

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037612.D
 Acq On : 19 Aug 2025 17:54
 Operator : RC/JU
 Sample : Q2869-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-081325

Quant Time: Aug 20 01:28:03 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)

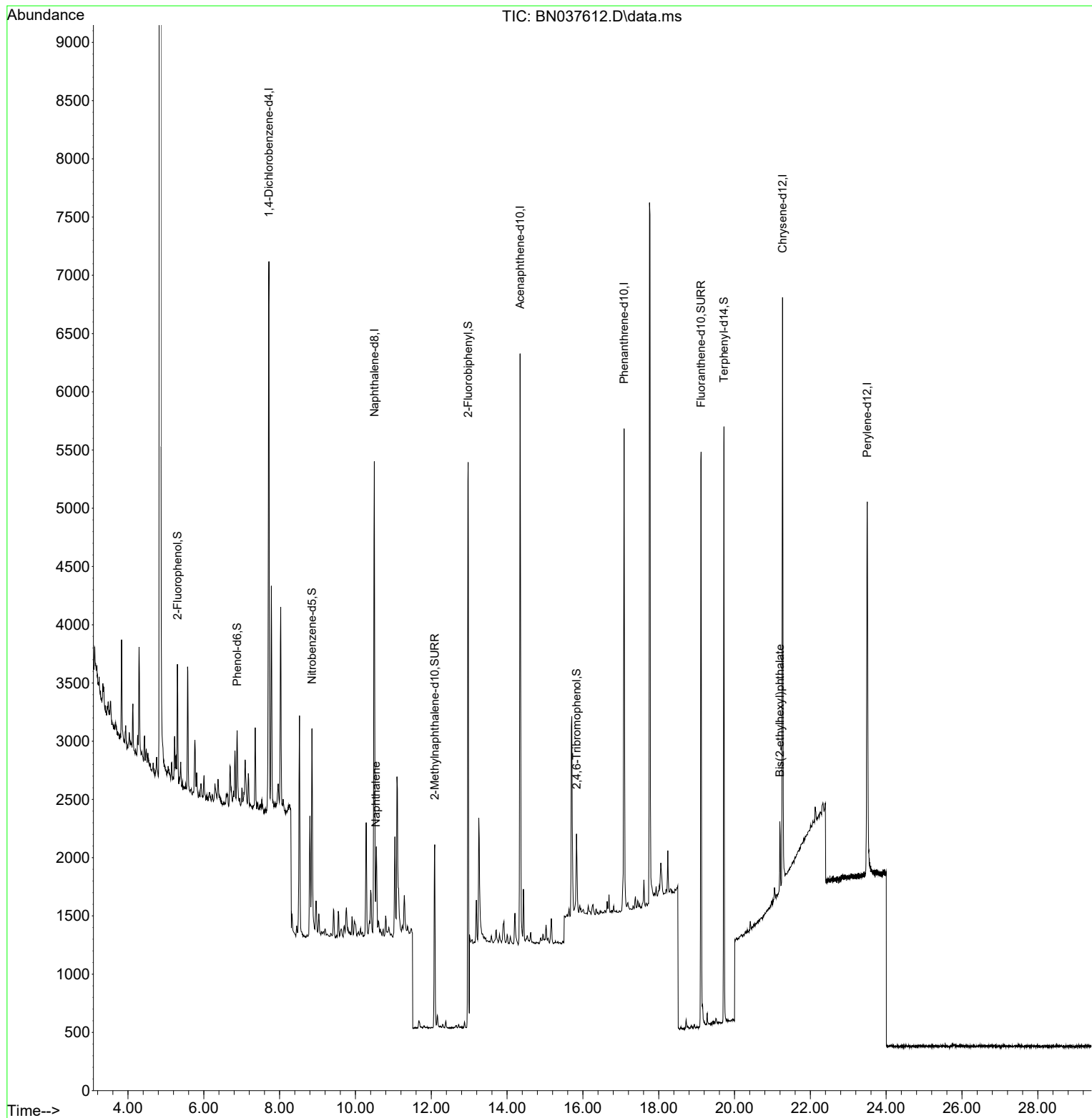
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2243	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5421	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2768	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5604	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4806	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	4479	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	763	0.150	ng	0.00
5) Phenol-d6	6.879	99	559	0.091	ng	0.00
8) Nitrobenzene-d5	8.854	82	1354	0.355	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	2242	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	427	0.352	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	6231	0.389	ng	0.00
27) Fluoranthene-d10	19.118	212	5735	0.389	ng	0.00
31) Terphenyl-d14	19.722	244	4846	0.490	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.541	128	328	0.023	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.196	149	615	0.093	ng	# 98

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

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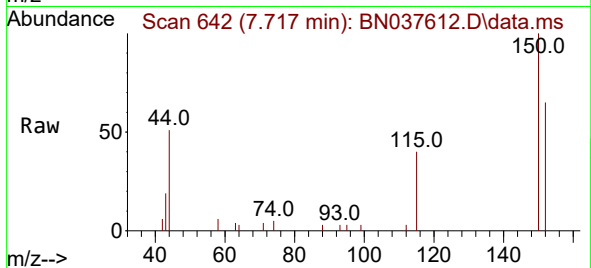
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



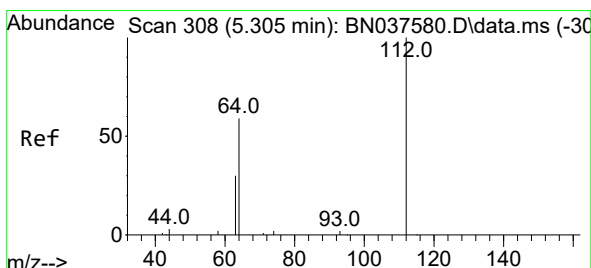
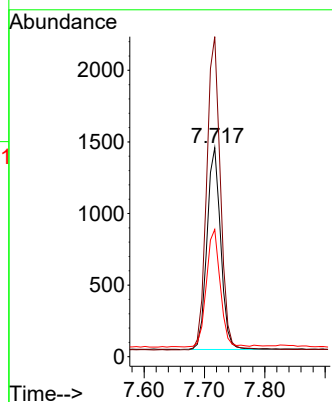
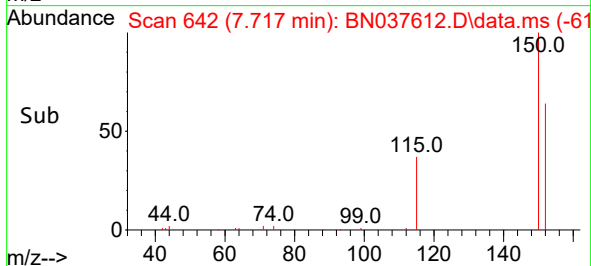


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Instrument :
BNA_N
ClientSampleId :
EB01-081325

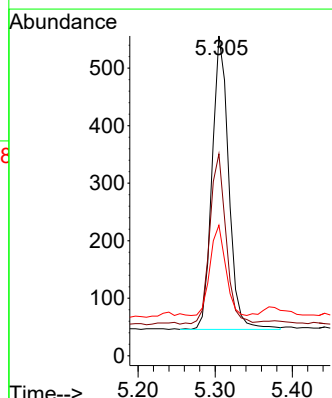
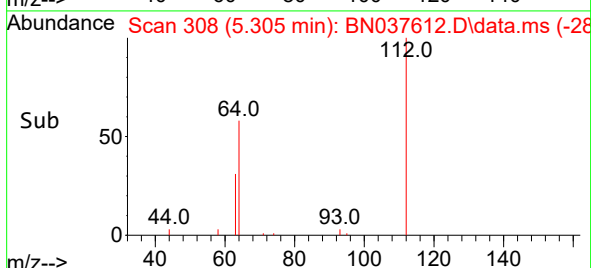
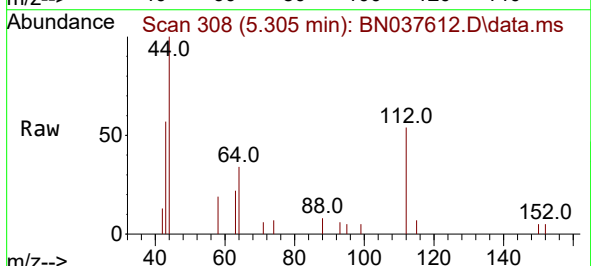


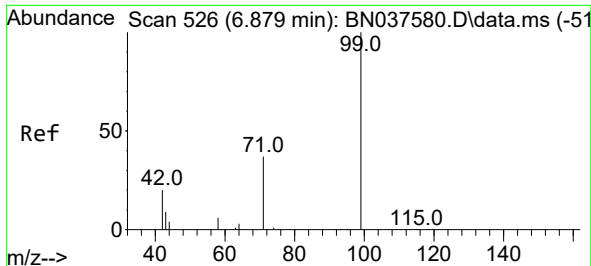
Tgt Ion:152 Resp: 2243
Ion Ratio Lower Upper
152 100
150 153.2 122.2 183.4
115 60.9 49.8 74.6



#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion:112 Resp: 763
Ion Ratio Lower Upper
112 100
64 56.7 44.9 67.3
63 29.5 23.4 35.2

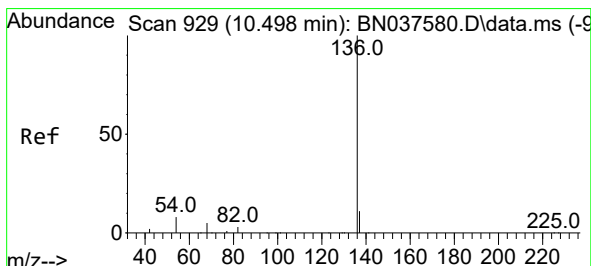
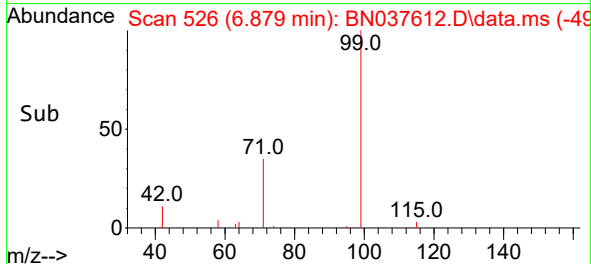
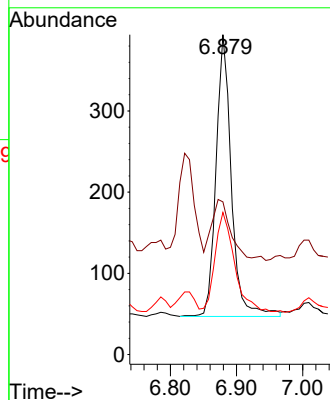
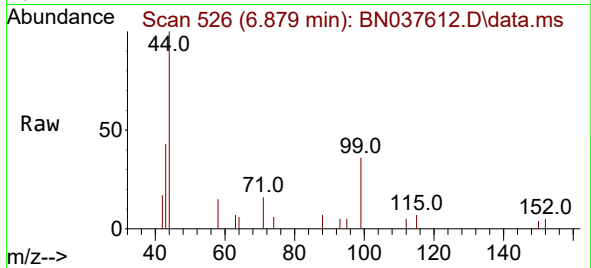




#5
Phenol-d6
Concen: 0.091 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

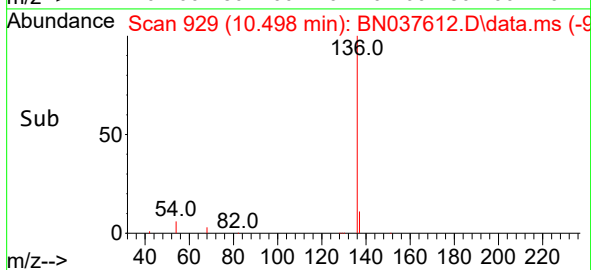
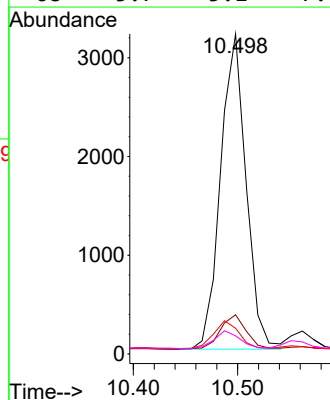
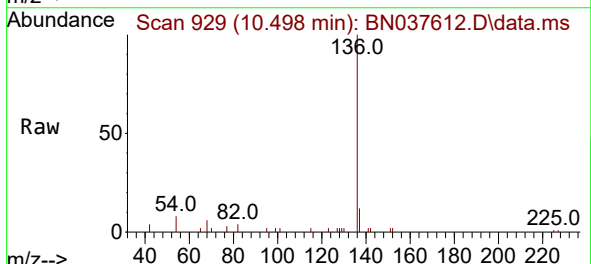
Instrument :
BNA_N
ClientSampleId :
EB01-081325

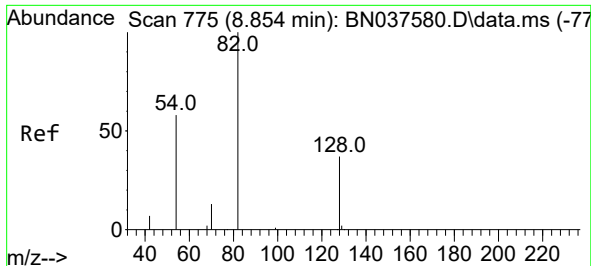
Tgt Ion: 99 Resp: 559
Ion Ratio Lower Upper
99 100
42 24.2 18.5 27.7
71 45.4 28.6 42.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion: 136 Resp: 5421
Ion Ratio Lower Upper
136 100
137 12.2 9.5 14.3
54 8.0 7.3 10.9
68 5.7 5.1 7.7

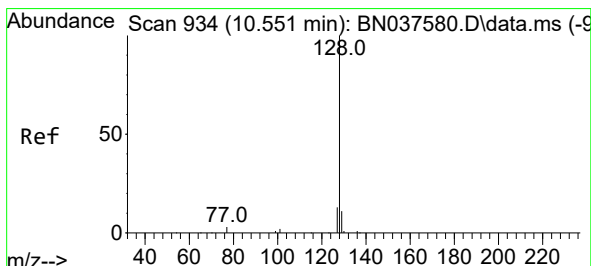
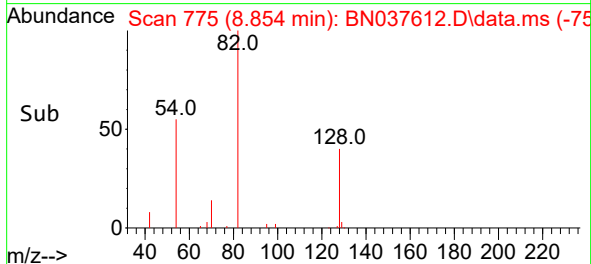
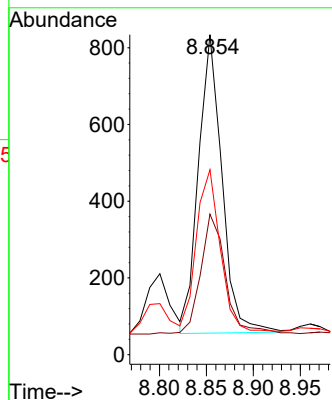
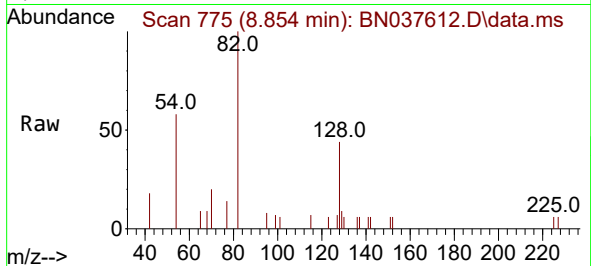




#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

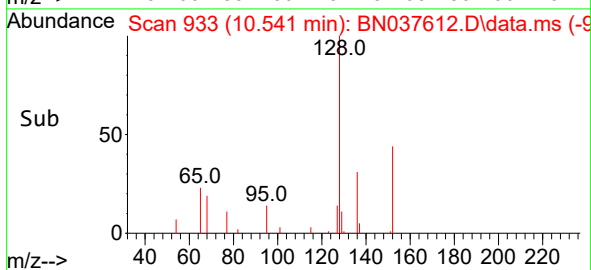
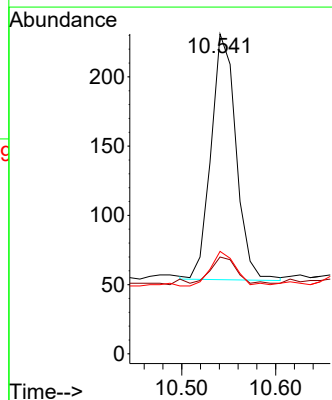
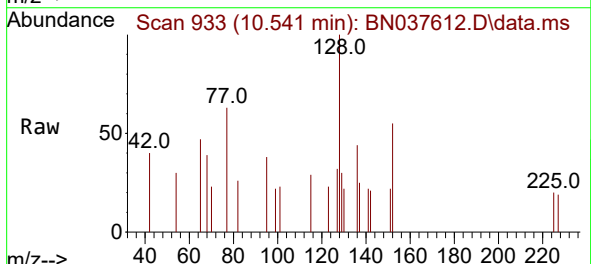
Instrument :
BNA_N
ClientSampleId :
EB01-081325

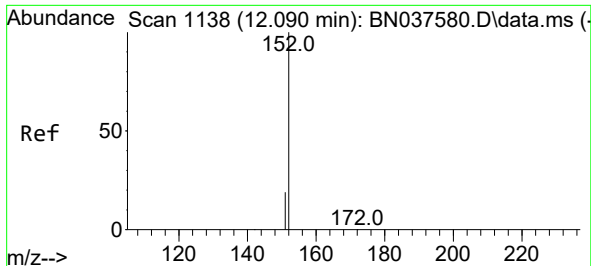
Tgt Ion: 82 Resp: 1354
Ion Ratio Lower Upper
82 100
128 43.9 32.6 48.8
54 57.8 48.9 73.3



#9
Naphthalene
Concen: 0.023 ng
RT: 10.541 min Scan# 933
Delta R.T. -0.011 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion: 128 Resp: 328
Ion Ratio Lower Upper
128 100
129 30.3 9.8 14.6#
127 32.0 11.5 17.3#

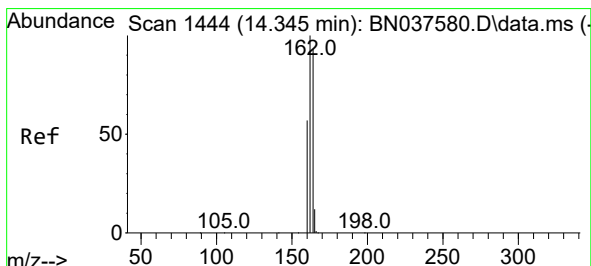
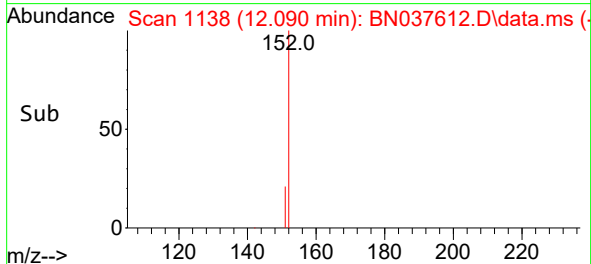
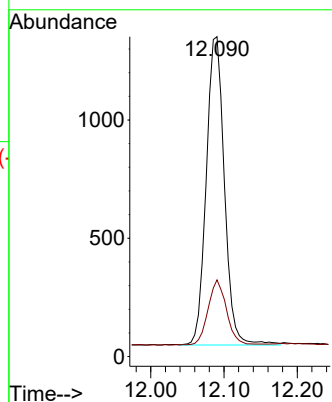
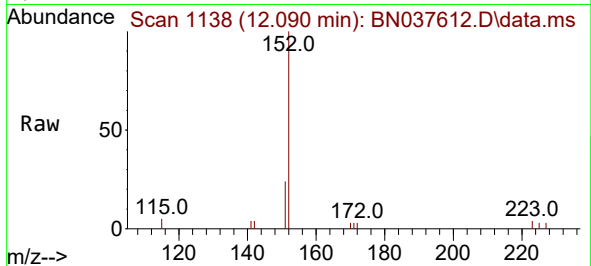




#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.090 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

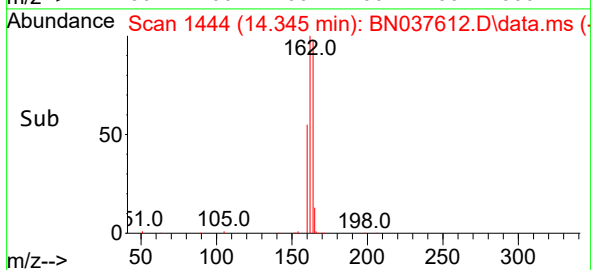
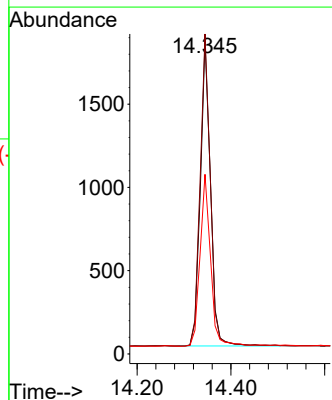
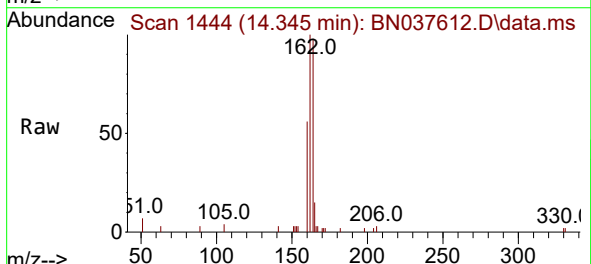
Instrument :
BNA_N
ClientSampleId :
EB01-081325

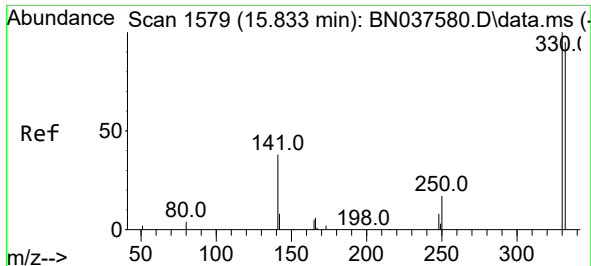
Tgt Ion:152 Resp: 2242
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion:164 Resp: 2768
Ion Ratio Lower Upper
164 100
162 102.0 85.5 128.3
160 57.3 49.5 74.3

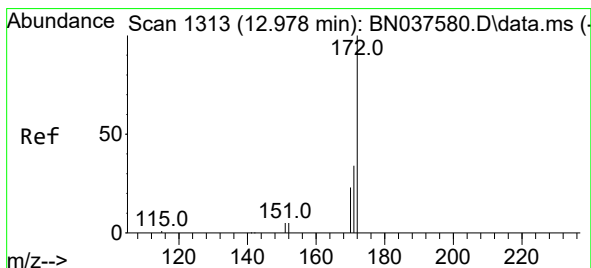
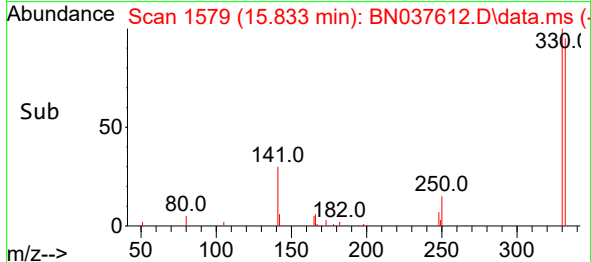
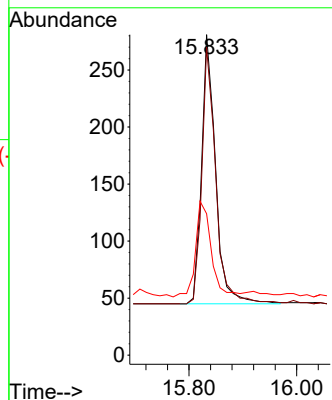
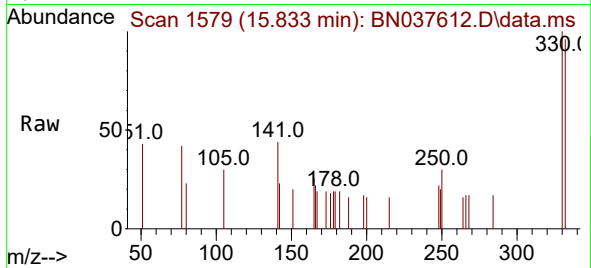




#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

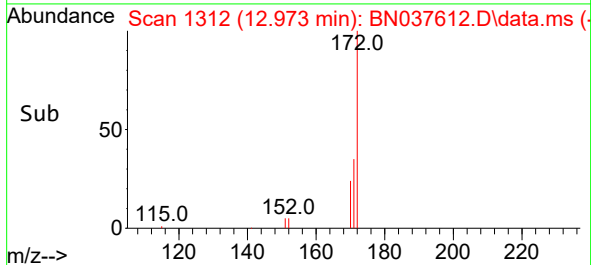
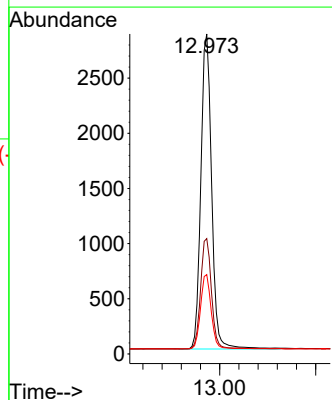
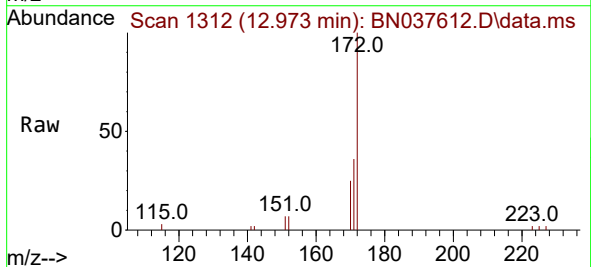
Instrument :
BNA_N
ClientSampleId :
EB01-081325

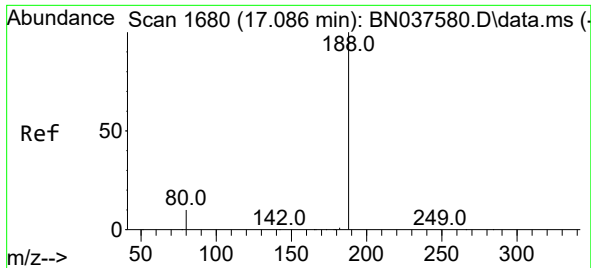
Tgt Ion:330 Resp: 427
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 40.0 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion:172 Resp: 6231
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.4
170 24.8 19.2 28.8

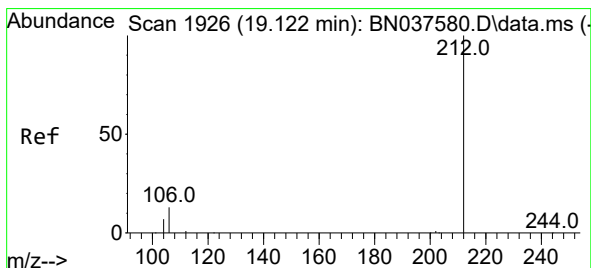
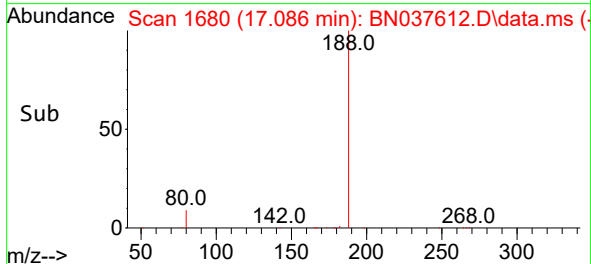
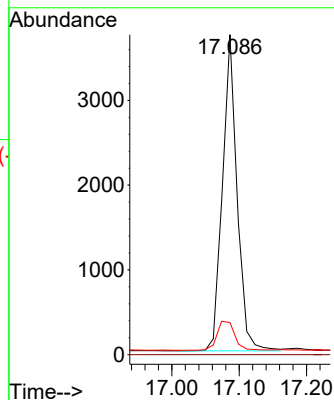
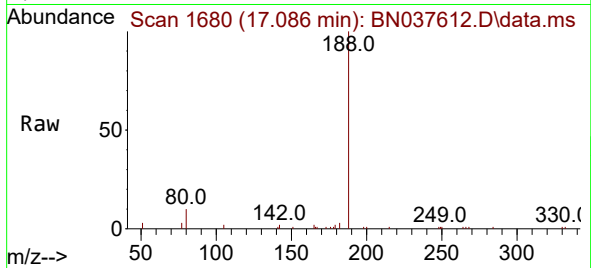




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

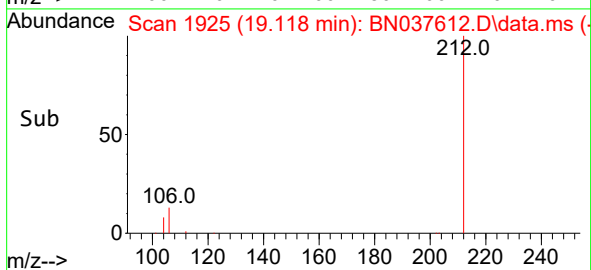
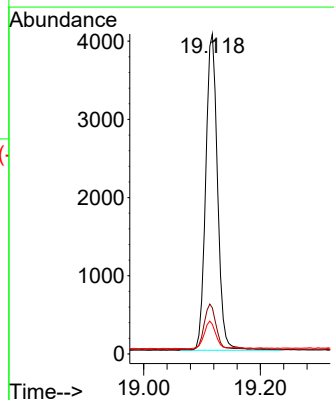
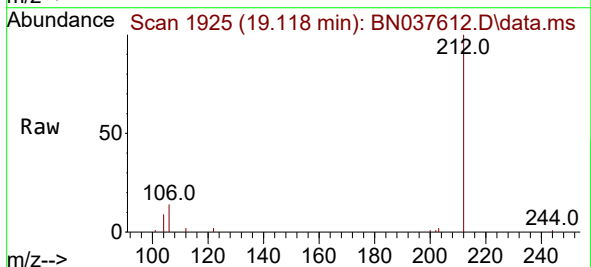
Instrument :
BNA_N
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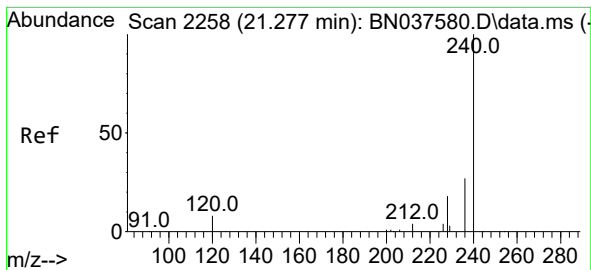
Tgt Ion:188 Resp: 5604
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 9.1 13.7



#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion:212 Resp: 5735
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.5 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037612.D

Acq: 19 Aug 2025 17:54

Instrument :

BNA_N

ClientSampleId :

EB01-081325

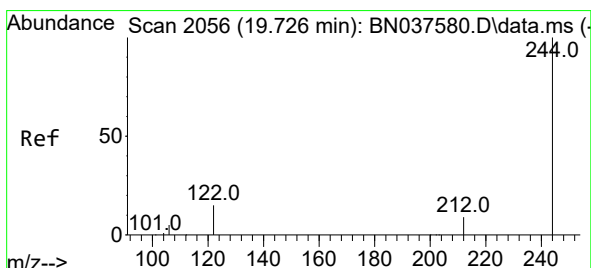
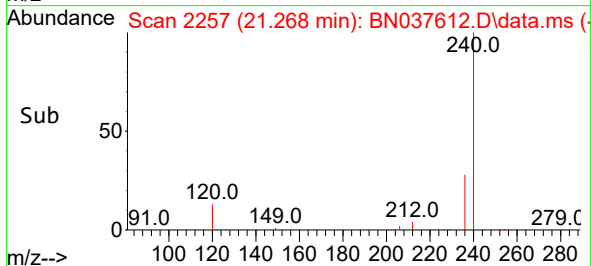
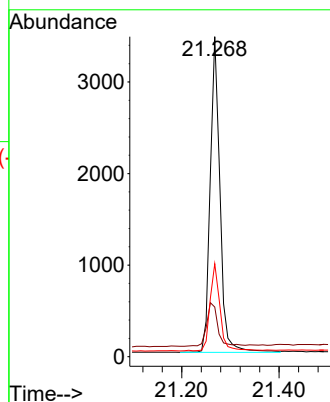
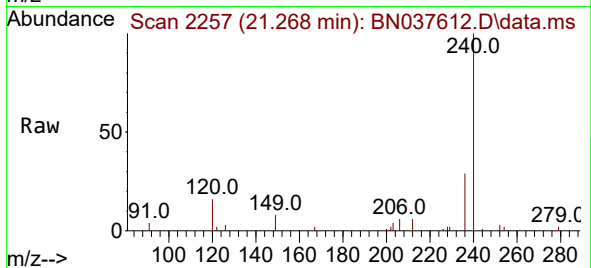
Tgt Ion:240 Resp: 4806

Ion Ratio Lower Upper

240 100

120 15.5 8.9 13.3#

236 29.0 22.6 33.8



#31

Terphenyl-d14

Concen: 0.490 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.005 min

Lab File: BN037612.D

Acq: 19 Aug 2025 17:54

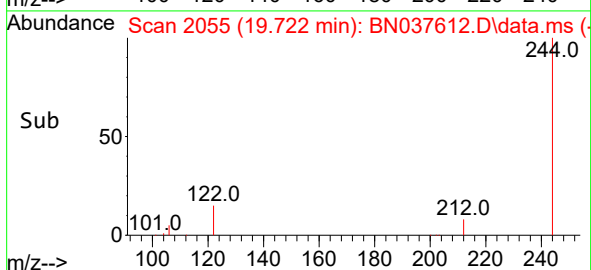
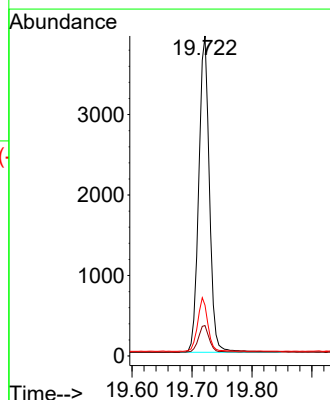
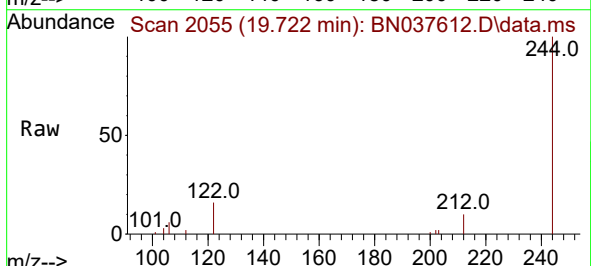
Tgt Ion:244 Resp: 4846

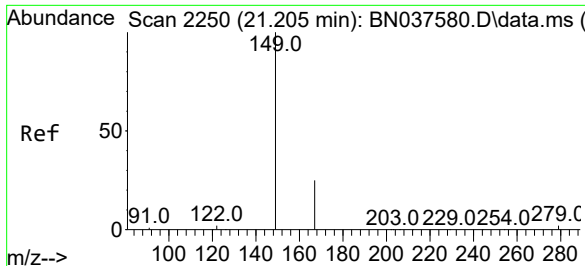
Ion Ratio Lower Upper

244 100

212 9.5 8.2 12.2

122 15.9 13.2 19.8

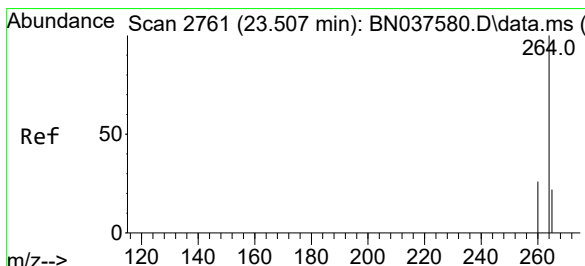
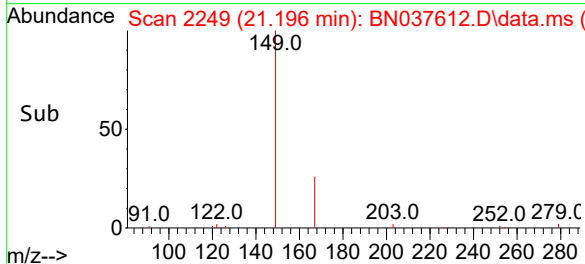
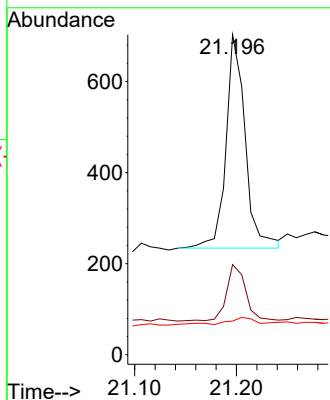
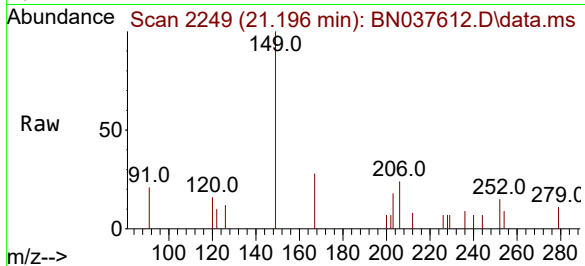




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.196 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Instrument :
BNA_N
ClientSampleId :
EB01-081325

Tgt Ion:149 Resp: 615
Ion Ratio Lower Upper
149 100
167 26.5 20.5 30.7
279 4.4 2.6 4.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.502 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BN037612.D
Acq: 19 Aug 2025 17:54

Tgt Ion:264 Resp: 4479
Ion Ratio Lower Upper
264 100
260 26.1 21.6 32.4
265 70.5 48.2 72.4

