

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038023.D
 Acq On : 07 Oct 2025 00:08
 Operator : RC/JU
 Sample : PB169904BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169904BL

Quant Time: Oct 07 01:54:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7850	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	20745	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	9107	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	15264	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	8024	0.400	ng	#-0.02
35) Perylene-d12	23.706	264	7902	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	6434	0.359	ng	0.00
5) Phenol-d6	6.966	99	7875	0.335	ng	0.00
8) Nitrobenzene-d5	8.950	82	5676	0.359	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	9416	0.327	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	816	0.236	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	13974	0.375	ng	-0.01
27) Fluoranthene-d10	19.239	212	10714	0.279	ng	-0.01
31) Terphenyl-d14	19.838	244	6667	0.417	ng	-0.01

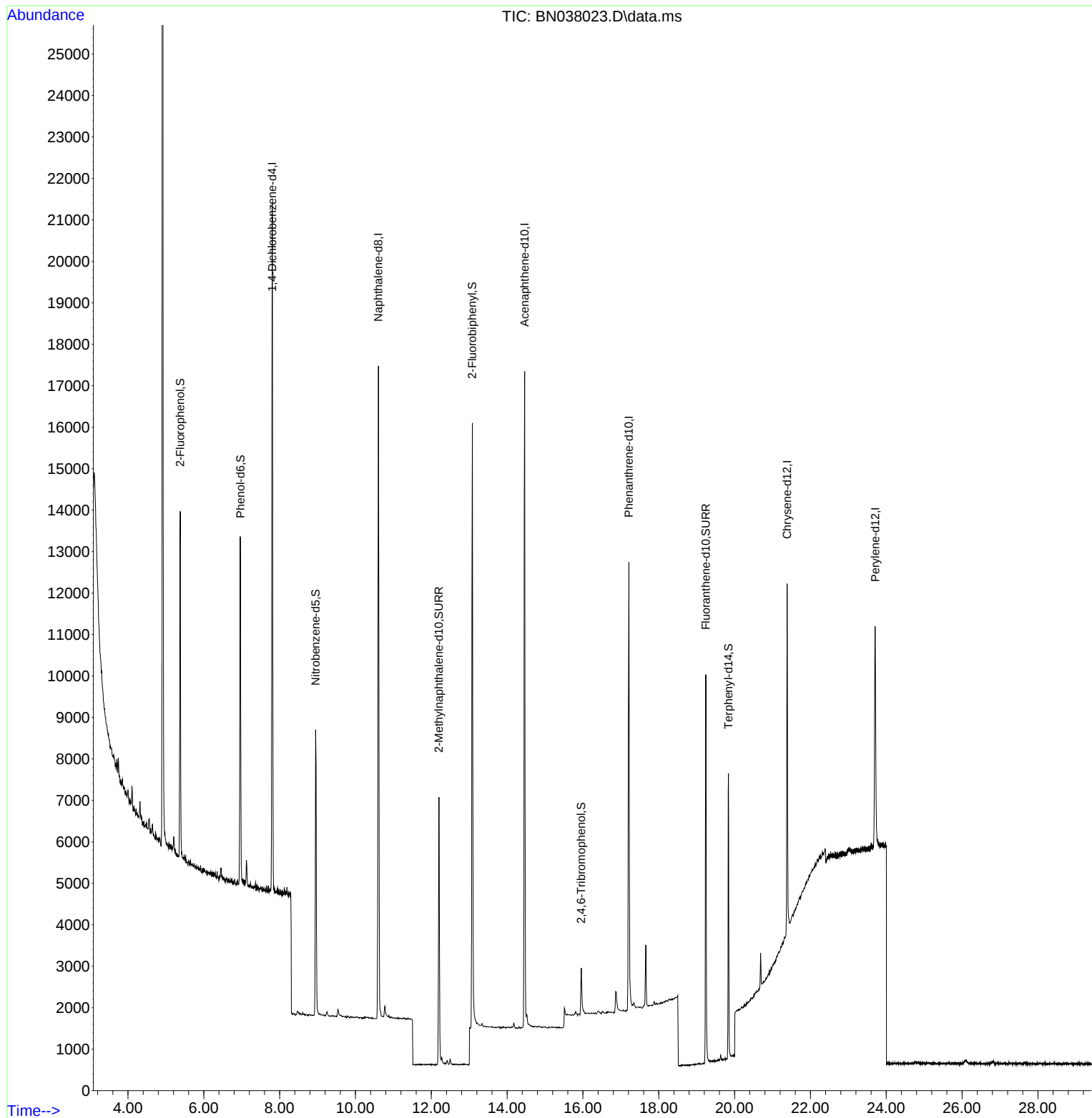
Target Compounds	Qvalue

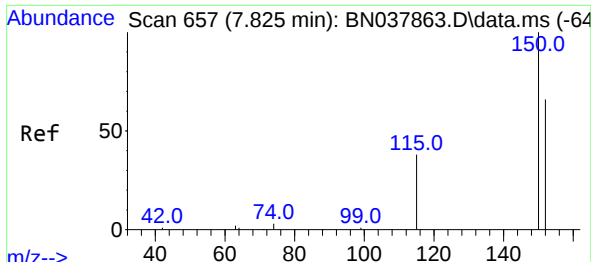
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
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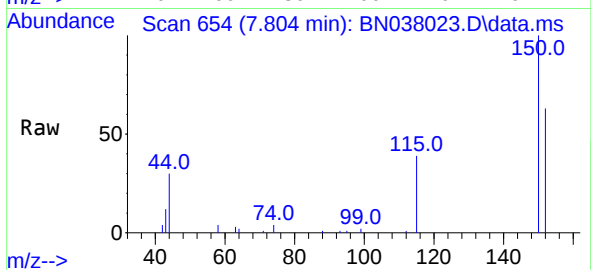
Quant Time: Oct 07 01:54:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



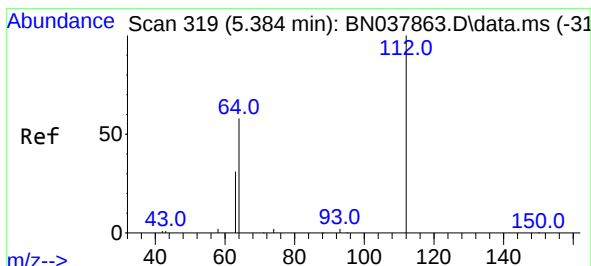
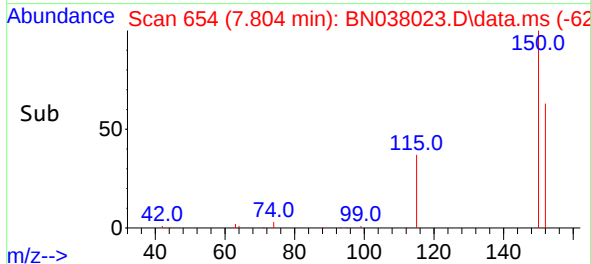
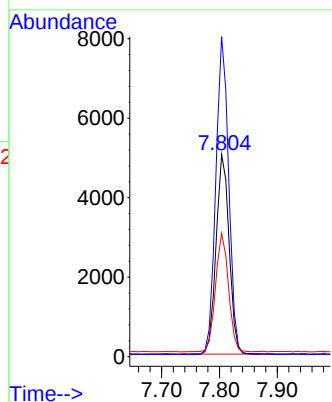


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

Instrument :
BNA_N
ClientSampleId :
PB169904BL

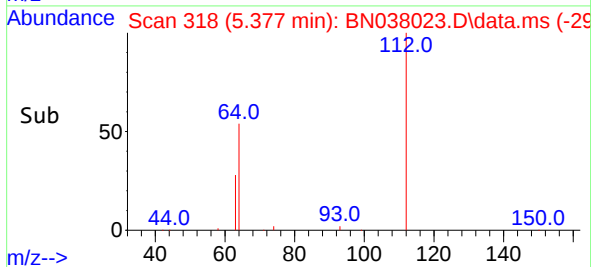
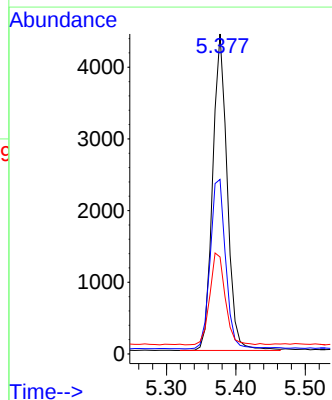
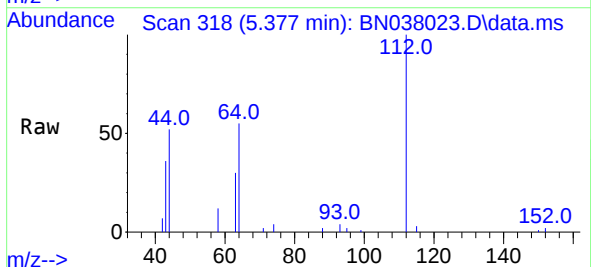


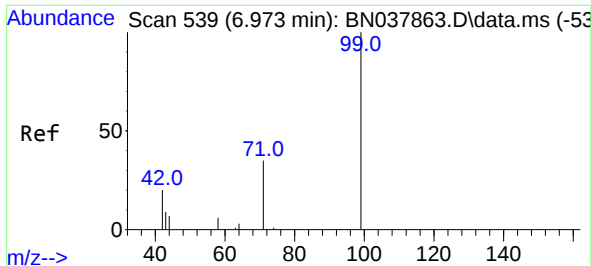
Tgt Ion:152 Resp: 7850
Ion Ratio Lower Upper
152 100
150 158.3 121.0 181.4
115 61.0 47.4 71.0



#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

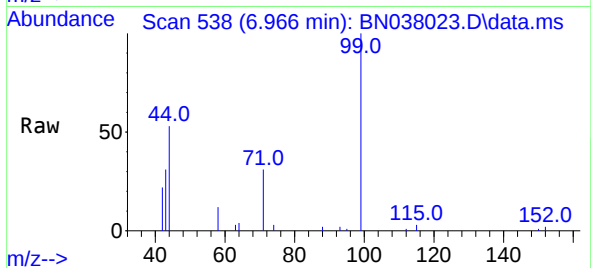
Tgt Ion:112 Resp: 6434
Ion Ratio Lower Upper
112 100
64 57.3 44.6 66.8
63 30.5 24.9 37.3





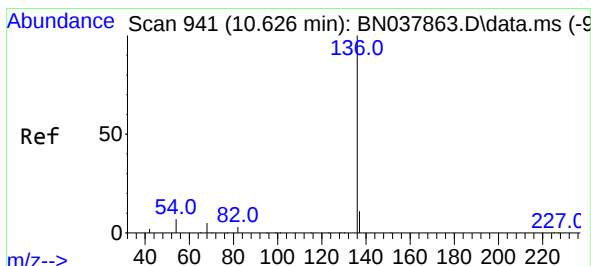
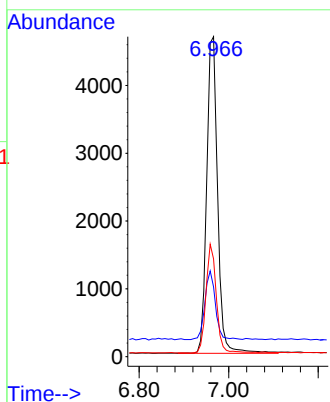
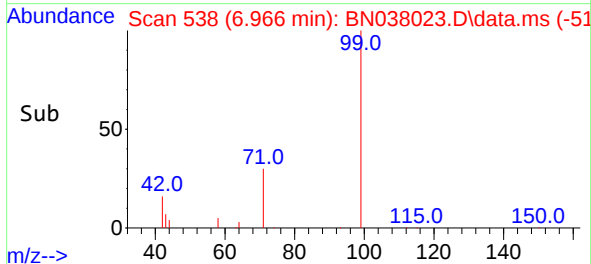
#5
Phenol-d6
Concen: 0.335 ng
RT: 6.966 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

Instrument :
BNA_N
ClientSampleId :
PB169904BL

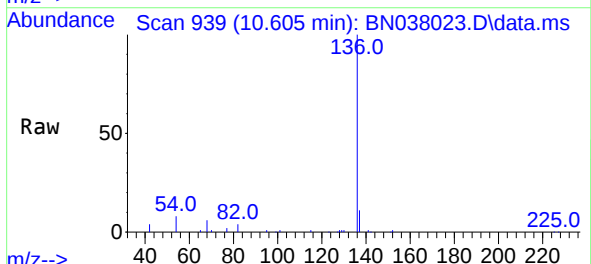


Tgt Ion: 99 Resp: 7875

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.2	25.8
71	32.7	27.3	40.9

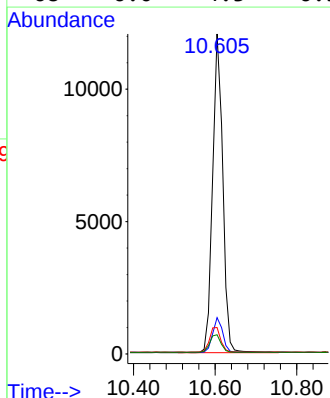
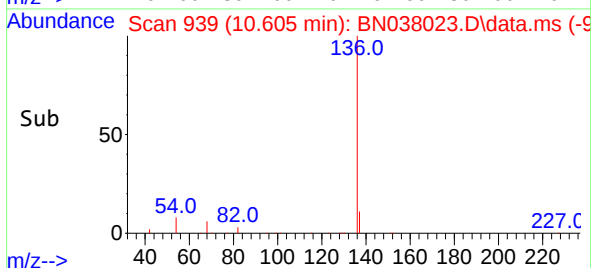


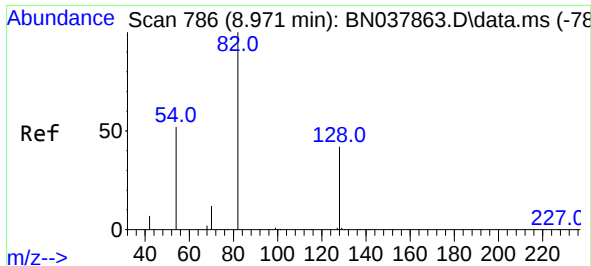
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08



Tgt Ion: 136 Resp: 20745

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.2	5.8	8.8
68	6.0	4.3	6.5

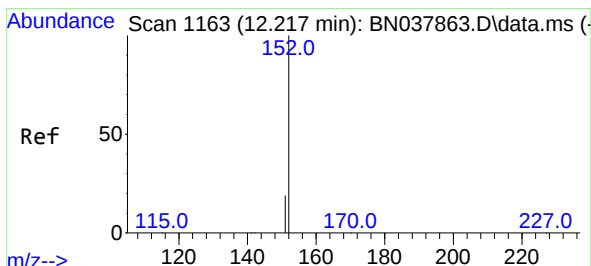
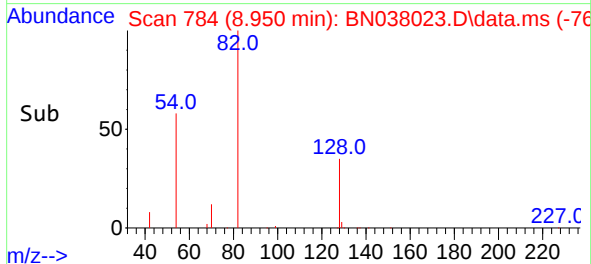
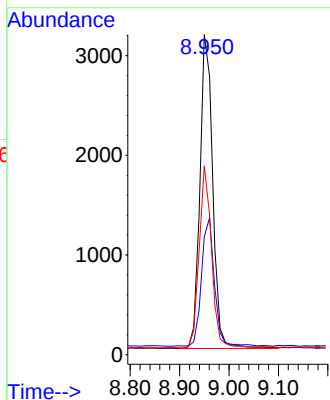
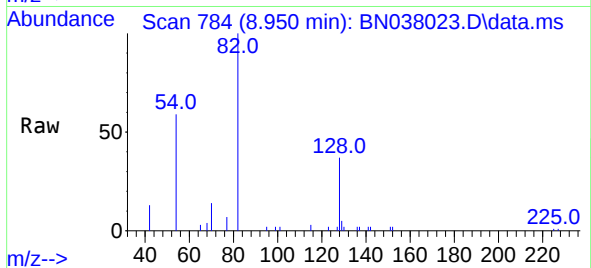




#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

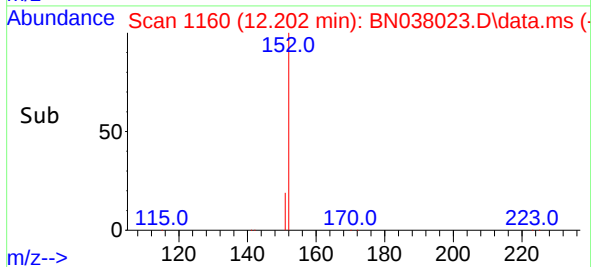
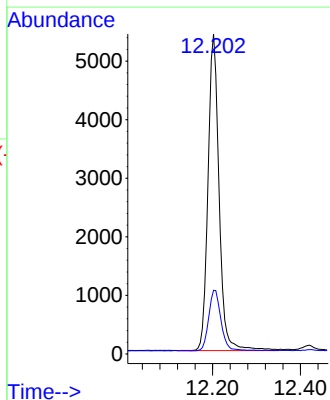
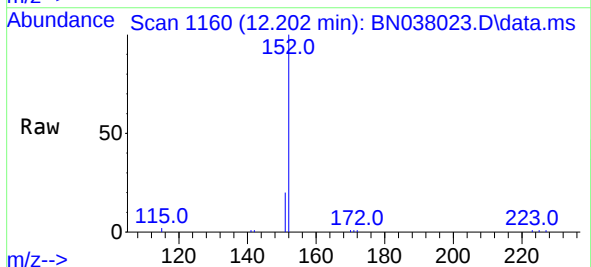
Instrument :
BNA_N
ClientSampleId :
PB169904BL

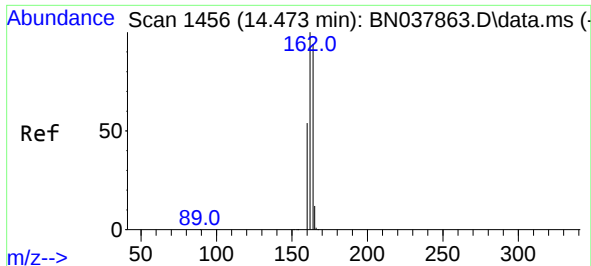
Tgt Ion: 82 Resp: 5676
Ion Ratio Lower Upper
82 100
128 36.9 34.8 52.2
54 59.0 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

Tgt Ion: 152 Resp: 9416
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2

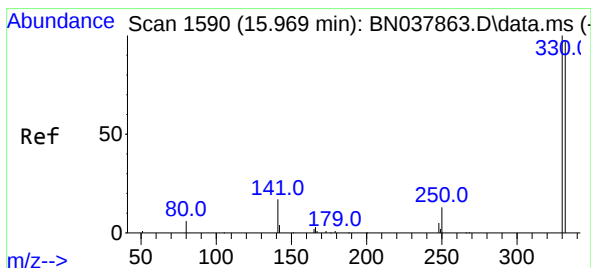
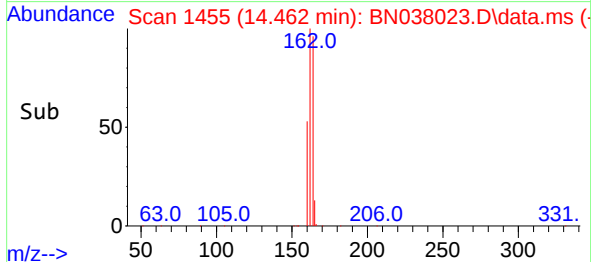
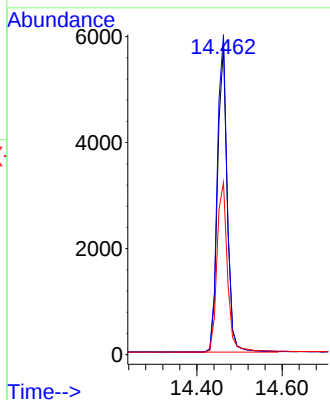
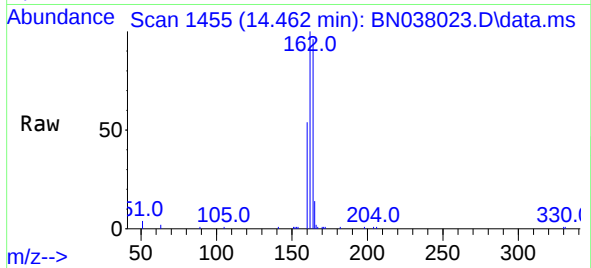




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

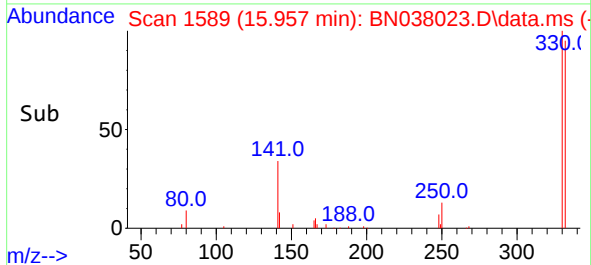
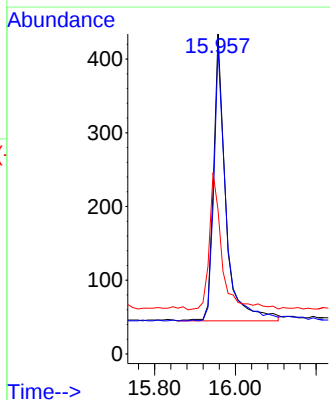
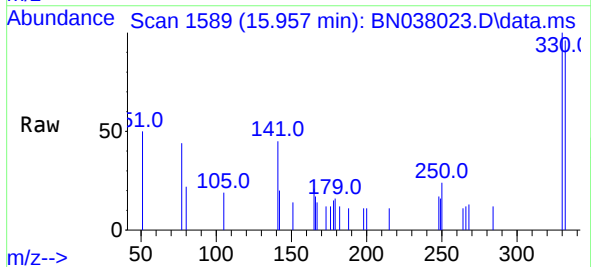
Instrument :
BNA_N
ClientSampleId :
PB169904BL

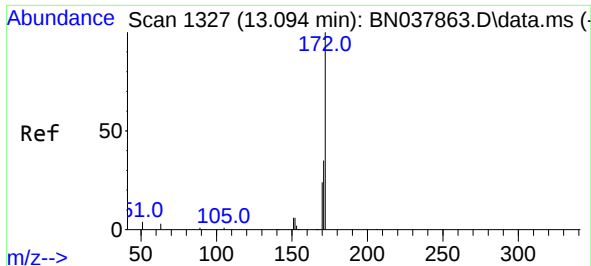
Tgt Ion:164 Resp: 9107
Ion Ratio Lower Upper
164 100
162 103.7 84.8 127.2
160 55.8 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

Tgt Ion:330 Resp: 816
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 49.5 37.2 55.8

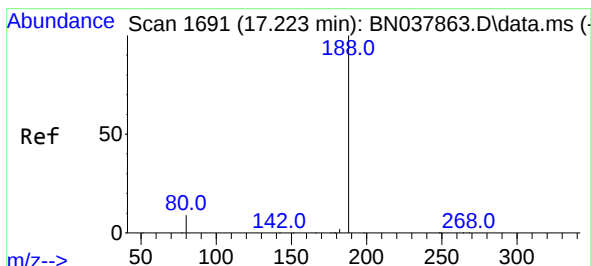
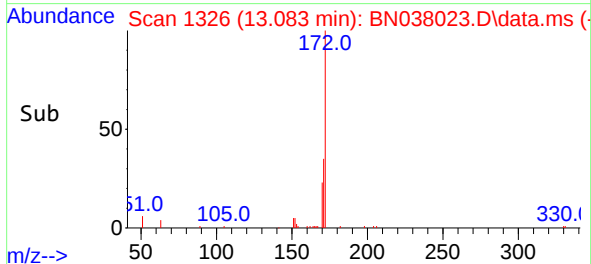
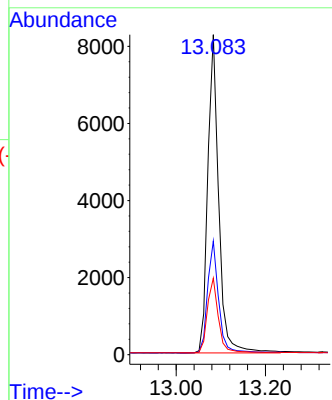
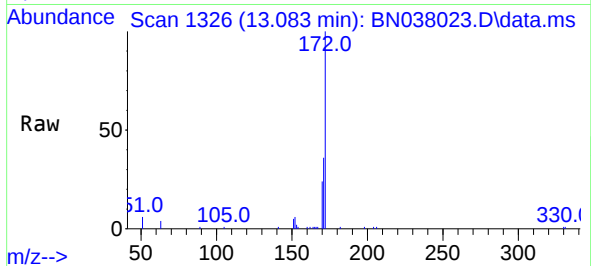




#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.083 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

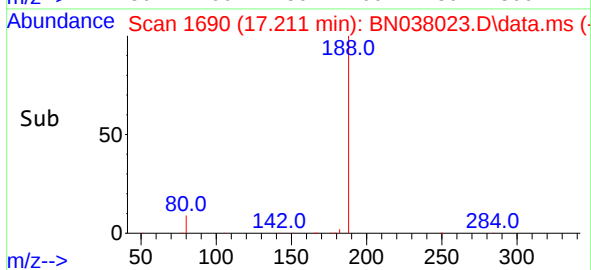
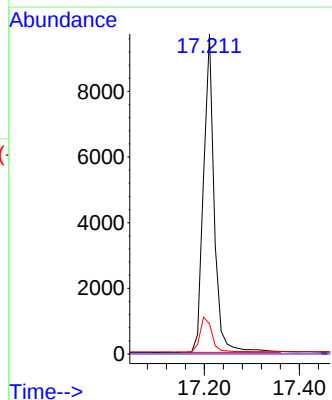
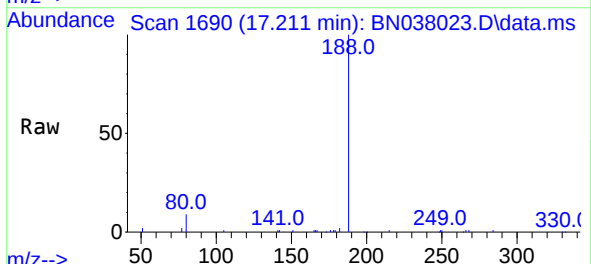
Instrument :
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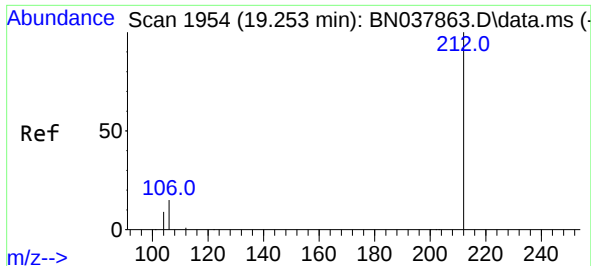
Tgt Ion:172 Resp: 13974
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

Tgt Ion:188 Resp: 15264
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.6 11.4

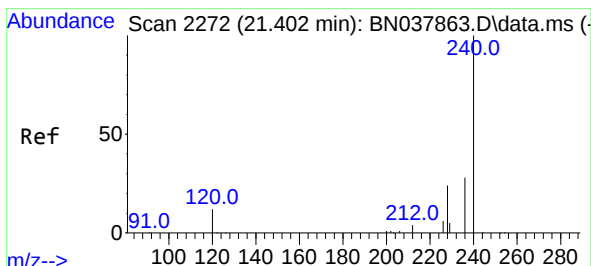
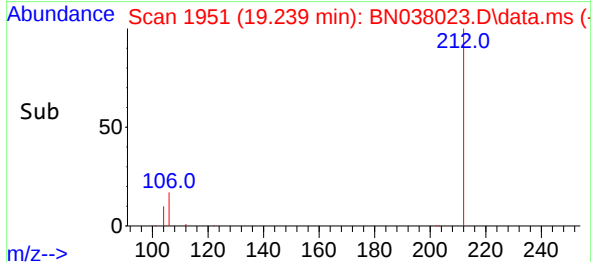
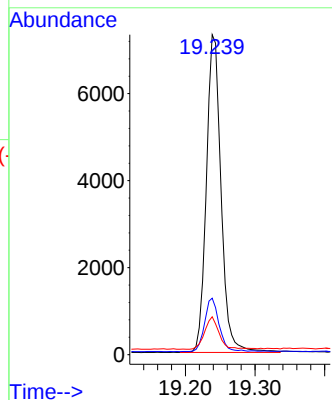
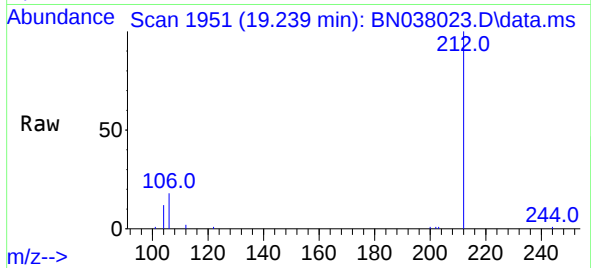




#27
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

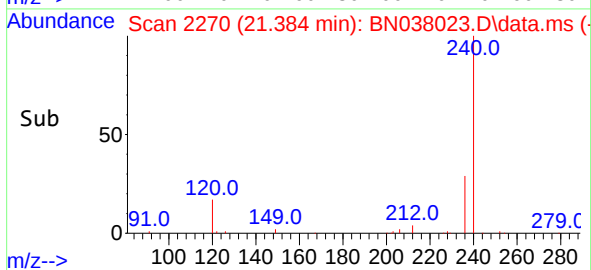
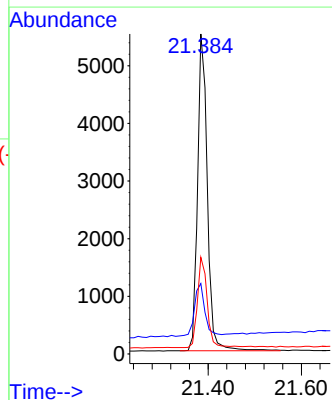
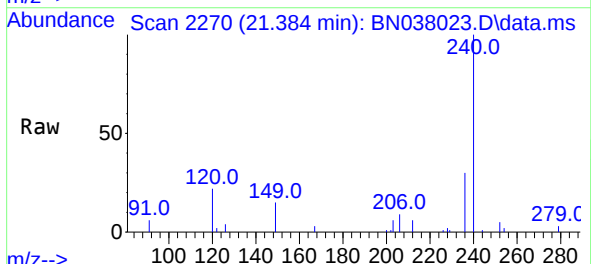
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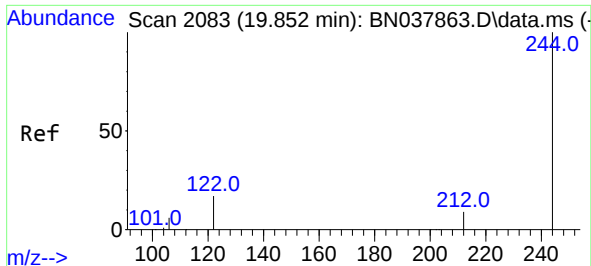
Tgt Ion:212 Resp: 10714
Ion Ratio Lower Upper
212 100
106 16.7 12.6 19.0
104 10.2 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

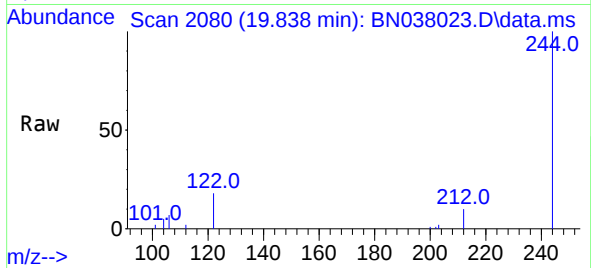
Tgt Ion:240 Resp: 8024
Ion Ratio Lower Upper
240 100
120 22.0 11.4 17.2#
236 30.2 23.0 34.6





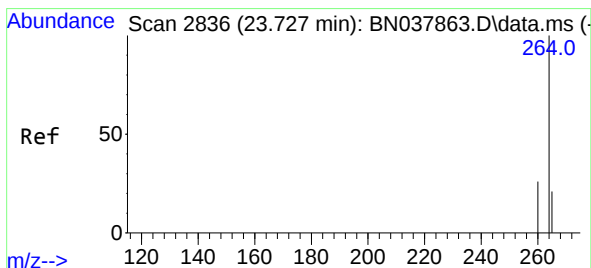
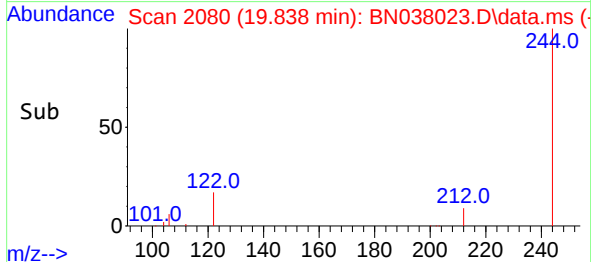
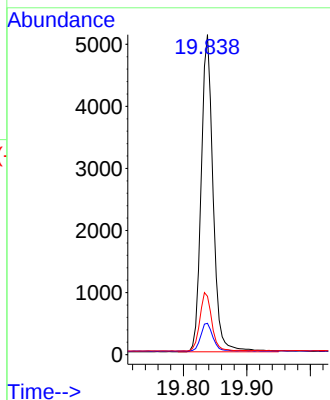
#31
Terphenyl-d14
Concen: 0.417 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

Instrument :
BNA_N
ClientSampleId :
PB169904BL



Tgt Ion:244 Resp: 6667

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.6	11.4
122	18.2	13.9	20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.706 min Scan# 2829
Delta R.T. -0.021 min
Lab File: BN038023.D
Acq: 07 Oct 2025 00:08

Tgt Ion:264 Resp: 7902

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.5	32.3
265	123.9	53.8	80.6

