

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037601.D
 Acq On : 19 Aug 2025 11:16
 Operator : RC/JU
 Sample : PB169286BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BL

Quant Time: Aug 20 01:24:39 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	3102	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	7290	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	3299	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	6205	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4772	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	4383	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2485	0.353	ng	0.00
5) Phenol-d6	6.879	99	2725	0.322	ng	0.00
8) Nitrobenzene-d5	8.854	82	1829	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	3261	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	354	0.245	ng	0.01
15) 2-Fluorobiphenyl	12.973	172	6705	0.351	ng	0.00
27) Fluoranthene-d10	19.118	212	5235	0.321	ng	0.00
31) Terphenyl-d14	19.722	244	3798	0.387	ng	0.00

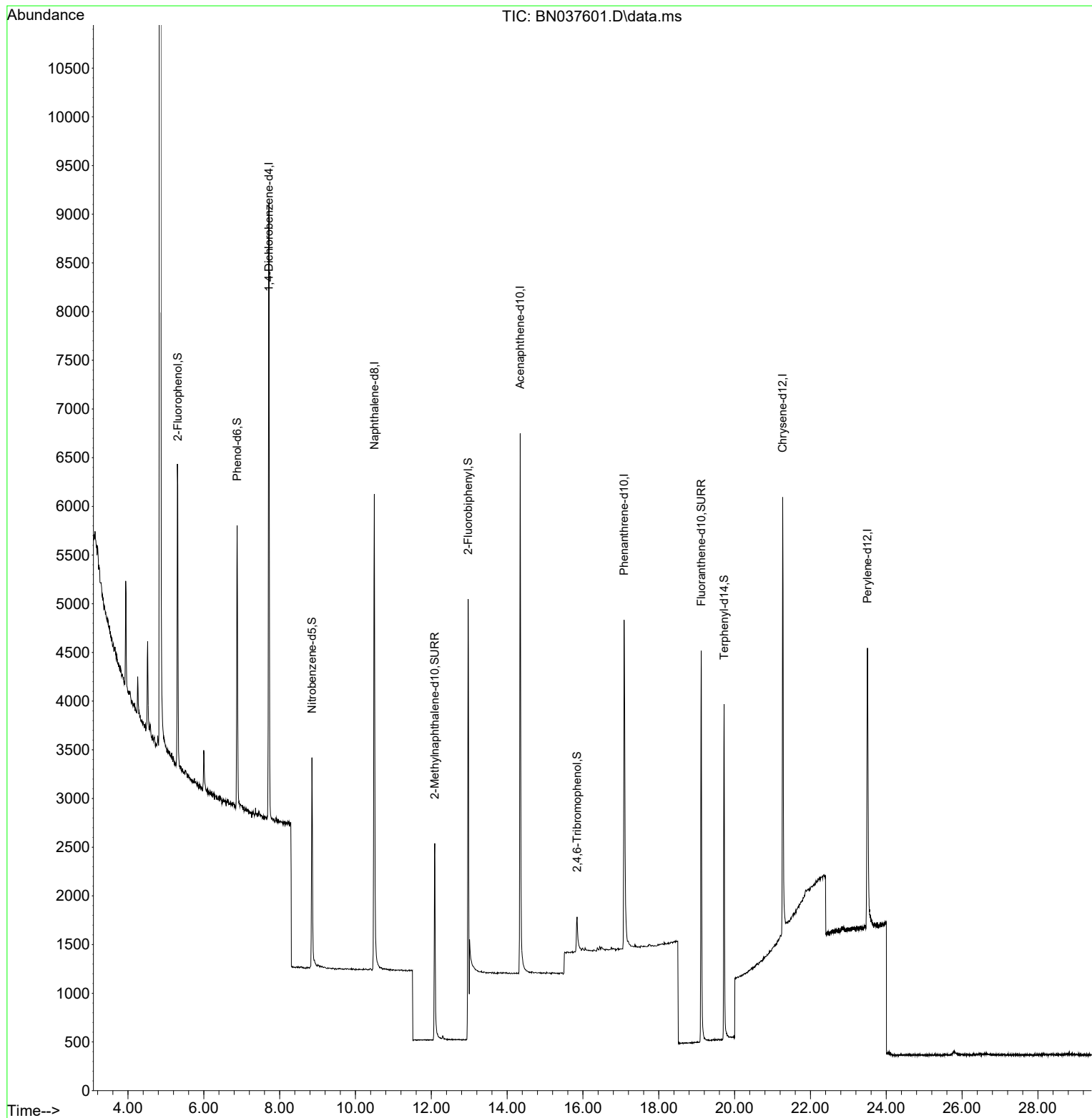
Target Compounds Qvalue

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

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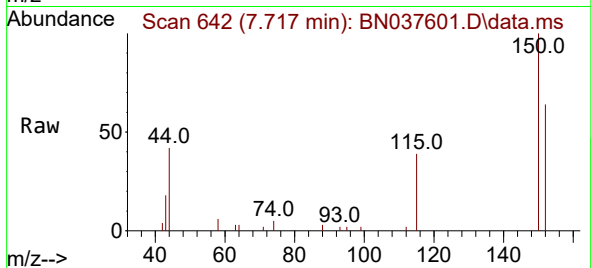
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
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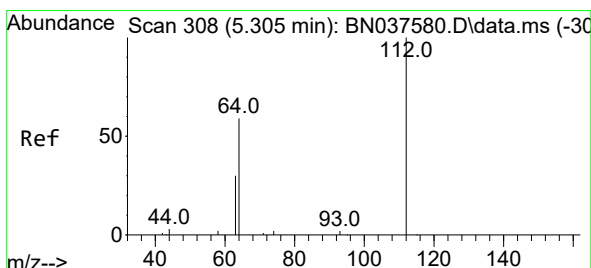
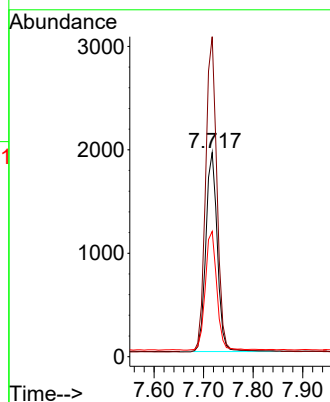
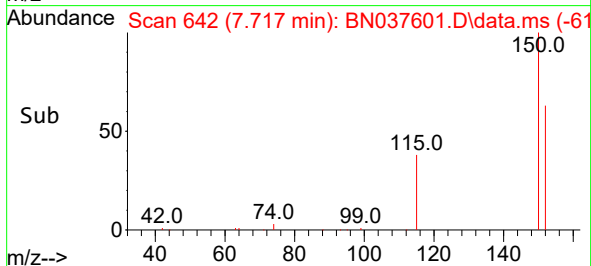


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

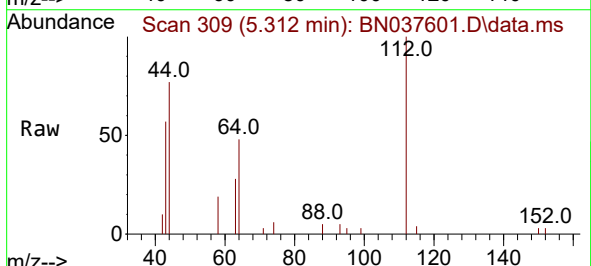
Instrument :
BNA_N
ClientSampleId :
PB169286BL



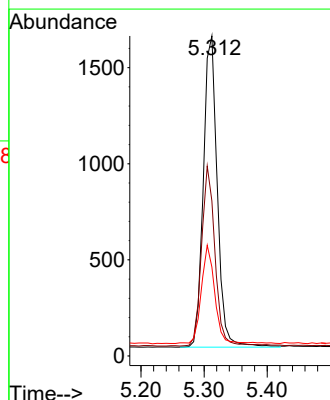
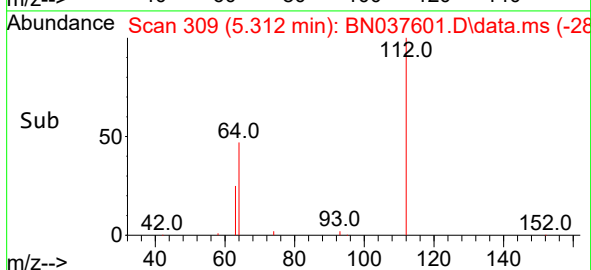
Tgt Ion:152 Resp: 3102
Ion Ratio Lower Upper
152 100
150 156.7 122.2 183.4
115 61.3 49.8 74.6

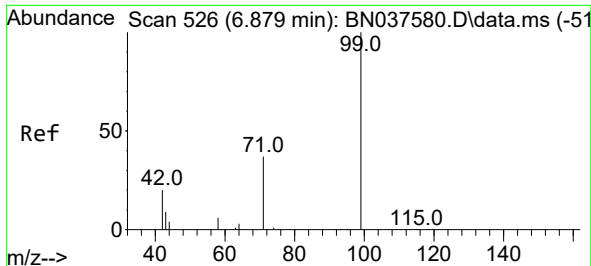


#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.007 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16



Tgt Ion:112 Resp: 2485
Ion Ratio Lower Upper
112 100
64 56.1 44.9 67.3
63 30.3 23.4 35.2

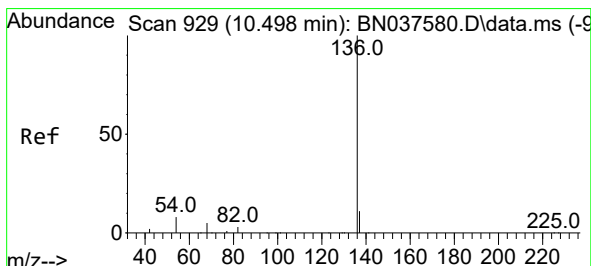
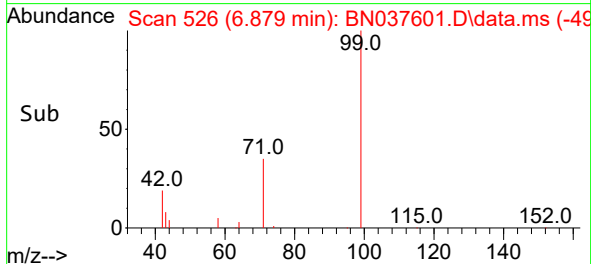
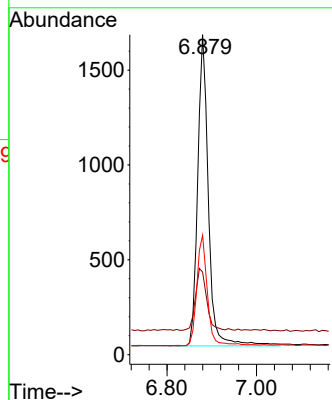
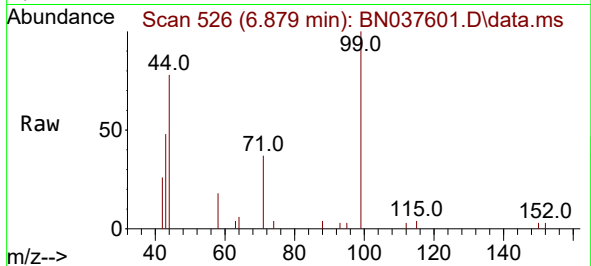




#5
Phenol-d6
Concen: 0.322 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

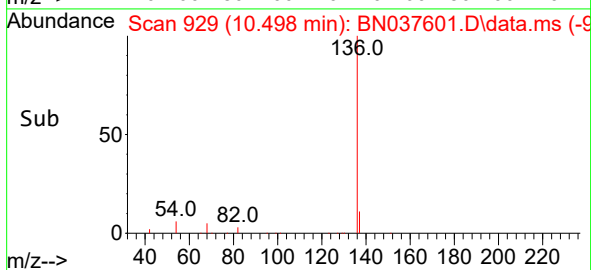
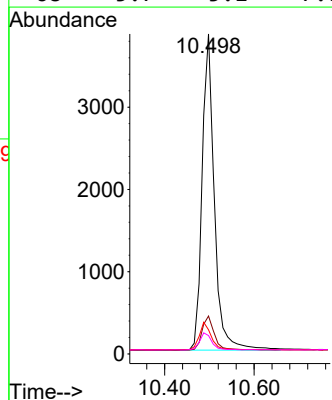
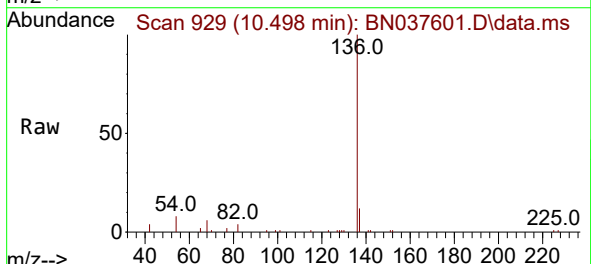
Instrument :
BNA_N
ClientSampleId :
PB169286BL

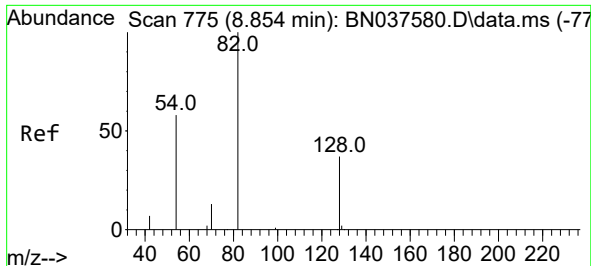
Tgt Ion: 99 Resp: 2725
Ion Ratio Lower Upper
99 100
42 20.3 18.5 27.7
71 35.2 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

Tgt Ion: 136 Resp: 7290
Ion Ratio Lower Upper
136 100
137 11.8 9.5 14.3
54 7.6 7.3 10.9
68 5.7 5.1 7.7

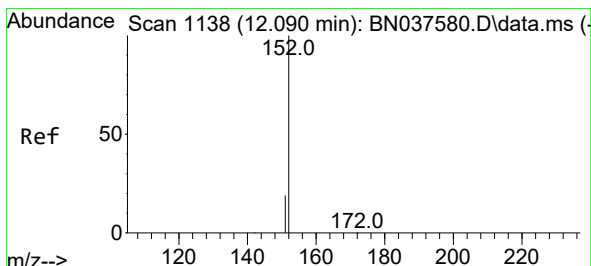
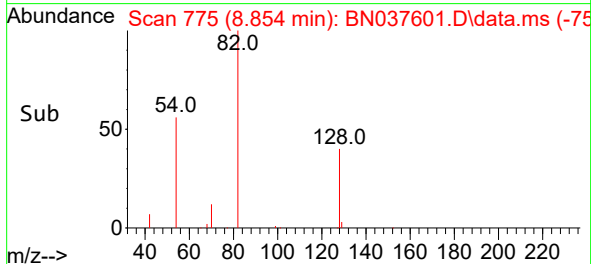
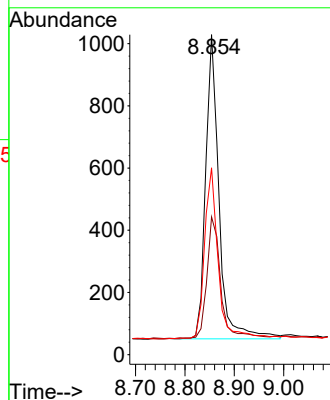
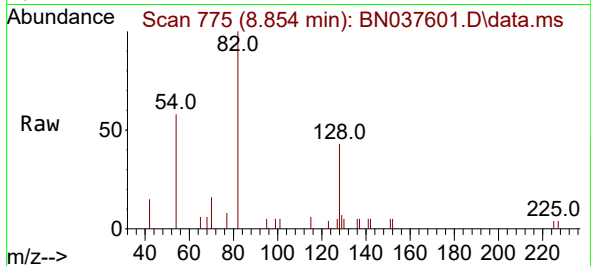




#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

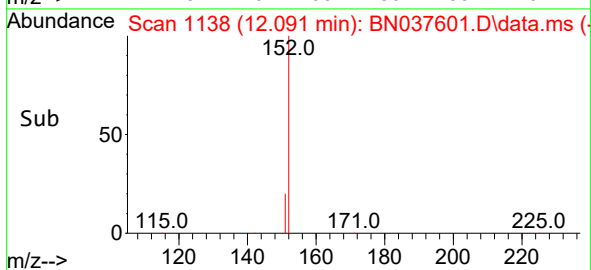
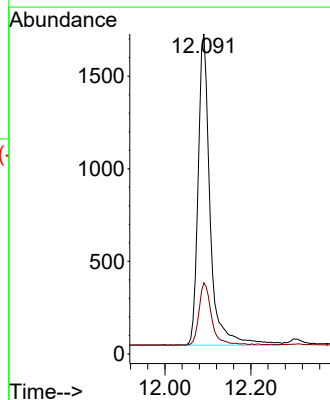
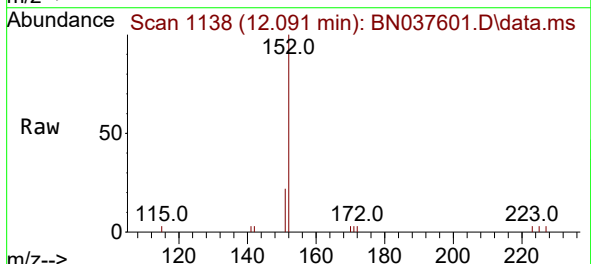
Instrument :
BNA_N
ClientSampleId :
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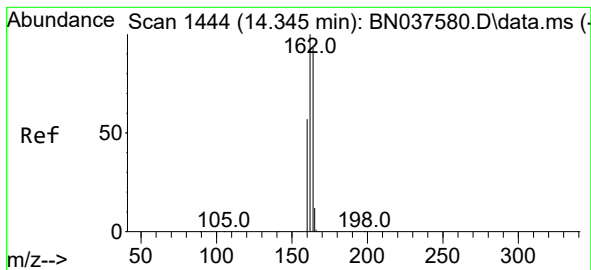
Tgt Ion: 82 Resp: 1829
Ion Ratio Lower Upper
82 100
128 43.1 32.6 48.8
54 58.4 48.9 73.3



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.091 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

Tgt Ion:152 Resp: 3261
Ion Ratio Lower Upper
152 100
151 20.9 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: BN037601.D

Acq: 19 Aug 2025 11:16

Instrument :

BNA_N

ClientSampleId :

PB169286BL

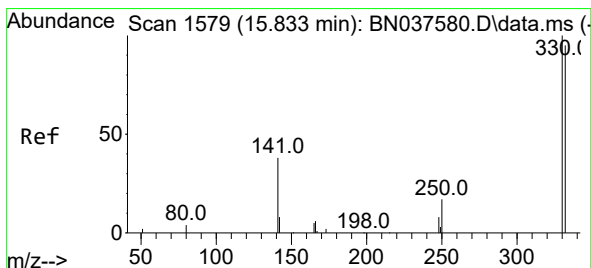
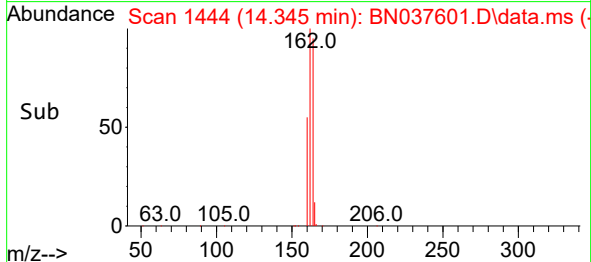
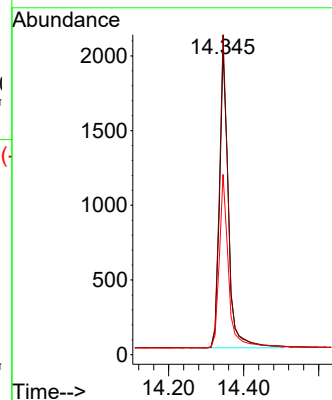
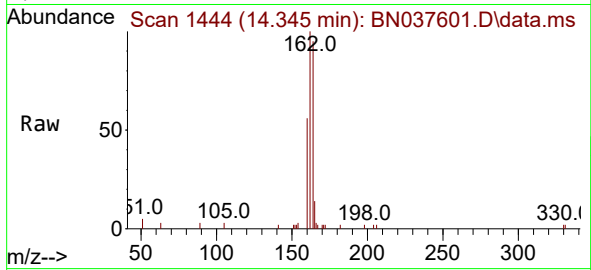
Tgt Ion:164 Resp: 3299

Ion Ratio Lower Upper

164 100

162 105.3 85.5 128.3

160 59.3 49.5 74.3



#14

2,4,6-Tribromophenol

Concen: 0.245 ng

RT: 15.845 min Scan# 1580

Delta R.T. 0.013 min

Lab File: BN037601.D

Acq: 19 Aug 2025 11:16

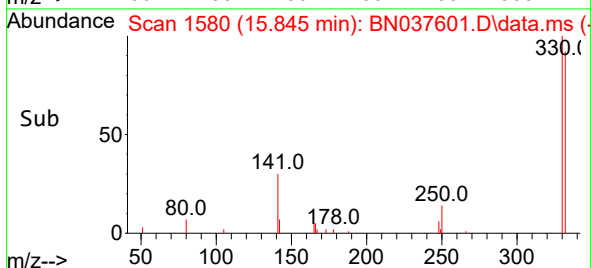
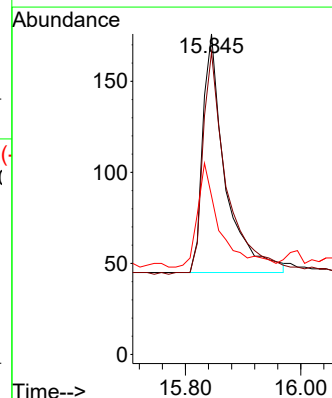
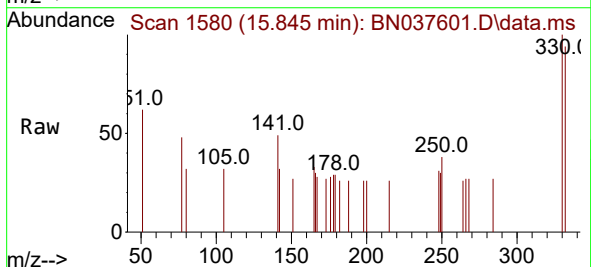
Tgt Ion:330 Resp: 354

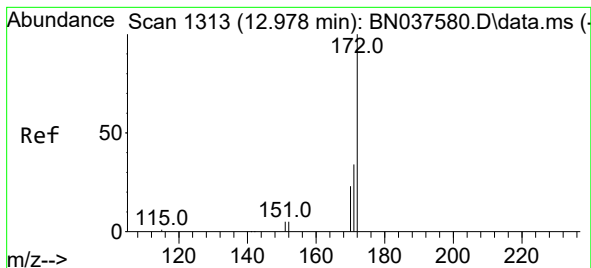
Ion Ratio Lower Upper

330 100

332 101.4 77.4 116.0

141 43.2 30.9 46.3

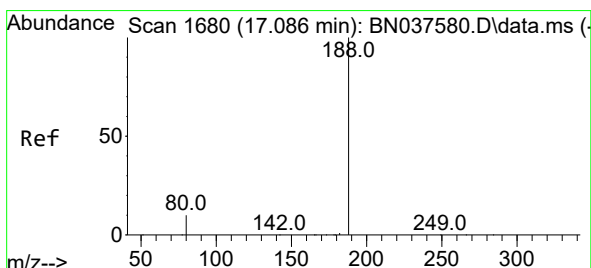
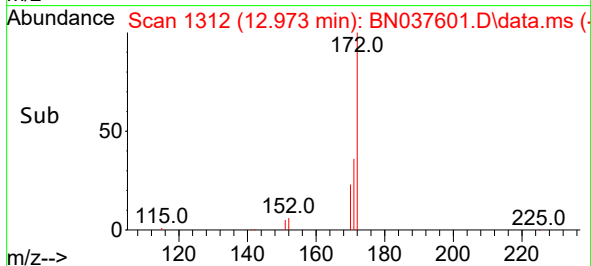
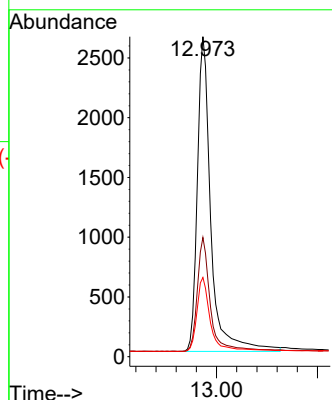
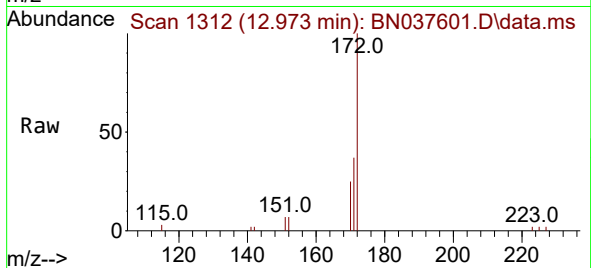




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

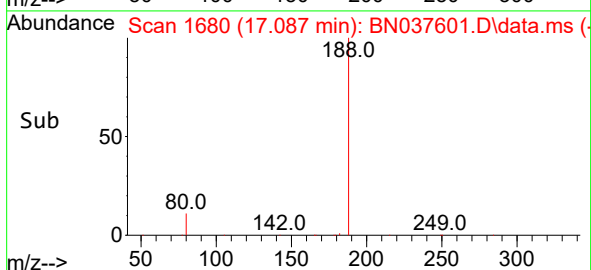
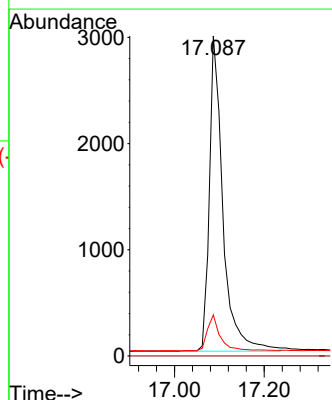
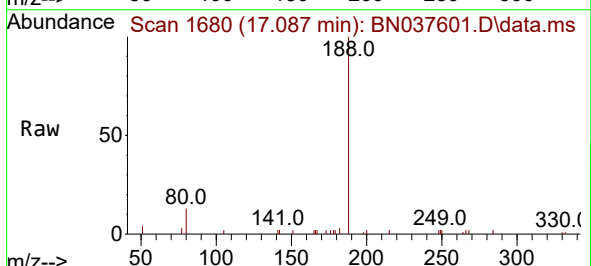
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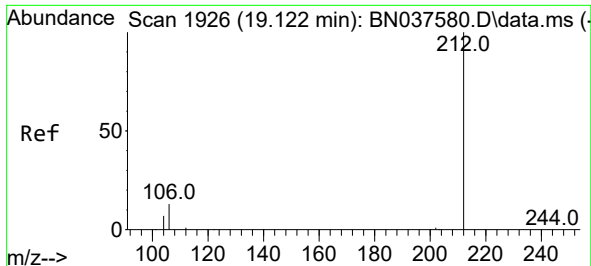
Tgt Ion:172 Resp: 6705
Ion Ratio Lower Upper
172 100
171 37.3 28.2 42.4
170 24.8 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

Tgt Ion:188 Resp: 6205
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.1 13.7

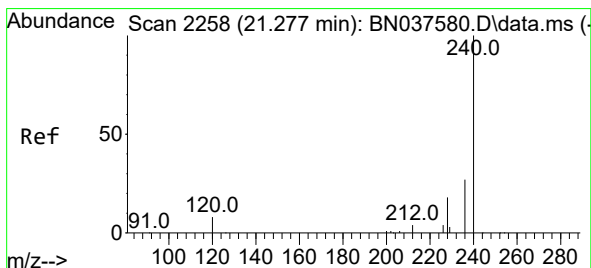
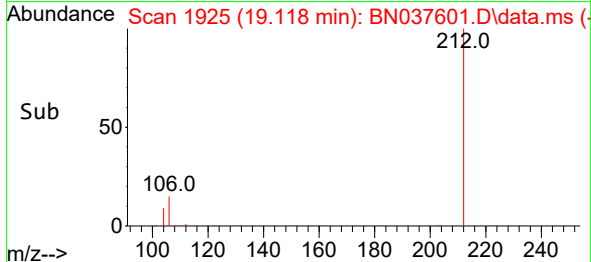
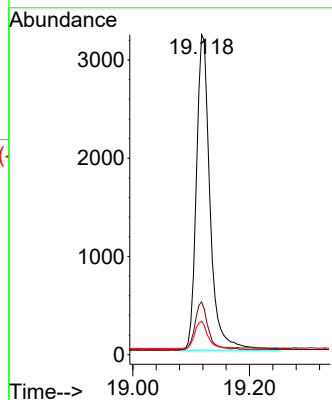
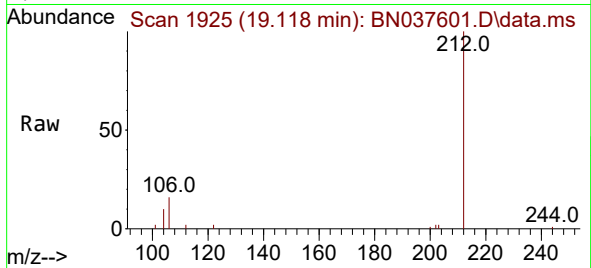




#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

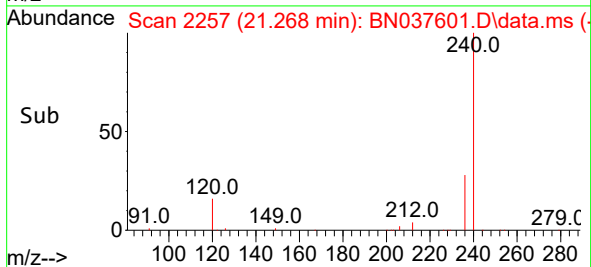
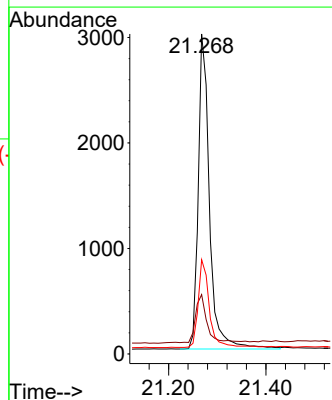
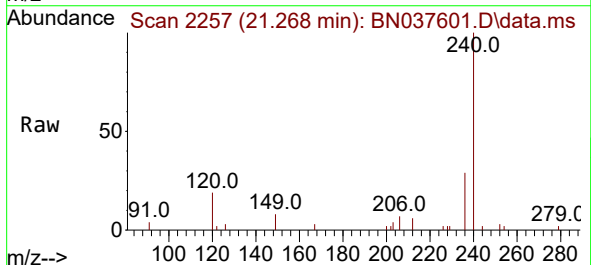
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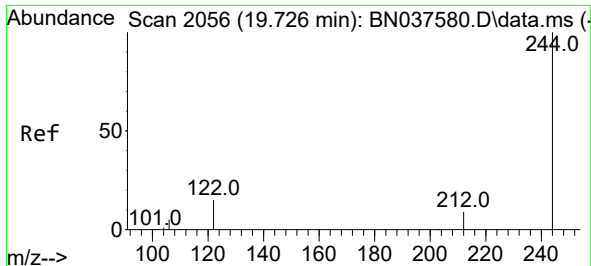
Tgt Ion:212 Resp: 5235
Ion Ratio Lower Upper
212 100
106 14.2 11.5 17.3
104 8.4 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

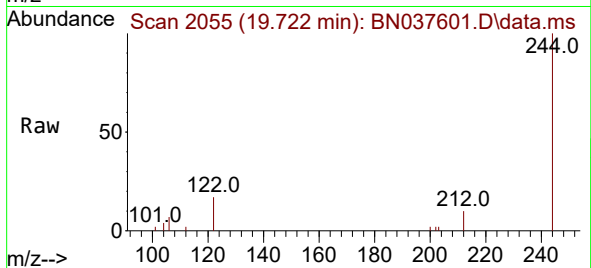
Tgt Ion:240 Resp: 4772
Ion Ratio Lower Upper
240 100
120 18.5 8.9 13.3#
236 29.4 22.6 33.8



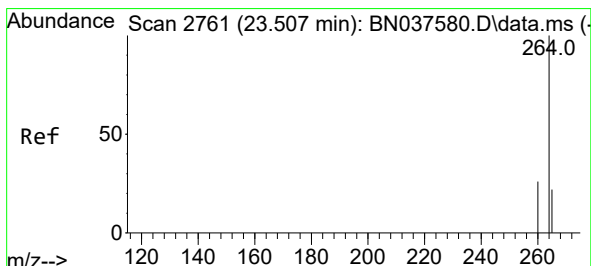
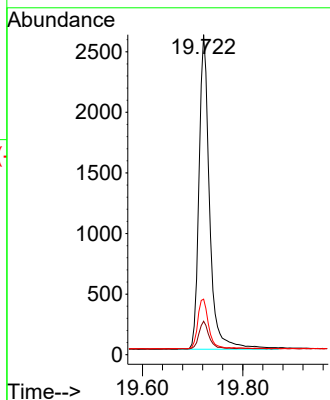
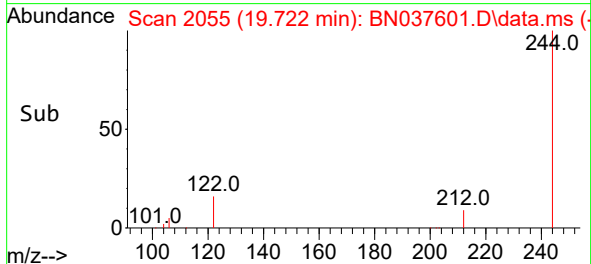


#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.004 min
Lab File: BN037601.D
Acq: 19 Aug 2025 11:16

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 3798
Ion Ratio Lower Upper
244 100
212 10.5 8.2 12.2
122 17.4 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: BN037601.D
Acq: 19 Aug 2025 11:16

Tgt Ion:264 Resp: 4383
Ion Ratio Lower Upper
264 100
260 26.8 21.6 32.4
265 71.3 48.2 72.4

