

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038419.D
 Acq On : 16 Dec 2025 01:05
 Operator : RC/JU
 Sample : Q3837-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT184D-GW-20251210

Quant Time: Dec 16 01:29:41 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)

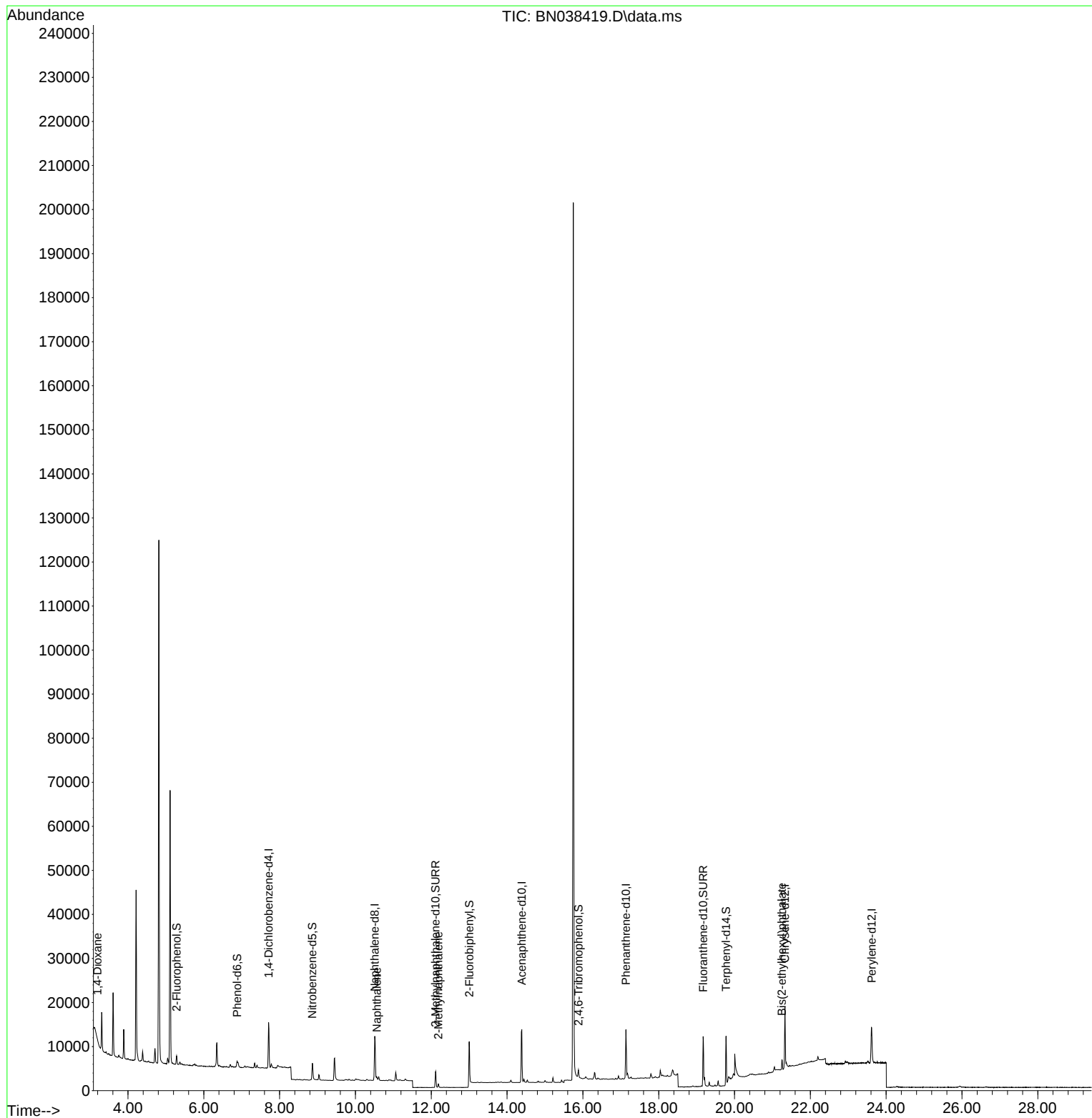
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	5164	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	14203	0.400	ng	#-0.02
13) Acenaphthene-d10	14.388	164	7601	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	14695	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	11999	0.400	ng	0.00
35) Perylene-d12	23.616	264	11212	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1596	0.124	ng	0.00
5) Phenol-d6	6.879	99	1135	0.074	ng	0.00
8) Nitrobenzene-d5	8.865	82	3424	0.286	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5203	0.260	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	1015	0.301	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	12582	0.344	ng	0.00
27) Fluoranthene-d10	19.174	212	12156	0.334	ng	-0.01
31) Terphenyl-d14	19.778	244	10331	0.386	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.196	88	345	0.058	ng	# 63
9) Naphthalene	10.562	128	1040	0.025	ng	# 78
12) 2-Methylnaphthalene	12.187	142	614	0.023	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.250	149	2474	0.097	ng	# 98

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

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
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BP-TT184D-GW-20251210

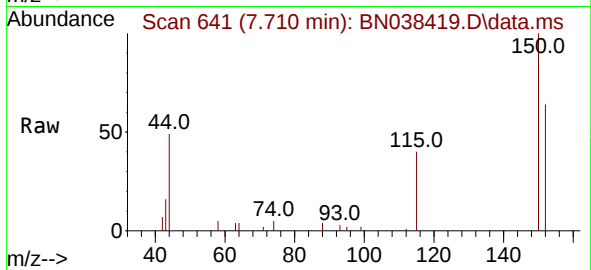
Quant Time: Dec 16 01:29:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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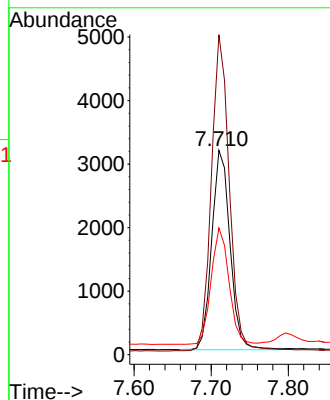
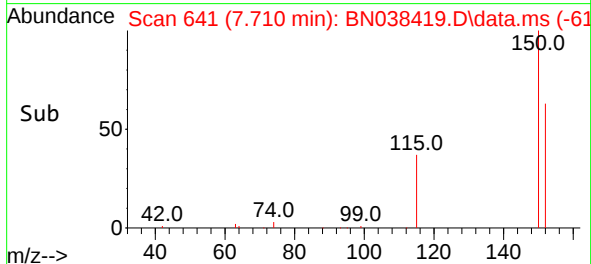


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038419.D
 Acq: 16 Dec 2025 01:05

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT184D-GW-20251210

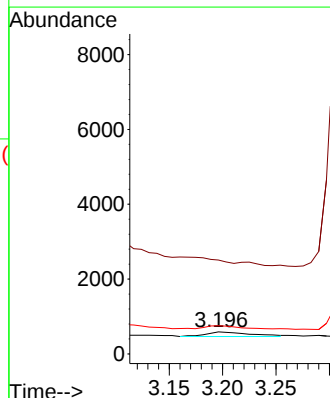
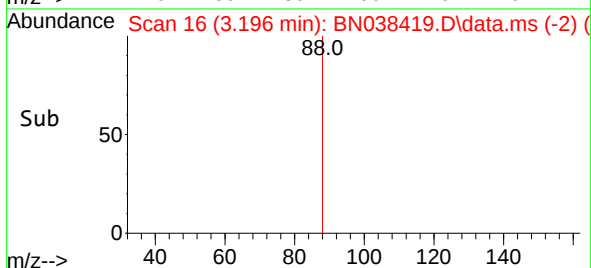
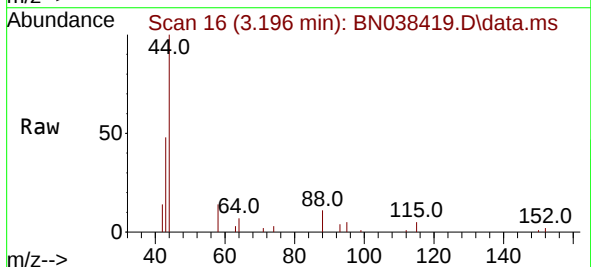


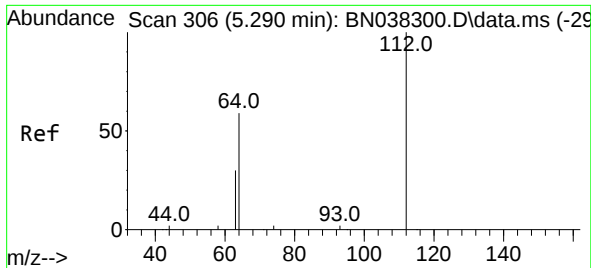
Tgt Ion:152 Resp: 5164
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.4 183.6
 115 62.1 47.3 70.9



#2
 1,4-Dioxane
 Concen: 0.058 ng
 RT: 3.196 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BN038419.D
 Acq: 16 Dec 2025 01:05

Tgt Ion: 88 Resp: 345
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.9 37.3#
 58 51.9 61.4 92.0#





#4

2-Fluorophenol

Concen: 0.124 ng

RT: 5.283 min Scan# 306

Delta R.T. -0.007 min

Lab File: BN038419.D

Acq: 16 Dec 2025 01:05

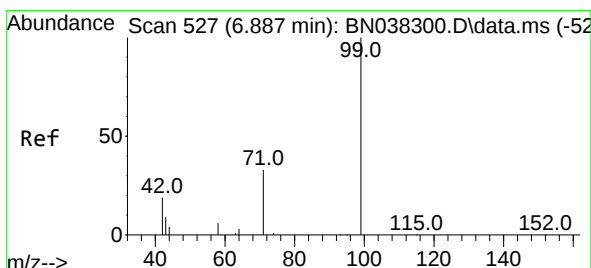
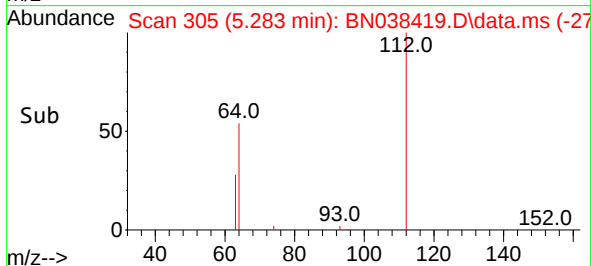
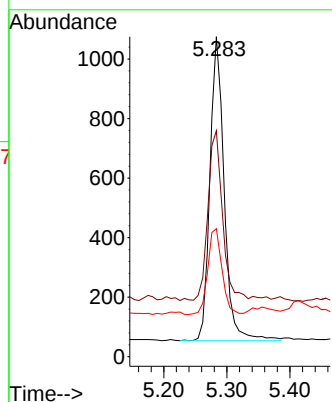
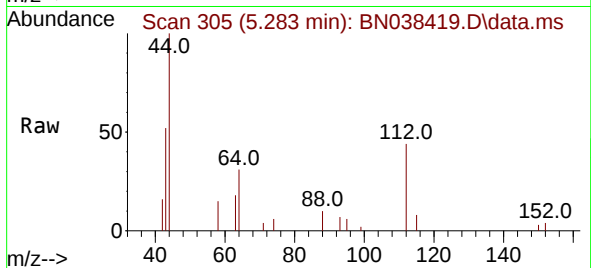
Instrument :

BNA_N

ClientSampleId :

BP-TT184D-GW-20251210

Tgt Ion:	112	Resp:	1596
Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.4	66.6
63	28.1	23.4	35.0



#5

Phenol-d6

Concen: 0.074 ng

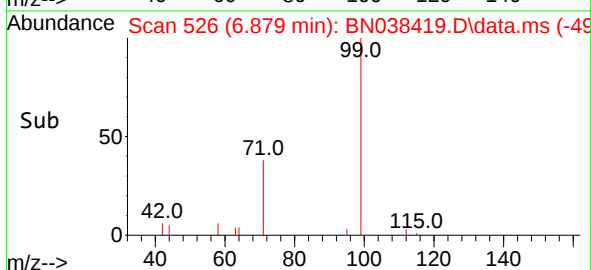
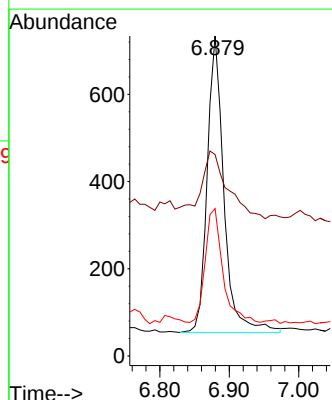
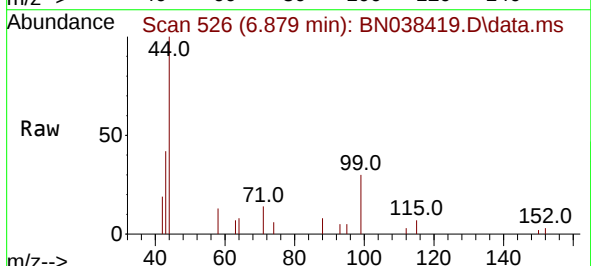
RT: 6.879 min Scan# 526

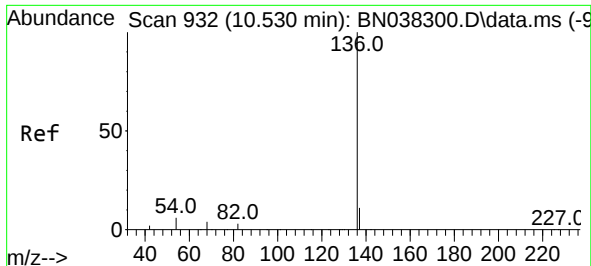
Delta R.T. -0.007 min

Lab File: BN038419.D

Acq: 16 Dec 2025 01:05

Tgt Ion:	99	Resp:	1135
Ion	Ratio	Lower	Upper
99	100		
42	36.4	16.5	24.7#
71	41.0	24.9	37.3#

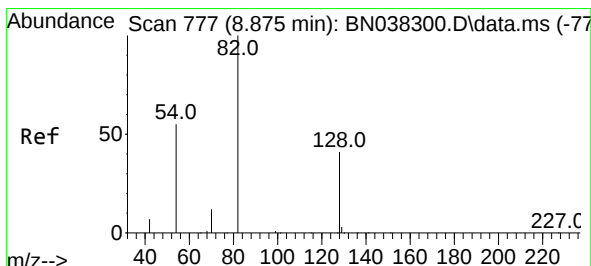
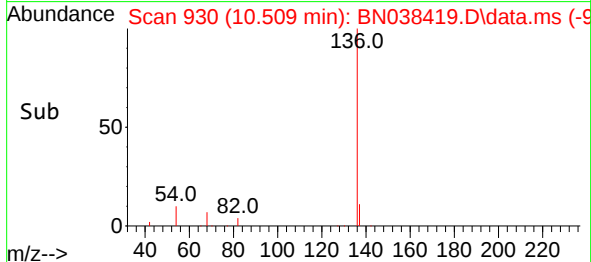
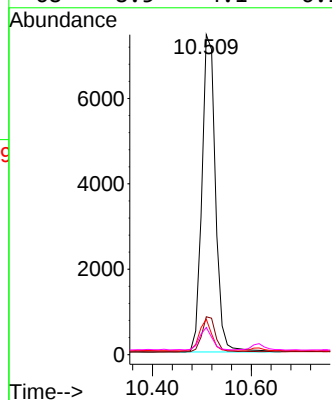
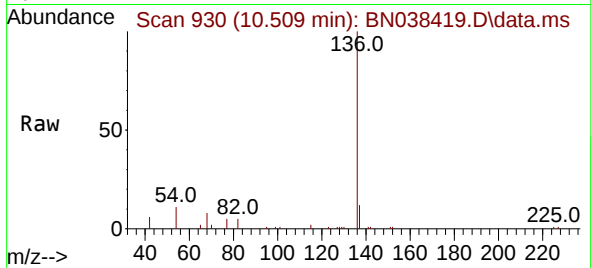




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

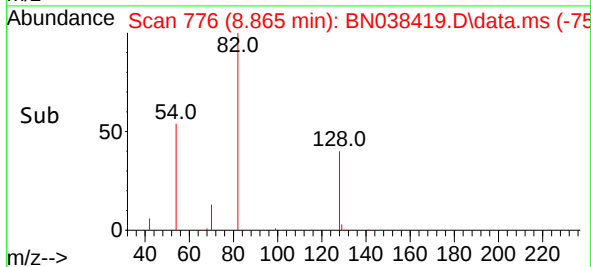
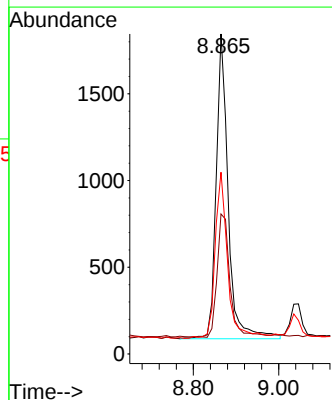
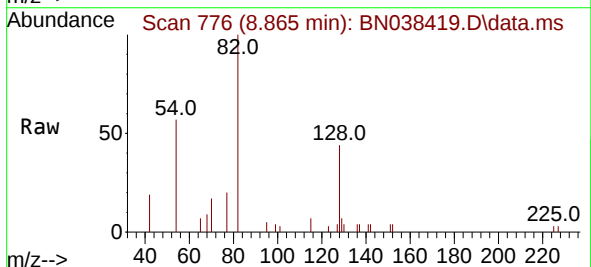
Instrument :
BNA_N
ClientSampleId :
BP-TT184D-GW-20251210

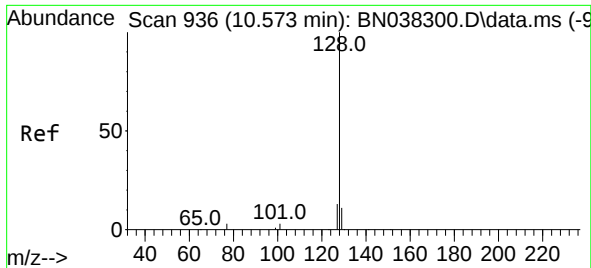
Tgt Ion:	136	Resp:	14203
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.1	13.7
54	11.1	5.2	7.8#
68	8.5	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

Tgt Ion:	82	Resp:	3424
Ion Ratio	Lower	Upper	
82	100		
128	43.7	34.0	51.0
54	56.8	44.4	66.6

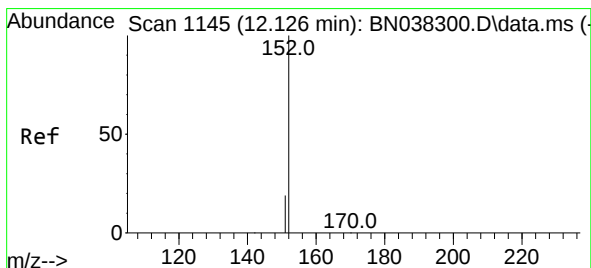
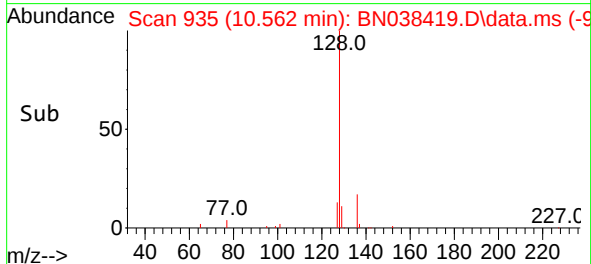
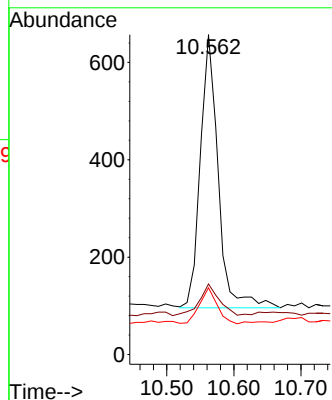
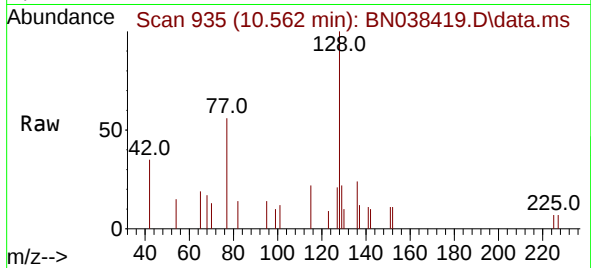




#9
Naphthalene
Concen: 0.025 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

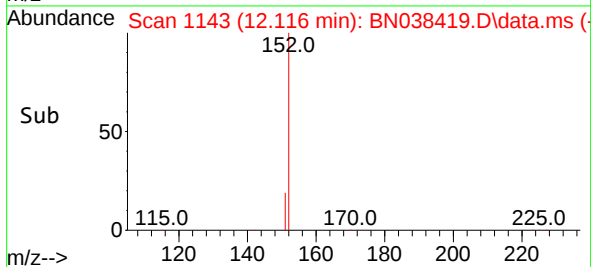
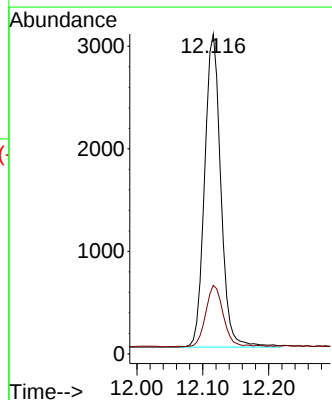
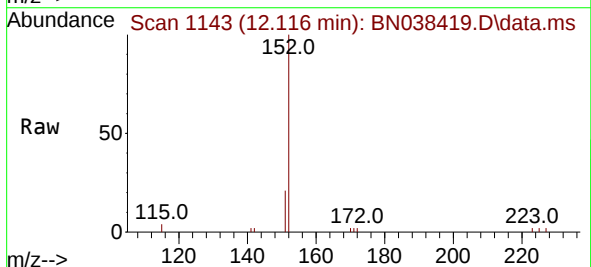
Instrument :
BNA_N
ClientSampleId :
BP-TT184D-GW-20251210

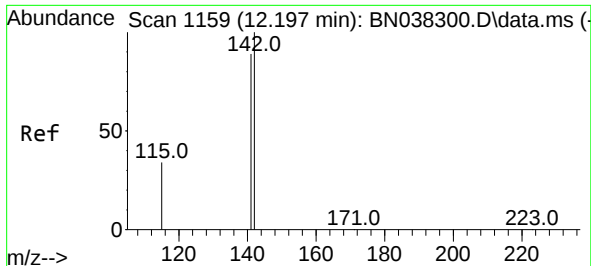
Tgt Ion:128 Resp: 1040
Ion Ratio Lower Upper
128 100
129 22.1 9.1 13.7#
127 20.9 10.9 16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

Tgt Ion:152 Resp: 5203
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6

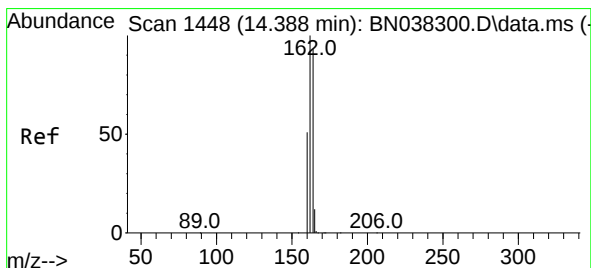
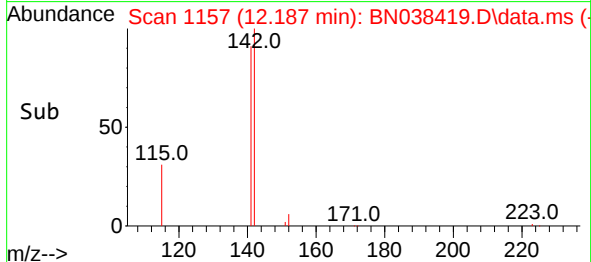
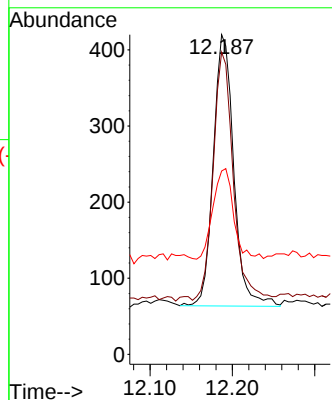
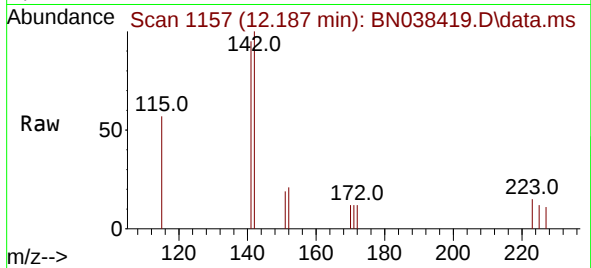




#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.187 min Scan# 1157
Delta R.T. -0.015 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

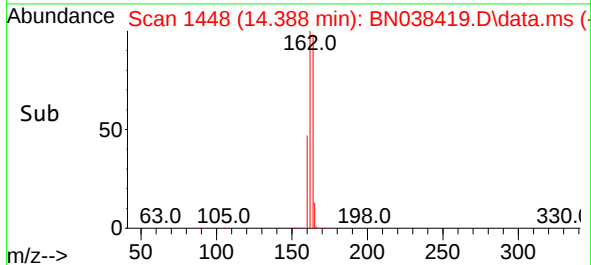
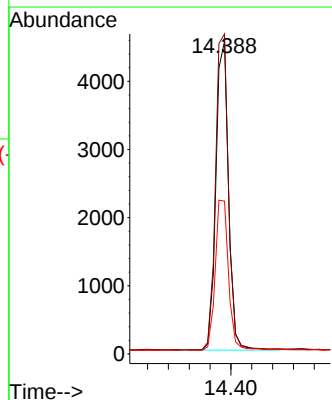
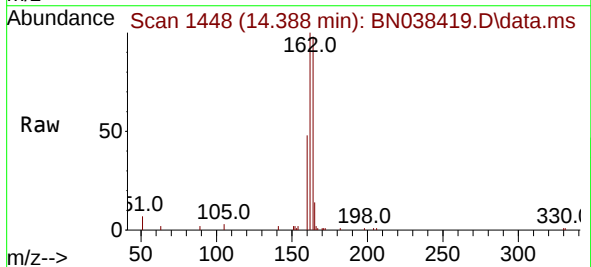
Instrument :
BNA_N
ClientSampleId :
BP-TT184D-GW-20251210

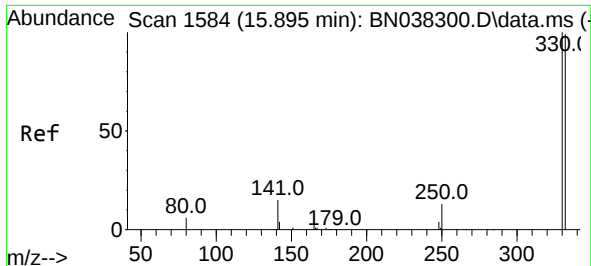
Tgt Ion:	142	Resp:	614
Ion	Ratio	Lower	Upper
142	100		
141	94.5	71.4	107.2
115	57.4	28.4	42.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

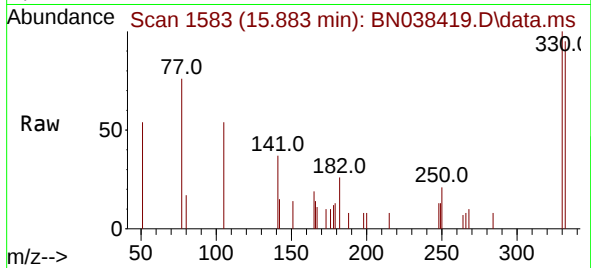
Tgt Ion:	164	Resp:	7601
Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.2	129.4
160	48.9	44.6	67.0



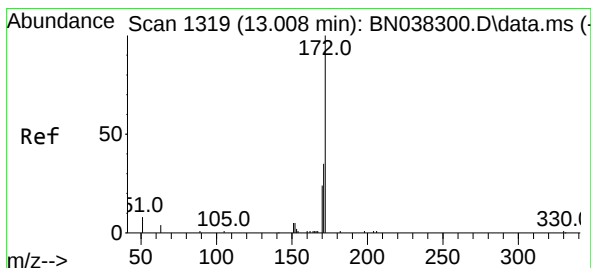
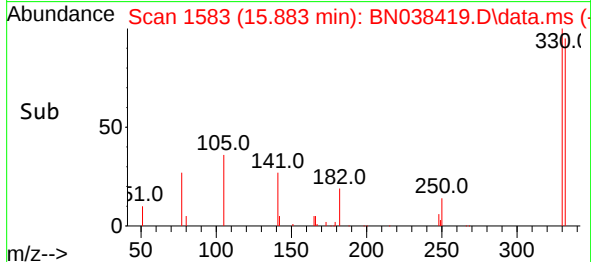
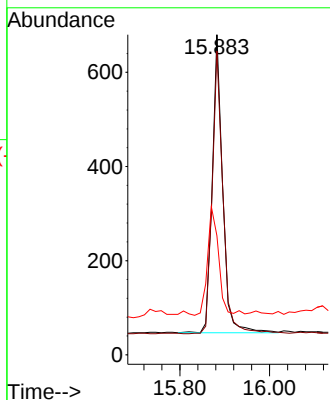


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

Instrument :
BNA_N
ClientSampleId :
BP-TT184D-GW-20251210

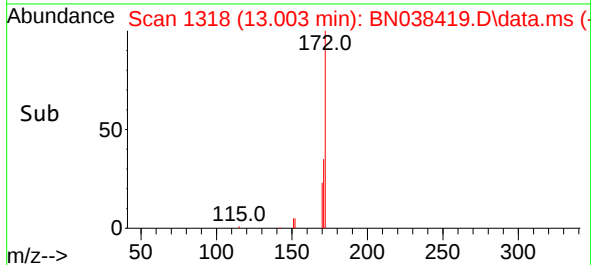
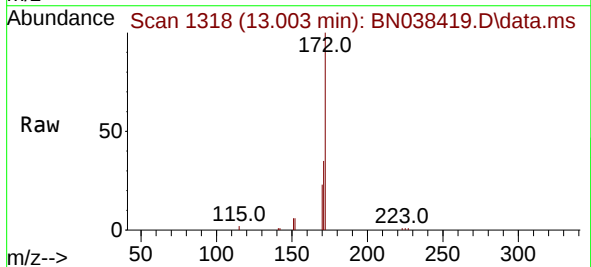
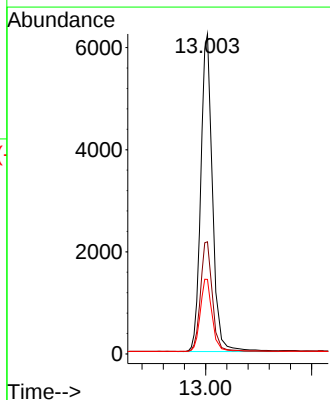


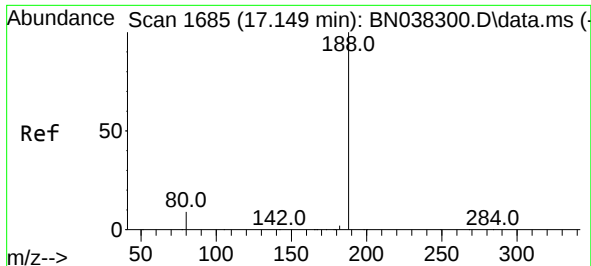
Tgt Ion:330 Resp: 1015
Ion Ratio Lower Upper
330 100
332 98.1 75.8 113.6
141 38.1 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

Tgt Ion:172 Resp: 12582
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.3 19.3 28.9

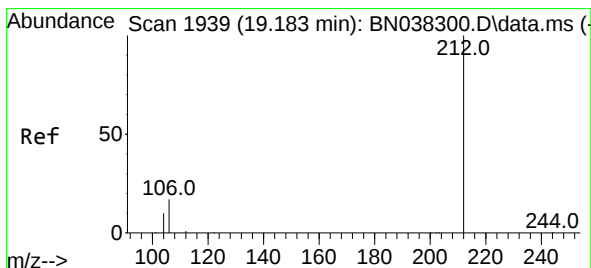
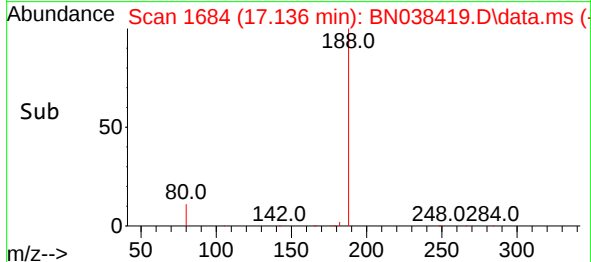
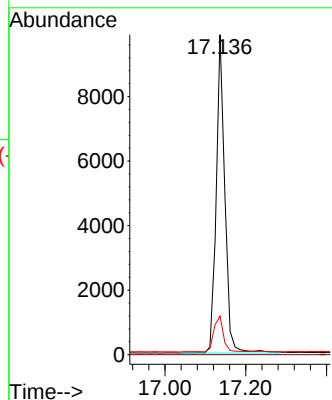
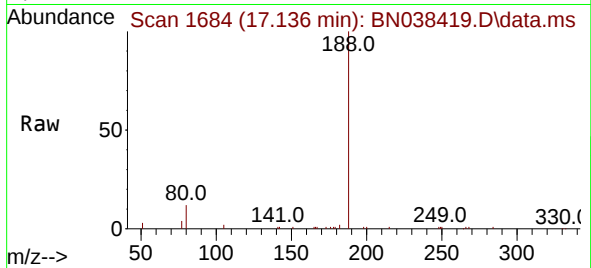




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

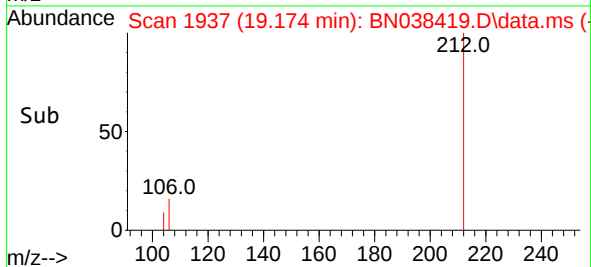
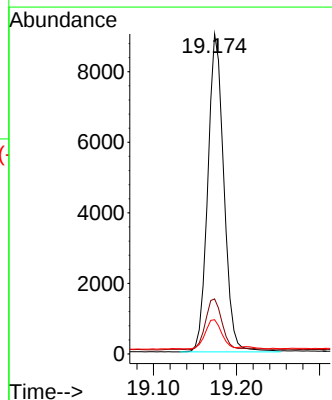
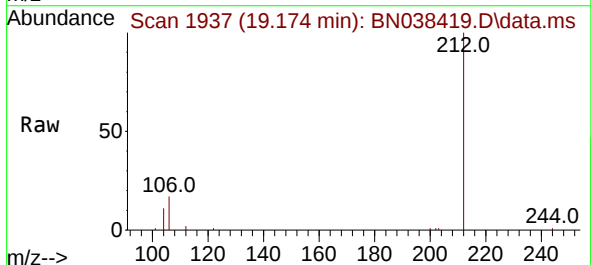
Instrument :
BNA_N
ClientSampleId :
BP-TT184D-GW-20251210

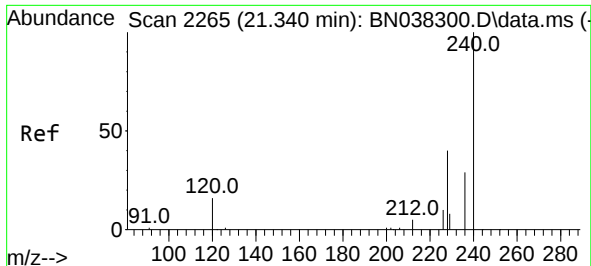
Tgt Ion:188 Resp: 14695
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

Tgt Ion:212 Resp: 12156
Ion Ratio Lower Upper
212 100
106 16.5 13.7 20.5
104 9.5 7.8 11.8

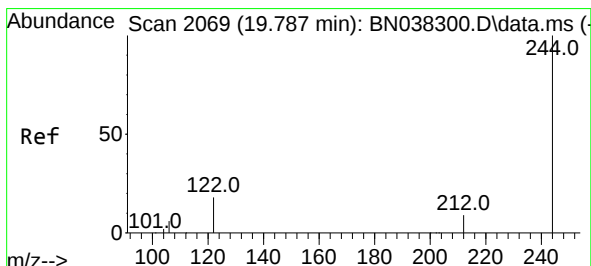
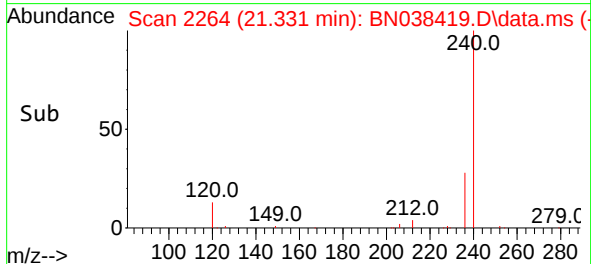
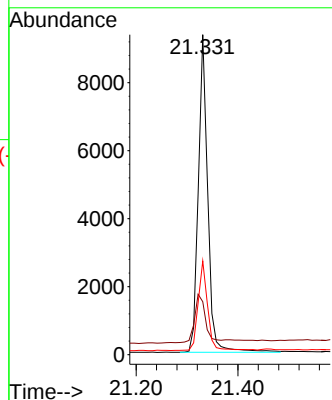
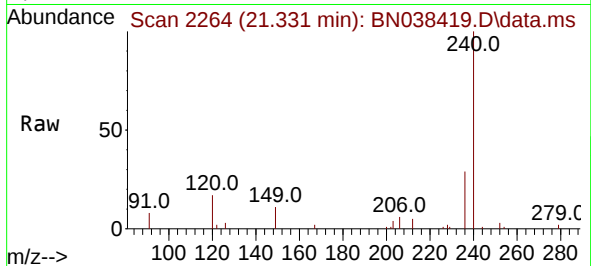




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

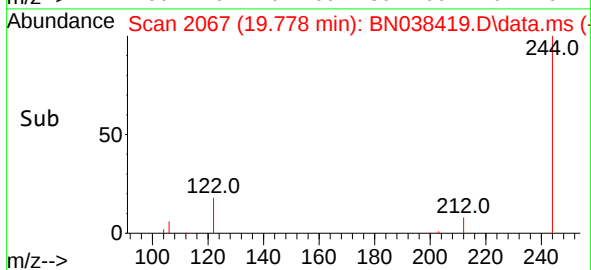
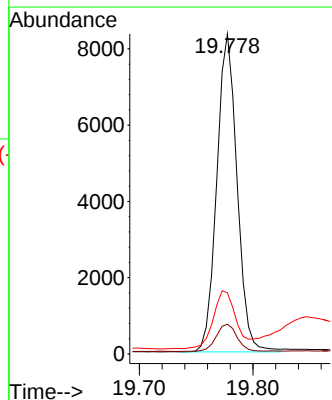
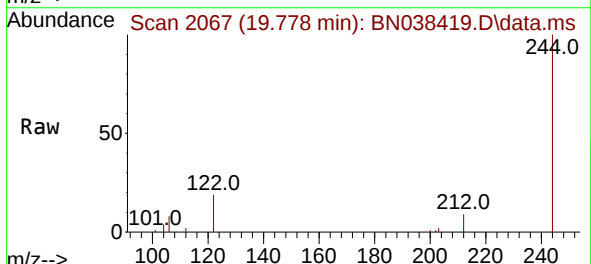
Instrument :
BNA_N
ClientSampleId :
BP-TT184D-GW-20251210

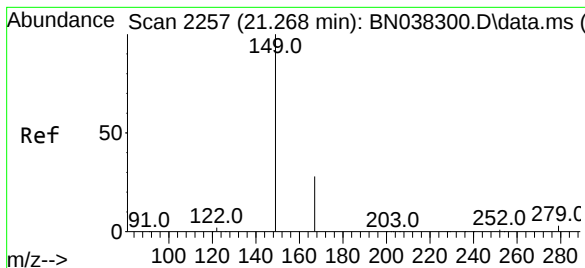
Tgt Ion:240 Resp: 11999
Ion Ratio Lower Upper
240 100
120 16.5 15.4 23.2
236 29.3 23.9 35.9



#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.778 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038419.D
Acq: 16 Dec 2025 01:05

Tgt Ion:244 Resp: 10331
Ion Ratio Lower Upper
244 100
212 9.3 7.9 11.9
122 19.1 15.0 22.6

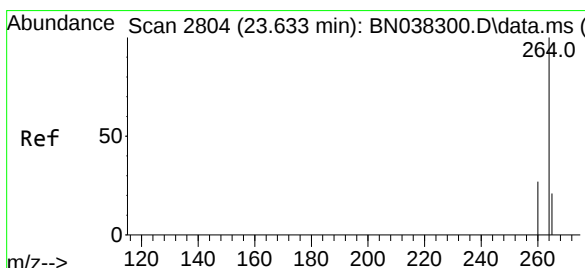
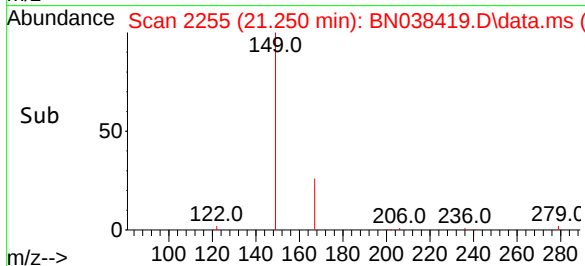
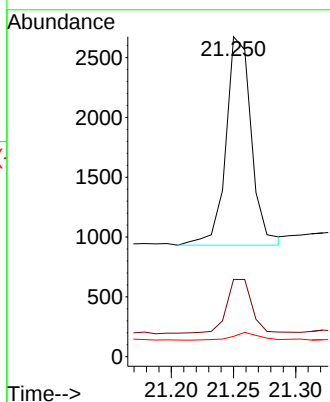
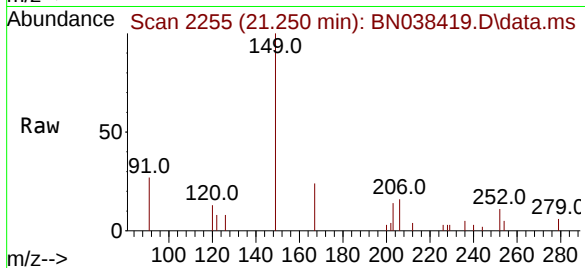




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.250 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN038419.D
 Acq: 16 Dec 2025 01:05

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT184D-GW-20251210

Tgt Ion:149 Resp: 2474
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.4 32.0
 279 4.3 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.616 min Scan# 2798
 Delta R.T. -0.017 min
 Lab File: BN038419.D
 Acq: 16 Dec 2025 01:05

Tgt Ion:264 Resp: 11212
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.2 33.2
 265 90.6 80.2 120.2

