

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
 Data File : BN036963.D
 Acq On : 07 May 2025 15:10
 Operator : RC/JU
 Sample : PB167888BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167888BL

Quant Time: May 07 15:37:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1632	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	3925	0.400	ng	# 0.00
13) Acenaphthene-d10	14.277	164	2123	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4343	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3742	0.400	ng	0.00
35) Perylene-d12	23.424	264	3520	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	1582	0.379	ng	0.00
5) Phenol-d6	6.809	99	1706	0.332	ng	0.00
8) Nitrobenzene-d5	8.781	82	1376	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.016	152	1857	0.338	ng	0.01
14) 2,4,6-Tribromophenol	15.780	330	227	0.240	ng	0.01
15) 2-Fluorobiphenyl	12.904	172	3512	0.342	ng	0.00
27) Fluoranthene-d10	19.059	212	4441	0.394	ng	0.00
31) Terphenyl-d14	19.663	244	3134	0.355	ng	0.00

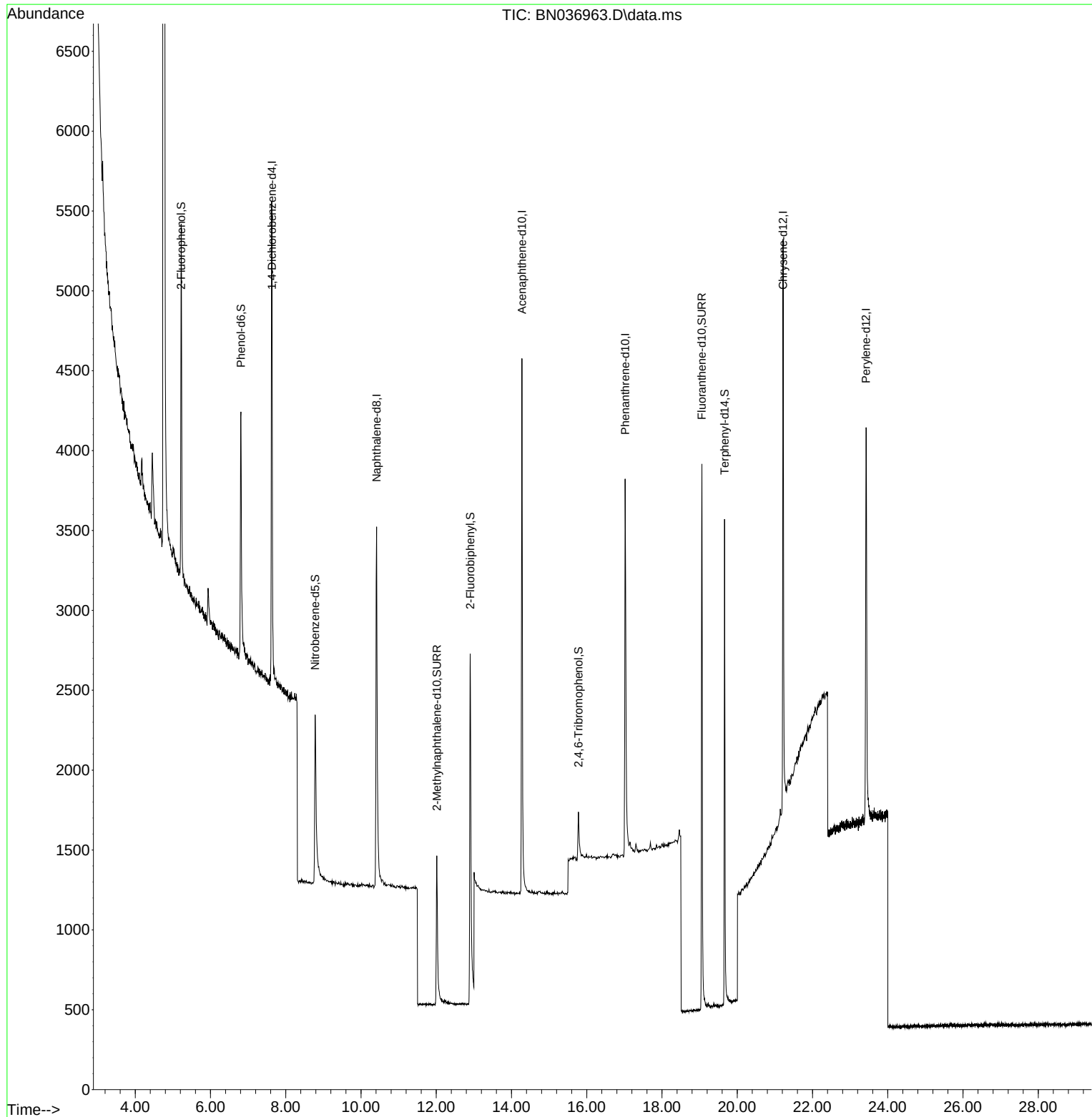
Target Compounds Qvalue

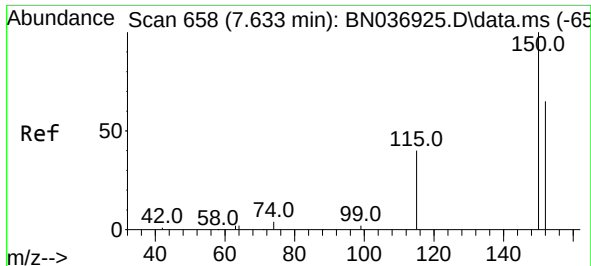
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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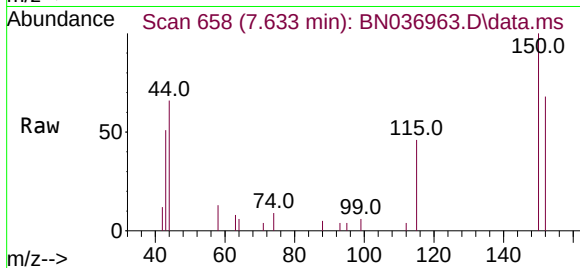
Quant Time: May 07 15:37:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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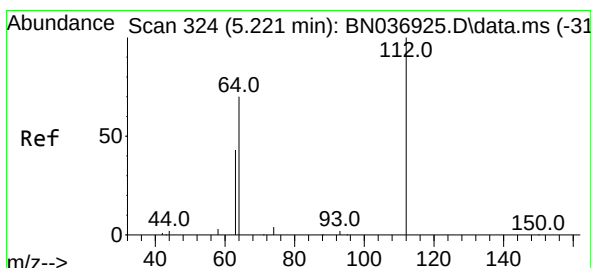
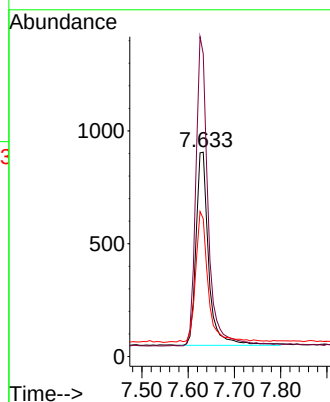
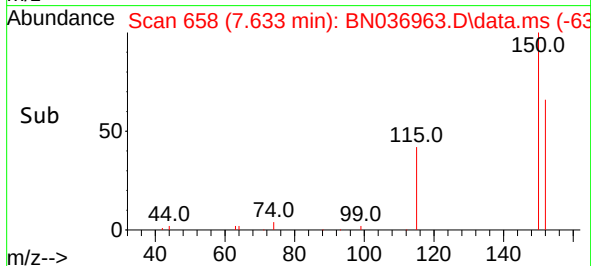


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036963.D
Acq: 07 May 2025 15:10

Instrument :
BNA_N
ClientSampleId :
PB167888BL

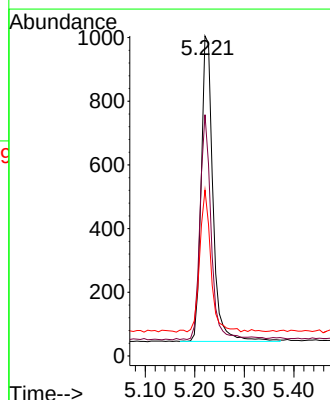
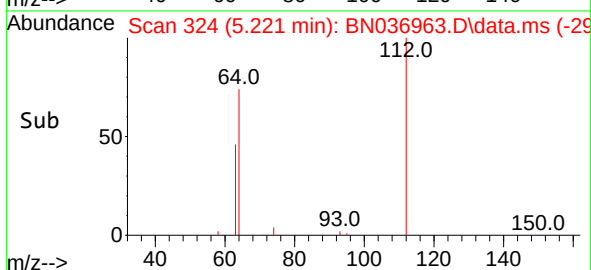
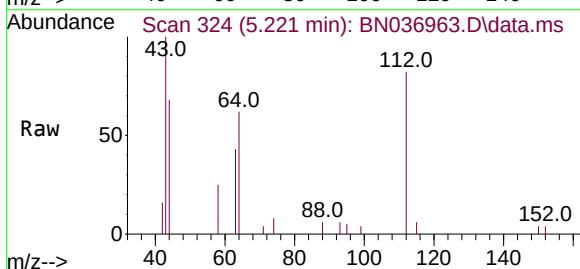


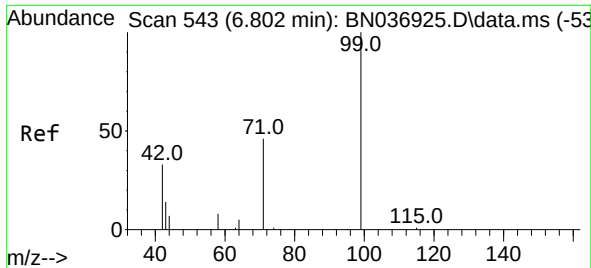
Tgt Ion:152 Resp: 1632
Ion Ratio Lower Upper
152 100
150 148.1 121.1 181.7
115 67.4 51.8 77.6



#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.221 min Scan# 324
Delta R.T. -0.000 min
Lab File: BN036963.D
Acq: 07 May 2025 15:10

Tgt Ion:112 Resp: 1582
Ion Ratio Lower Upper
112 100
64 69.0 55.7 83.5
63 44.5 33.9 50.9

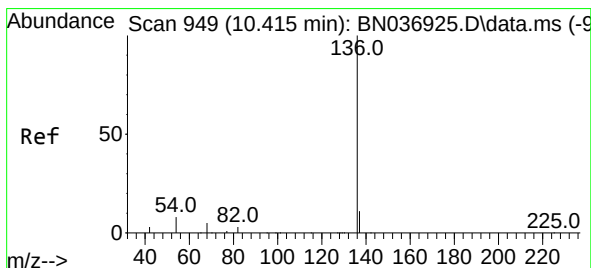
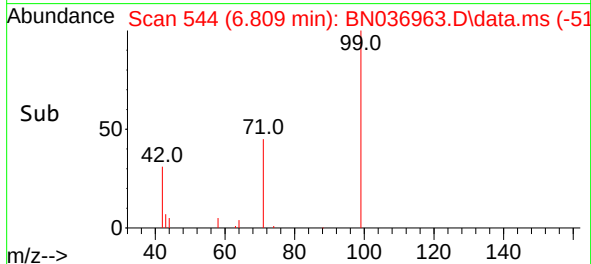
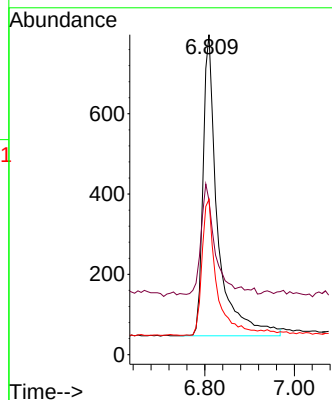
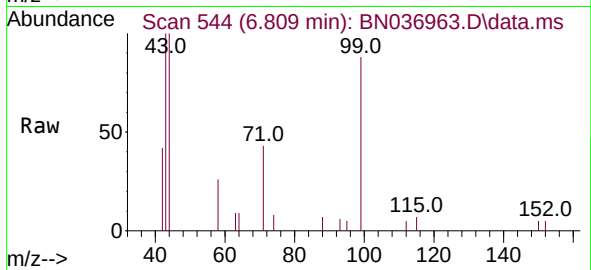




#5
Phenol-d6
Concen: 0.332 ng
RT: 6.809 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN036963.D
Acq: 07 May 2025 15:10

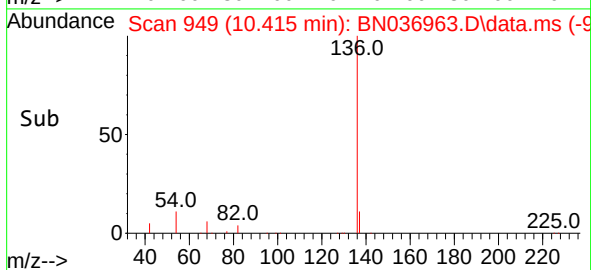
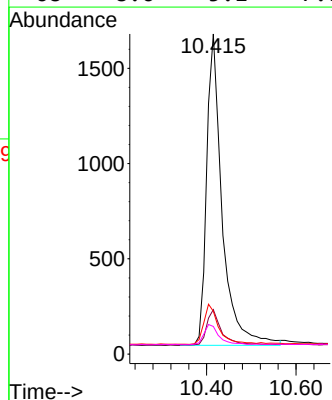
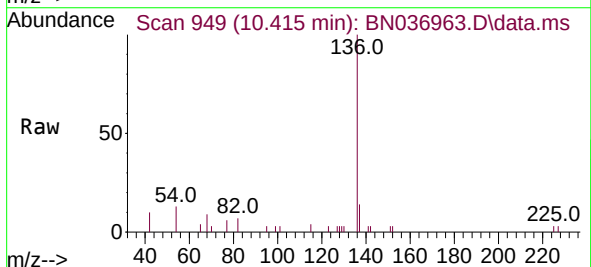
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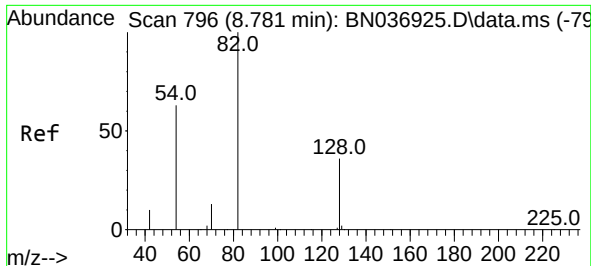
Tgt Ion: 99 Resp: 1706
Ion Ratio Lower Upper
99 100
42 35.9 29.6 44.4
71 44.8 36.0 54.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036963.D
Acq: 07 May 2025 15:10

Tgt Ion: 136 Resp: 3925
Ion Ratio Lower Upper
136 100
137 13.9 9.7 14.5
54 13.4 8.0 12.0#
68 8.6 5.1 7.7#

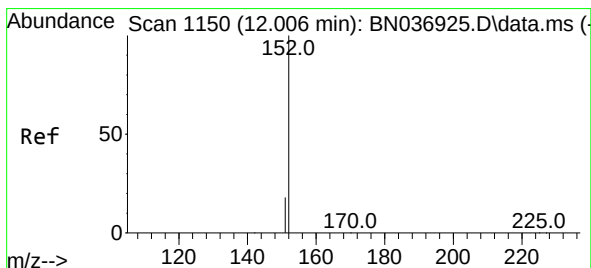
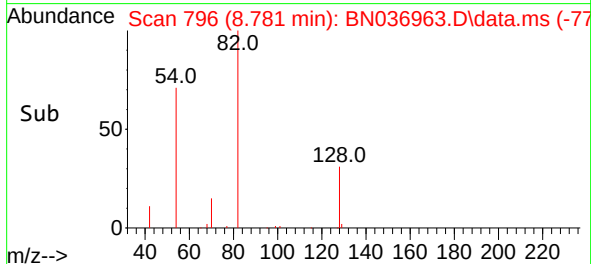
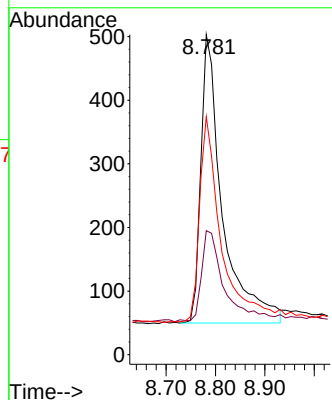
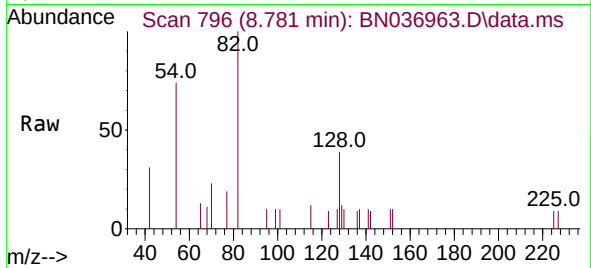




#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.781 min Scan# 796
Delta R.T. -0.000 min
Lab File: BN036963.D
Acq: 07 May 2025 15:10

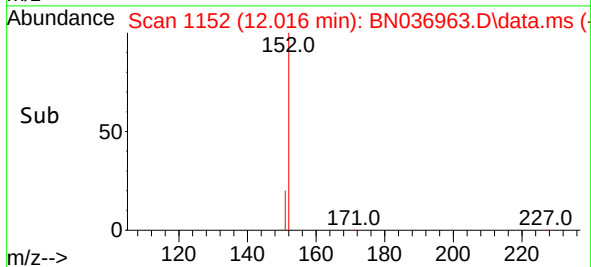
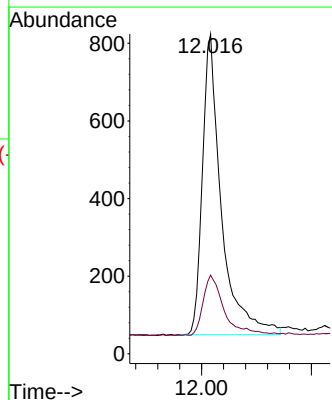
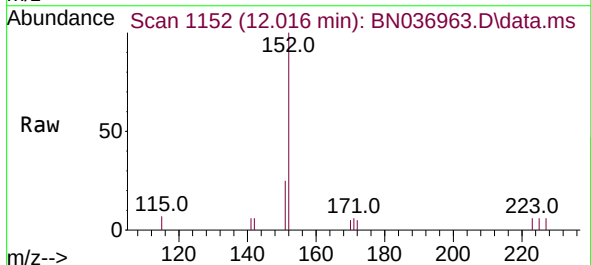
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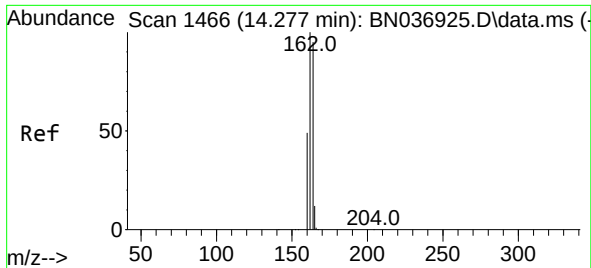
Tgt Ion: 82 Resp: 1376
Ion Ratio Lower Upper
82 100
128 38.8 30.7 46.1
54 74.4 52.1 78.1



#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.016 min Scan# 1152
Delta R.T. 0.010 min
Lab File: BN036963.D
Acq: 07 May 2025 15:10

Tgt Ion:152 Resp: 1857
Ion Ratio Lower Upper
152 100
151 22.2 16.9 25.3

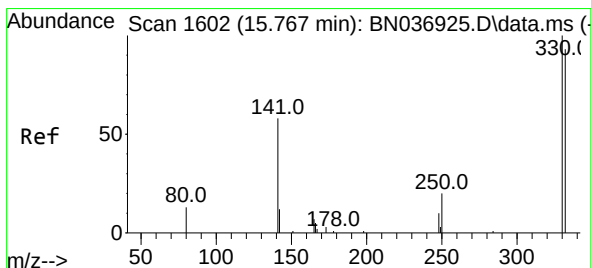
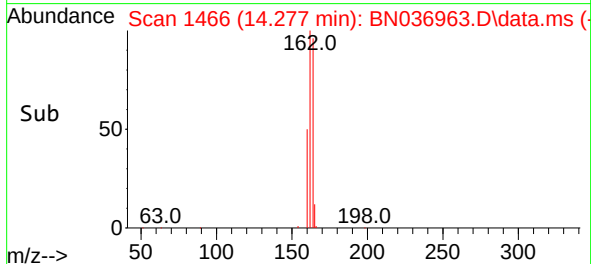
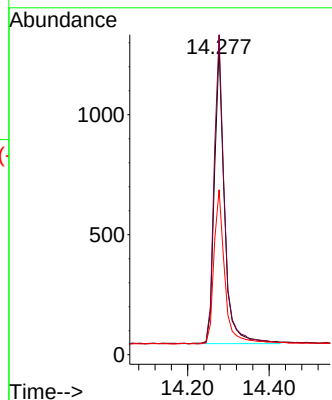
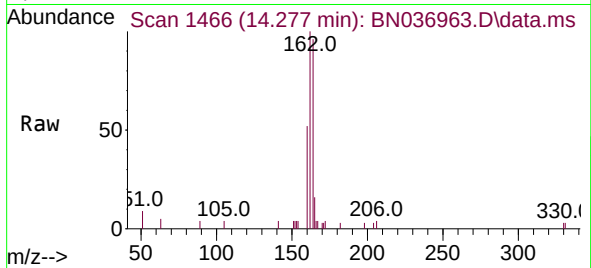




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036963.D
Acq: 07 May 2025 15:10

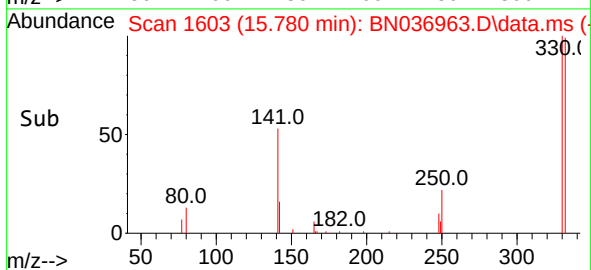
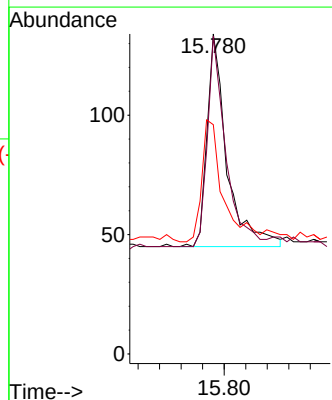
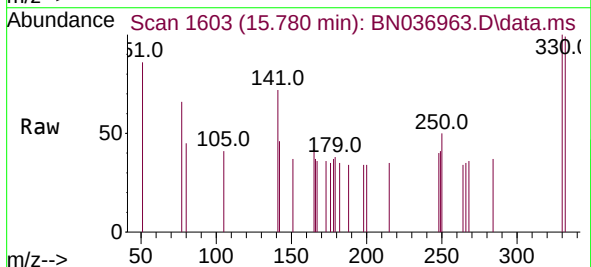
Instrument :
BNA_N
ClientSampleId :
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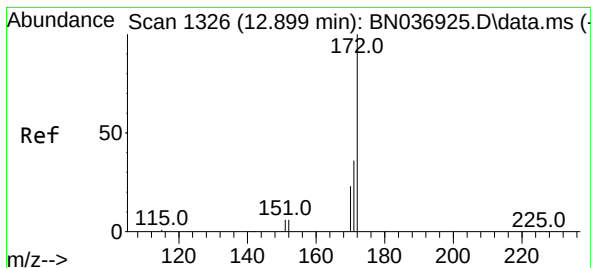
Tgt Ion:164 Resp: 2123
Ion Ratio Lower Upper
164 100
162 104.4 83.8 125.8
160 53.8 42.0 63.0



#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 15.780 min Scan# 1603
Delta R.T. 0.012 min
Lab File: BN036963.D
Acq: 07 May 2025 15:10

Tgt Ion:330 Resp: 227
Ion Ratio Lower Upper
330 100
332 92.1 76.3 114.5
141 61.2 45.4 68.2





#15

2-Fluorobiphenyl

Concen: 0.342 ng

RT: 12.904 min Scan# 11

Delta R.T. 0.005 min

Lab File: BN036963.D

Acq: 07 May 2025 15:10

Instrument :

BNA_N

ClientSampleId :

PB167888BL

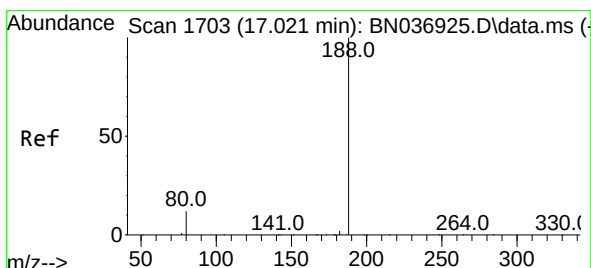
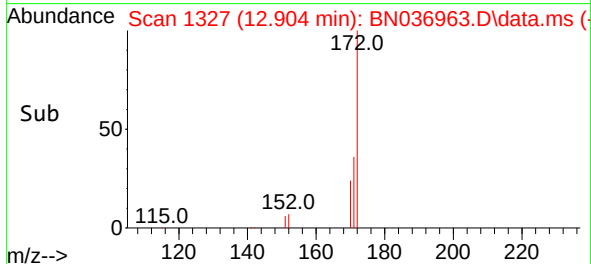
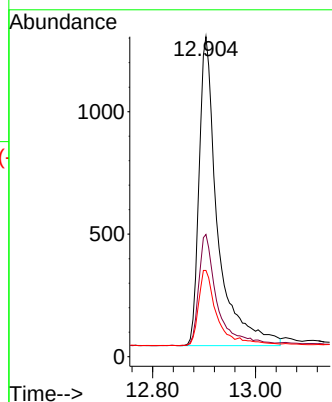
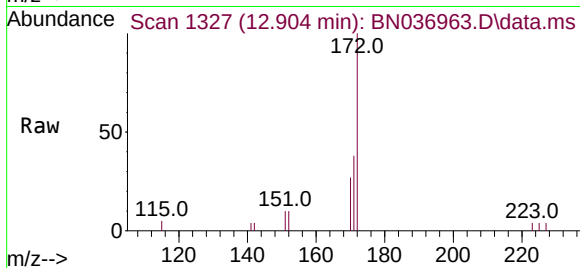
Tgt Ion:172 Resp: 3512

Ion Ratio Lower Upper

172 100

171 38.2 29.4 44.0

170 27.0 19.4 29.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.021 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BN036963.D

Acq: 07 May 2025 15:10

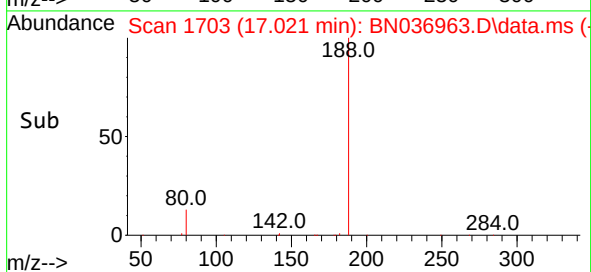
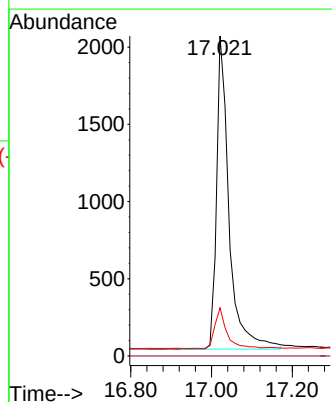
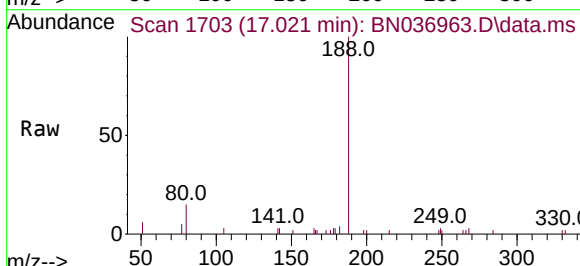
Tgt Ion:188 Resp: 4343

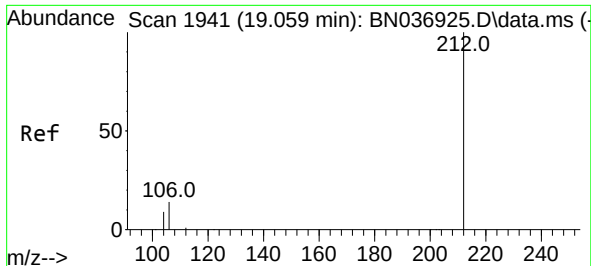
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.1 10.7 16.1

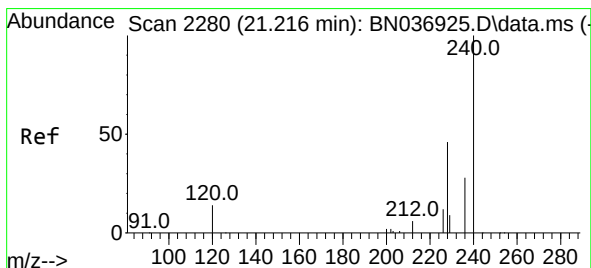
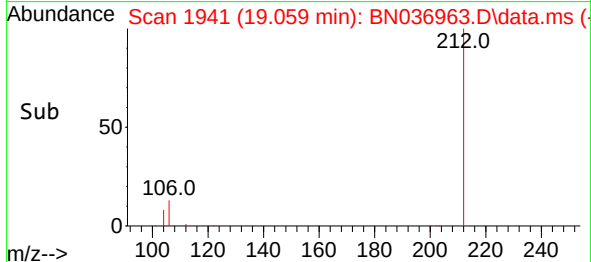
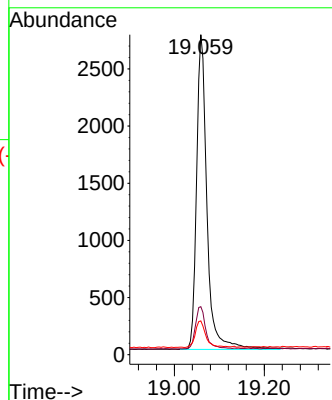
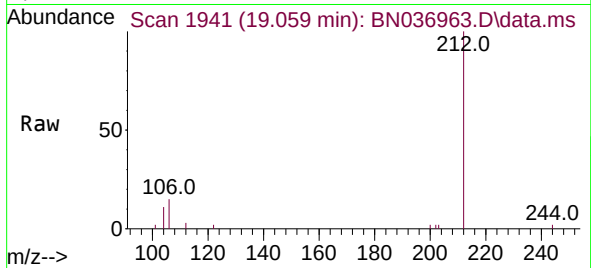




#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN036963.D
Acq: 07 May 2025 15:10

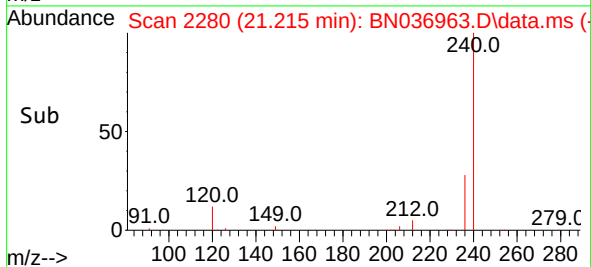
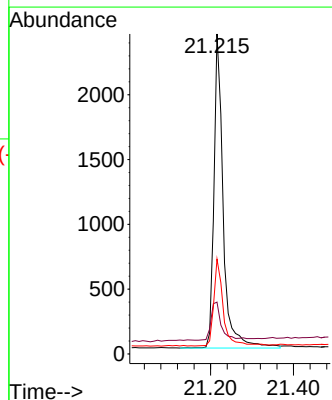
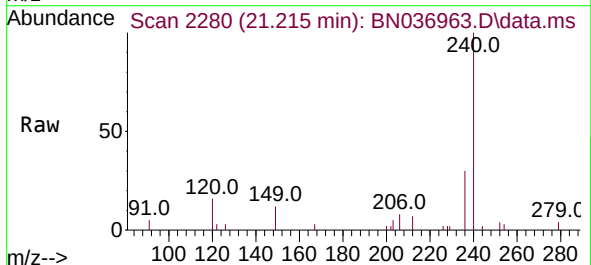
Instrument :
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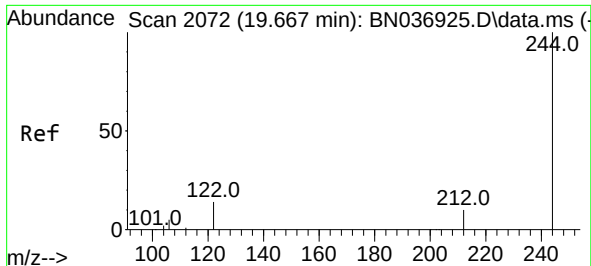
Tgt Ion:212 Resp: 4441
Ion Ratio Lower Upper
212 100
106 13.5 11.6 17.4
104 8.6 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BN036963.D
Acq: 07 May 2025 15:10

Tgt Ion:240 Resp: 3742
Ion Ratio Lower Upper
240 100
120 16.2 14.1 21.1
236 29.6 23.8 35.8

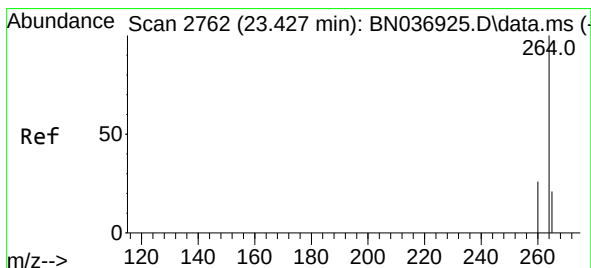
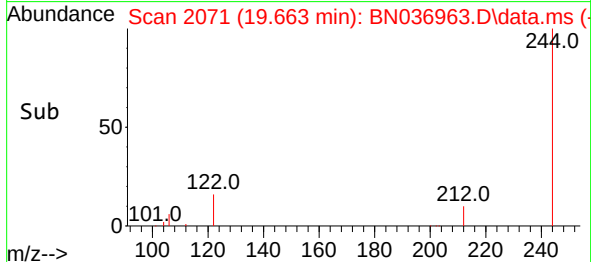
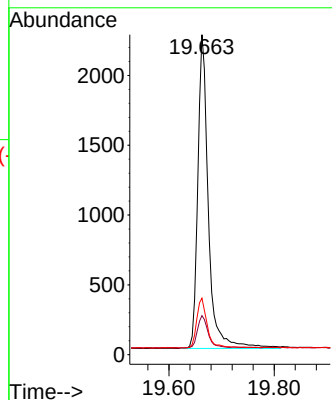
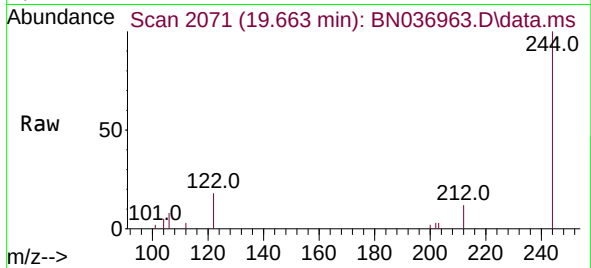




#31
 Terphenyl-d14
 Concen: 0.355 ng
 RT: 19.663 min Scan# 2071
 Delta R.T. -0.005 min
 Lab File: BN036963.D
 Acq: 07 May 2025 15:10

Instrument :
 BNA_N
 ClientSampleId :
 PB167888BL

Tgt Ion:244 Resp: 3134
 Ion Ratio Lower Upper
 244 100
 212 12.2 9.6 14.4
 122 17.6 12.7 19.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.424 min Scan# 2761
 Delta R.T. -0.003 min
 Lab File: BN036963.D
 Acq: 07 May 2025 15:10

Tgt Ion:264 Resp: 3520
 Ion Ratio Lower Upper
 264 100
 260 27.8 22.2 33.2
 265 72.9 65.8 98.6

