

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038435.D
 Acq On : 16 Dec 2025 10:48
 Operator : RC/JU
 Sample : PB170917BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170917BL

Quant Time: Dec 16 11:14:21 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	5135	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13064	0.400	ng	#-0.02
13) Acenaphthene-d10	14.387	164	6423	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	10297	0.400	ng	#-0.01
29) Chrysene-d12	21.330	240	8378	0.400	ng	0.00
35) Perylene-d12	23.618	264	9304	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	4475	0.350	ng	0.00
5) Phenol-d6	6.879	99	4851	0.319	ng	0.00
8) Nitrobenzene-d5	8.864	82	4025	0.365	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	6178	0.335	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	461	0.162	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	12989	0.420	ng	0.00
27) Fluoranthene-d10	19.173	212	9000	0.353	ng	-0.01
31) Terphenyl-d14	19.777	244	6991	0.374	ng	-0.01

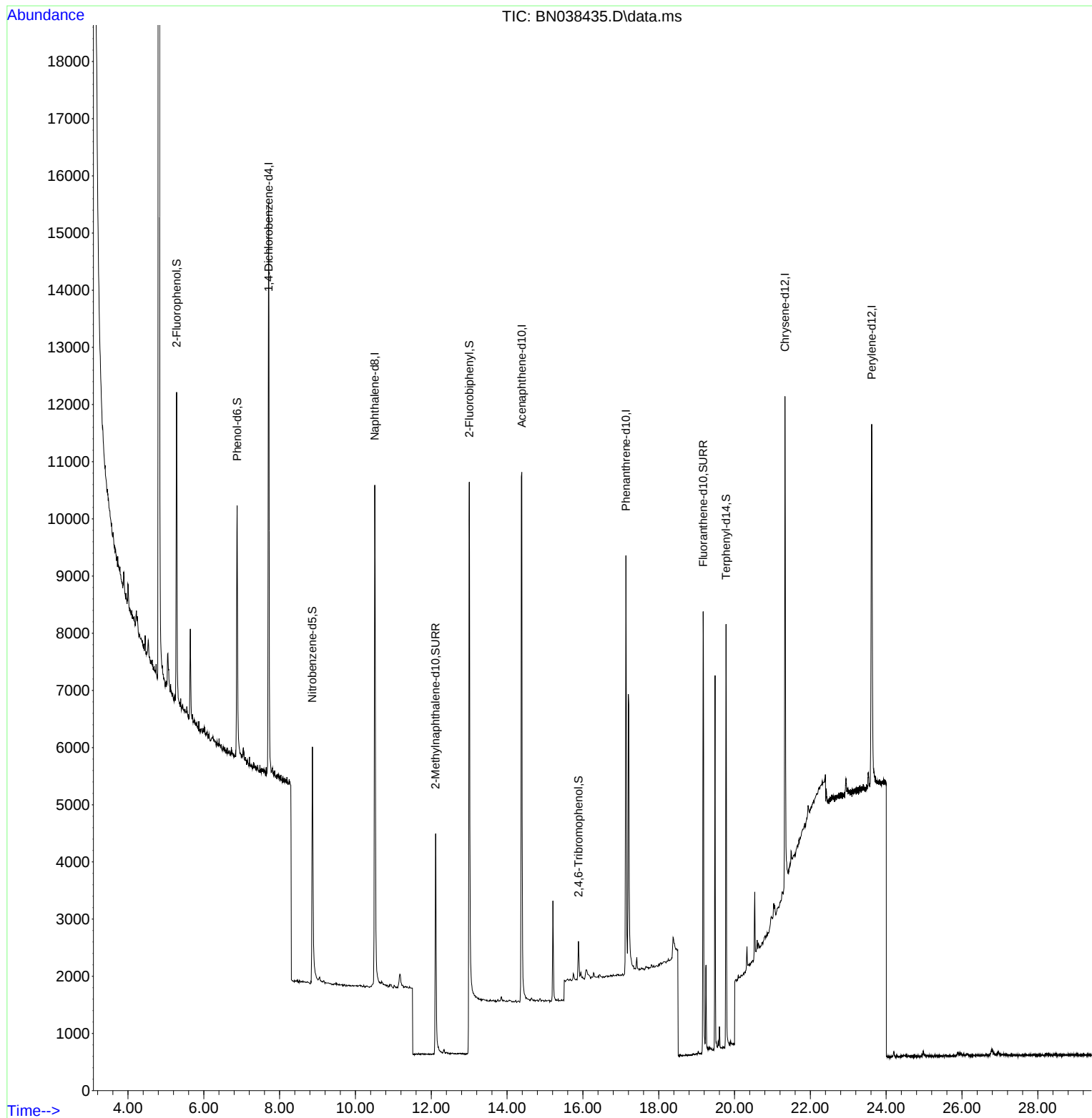
Target Compounds Qvalue

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

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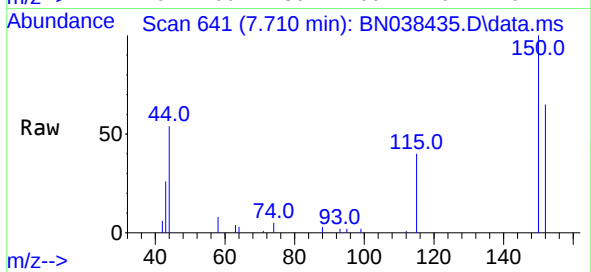
Quant Time: Dec 16 11:14:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



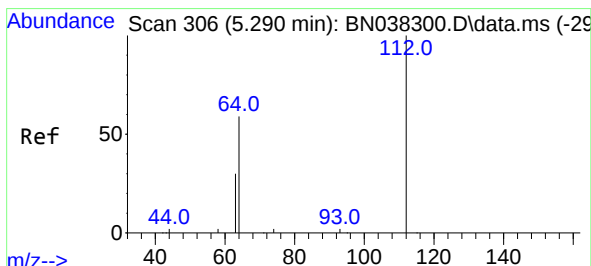
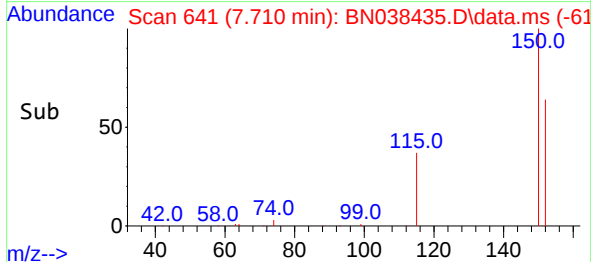
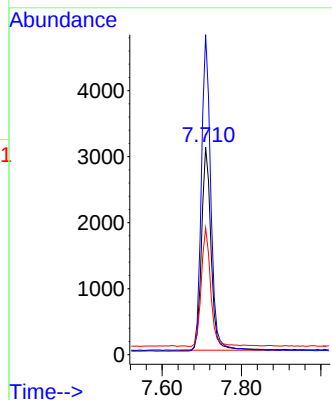


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

Instrument :
BNA_N
ClientSampleId :
PB170917BL

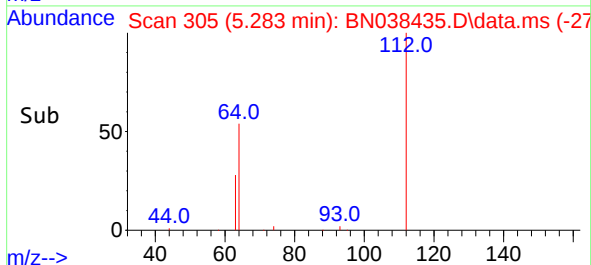
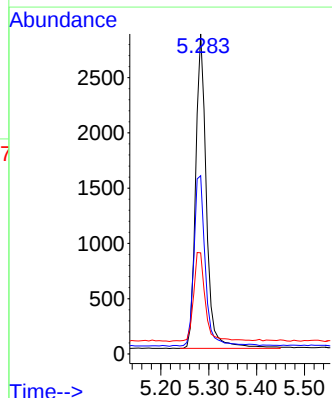
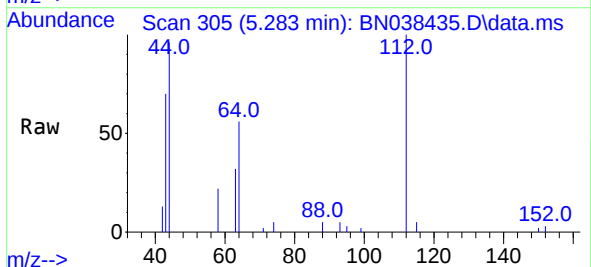


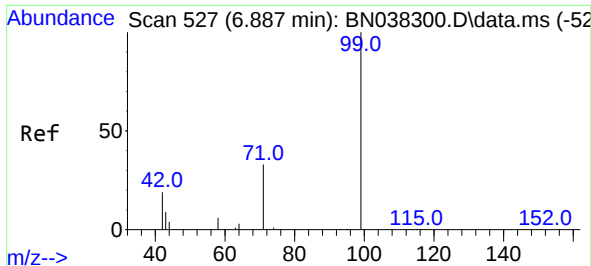
Tgt Ion:152 Resp: 5135
Ion Ratio Lower Upper
152 100
150 154.2 122.4 183.6
115 61.0 47.3 70.9



#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

Tgt Ion:112 Resp: 4475
Ion Ratio Lower Upper
112 100
64 57.4 44.4 66.6
63 30.8 23.4 35.0

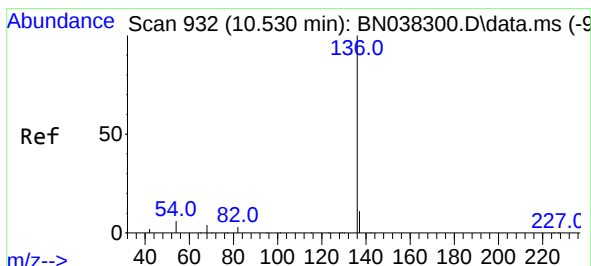
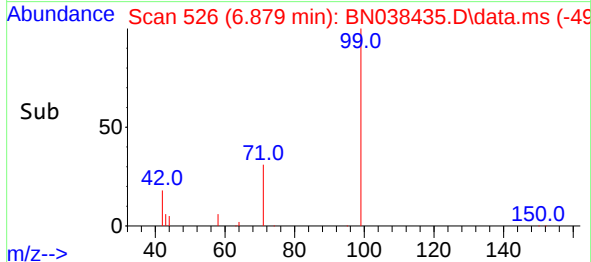
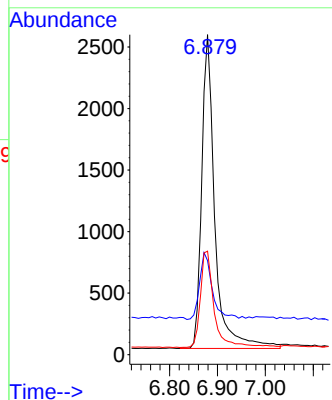
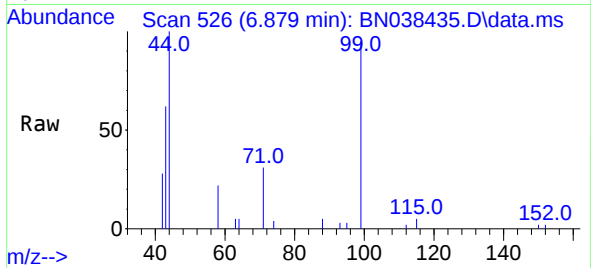




#5
Phenol-d6
Concen: 0.319 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

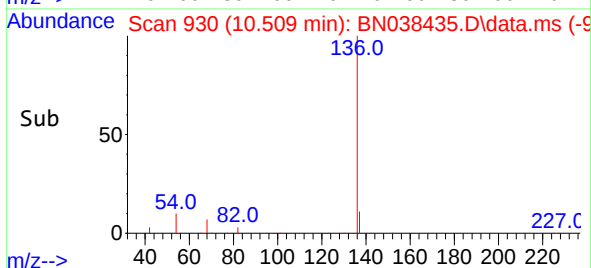
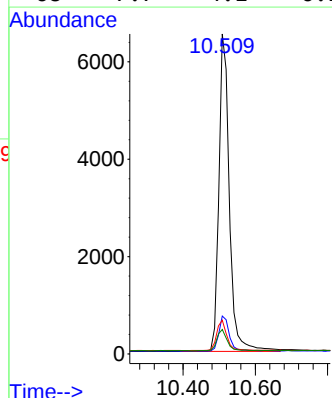
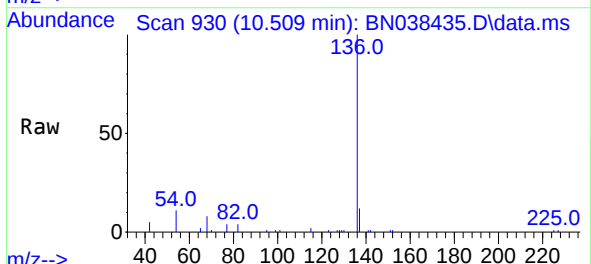
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ClientSampleId :
PB170917BL

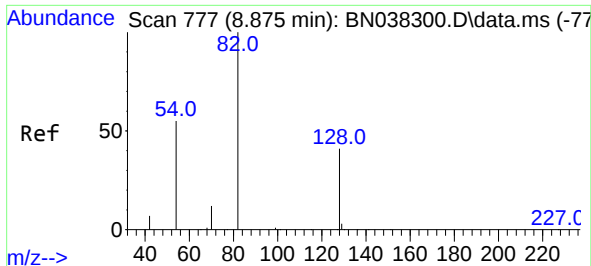
Tgt Ion: 99 Resp: 4851
Ion Ratio Lower Upper
99 100
42 20.7 16.5 24.7
71 32.4 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

Tgt Ion: 136 Resp: 13064
Ion Ratio Lower Upper
136 100
137 11.9 9.1 13.7
54 10.6 5.2 7.8#
68 7.7 4.1 6.1#

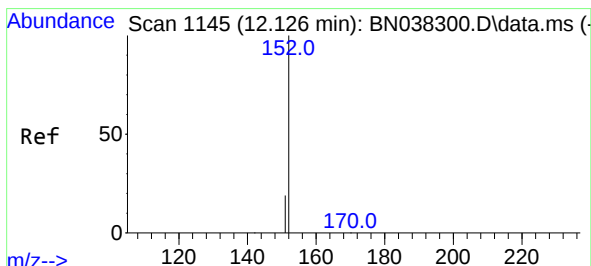
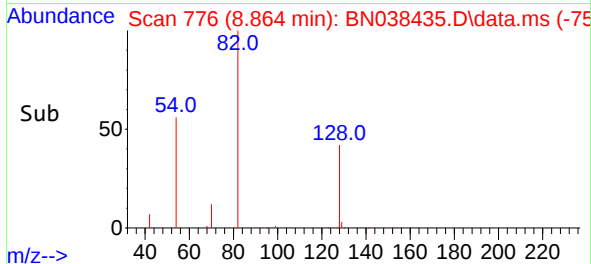
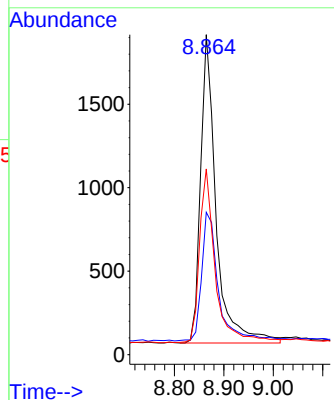
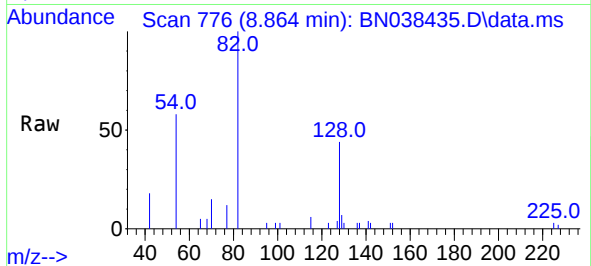




#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.864 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

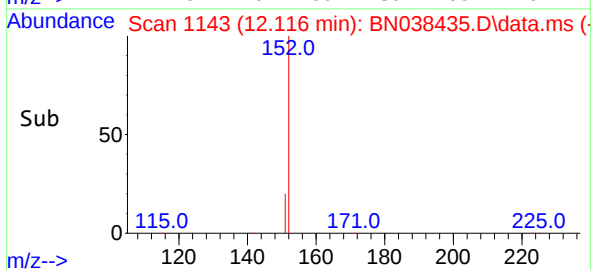
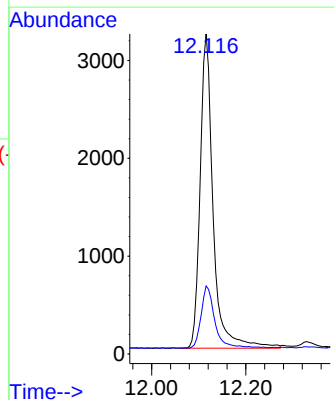
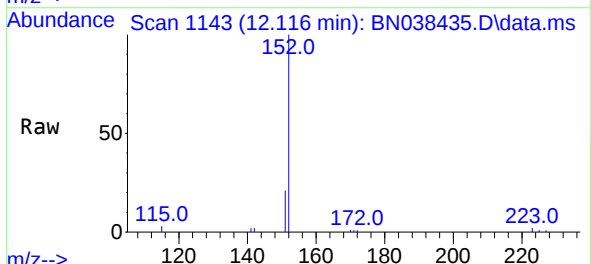
Instrument :
BNA_N
ClientSampleId :
PB170917BL

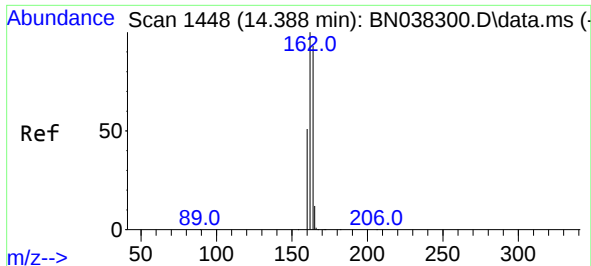
Tgt Ion: 82 Resp: 4025
Ion Ratio Lower Upper
82 100
128 44.5 34.0 51.0
54 58.1 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

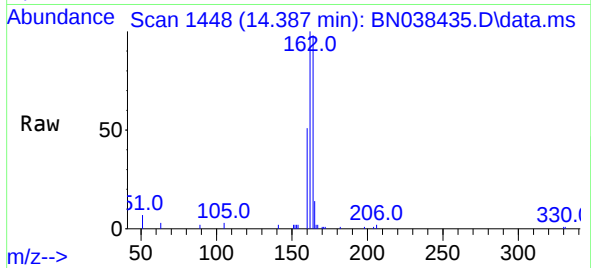
Tgt Ion: 152 Resp: 6178
Ion Ratio Lower Upper
152 100
151 21.1 17.0 25.6



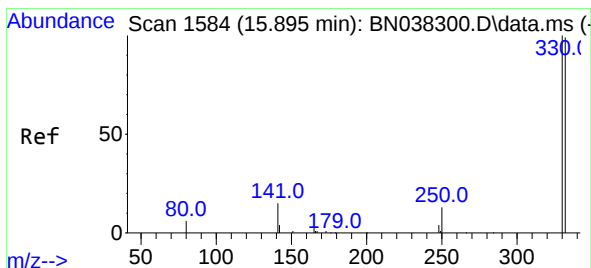
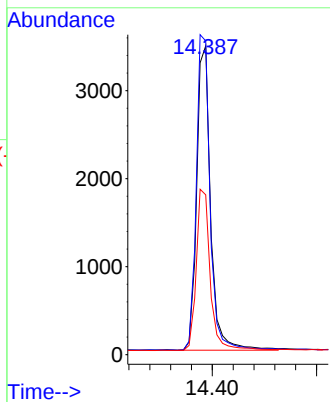
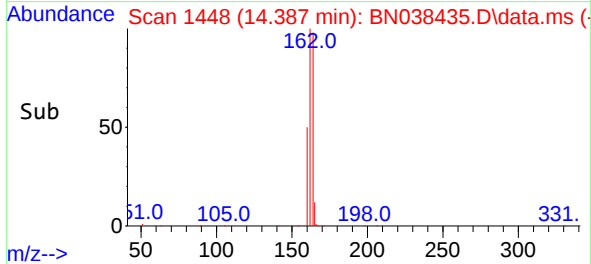


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

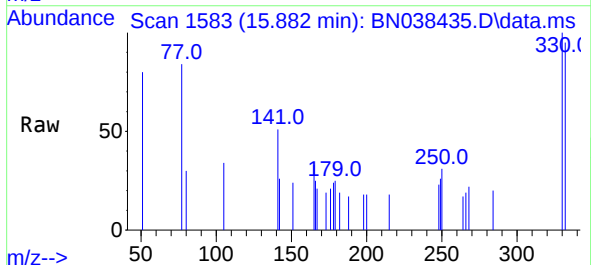
Instrument :
BNA_N
ClientSampleId :
PB170917BL



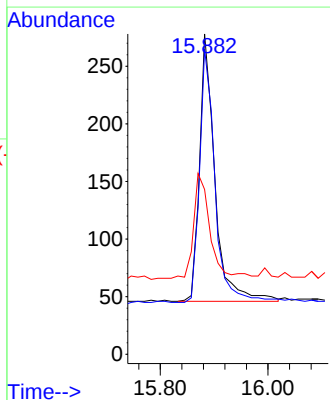
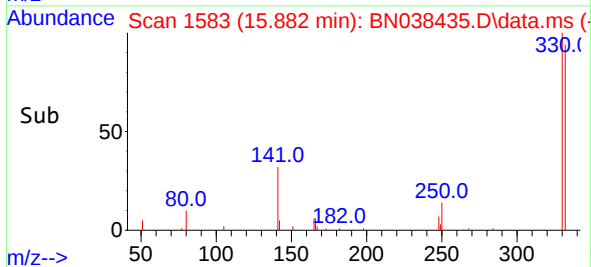
Tgt Ion:164 Resp: 6423
Ion Ratio Lower Upper
164 100
162 101.6 86.2 129.4
160 51.8 44.6 67.0

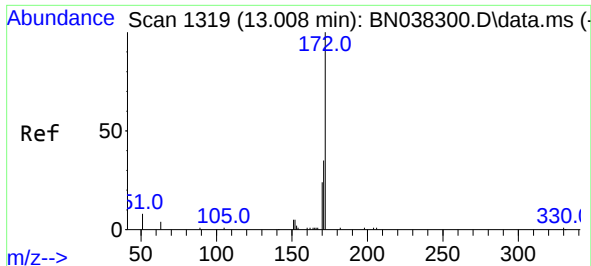


#14
2,4,6-Tribromophenol
Concen: 0.162 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.013 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48



Tgt Ion:330 Resp: 461
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.6
141 41.4 31.8 47.8

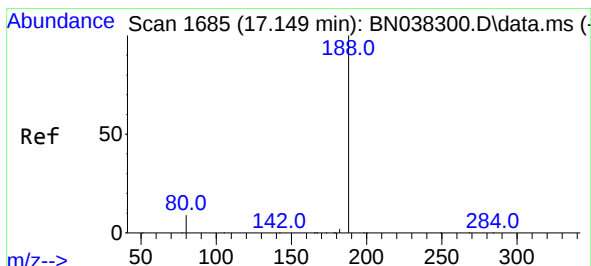
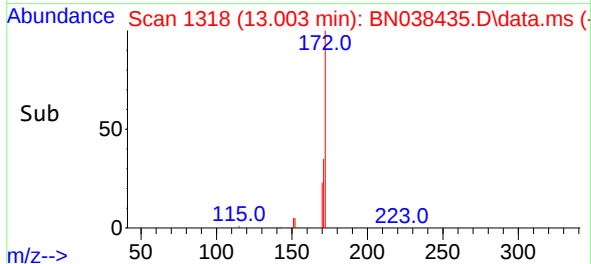
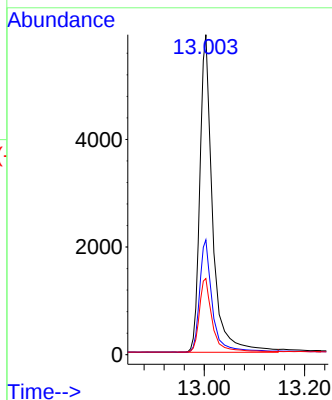
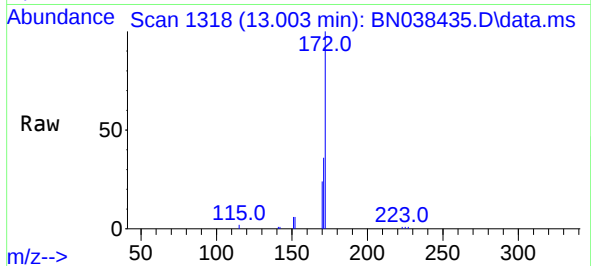




#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

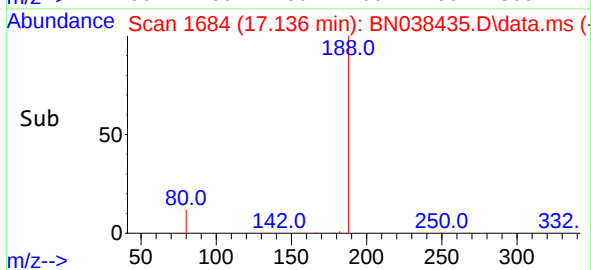
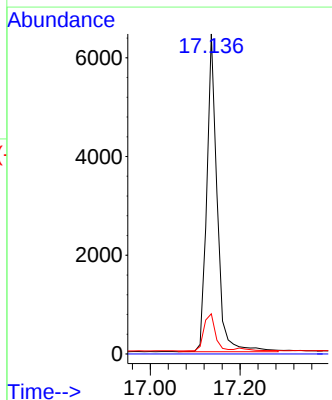
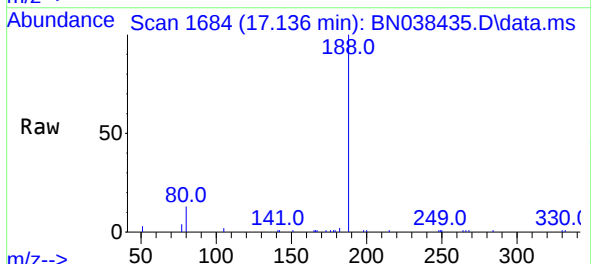
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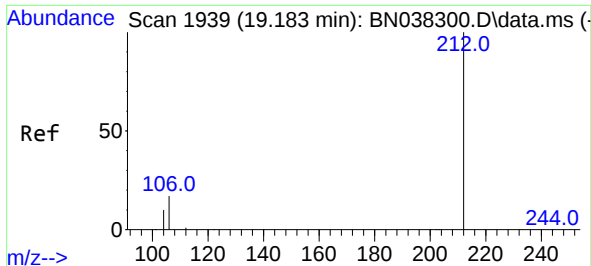
Tgt Ion:172 Resp: 12989
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.8 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.013 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

Tgt Ion:188 Resp: 10297
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 7.4 11.0#

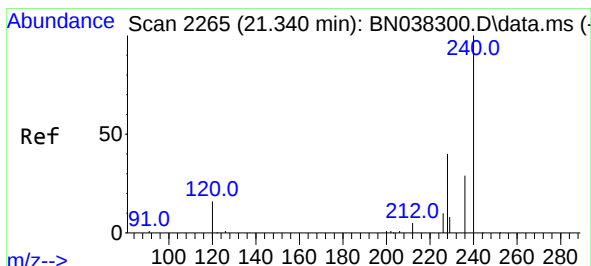
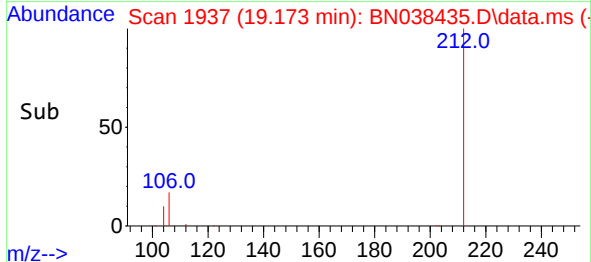
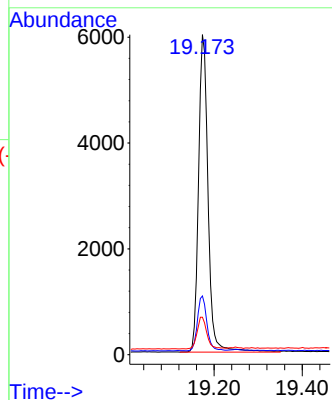
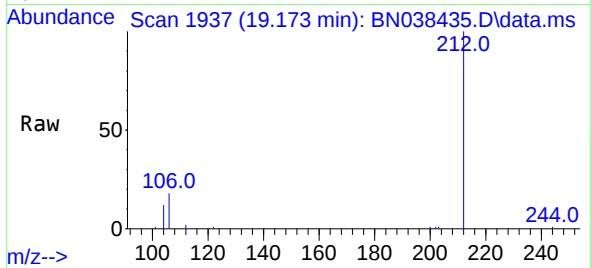




#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.173 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

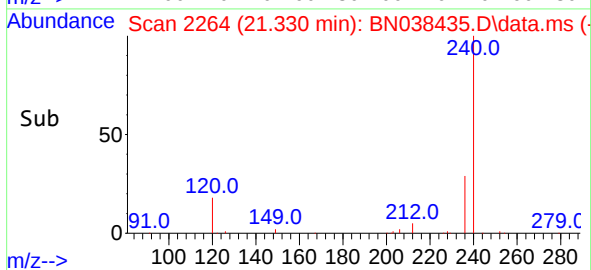
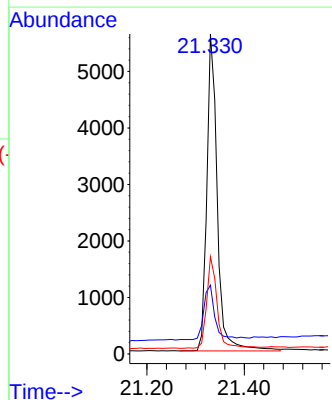
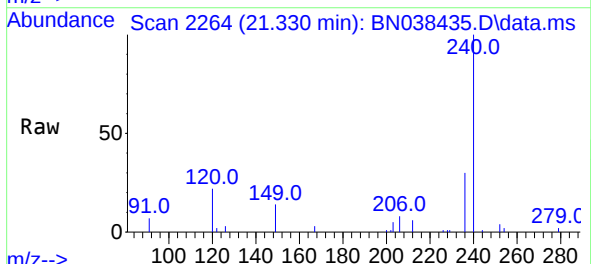
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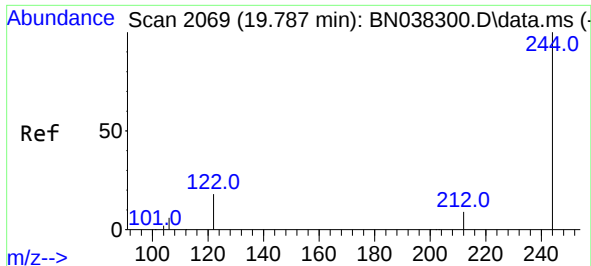
Tgt Ion:212 Resp: 9000
Ion Ratio Lower Upper
212 100
106 17.1 13.7 20.5
104 10.3 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.330 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

Tgt Ion:240 Resp: 8378
Ion Ratio Lower Upper
240 100
120 21.5 15.4 23.2
236 30.4 23.9 35.9

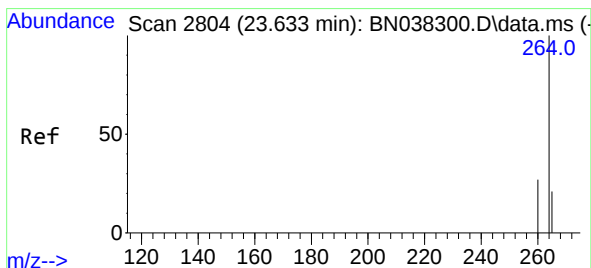
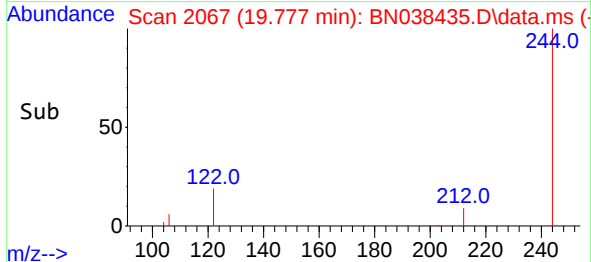
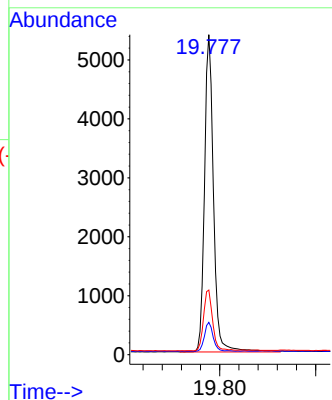
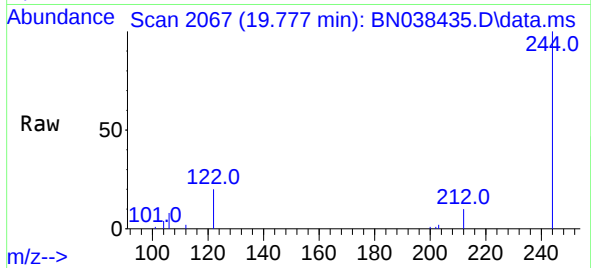




#31
Terphenyl-d14
Concen: 0.374 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

Instrument :
BNA_N
ClientSampleId :
PB170917BL

Tgt Ion:244 Resp: 6991
Ion Ratio Lower Upper
244 100
212 10.1 7.9 11.9
122 20.2 15.0 22.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.618 min Scan# 2799
Delta R.T. -0.015 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

Tgt Ion:264 Resp: 9304
Ion Ratio Lower Upper
264 100
260 27.8 22.2 33.2
265 98.5 80.2 120.2

