

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
 Data File : BN038180.D
 Acq On : 10 Nov 2025 13:52
 Operator : RC/JU
 Sample : Q3552-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-8DL

Quant Time: Nov 10 14:16:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

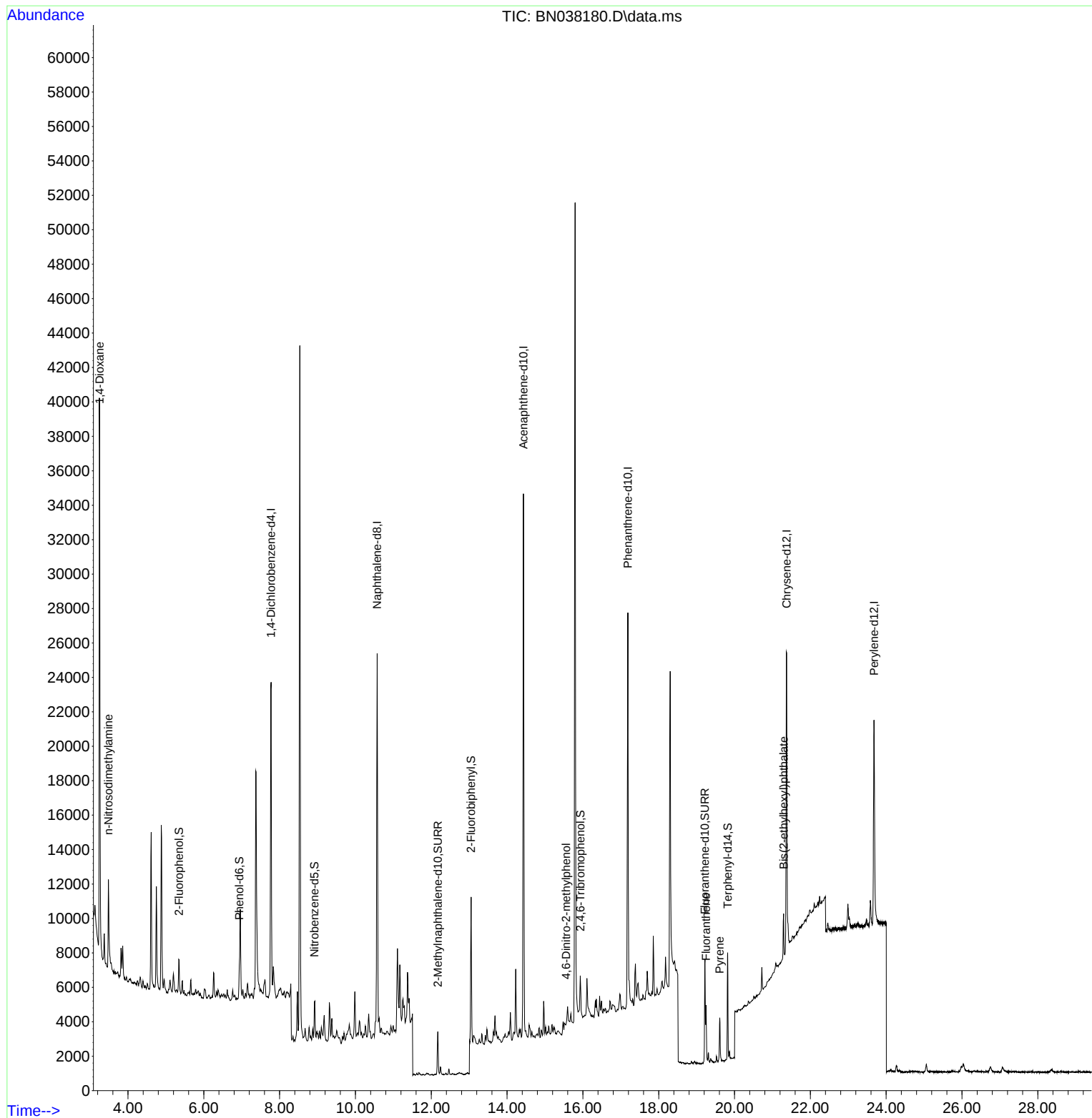
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8860	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29425	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	18072	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	31918	0.400	ng	0.00
29) Chrysene-d12	21.376	240	18273	0.400	ng	0.00
35) Perylene-d12	23.680	264	17133	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1277	0.061	ng	0.00
5) Phenol-d6	6.937	99	1293	0.051	ng	0.00
8) Nitrobenzene-d5	8.918	82	2188	0.092	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	3548	0.084	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	815	0.109	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	7368	0.102	ng	0.00
27) Fluoranthene-d10	19.220	212	6848	0.085	ng	0.00
31) Terphenyl-d14	19.819	244	6164	0.155	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	20513	2.241	ng	98
3) n-Nitrosodimethylamine	3.485	42	1872	0.159	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.560	198	35	0.189	ng	# 1
28) Fluoranthene	19.248	202	2734	0.024	ng	# 95
30) Pyrene	19.610	202	2377	0.029	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.295	149	2745	0.080	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038180.D
Acq On : 10 Nov 2025 13:52
Operator : RC/JU
Sample : Q3552-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Quant Time: Nov 10 14:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

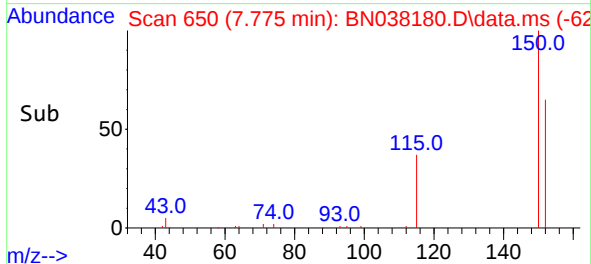
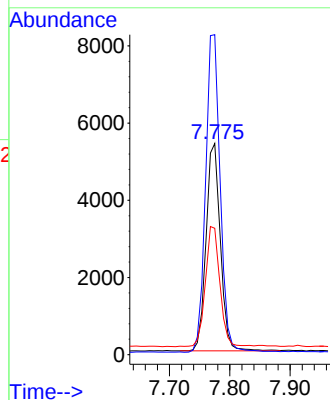
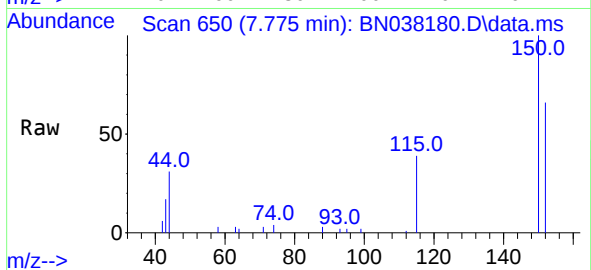




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

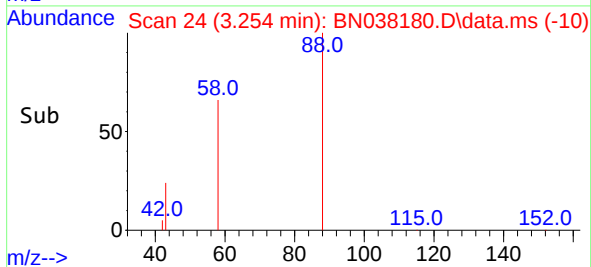
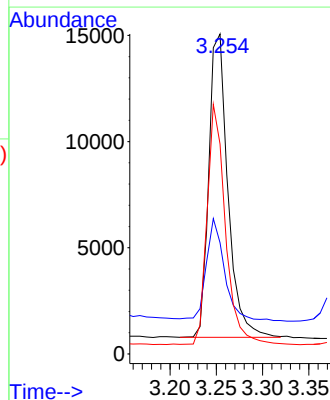
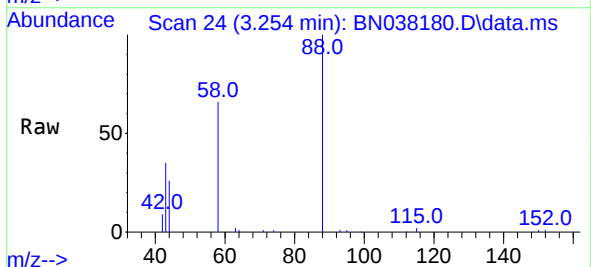
Instrument :
BNA_N
ClientSampleId :
MW-8DL

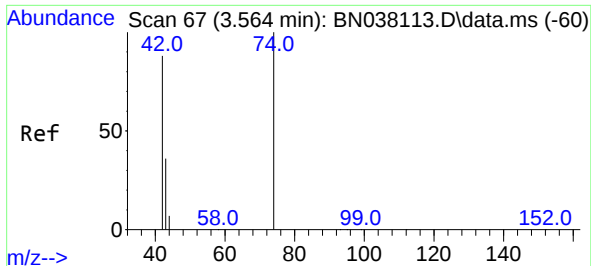
Tgt Ion:152 Resp: 8860
Ion Ratio Lower Upper
152 100
150 151.5 122.3 183.5
115 59.8 47.4 71.0



#2
1,4-Dioxane
Concen: 2.241 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion: 88 Resp: 20513
Ion Ratio Lower Upper
88 100
43 33.0 24.3 36.5
58 75.9 60.4 90.6

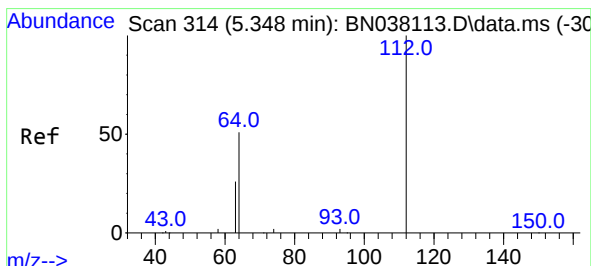
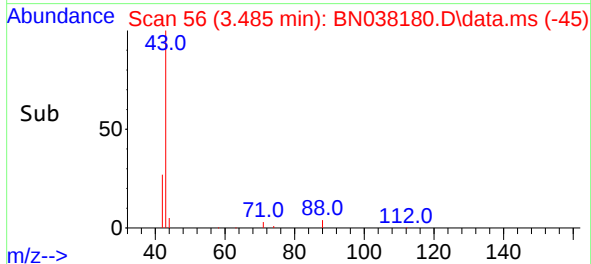
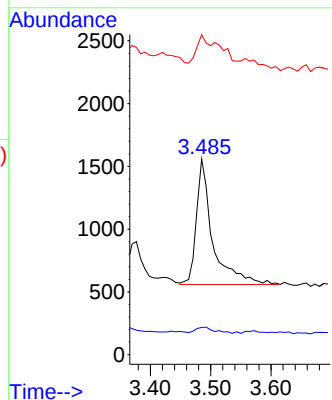
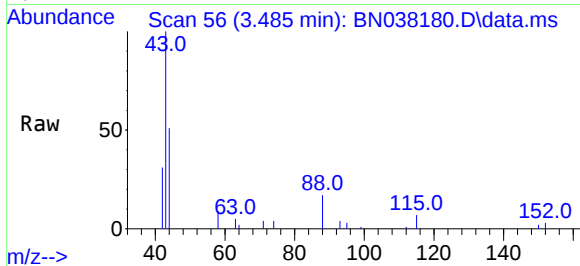




#3
 n-Nitrosodimethylamine
 Concen: 0.159 ng
 RT: 3.485 min Scan# 50
 Delta R.T. -0.072 min
 Lab File: BN038180.D
 Acq: 10 Nov 2025 13:52

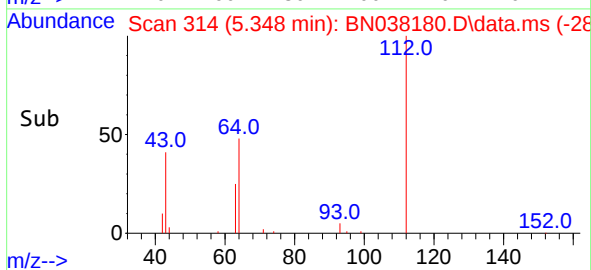
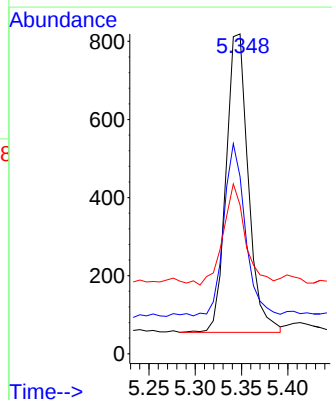
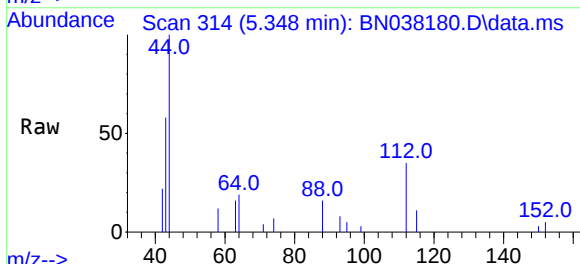
Instrument :
 BNA_N
 ClientSampleId :
 MW-8DL

Tgt Ion: 42 Resp: 1872
 Ion Ratio Lower Upper
 42 100
 74 5.7 96.8 145.2#
 44 29.3 5.3 7.9#



#4
 2-Fluorophenol
 Concen: 0.061 ng
 RT: 5.348 min Scan# 314
 Delta R.T. 0.000 min
 Lab File: BN038180.D
 Acq: 10 Nov 2025 13:52

Tgt Ion: 112 Resp: 1277
 Ion Ratio Lower Upper
 112 100
 64 55.8 45.4 68.0
 63 33.5 23.2 34.8

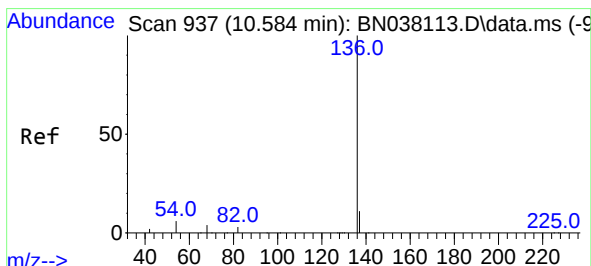
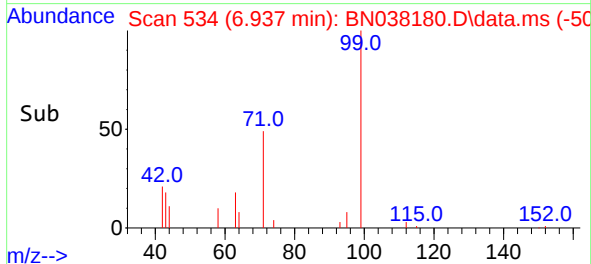
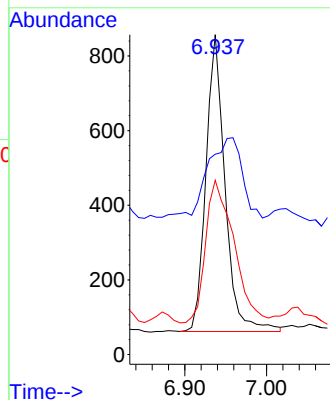
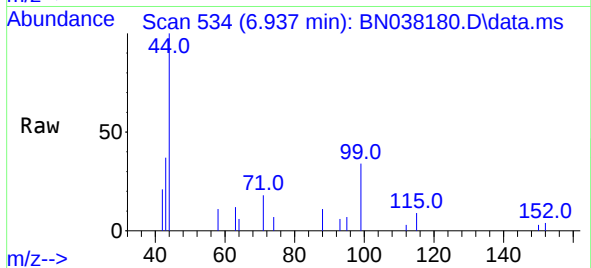




#5
Phenol-d6
Concen: 0.051 ng
RT: 6.937 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

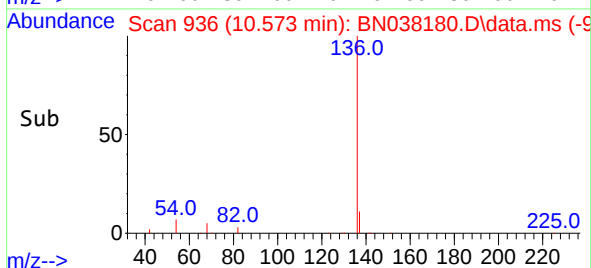
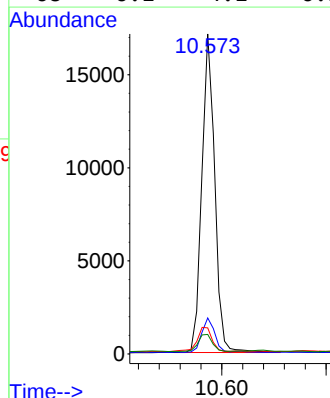
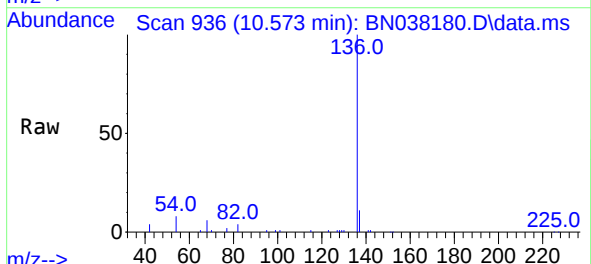
Instrument :
BNA_N
ClientSampleId :
MW-8DL

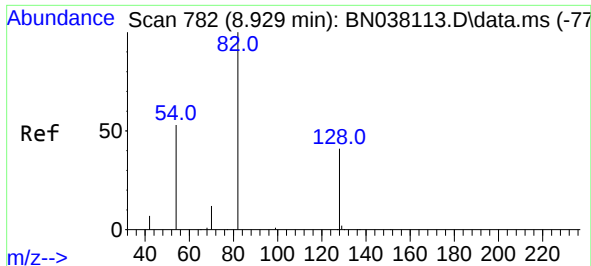
Tgt Ion: 99 Resp: 1293
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 73.0 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion: 136 Resp: 29425
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.1 5.2 7.8#
68 6.1 4.1 6.1

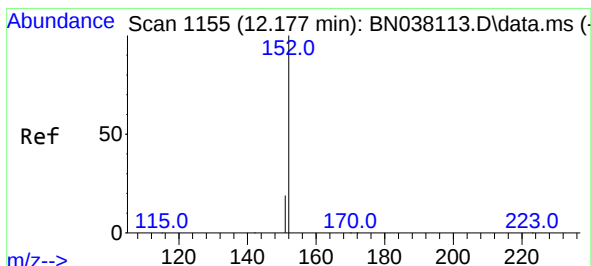
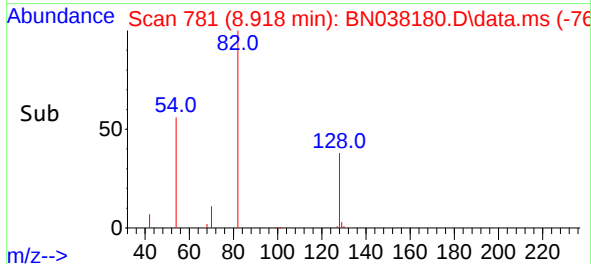
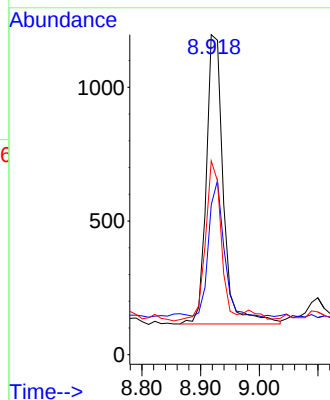
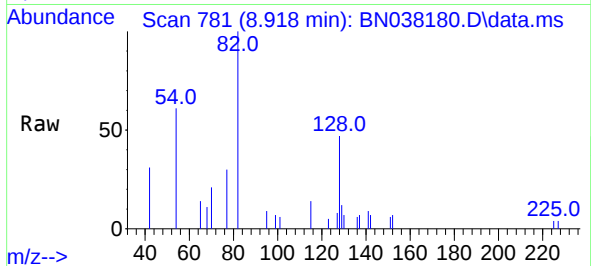




#8
Nitrobenzene-d5
Concen: 0.092 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

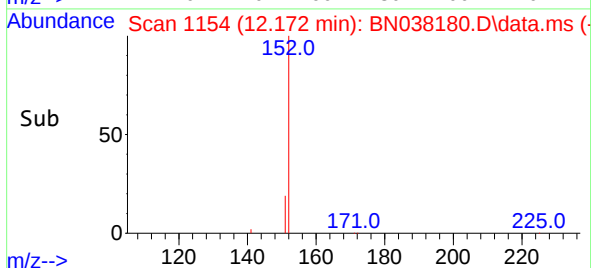
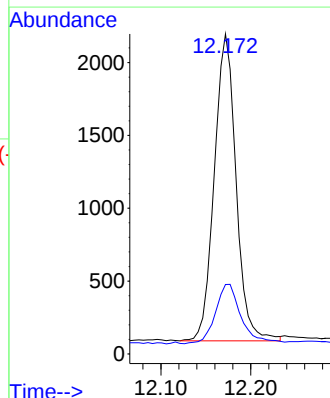
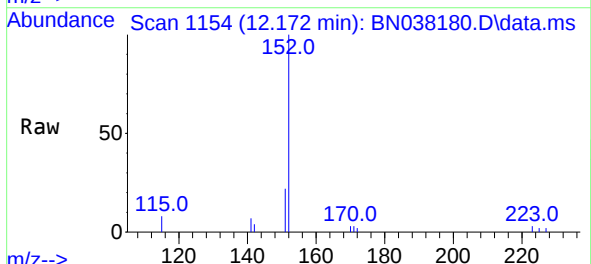
Instrument :
BNA_N
ClientSampleId :
MW-8DL

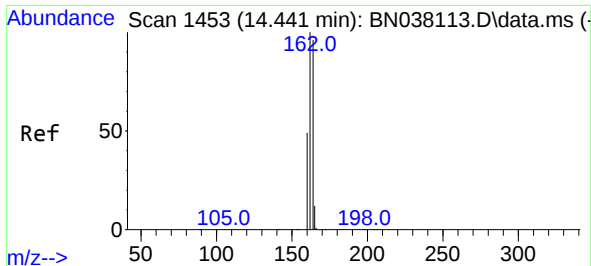
Tgt Ion: 82 Resp: 2188
Ion Ratio Lower Upper
82 100
128 46.8 34.1 51.1
54 60.6 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.084 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:152 Resp: 3548
Ion Ratio Lower Upper
152 100
151 23.0 16.8 25.2

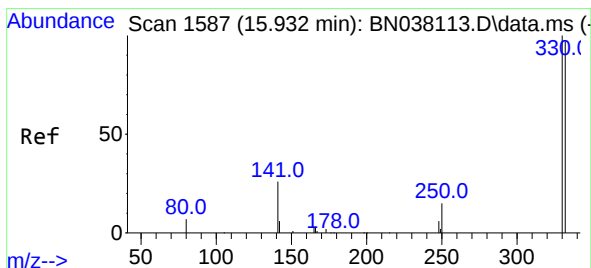
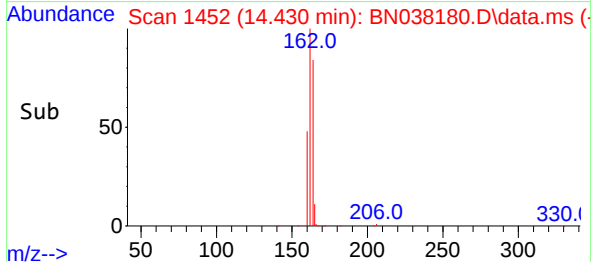
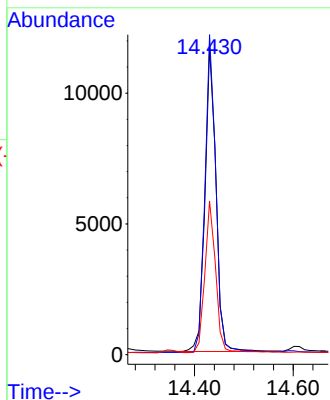
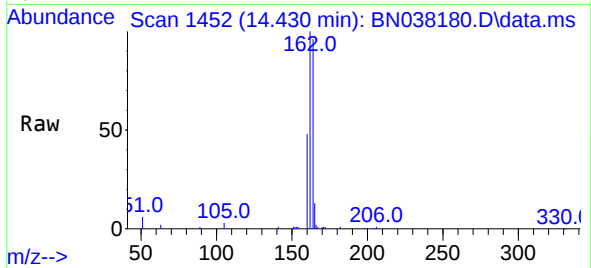




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

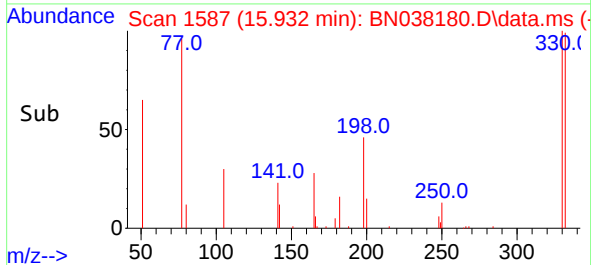
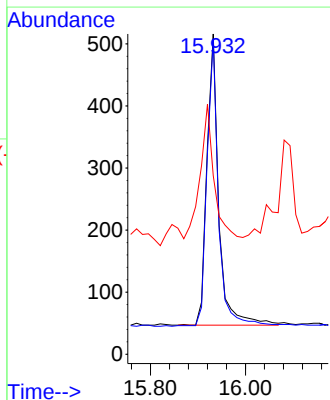
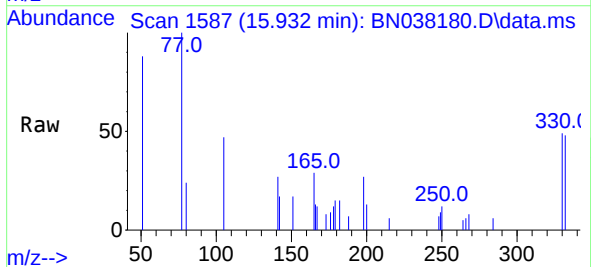
Instrument :
BNA_N
ClientSampleId :
MW-8DL

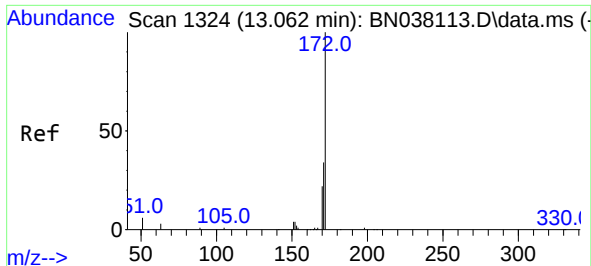
Tgt Ion:164 Resp: 18072
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.4
160 50.0 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.109 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:330 Resp: 815
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 55.7 34.1 51.1#

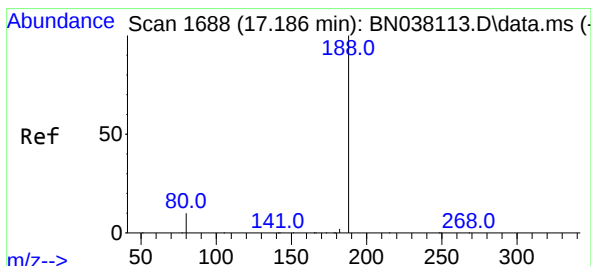
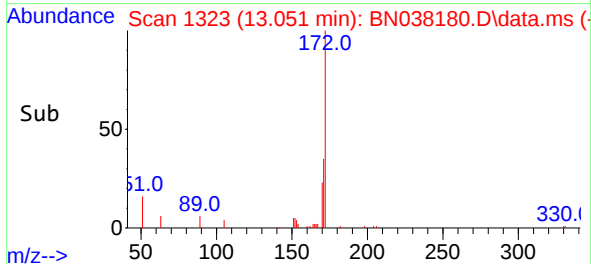
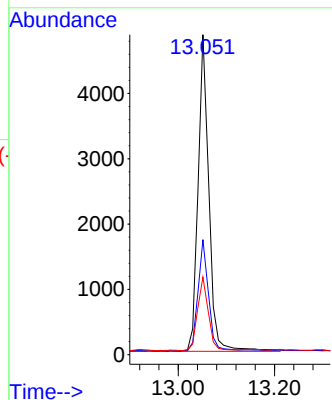
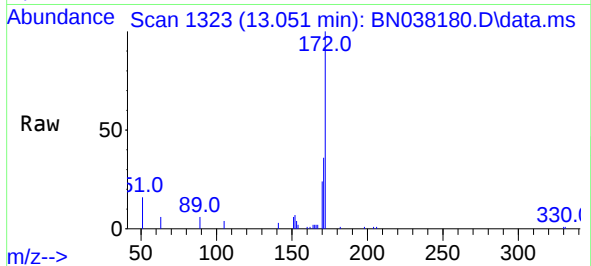




#15
2-Fluorobiphenyl
Concen: 0.102 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

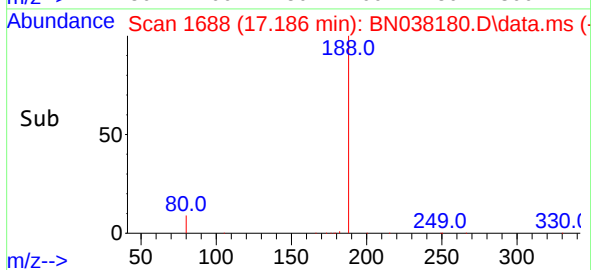
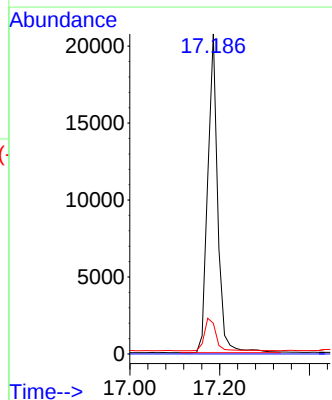
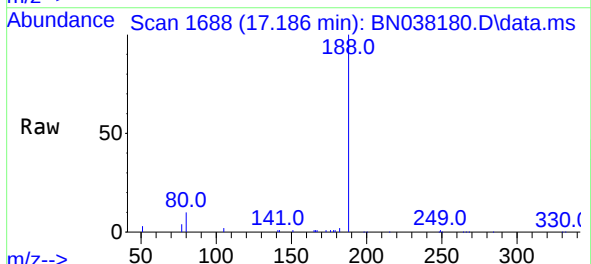
Instrument :
BNA_N
ClientSampleId :
MW-8DL

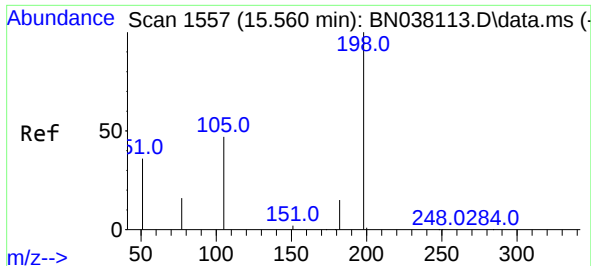
Tgt Ion:	172	Resp:	7368
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.2	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:	188	Resp:	31918
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	8.6	13.0

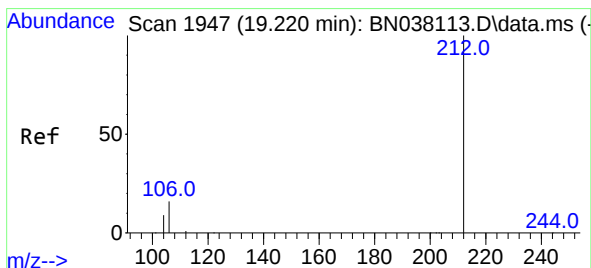
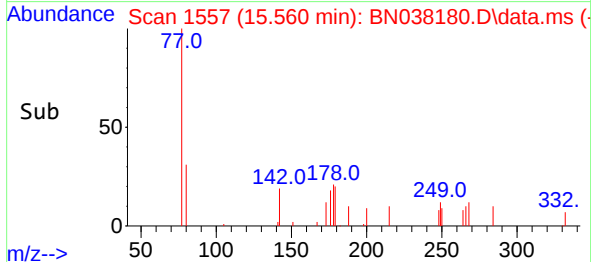
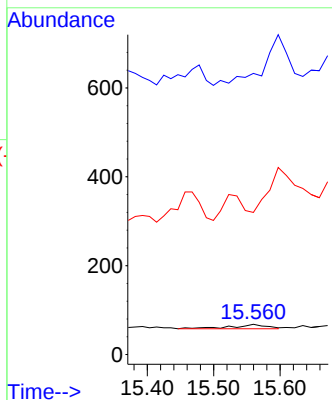
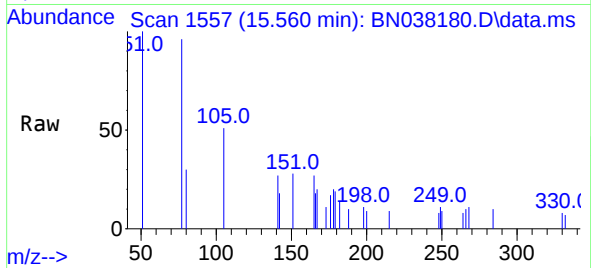




#20
4,6-Dinitro-2-methylphenol
Concen: 0.189 ng
RT: 15.560 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

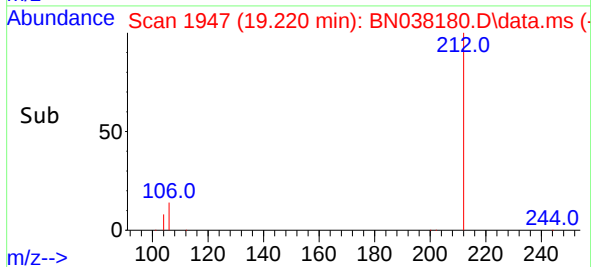
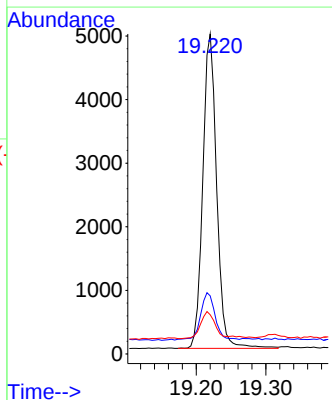
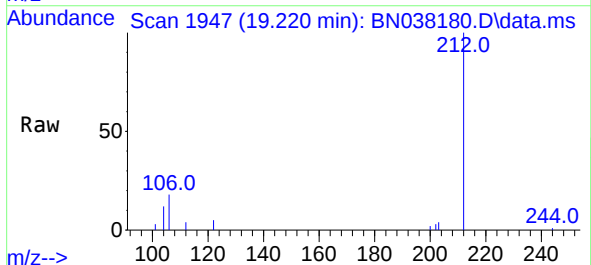
Instrument :
BNA_N
ClientSampleId :
MW-8DL

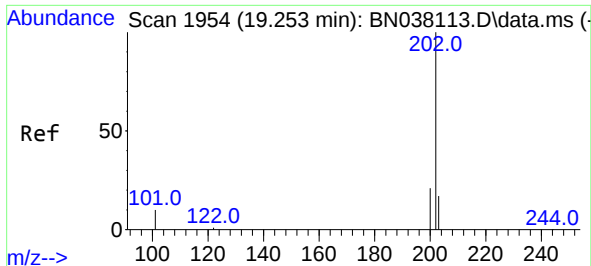
Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 930.9 88.9 133.3#
105 470.6 49.2 73.8#



#27
Fluoranthene-d10
Concen: 0.085 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:212 Resp: 6848
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 9.5 7.1 10.7

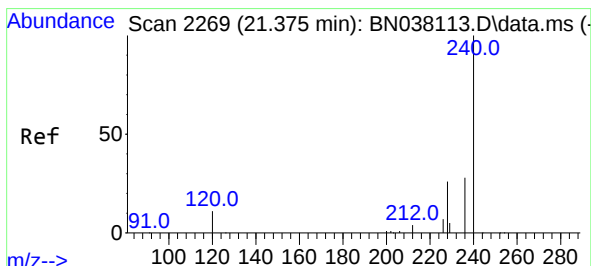
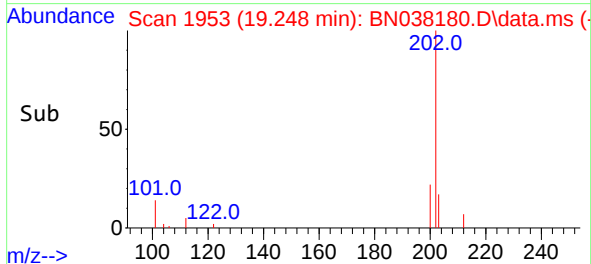
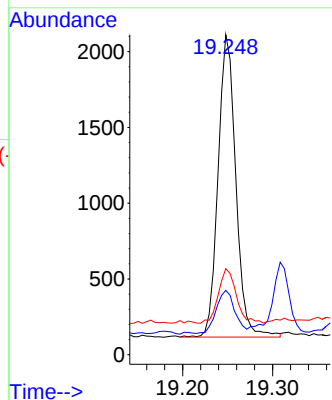
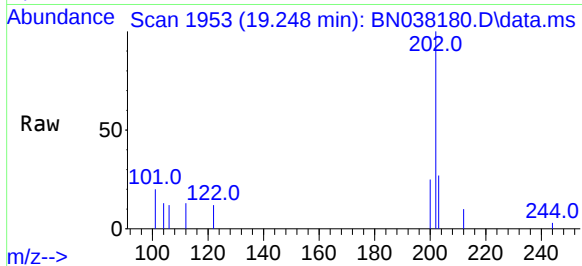




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.248 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

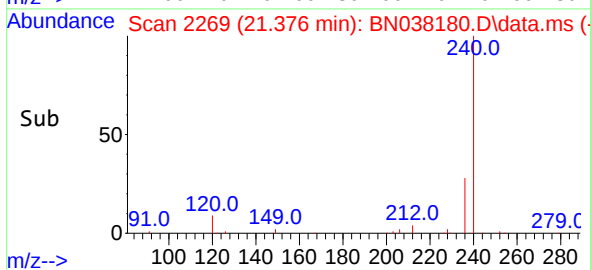
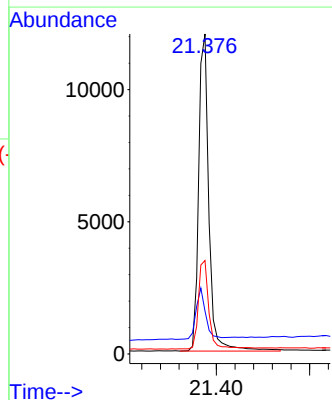
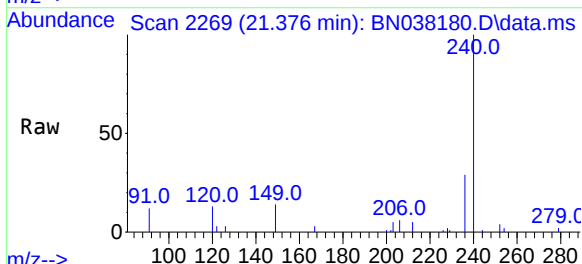
Instrument :
BNA_N
ClientSampleId :
MW-8DL

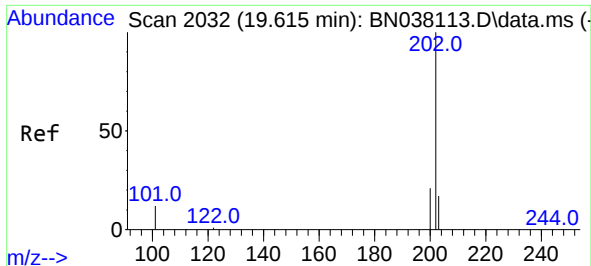
Tgt Ion:202 Resp: 2734
Ion Ratio Lower Upper
202 100
101 15.0 9.4 14.2#
203 18.0 13.4 20.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:240 Resp: 18273
Ion Ratio Lower Upper
240 100
120 13.4 10.7 16.1
236 29.2 23.1 34.7

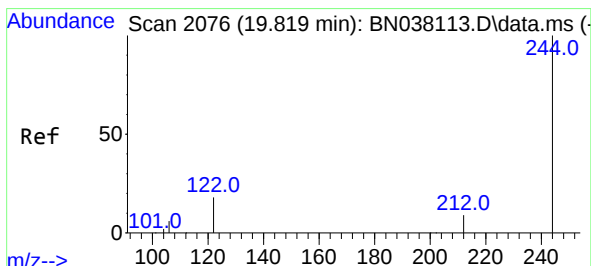
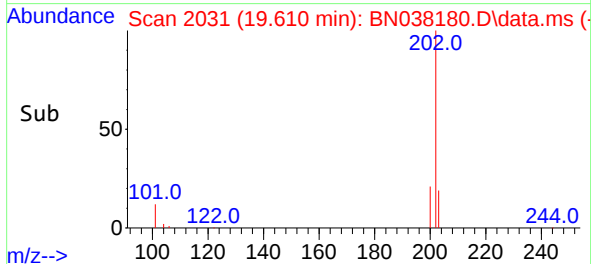
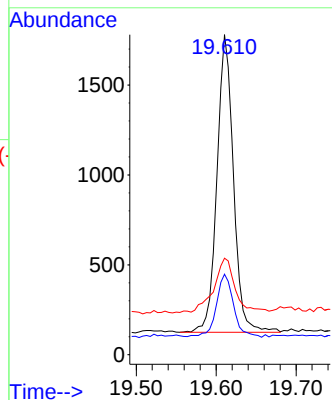
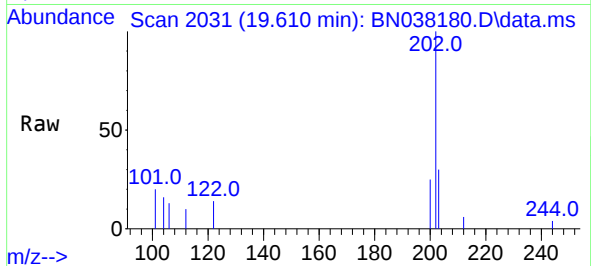




#30
Pyrene
Concen: 0.029 ng
RT: 19.610 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

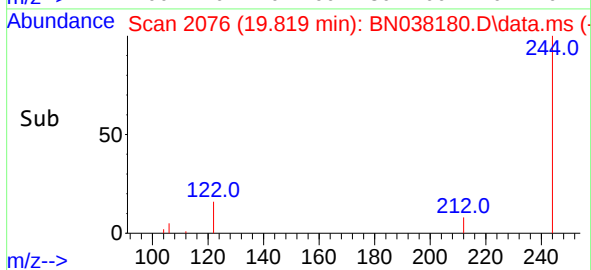
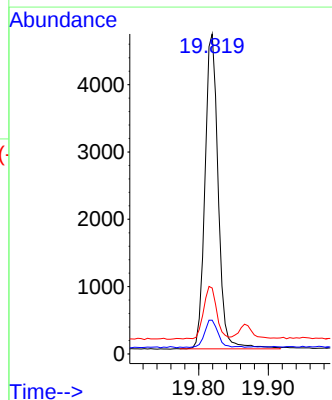
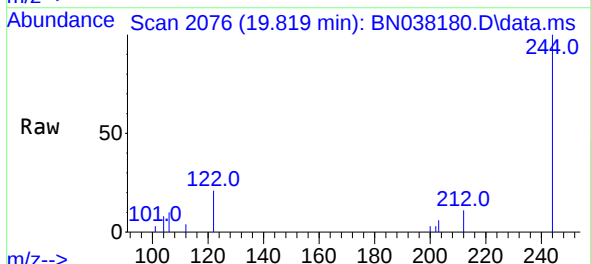
Instrument :
BNA_N
ClientSampleId :
MW-8DL

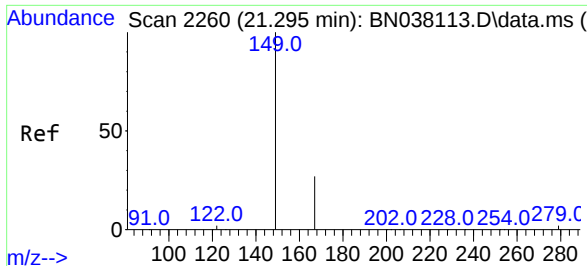
Tgt Ion:202 Resp: 2377
Ion Ratio Lower Upper
202 100
200 22.3 16.7 25.1
203 24.2 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.155 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:244 Resp: 6164
Ion Ratio Lower Upper
244 100
212 10.5 7.8 11.6
122 20.6 15.2 22.8

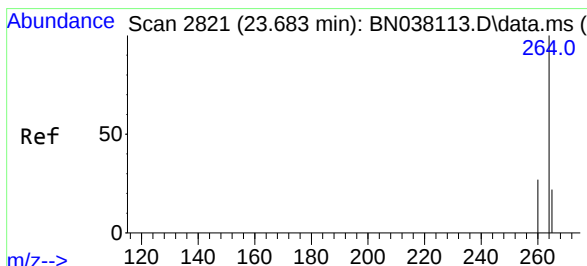
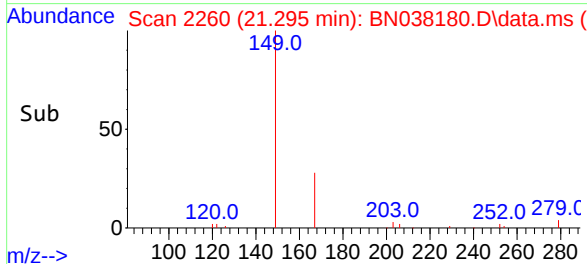
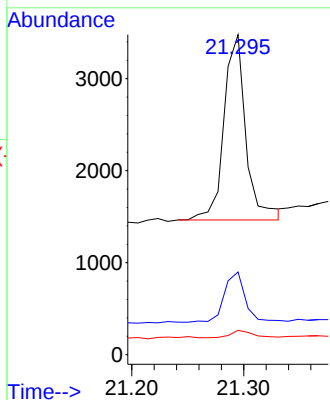
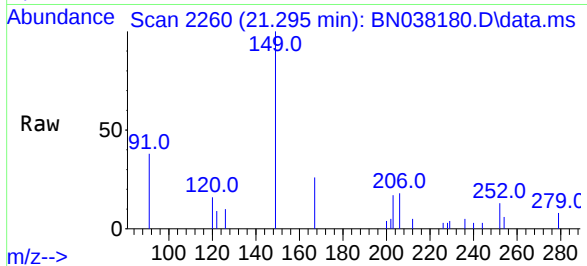




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.295 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN038180.D
 Acq: 10 Nov 2025 13:52

Instrument :
 BNA_N
 ClientSampleId :
 MW-8DL

Tgt Ion:149 Resp: 2745
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.1 31.7
 279 4.1 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.680 min Scan# 2820
 Delta R.T. 0.000 min
 Lab File: BN038180.D
 Acq: 10 Nov 2025 13:52

Tgt Ion:264 Resp: 17133
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.8 32.8
 265 95.3 68.6 102.8

