

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082825\
 Data File : BN037649.D
 Acq On : 28 Aug 2025 10:05
 Operator : RC/JU
 Sample : PB169421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169421BL

Quant Time: Aug 28 11:49:21 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	2813	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	6247	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2646	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5175	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4266	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	3908	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	2165	0.339	ng	0.00
5) Phenol-d6	6.879	99	2295	0.299	ng	0.00
8) Nitrobenzene-d5	8.854	82	1614	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	2677	0.315	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	337	0.291	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	5487	0.359	ng	-0.01
27) Fluoranthene-d10	19.113	212	4486	0.330	ng	0.00
31) Terphenyl-d14	19.717	244	3337	0.380	ng	0.00

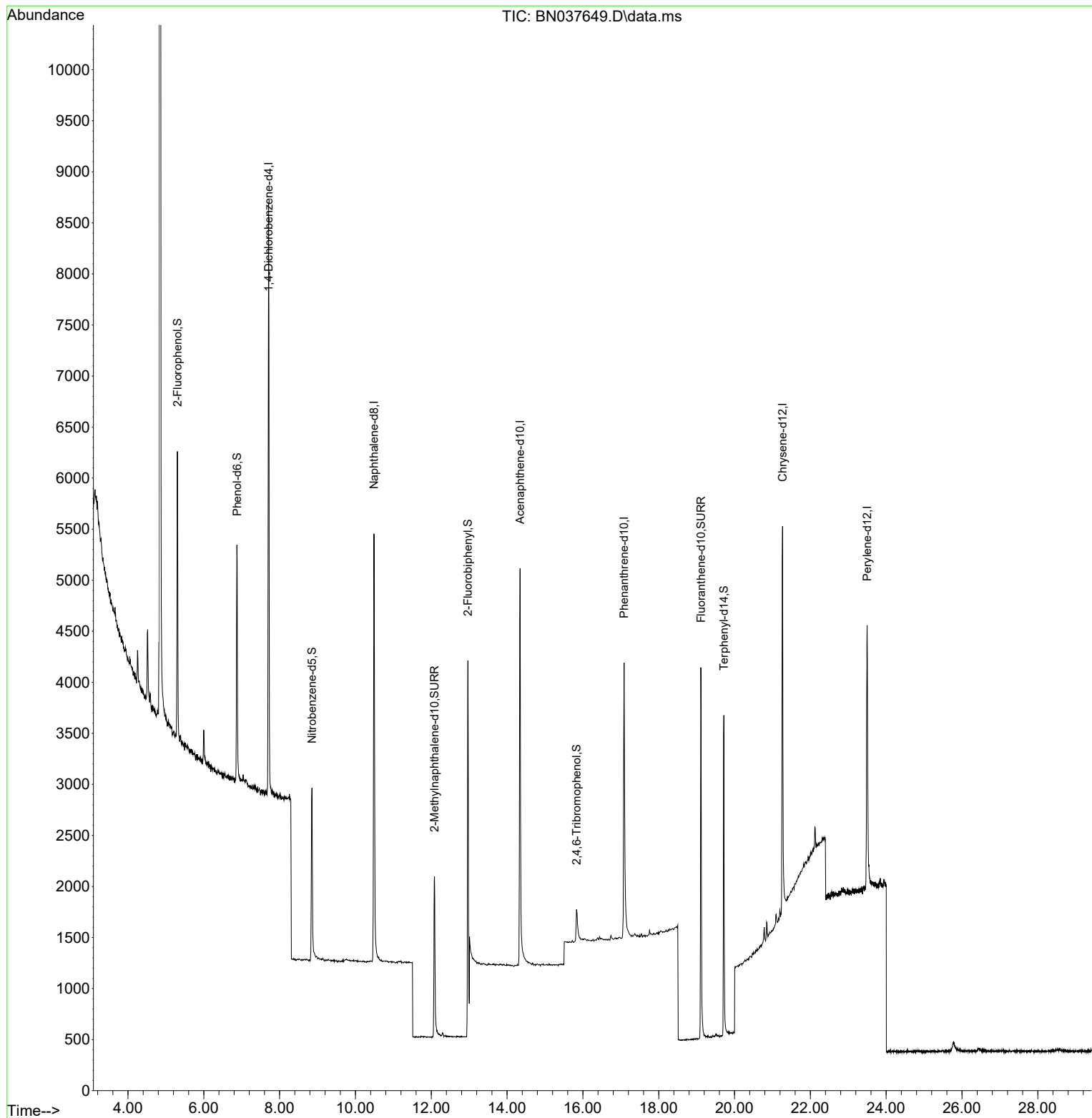
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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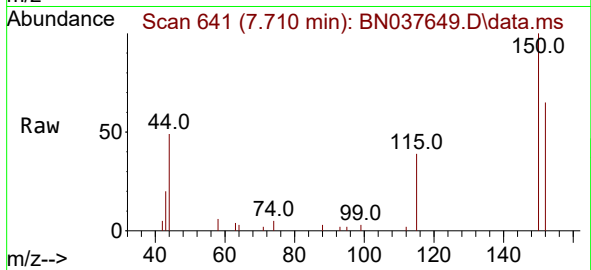
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



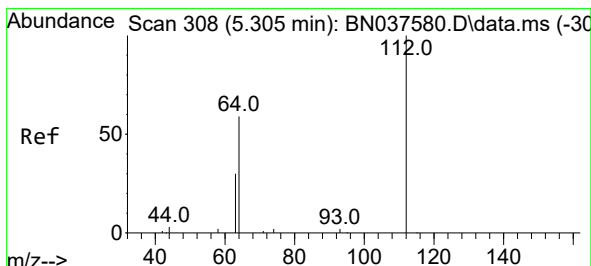
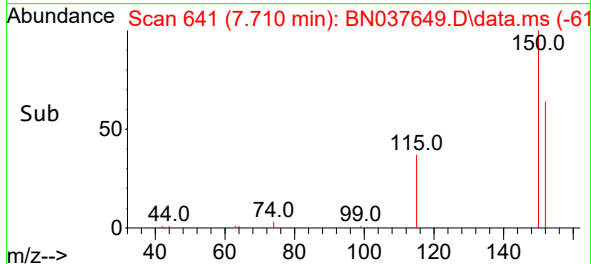
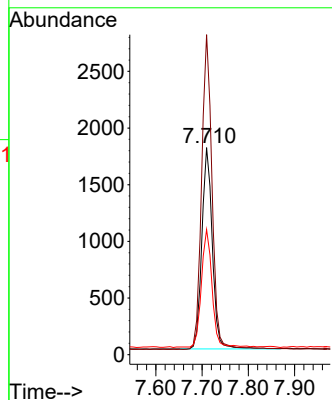


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037649.D
Acq: 28 Aug 2025 10:05

Instrument :
BNA_N
ClientSampleId :
PB169421BL

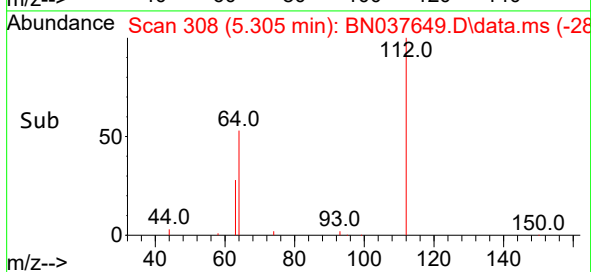
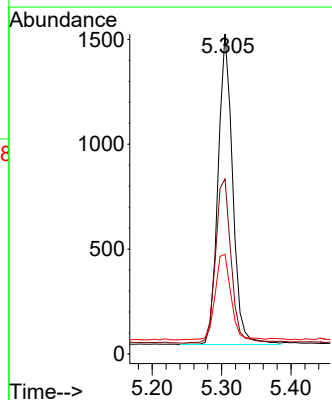
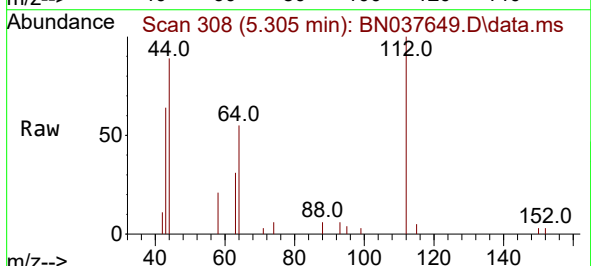


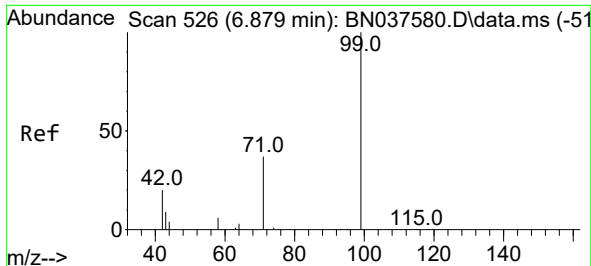
Tgt Ion:152 Resp: 2813
Ion Ratio Lower Upper
152 100
150 154.6 122.2 183.4
115 60.4 49.8 74.6



#4
2-Fluorophenol
Concen: 0.339 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037649.D
Acq: 28 Aug 2025 10:05

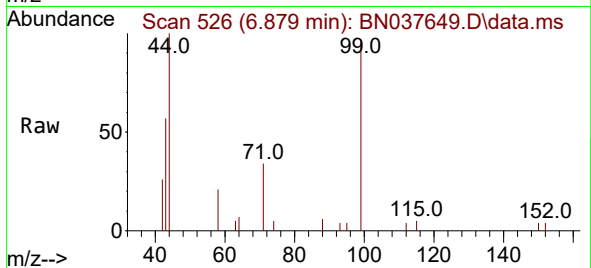
Tgt Ion:112 Resp: 2165
Ion Ratio Lower Upper
112 100
64 57.0 44.9 67.3
63 29.8 23.4 35.2



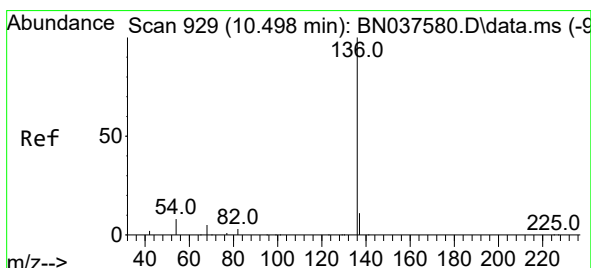
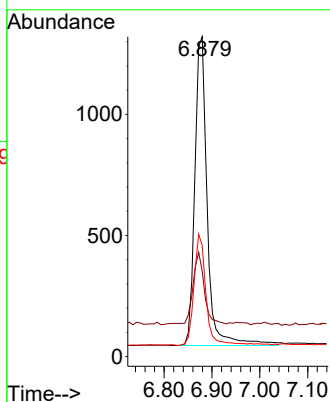
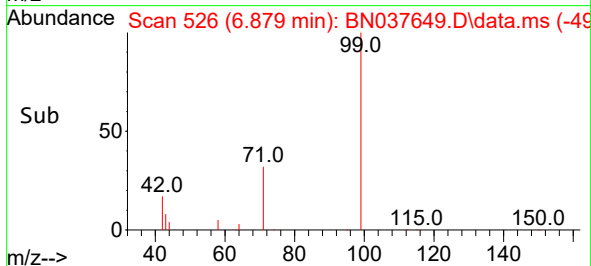


#5
Phenol-d6
Concen: 0.299 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037649.D
Acq: 28 Aug 2025 10:05

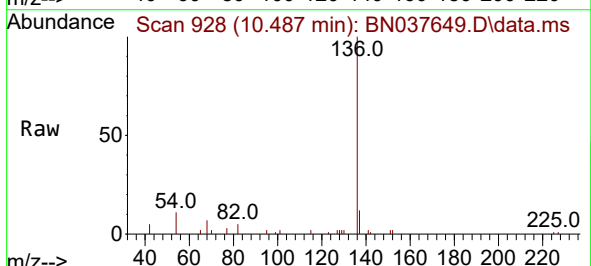
Instrument :
BNA_N
ClientSampleId :
PB169421BL



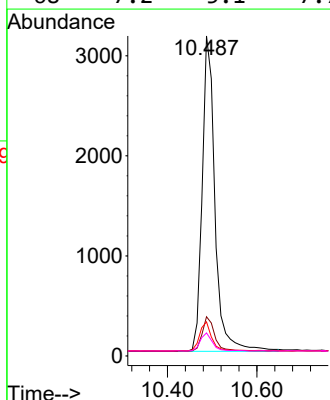
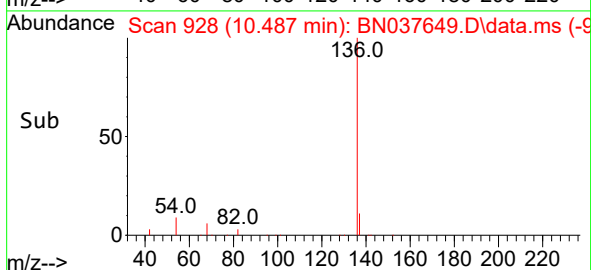
Tgt Ion:	99	Resp:	2295
Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.5	27.7
71	34.7	28.6	42.8

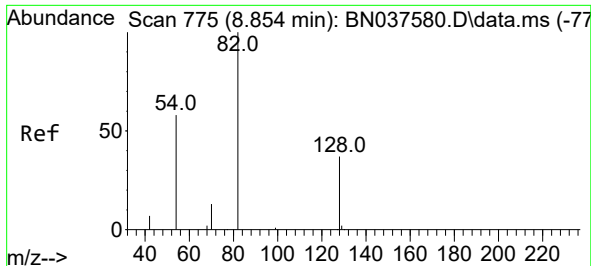


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.011 min
Lab File: BN037649.D
Acq: 28 Aug 2025 10:05



Tgt Ion:	136	Resp:	6247
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	10.7	7.3	10.9
68	7.2	5.1	7.7

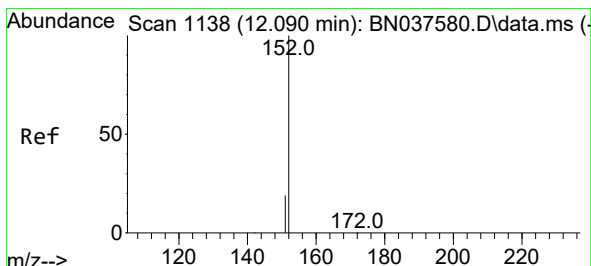
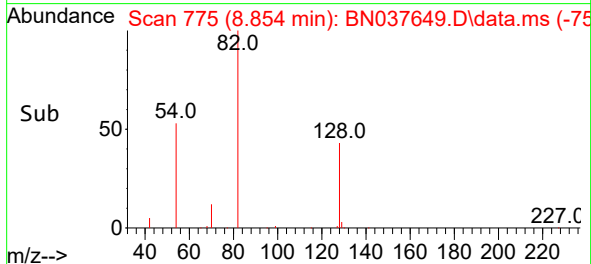
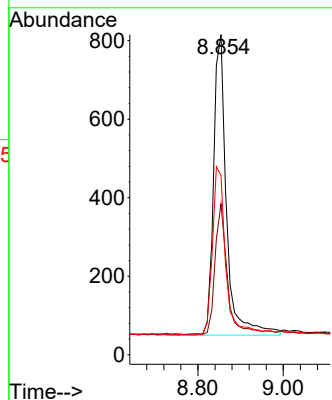
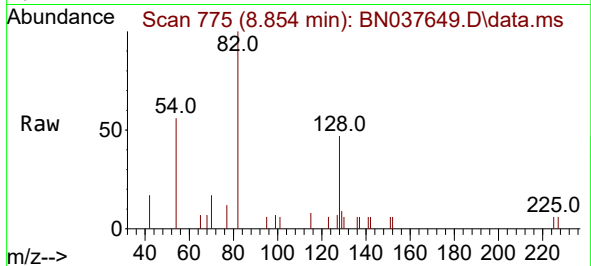




#8
 Nitrobenzene-d5
 Concen: 0.367 ng
 RT: 8.854 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN037649.D
 Acq: 28 Aug 2025 10:05

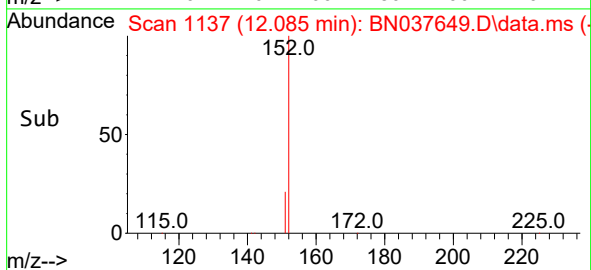
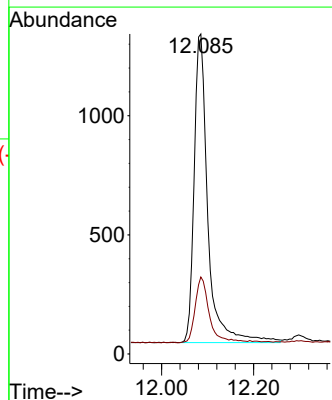
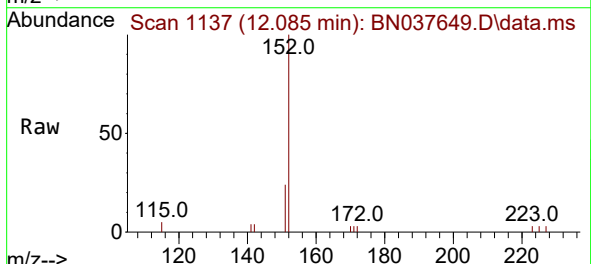
Instrument :
 BNA_N
 ClientSampleId :
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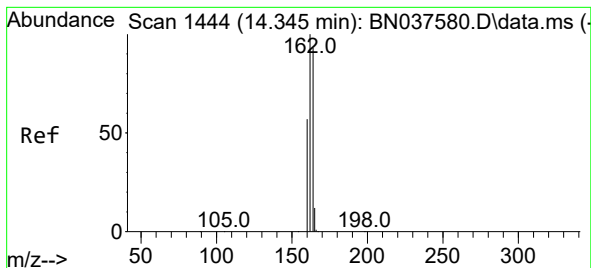
Tgt Ion: 82 Resp: 1614
 Ion Ratio Lower Upper
 82 100
 128 47.1 32.6 48.8
 54 56.0 48.9 73.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.315 ng
 RT: 12.085 min Scan# 1137
 Delta R.T. -0.005 min
 Lab File: BN037649.D
 Acq: 28 Aug 2025 10:05

Tgt Ion: 152 Resp: 2677
 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: BN037649.D

Acq: 28 Aug 2025 10:05

Instrument :

BNA_N

ClientSampleId :

PB169421BL

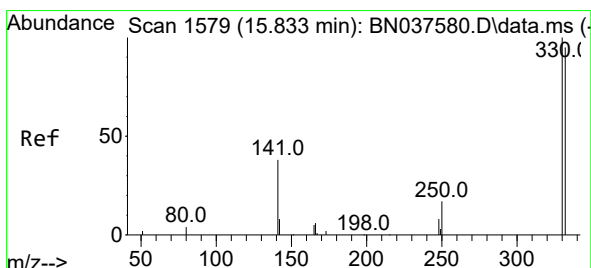
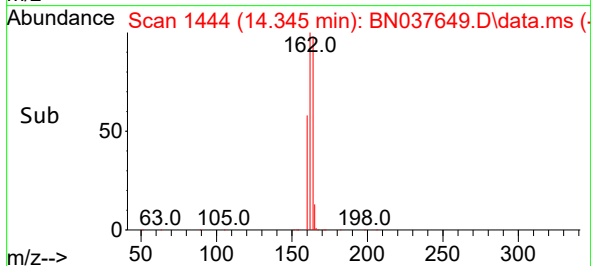
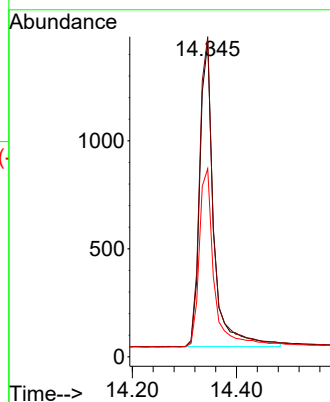
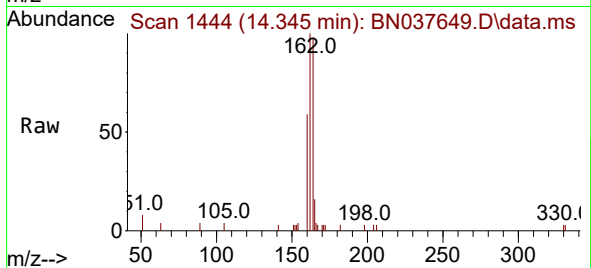
Tgt Ion:164 Resp: 2646

Ion Ratio Lower Upper

164 100

162 101.6 85.5 128.3

160 59.7 49.5 74.3



#14

2,4,6-Tribromophenol

Concen: 0.291 ng

RT: 15.833 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BN037649.D

Acq: 28 Aug 2025 10:05

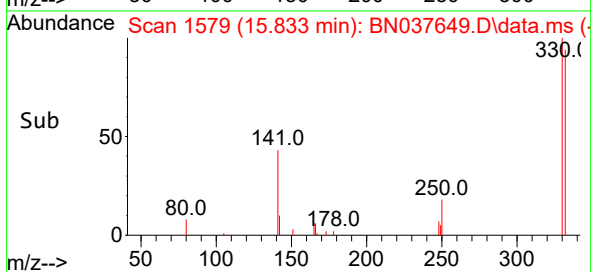
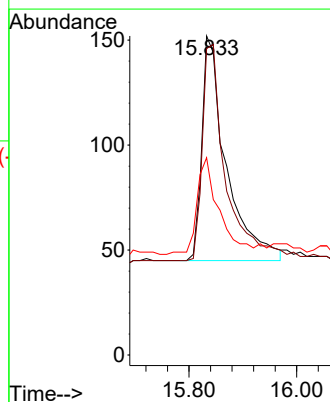
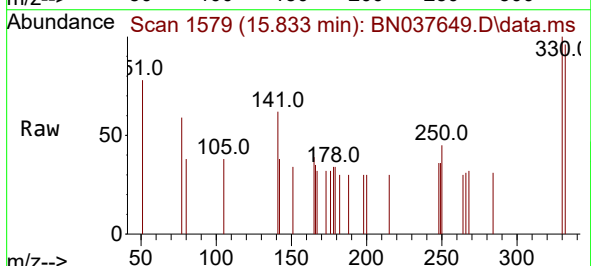
Tgt Ion:330 Resp: 337

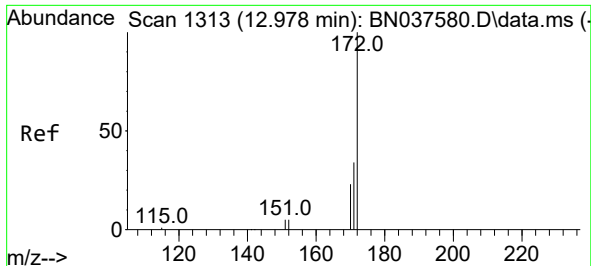
Ion Ratio Lower Upper

330 100

332 92.6 77.4 116.0

141 38.9 30.9 46.3

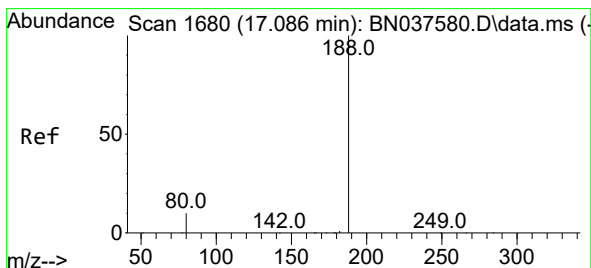
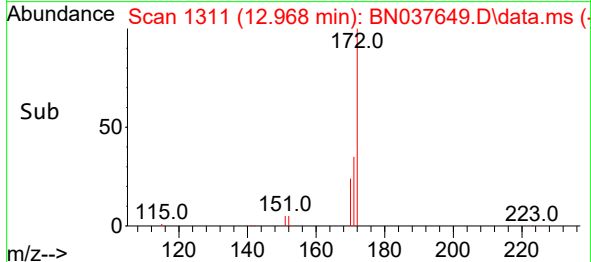
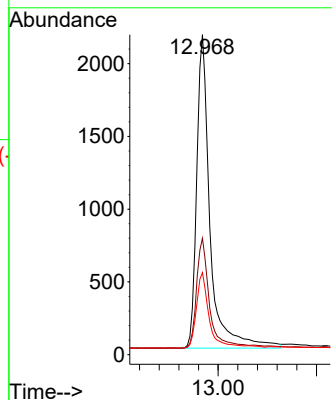
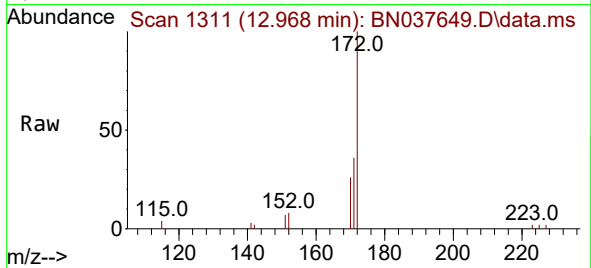




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037649.D
Acq: 28 Aug 2025 10:05

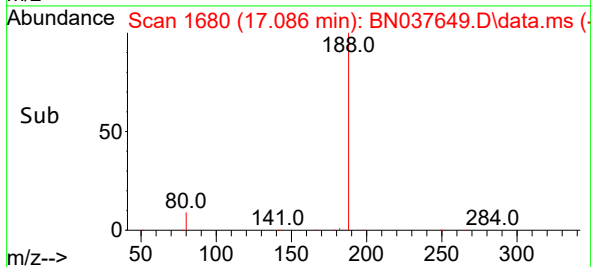
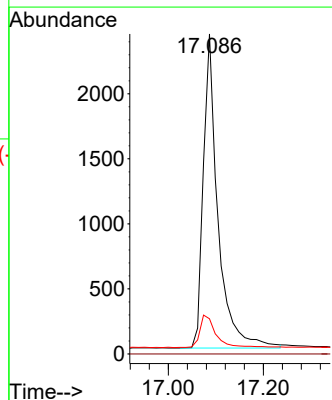
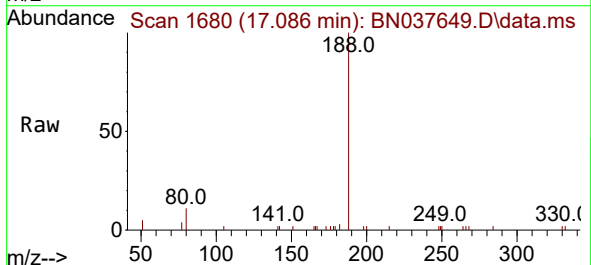
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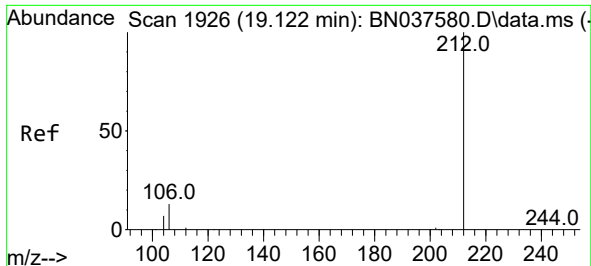
Tgt Ion:172 Resp: 5487
Ion Ratio Lower Upper
172 100
171 36.4 28.2 42.4
170 25.6 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037649.D
Acq: 28 Aug 2025 10:05

Tgt Ion:188 Resp: 5175
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.1 13.7

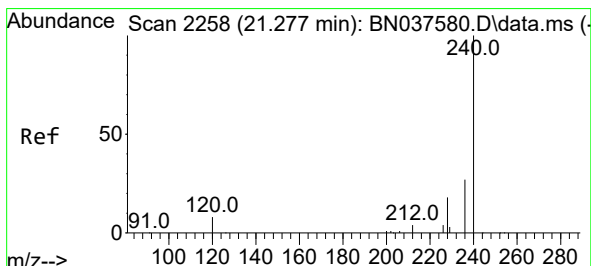
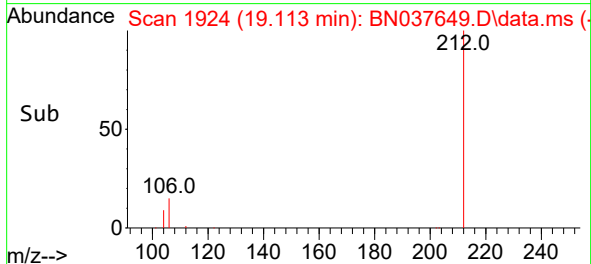
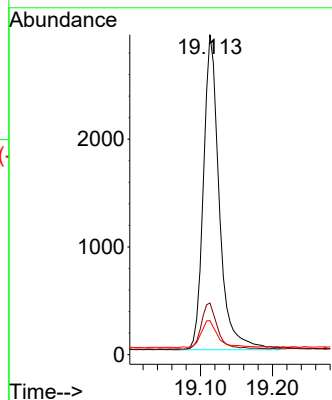
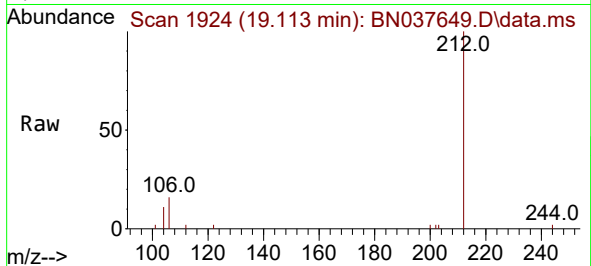




#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037649.D
Acq: 28 Aug 2025 10:05

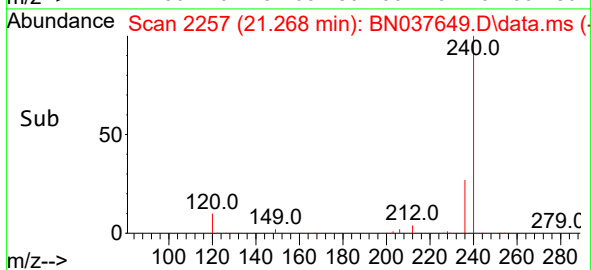
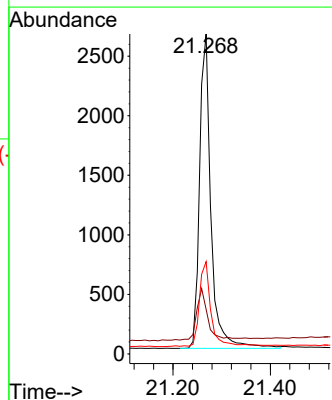
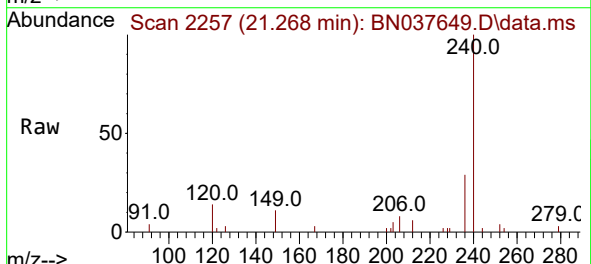
Instrument :
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ClientSampleId :
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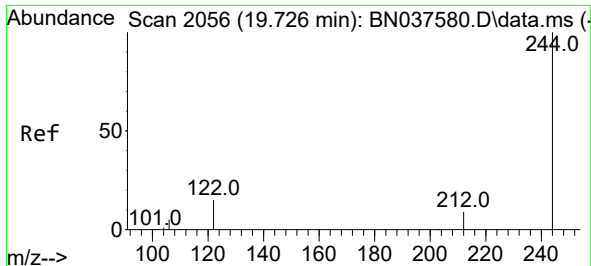
Tgt Ion:212 Resp: 4486
Ion Ratio Lower Upper
212 100
106 14.9 11.5 17.3
104 9.4 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037649.D
Acq: 28 Aug 2025 10:05

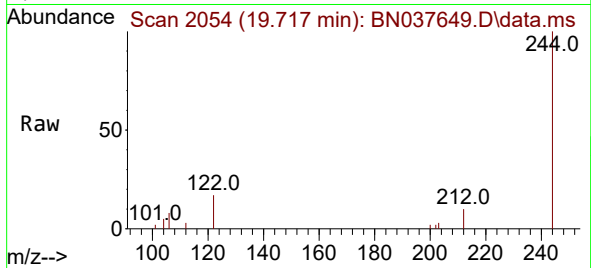
Tgt Ion:240 Resp: 4266
Ion Ratio Lower Upper
240 100
120 14.0 8.9 13.3#
236 28.8 22.6 33.8



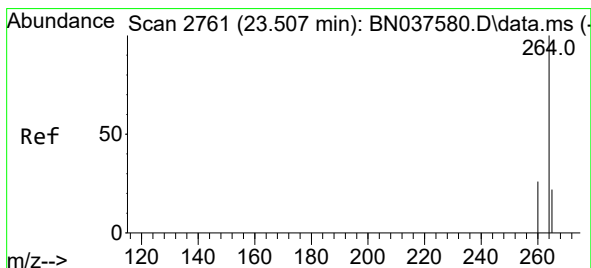
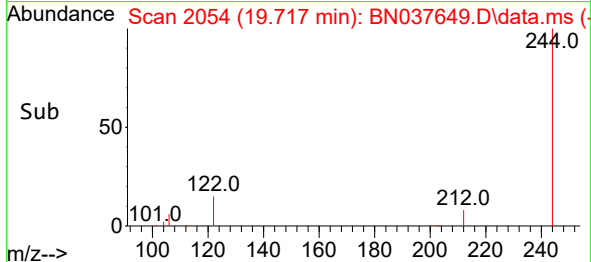
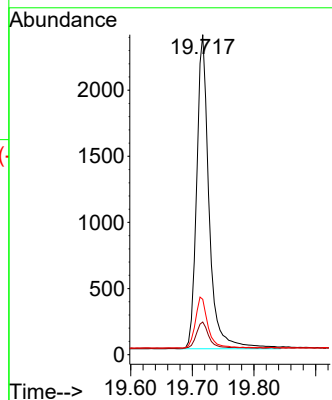


#31
 Terphenyl-d14
 Concen: 0.380 ng
 RT: 19.717 min Scan# 2054
 Delta R.T. -0.009 min
 Lab File: BN037649.D
 Acq: 28 Aug 2025 10:05

Instrument :
 BNA_N
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Tgt Ion:244 Resp: 3337
 Ion Ratio Lower Upper
 244 100
 212 10.2 8.2 12.2
 122 17.3 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.499 min Scan# 2758
 Delta R.T. -0.009 min
 Lab File: BN037649.D
 Acq: 28 Aug 2025 10:05

Tgt Ion:264 Resp: 3908
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.6 32.4
 265 86.7 48.2 72.4#

