

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038424.D
 Acq On : 16 Dec 2025 04:06
 Operator : RC/JU
 Sample : Q3839-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AT4

Quant Time: Dec 16 05:33:40 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)

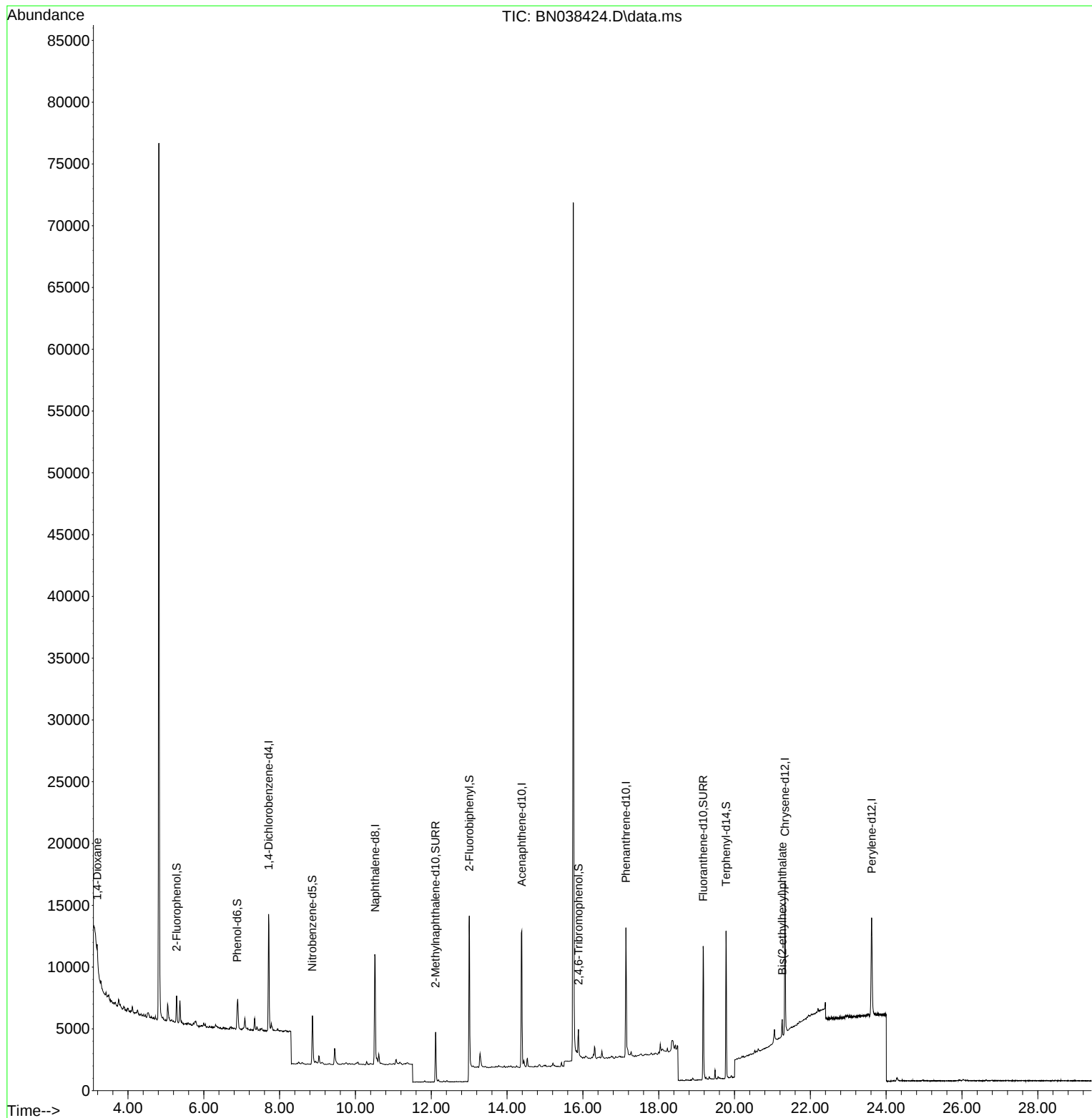
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4815	0.400	ng	-0.01
7) Naphthalene-d8	10.519	136	13326	0.400	ng	-0.01
13) Acenaphthene-d10	14.388	164	7216	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13465	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	10600	0.400	ng	0.00
35) Perylene-d12	23.616	264	10878	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1816	0.151	ng	0.00
5) Phenol-d6	6.879	99	1318	0.092	ng	0.00
8) Nitrobenzene-d5	8.865	82	3649	0.325	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5850	0.311	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	1359	0.425	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	16120	0.464	ng	0.00
27) Fluoranthene-d10	19.174	212	11831	0.355	ng	-0.01
31) Terphenyl-d14	19.777	244	11005	0.465	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	751	0.136	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.259	149	1333	0.059	ng	98

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

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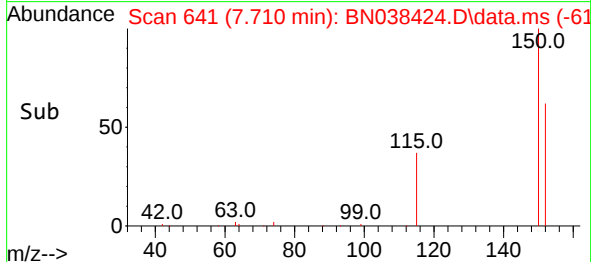
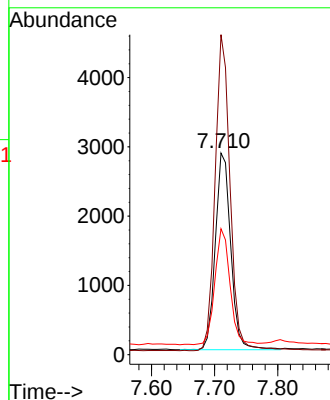
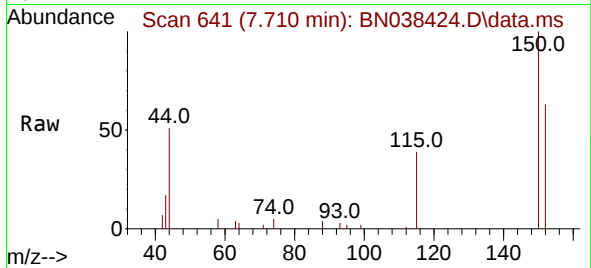




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

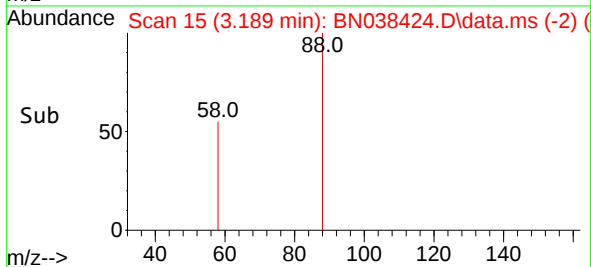
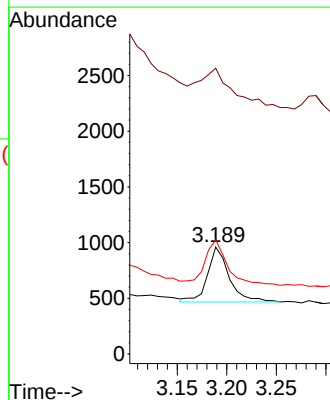
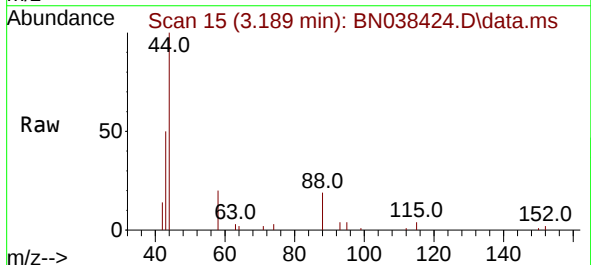
Instrument :
BNA_N
ClientSampleId :
COAT4

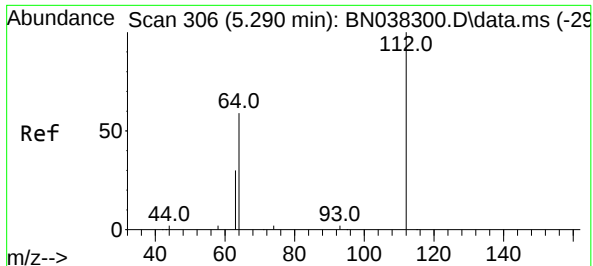
Tgt Ion:152 Resp: 4815
Ion Ratio Lower Upper
152 100
150 158.7 122.4 183.6
115 62.5 47.3 70.9



#2
1,4-Dioxane
Concen: 0.136 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

Tgt Ion: 88 Resp: 751
Ion Ratio Lower Upper
88 100
43 110.4 24.9 37.3#
58 88.5 61.4 92.0

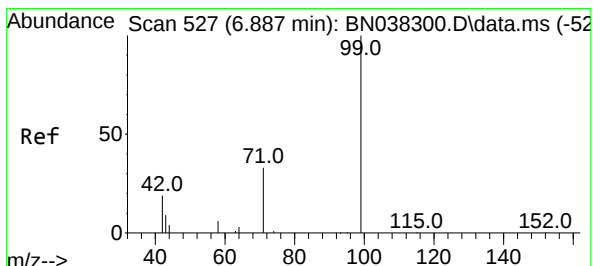
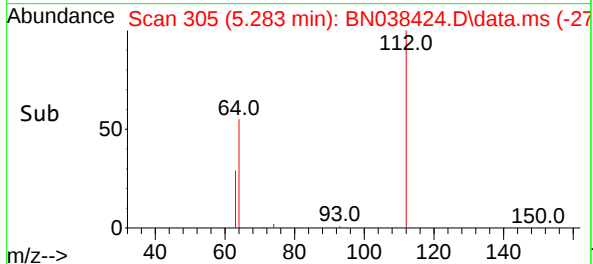
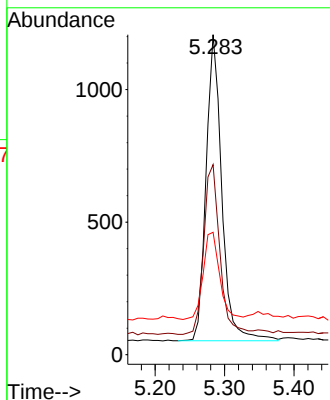
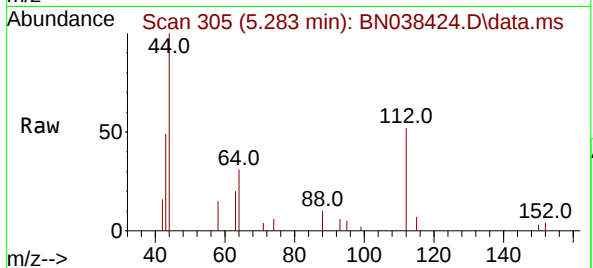




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

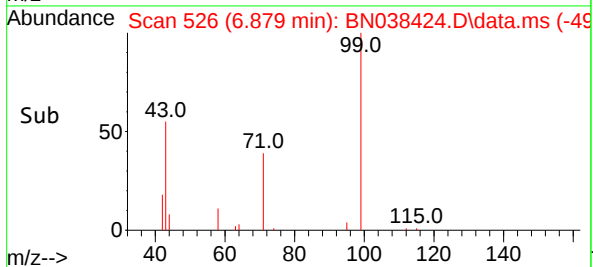
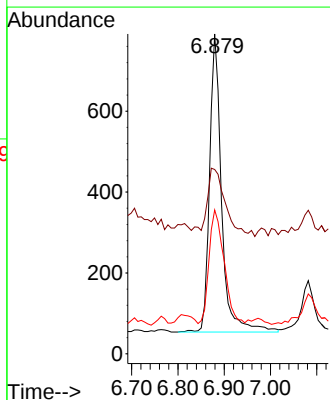
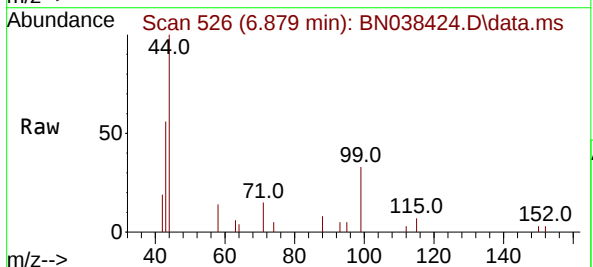
Instrument :
BNA_N
ClientSampleId :
COAT4

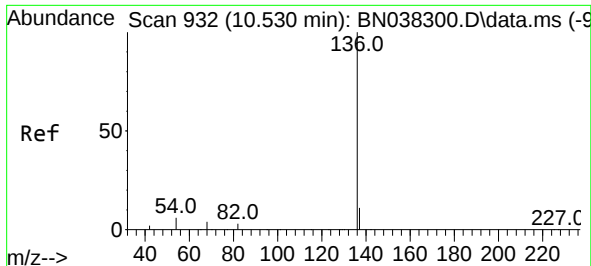
Tgt Ion:112 Resp: 1816
Ion Ratio Lower Upper
112 100
64 56.7 44.4 66.6
63 30.1 23.4 35.0



#5
Phenol-d6
Concen: 0.092 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

Tgt Ion: 99 Resp: 1318
Ion Ratio Lower Upper
99 100
42 34.4 16.5 24.7#
71 48.6 24.9 37.3#

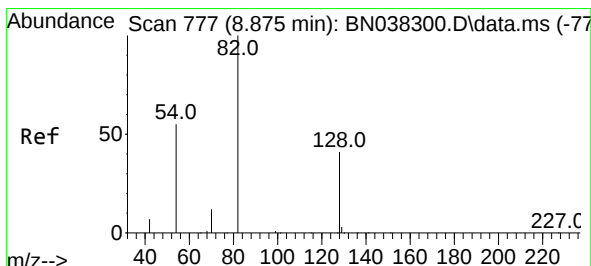
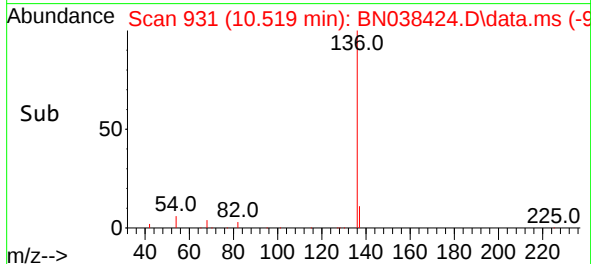
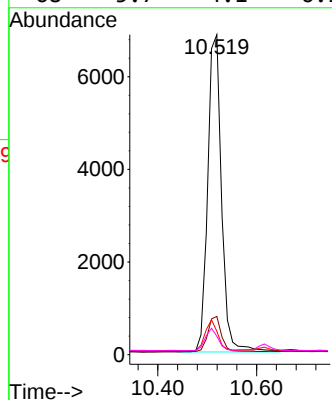
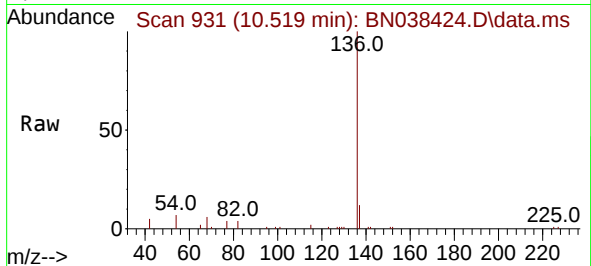




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

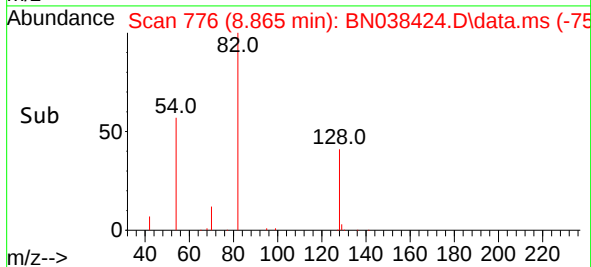
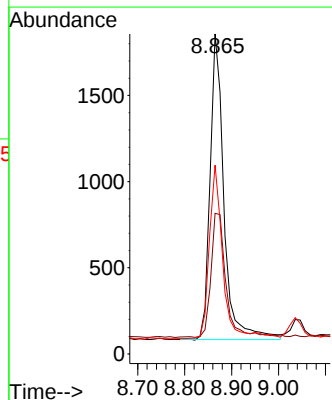
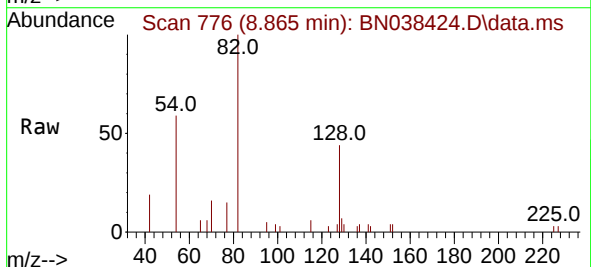
Instrument :
BNA_N
ClientSampleId :
C0AT4

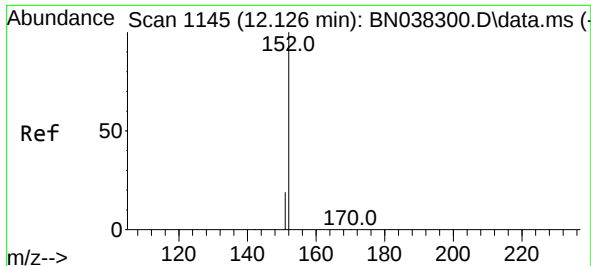
Tgt Ion:	136	Resp:	13326
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	7.3	5.2	7.8
68	5.7	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

Tgt Ion:	82	Resp:	3649
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	59.0	44.4	66.6

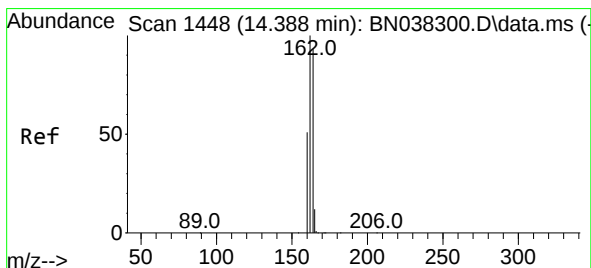
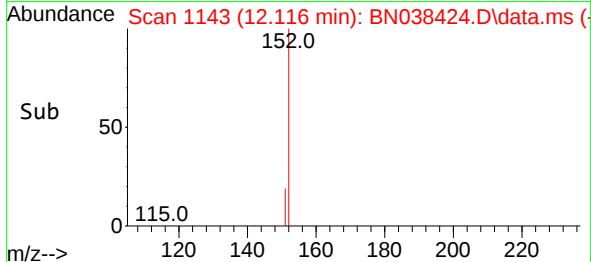
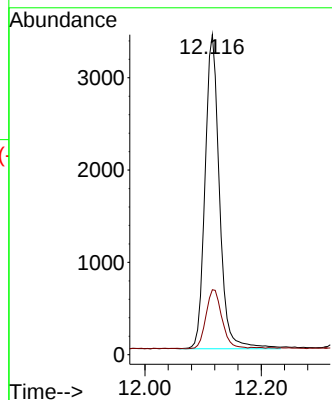
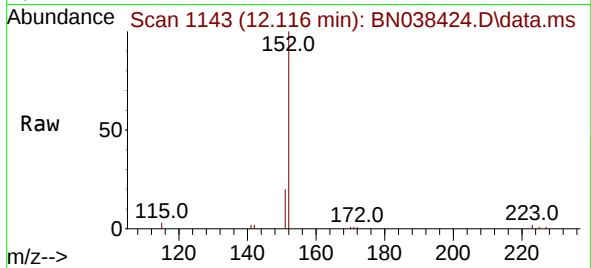




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

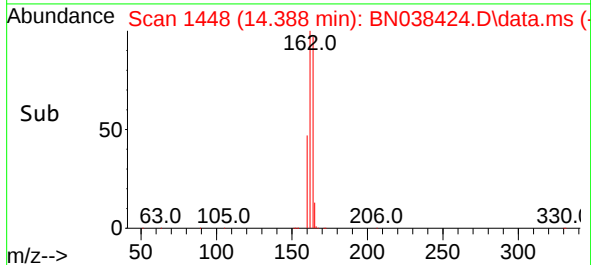
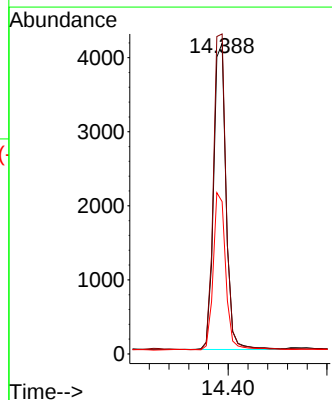
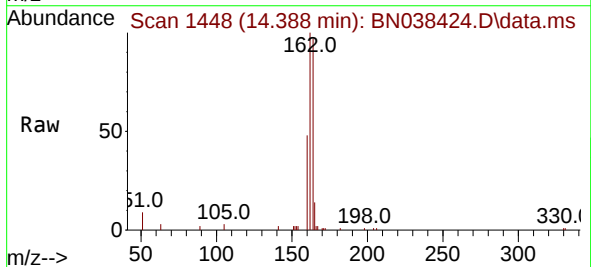
Instrument :
BNA_N
ClientSampleId :
COAT4

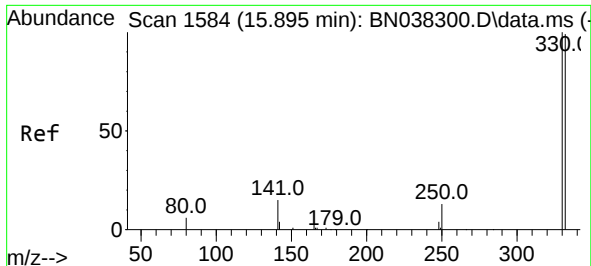
Tgt Ion:152 Resp: 5850
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

Tgt Ion:164 Resp: 7216
Ion Ratio Lower Upper
164 100
162 103.0 86.2 129.4
160 49.0 44.6 67.0

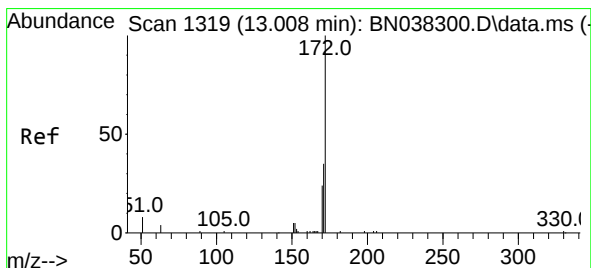
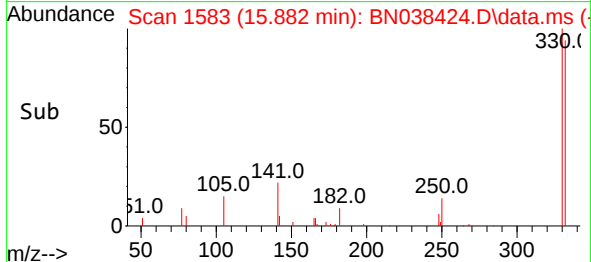
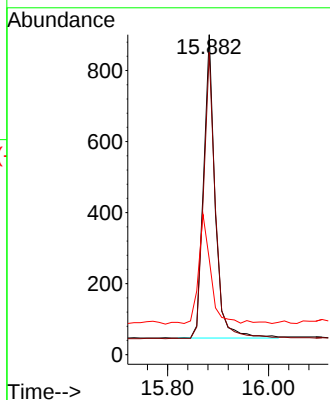
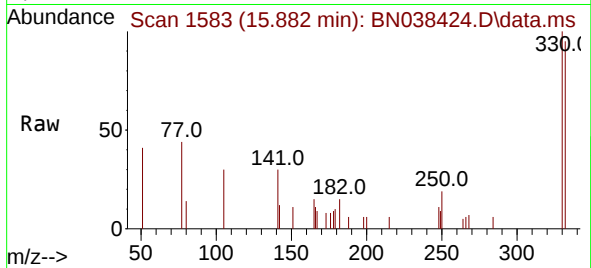




#14
 2,4,6-Tribromophenol
 Concen: 0.425 ng
 RT: 15.882 min Scan# 1583
 Delta R.T. -0.012 min
 Lab File: BN038424.D
 Acq: 16 Dec 2025 04:06

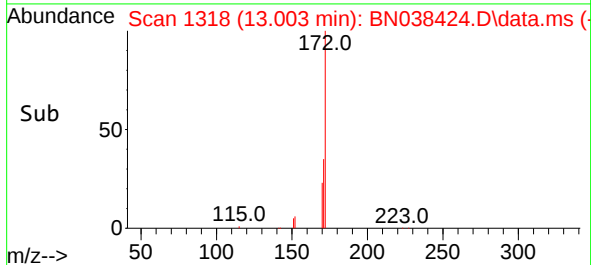
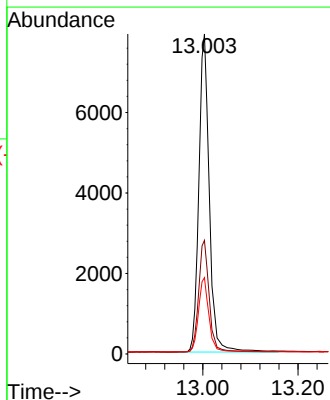
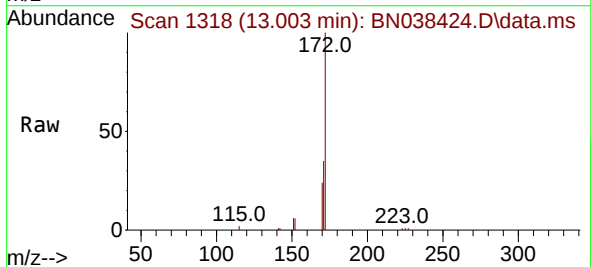
Instrument :
 BNA_N
 ClientSampleId :
 C0AT4

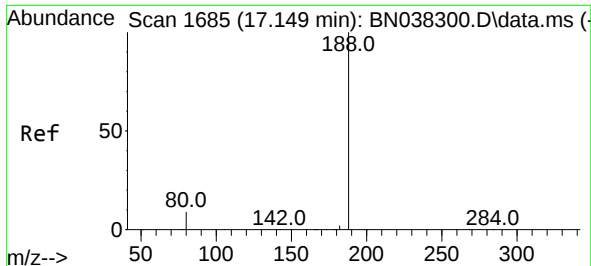
Tgt Ion: 330 Resp: 1359
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.8 113.6
 141 38.4 31.8 47.8



#15
 2-Fluorobiphenyl
 Concen: 0.464 ng
 RT: 13.003 min Scan# 1318
 Delta R.T. -0.005 min
 Lab File: BN038424.D
 Acq: 16 Dec 2025 04:06

Tgt Ion: 172 Resp: 16120
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.8 19.3 28.9

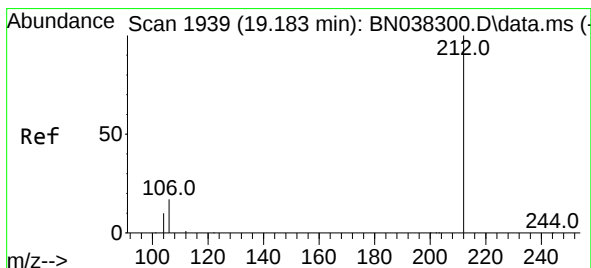
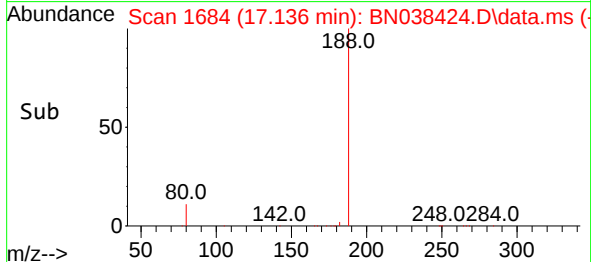
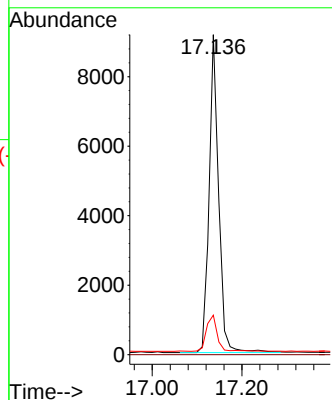
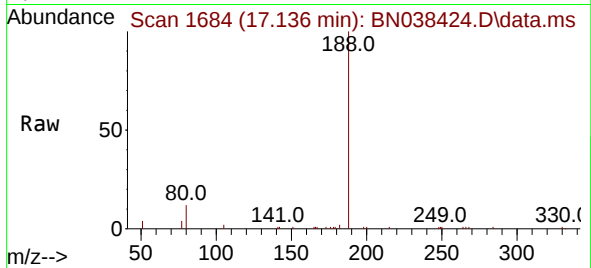




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

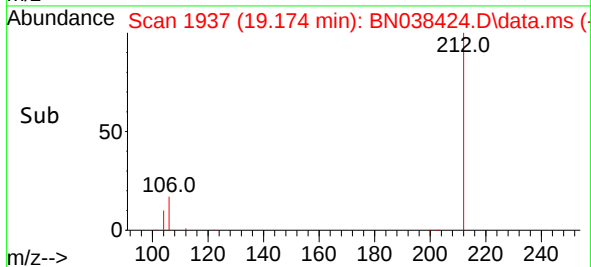
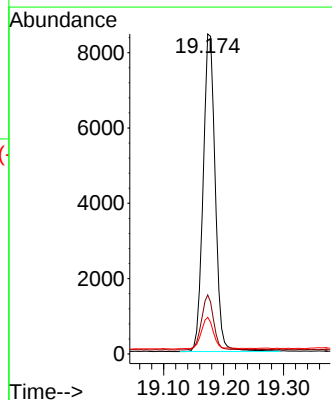
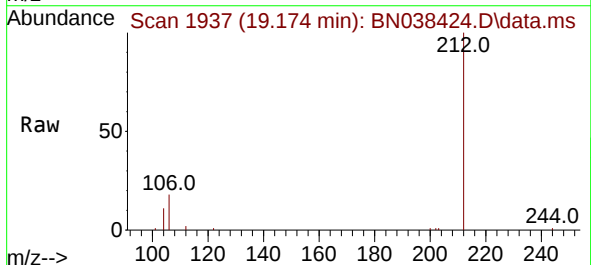
Instrument :
BNA_N
ClientSampleId :
C0AT4

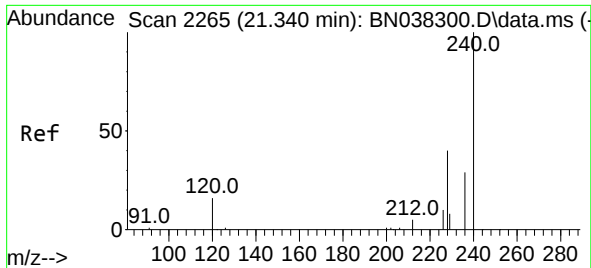
Tgt Ion:188 Resp: 13465
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

Tgt Ion:212 Resp: 11831
Ion Ratio Lower Upper
212 100
106 17.2 13.7 20.5
104 10.2 7.8 11.8

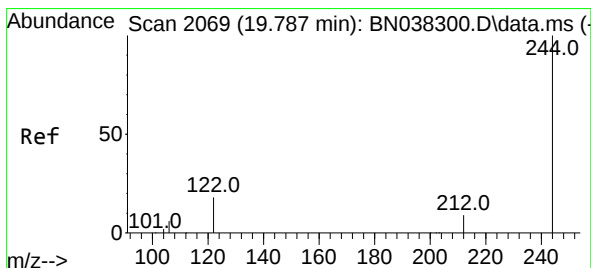
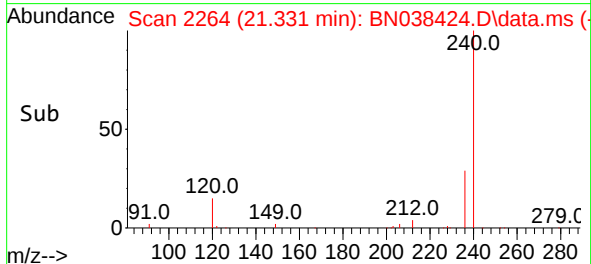
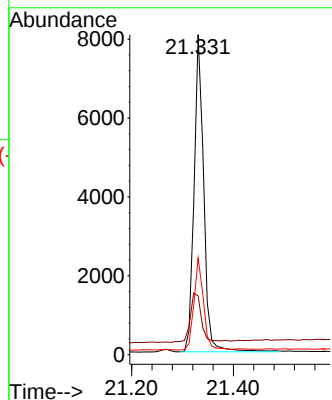
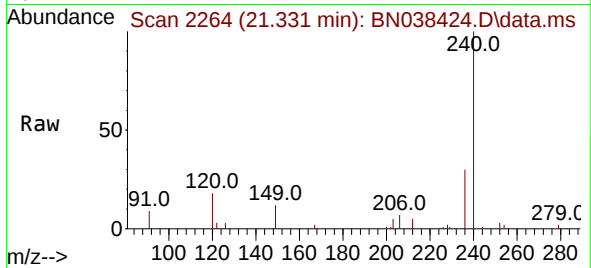




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

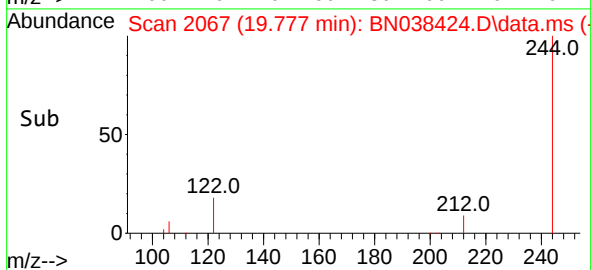
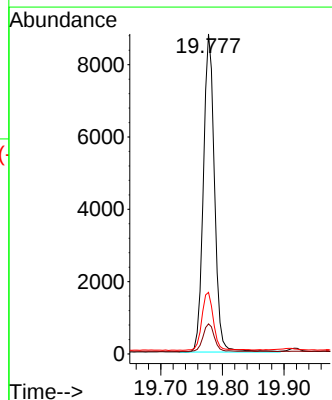
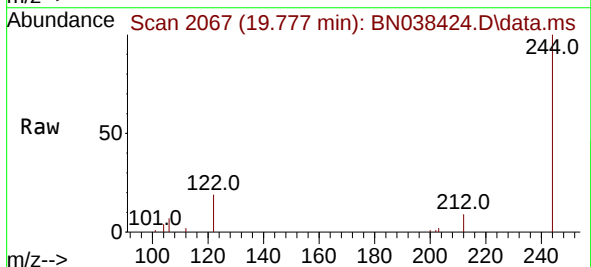
Instrument :
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C0AT4

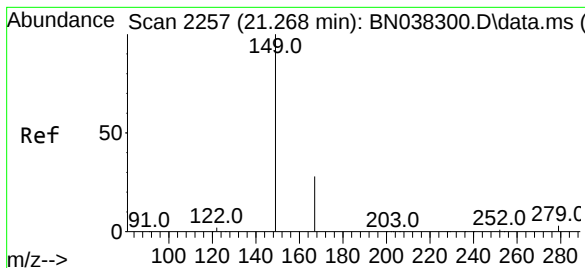
Tgt Ion:240 Resp: 10600
Ion Ratio Lower Upper
240 100
120 18.4 15.4 23.2
236 30.2 23.9 35.9



#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038424.D
Acq: 16 Dec 2025 04:06

Tgt Ion:244 Resp: 11005
Ion Ratio Lower Upper
244 100
212 9.4 7.9 11.9
122 19.3 15.0 22.6

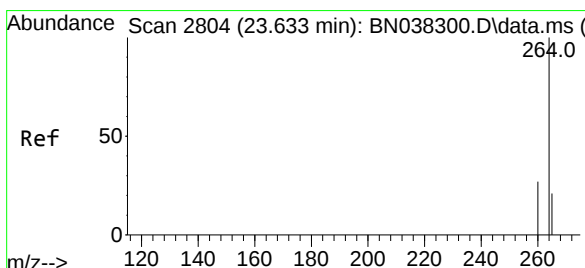
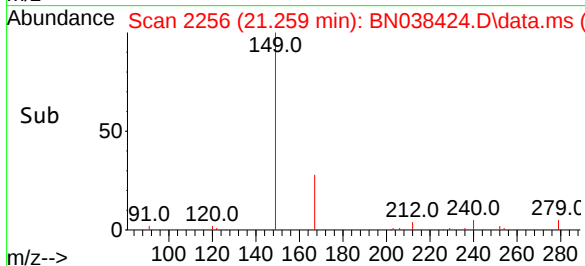
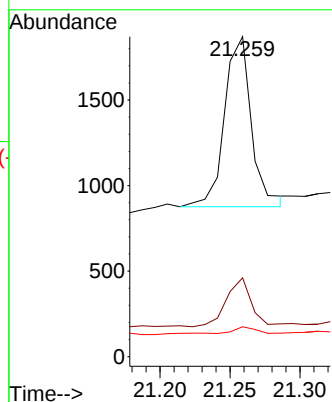
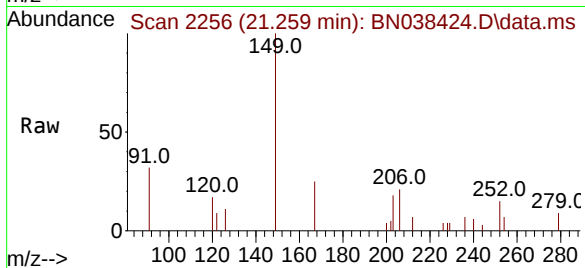




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.259 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038424.D
 Acq: 16 Dec 2025 04:06

Instrument :
 BNA_N
 ClientSampleId :
 COAT4

Tgt Ion:149 Resp: 1333
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.4 32.0
 279 3.5 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.616 min Scan# 2798
 Delta R.T. -0.018 min
 Lab File: BN038424.D
 Acq: 16 Dec 2025 04:06

Tgt Ion:264 Resp: 10878
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.2 33.2
 265 90.1 80.2 120.2

