

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038235.D
 Acq On : 01 Dec 2025 20:53
 Operator : RC/JU
 Sample : Q3618-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 02 01:09:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

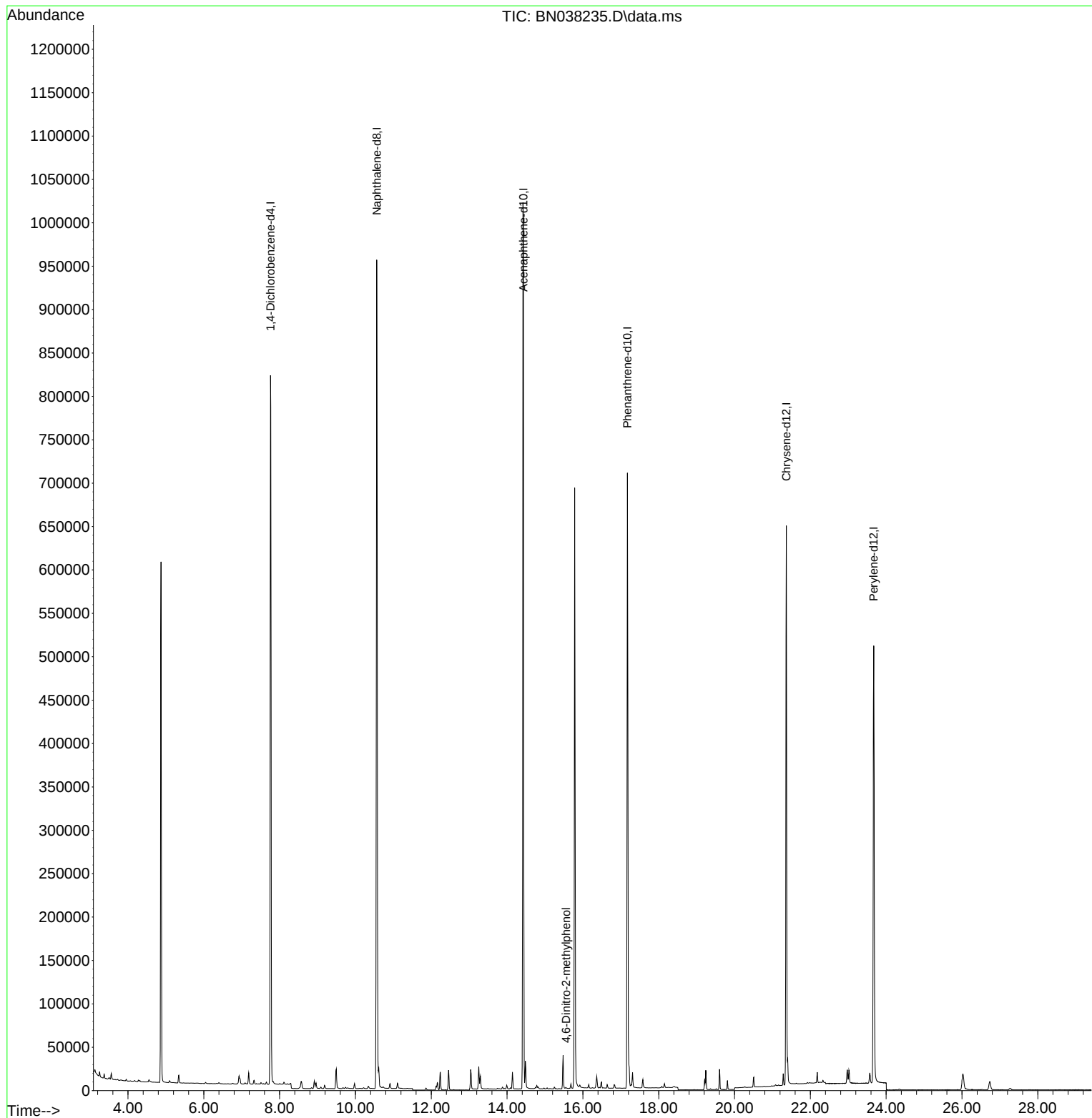
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	411698	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	1239074	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	634558	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	924185	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	590927	0.400	ng	# 0.00
35) Perylene-d12	23.671	264	671792	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	7235	0.008	ng	0.00
5) Phenol-d6	6.930	99	8920	0.007	ng	0.00
8) Nitrobenzene-d5	8.918	82	7229	0.007	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	12636	0.007	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1378	0.007	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	19101	0.008	ng	-0.01
27) Fluoranthene-d10	19.211	212	13363	0.007	ng	0.00
31) Terphenyl-d14	19.815	244	10068	0.007	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.560	198	876	0.181	ng	Qvalue # 29

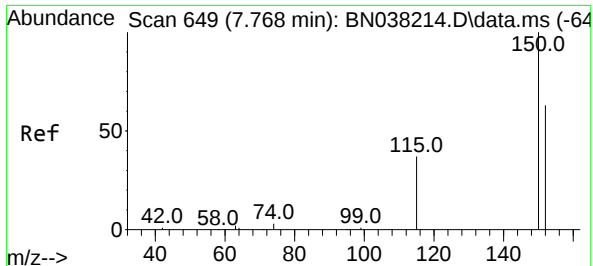
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038235.D
Acq On : 01 Dec 2025 20:53
Operator : RC/JU
Sample : Q3618-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

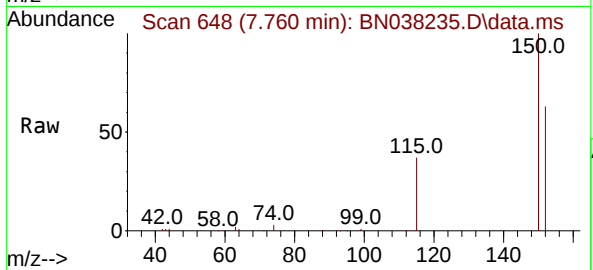
Quant Time: Dec 02 01:09:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
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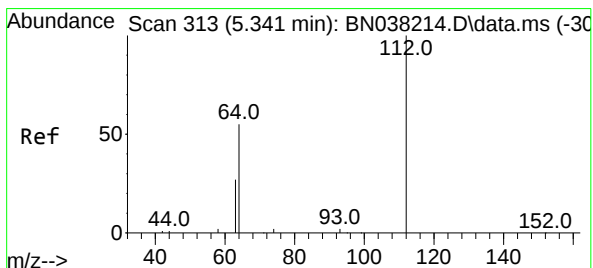
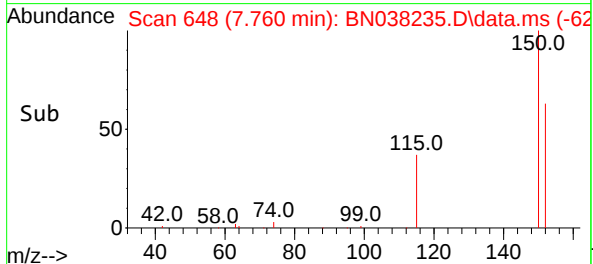
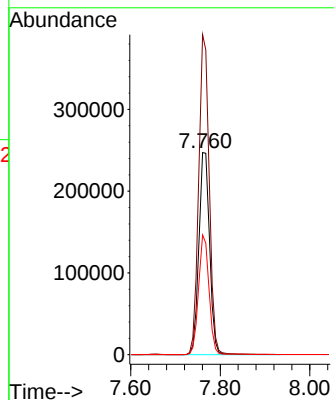


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.760 min Scan# 649
Delta R.T. -0.008 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

Instrument :
BNA_N
ClientSampleId :

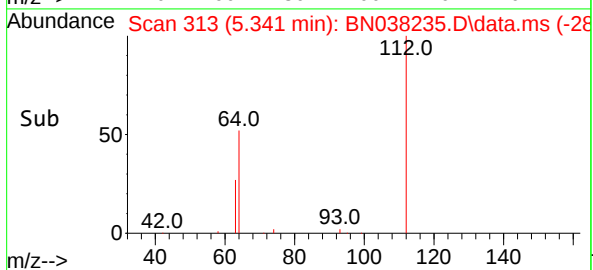
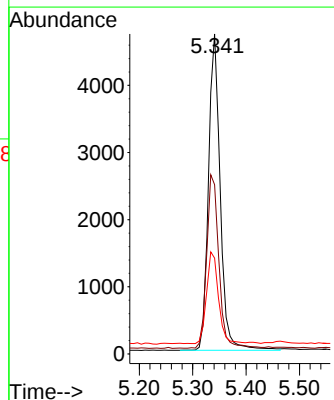
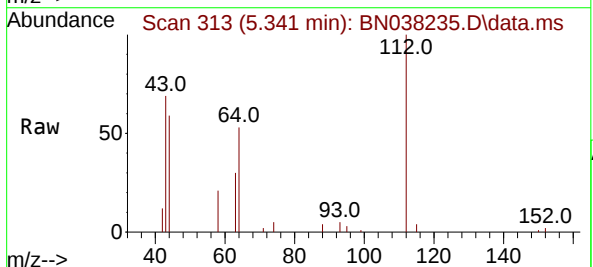


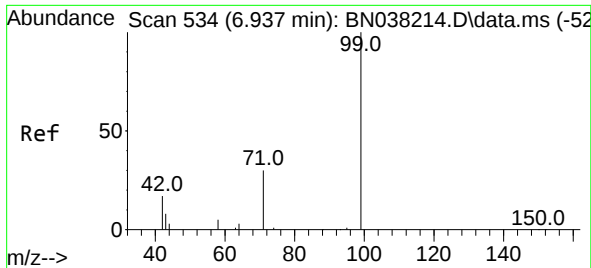
Tgt Ion:152 Resp: 411698
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 59.3 49.0 73.4



#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

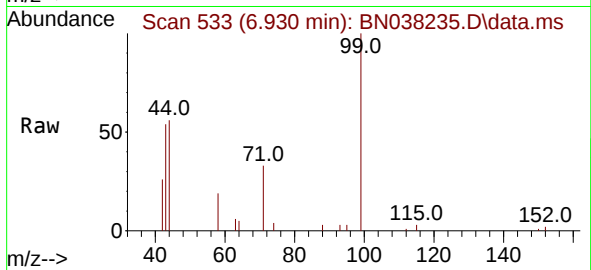
Tgt Ion:112 Resp: 7235
Ion Ratio Lower Upper
112 100
64 56.7 45.0 67.4
63 29.2 23.2 34.8



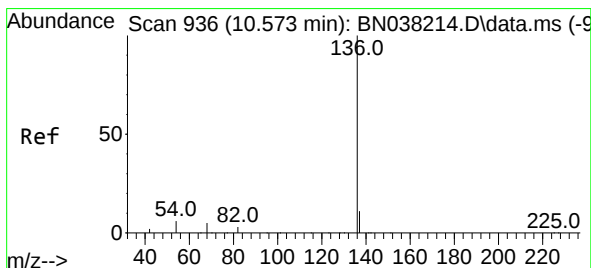
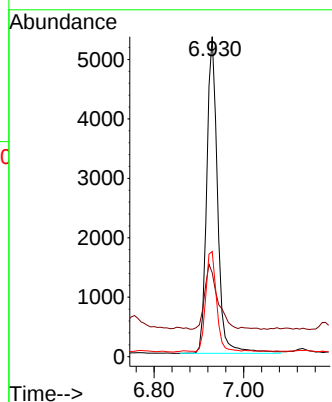
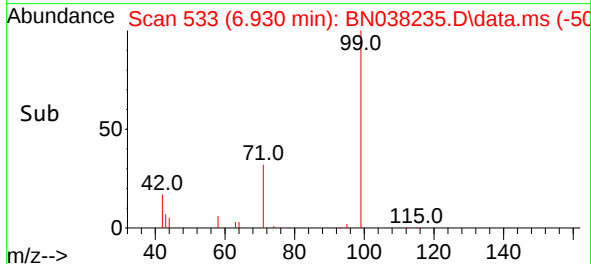


#5
Phenol-d6
Concen: 0.007 ng
RT: 6.930 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

Instrument :
BNA_N
ClientSampleId :

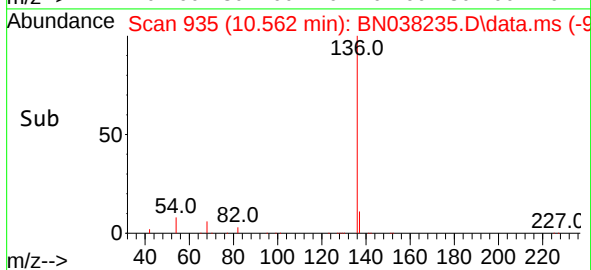
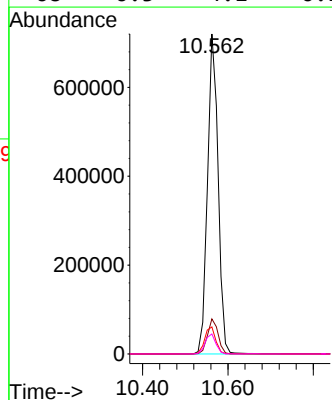
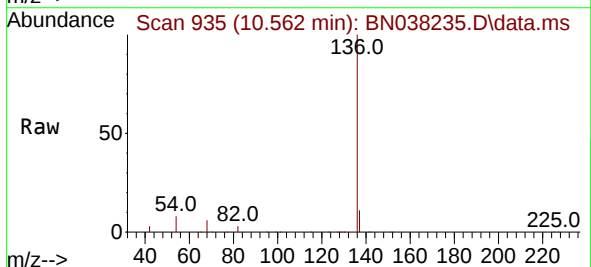


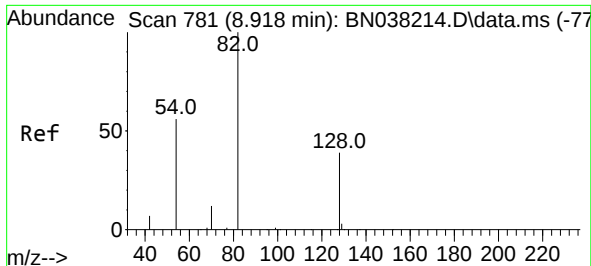
Tgt Ion:	99	Resp:	8920
Ion	Ratio	Lower	Upper
99	100		
42	24.6	17.0	25.6
71	31.2	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

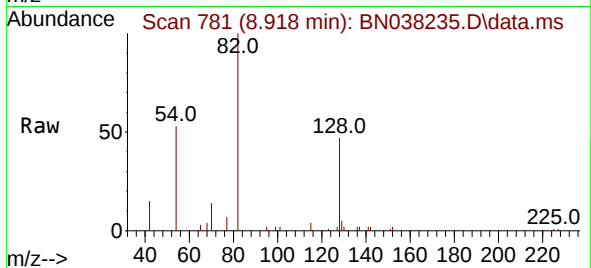
Tgt Ion:	136	Resp:	1239074
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	5.4	8.0#
68	6.3	4.1	6.1#



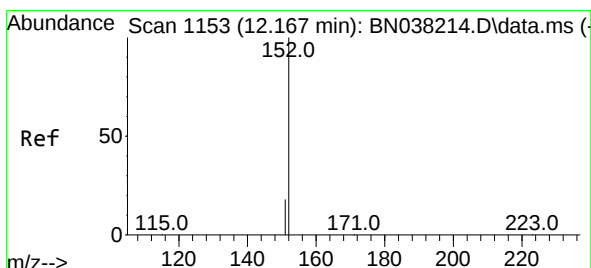
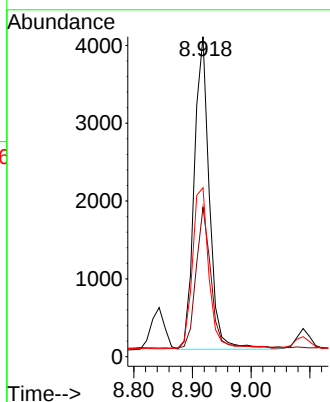
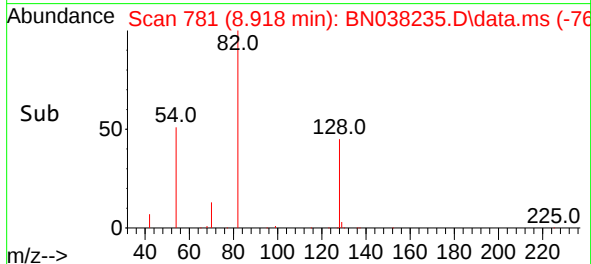


#8
Nitrobenzene-d5
Concen: 0.007 ng
RT: 8.918 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

Instrument :
BNA_N
ClientSampleId :

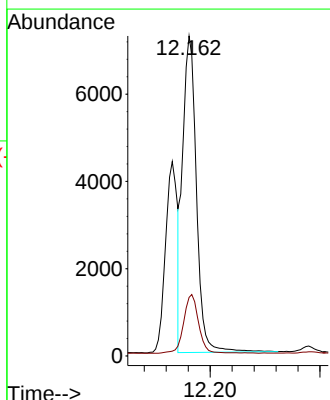
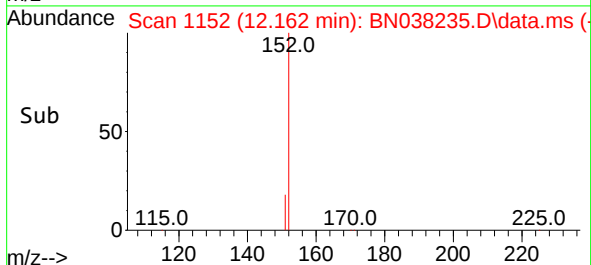
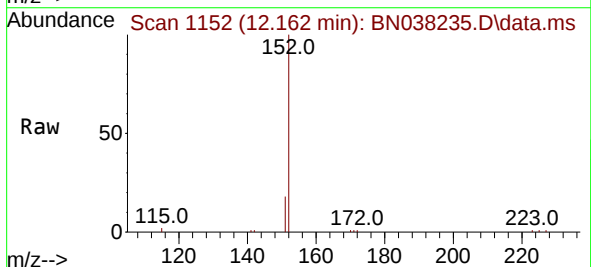


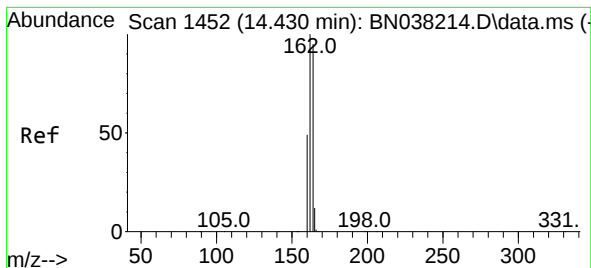
Tgt Ion: 82 Resp: 7229
Ion Ratio Lower Upper
82 100
128 46.7 32.6 48.8
54 52.8 45.4 68.0



#11
2-Methylnaphthalene-d10
Concen: 0.007 ng
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

Tgt Ion: 152 Resp: 12636
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BN038235.D

Acq: 01 Dec 2025 20:53

Instrument :

BNA_N

ClientSampleId :

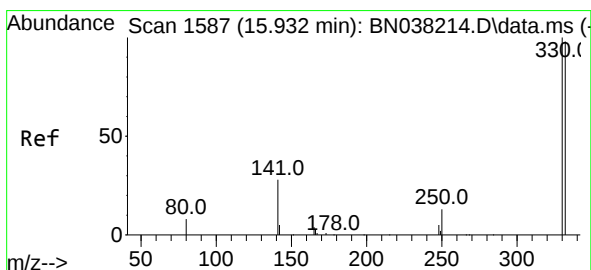
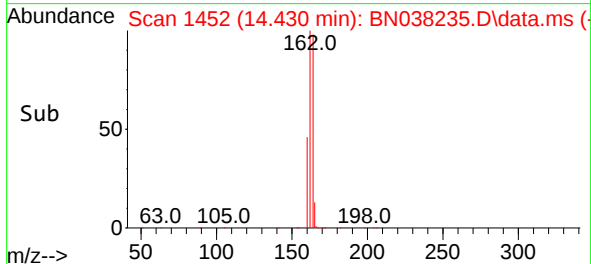
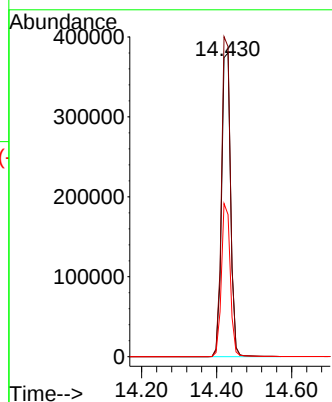
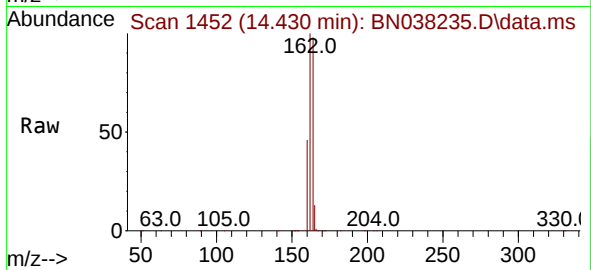
Tgt Ion:164 Resp: 634558

Ion Ratio Lower Upper

164 100

162 102.1 83.8 125.8

160 46.8 41.6 62.4



#14

2,4,6-Tribromophenol

Concen: 0.007 ng

RT: 15.920 min Scan# 1586

Delta R.T. -0.012 min

Lab File: BN038235.D

Acq: 01 Dec 2025 20:53

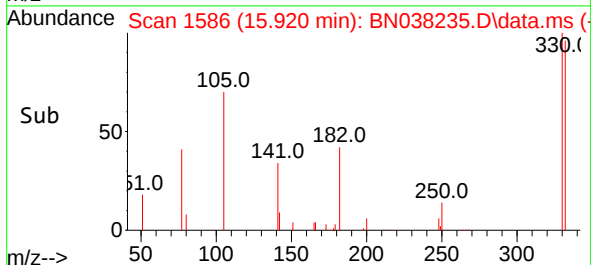
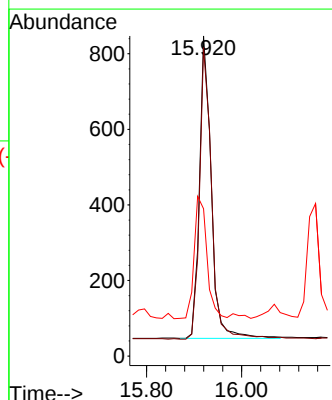
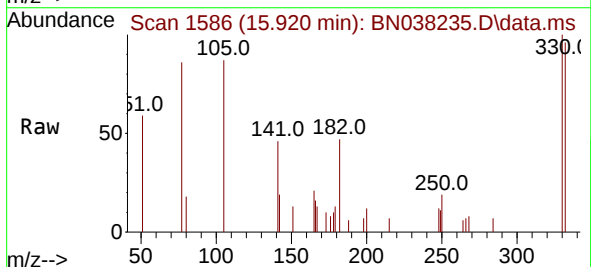
Tgt Ion:330 Resp: 1378

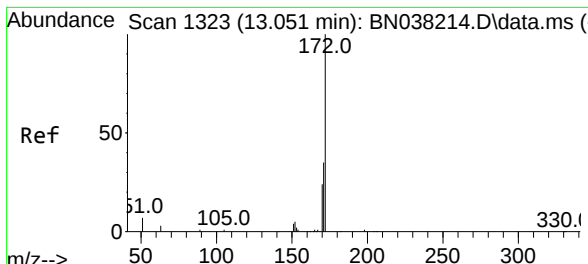
Ion Ratio Lower Upper

330 100

332 98.1 77.8 116.6

141 43.5 33.0 49.4

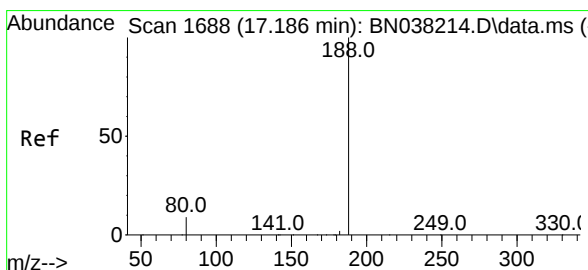
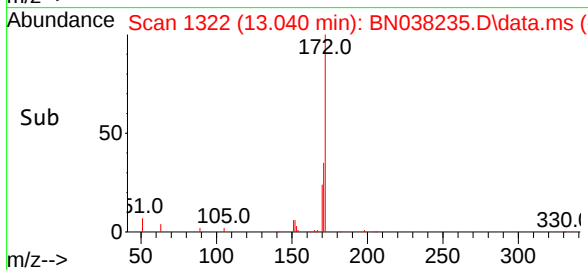
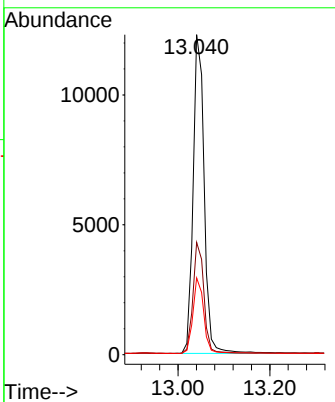
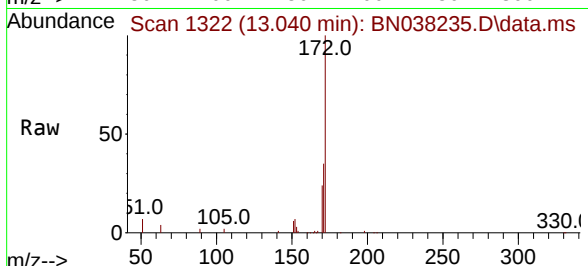




#15
 2-Fluorobiphenyl
 Concen: 0.008 ng
 RT: 13.040 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN038235.D
 Acq: 01 Dec 2025 20:53

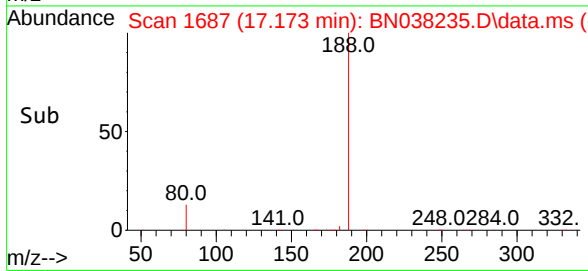
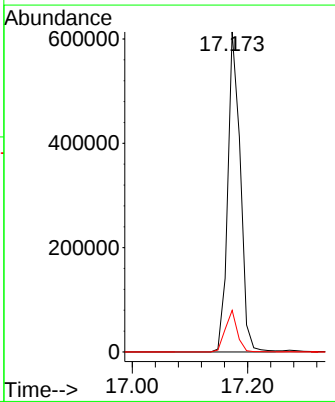
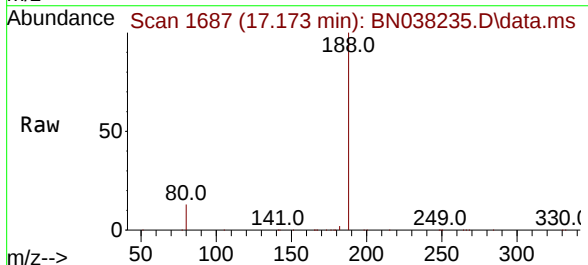
Instrument :
 BNA_N
 ClientSampleId :

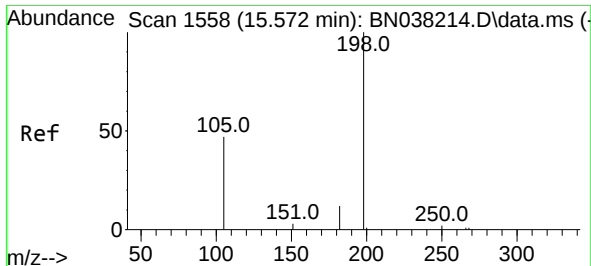
Tgt Ion:	172	Resp:	19101
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.1	42.1
170	24.0	19.1	28.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.173 min Scan# 1687
 Delta R.T. -0.012 min
 Lab File: BN038235.D
 Acq: 01 Dec 2025 20:53

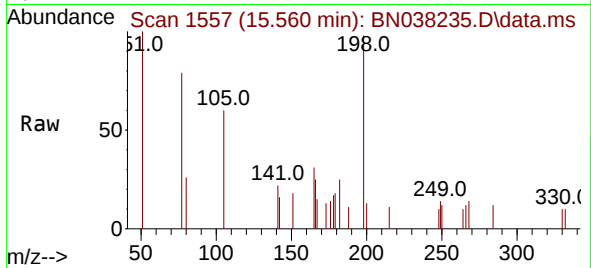
Tgt Ion:	188	Resp:	924185
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.0	7.7	11.5



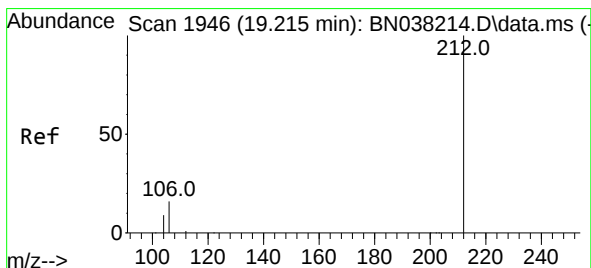
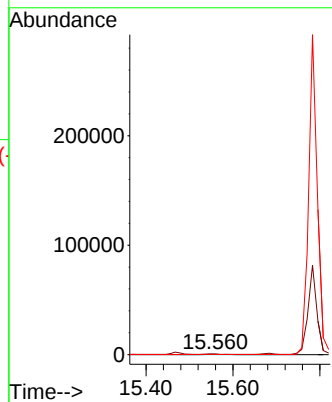
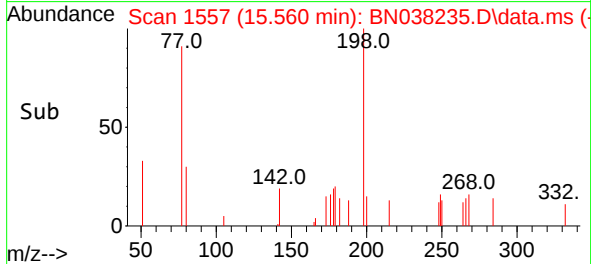


#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

Instrument :
BNA_N
ClientSampleId :

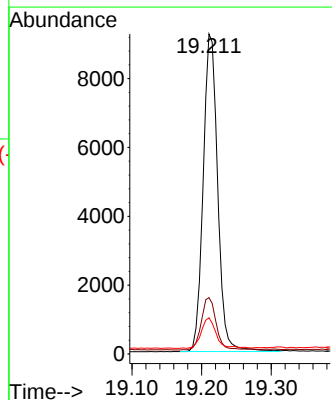
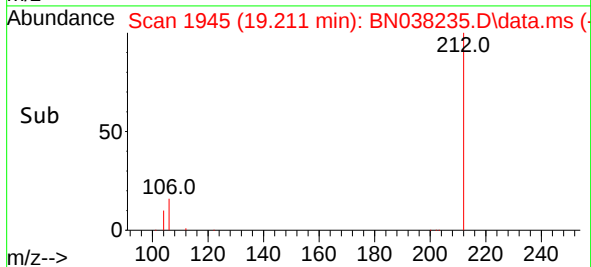
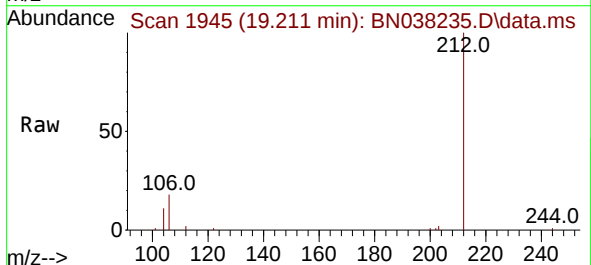


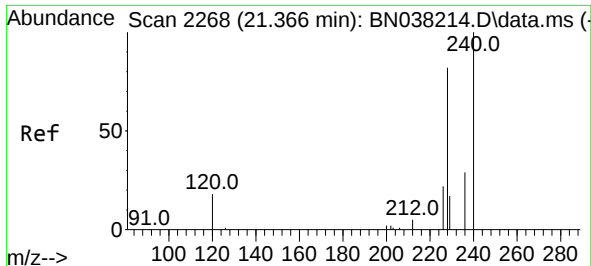
Tgt Ion:198 Resp: 876
Ion Ratio Lower Upper
198 100
51 101.9 205.1 307.7#
105 61.1 61.6 92.4#



#27
Fluoranthene-d10
Concen: 0.007 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

Tgt Ion:212 Resp: 13363
Ion Ratio Lower Upper
212 100
106 16.7 12.7 19.1
104 10.0 7.3 10.9

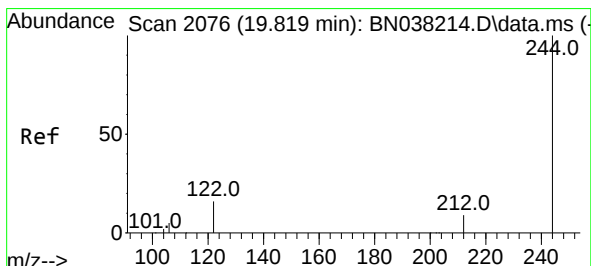
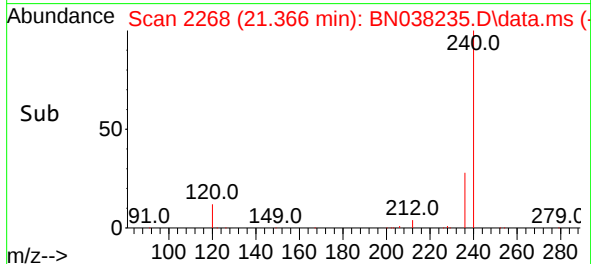
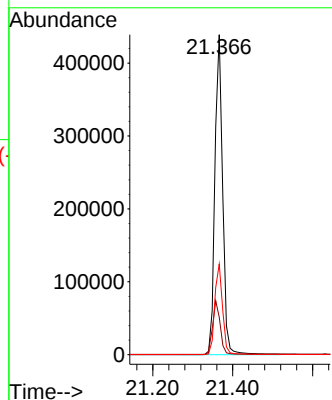
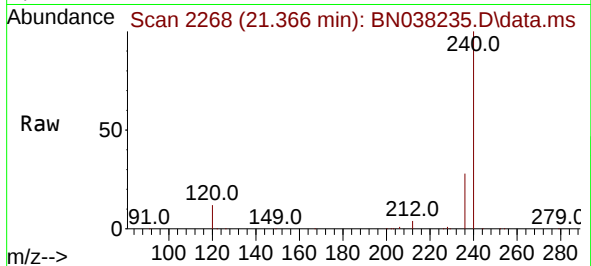




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

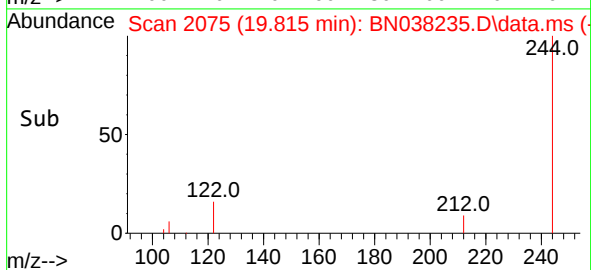
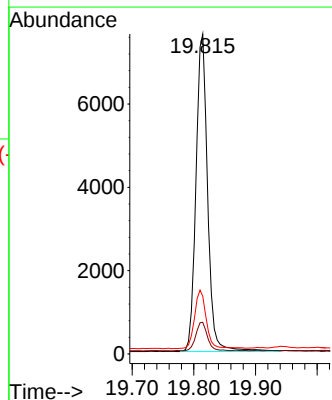
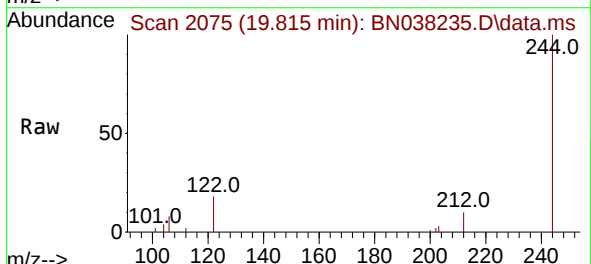
Instrument :
BNA_N
ClientSampleId :

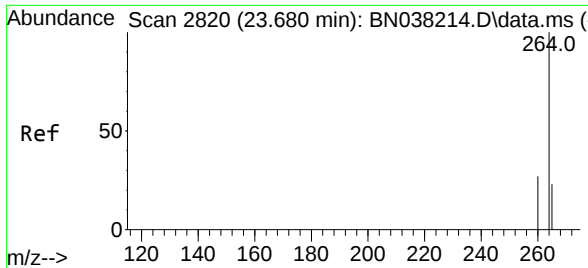
Tgt Ion:240 Resp: 590927
Ion Ratio Lower Upper
240 100
120 11.7 18.1 27.1#
236 28.3 24.2 36.4



#31
Terphenyl-d14
Concen: 0.007 ng
RT: 19.815 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

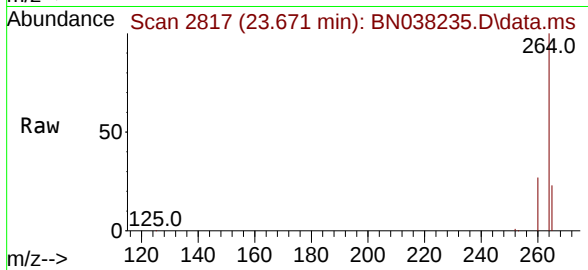
Tgt Ion:244 Resp: 10068
Ion Ratio Lower Upper
244 100
212 9.9 7.7 11.5
122 18.0 13.6 20.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.671 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038235.D
Acq: 01 Dec 2025 20:53

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 671792
Ion Ratio Lower Upper
264 100
260 27.0 21.7 32.5
265 22.5 98.0 147.0#

