

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038293.D
 Acq On : 06 Dec 2025 03:21
 Operator : RC/JU
 Sample : Q3756-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-04-12-120225

Quant Time: Dec 06 05:25:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

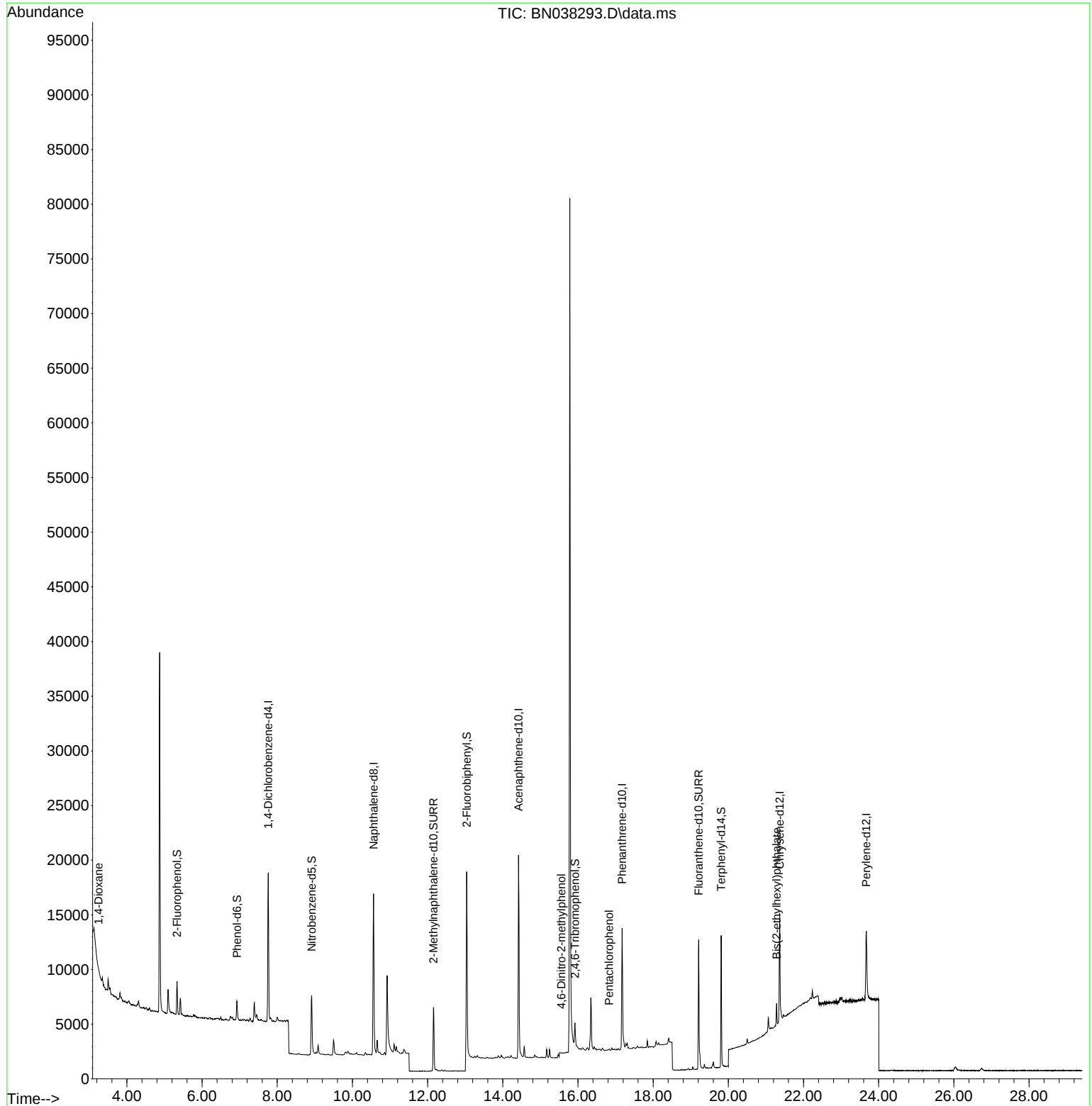
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	6896	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	20829	0.400	ng	-0.01
13) Acenaphthene-d10	14.420	164	11092	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	16516	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	9936	0.400	ng	# 0.00
35) Perylene-d12	23.671	264	9902	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2540	0.158	ng	0.00
5) Phenol-d6	6.930	99	1950	0.097	ng	0.00
8) Nitrobenzene-d5	8.918	82	5152	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.156	152	8679	0.294	ng	-0.01
14) 2,4,6-Tribromophenol	15.920	330	1383	0.396	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	14466	0.338	ng	-0.01
27) Fluoranthene-d10	19.211	212	13393	0.374	ng	0.00
31) Terphenyl-d14	19.810	244	11887	0.518	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	191	0.026	ng	# 65
20) 4,6-Dinitro-2-methylph...	15.560	198	13	0.180	ng	# 1
24) Pentachlorophenol	16.826	266	123	0.032	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.286	149	2078	0.113	ng	# 99

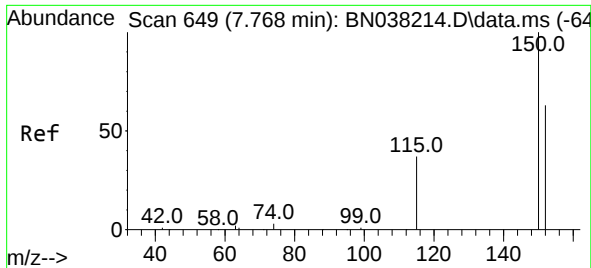
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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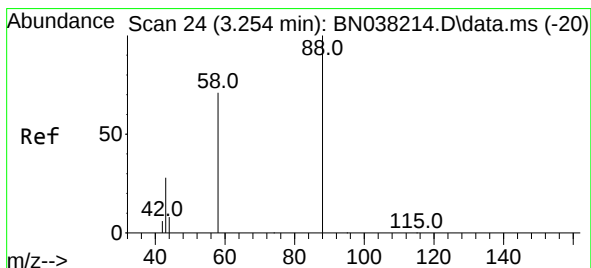
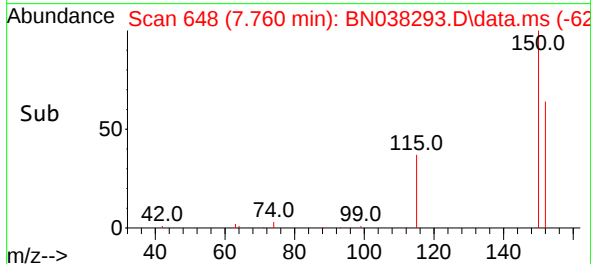
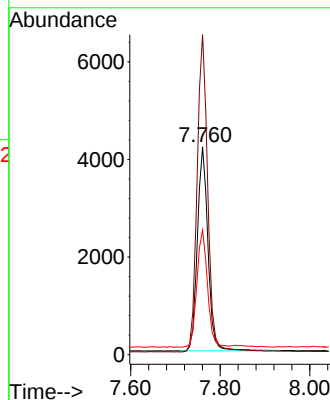
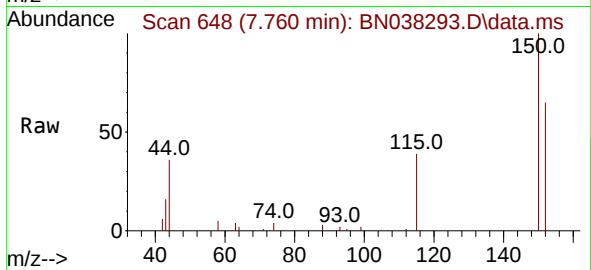




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.760 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN038293.D
 Acq: 06 Dec 2025 03:21

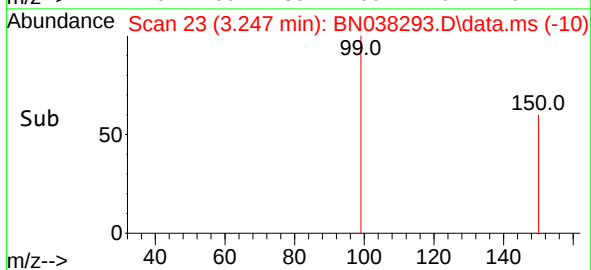
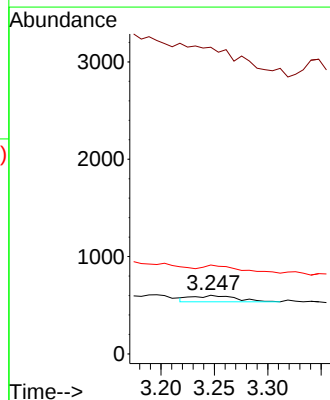
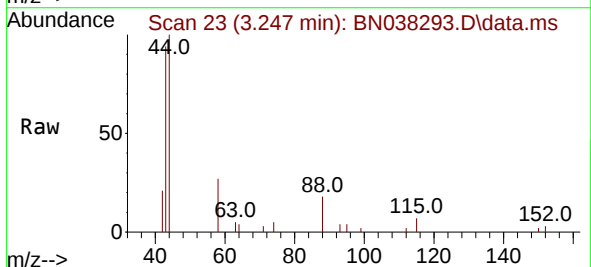
Instrument :
 BNA_N
 ClientSampleId :
 MW-04-12-120225

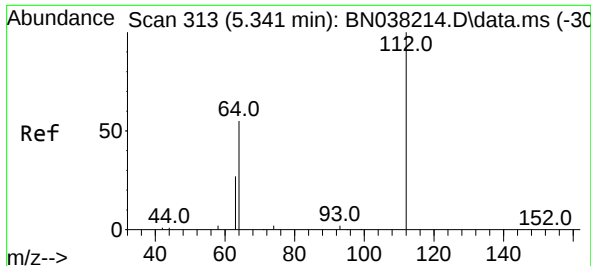
Tgt Ion:152 Resp: 6896
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.3 187.9
 115 60.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 0.026 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038293.D
 Acq: 06 Dec 2025 03:21

Tgt Ion: 88 Resp: 191
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.8 37.2#
 58 99.0 61.1 91.7#

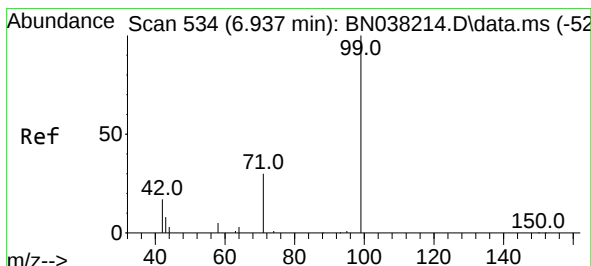
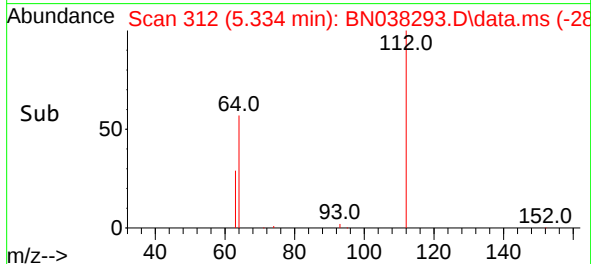
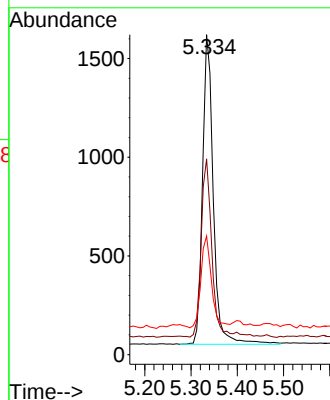
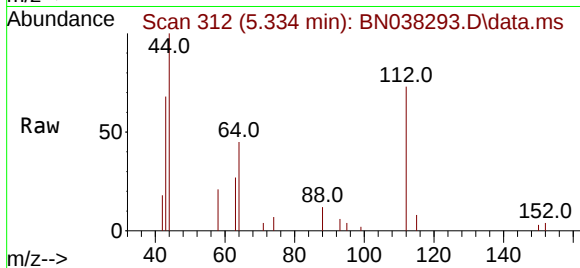




#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.334 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

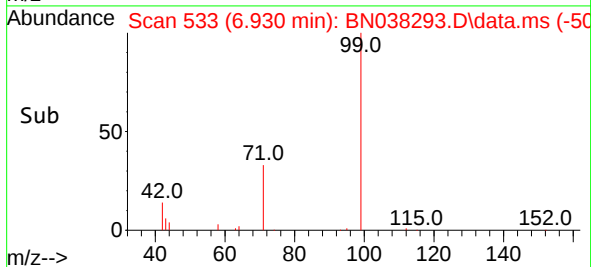
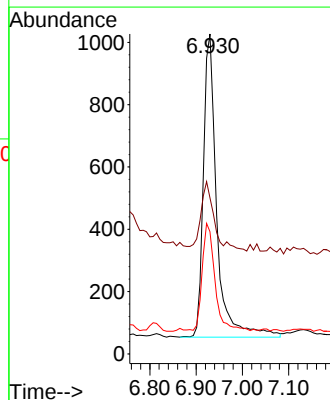
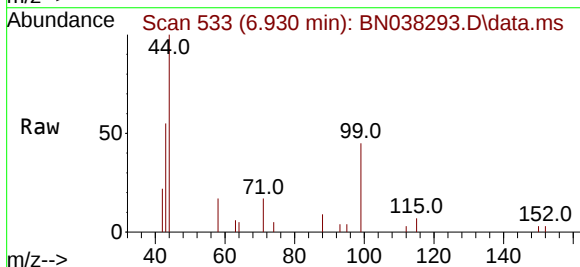
Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

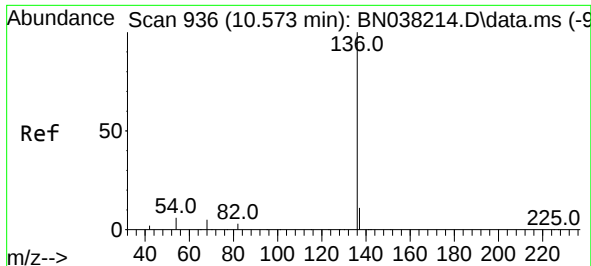
Tgt Ion:112 Resp: 2540
Ion Ratio Lower Upper
112 100
64 56.0 45.0 67.4
63 29.4 23.2 34.8



#5
Phenol-d6
Concen: 0.097 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion: 99 Resp: 1950
Ion Ratio Lower Upper
99 100
42 17.8 17.0 25.6
71 33.3 25.4 38.2

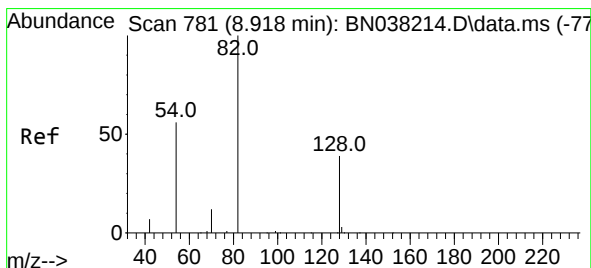
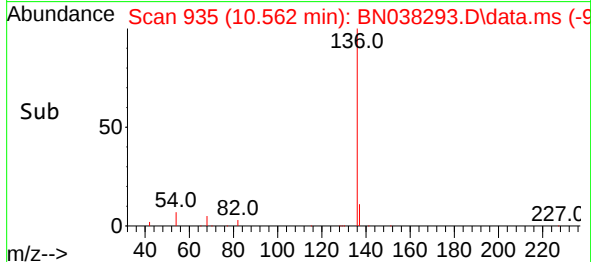
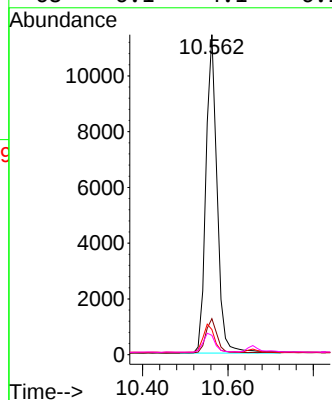
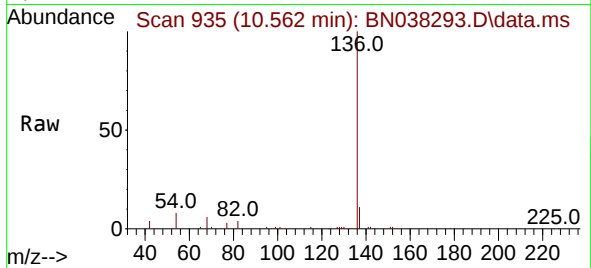




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

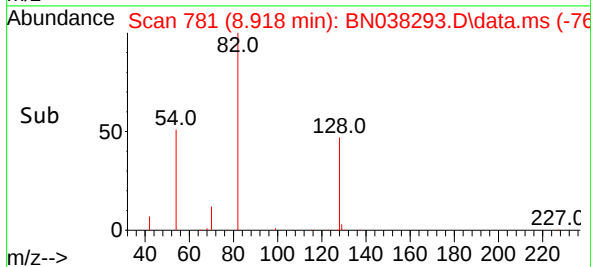
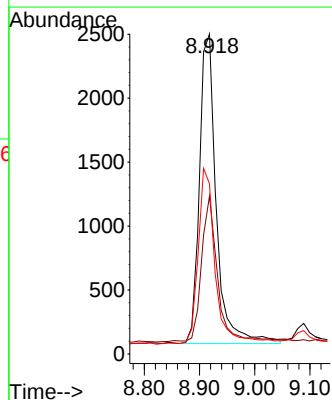
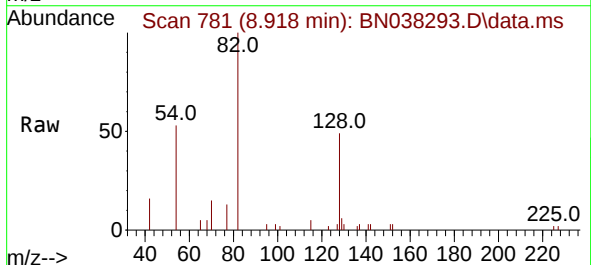
Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

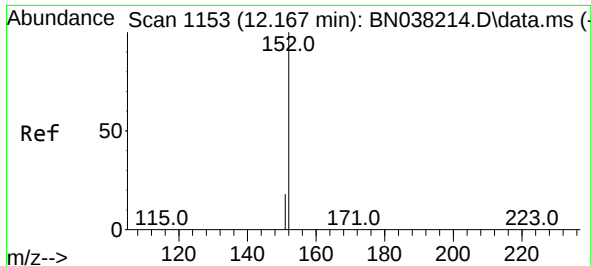
Tgt Ion:	136	Resp:	20829
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.8	5.4	8.0
68	6.1	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion:	82	Resp:	5152
Ion Ratio	Lower	Upper	
82	100		
128	49.4	32.6	48.8#
54	53.2	45.4	68.0

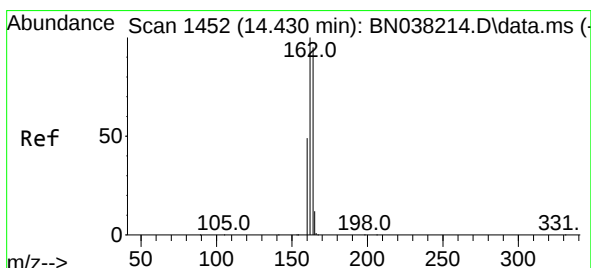
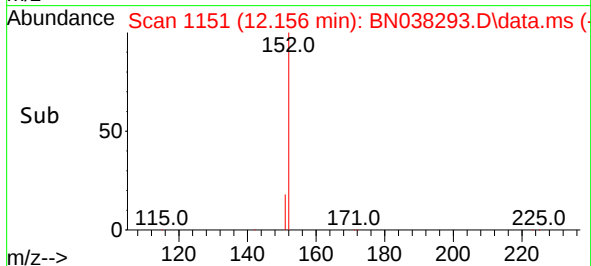
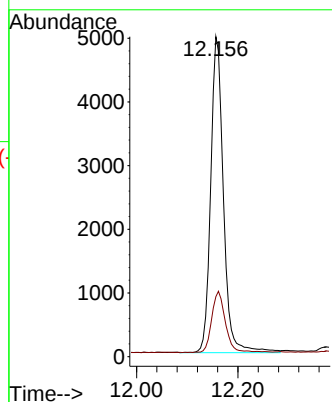
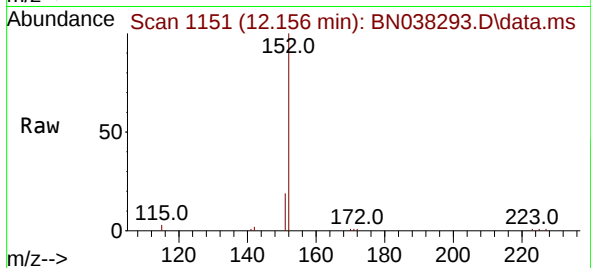




#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 12.156 min Scan# 1151
Delta R.T. -0.010 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

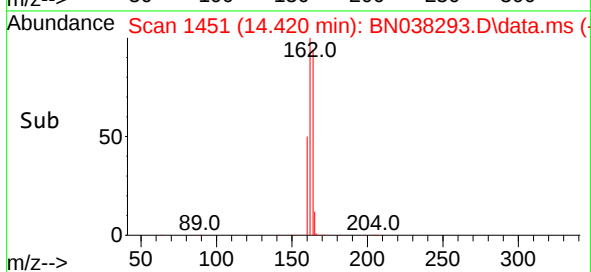
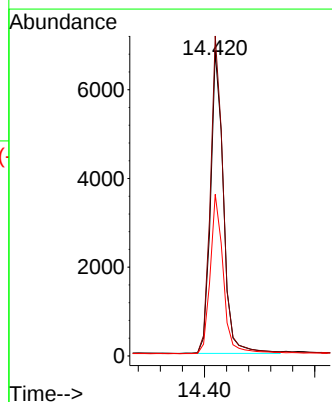
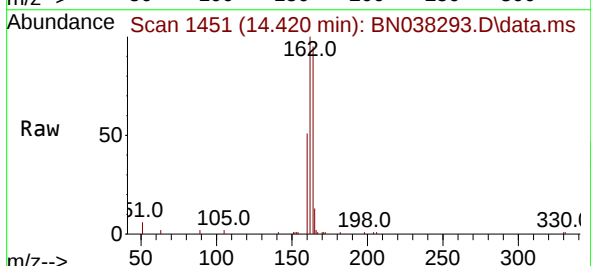
Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

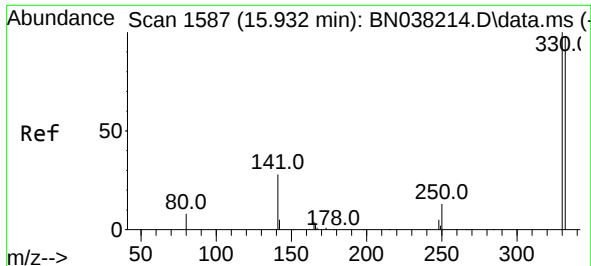
Tgt Ion:152 Resp: 8679
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion:164 Resp: 11092
Ion Ratio Lower Upper
164 100
162 105.2 83.8 125.8
160 53.1 41.6 62.4

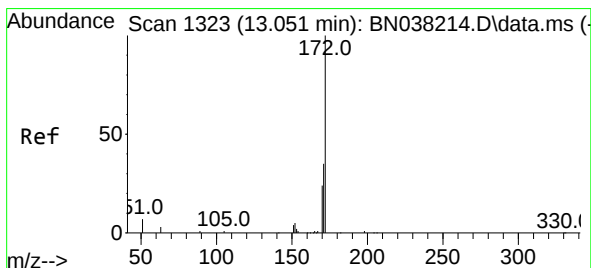
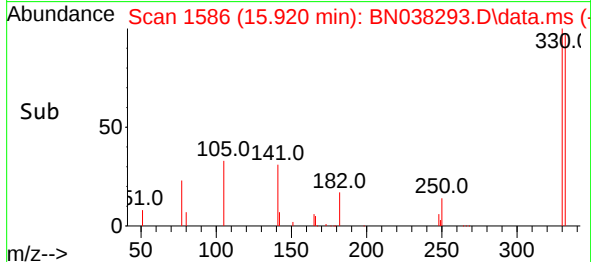
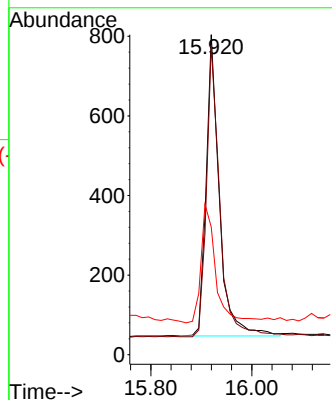
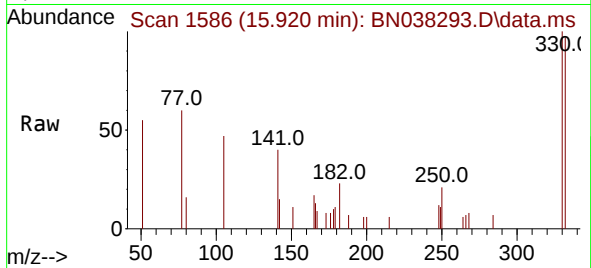




#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

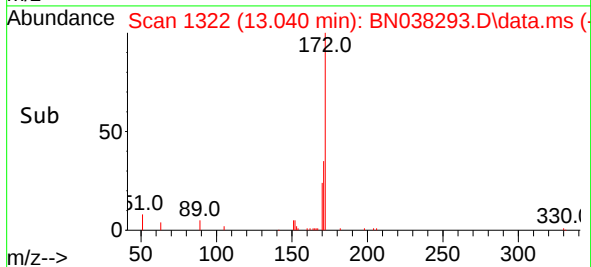
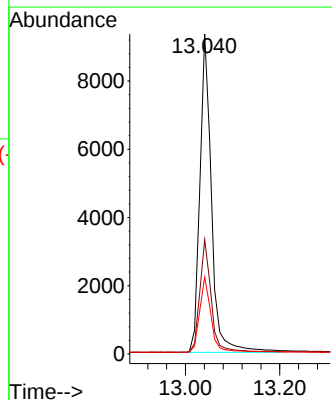
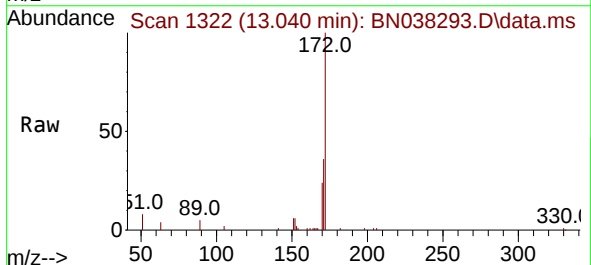
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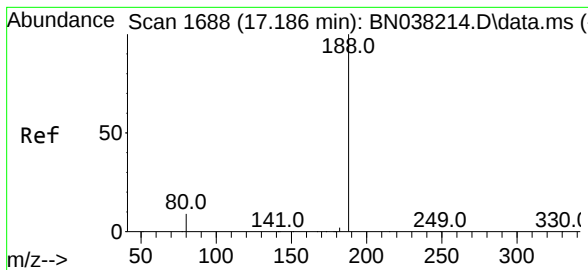
Tgt Ion:330 Resp: 1383
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 43.6 33.0 49.4



#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.040 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion:172 Resp: 14466
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.0 19.1 28.7

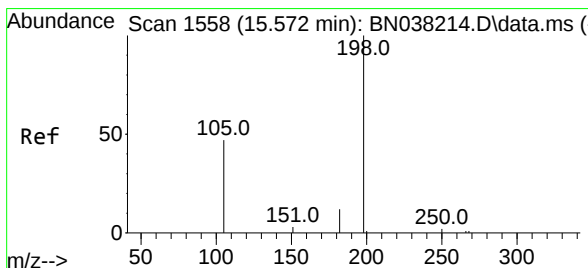
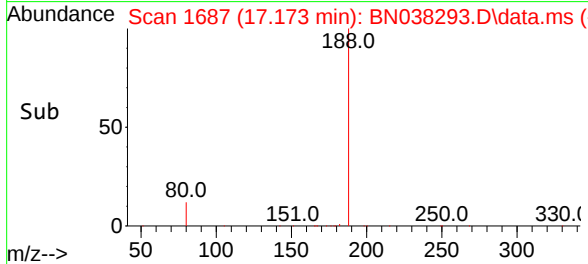
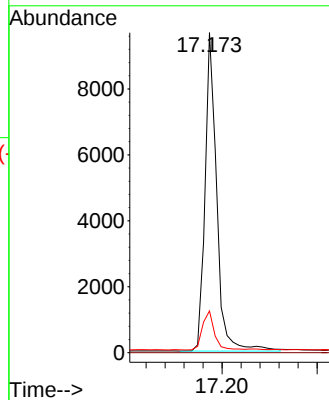
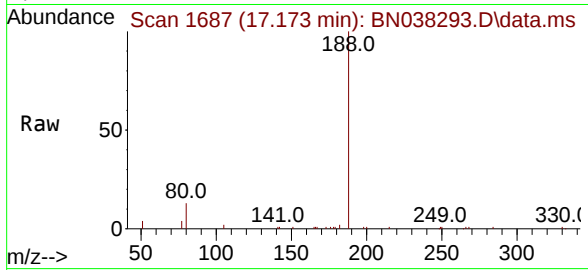




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

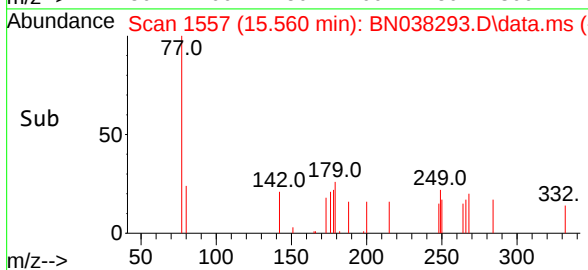
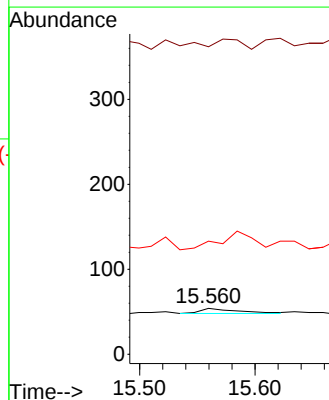
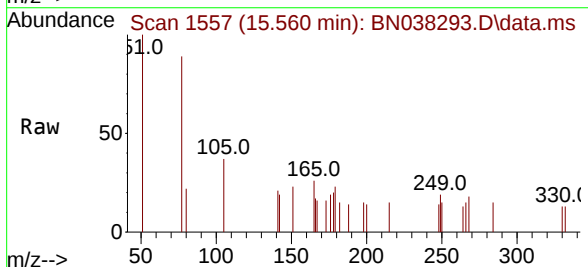
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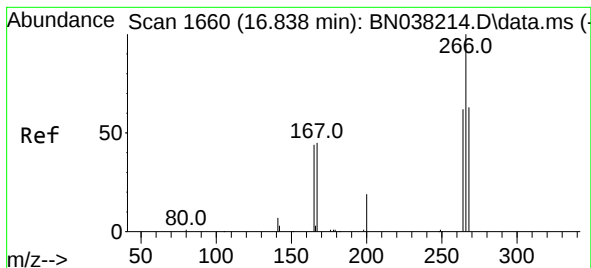
Tgt Ion:188 Resp: 16516
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 7.7 11.5#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 670.4 205.1 307.7#
105 246.3 61.6 92.4#





#24

Pentachlorophenol

Concen: 0.032 ng

RT: 16.826 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BN038293.D

Acq: 06 Dec 2025 03:21

Instrument :

BNA_N

ClientSampleId :

MW-04-12-120225

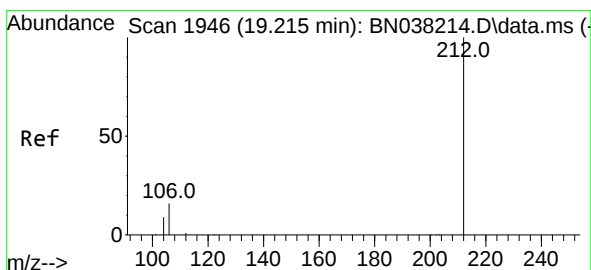
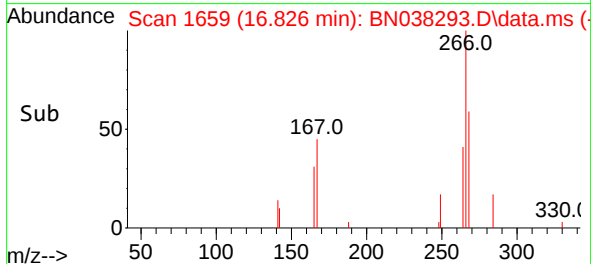
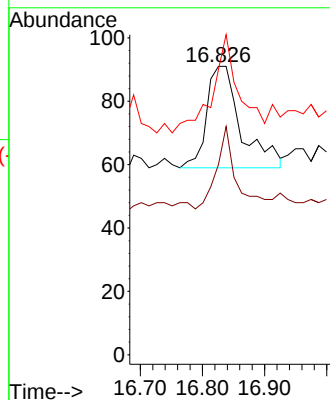
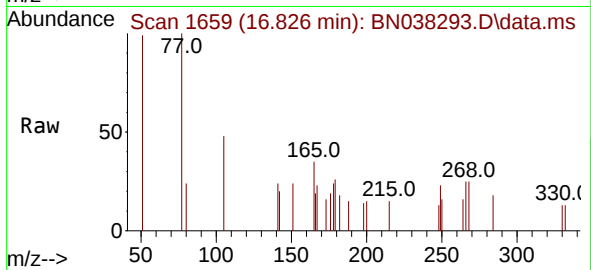
Tgt Ion:266 Resp: 123

Ion Ratio Lower Upper

266 100

264 45.5 48.9 73.3#

268 77.2 50.2 75.2#



#27

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.211 min Scan# 1945

Delta R.T. -0.005 min

Lab File: BN038293.D

Acq: 06 Dec 2025 03:21

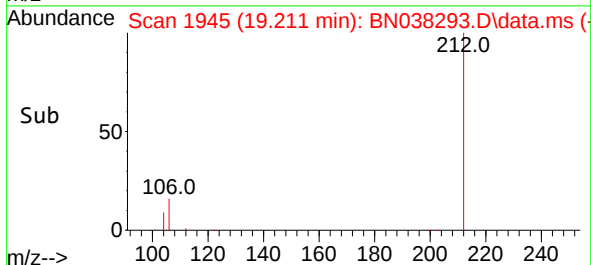
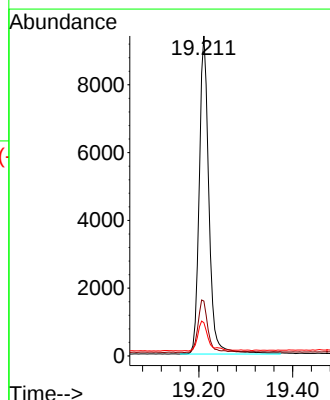
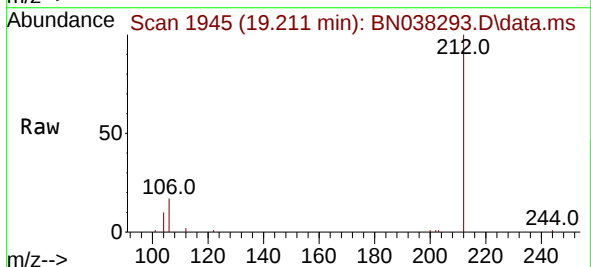
Tgt Ion:212 Resp: 13393

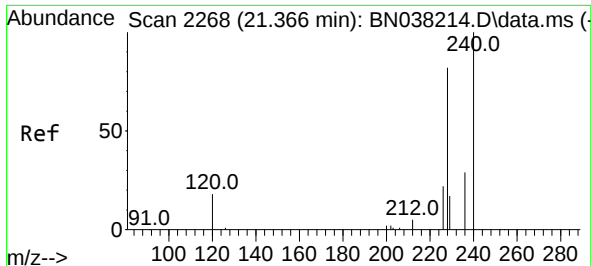
Ion Ratio Lower Upper

212 100

106 17.2 12.7 19.1

104 10.2 7.3 10.9

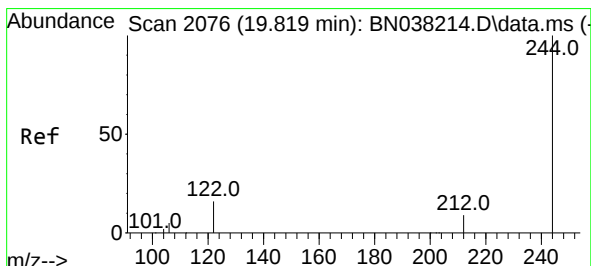
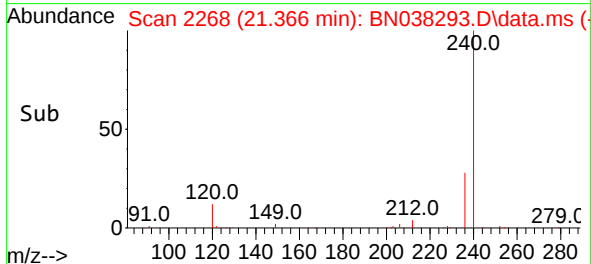
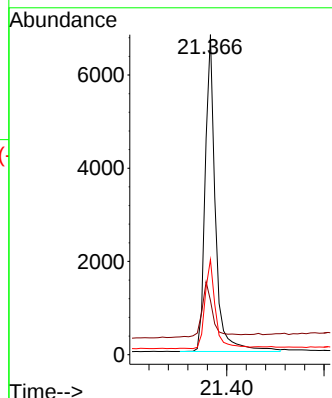
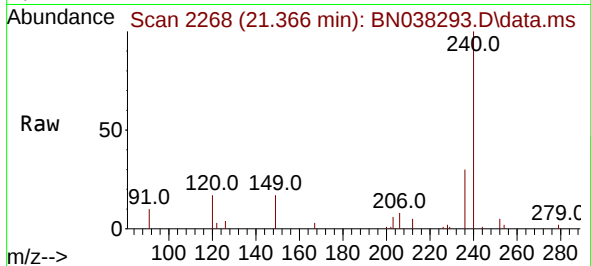




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

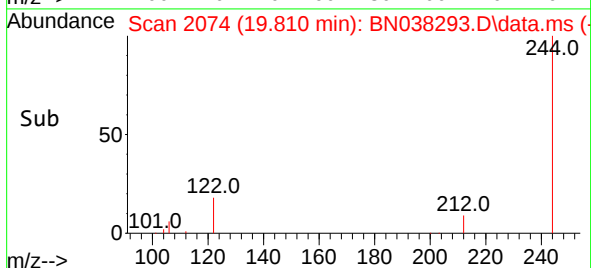
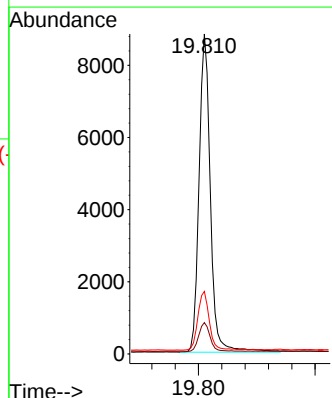
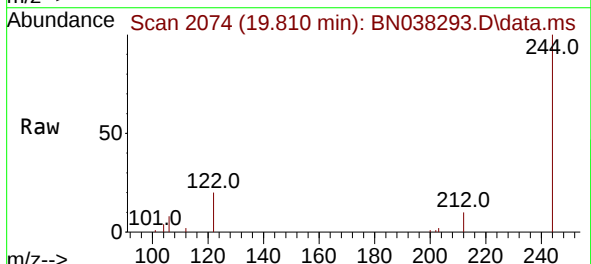
Instrument :
BNA_N
ClientSampleId :
MW-04-12-120225

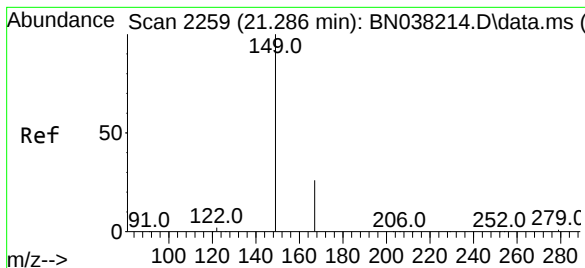
Tgt Ion:240 Resp: 9936
Ion Ratio Lower Upper
240 100
120 17.0 18.1 27.1#
236 29.7 24.2 36.4



#31
Terphenyl-d14
Concen: 0.518 ng
RT: 19.810 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN038293.D
Acq: 06 Dec 2025 03:21

Tgt Ion:244 Resp: 11887
Ion Ratio Lower Upper
244 100
212 9.8 7.7 11.5
122 19.6 13.6 20.4

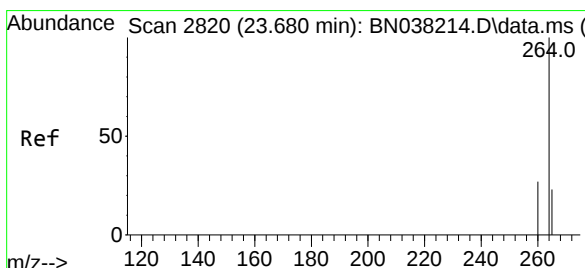
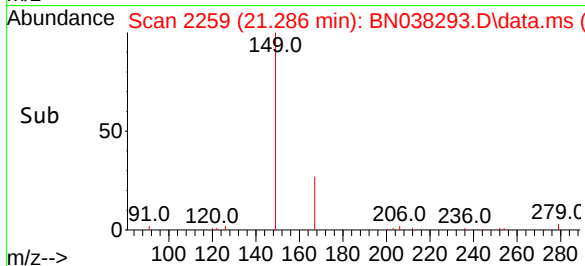
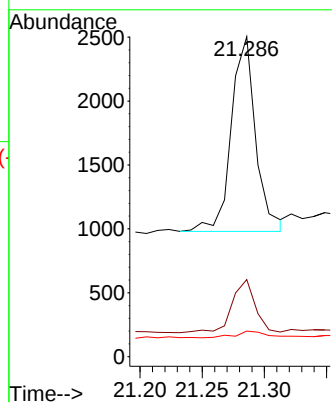
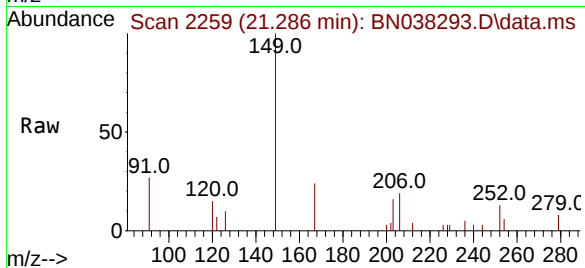




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.286 min Scan# 2125
 Delta R.T. 0.000 min
 Lab File: BN038293.D
 Acq: 06 Dec 2025 03:21

Instrument :
 BNA_N
 ClientSampleId :
 MW-04-12-120225

Tgt Ion:149 Resp: 2078
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.7 31.1
 279 5.1 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.671 min Scan# 2817
 Delta R.T. -0.009 min
 Lab File: BN038293.D
 Acq: 06 Dec 2025 03:21

Tgt Ion:264 Resp: 9902
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.7 32.5
 265 127.4 98.0 147.0

