

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
 Data File : BN037634.D
 Acq On : 20 Aug 2025 17:33
 Operator : RC/JU
 Sample : PB169328BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169328BL

Quant Time: Aug 21 04:56:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

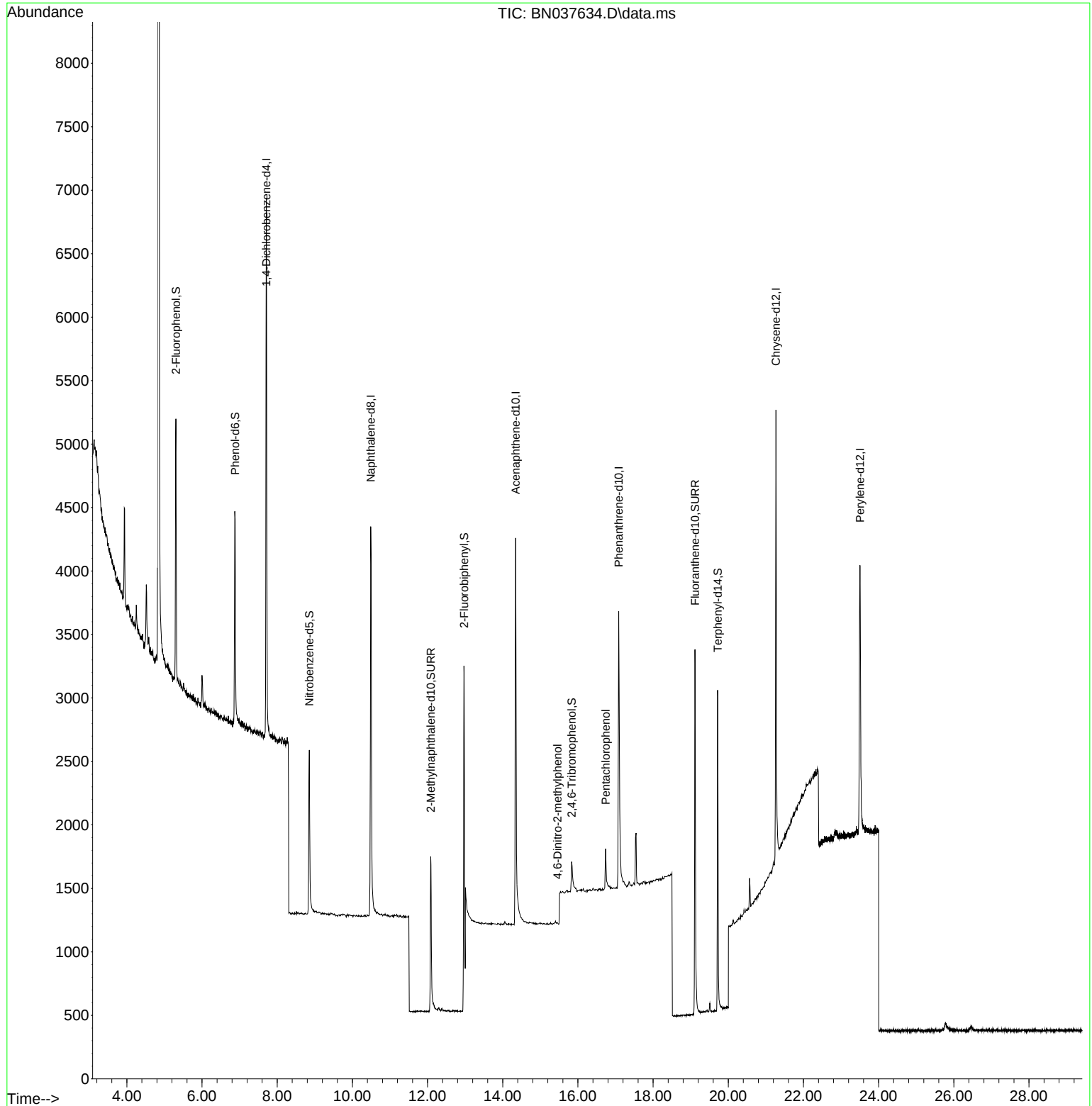
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2138	0.400	ng	0.00
7) Naphthalene-d8	10.488	136	4908	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	2089	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4205	0.400	ng	0.00
29) Chrysene-d12	21.268	240	3648	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	3405	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	1635	0.337	ng	0.00
5) Phenol-d6	6.879	99	1766	0.303	ng	0.00
8) Nitrobenzene-d5	8.854	82	1254	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	2083	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	249	0.272	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4365	0.361	ng	0.00
27) Fluoranthene-d10	19.113	212	3736	0.338	ng	0.00
31) Terphenyl-d14	19.722	244	2734	0.364	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.457	198	1	0.182	ng	# 2
24) Pentachlorophenol	16.739	266	207	0.157	ng	93

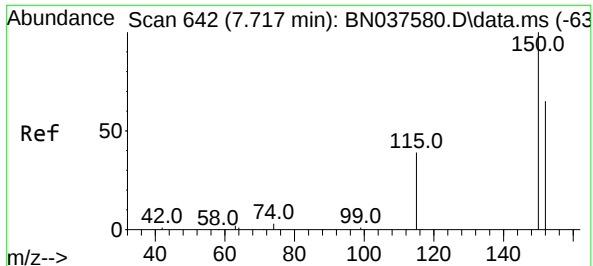
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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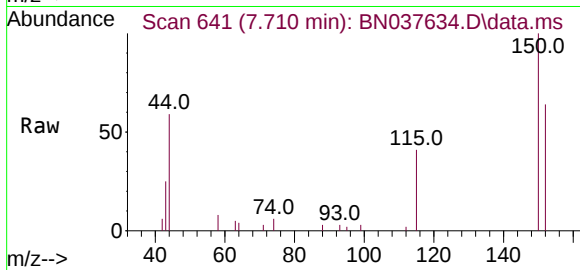
Quant Time: Aug 21 04:56:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



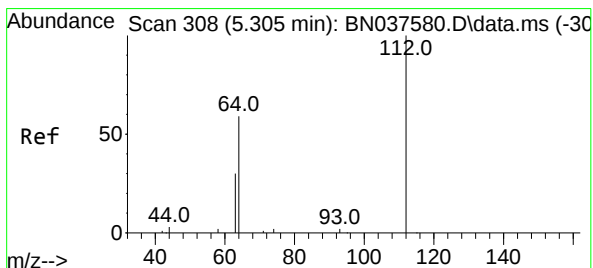
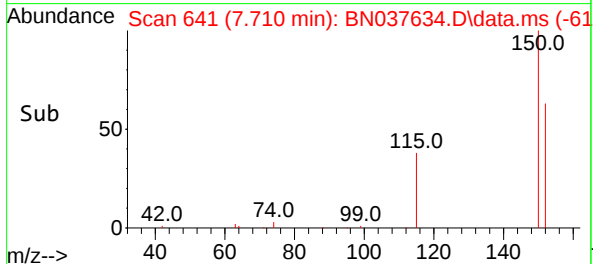
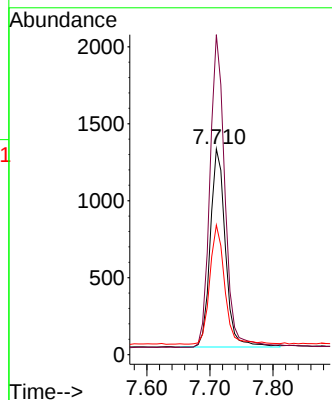


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037634.D
Acq: 20 Aug 2025 17:33

Instrument :
BNA_N
ClientSampleId :
PB169328BL

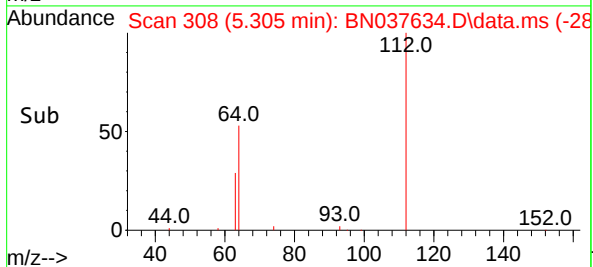
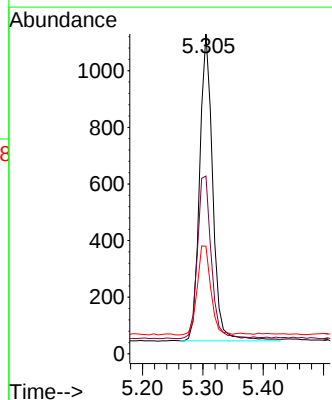
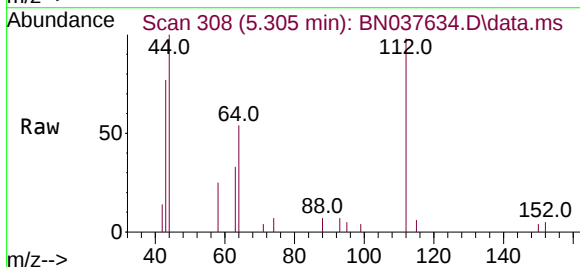


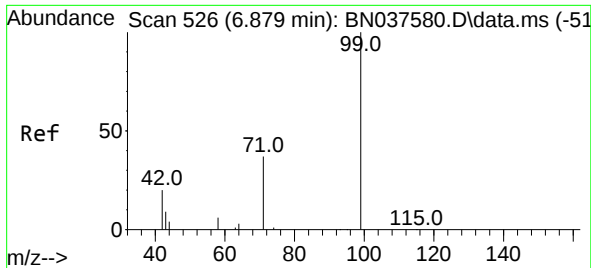
Tgt Ion:152 Resp: 2138
Ion Ratio Lower Upper
152 100
150 155.6 122.2 183.4
115 63.0 49.8 74.6



#4
2-Fluorophenol
Concen: 0.337 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037634.D
Acq: 20 Aug 2025 17:33

Tgt Ion:112 Resp: 1635
Ion Ratio Lower Upper
112 100
64 56.3 44.9 67.3
63 30.0 23.4 35.2

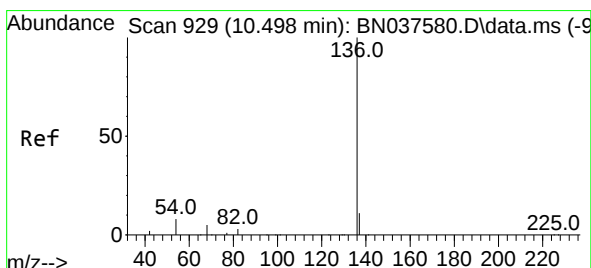
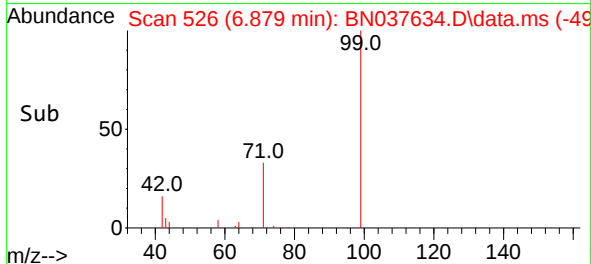
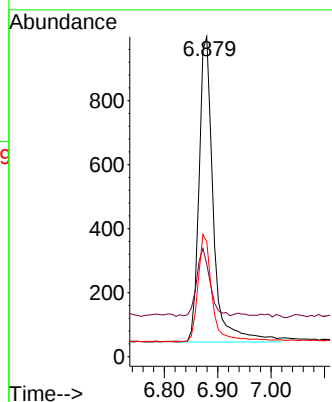
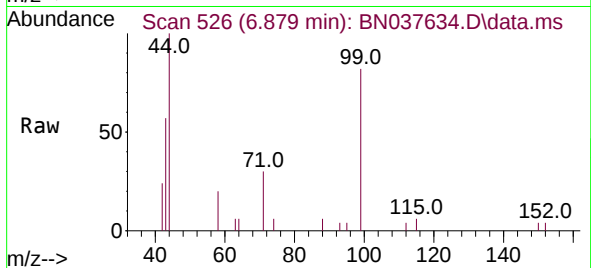




#5
Phenol-d6
Concen: 0.303 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037634.D
Acq: 20 Aug 2025 17:33

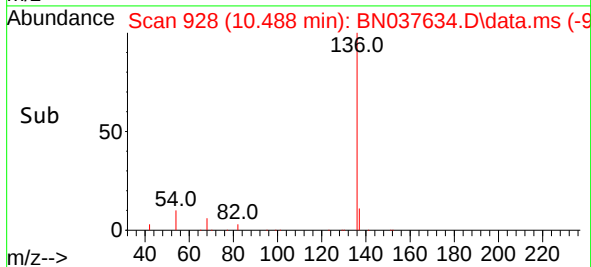
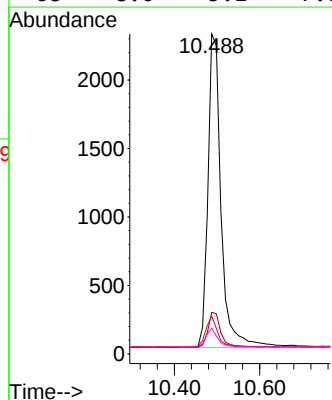
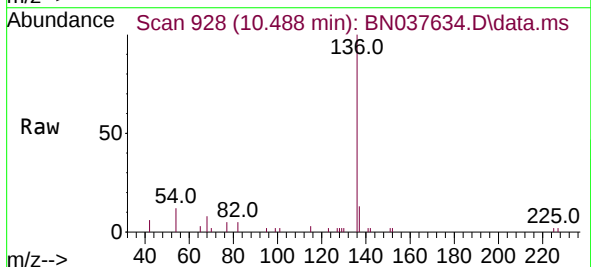
Instrument :
BNA_N
ClientSampleId :
PB169328BL

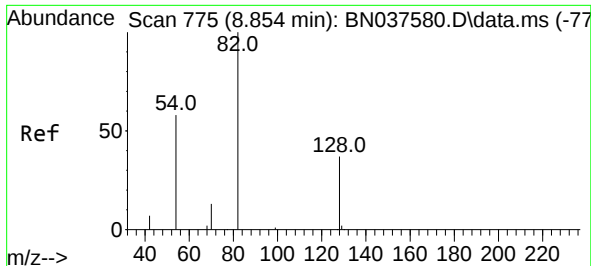
Tgt Ion:	99	Resp:	1766
Ion	Ratio	Lower	Upper
99	100		
42	20.3	18.5	27.7
71	34.4	28.6	42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 928
Delta R.T. -0.010 min
Lab File: BN037634.D
Acq: 20 Aug 2025 17:33

Tgt Ion:	136	Resp:	4908
Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	11.8	7.3	10.9#
68	8.0	5.1	7.7#

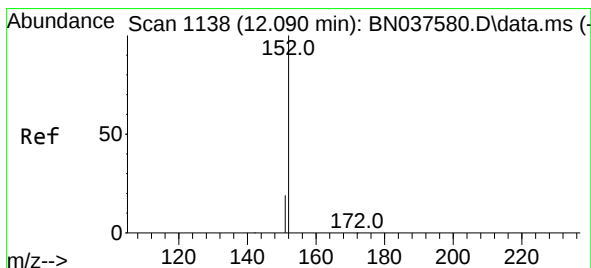
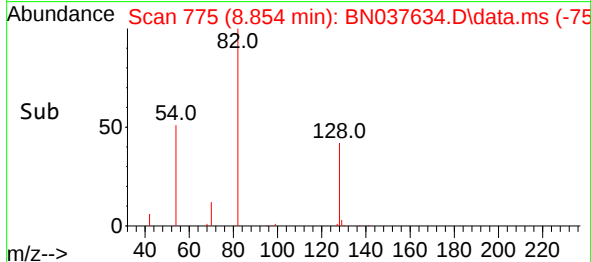
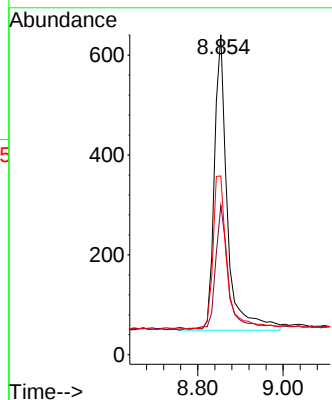
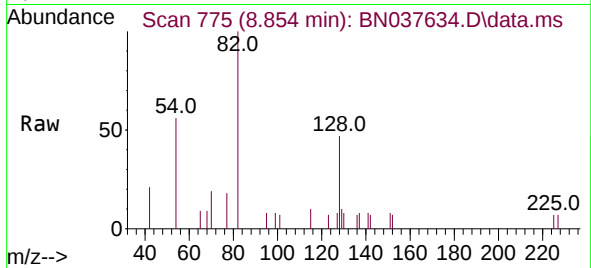




#8
 Nitrobenzene-d5
 Concen: 0.363 ng
 RT: 8.854 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN037634.D
 Acq: 20 Aug 2025 17:33

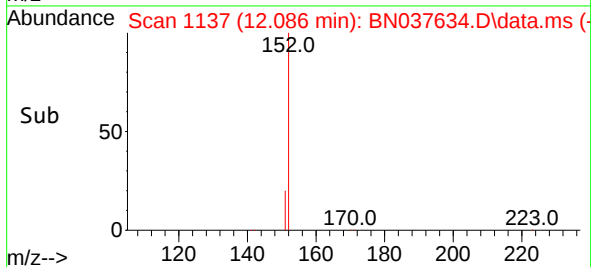
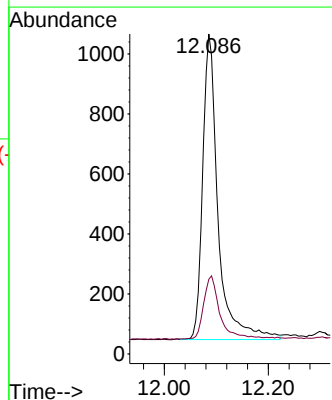
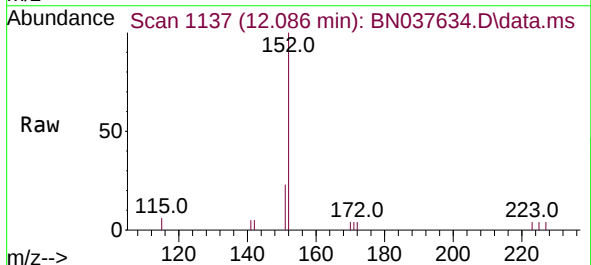
Instrument :
 BNA_N
 ClientSampleId :
 PB169328BL

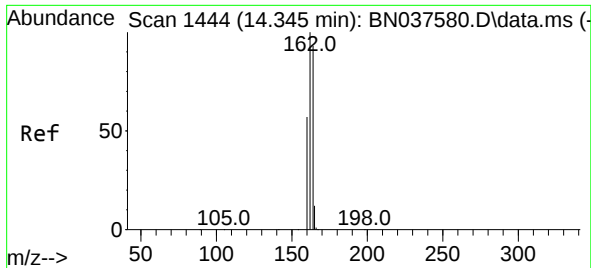
Tgt Ion:	82	Resp:	1254
Ion	Ratio	Lower	Upper
82	100		
128	46.6	32.6	48.8
54	55.9	48.9	73.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.312 ng
 RT: 12.086 min Scan# 1137
 Delta R.T. -0.005 min
 Lab File: BN037634.D
 Acq: 20 Aug 2025 17:33

Tgt Ion:	152	Resp:	2083
Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.3	25.9

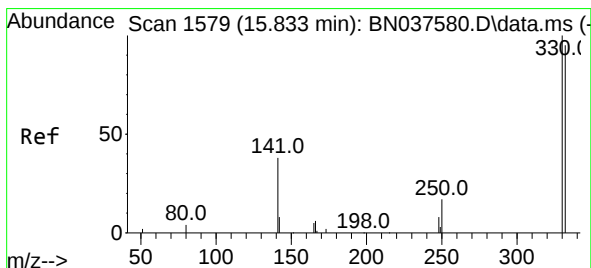
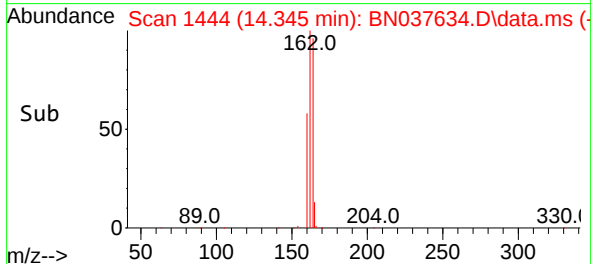
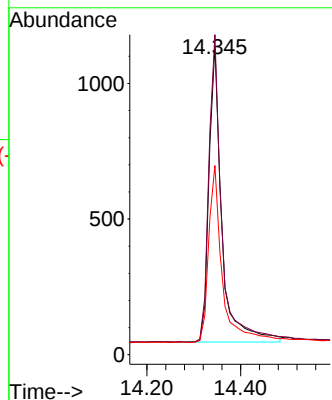
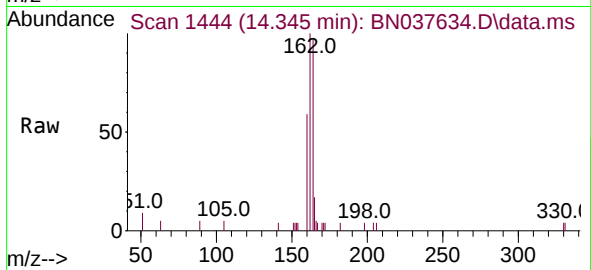




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037634.D
Acq: 20 Aug 2025 17:33

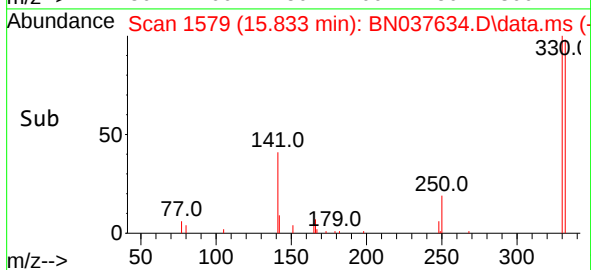
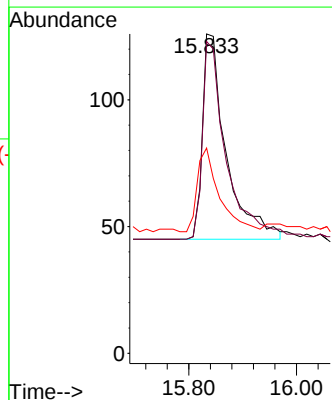
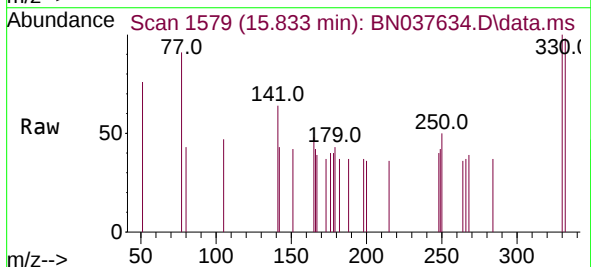
Instrument :
BNA_N
ClientSampleId :
PB169328BL

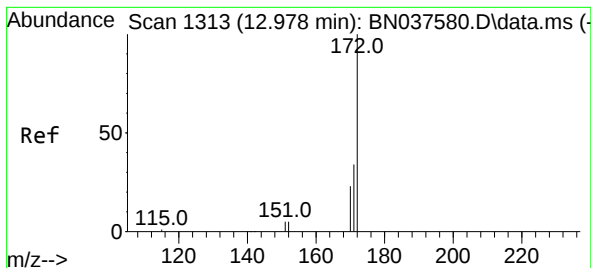
Tgt Ion:164 Resp: 2089
Ion Ratio Lower Upper
164 100
162 103.6 85.5 128.3
160 61.2 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037634.D
Acq: 20 Aug 2025 17:33

Tgt Ion:330 Resp: 249
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 37.8 30.9 46.3





#15

2-Fluorobiphenyl

Concen: 0.361 ng

RT: 12.973 min Scan# 1313

Delta R.T. -0.005 min

Lab File: BN037634.D

Acq: 20 Aug 2025 17:33

Instrument :

BNA_N

ClientSampleId :

PB169328BL

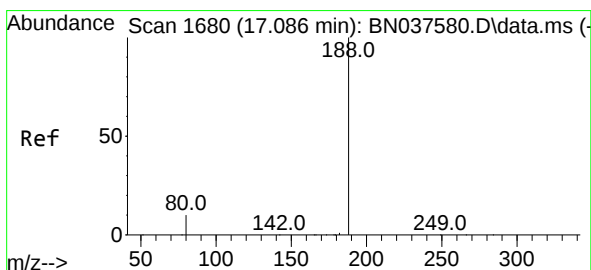
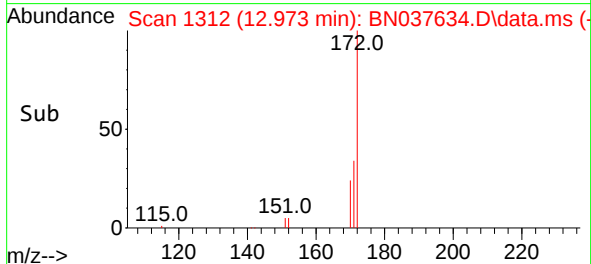
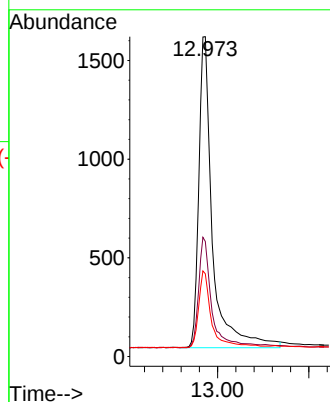
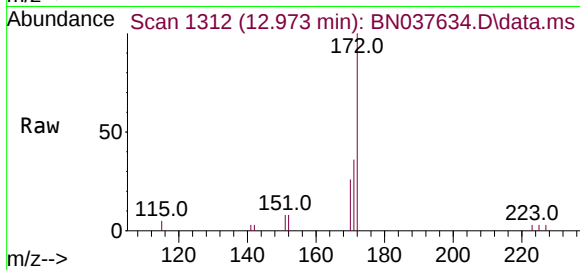
Tgt Ion:172 Resp: 4365

Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.4

170 25.8 19.2 28.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BN037634.D

Acq: 20 Aug 2025 17:33

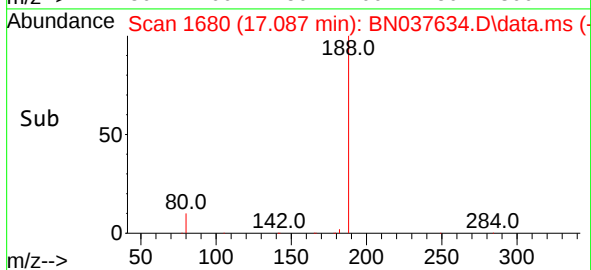
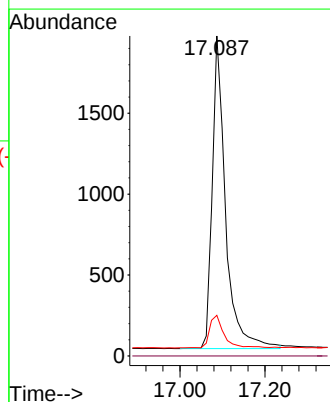
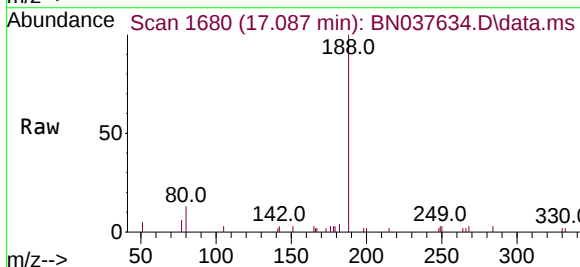
Tgt Ion:188 Resp: 4205

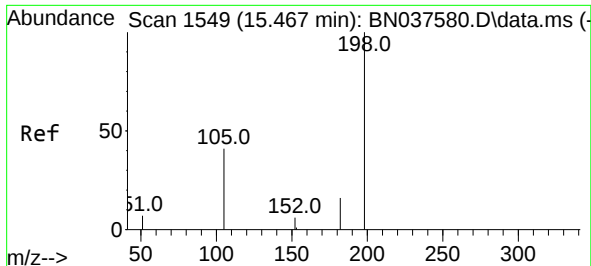
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 9.1 13.7

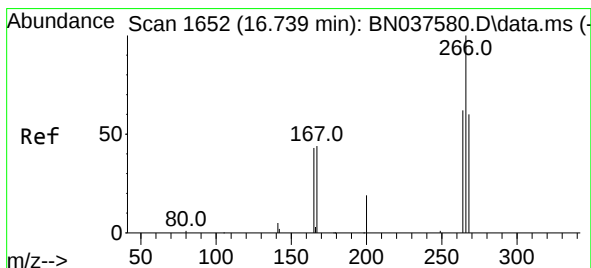
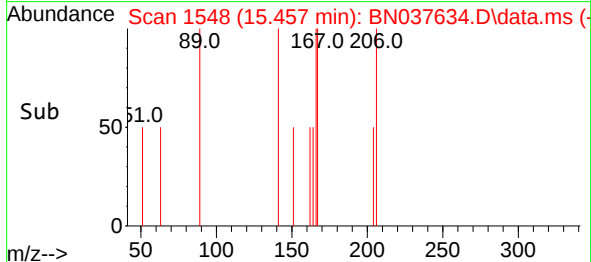
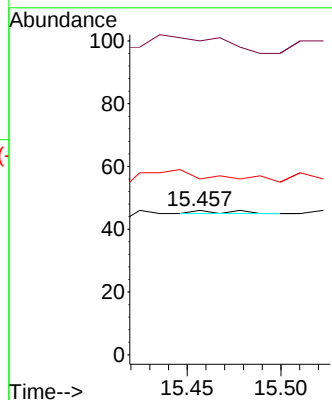
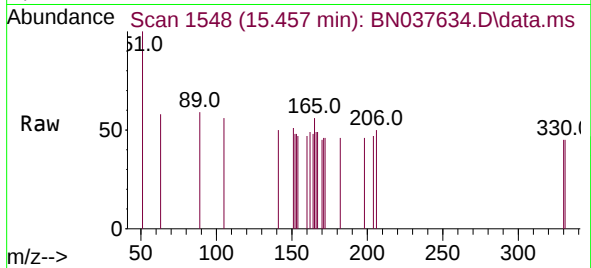




#20
4,6-Dinitro-2-methylphenol
Concen: 0.182 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.010 min
Lab File: BN037634.D
Acq: 20 Aug 2025 17:33

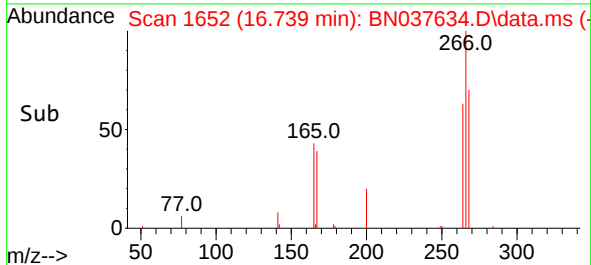
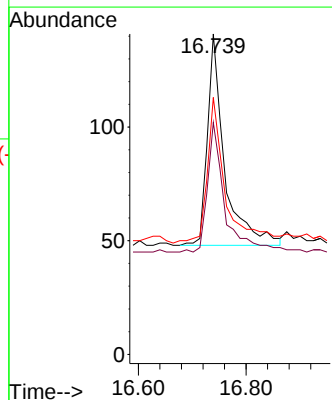
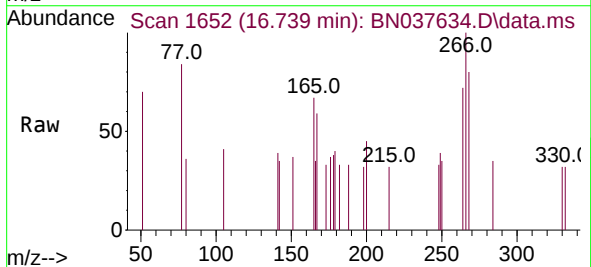
Instrument :
BNA_N
ClientSampleId :
PB169328BL

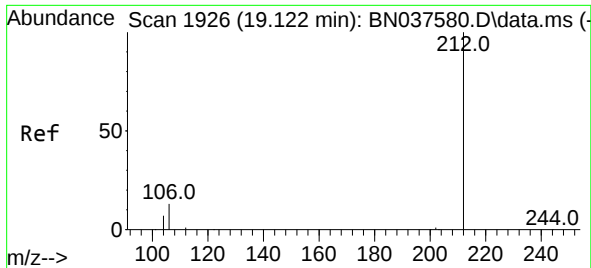
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 217.4 81.0 121.6#
105 121.7 52.5 78.7#



#24
Pentachlorophenol
Concen: 0.157 ng
RT: 16.739 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN037634.D
Acq: 20 Aug 2025 17:33

Tgt Ion:266 Resp: 207
Ion Ratio Lower Upper
266 100
264 61.4 49.6 74.4
268 72.0 49.2 73.8

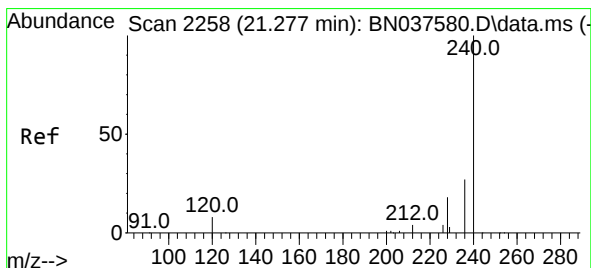
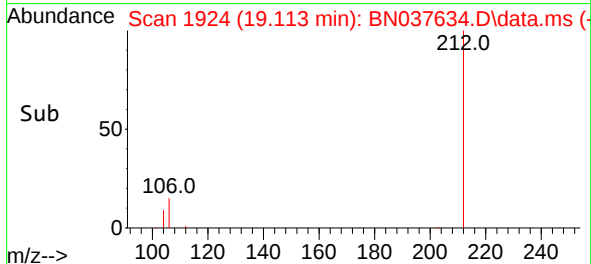
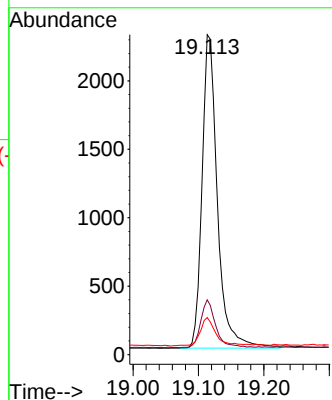
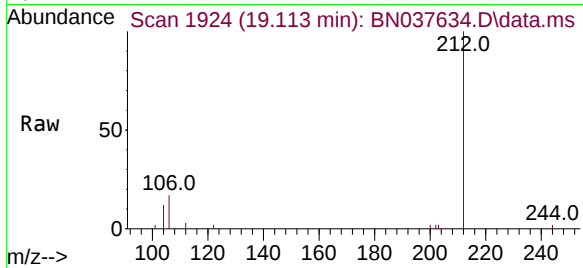




#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.113 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN037634.D
Acq: 20 Aug 2025 17:33

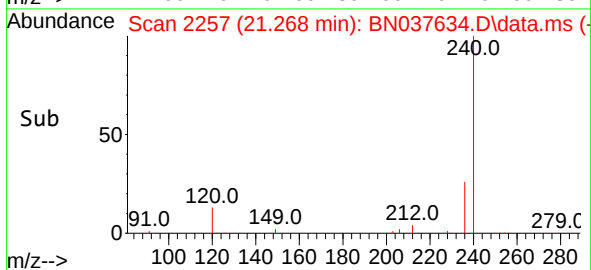
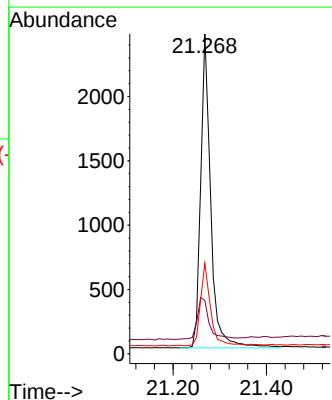
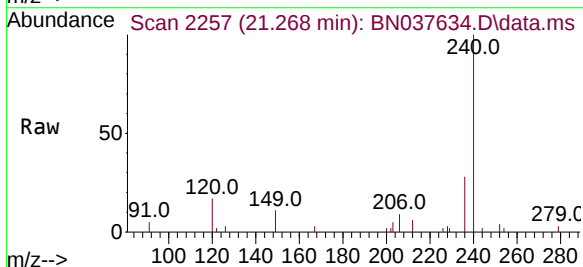
Instrument :
BNA_N
ClientSampleId :
PB169328BL

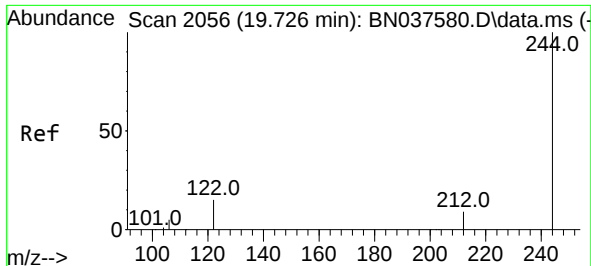
Tgt Ion:212 Resp: 3736
Ion Ratio Lower Upper
212 100
106 14.8 11.5 17.3
104 9.5 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037634.D
Acq: 20 Aug 2025 17:33

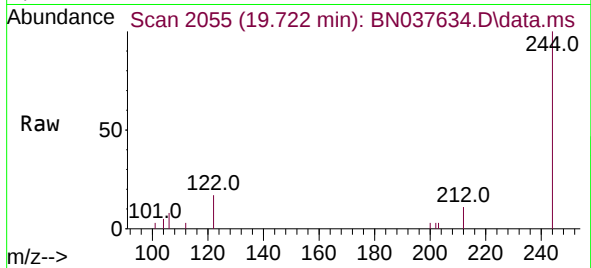
Tgt Ion:240 Resp: 3648
Ion Ratio Lower Upper
240 100
120 16.7 8.9 13.3#
236 28.3 22.6 33.8



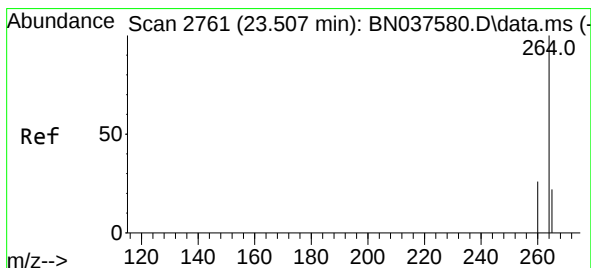
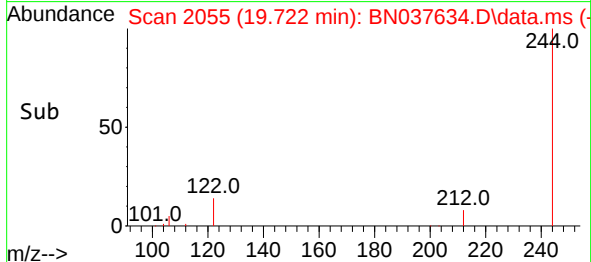
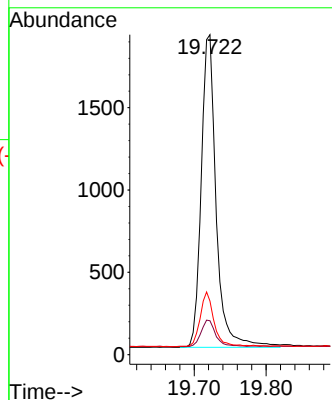


#31
 Terphenyl-d14
 Concen: 0.364 ng
 RT: 19.722 min Scan# 2055
 Delta R.T. -0.004 min
 Lab File: BN037634.D
 Acq: 20 Aug 2025 17:33

Instrument :
 BNA_N
 ClientSampleId :
 PB169328BL



Tgt Ion:244 Resp: 2734
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.2 12.2
 122 16.7 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.505 min Scan# 2760
 Delta R.T. -0.003 min
 Lab File: BN037634.D
 Acq: 20 Aug 2025 17:33

Tgt Ion:264 Resp: 3405
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.6 32.4
 265 96.8 48.2 72.4#

