

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038193.D
 Acq On : 12 Nov 2025 15:34
 Operator : RC/JU
 Sample : Q3584-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-2

Quant Time: Nov 12 16:02:25 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)

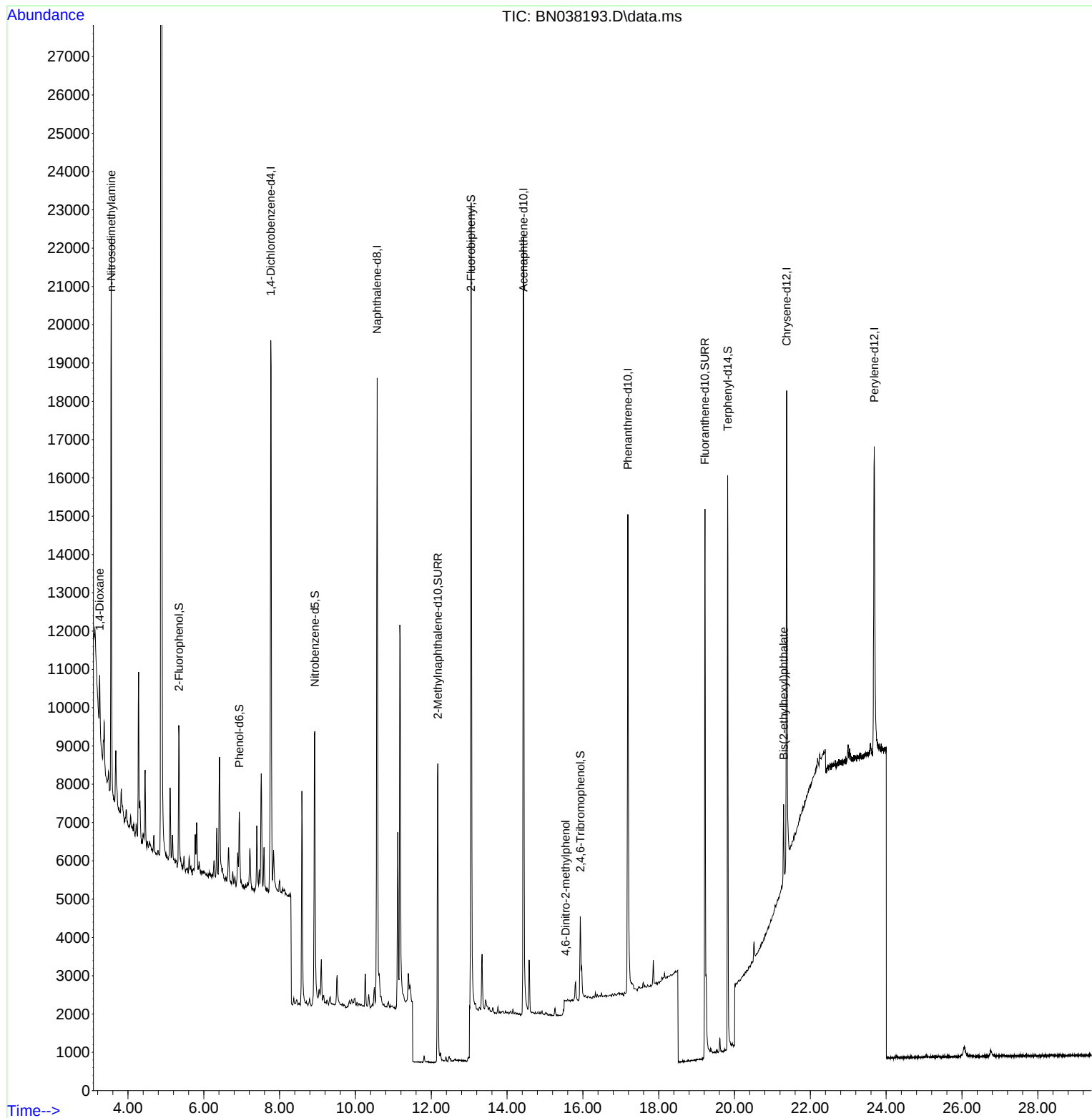
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	7532	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	22809	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	12555	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	19699	0.400	ng	0.00
29) Chrysene-d12	21.375	240	13022	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	12879	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3038	0.171	ng	0.00
5) Phenol-d6	6.937	99	2167	0.100	ng	0.00
8) Nitrobenzene-d5	8.929	82	6826	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10949	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1548	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19515	0.388	ng	0.00
27) Fluoranthene-d10	19.220	212	17319	0.349	ng	0.00
31) Terphenyl-d14	19.819	244	15311	0.541	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	785	0.101	ng	# 31
3) n-Nitrosodimethylamine	3.557	42	1023	0.102	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.547	198	7	0.185	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	2038	0.083	ng	98

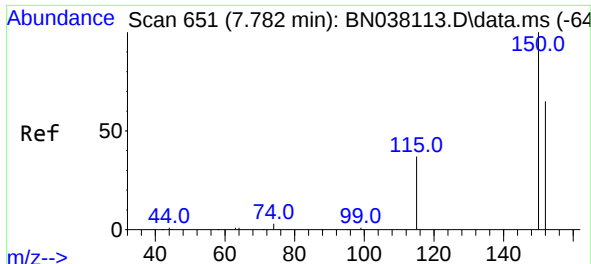
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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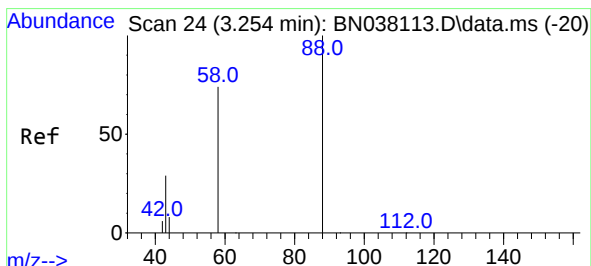
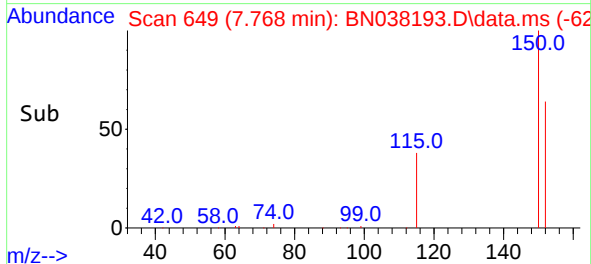
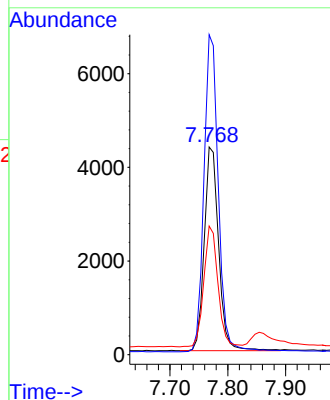
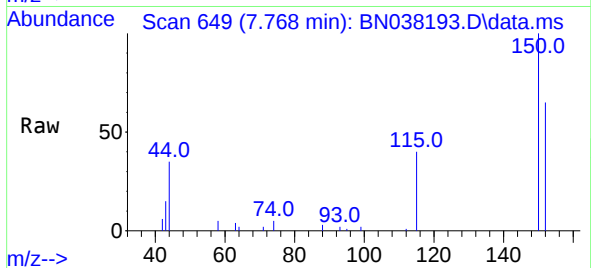




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

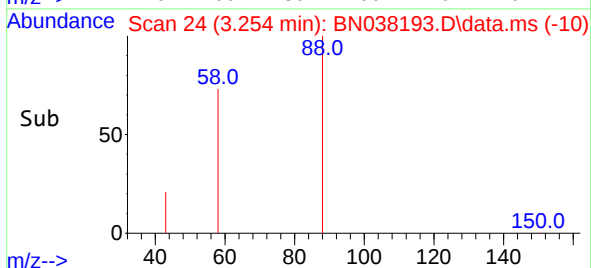
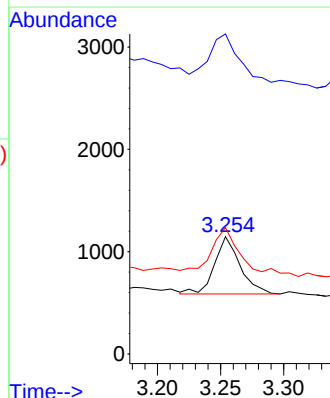
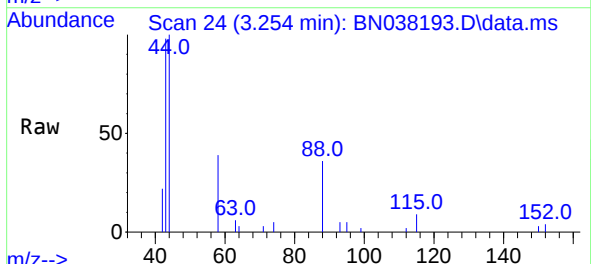
Instrument :
BNA_N
ClientSampleId :
FB-2

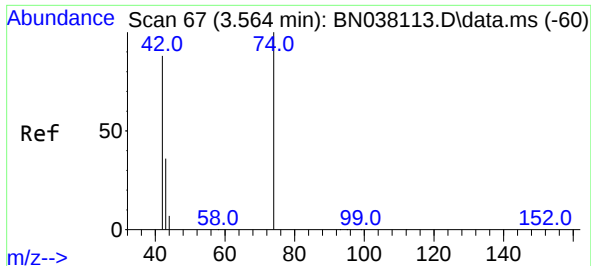
Tgt Ion:152 Resp: 7532
Ion Ratio Lower Upper
152 100
150 154.0 122.3 183.5
115 61.9 47.4 71.0



#2
1,4-Dioxane
Concen: 0.101 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion: 88 Resp: 785
Ion Ratio Lower Upper
88 100
43 115.4 24.3 36.5#
58 104.6 60.4 90.6#

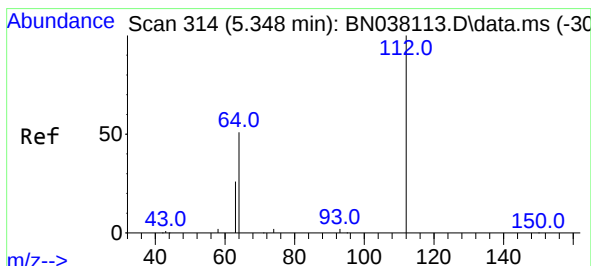
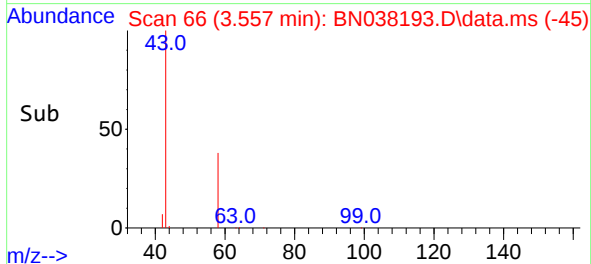
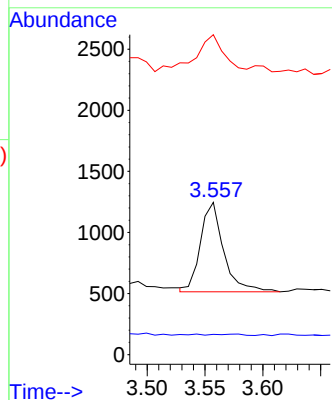
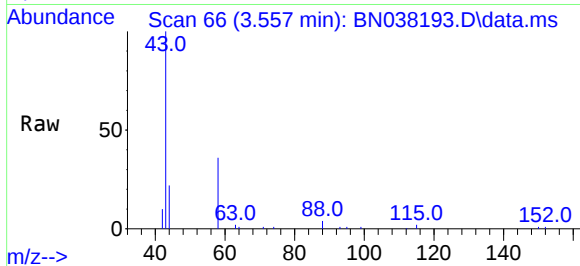




#3
n-Nitrosodimethylamine
Concen: 0.102 ng
RT: 3.557 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

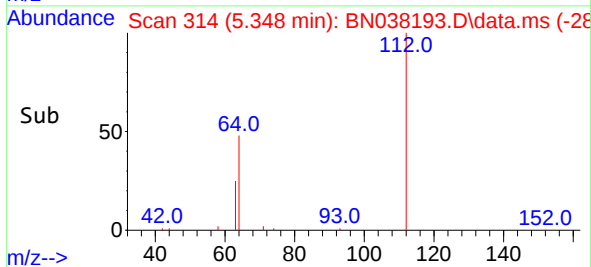
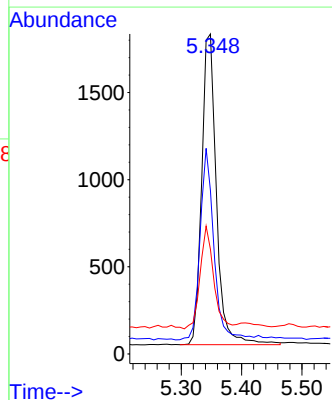
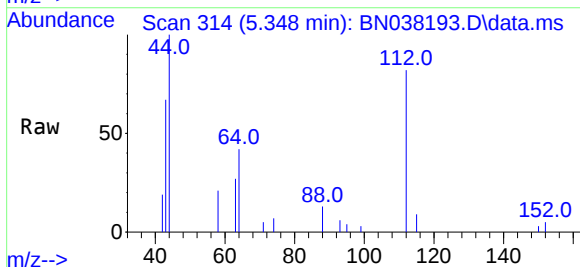
Instrument :
BNA_N
ClientSampleId :
FB-2

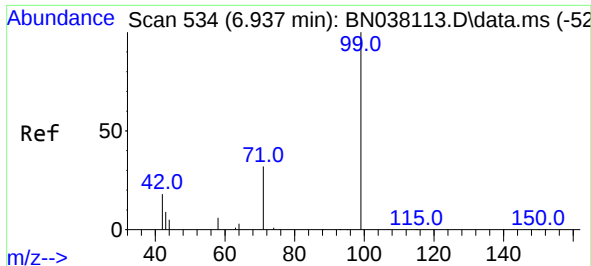
Tgt Ion: 42 Resp: 1023
Ion Ratio Lower Upper
42 100
74 1.0 96.8 145.2#
44 53.7 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion: 112 Resp: 3038
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.0
63 30.2 23.2 34.8

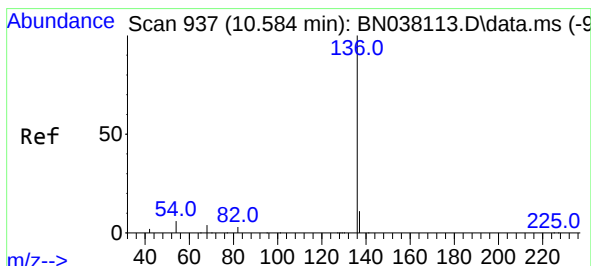
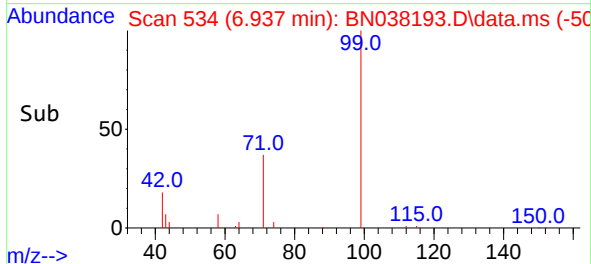
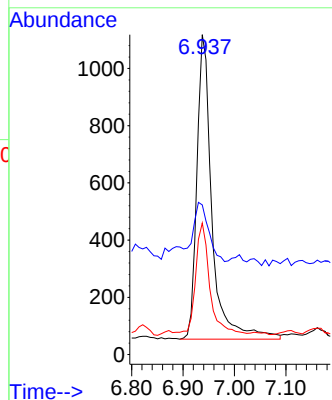
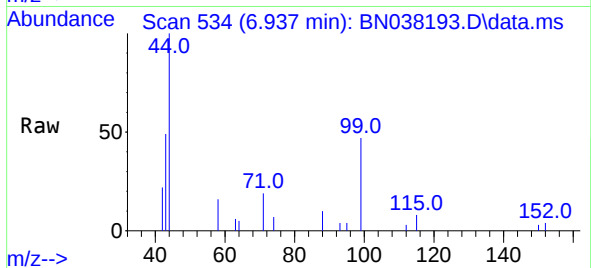




#5
Phenol-d6
Concen: 0.100 ng
RT: 6.937 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

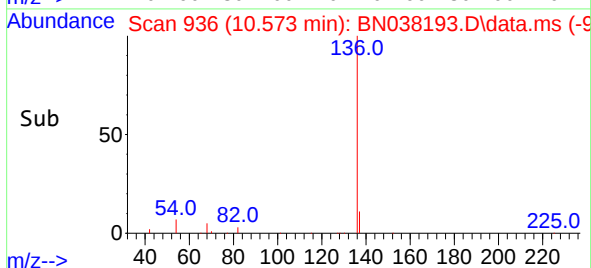
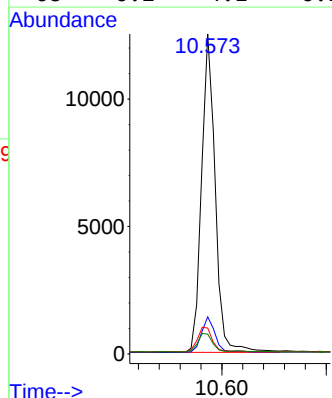
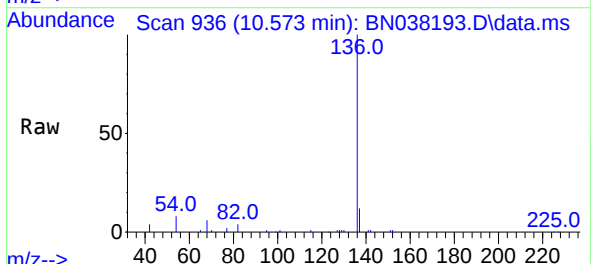
Instrument :
BNA_N
ClientSampleId :
FB-2

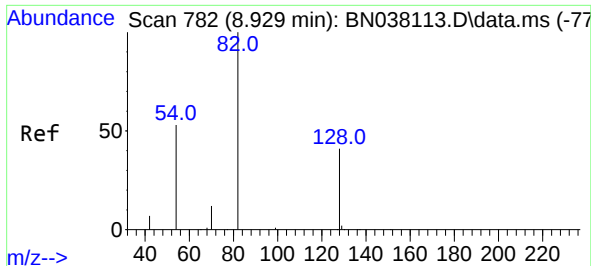
Tgt Ion: 99 Resp: 2167
Ion Ratio Lower Upper
99 100
42 19.8 16.6 24.8
71 33.5 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:136 Resp: 22809
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 8.1 5.2 7.8#
68 6.2 4.1 6.1#

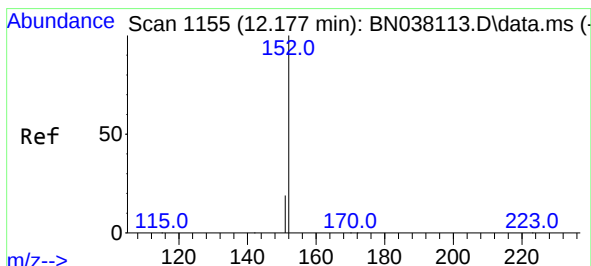
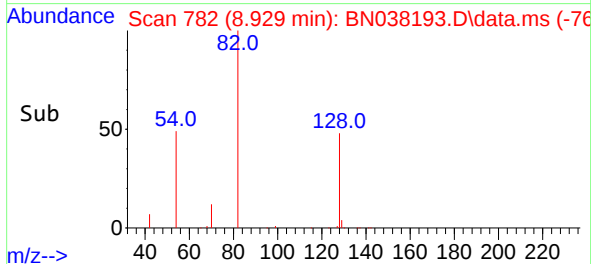
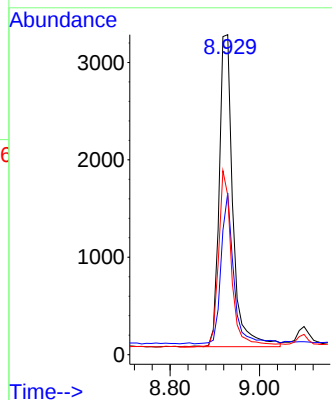
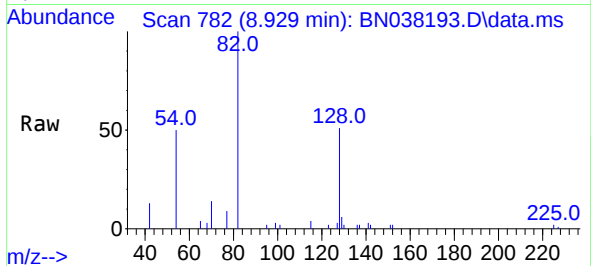




#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

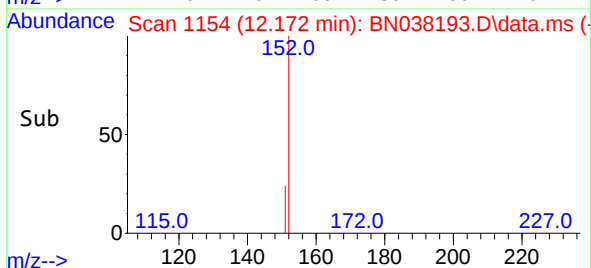
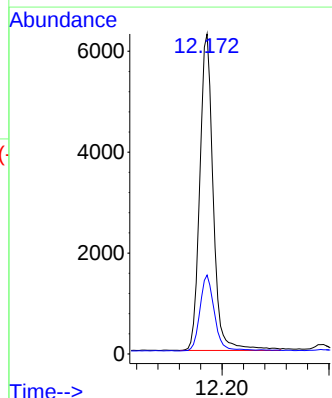
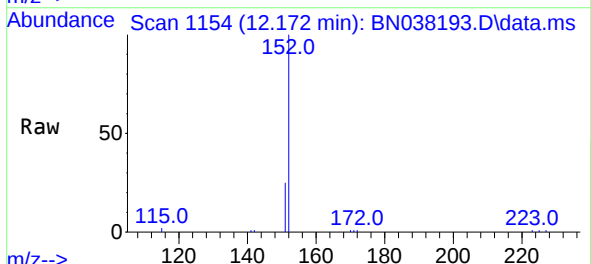
Instrument :
BNA_N
ClientSampleId :
FB-2

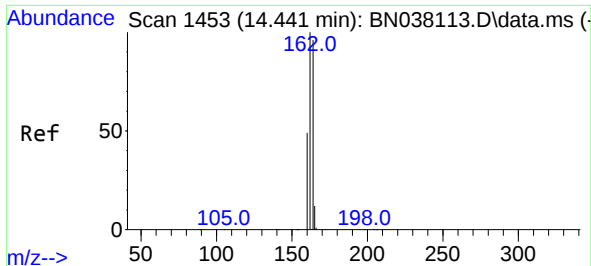
Tgt Ion: 82 Resp: 6826
Ion Ratio Lower Upper
82 100
128 50.5 34.1 51.1
54 49.9 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:152 Resp: 10949
Ion Ratio Lower Upper
152 100
151 25.8 16.8 25.2#

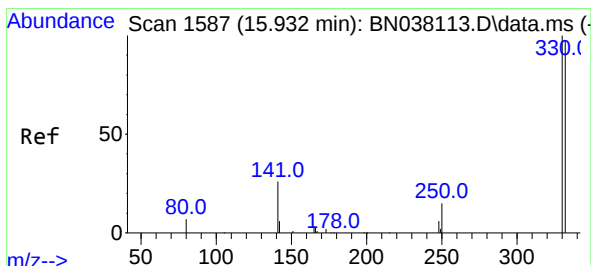
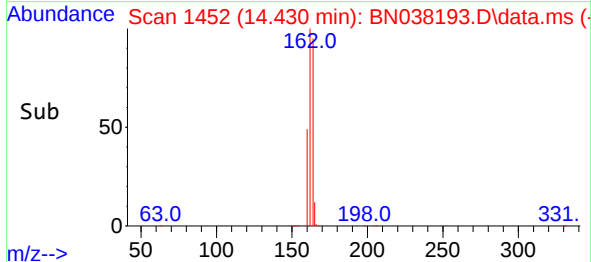
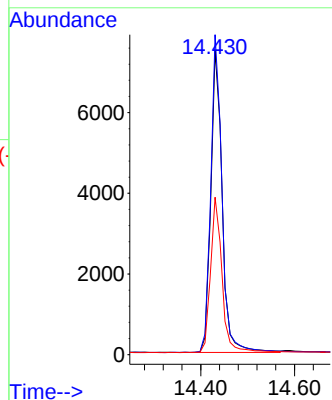
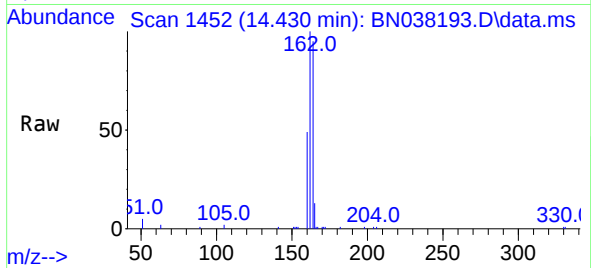




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

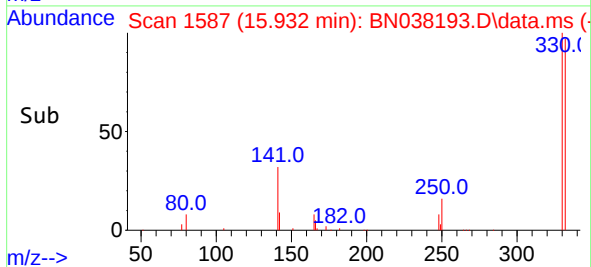
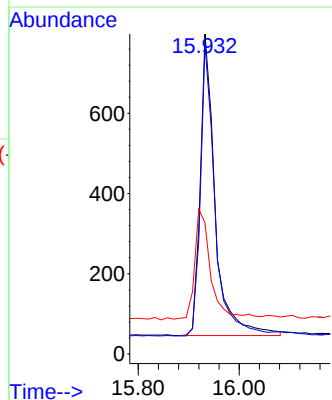
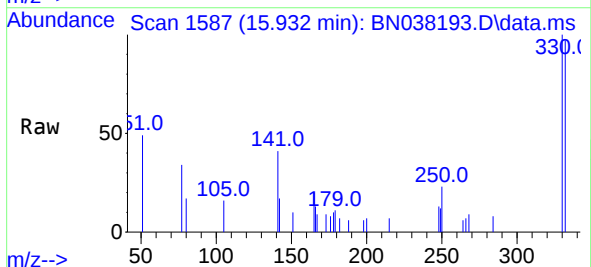
Instrument :
BNA_N
ClientSampleId :
FB-2

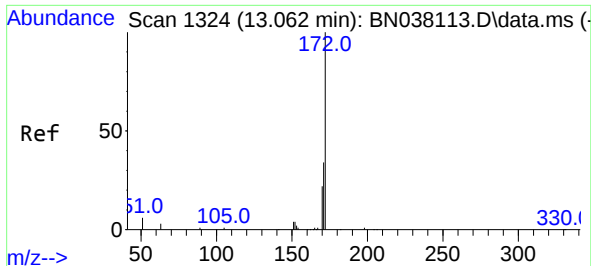
Tgt Ion:164 Resp: 12555
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.4
160 51.9 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:330 Resp: 1548
Ion Ratio Lower Upper
330 100
332 94.6 76.6 114.8
141 40.6 34.1 51.1

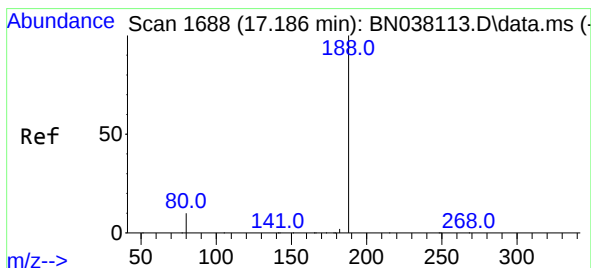
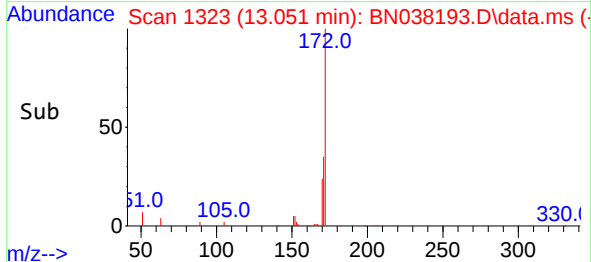
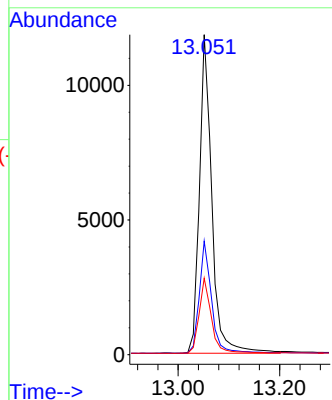
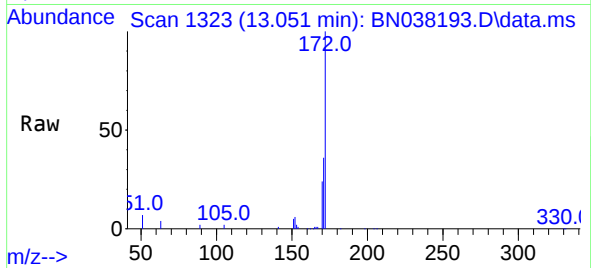




#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

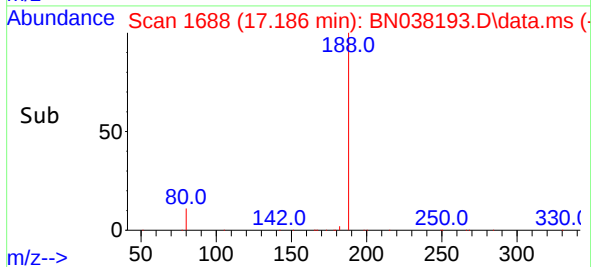
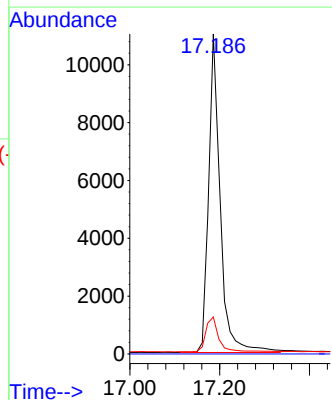
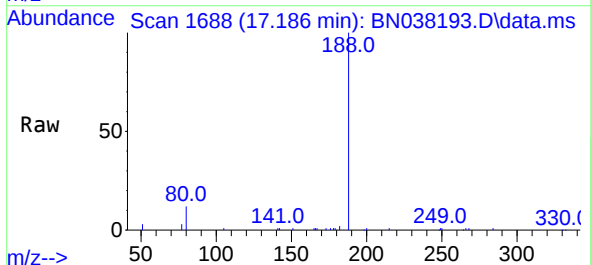
Instrument :
BNA_N
ClientSampleId :
FB-2

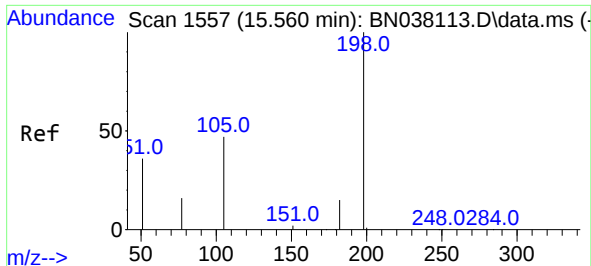
Tgt Ion:	172	Resp:	19515
Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.9	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:	188	Resp:	19699
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	8.6	13.0

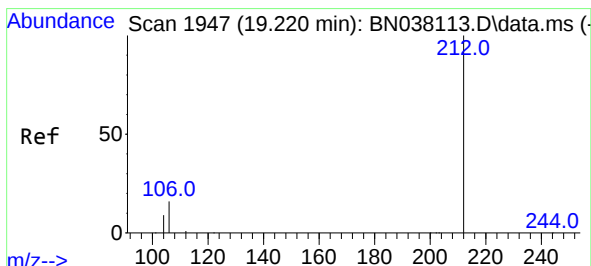
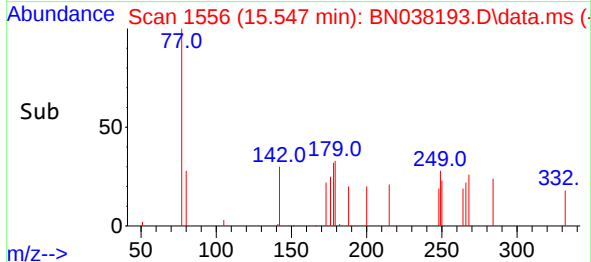
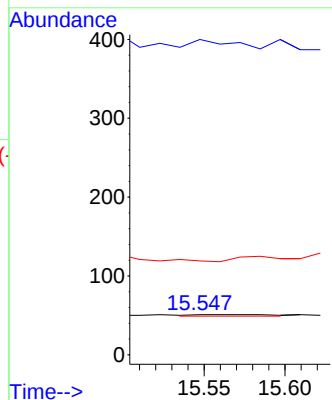
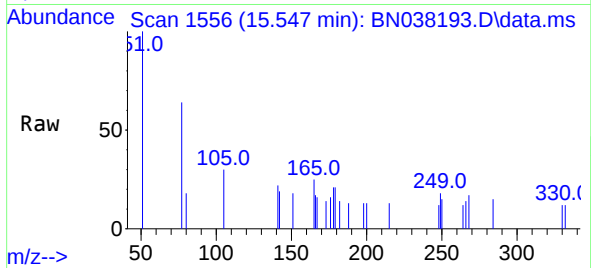




#20
4,6-Dinitro-2-methylphenol
Concen: 0.185 ng
RT: 15.547 min Scan# 1556
Delta R.T. -0.013 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

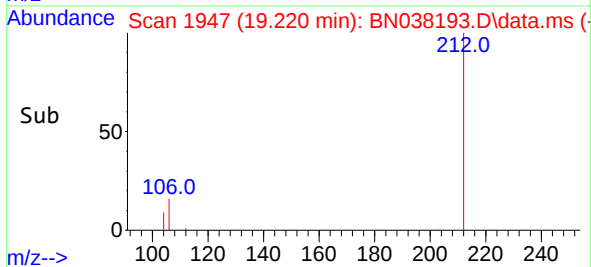
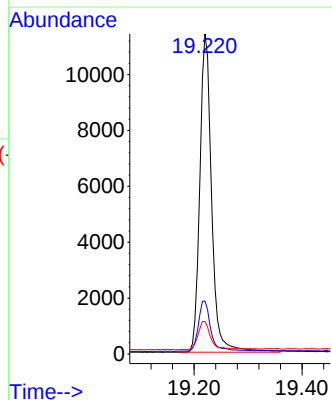
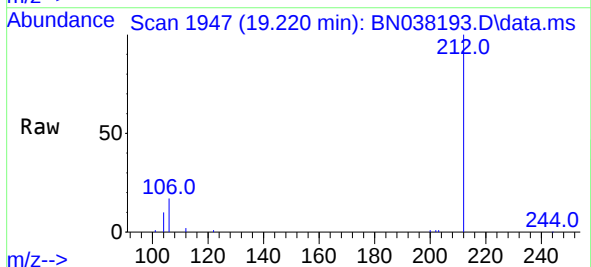
Instrument :
BNA_N
ClientSampleId :
FB-2

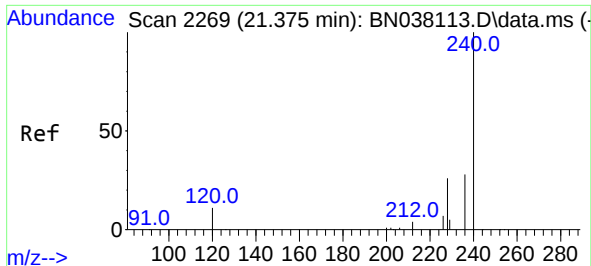
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 784.3 88.9 133.3#
105 233.3 49.2 73.8#



#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:212 Resp: 17319
Ion Ratio Lower Upper
212 100
106 16.9 12.6 19.0
104 9.8 7.1 10.7

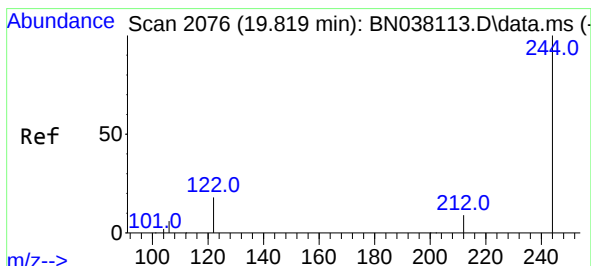
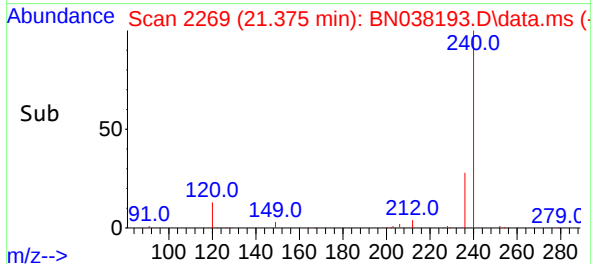
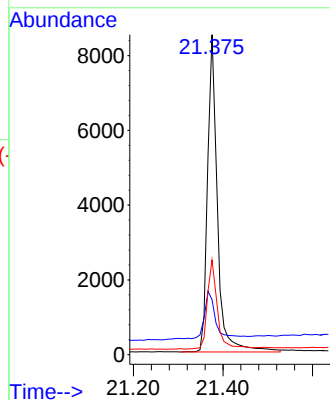
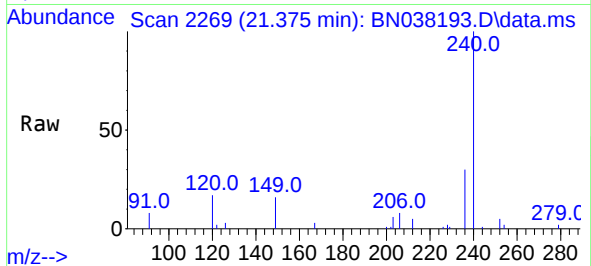




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

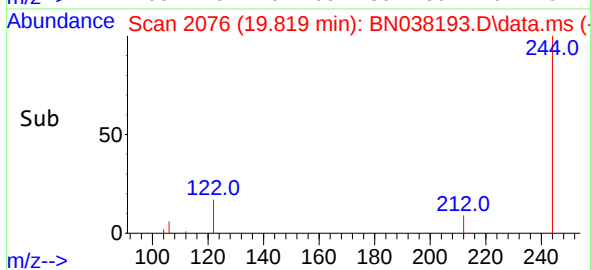
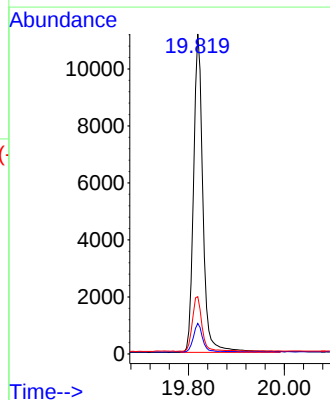
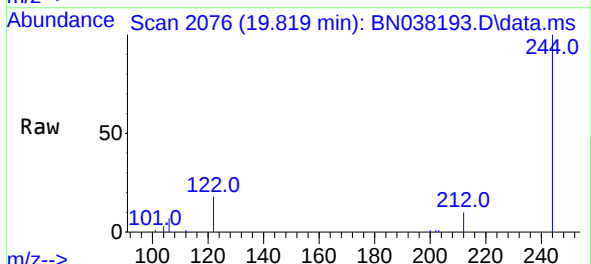
Instrument :
BNA_N
ClientSampleId :
FB-2

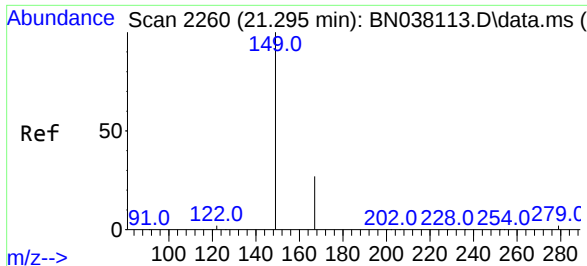
Tgt Ion:240 Resp: 13022
Ion Ratio Lower Upper
240 100
120 17.2 10.7 16.1#
236 29.6 23.1 34.7



#31
Terphenyl-d14
Concen: 0.541 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:244 Resp: 15311
Ion Ratio Lower Upper
244 100
212 9.6 7.8 11.6
122 17.9 15.2 22.8

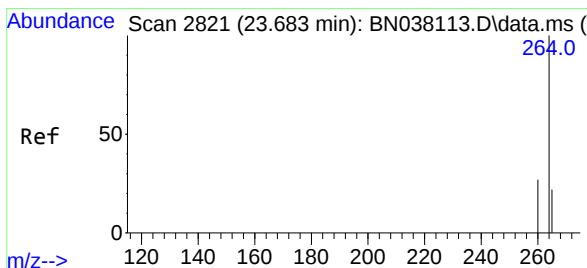
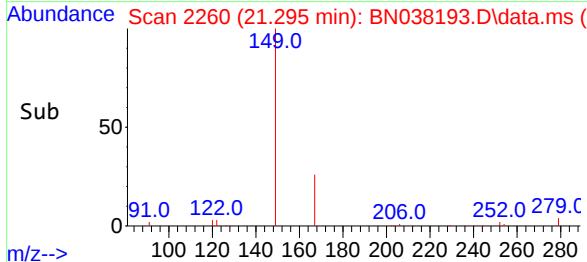
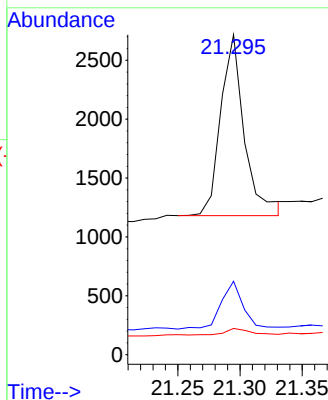
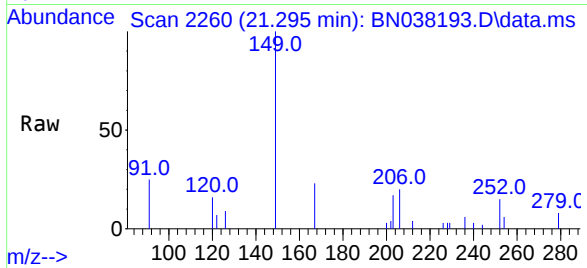




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.295 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Instrument :
BNA_N
ClientSampleId :
FB-2

Tgt Ion:149 Resp: 2038
Ion Ratio Lower Upper
149 100
167 25.0 21.1 31.7
279 3.7 2.9 4.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:264 Resp: 12879
Ion Ratio Lower Upper
264 100
260 26.8 21.8 32.8
265 123.5 68.6 102.8#

