

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
 Data File : BN038199.D
 Acq On : 13 Nov 2025 12:50
 Operator : RC/JU
 Sample : PB170483BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170483BL

Quant Time: Nov 13 13:53:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

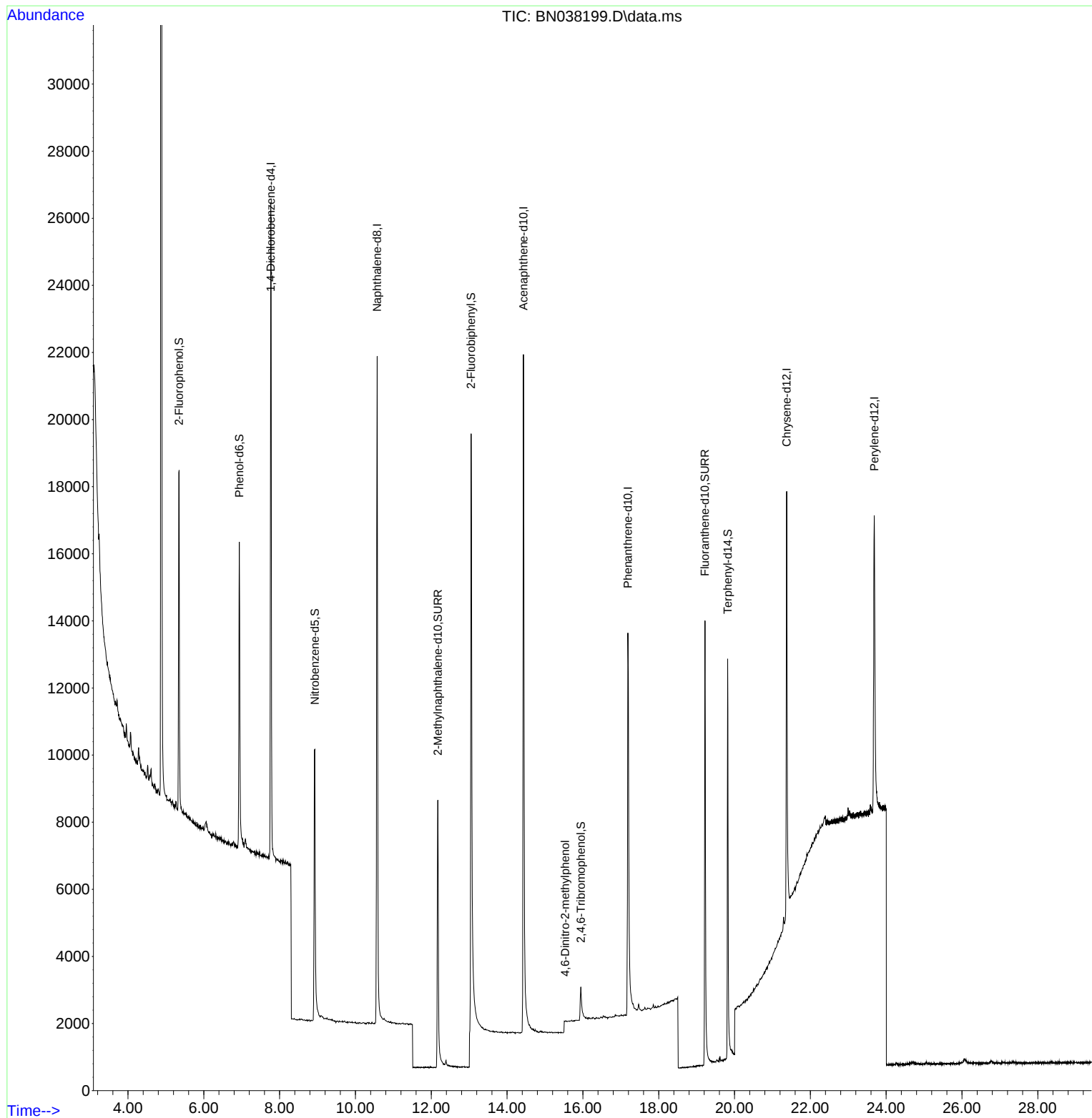
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	10132	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29256	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	15089	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	24264	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	14769	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	15495	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	8893	0.373	ng	0.00
5) Phenol-d6	6.937	99	9954	0.342	ng	0.00
8) Nitrobenzene-d5	8.929	82	8515	0.361	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	14044	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	1011	0.163	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	23093	0.382	ng	0.00
27) Fluoranthene-d10	19.220	212	18438	0.301	ng	0.00
31) Terphenyl-d14	19.819	244	14004	0.436	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.535	198	11	0.186	ng	# 1

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

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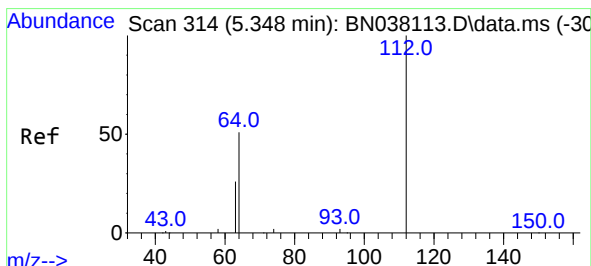
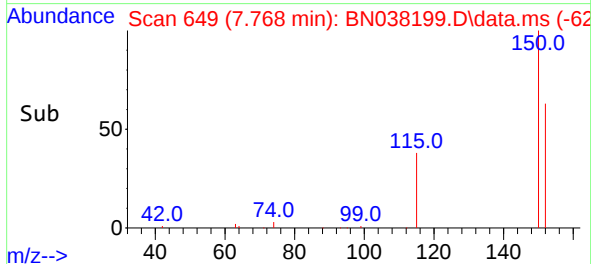
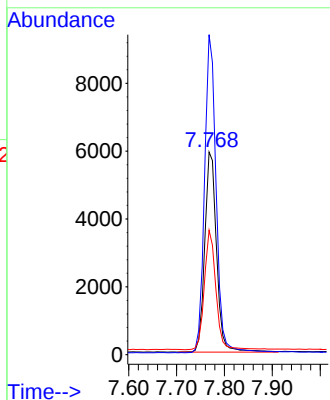
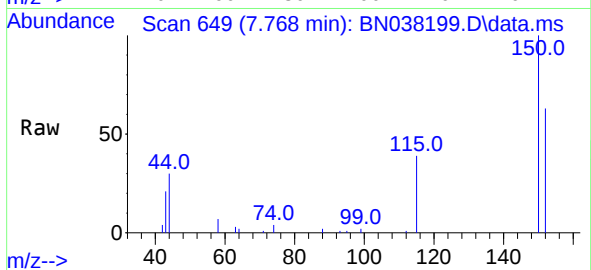




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.007 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

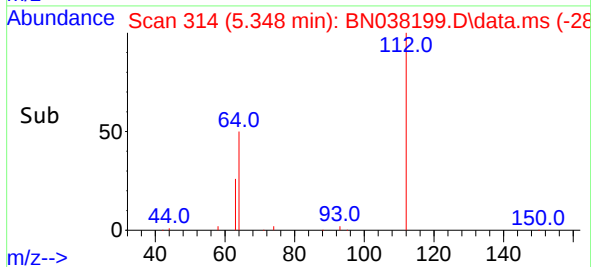
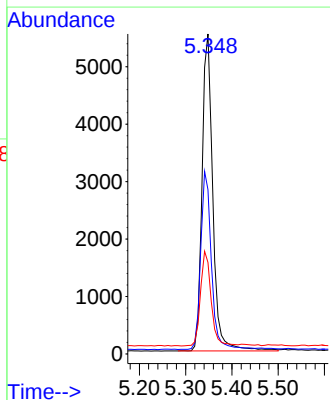
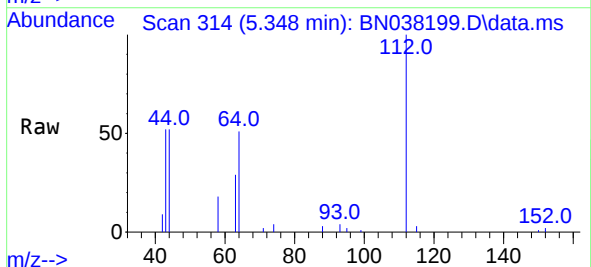
Instrument :
BNA_N
ClientSampleId :
PB170483BL

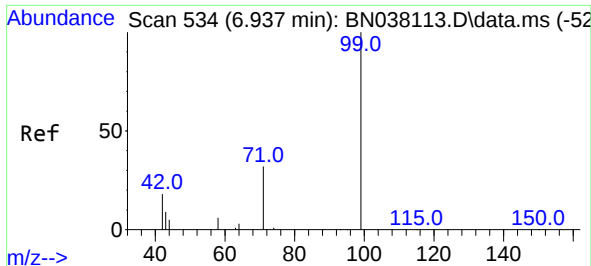
Tgt Ion:152 Resp: 10132
Ion Ratio Lower Upper
152 100
150 157.8 122.3 183.5
115 61.4 47.4 71.0



#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

Tgt Ion:112 Resp: 8893
Ion Ratio Lower Upper
112 100
64 56.0 45.4 68.0
63 29.6 23.2 34.8

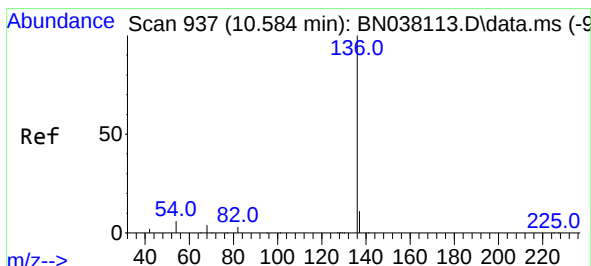
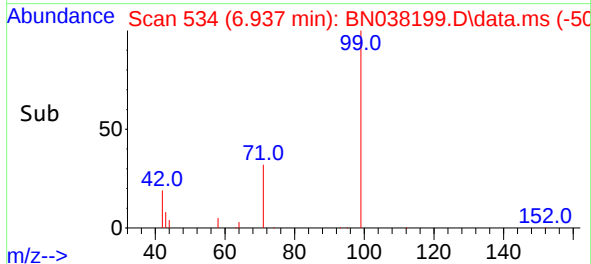
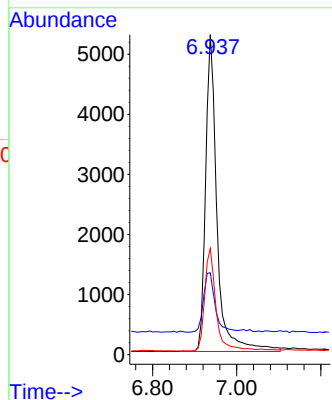
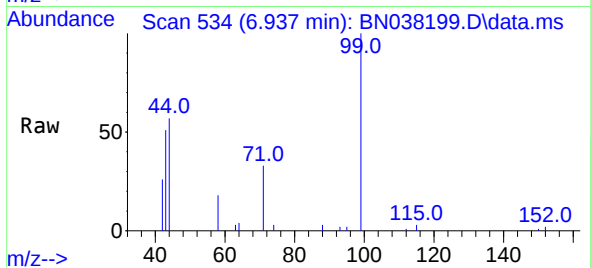




#5
Phenol-d6
Concen: 0.342 ng
RT: 6.937 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

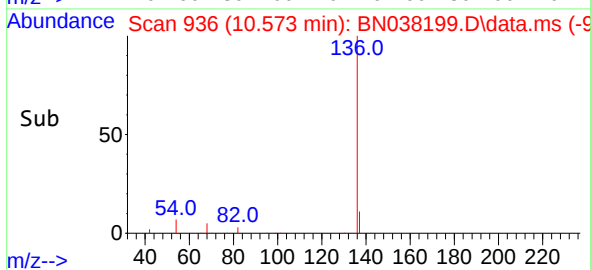
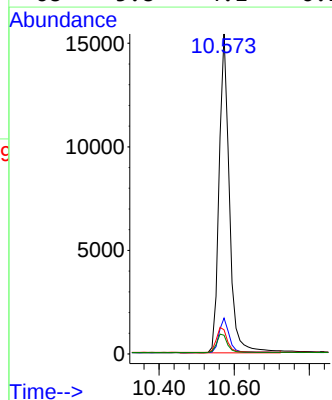
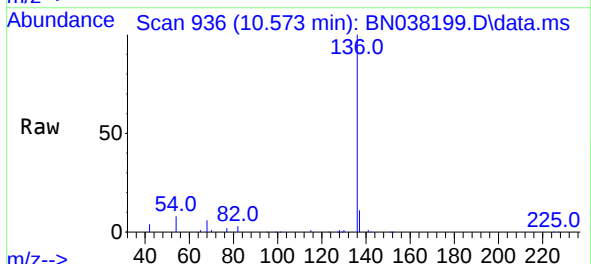
Instrument :
BNA_N
ClientSampleId :
PB170483BL

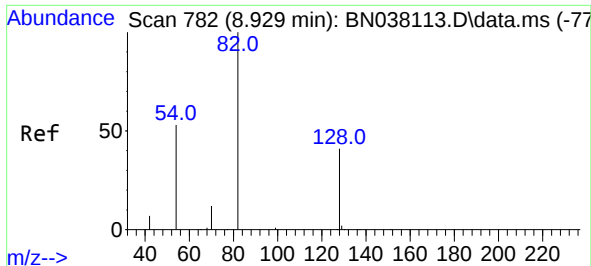
Tgt Ion:	99	Resp:	9954
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.6	24.8
71	31.8	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

Tgt Ion:	136	Resp:	29256
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.5	5.2	7.8
68	5.8	4.1	6.1

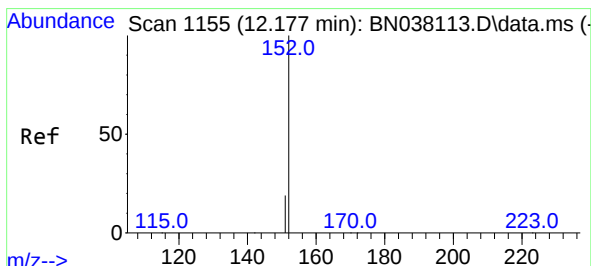
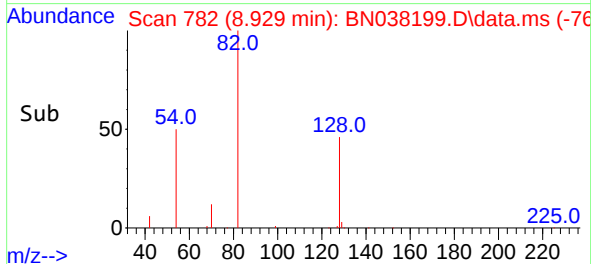
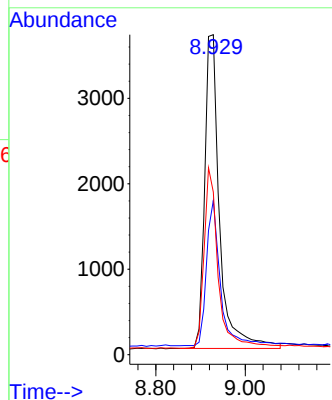
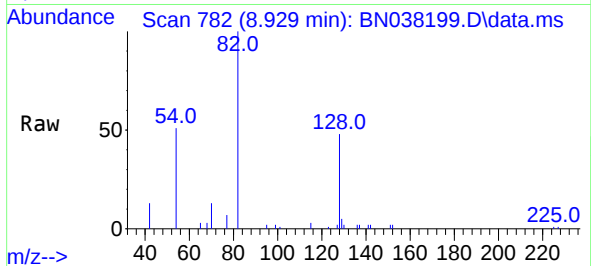




#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

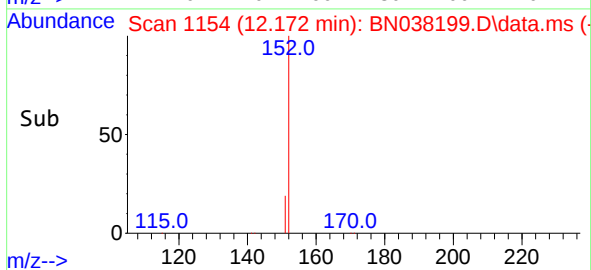
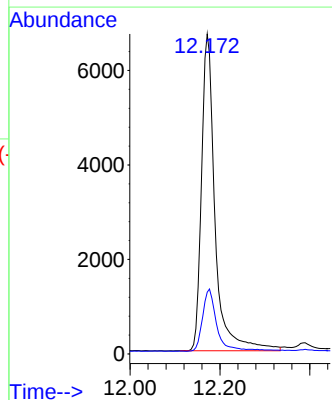
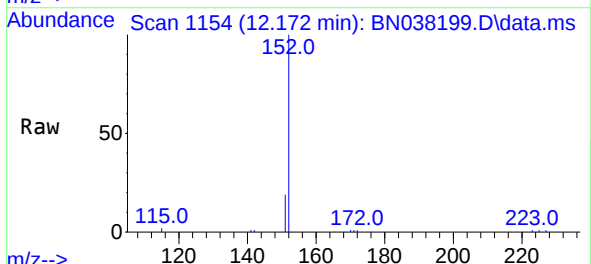
Instrument :
BNA_N
ClientSampleId :
PB170483BL

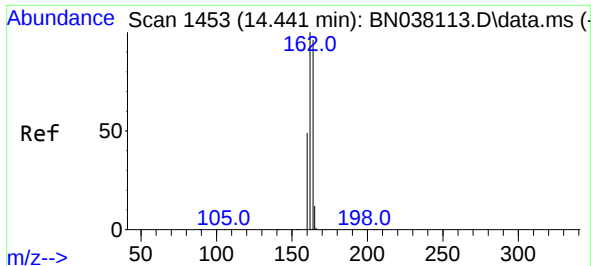
Tgt Ion: 82 Resp: 8515
Ion Ratio Lower Upper
82 100
128 48.2 34.1 51.1
54 50.8 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

Tgt Ion: 152 Resp: 14044
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2

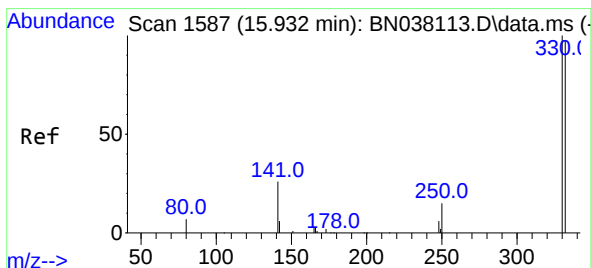
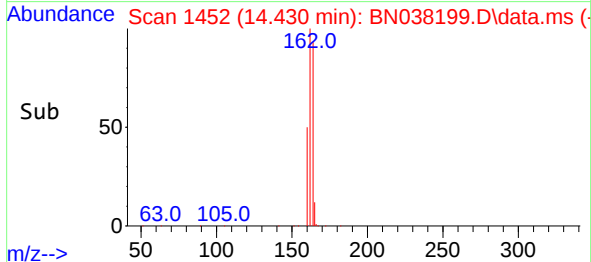
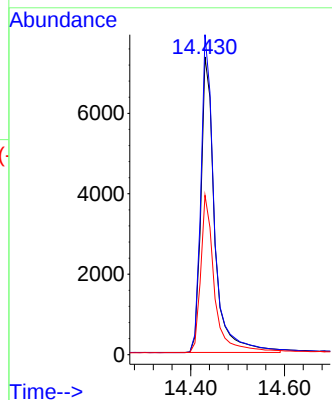
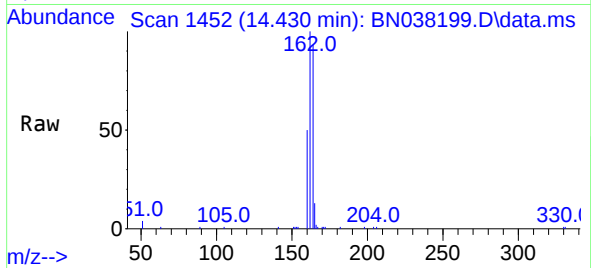




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

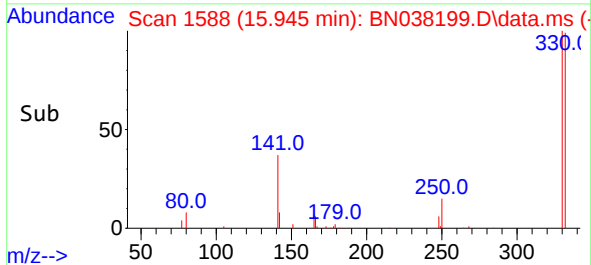
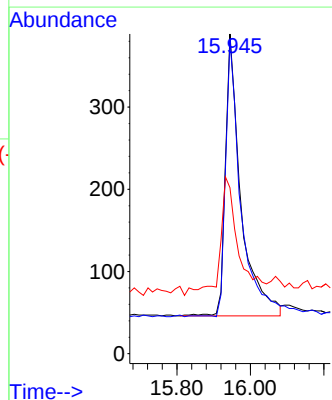
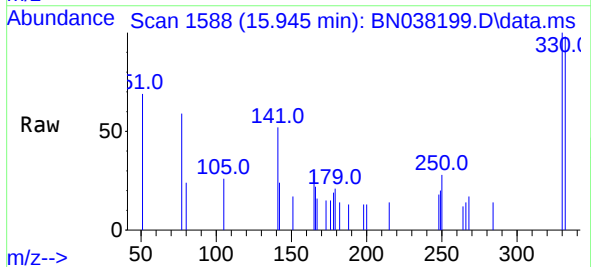
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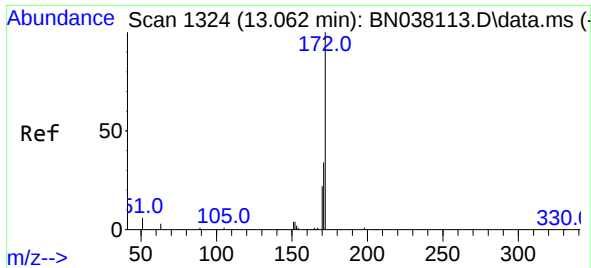
Tgt Ion:164 Resp: 15089
Ion Ratio Lower Upper
164 100
162 107.5 83.0 124.4
160 53.5 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.163 ng
RT: 15.945 min Scan# 1588
Delta R.T. 0.013 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

Tgt Ion:330 Resp: 1011
Ion Ratio Lower Upper
330 100
332 95.4 76.6 114.8
141 49.3 34.1 51.1

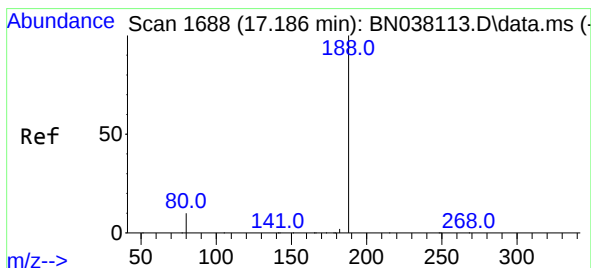
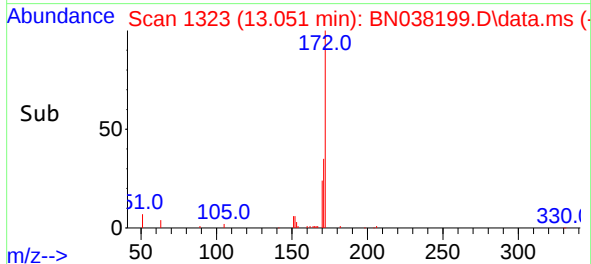
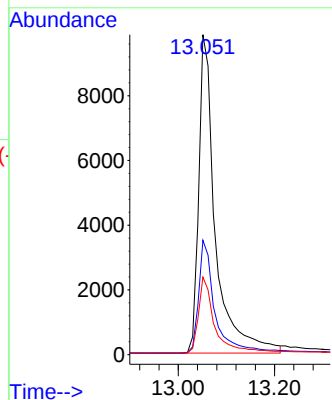
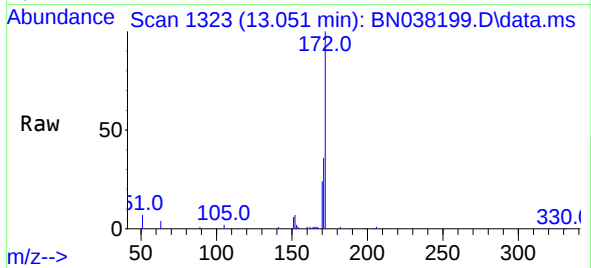




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

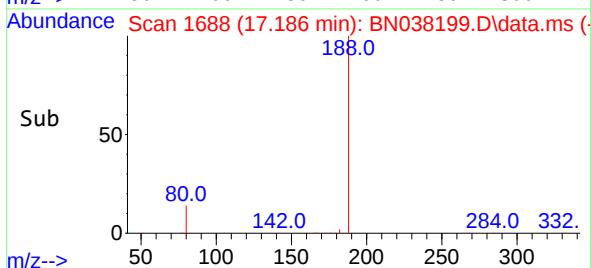
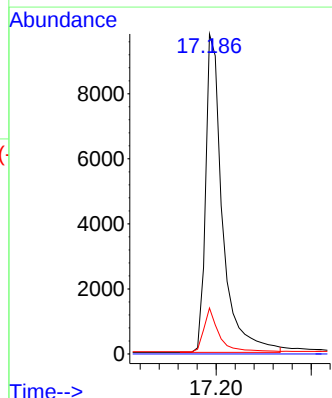
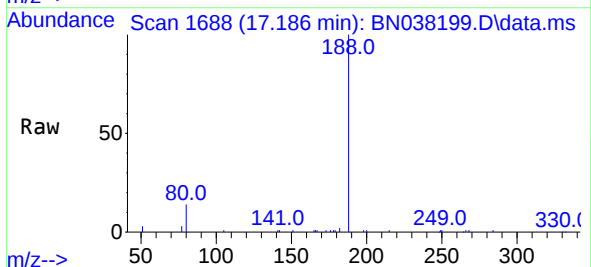
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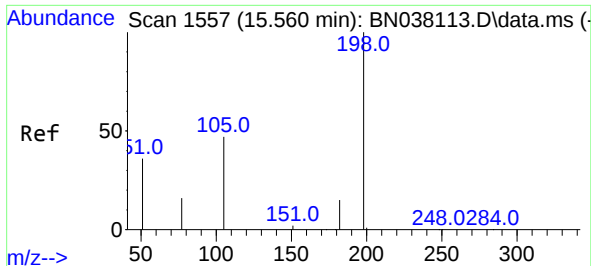
Tgt Ion:	172	Resp:	23093
Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	24.3	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

Tgt Ion:	188	Resp:	24264
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	8.6	13.0

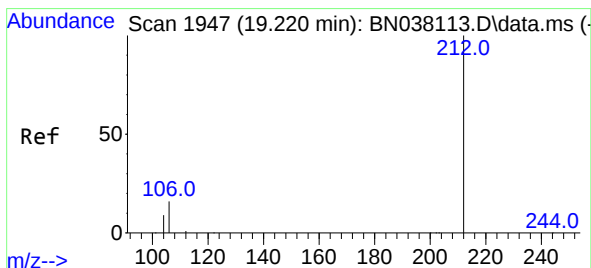
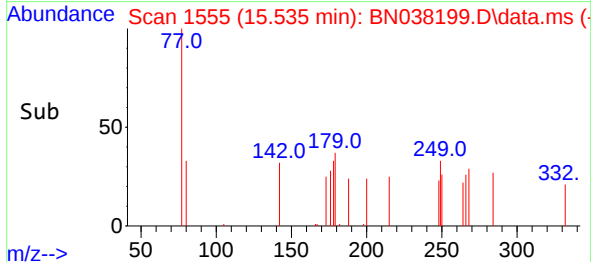
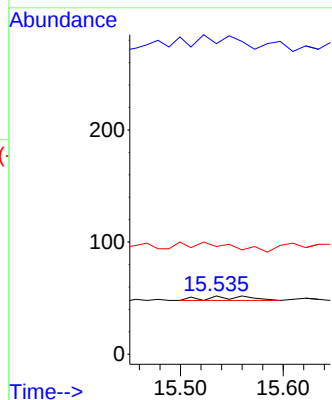
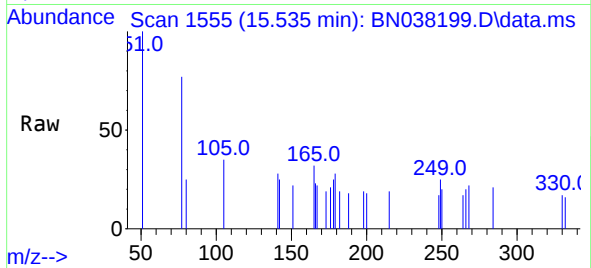




#20
4,6-Dinitro-2-methylphenol
Concen: 0.186 ng
RT: 15.535 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

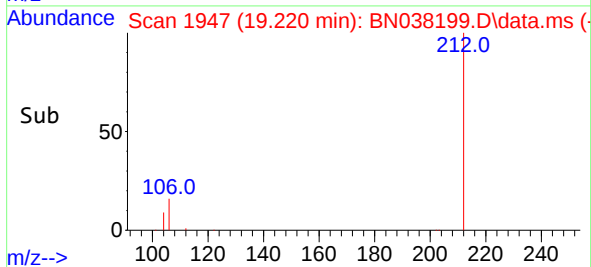
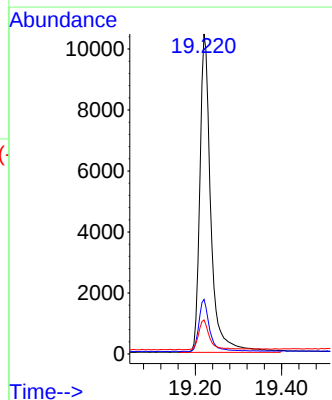
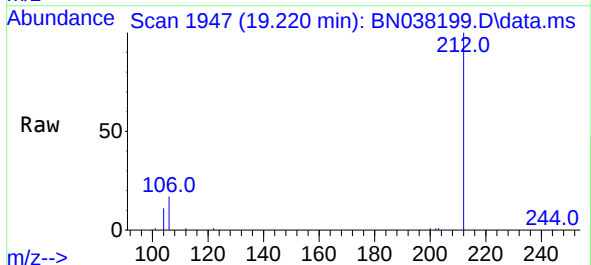
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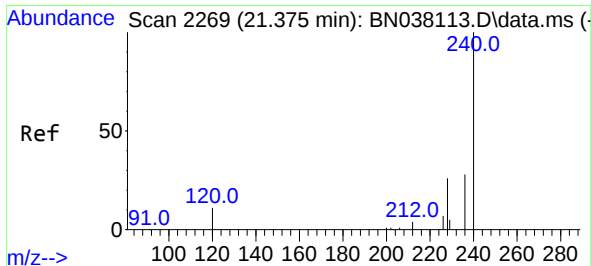
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 532.7 88.9 133.3#
105 184.6 49.2 73.8#



#27
Fluoranthene-d10
Concen: 0.301 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

Tgt Ion:212 Resp: 18438
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.5 7.1 10.7

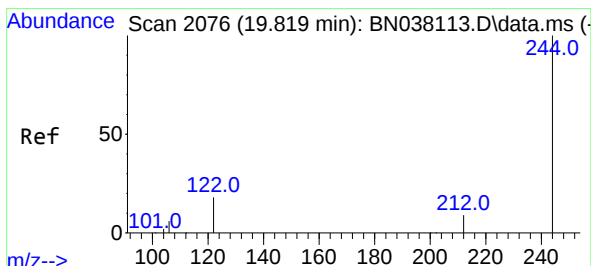
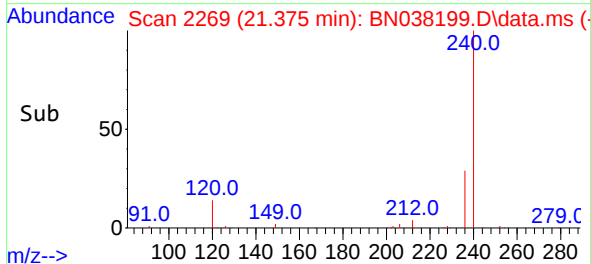
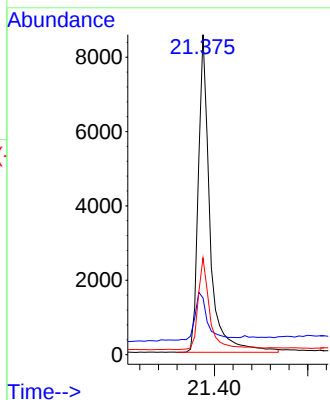
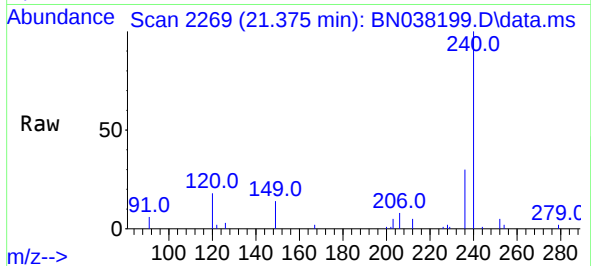




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

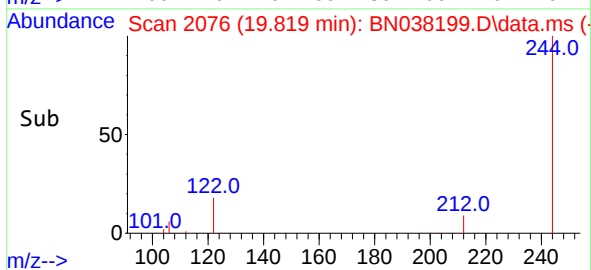
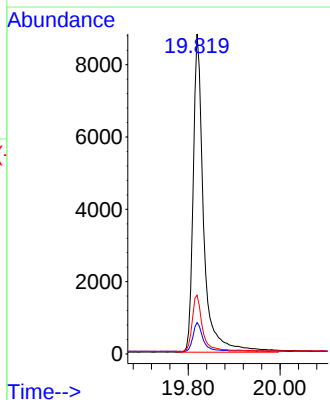
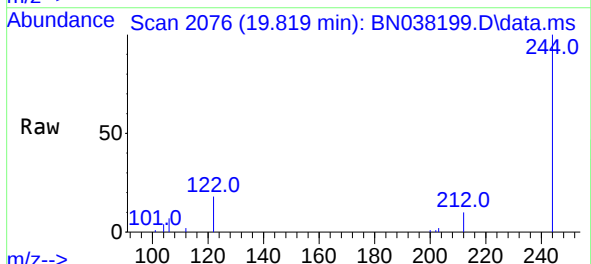
Instrument :
BNA_N
ClientSampleId :
PB170483BL

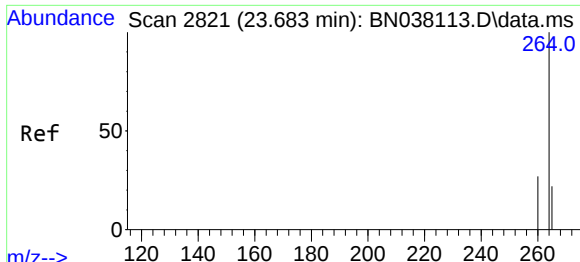
Tgt Ion:240 Resp: 14769
Ion Ratio Lower Upper
240 100
120 17.7 10.7 16.1#
236 30.2 23.1 34.7



#31
Terphenyl-d14
Concen: 0.436 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038199.D
Acq: 13 Nov 2025 12:50

Tgt Ion:244 Resp: 14004
Ion Ratio Lower Upper
244 100
212 9.8 7.8 11.6
122 18.3 15.2 22.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.686 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN038199.D
 Acq: 13 Nov 2025 12:50

Instrument :
 BNA_N
 ClientSampleId :
 PB170483BL

Tgt Ion:264 Resp: 15495

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.8	32.8
265	109.5	68.6	102.8

