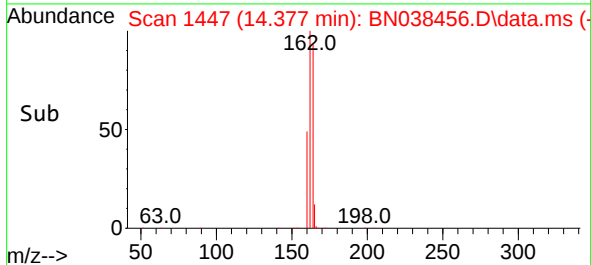
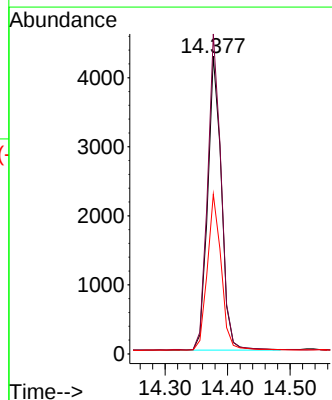
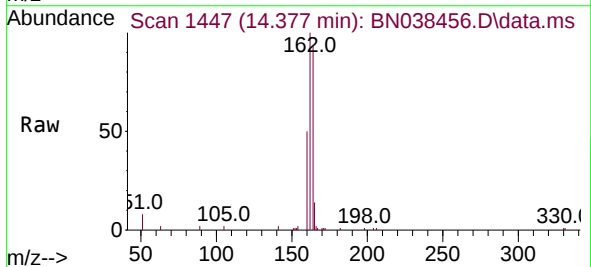
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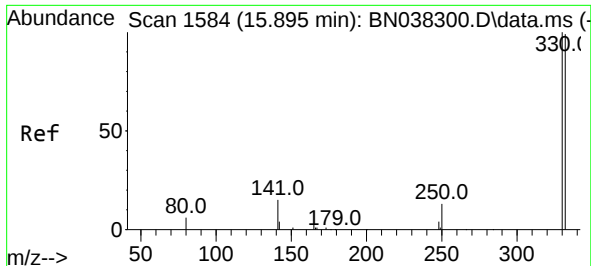
Tgt Ion:152 Resp: 5415
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038456.D
Acq: 17 Dec 2025 00:11

Tgt Ion:164 Resp: 6520
Ion Ratio Lower Upper
164 100
162 107.5 86.2 129.4
160 53.6 44.6 67.0

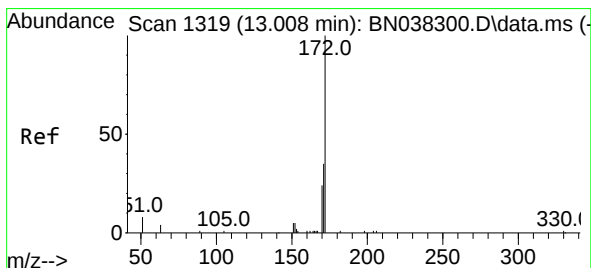
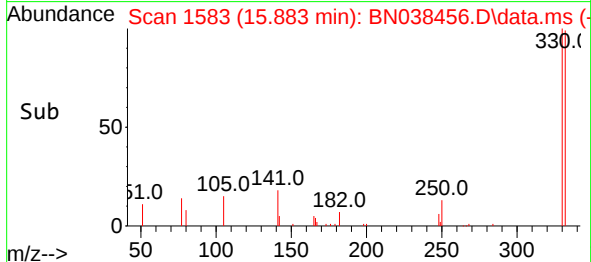
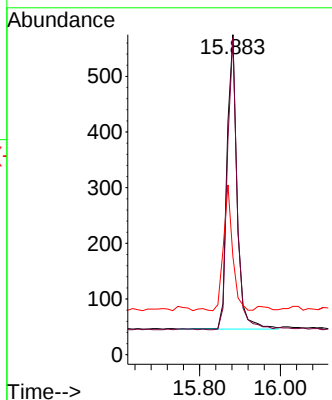
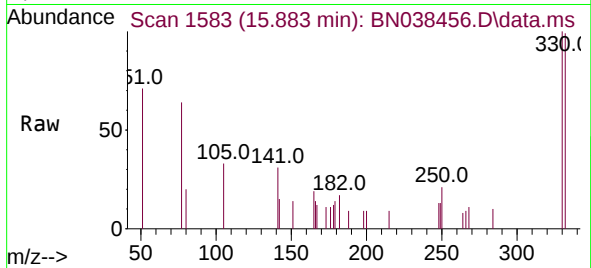




#14
 2,4,6-Tribromophenol
 Concen: 0.316 ng
 RT: 15.883 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN038456.D
 Acq: 17 Dec 2025 00:11

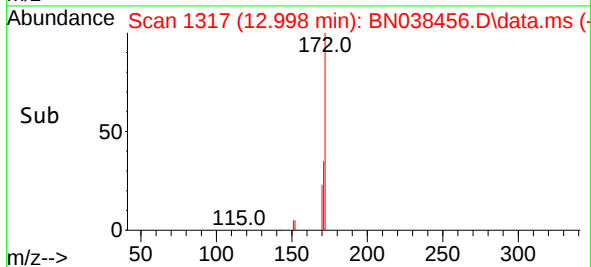
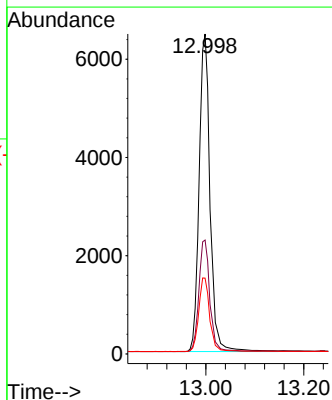
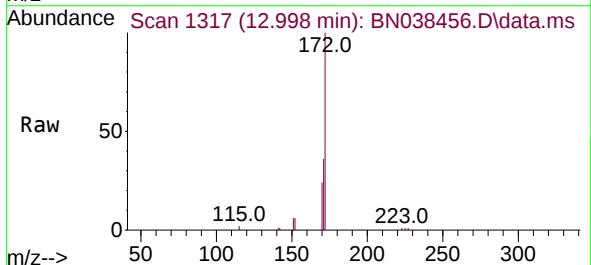
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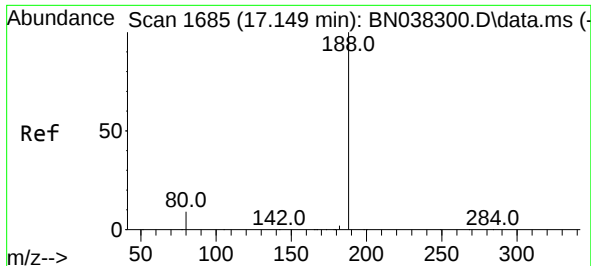
Tgt Ion: 330 Resp: 913
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.8 113.6
 141 38.9 31.8 47.8



#15
 2-Fluorobiphenyl
 Concen: 0.451 ng
 RT: 12.998 min Scan# 1317
 Delta R.T. -0.010 min
 Lab File: BN038456.D
 Acq: 17 Dec 2025 00:11

Tgt Ion: 172 Resp: 14156
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.7 19.3 28.9

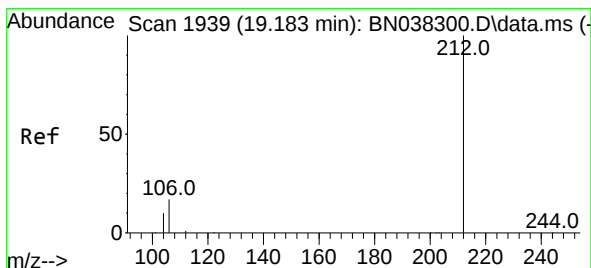
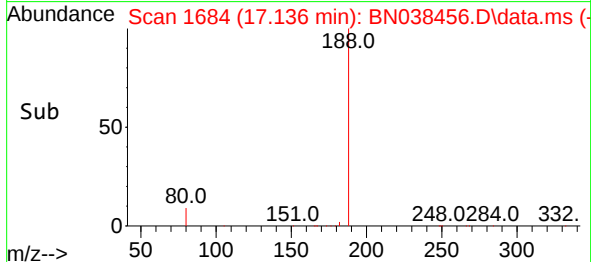
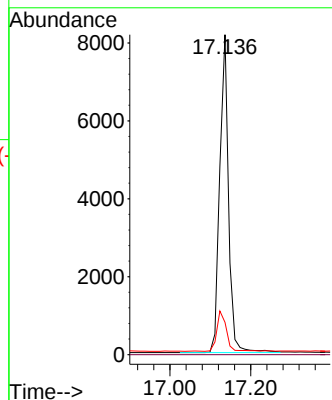
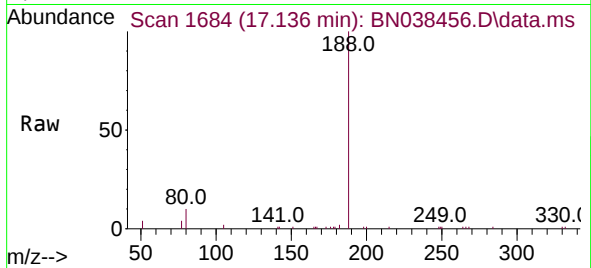




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038456.D
Acq: 17 Dec 2025 00:11

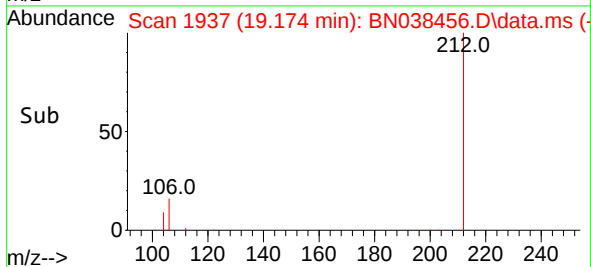
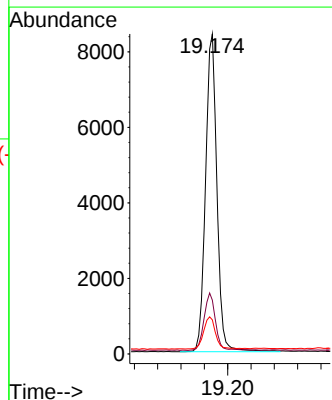
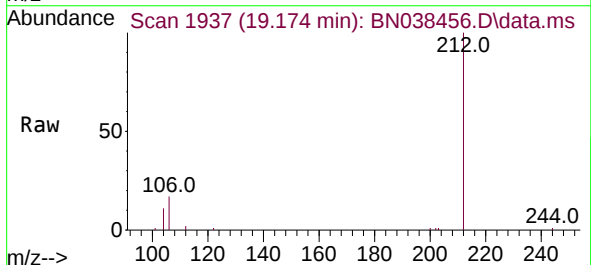
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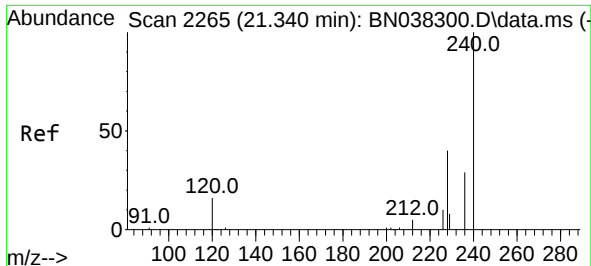
Tgt Ion:188 Resp: 12367
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038456.D
Acq: 17 Dec 2025 00:11

Tgt Ion:212 Resp: 11345
Ion Ratio Lower Upper
212 100
106 18.2 13.7 20.5
104 10.6 7.8 11.8

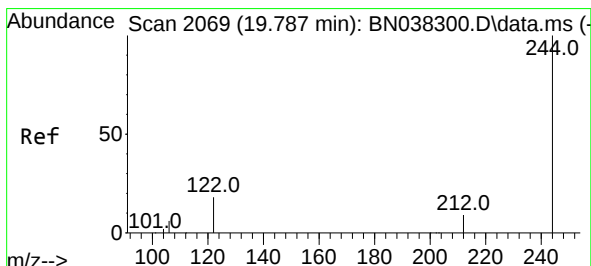
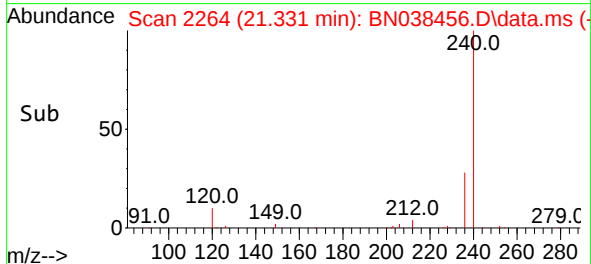
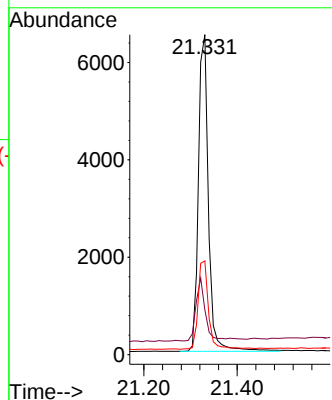
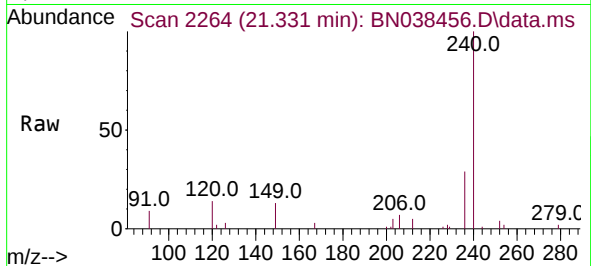




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038456.D
Acq: 17 Dec 2025 00:11

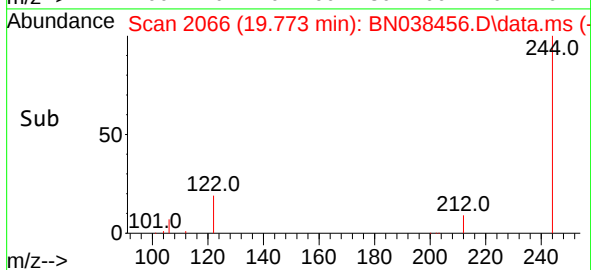
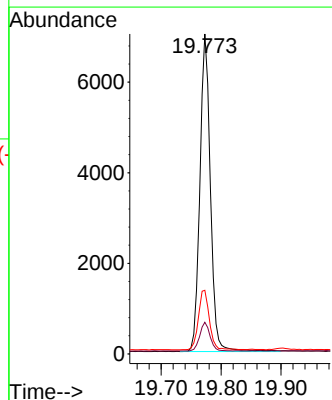
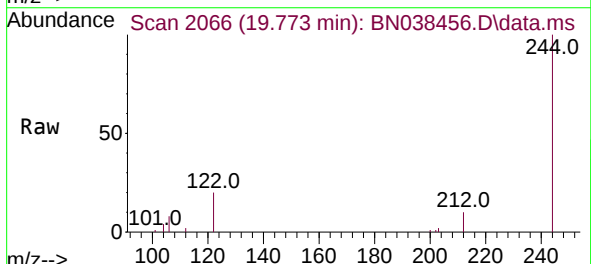
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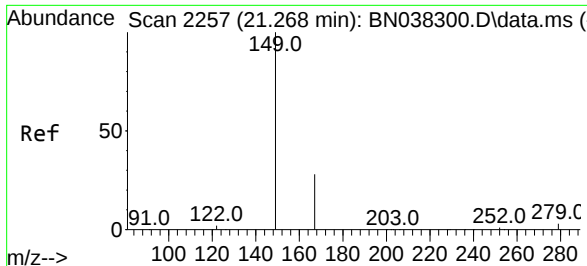
Tgt Ion:240 Resp: 9671
Ion Ratio Lower Upper
240 100
120 14.0 15.4 23.2#
236 29.3 23.9 35.9



#31
Terphenyl-d14
Concen: 0.396 ng
RT: 19.773 min Scan# 2066
Delta R.T. -0.018 min
Lab File: BN038456.D
Acq: 17 Dec 2025 00:11

Tgt Ion:244 Resp: 8549
Ion Ratio Lower Upper
244 100
212 9.9 7.9 11.9
122 19.9 15.0 22.6

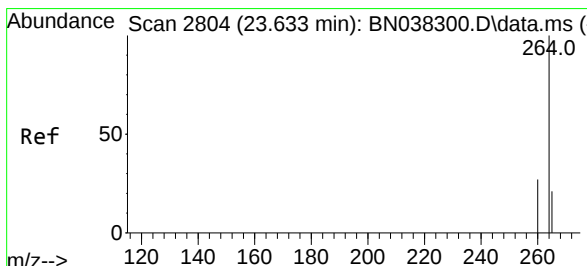
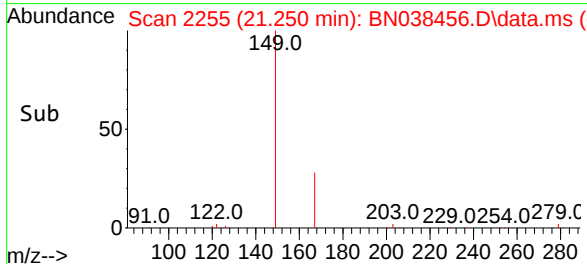
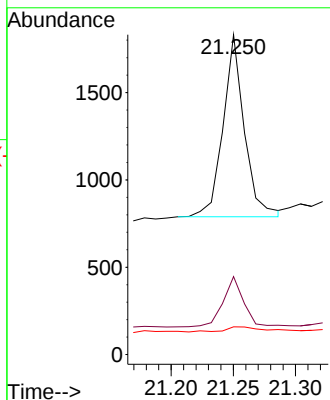
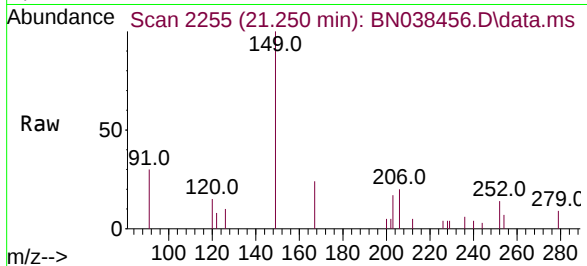




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.250 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN038456.D
 Acq: 17 Dec 2025 00:11

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-67-121125

Tgt Ion:149 Resp: 1242
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.4 32.0
 279 5.6 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.610 min Scan# 2796
 Delta R.T. -0.023 min
 Lab File: BN038456.D
 Acq: 17 Dec 2025 00:11

Tgt Ion:264 Resp: 9727
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.2 33.2
 265 91.2 80.2 120.2

