

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038349.D
 Acq On : 12 Dec 2025 13:01
 Operator : RC/JU
 Sample : Q3828-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-06-219-120925

Quant Time: Dec 12 13:25:41 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)

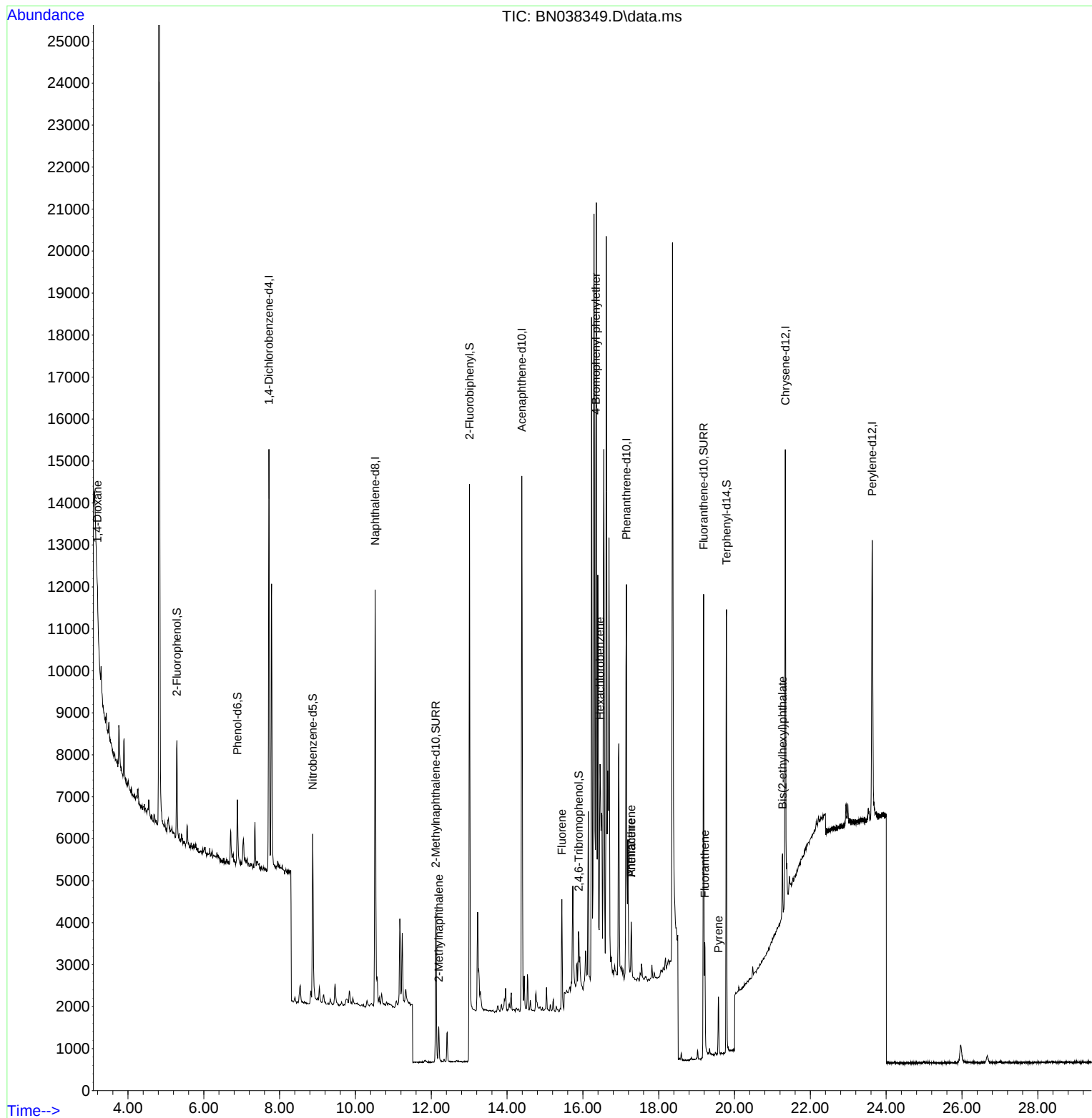
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5145	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	13627	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	6975	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	13582	0.400	ng	0.00
29) Chrysene-d12	21.340	240	9780	0.400	ng	0.00
35) Perylene-d12	23.630	264	9584	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1975	0.154	ng	0.00
5) Phenol-d6	6.887	99	1485	0.097	ng	0.00
8) Nitrobenzene-d5	8.875	82	3621	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	5233	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	915	0.296	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	12311	0.366	ng	0.00
27) Fluoranthene-d10	19.183	212	11914	0.355	ng	0.00
31) Terphenyl-d14	19.787	244	10137	0.464	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.196	88	423	0.072	ng	# 74
12) 2-Methylnaphthalene	12.197	142	648	0.025	ng	# 87
18) Fluorene	15.446	166	965	0.031	ng	# 97
21) 4-Bromophenyl-phenylether	16.342	248	646	0.064	ng	# 83
22) Hexachlorobenzene	16.453	284	716	0.059	ng	91
25) Phenanthrene	17.273	178	1546	0.033	ng	97
26) Anthracene	17.273	178	1715	0.042	ng	98
28) Fluoranthene	19.215	202	1586	0.032	ng	# 55
30) Pyrene	19.578	202	1251	0.026	ng	96
34) Bis(2-ethylhexyl)phtha...	21.268	149	1676	0.081	ng	# 97

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

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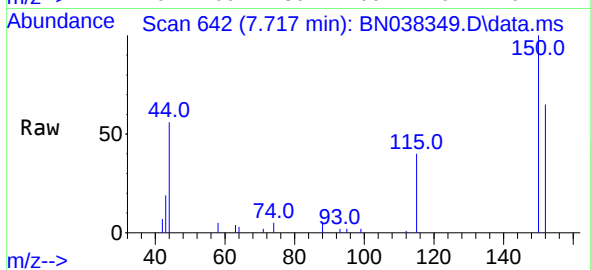
Quant Time: Dec 12 13:25:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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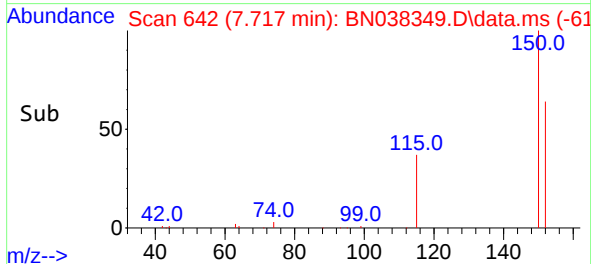
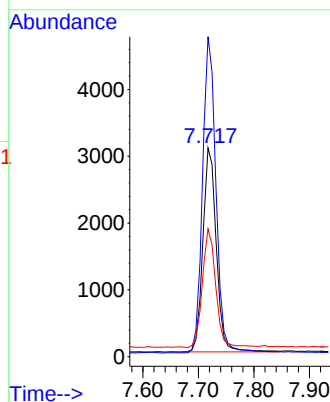


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925

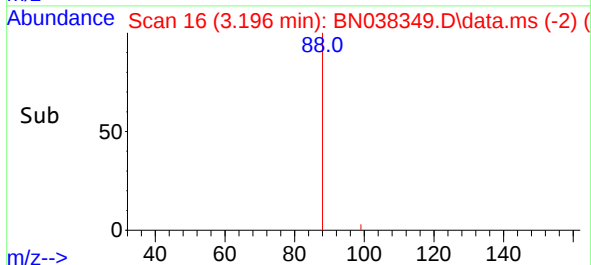
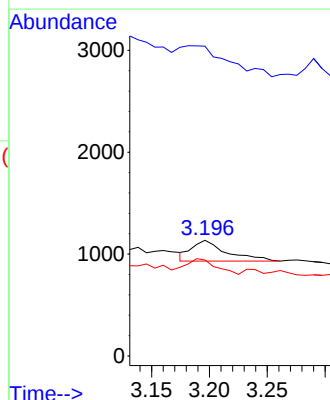
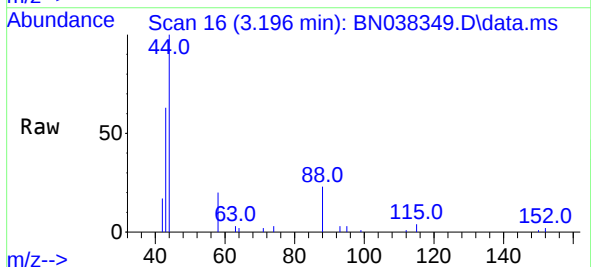


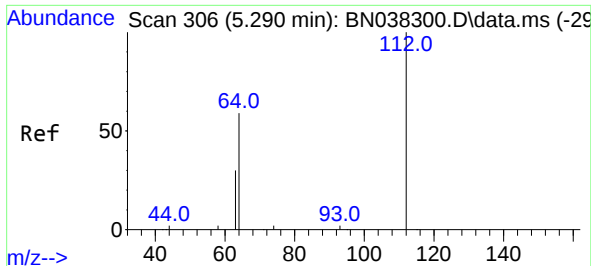
Tgt Ion:152 Resp: 5145
Ion Ratio Lower Upper
152 100
150 153.2 122.4 183.6
115 61.2 47.3 70.9



#2
1,4-Dioxane
Concen: 0.072 ng
RT: 3.196 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion: 88 Resp: 423
Ion Ratio Lower Upper
88 100
43 0.0 24.9 37.3#
58 65.2 61.4 92.0

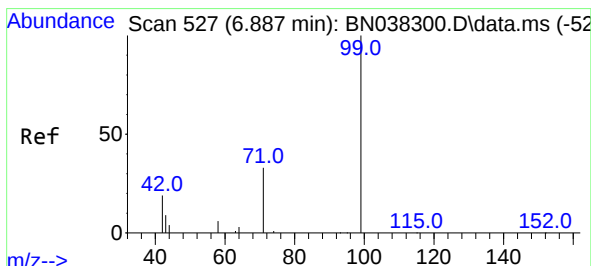
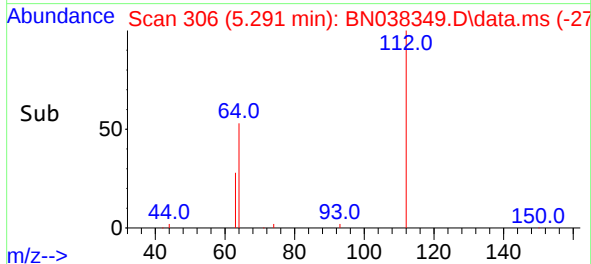
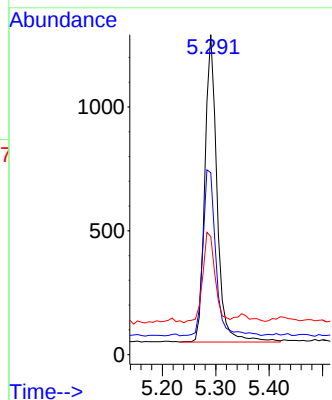
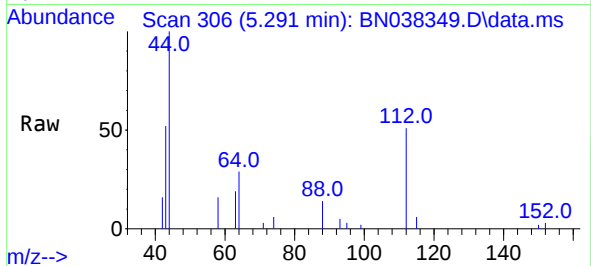




#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

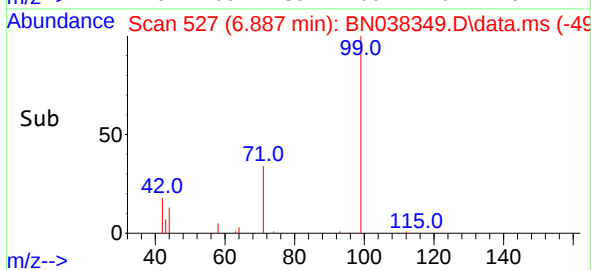
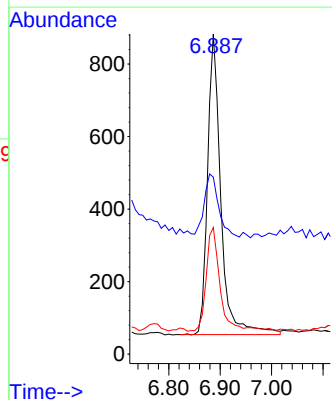
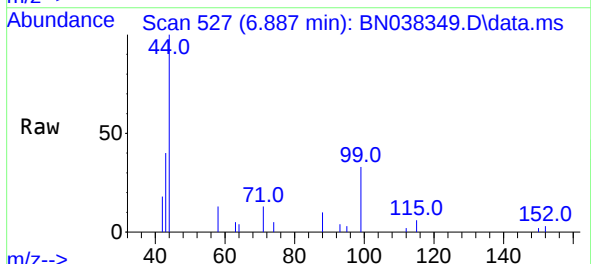
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925

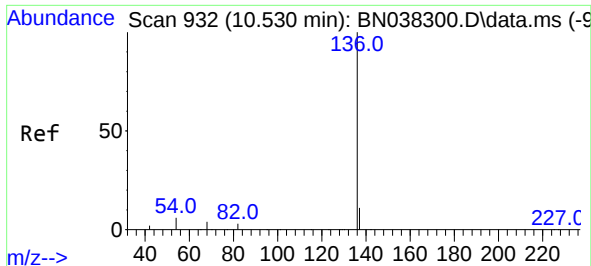
Tgt Ion:112 Resp: 1975
Ion Ratio Lower Upper
112 100
64 56.4 44.4 66.6
63 30.0 23.4 35.0



#5
Phenol-d6
Concen: 0.097 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion: 99 Resp: 1485
Ion Ratio Lower Upper
99 100
42 22.7 16.5 24.7
71 36.8 24.9 37.3

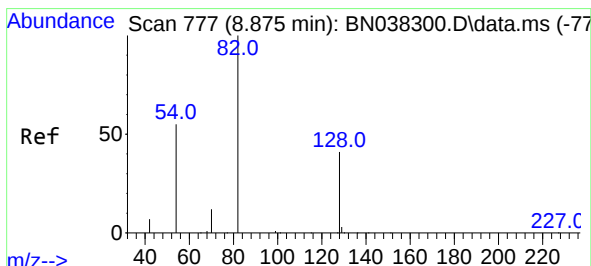
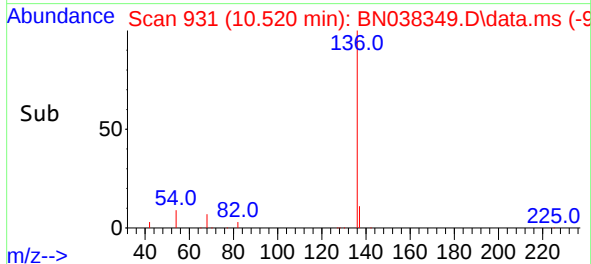
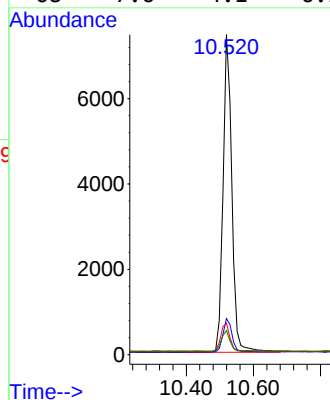
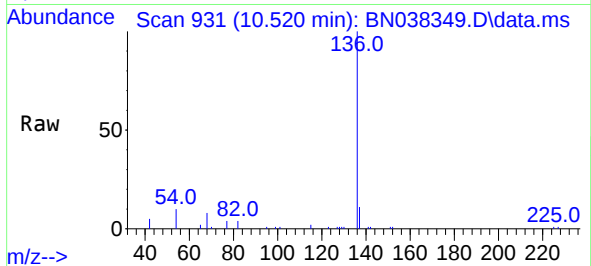




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

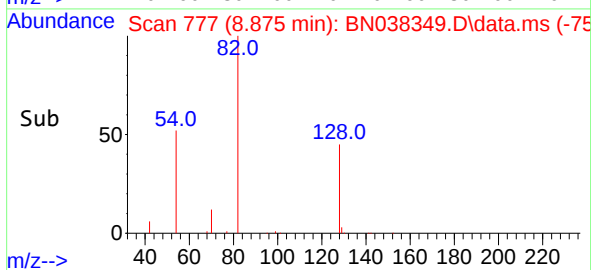
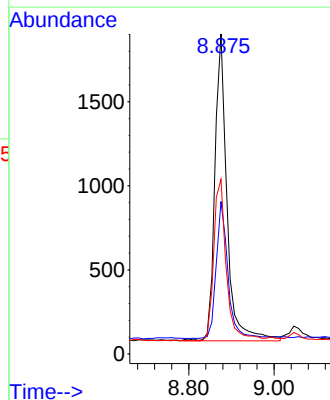
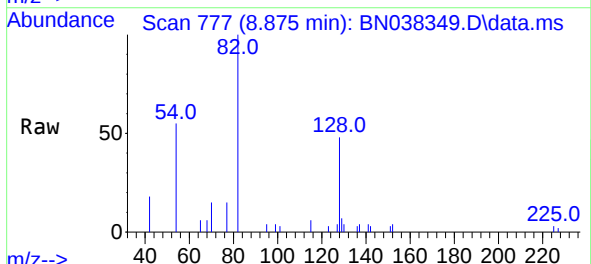
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925

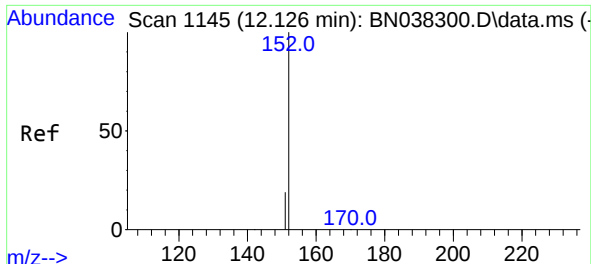
Tgt Ion:	136	Resp:	13627
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.9	5.2	7.8#
68	7.6	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:	82	Resp:	3621
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	54.6	44.4	66.6

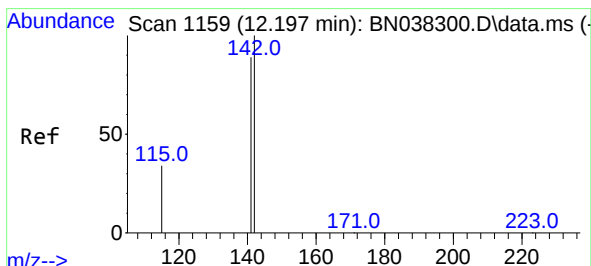
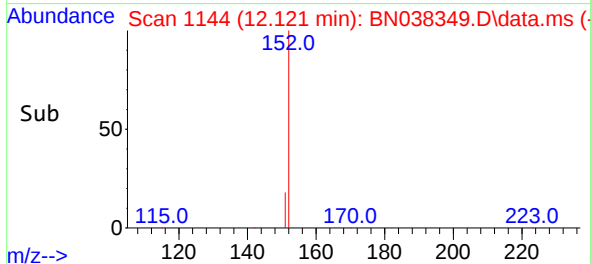
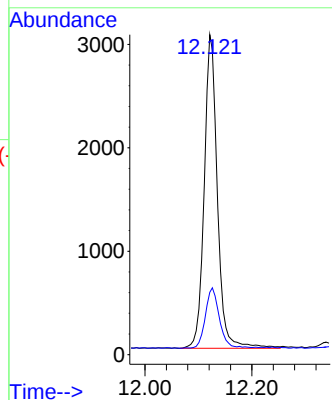
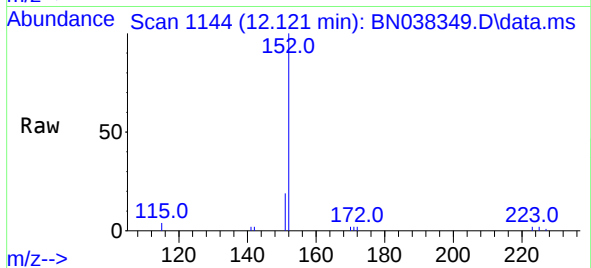




#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

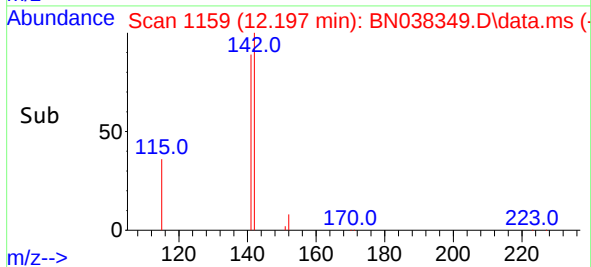
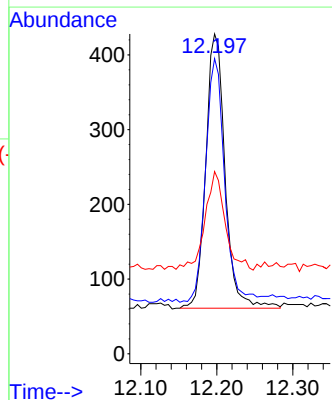
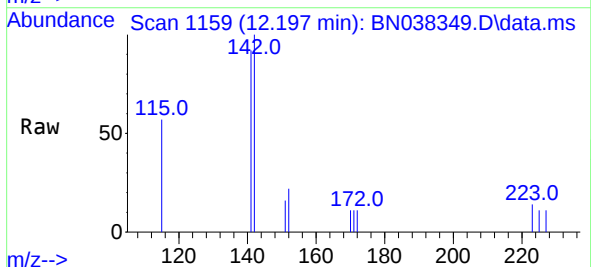
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925

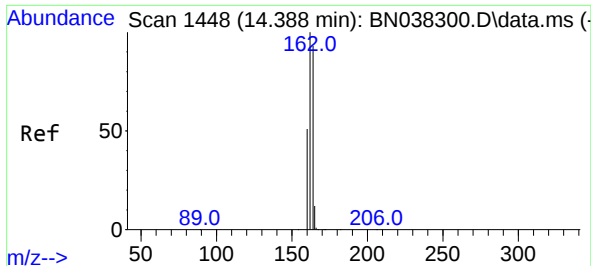
Tgt Ion:152 Resp: 5233
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.025 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:142 Resp: 648
Ion Ratio Lower Upper
142 100
141 92.3 71.4 107.2
115 57.0 28.4 42.6#

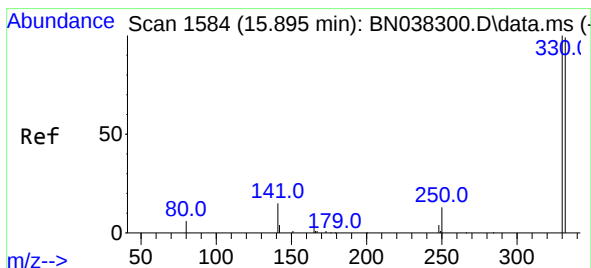
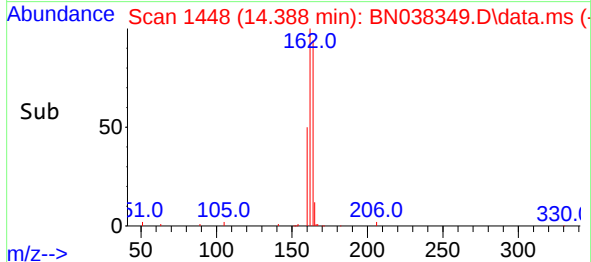
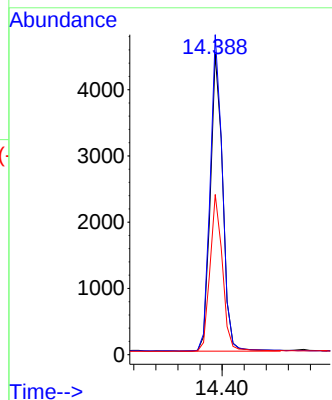
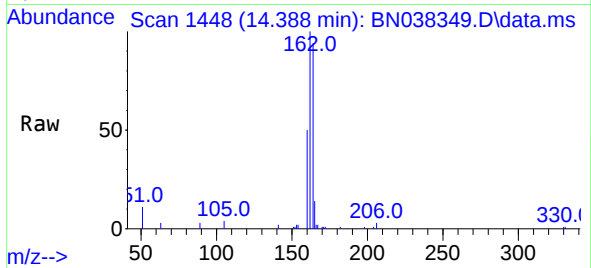




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

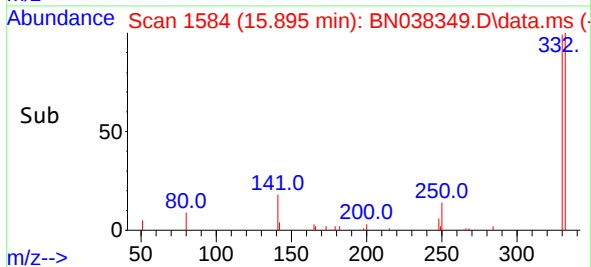
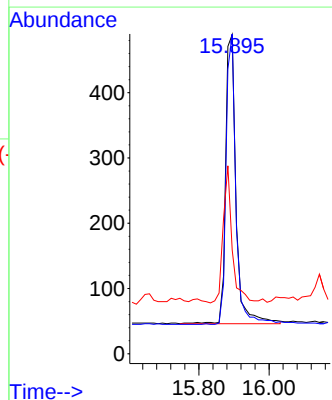
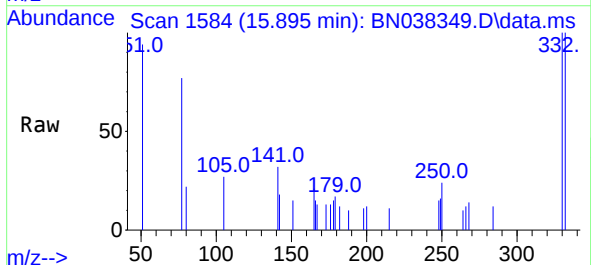
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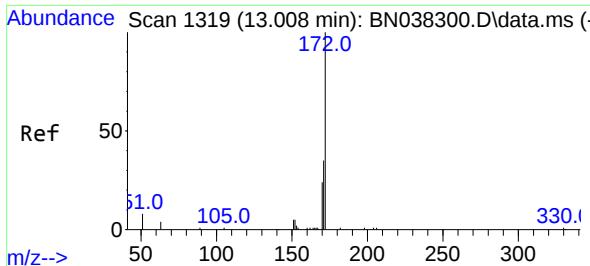
Tgt Ion:164 Resp: 6975
Ion Ratio Lower Upper
164 100
162 106.5 86.2 129.4
160 53.3 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:330 Resp: 915
Ion Ratio Lower Upper
330 100
332 93.9 75.8 113.6
141 40.7 31.8 47.8

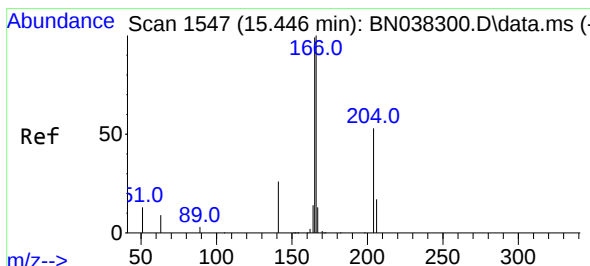
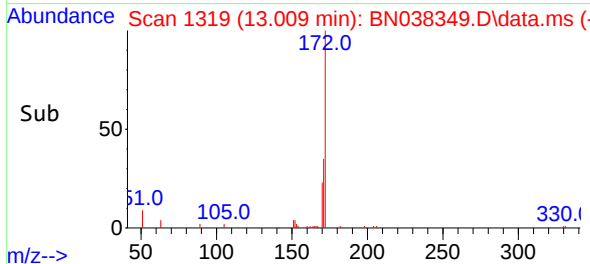
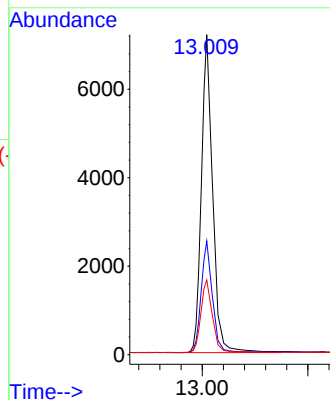
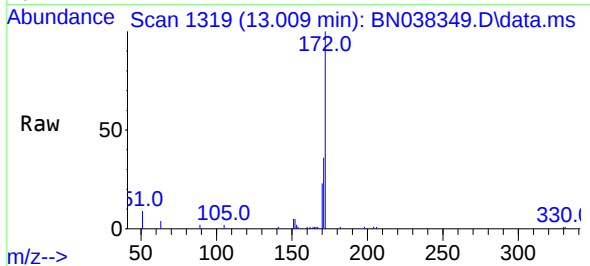




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.009 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

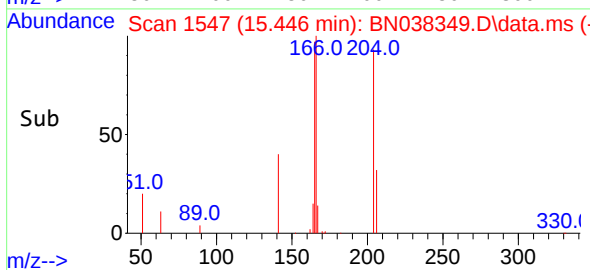
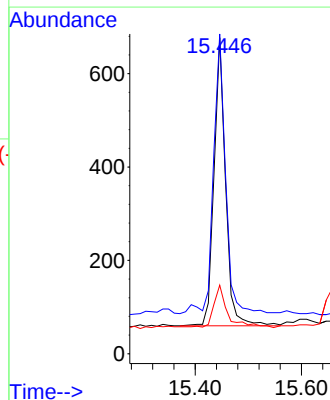
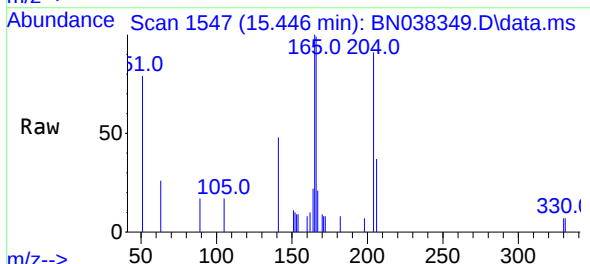
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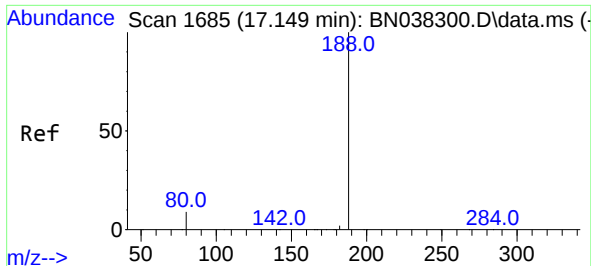
Tgt Ion:	172	Resp:	12311
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.3	19.3	28.9



#18
Fluorene
Concen: 0.031 ng
RT: 15.446 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:	166	Resp:	965
Ion	Ratio	Lower	Upper
166	100		
165	102.4	80.2	120.4
167	17.9	10.6	16.0

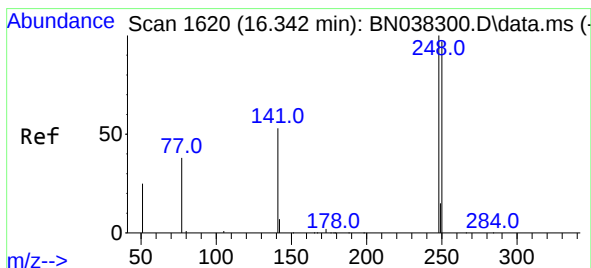
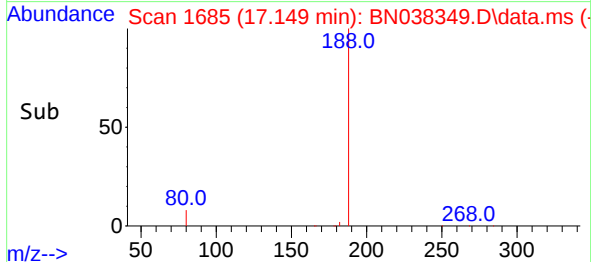
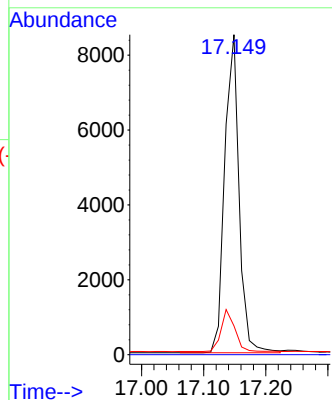
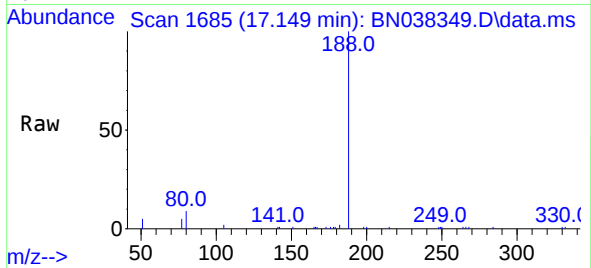




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

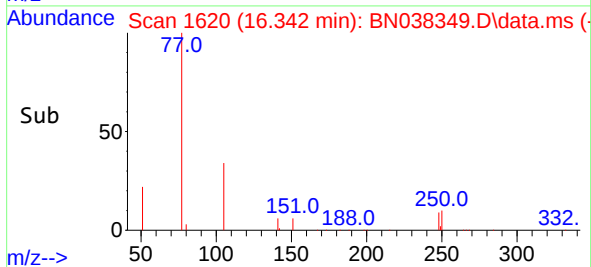
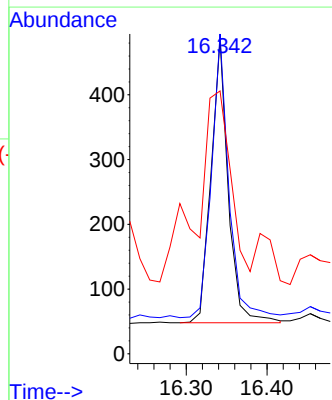
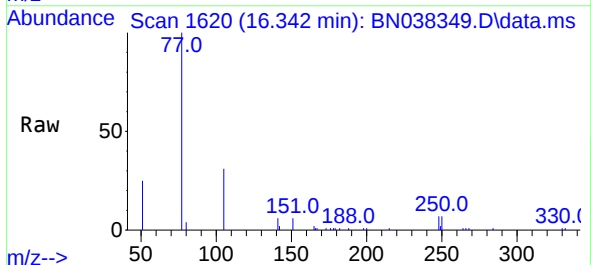
Instrument :
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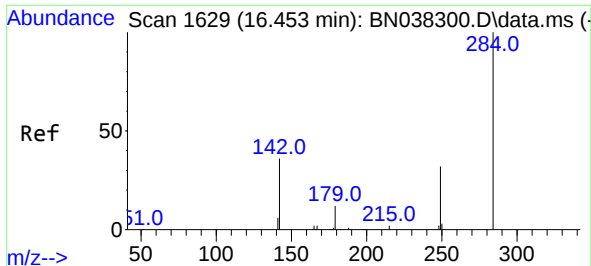
Tgt Ion:188 Resp: 13582
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.4 11.0



#21
4-Bromophenyl-phenylether
Concen: 0.064 ng
RT: 16.342 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:248 Resp: 646
Ion Ratio Lower Upper
248 100
250 101.6 78.2 117.2
141 83.5 43.7 65.5#

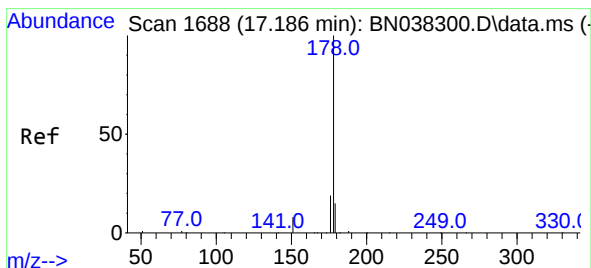
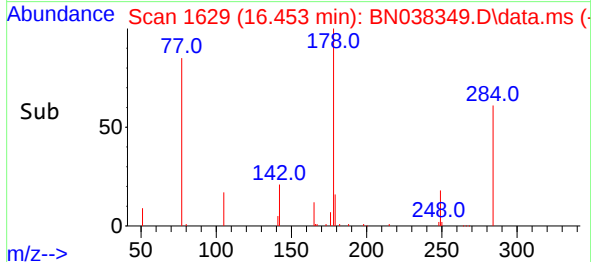
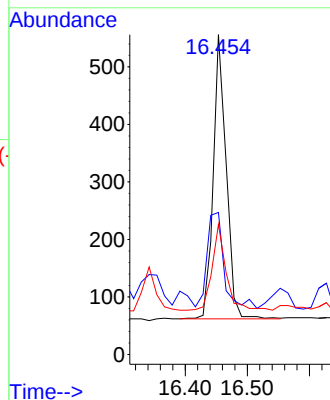
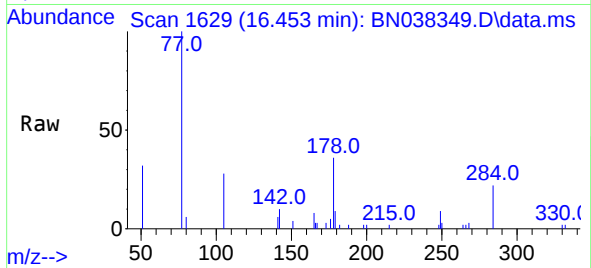




#22
Hexachlorobenzene
Concen: 0.059 ng
RT: 16.453 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

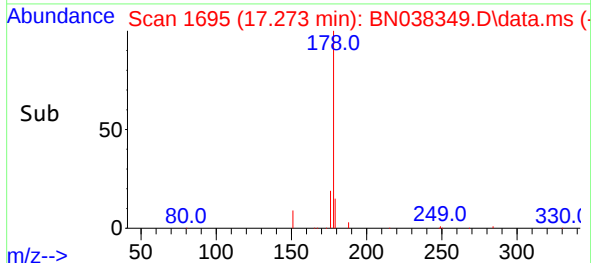
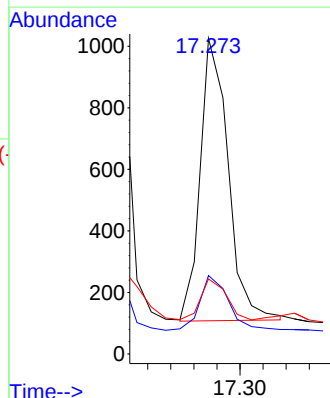
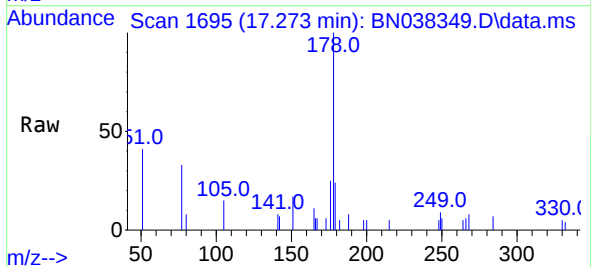
Instrument :
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OWBR-06-219-120925

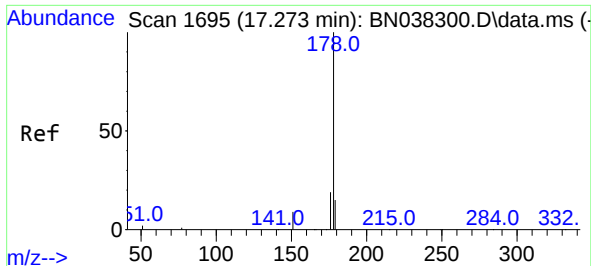
Tgt Ion:	284	Resp:	716
Ion	Ratio	Lower	Upper
284	100		
142	43.9	29.5	44.3
249	32.4	23.7	35.5



#25
Phenanthrene
Concen: 0.033 ng
RT: 17.273 min Scan# 1695
Delta R.T. 0.087 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:	178	Resp:	1546
Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	13.8	12.2	18.2

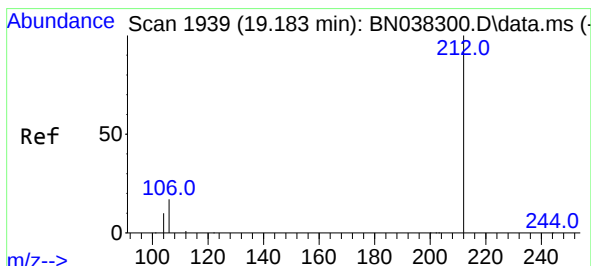
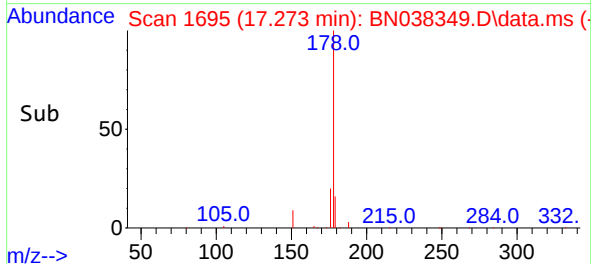
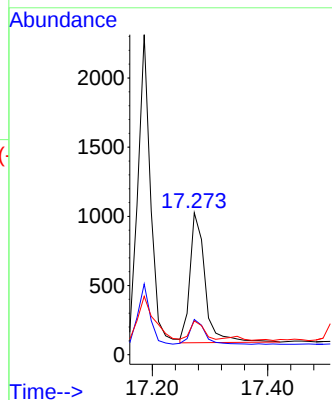
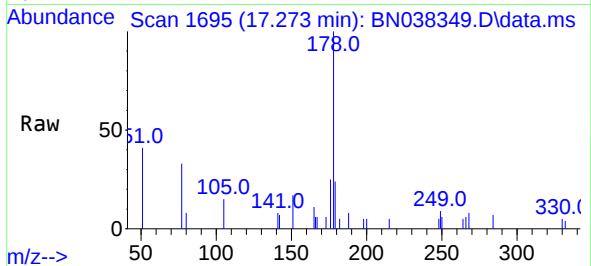




#26
 Anthracene
 Concen: 0.042 ng
 RT: 17.273 min Scan# 1695
 Delta R.T. -0.012 min
 Lab File: BN038349.D
 Acq: 12 Dec 2025 13:01

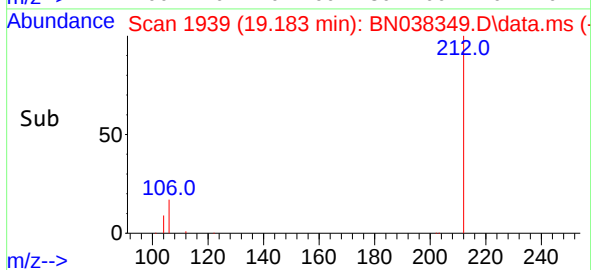
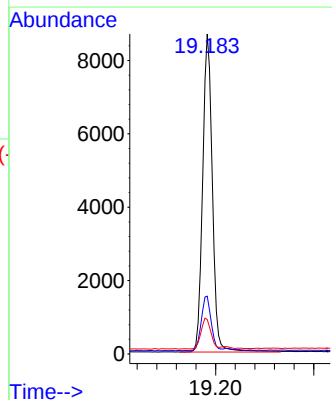
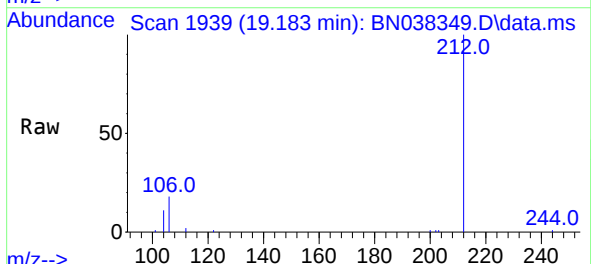
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-06-219-120925

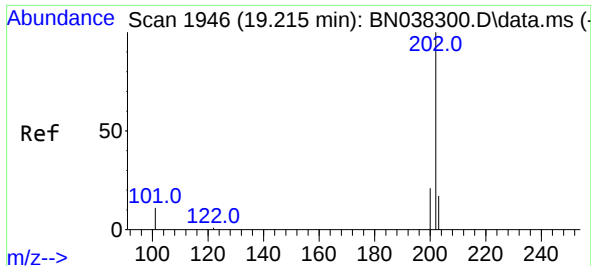
Tgt Ion:	178	Resp:	1715
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	14.1	12.0	18.0



#27
 Fluoranthene-d10
 Concen: 0.355 ng
 RT: 19.183 min Scan# 1939
 Delta R.T. -0.005 min
 Lab File: BN038349.D
 Acq: 12 Dec 2025 13:01

Tgt Ion:	212	Resp:	11914
Ion	Ratio	Lower	Upper
212	100		
106	17.2	13.7	20.5
104	9.6	7.8	11.8

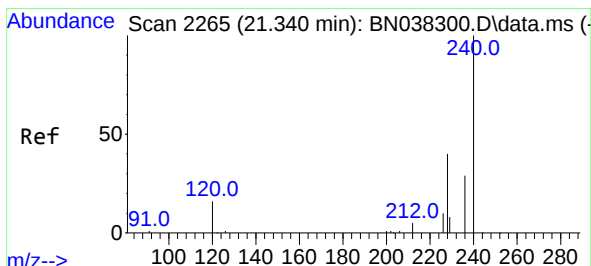
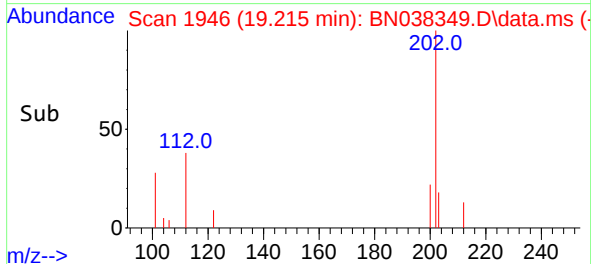
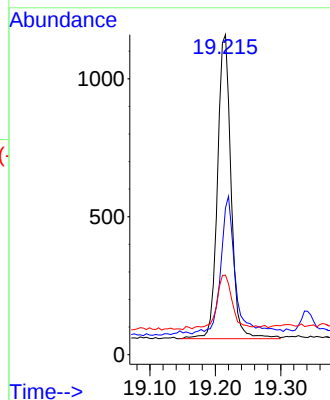
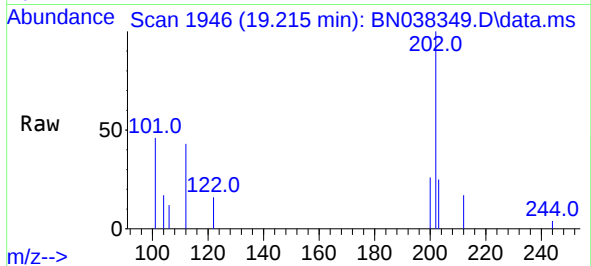




#28
Fluoranthene
Concen: 0.032 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

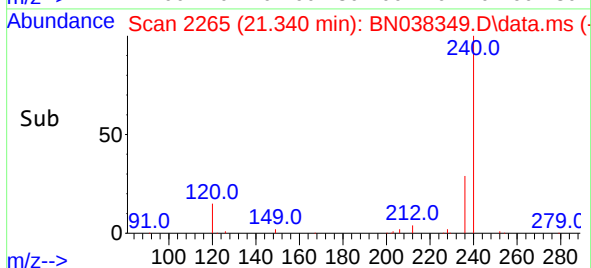
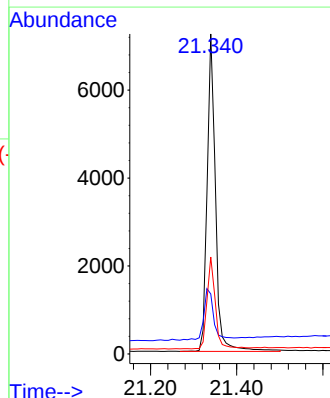
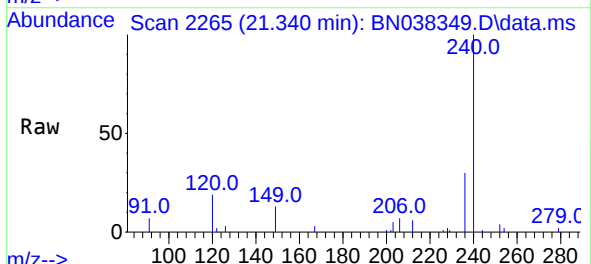
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925

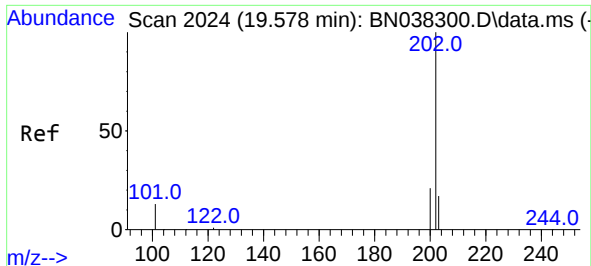
Tgt Ion:202 Resp: 1586
Ion Ratio Lower Upper
202 100
101 50.0 9.6 14.4#
203 20.1 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:240 Resp: 9780
Ion Ratio Lower Upper
240 100
120 18.7 15.4 23.2
236 30.3 23.9 35.9

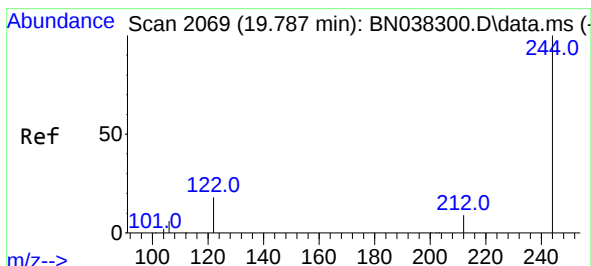
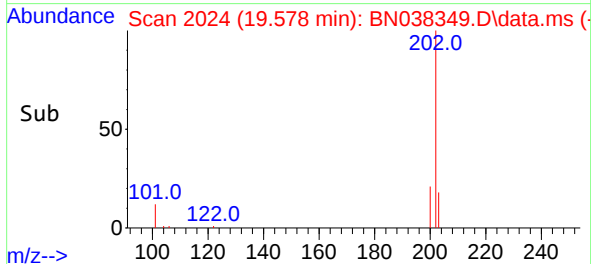
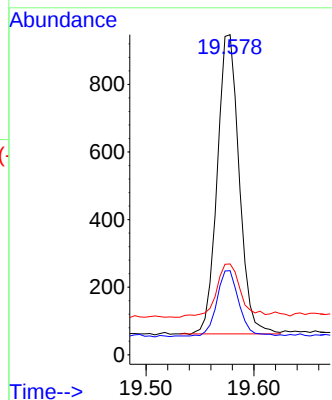
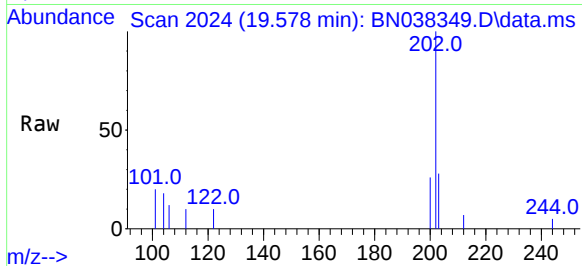




#30
Pyrene
Concen: 0.026 ng
RT: 19.578 min Scan# 2024
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

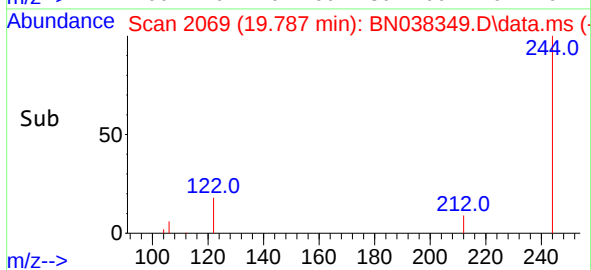
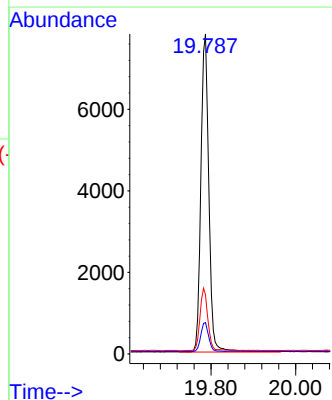
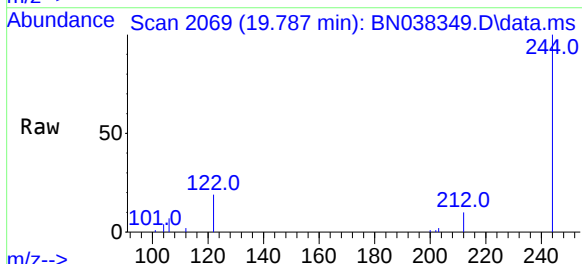
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925

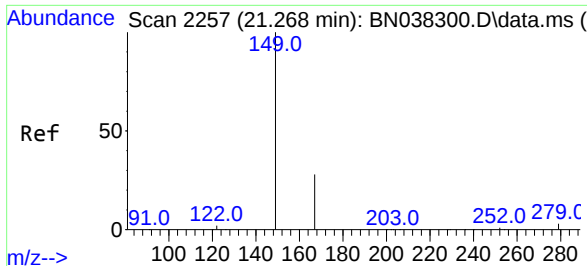
Tgt Ion:	202	Resp:	1251
Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	19.6	14.2	21.2



#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:	244	Resp:	10137
Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.9	11.9
122	18.5	15.0	22.6

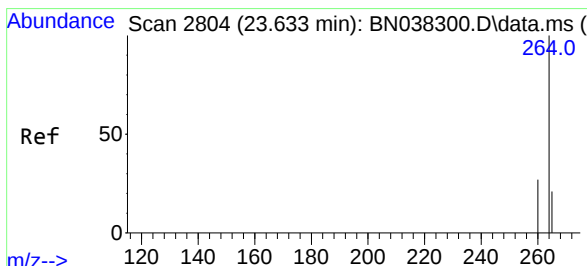
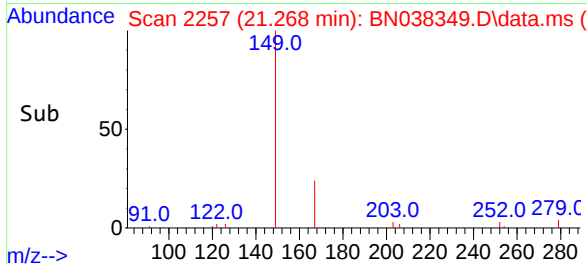
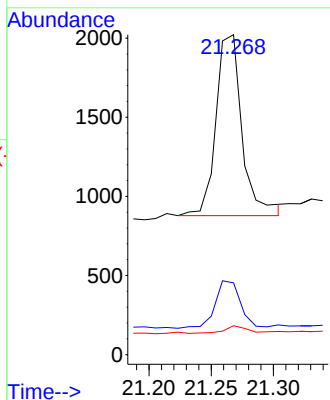
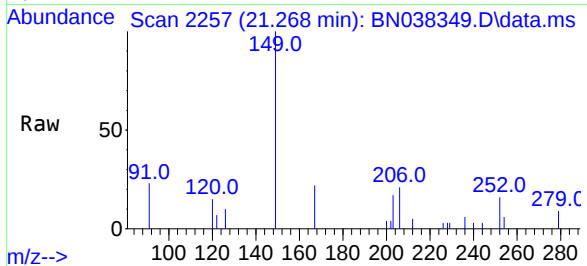




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925

Tgt Ion:149 Resp: 1676
Ion Ratio Lower Upper
149 100
167 25.4 21.4 32.0
279 3.9 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2803
Delta R.T. -0.003 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:264 Resp: 9584
Ion Ratio Lower Upper
264 100
260 27.8 22.2 33.2
265 109.6 80.2 120.2

