

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038391.D
 Acq On : 13 Dec 2025 17:41
 Operator : RC/JU
 Sample : Q3839-23
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AT5

Quant Time: Dec 14 22:25:16 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)

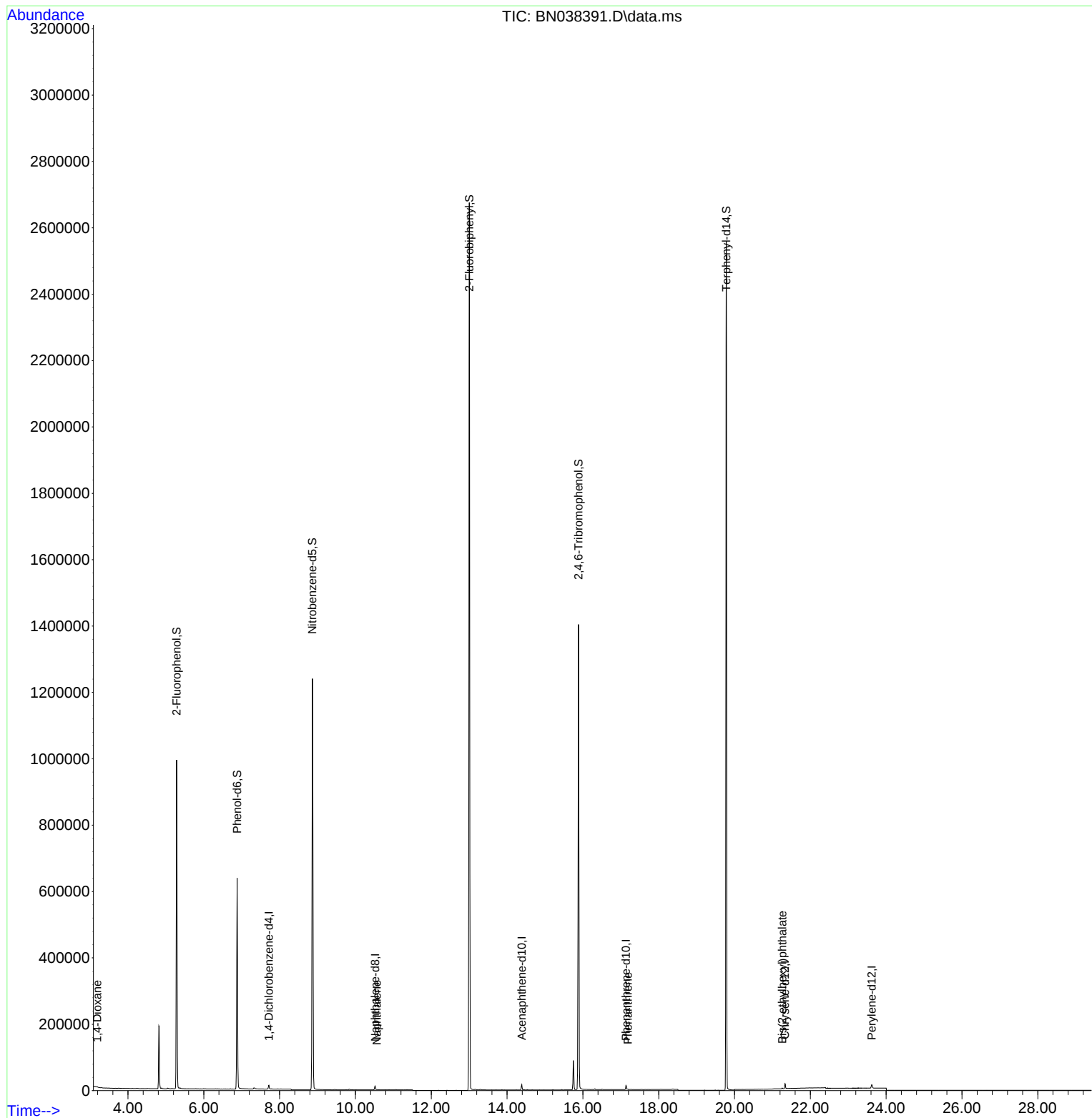
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5802	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	16400	0.400	ng	-0.01
13) Acenaphthene-d10	14.388	164	9079	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	16606	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	14122	0.400	ng	0.00
35) Perylene-d12	23.622	264	15102	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	739045	51.146	ng	0.00
5) Phenol-d6	6.880	99	564615	32.869	ng	0.00
8) Nitrobenzene-d5	8.865	82	961390	69.499	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	2	0.000	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	764702	189.851	ng	-0.01
15) 2-Fluorobiphenyl	13.004	172	2776676	63.483	ng	0.00
27) Fluoranthene-d10	19.178	212	42	0.001	ng	0.00
31) Terphenyl-d14	19.782	244	2420328	76.797	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	755	0.113	ng	# 51
9) Naphthalene	10.562	128	1079	0.022	ng	# 77
25) Phenanthrene	17.186	178	2089	0.036	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.259	149	2231	0.075	ng	# 99

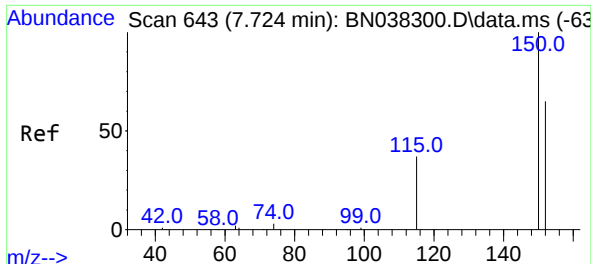
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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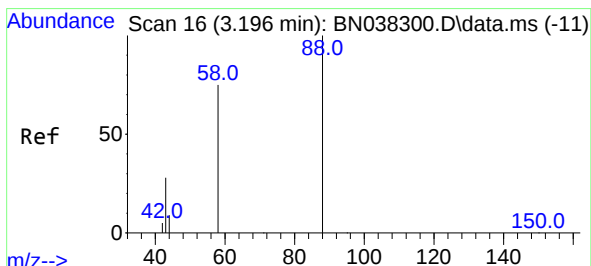
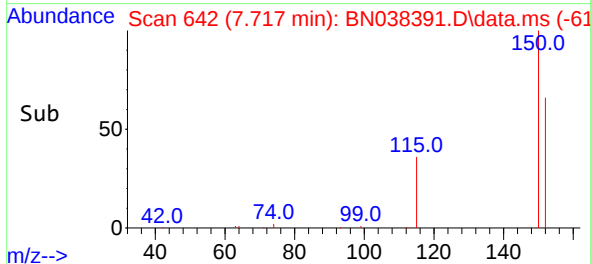
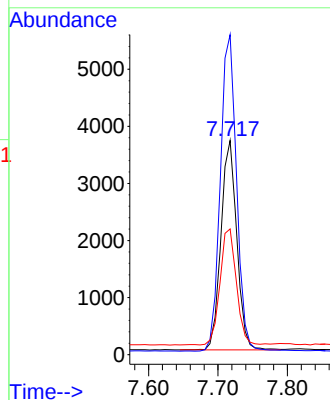
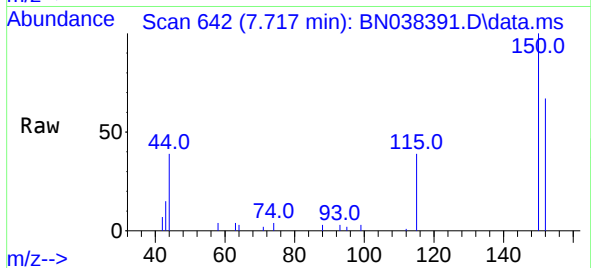




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

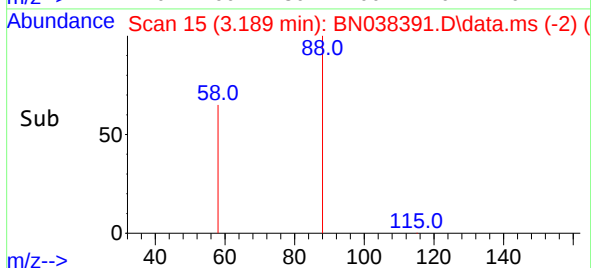
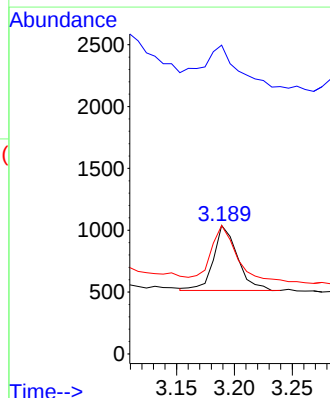
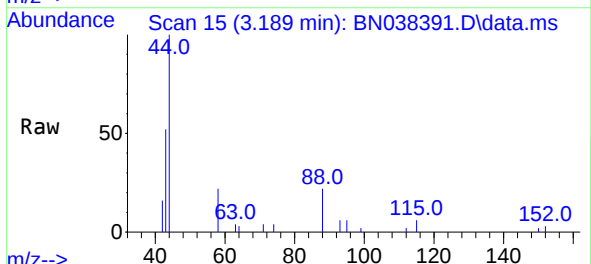
Instrument :
BNA_N
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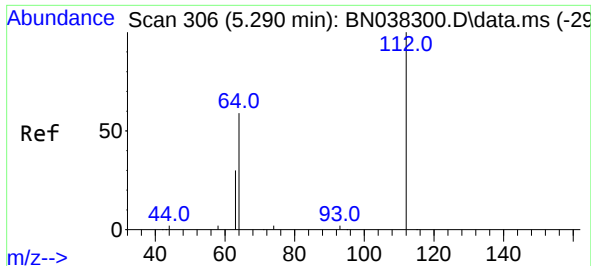
Tgt Ion:152 Resp: 5802
Ion Ratio Lower Upper
152 100
150 149.4 122.4 183.6
115 58.7 47.3 70.9



#2
1,4-Dioxane
Concen: 0.113 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

Tgt Ion: 88 Resp: 755
Ion Ratio Lower Upper
88 100
43 89.5 24.9 37.3#
58 98.4 61.4 92.0#

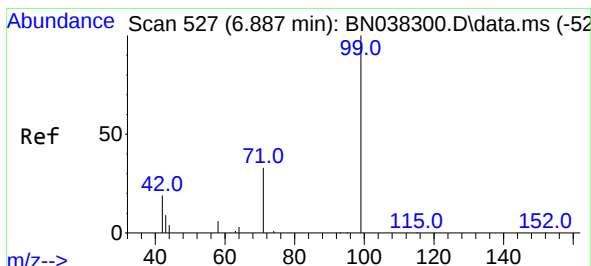
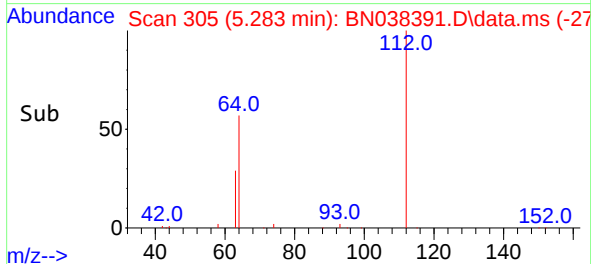
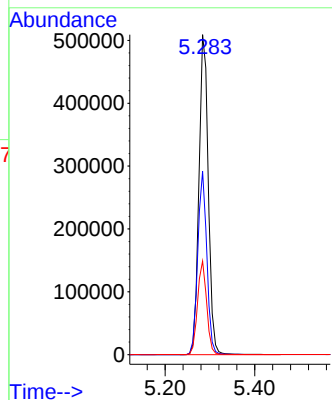
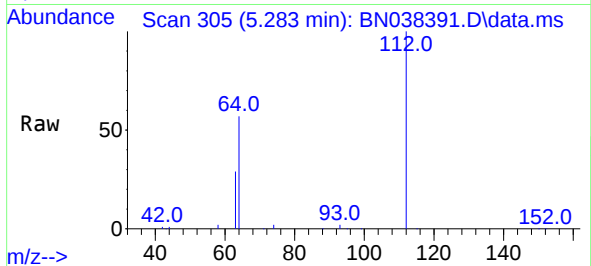




#4
2-Fluorophenol
Concen: 51.146 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

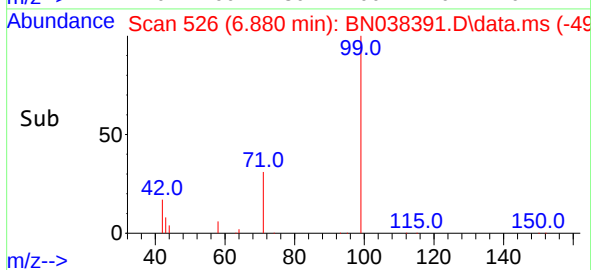
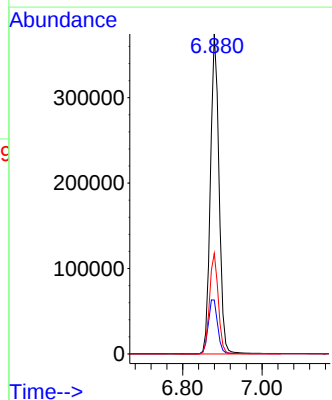
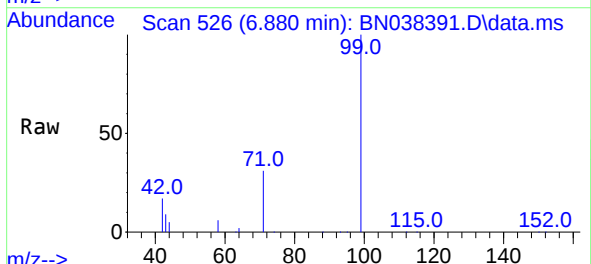
Instrument :
BNA_N
ClientSampleId :
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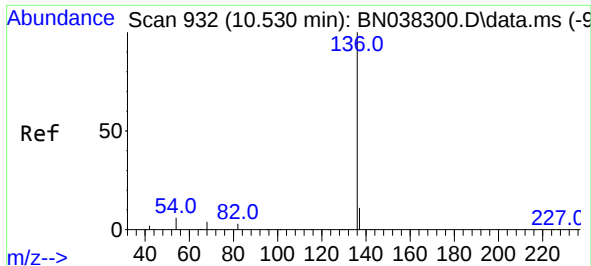
Tgt Ion:112 Resp: 739045
Ion Ratio Lower Upper
112 100
64 55.7 44.4 66.6
63 28.6 23.4 35.0



#5
Phenol-d6
Concen: 32.869 ng
RT: 6.880 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

Tgt Ion: 99 Resp: 564615
Ion Ratio Lower Upper
99 100
42 18.1 16.5 24.7
71 31.7 24.9 37.3

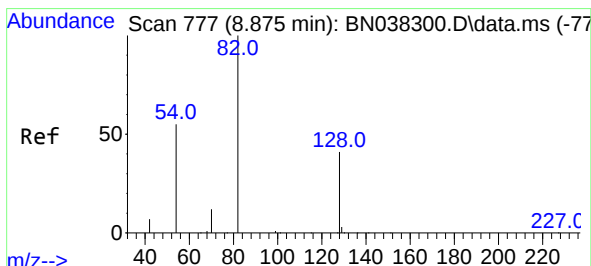
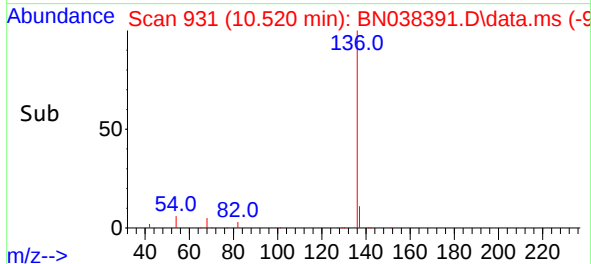
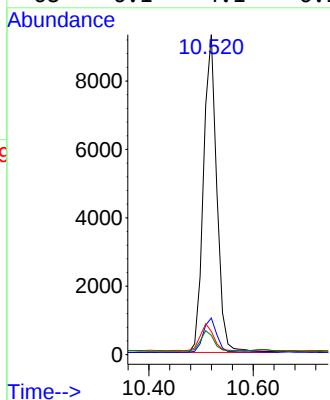
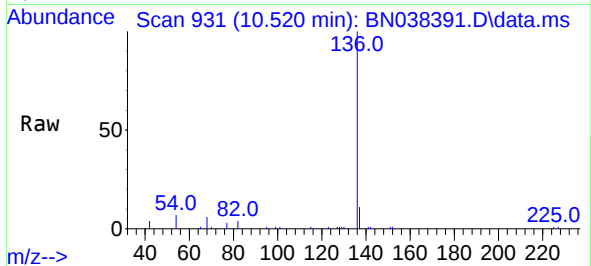




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

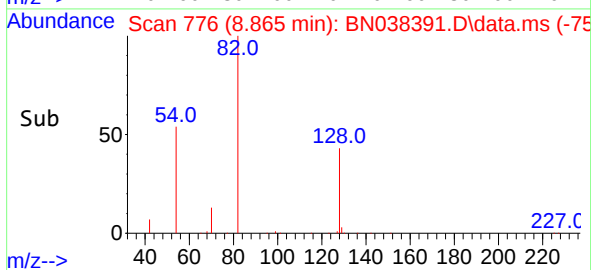
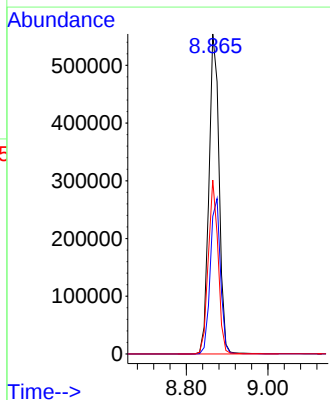
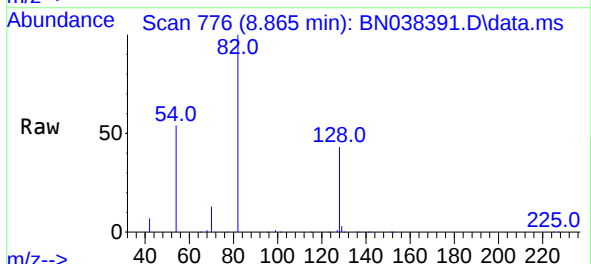
Instrument :
BNA_N
ClientSampleId :
C0AT5

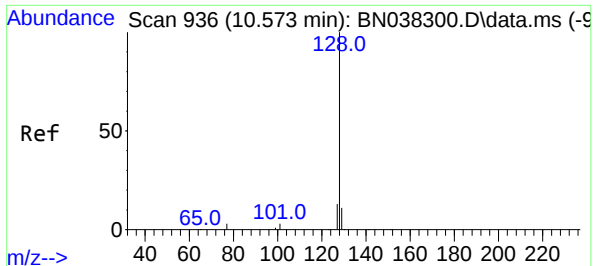
Tgt Ion:	136	Resp:	16400
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.3	5.2	7.8
68	6.1	4.1	6.1



#8
Nitrobenzene-d5
Concen: 69.499 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

Tgt Ion:	82	Resp:	961390
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	54.3	44.4	66.6

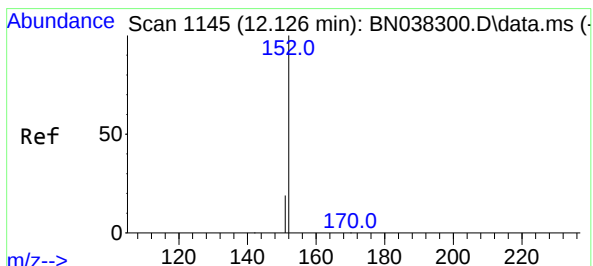
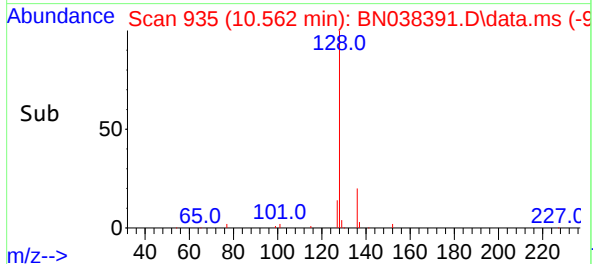
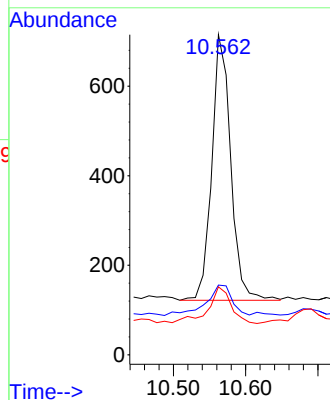
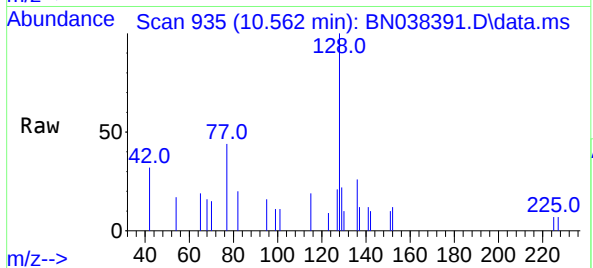




#9
Naphthalene
Concen: 0.022 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

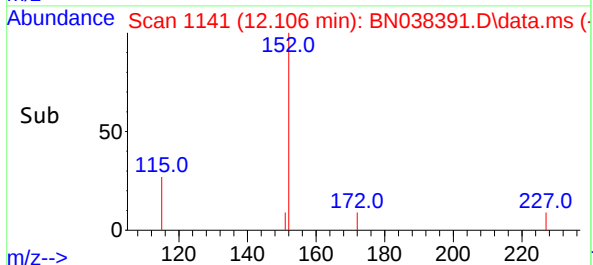
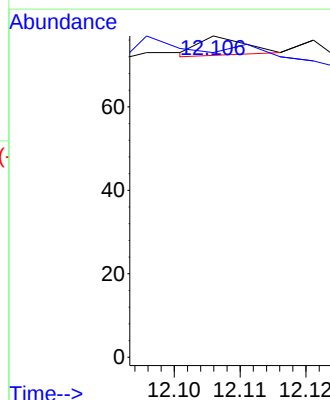
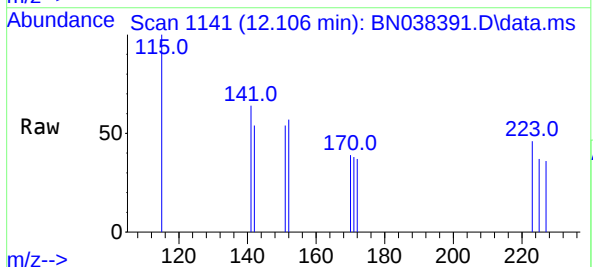
Instrument :
BNA_N
ClientSampleId :
C0AT5

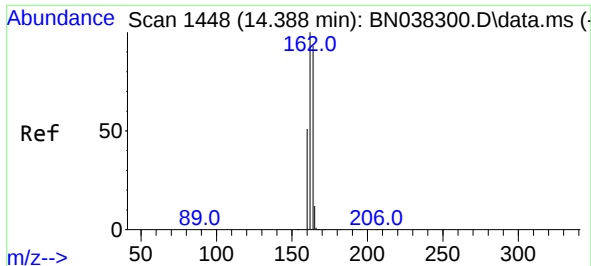
Tgt Ion:128 Resp: 1079
Ion Ratio Lower Upper
128 100
129 21.8 9.1 13.7#
127 21.3 10.9 16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.020 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

Tgt Ion:152 Resp: 2
Ion Ratio Lower Upper
152 100
151 250.0 17.0 25.6#

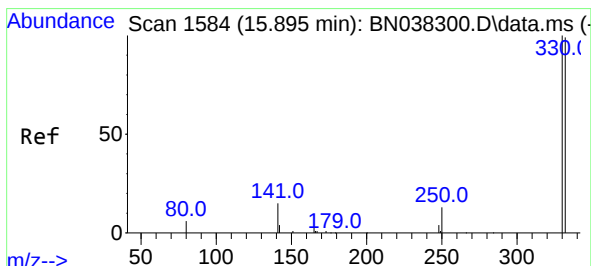
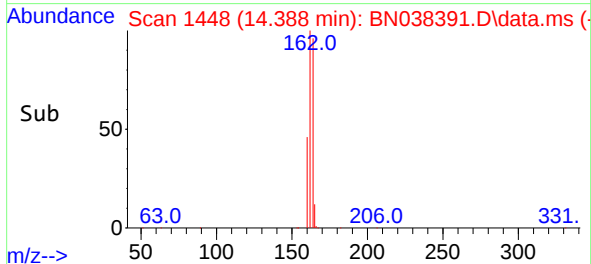
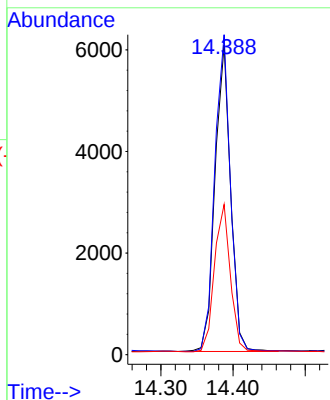
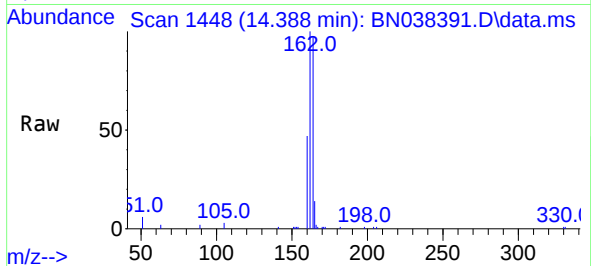




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

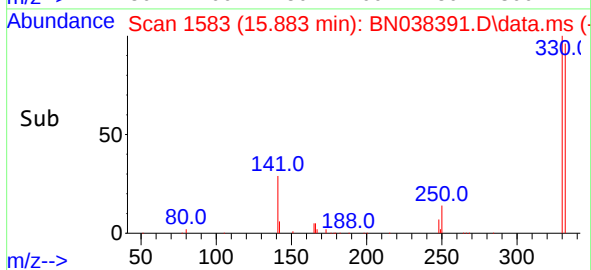
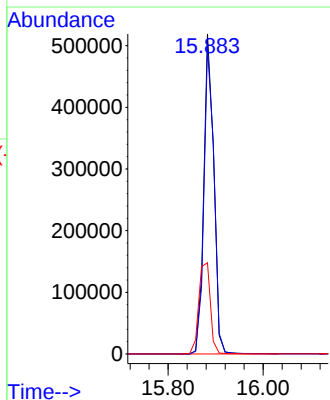
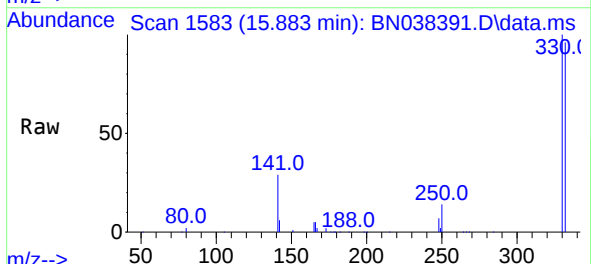
Instrument :
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ClientSampleId :
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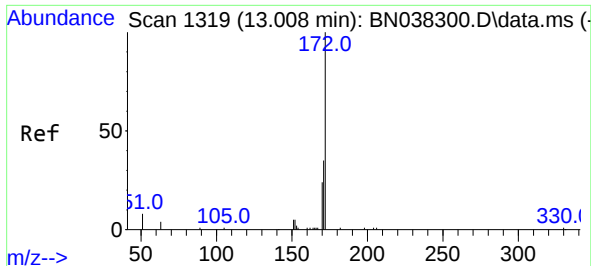
Tgt Ion:164 Resp: 9079
Ion Ratio Lower Upper
164 100
162 103.3 86.2 129.4
160 48.5 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 189.851 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

Tgt Ion:330 Resp: 764702
Ion Ratio Lower Upper
330 100
332 97.2 75.8 113.6
141 32.9 31.8 47.8

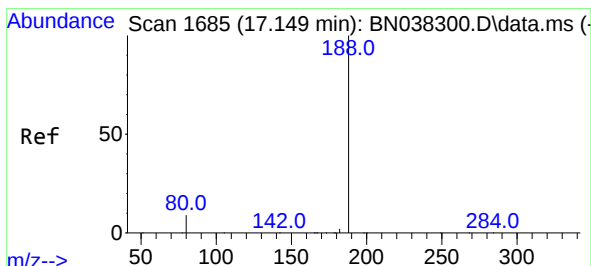
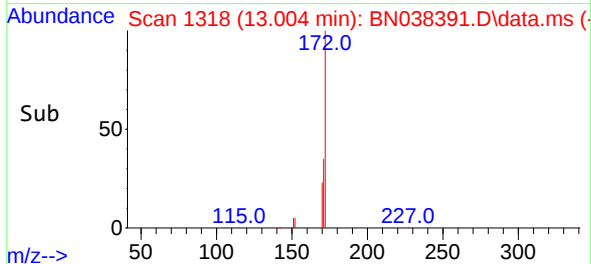
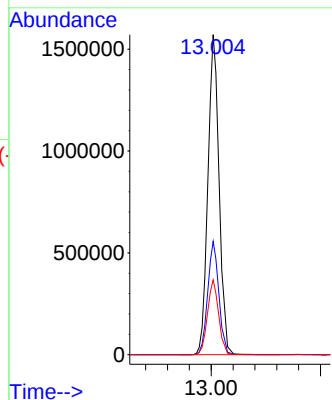
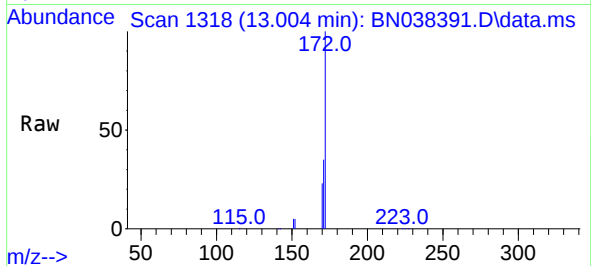




#15
2-Fluorobiphenyl
Concen: 63.483 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

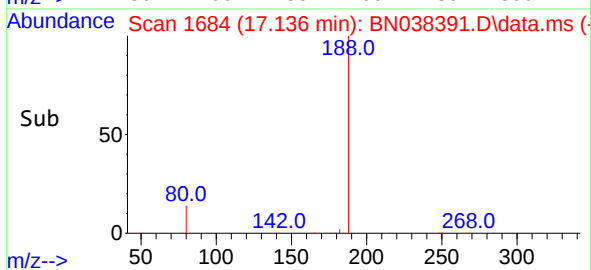
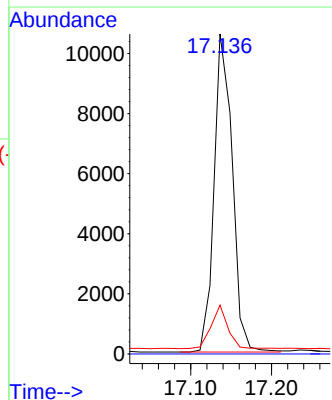
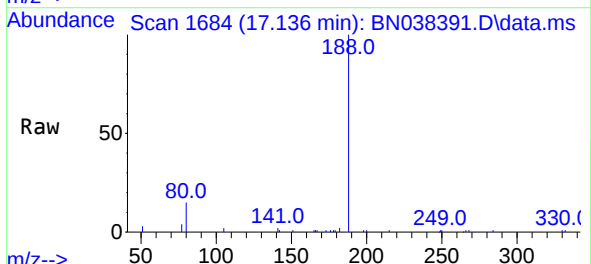
Instrument :
BNA_N
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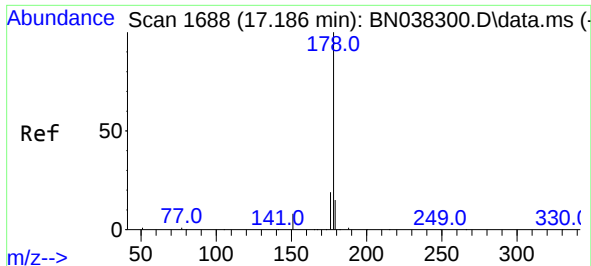
Tgt Ion:172 Resp: 2776676
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.4 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

Tgt Ion:188 Resp: 16606
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 7.4 11.0#

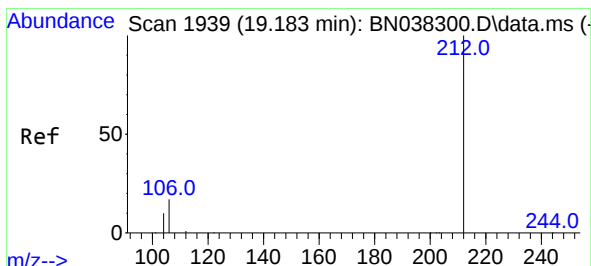
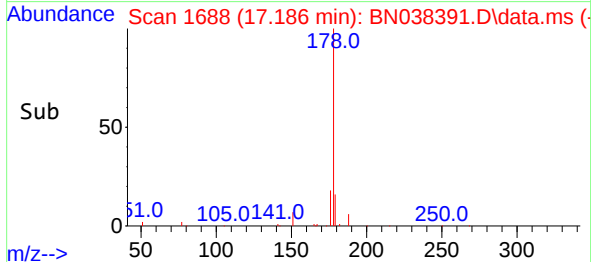
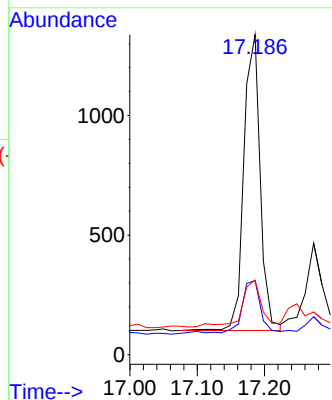
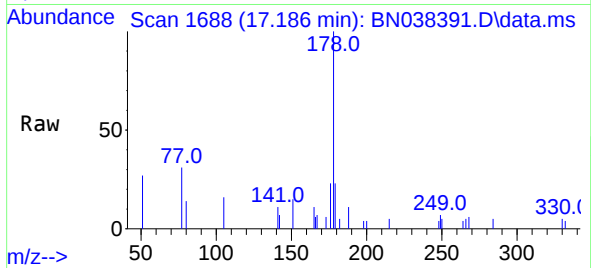




#25
Phenanthrene
Concen: 0.036 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

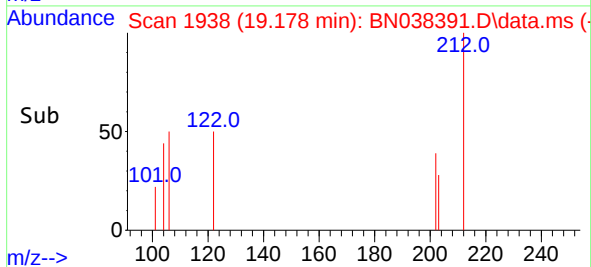
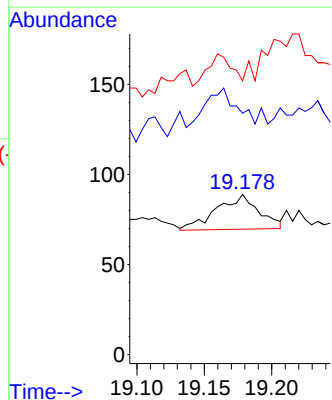
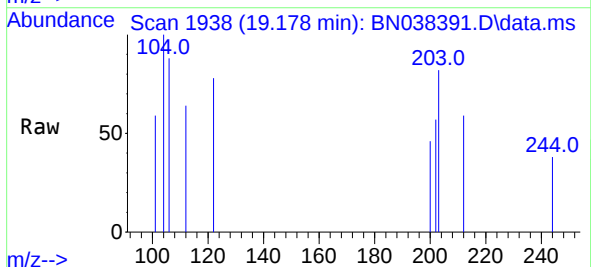
Instrument :
BNA_N
ClientSampleId :
C0AT5

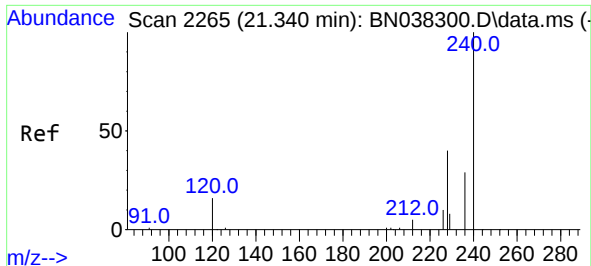
Tgt Ion:178 Resp: 2089
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 18.4 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

Tgt Ion:212 Resp: 42
Ion Ratio Lower Upper
212 100
106 83.3 13.7 20.5#
104 52.4 7.8 11.8#

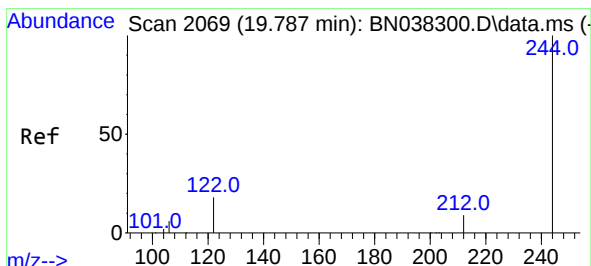
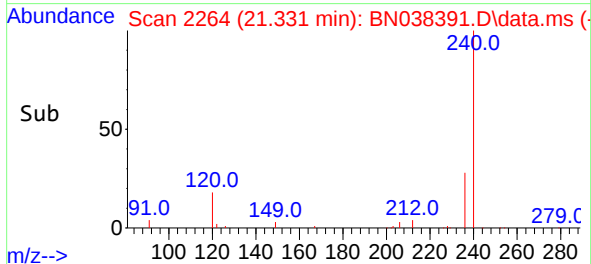
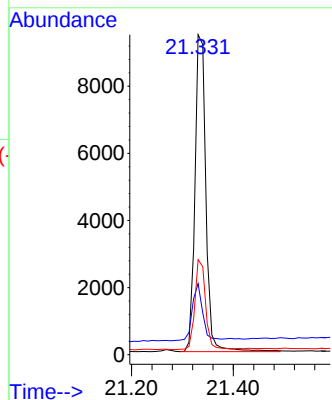
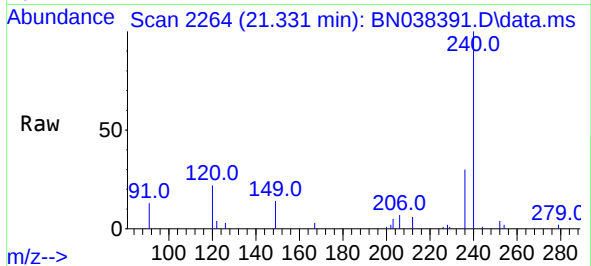




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

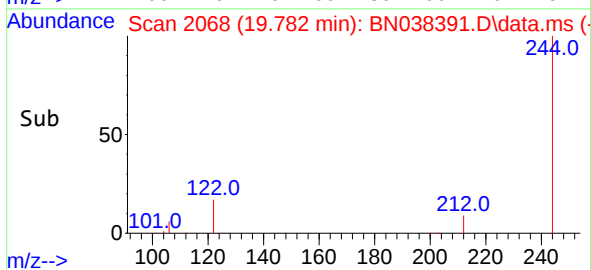
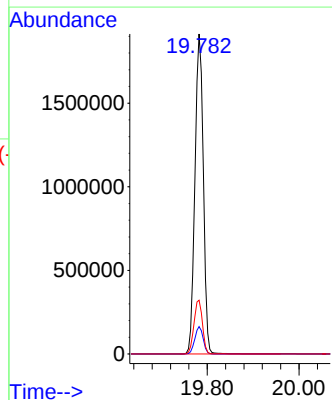
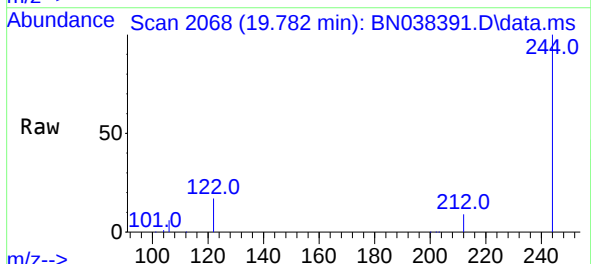
Instrument :
BNA_N
ClientSampleId :
C0AT5

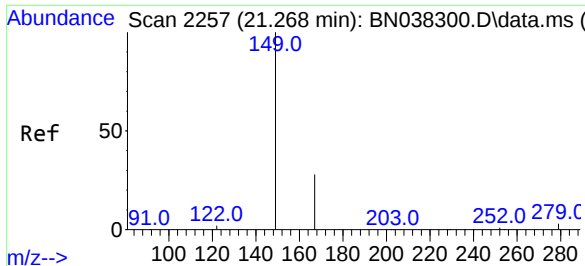
Tgt Ion:240 Resp: 14122
Ion Ratio Lower Upper
240 100
120 22.2 15.4 23.2
236 29.7 23.9 35.9



#31
Terphenyl-d14
Concen: 76.797 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

Tgt Ion:244 Resp: 2420328
Ion Ratio Lower Upper
244 100
212 8.5 7.9 11.9
122 16.8 15.0 22.6

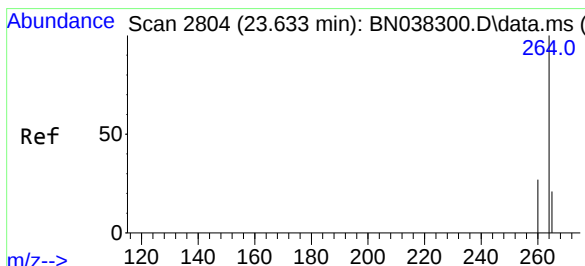
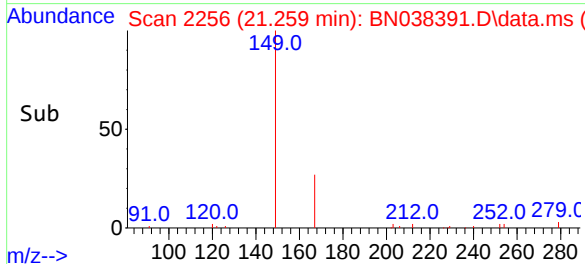
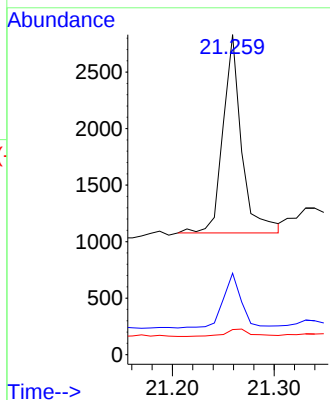
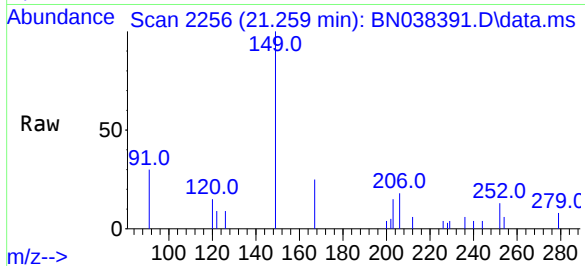




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.075 ng
RT: 21.259 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

Instrument :
BNA_N
ClientSampleId :
C0AT5

Tgt Ion:149 Resp: 2231
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 5.0 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BN038391.D
Acq: 13 Dec 2025 17:41

Tgt Ion:264 Resp: 15102
Ion Ratio Lower Upper
264 100
260 27.3 22.2 33.2
265 81.7 80.2 120.2

