

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037619.D
 Acq On : 20 Aug 2025 04:50
 Operator : RC/JU
 Sample : PB169286BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BL

Quant Time: Aug 20 06:13:41 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	2323	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5229	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2344	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4466	0.400	ng	0.00
29) Chrysene-d12	21.268	240	3733	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	3552	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	1799	0.342	ng	0.00
5) Phenol-d6	6.880	99	1860	0.293	ng	0.00
8) Nitrobenzene-d5	8.854	82	1323	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	2298	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	240	0.234	ng	0.01
15) 2-Fluorobiphenyl	12.968	172	4692	0.346	ng	0.00
27) Fluoranthene-d10	19.118	212	3886	0.331	ng	0.00
31) Terphenyl-d14	19.717	244	2840	0.370	ng	0.00

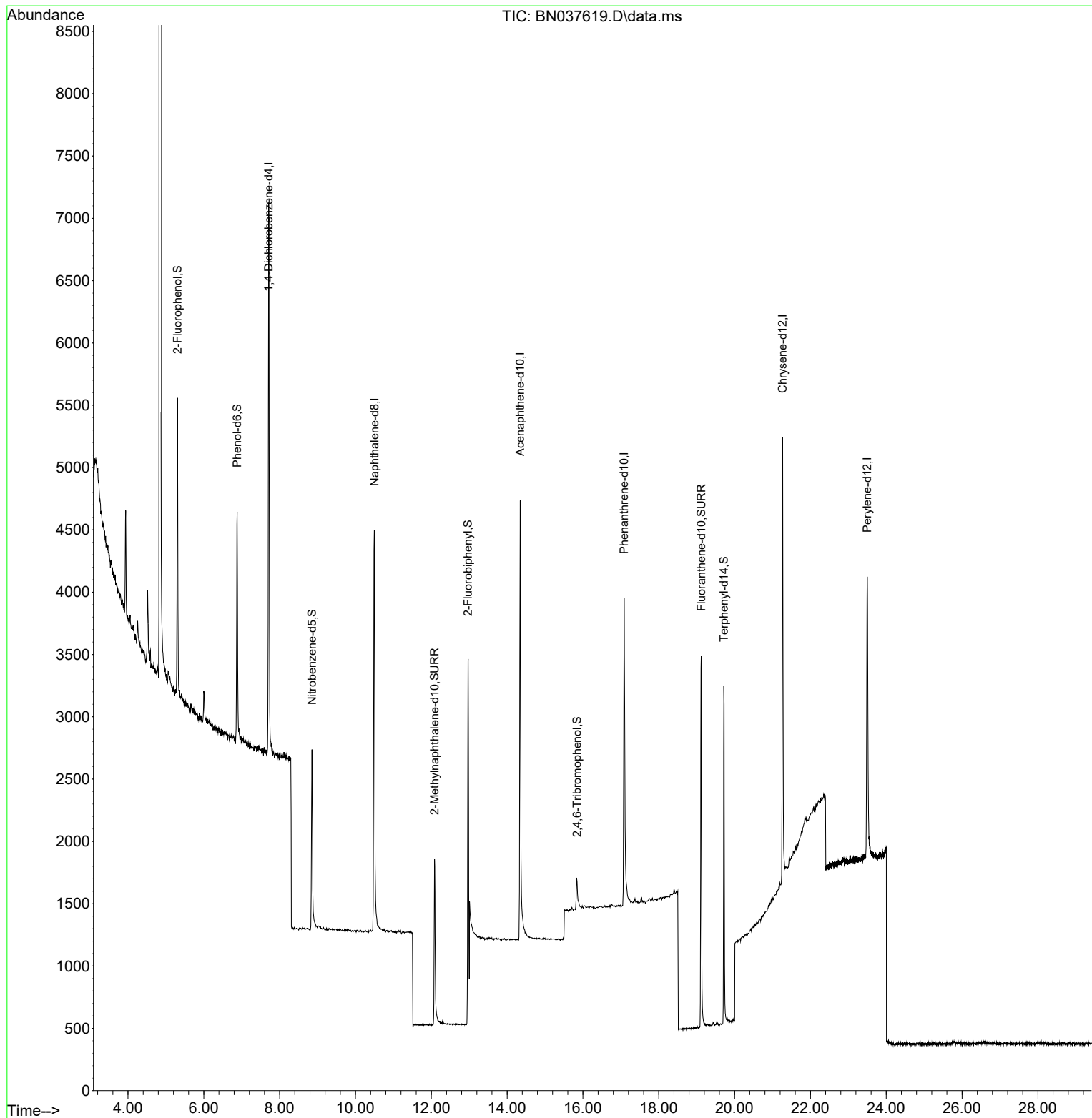
Target Compounds	Qvalue
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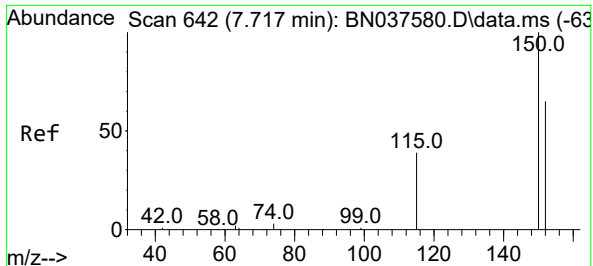
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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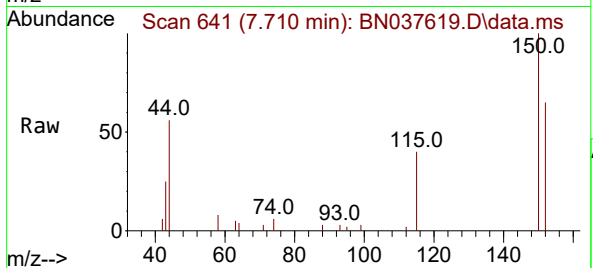
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



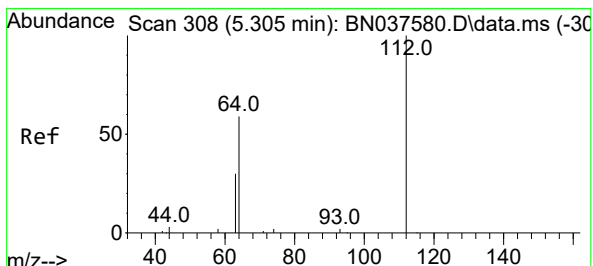
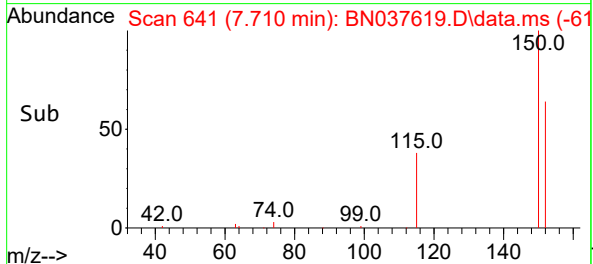
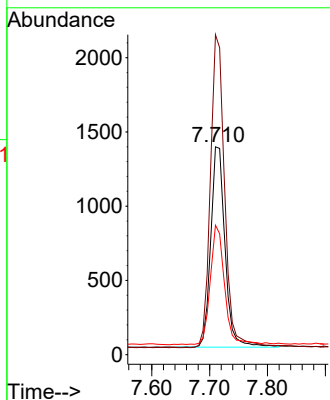


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Instrument :
BNA_N
ClientSampleId :
PB169286BL

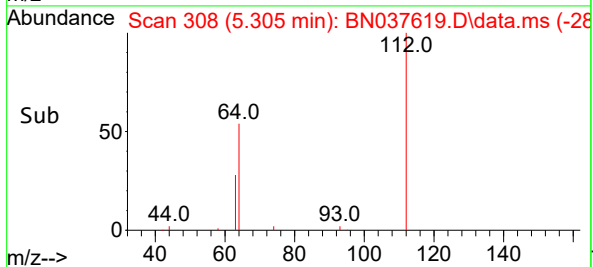
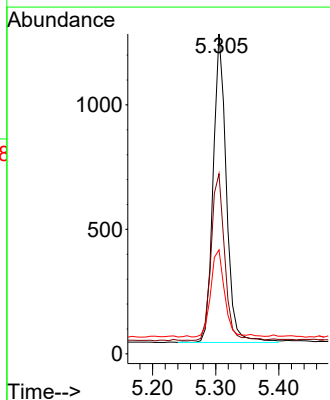
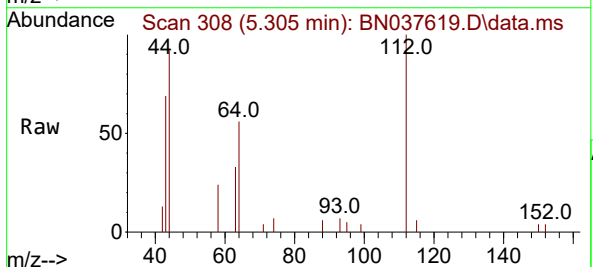


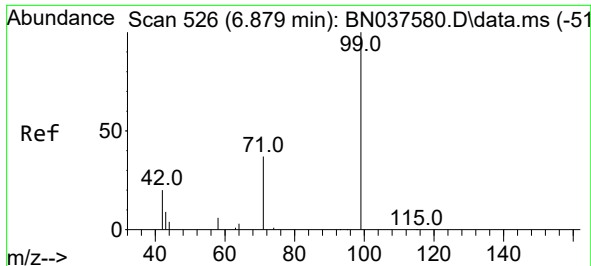
Tgt Ion:152 Resp: 2323
Ion Ratio Lower Upper
152 100
150 153.9 122.2 183.4
115 62.3 49.8 74.6



#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:112 Resp: 1799
Ion Ratio Lower Upper
112 100
64 55.3 44.9 67.3
63 30.0 23.4 35.2

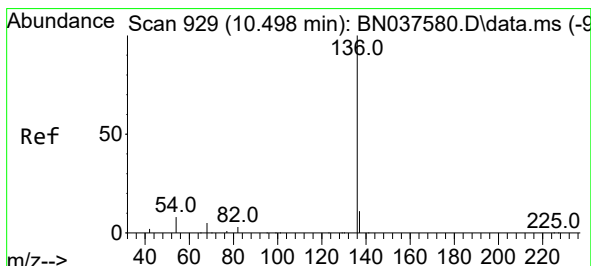
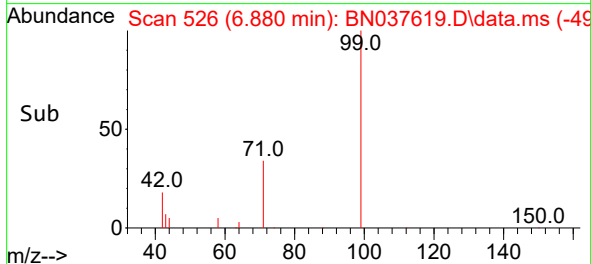
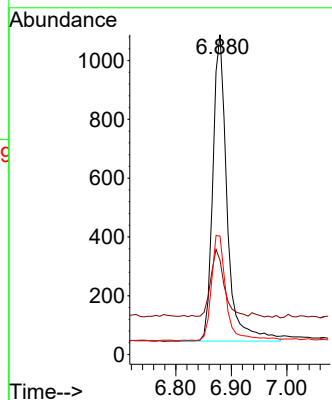
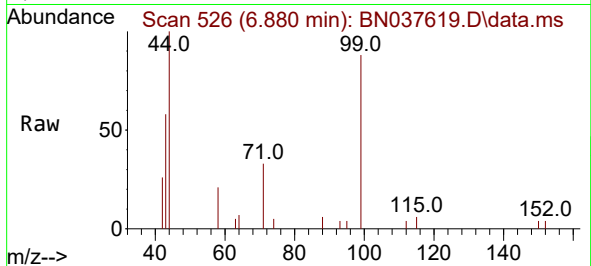




#5
Phenol-d6
Concen: 0.293 ng
RT: 6.880 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

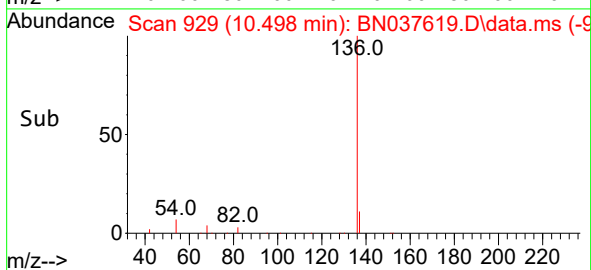
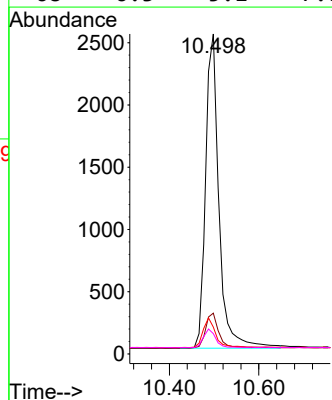
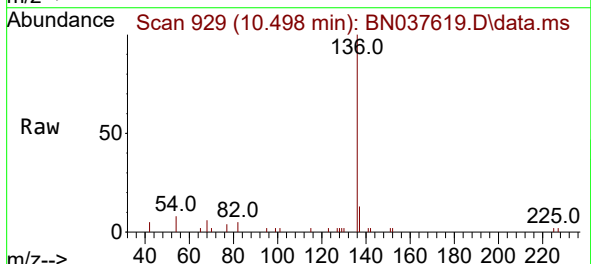
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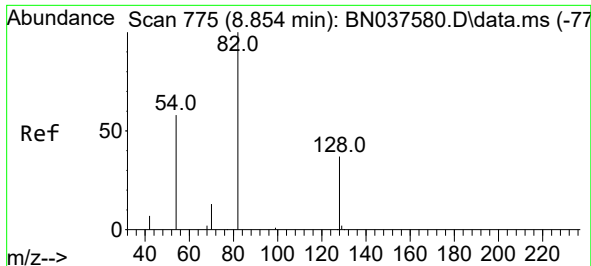
Tgt Ion: 99 Resp: 1860
Ion Ratio Lower Upper
99 100
42 20.8 18.5 27.7
71 35.5 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion: 136 Resp: 5229
Ion Ratio Lower Upper
136 100
137 12.8 9.5 14.3
54 8.4 7.3 10.9
68 6.3 5.1 7.7

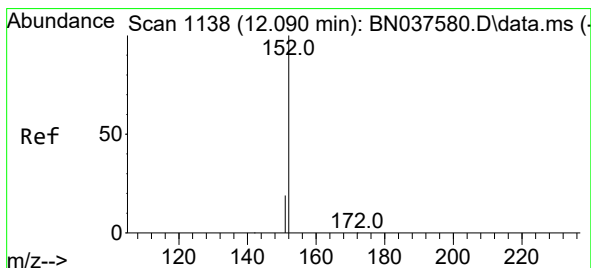
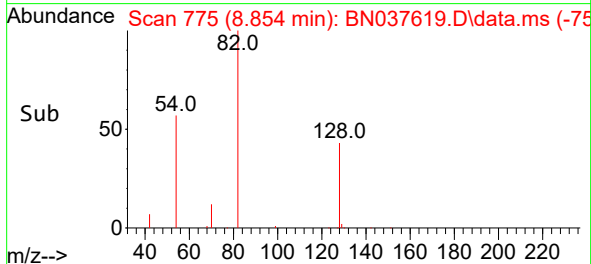
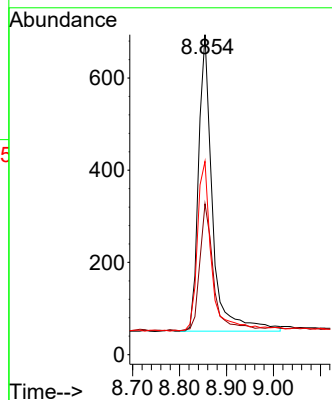
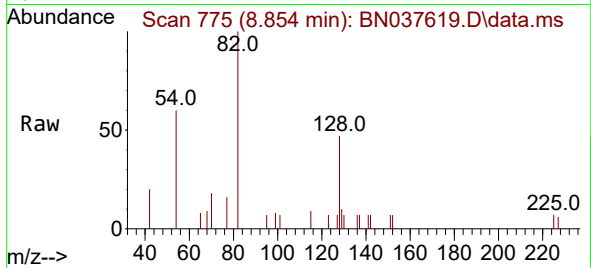




#8
 Nitrobenzene-d5
 Concen: 0.359 ng
 RT: 8.854 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN037619.D
 Acq: 20 Aug 2025 04:50

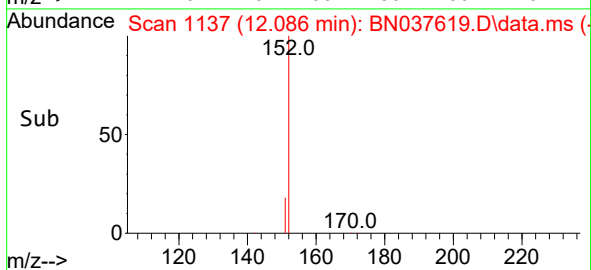
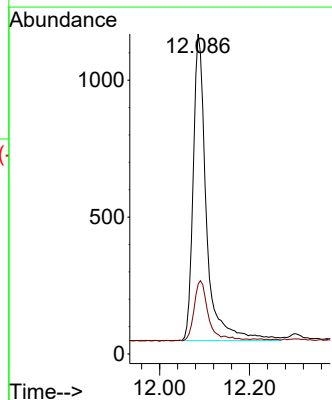
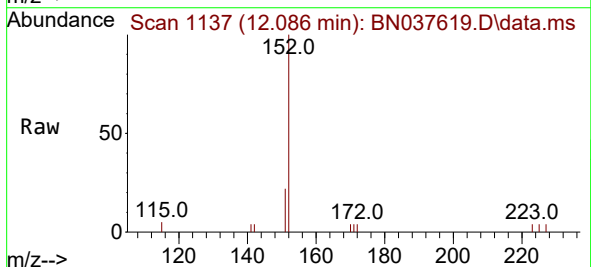
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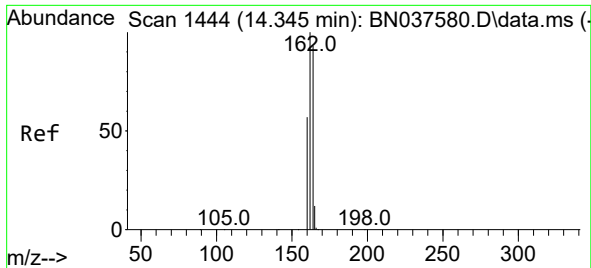
Tgt Ion: 82 Resp: 1323
 Ion Ratio Lower Upper
 82 100
 128 47.1 32.6 48.8
 54 60.4 48.9 73.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.323 ng
 RT: 12.086 min Scan# 1137
 Delta R.T. -0.005 min
 Lab File: BN037619.D
 Acq: 20 Aug 2025 04:50

Tgt Ion: 152 Resp: 2298
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.3 25.9

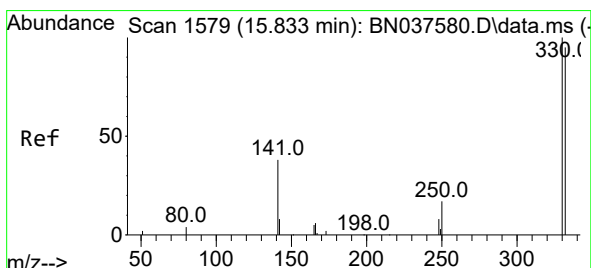
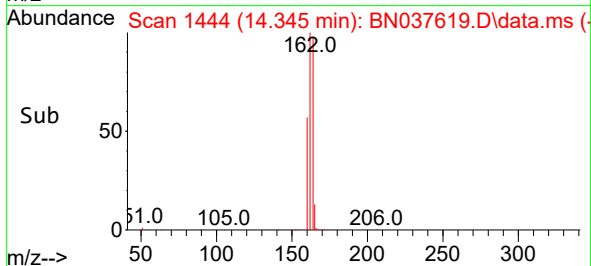
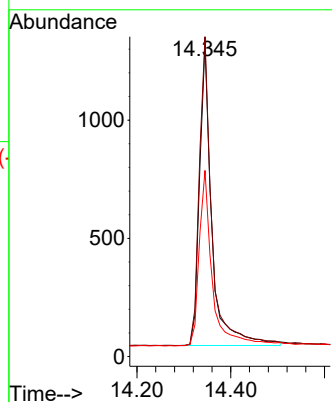
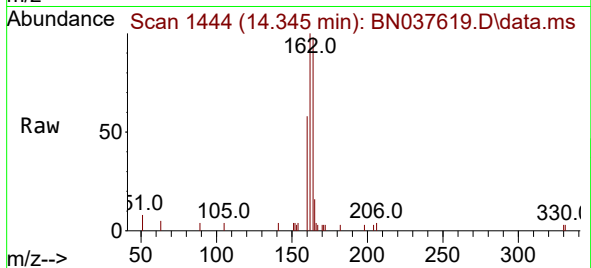




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

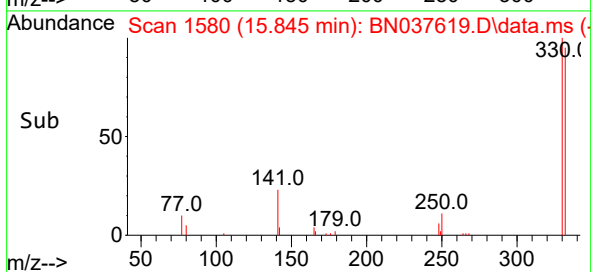
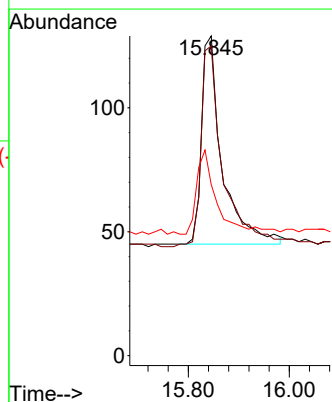
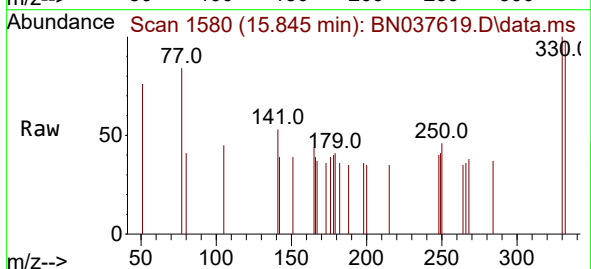
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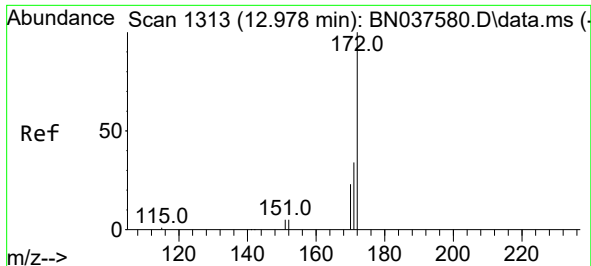
Tgt Ion:164 Resp: 2344
Ion Ratio Lower Upper
164 100
162 102.2 85.5 128.3
160 59.4 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.013 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:330 Resp: 240
Ion Ratio Lower Upper
330 100
332 101.3 77.4 116.0
141 40.0 30.9 46.3

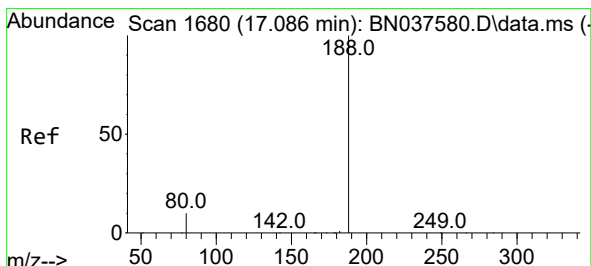
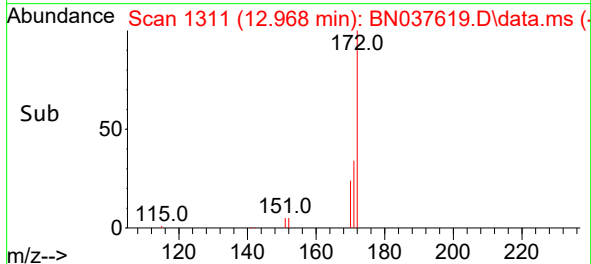
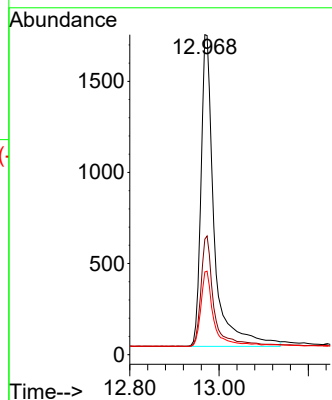
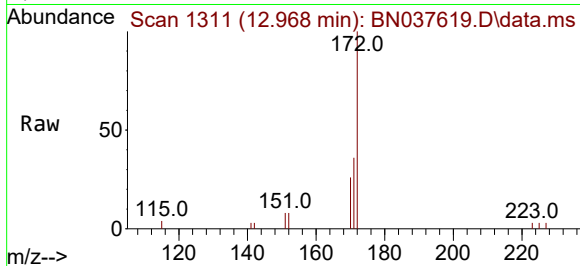




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

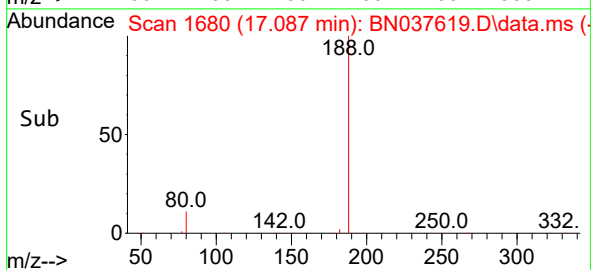
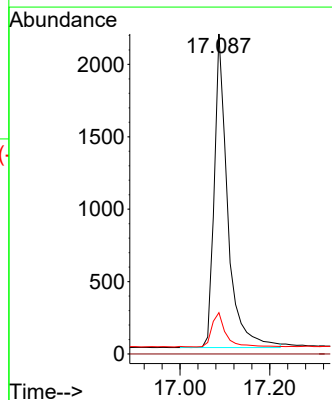
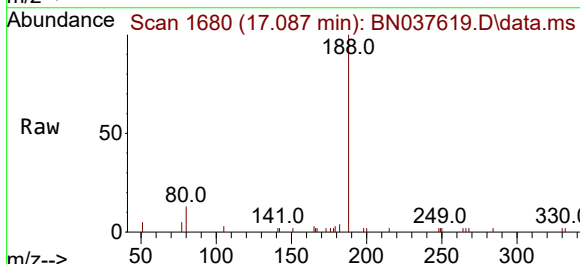
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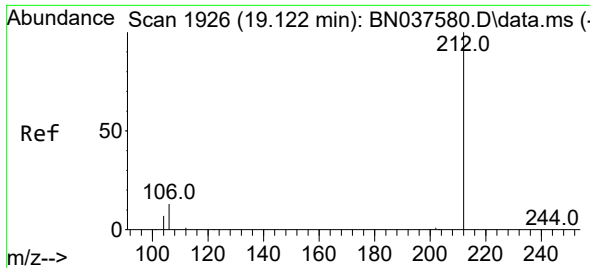
Tgt Ion:172 Resp: 4692
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.4
170 25.9 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:188 Resp: 4466
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.1 13.7

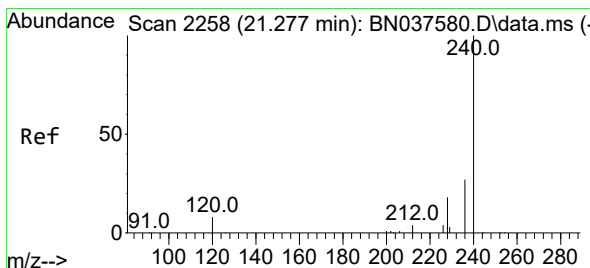
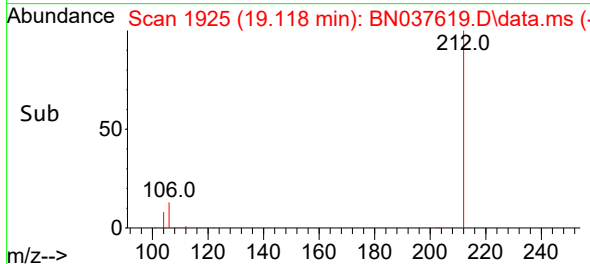
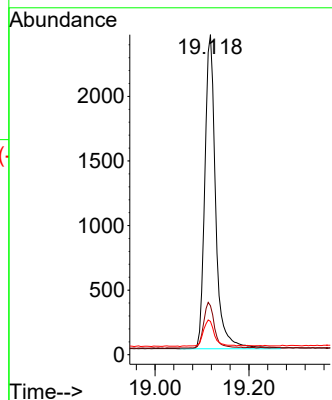
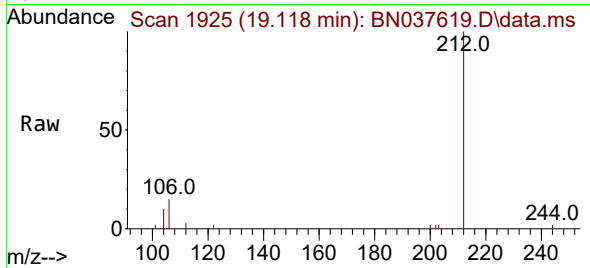




#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

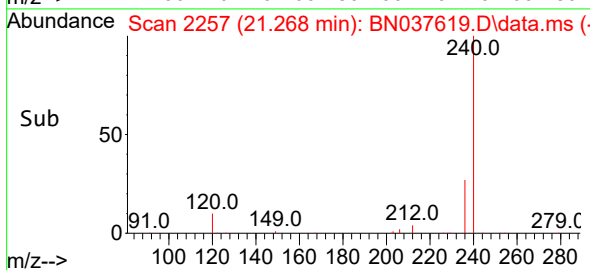
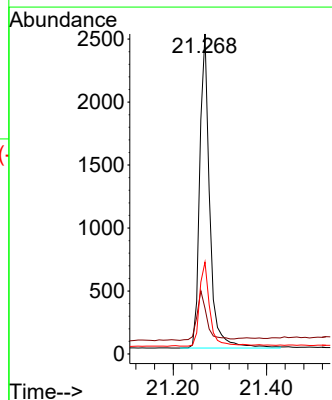
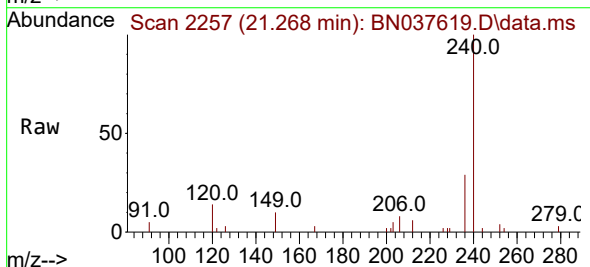
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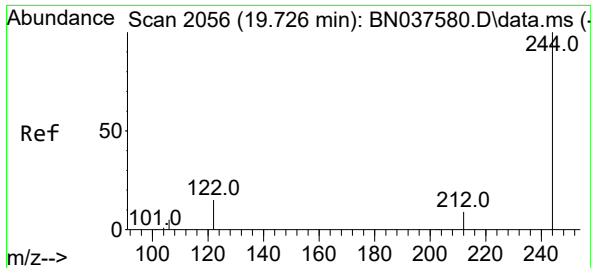
Tgt Ion:212 Resp: 3886
Ion Ratio Lower Upper
212 100
106 14.4 11.5 17.3
104 9.3 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:240 Resp: 3733
Ion Ratio Lower Upper
240 100
120 14.2 8.9 13.3#
236 28.7 22.6 33.8

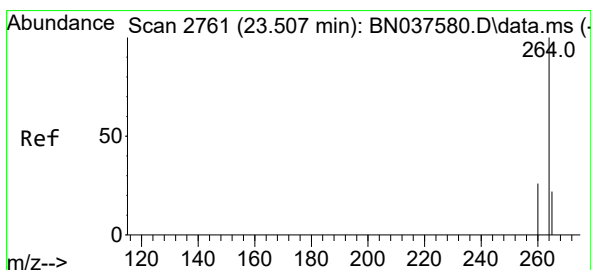
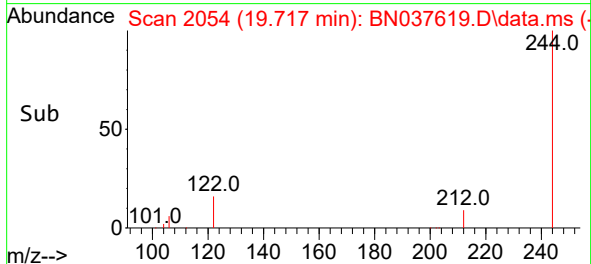
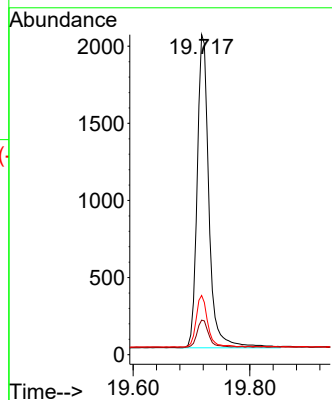
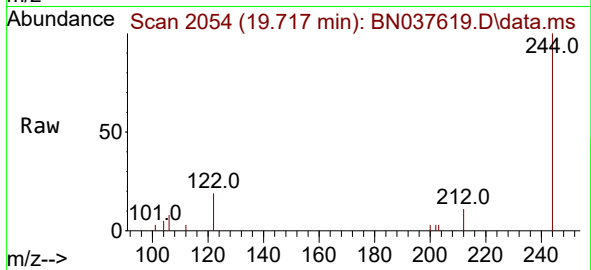




#31
 Terphenyl-d14
 Concen: 0.370 ng
 RT: 19.717 min Scan# 2054
 Delta R.T. -0.009 min
 Lab File: BN037619.D
 Acq: 20 Aug 2025 04:50

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BL

Tgt Ion:244 Resp: 2840
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.2 12.2
 122 18.5 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.499 min Scan# 2758
 Delta R.T. -0.008 min
 Lab File: BN037619.D
 Acq: 20 Aug 2025 04:50

Tgt Ion:264 Resp: 3552
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.6 32.4
 265 89.8 48.2 72.4#

