

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
 Data File : BN037484.D
 Acq On : 14 Jul 2025 09:49
 Operator : RC/JU
 Sample : PB168696BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168696BL

Quant Time: Jul 14 10:56:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 15:38:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	2133	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4972	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2255	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3944	0.400	ng	0.00
29) Chrysene-d12	21.286	240	2959	0.400	ng	0.00
35) Perylene-d12	23.525	264	2878	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1749	0.352	ng	0.00
5) Phenol-d6	6.886	99	2094	0.335	ng	0.00
8) Nitrobenzene-d5	8.864	82	1333	0.369	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2408	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	109	0.143	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	4883	0.379	ng	0.00
27) Fluoranthene-d10	19.132	212	3492	0.351	ng	0.00
31) Terphenyl-d14	19.736	244	2573	0.417	ng	0.00

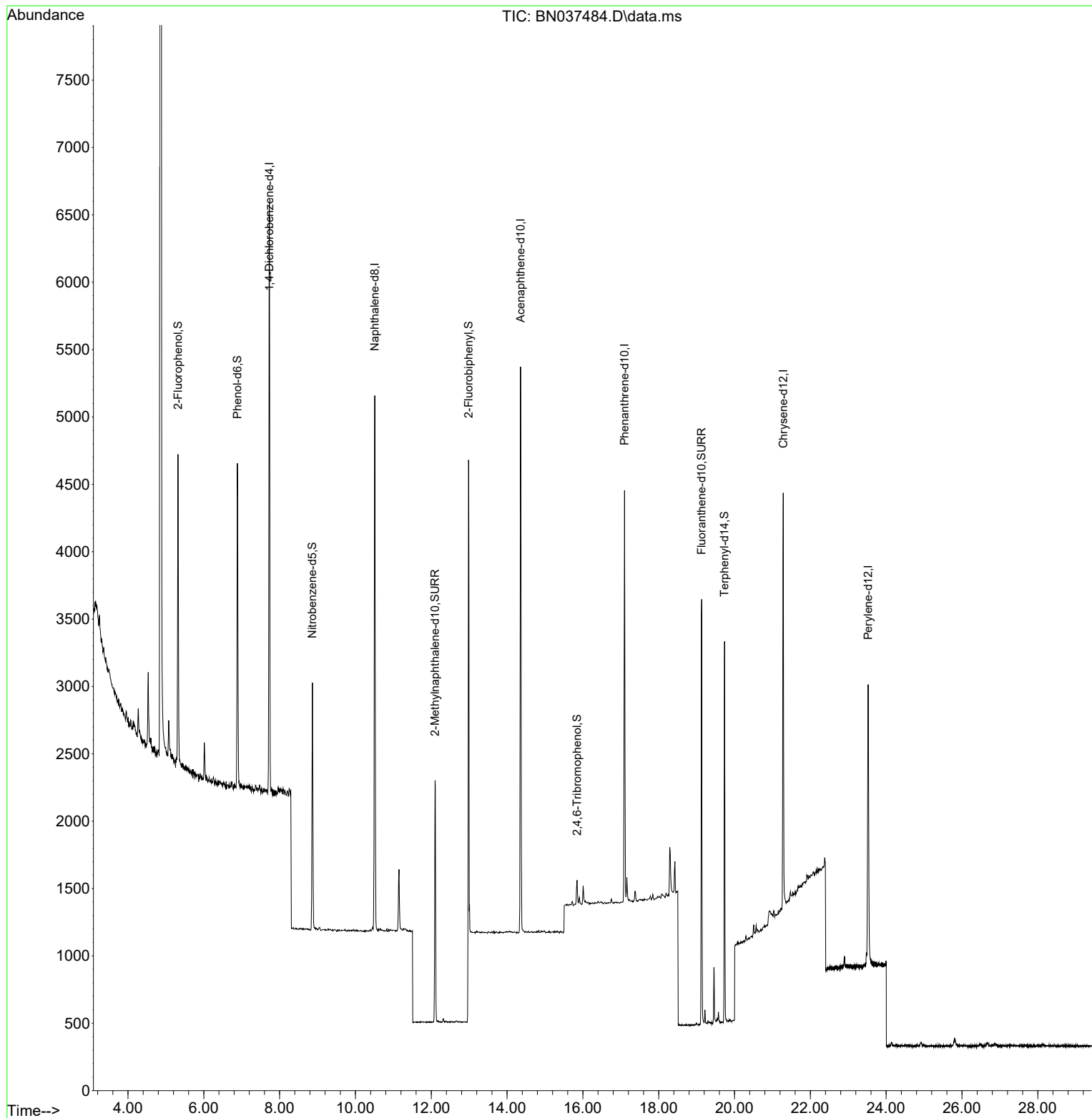
Target Compounds Qvalue

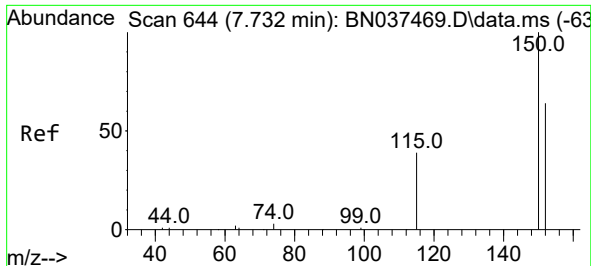
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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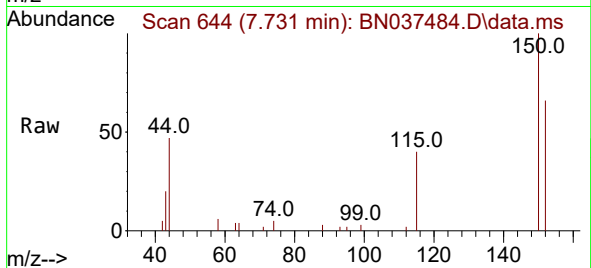
Quant Time: Jul 14 10:56:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration



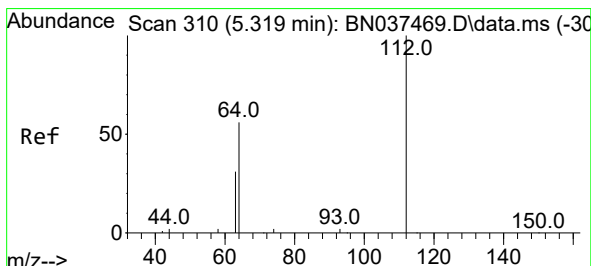
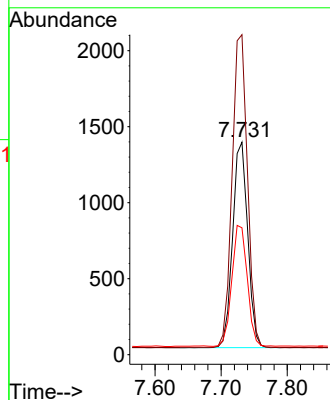
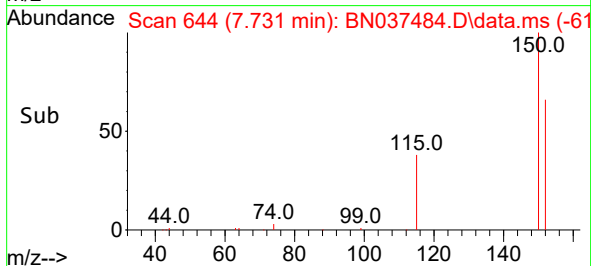


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.731 min Scan# 64
Delta R.T. -0.001 min
Lab File: BN037484.D
Acq: 14 Jul 2025 09:49

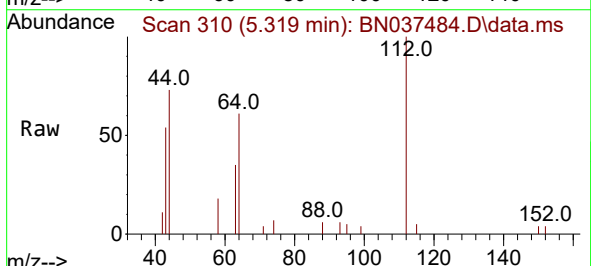
Instrument :
BNA_N
ClientSampleId :
PB168696BL



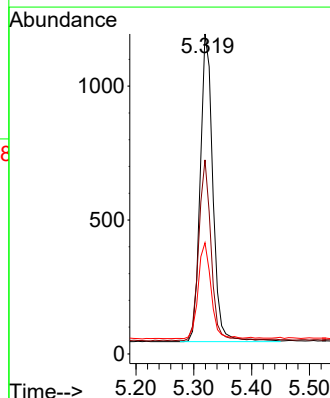
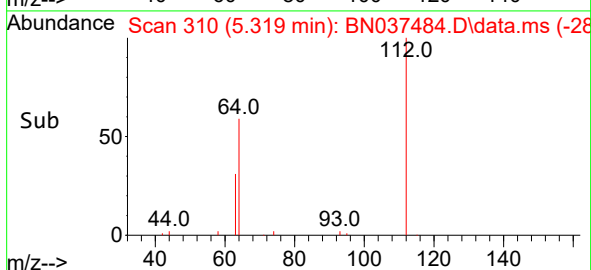
Tgt Ion:152 Resp: 2133
Ion Ratio Lower Upper
152 100
150 150.6 122.5 183.7
115 59.7 49.9 74.9

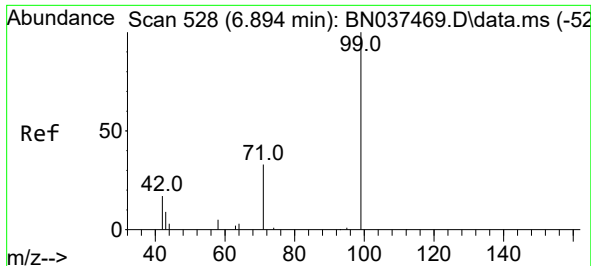


#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN037484.D
Acq: 14 Jul 2025 09:49



Tgt Ion:112 Resp: 1749
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.0
63 31.6 24.7 37.1

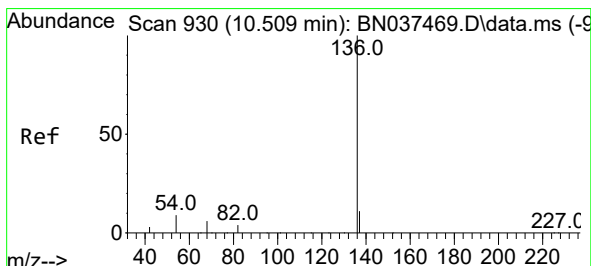
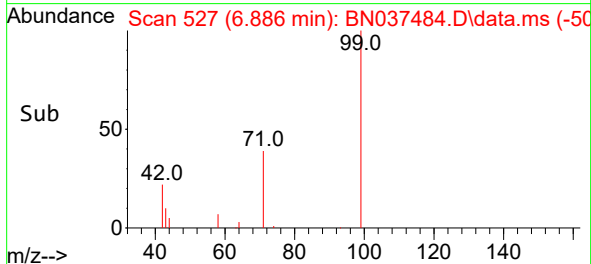
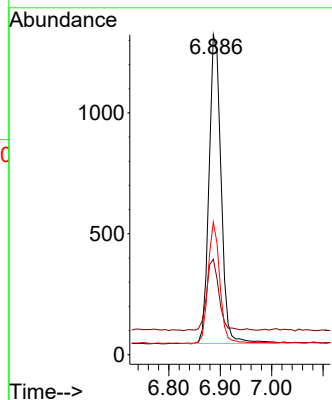
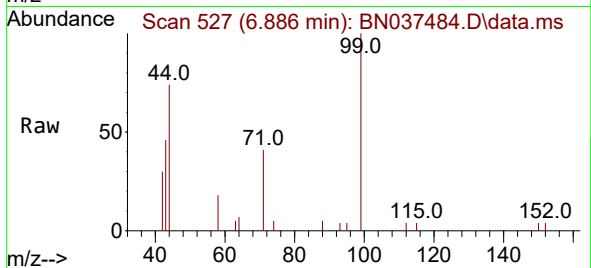




#5
Phenol-d6
Concen: 0.335 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037484.D
Acq: 14 Jul 2025 09:49

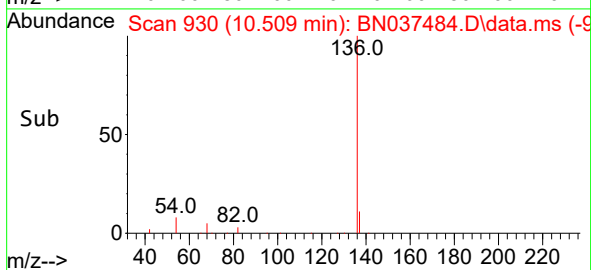
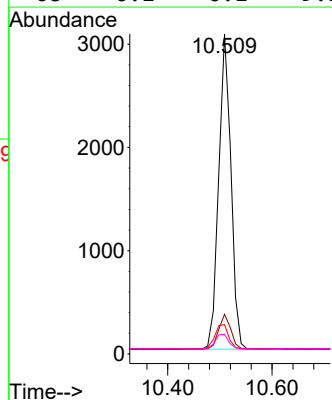
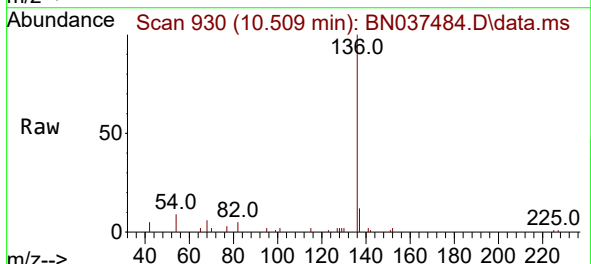
Instrument :
BNA_N
ClientSampleId :
PB168696BL

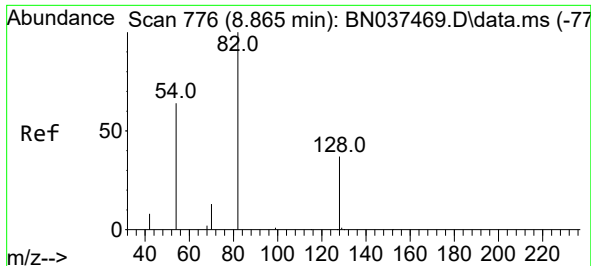
Tgt Ion: 99 Resp: 2094
Ion Ratio Lower Upper
99 100
42 23.6 19.5 29.3
71 38.2 29.4 44.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN037484.D
Acq: 14 Jul 2025 09:49

Tgt Ion:136 Resp: 4972
Ion Ratio Lower Upper
136 100
137 12.4 10.0 15.0
54 9.2 9.0 13.6
68 6.1 6.1 9.1

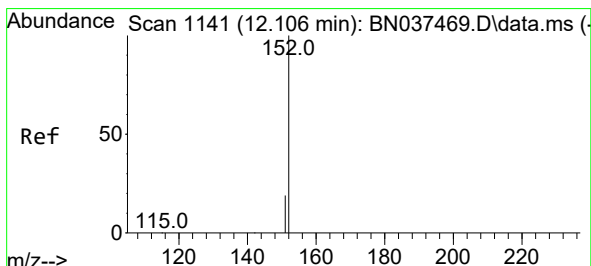
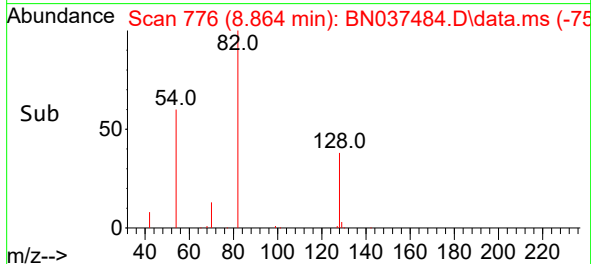
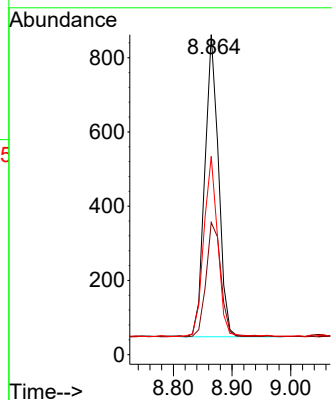
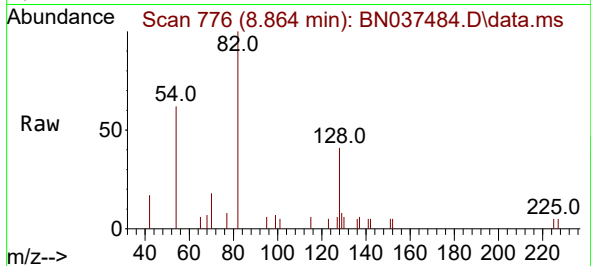




#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.864 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN037484.D
Acq: 14 Jul 2025 09:49

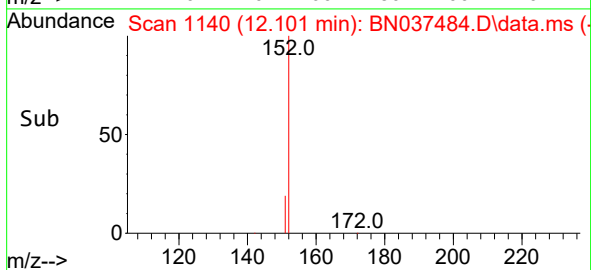
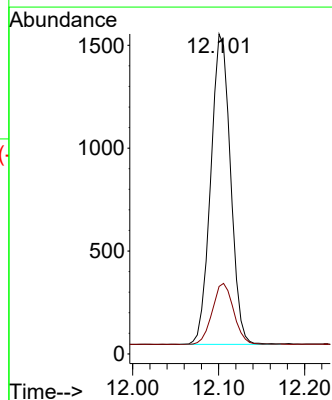
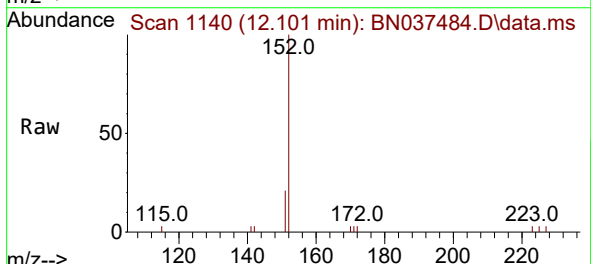
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BNA_N
ClientSampleId :
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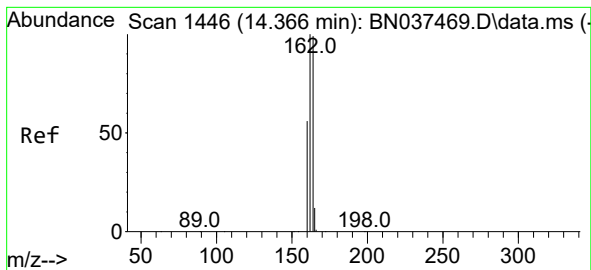
Tgt Ion: 82 Resp: 1333
Ion Ratio Lower Upper
82 100
128 41.3 33.1 49.7
54 61.9 53.0 79.4



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037484.D
Acq: 14 Jul 2025 09:49

Tgt Ion:152 Resp: 2408
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.355 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BN037484.D

Acq: 14 Jul 2025 09:49

Instrument :

BNA_N

ClientSampleId :

PB168696BL

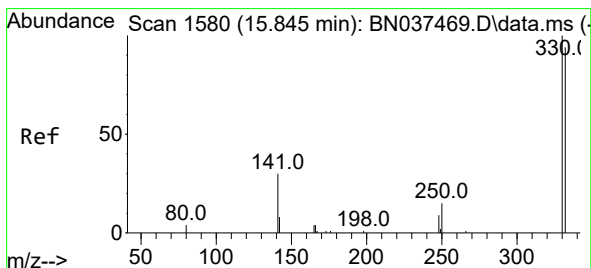
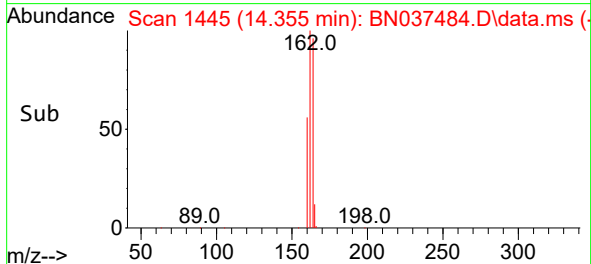
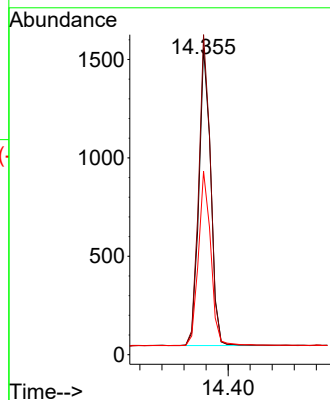
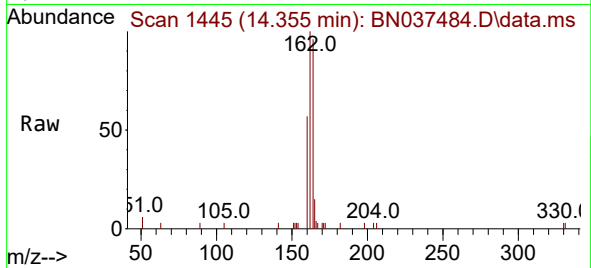
Tgt Ion:164 Resp: 2255

Ion Ratio Lower Upper

164 100

162 104.3 81.1 121.7

160 59.8 46.5 69.7



#14

2,4,6-Tribromophenol

Concen: 0.143 ng

RT: 15.845 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BN037484.D

Acq: 14 Jul 2025 09:49

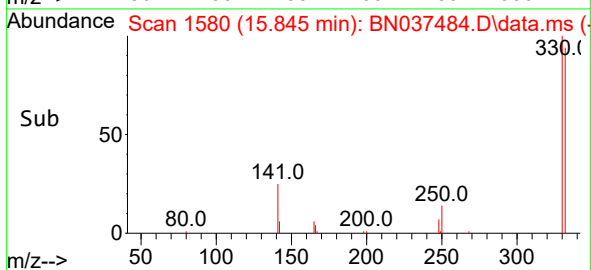
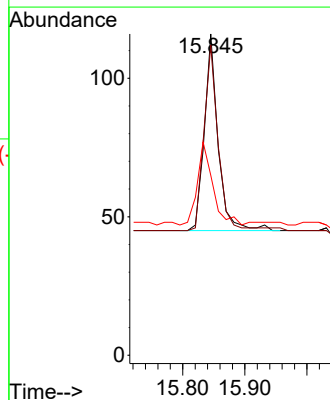
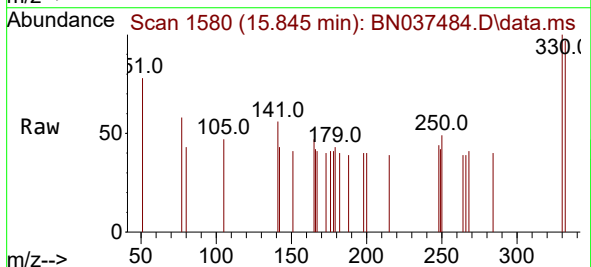
Tgt Ion:330 Resp: 109

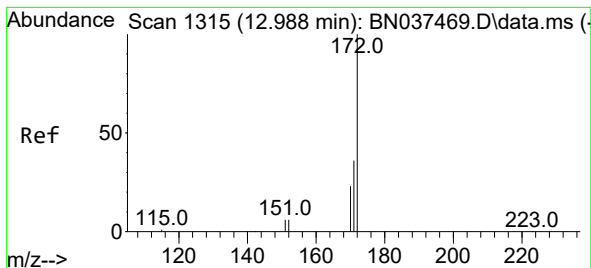
Ion Ratio Lower Upper

330 100

332 99.1 82.0 123.0

141 49.5 36.2 54.2

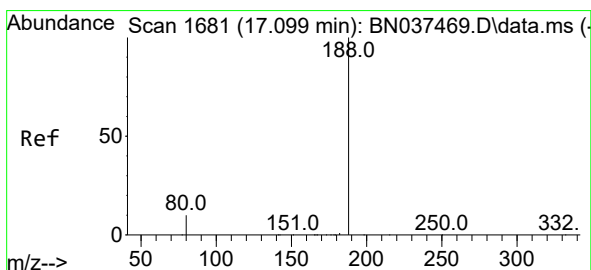
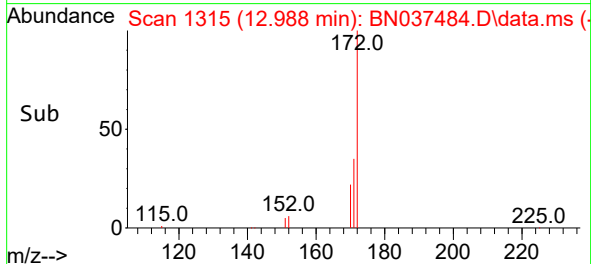
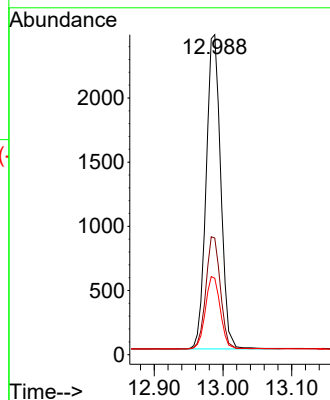
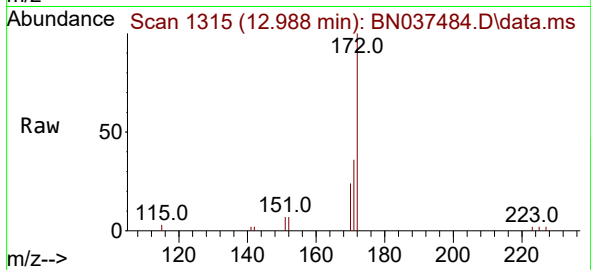




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.988 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037484.D
Acq: 14 Jul 2025 09:49

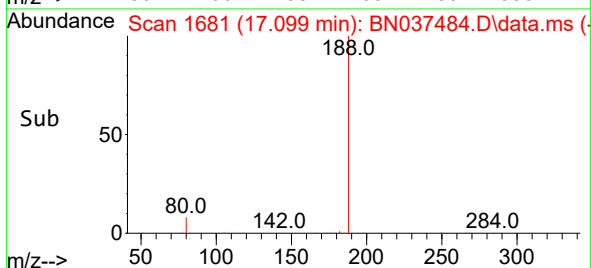
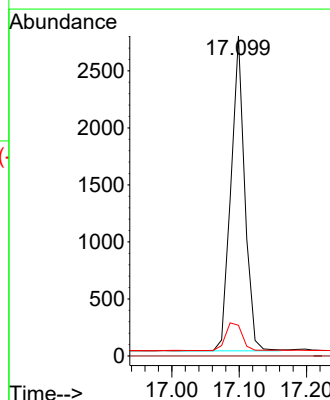
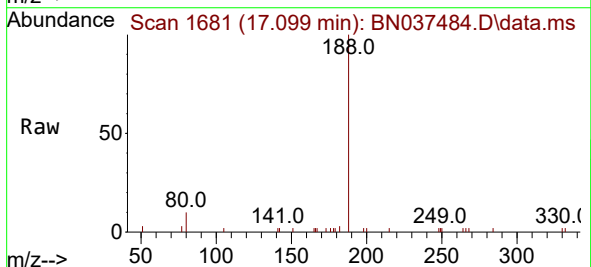
Instrument :
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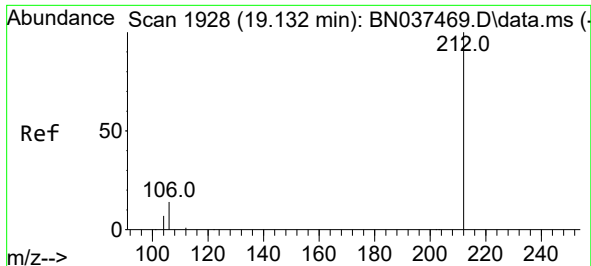
Tgt Ion:172 Resp: 4883
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.8
170 23.9 20.0 30.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN037484.D
Acq: 14 Jul 2025 09:49

Tgt Ion:188 Resp: 3944
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 9.3 13.9

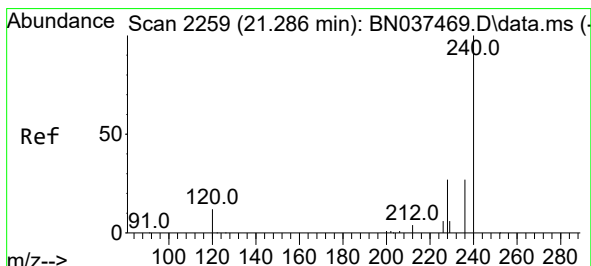
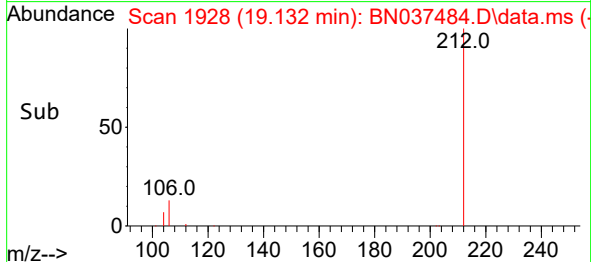
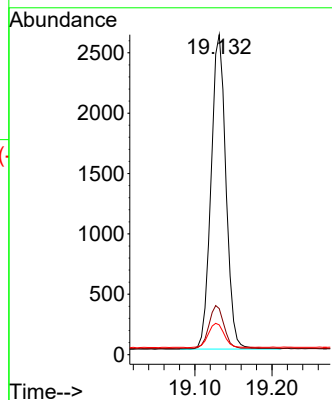
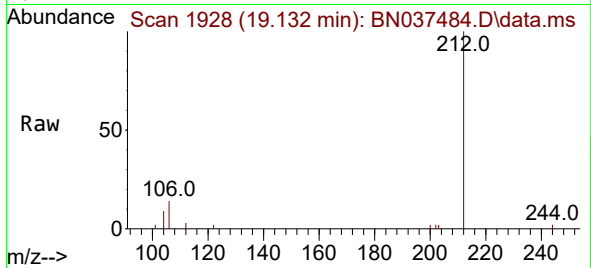




#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BN037484.D
Acq: 14 Jul 2025 09:49

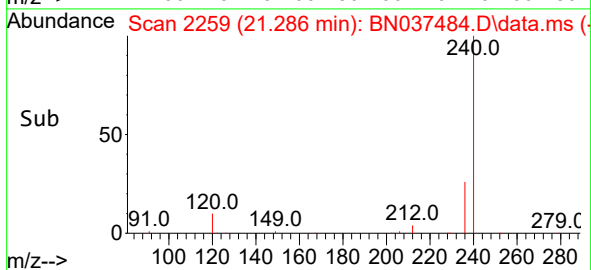
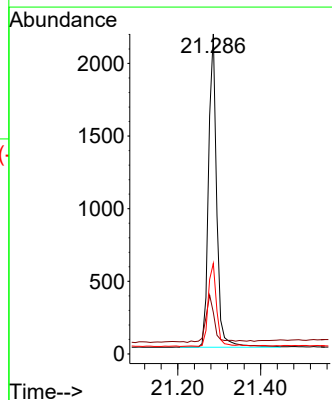
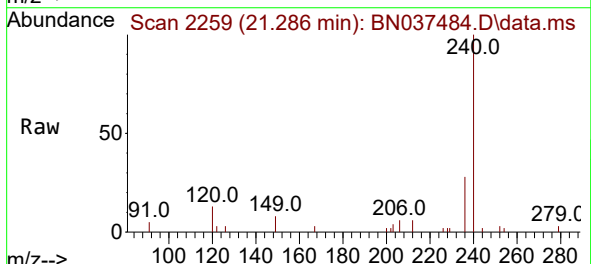
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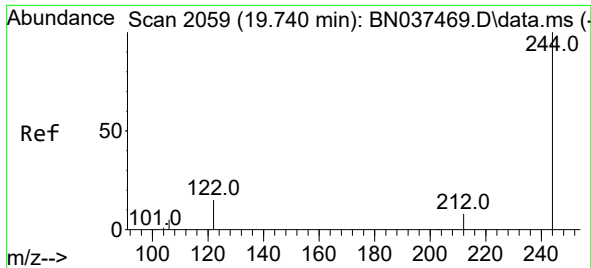
Tgt Ion:212 Resp: 3492
Ion Ratio Lower Upper
212 100
106 13.8 11.7 17.5
104 8.2 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BN037484.D
Acq: 14 Jul 2025 09:49

Tgt Ion:240 Resp: 2959
Ion Ratio Lower Upper
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120 13.0 12.4 18.6
236 28.3 22.9 34.3

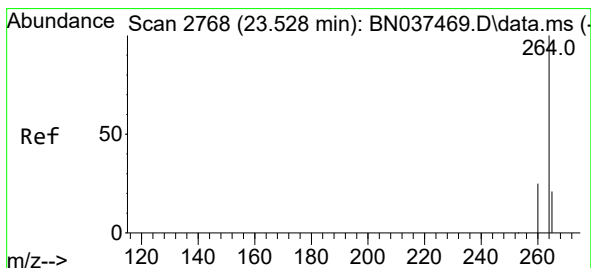
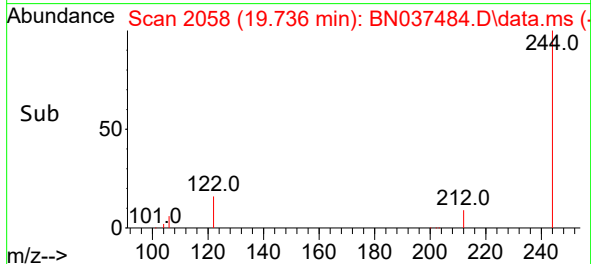
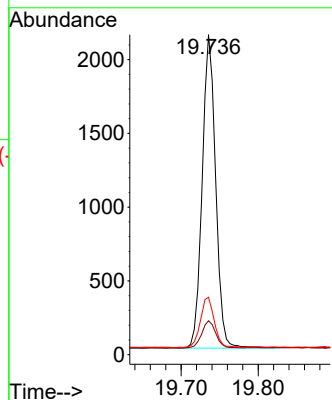
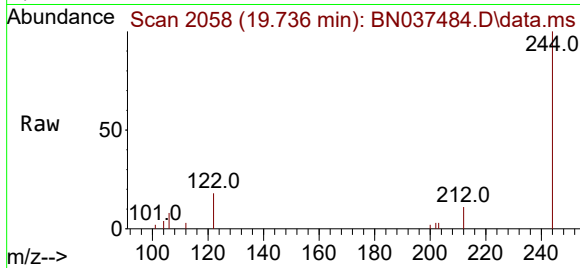




#31
 Terphenyl-d14
 Concen: 0.417 ng
 RT: 19.736 min Scan# 2058
 Delta R.T. -0.005 min
 Lab File: BN037484.D
 Acq: 14 Jul 2025 09:49

Instrument :
 BNA_N
 ClientSampleId :
 PB168696BL

Tgt Ion:244 Resp: 2573
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.7 13.1
 122 17.9 14.1 21.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.525 min Scan# 2767
 Delta R.T. -0.003 min
 Lab File: BN037484.D
 Acq: 14 Jul 2025 09:49

Tgt Ion:264 Resp: 2878
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.7 32.5
 265 54.0 41.6 62.4

