

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038314.D
 Acq On : 11 Dec 2025 13:01
 Operator : RC/JU
 Sample : Q3757-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-46-120325

Quant Time: Dec 11 13:29:00 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)

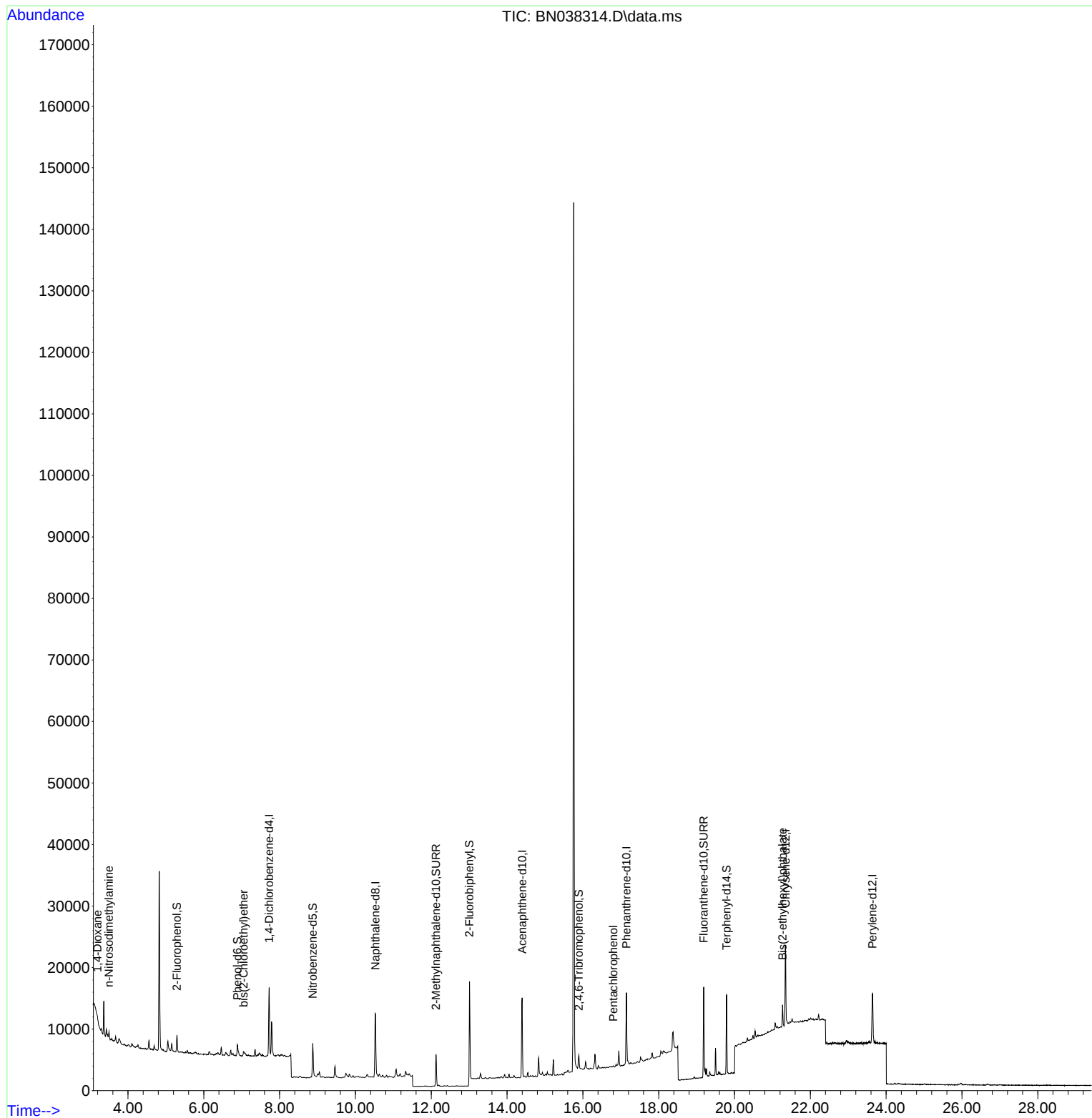
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5537	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	15261	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7974	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	14786	0.400	ng	# 0.00
29) Chrysene-d12	21.348	240	12326	0.400	ng	0.00
35) Perylene-d12	23.639	264	11109	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2203	0.160	ng	0.00
5) Phenol-d6	6.886	99	1708	0.104	ng	0.00
8) Nitrobenzene-d5	8.875	82	4665	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	7173	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1318	0.373	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	12904	0.336	ng	0.00
27) Fluoranthene-d10	19.187	212	15499	0.424	ng	0.00
31) Terphenyl-d14	19.791	244	11996	0.436	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.196	88	463	0.073	ng	# 77
3) n-Nitrosodimethylamine	3.499	42	231	0.029	ng	# 7
6) bis(2-Chloroethyl)ether	7.053	93	1701	0.106	ng	# 27
24) Pentachlorophenol	16.801	266	122	0.024	ng	93
34) Bis(2-ethylhexyl)phtha...	21.268	149	3399	0.130	ng	# 97

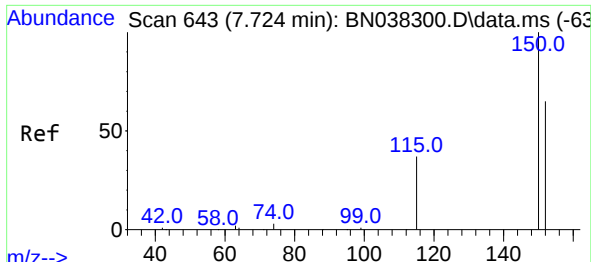
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038314.D
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Sample : Q3757-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
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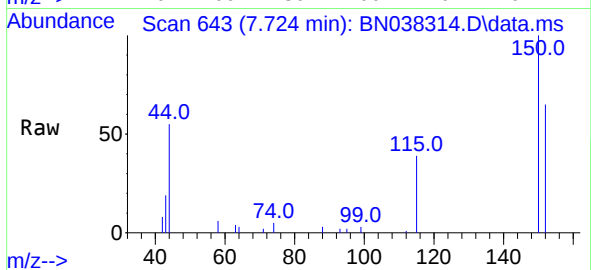
Quant Time: Dec 11 13:29:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
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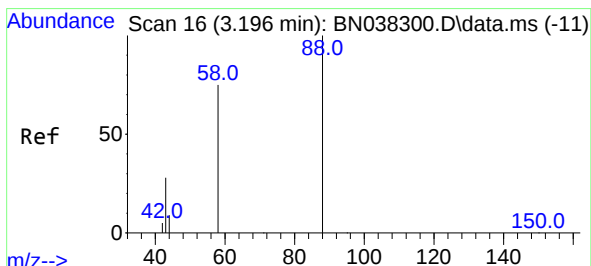
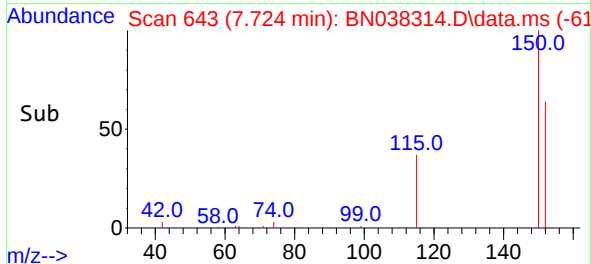
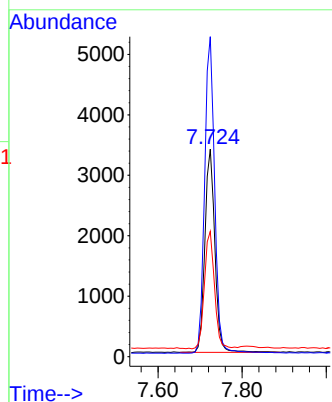


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

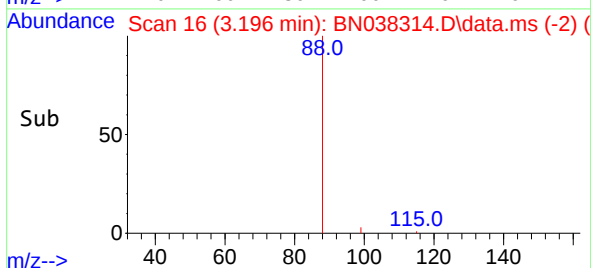
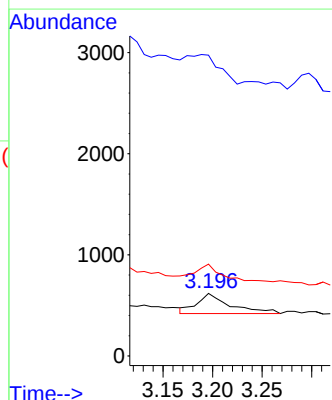
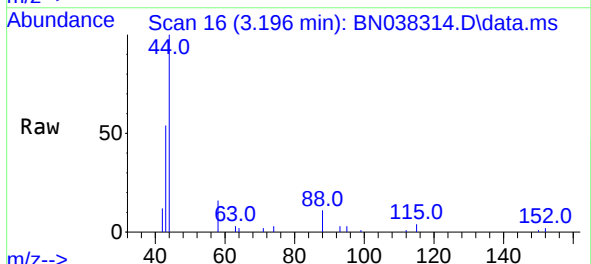


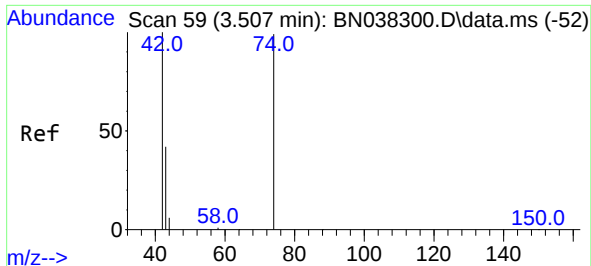
Tgt Ion:152 Resp: 5537
Ion Ratio Lower Upper
152 100
150 154.2 122.4 183.6
115 60.4 47.3 70.9



#2
1,4-Dioxane
Concen: 0.073 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion: 88 Resp: 463
Ion Ratio Lower Upper
88 100
43 0.0 24.9 37.3#
58 68.3 61.4 92.0

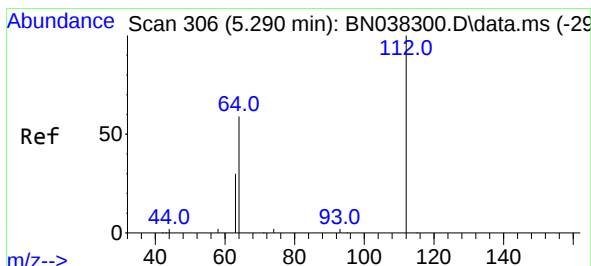
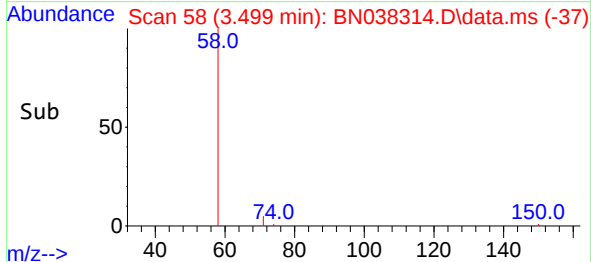
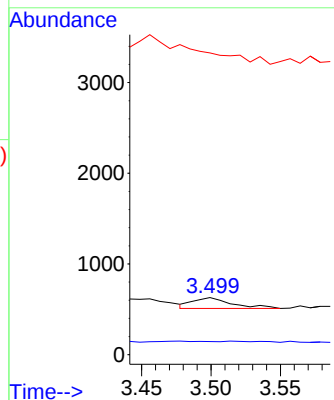
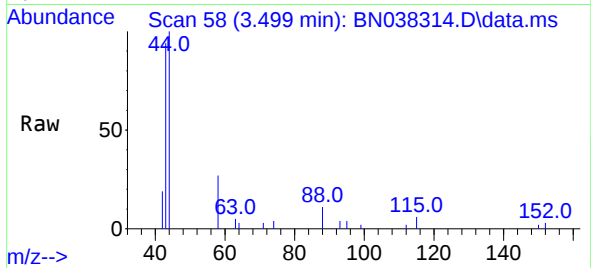




#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.499 min Scan# 59
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

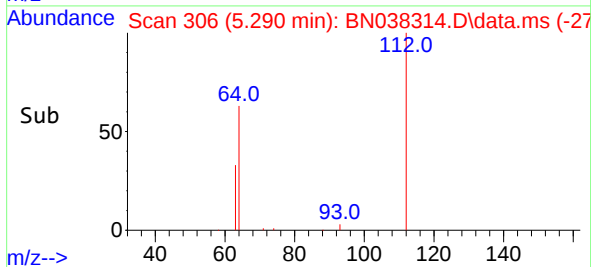
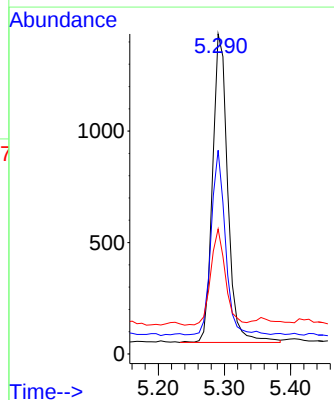
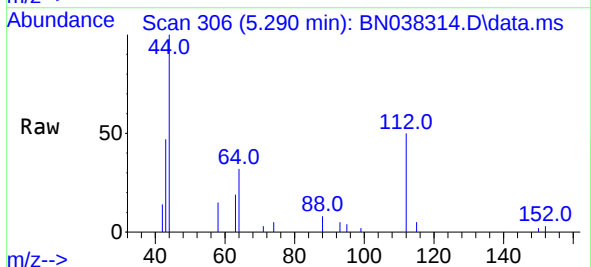
Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

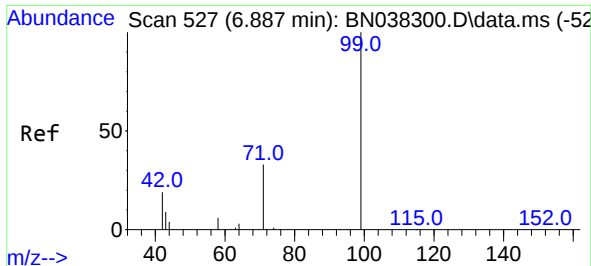
Tgt Ion: 42 Resp: 231
Ion Ratio Lower Upper
42 100
74 10.4 95.3 142.9#
44 0.0 7.9 11.9#



#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion: 112 Resp: 2203
Ion Ratio Lower Upper
112 100
64 56.1 44.4 66.6
63 30.3 23.4 35.0

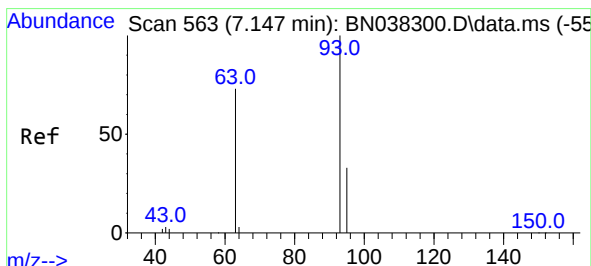
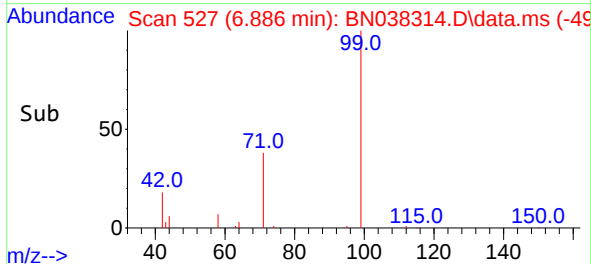
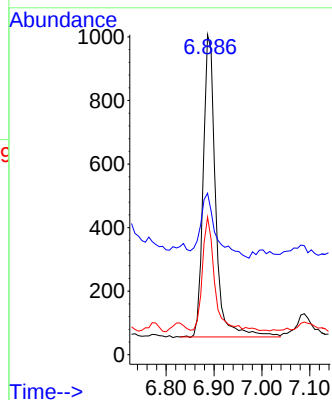
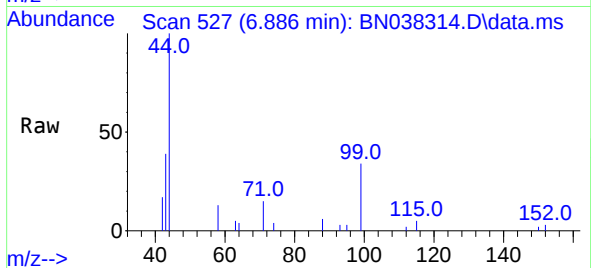




#5
Phenol-d6
Concen: 0.104 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

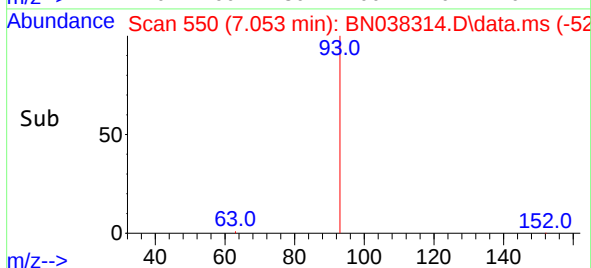
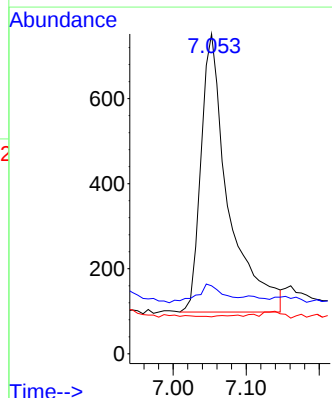
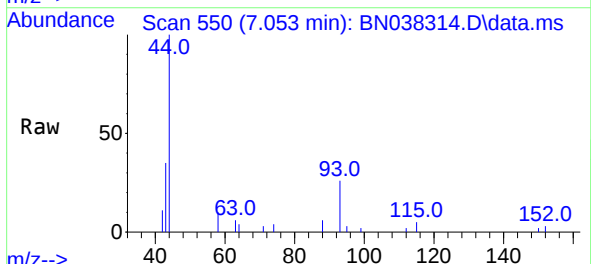
Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

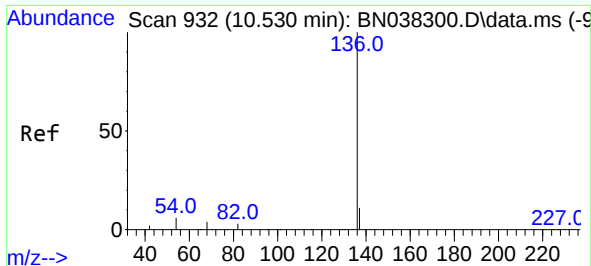
Tgt Ion: 99 Resp: 1708
Ion Ratio Lower Upper
99 100
42 27.0 16.5 24.7#
71 36.6 24.9 37.3



#6
bis(2-Chloroethyl)ether
Concen: 0.106 ng
RT: 7.053 min Scan# 550
Delta R.T. -0.094 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion: 93 Resp: 1701
Ion Ratio Lower Upper
93 100
63 6.2 59.2 88.8#
95 0.0 25.2 37.8#

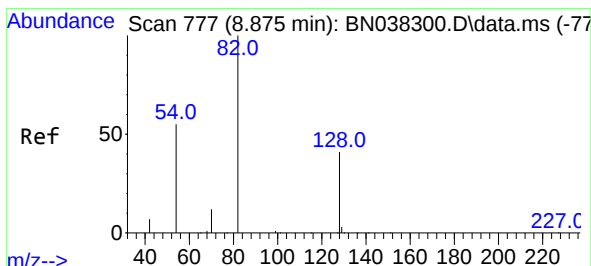
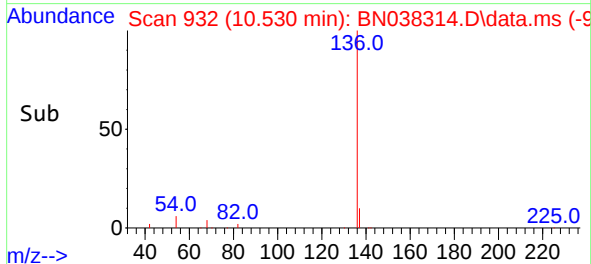
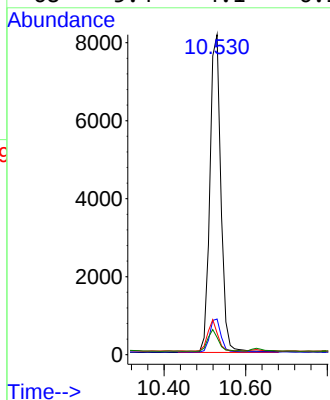
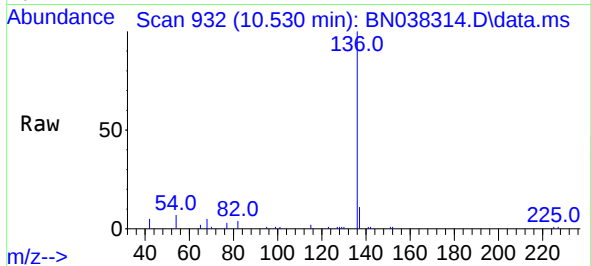




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

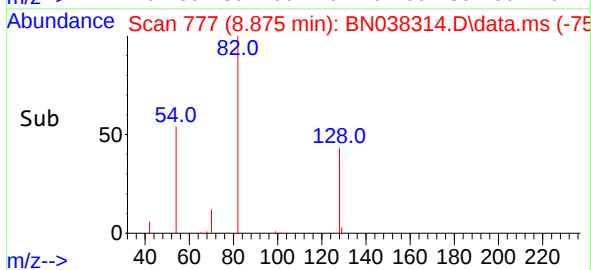
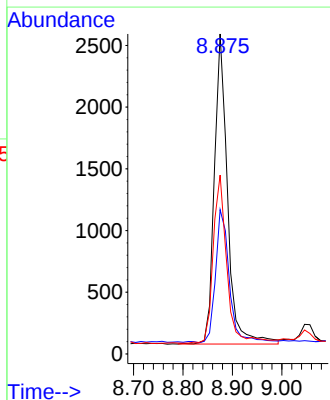
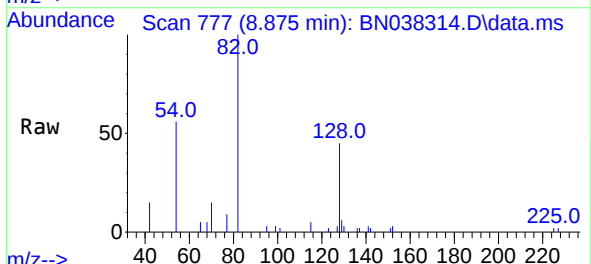
Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

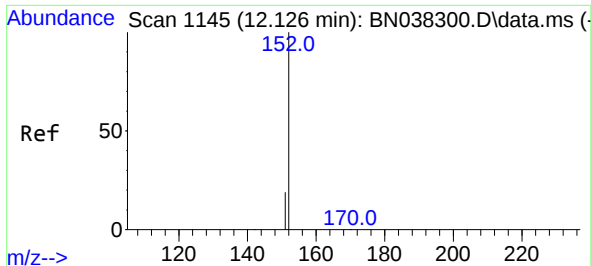
Tgt Ion:	136	Resp:	15261
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.8	5.2	7.8
68	5.4	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion:	82	Resp:	4665
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	55.9	44.4	66.6

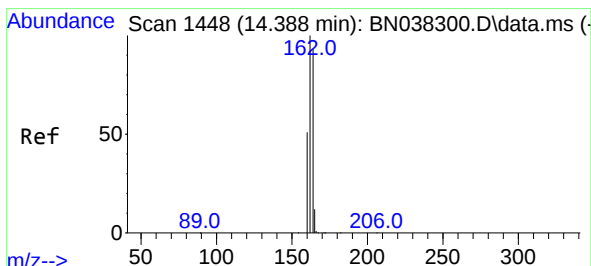
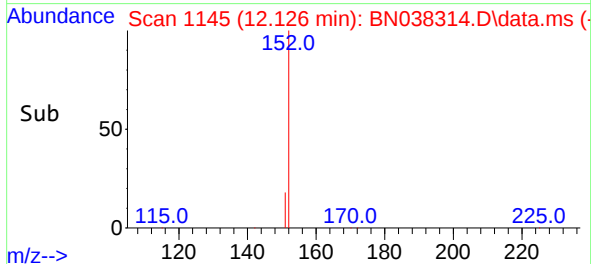
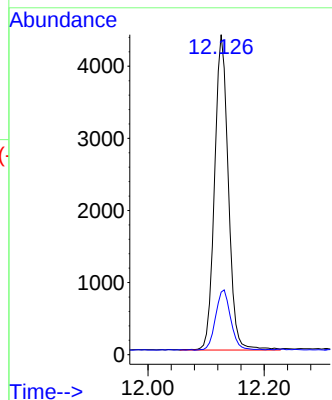
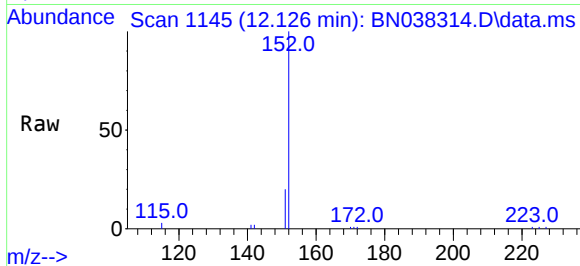




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

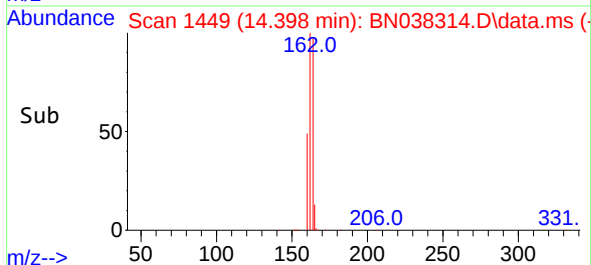
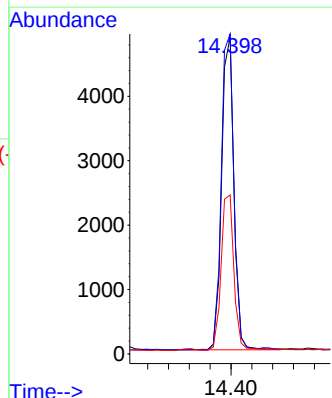
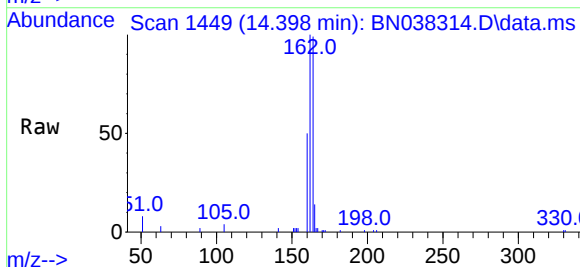
Instrument :
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ClientSampleId :
MW-14B-46-120325

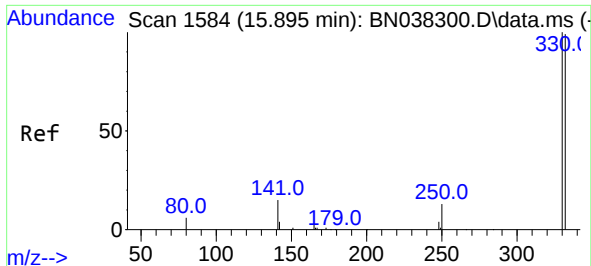
Tgt Ion:152 Resp: 7173
Ion Ratio Lower Upper
152 100
151 21.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

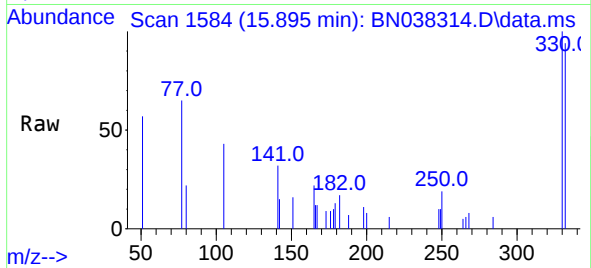
Tgt Ion:164 Resp: 7974
Ion Ratio Lower Upper
164 100
162 101.0 86.2 129.4
160 50.2 44.6 67.0



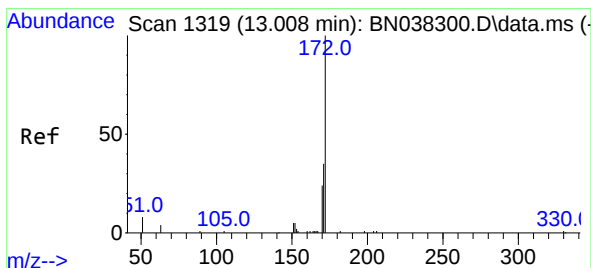
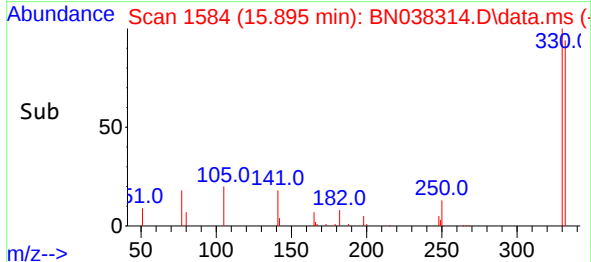
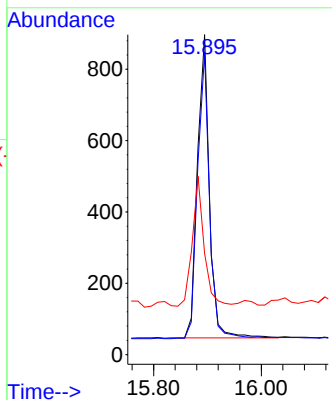


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

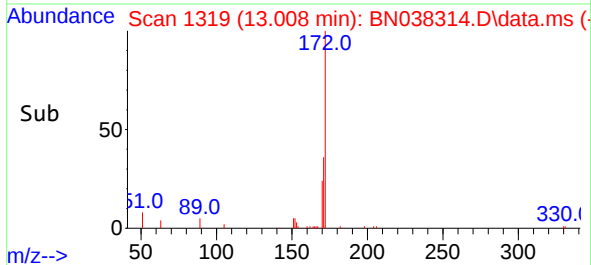
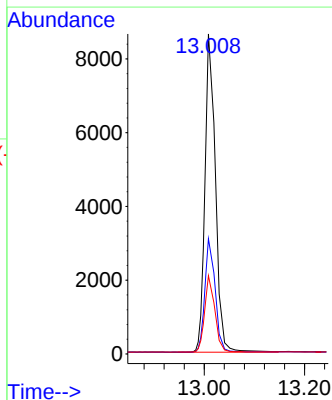
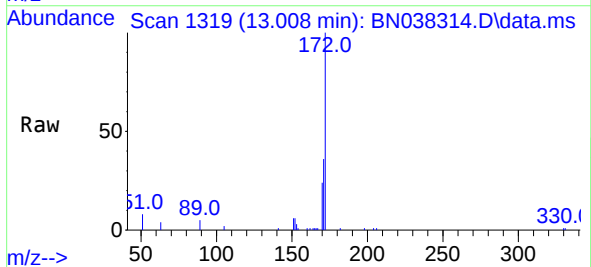


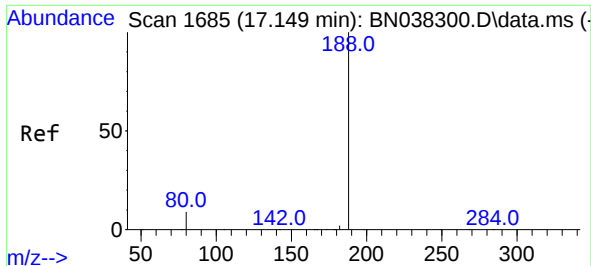
Tgt Ion:330 Resp: 1318
Ion Ratio Lower Upper
330 100
332 94.6 75.8 113.6
141 42.4 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion:172 Resp: 12904
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.5 19.3 28.9

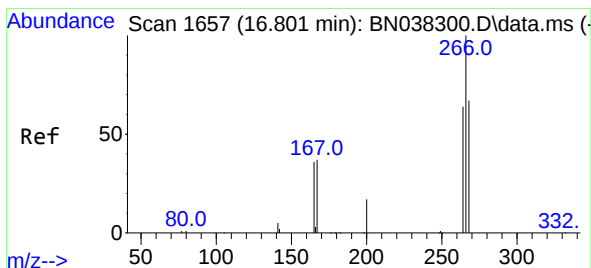
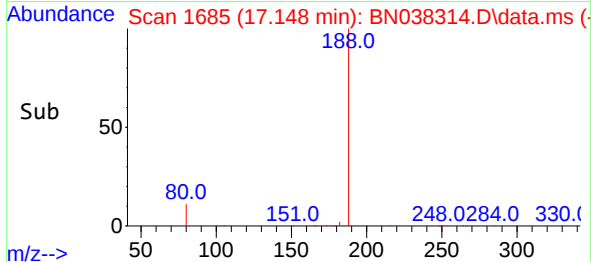
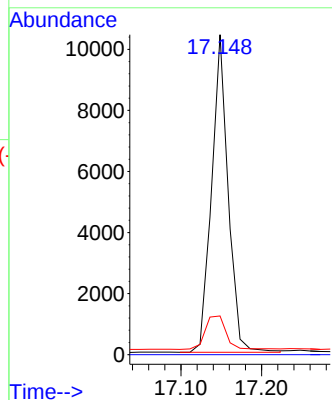
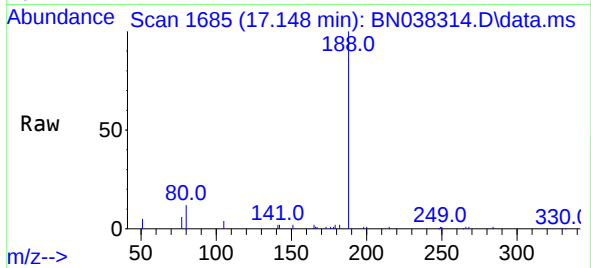




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

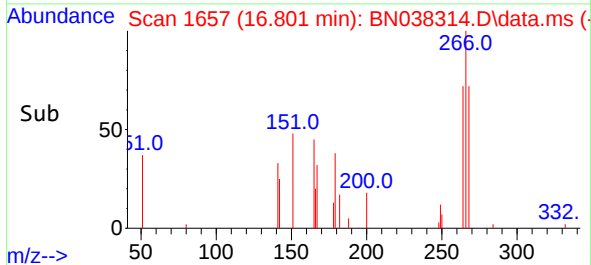
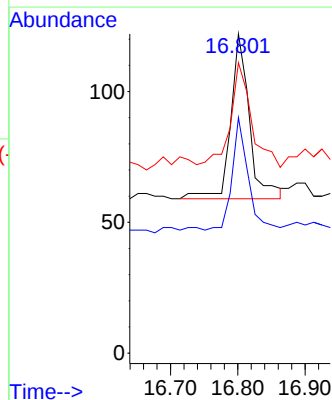
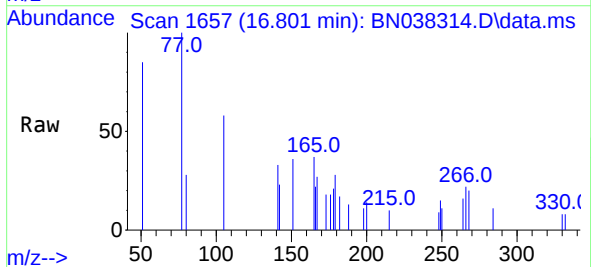
Instrument :
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MW-14B-46-120325

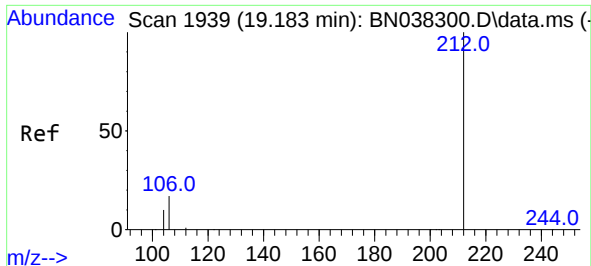
Tgt Ion:188 Resp: 14786
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 7.4 11.0#



#24
Pentachlorophenol
Concen: 0.024 ng
RT: 16.801 min Scan# 1657
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion:266 Resp: 122
Ion Ratio Lower Upper
266 100
264 58.2 50.2 75.2
268 72.1 52.6 78.8

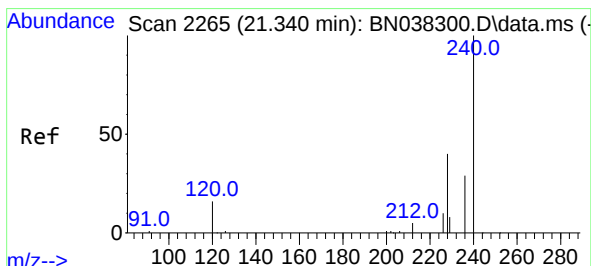
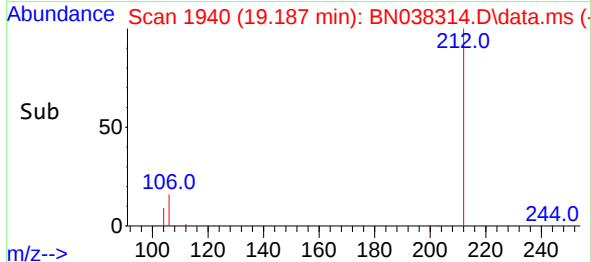
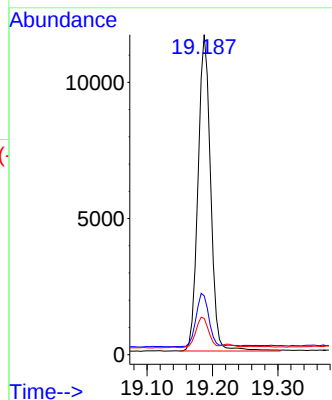
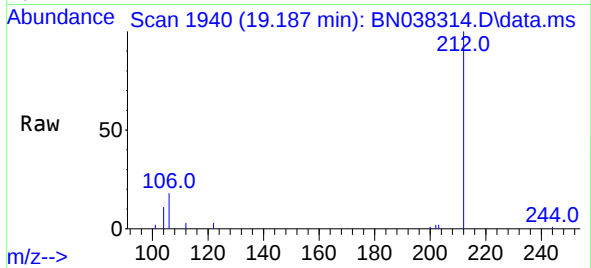




#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.187 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

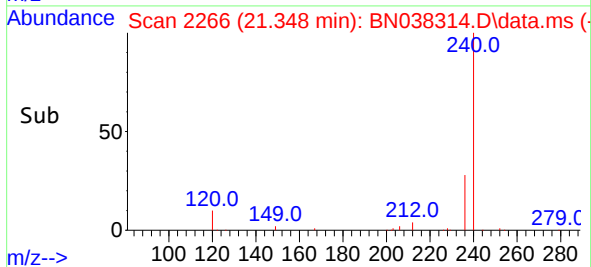
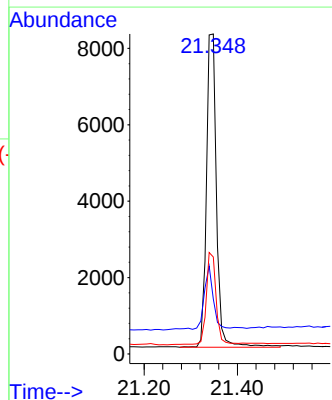
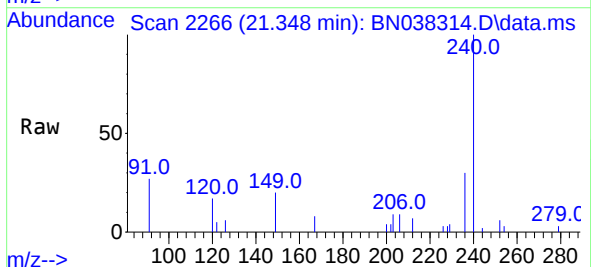
Instrument :
BNA_N
ClientSampleId :
MW-14B-46-120325

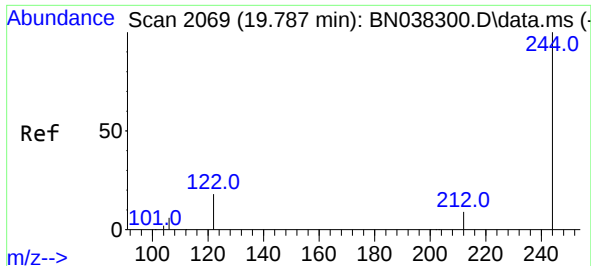
Tgt Ion:212 Resp: 15499
Ion Ratio Lower Upper
212 100
106 17.1 13.7 20.5
104 9.7 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.348 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN038314.D
Acq: 11 Dec 2025 13:01

Tgt Ion:240 Resp: 12326
Ion Ratio Lower Upper
240 100
120 17.2 15.4 23.2
236 30.3 23.9 35.9

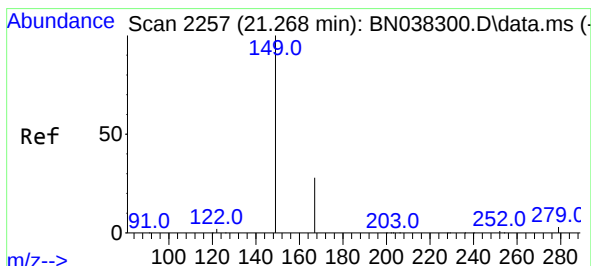
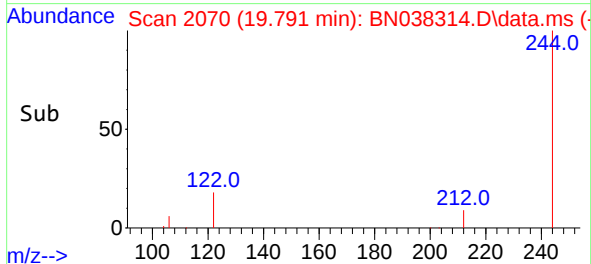
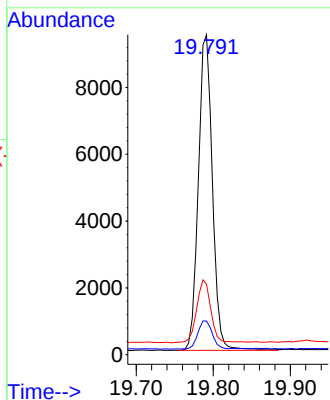
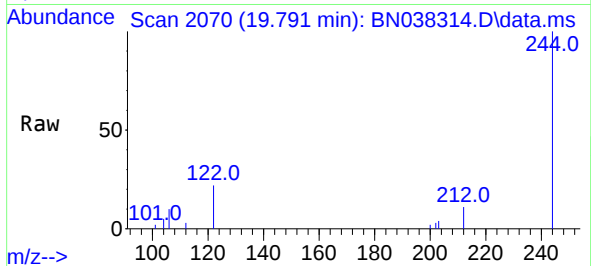




#31
 Terphenyl-d14
 Concen: 0.436 ng
 RT: 19.791 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: BN038314.D
 Acq: 11 Dec 2025 13:01

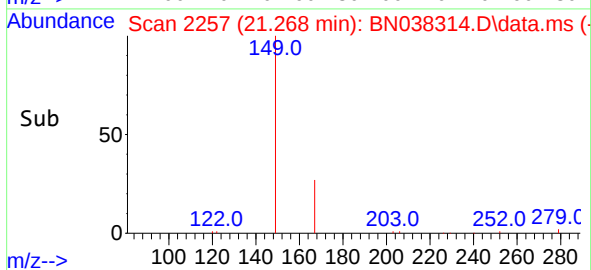
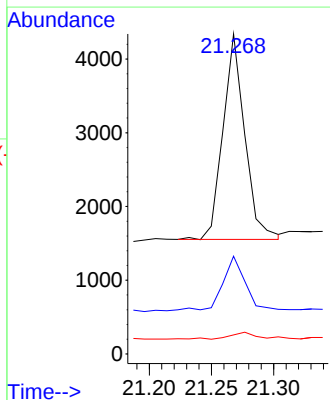
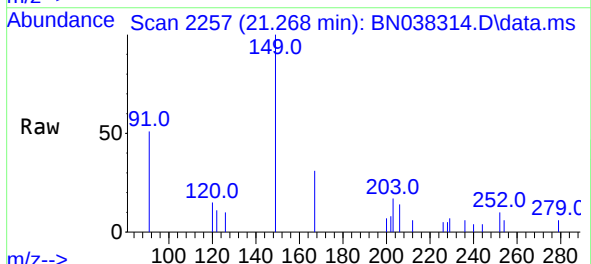
Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-46-120325

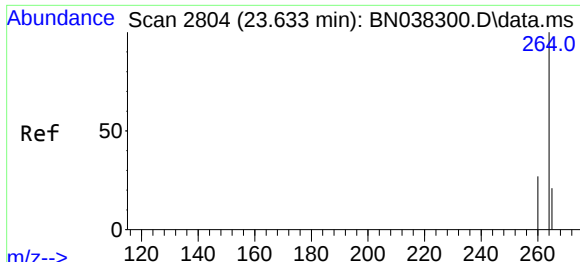
Tgt Ion:244	Resp:	11996
Ion Ratio	Lower	Upper
244	100	
212	10.5	7.9 11.9
122	22.1	15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.130 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: BN038314.D
 Acq: 11 Dec 2025 13:01

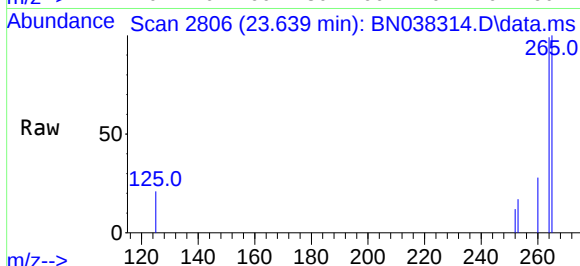
Tgt Ion:149	Resp:	3399
Ion Ratio	Lower	Upper
149	100	
167	25.3	21.4 32.0
279	4.1	2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.639 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN038314.D
 Acq: 11 Dec 2025 13:01

Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-46-120325



Tgt Ion:264 Resp: 11109

Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.2	33.2
265	101.4	80.2	120.2

