

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
 Data File : BN036881.D
 Acq On : 11 Apr 2025 16:53
 Operator : RC/JU
 Sample : PB167519BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167519BL

Quant Time: Apr 11 17:52:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 11 16:11:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.647	152	156	0.400	ng	# 0.00
7) Naphthalene-d8	10.426	136	407	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	260	0.400	ng	0.00
19) Phenanthrene-d10	17.046	188	582	0.400	ng	# 0.01
29) Chrysene-d12	21.233	240	799	0.400	ng	# 0.00
35) Perylene-d12	23.450	264	1040	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	192	0.523	ng	0.00
5) Phenol-d6	6.824	99	179	0.381	ng	0.00
8) Nitrobenzene-d5	8.803	82	179	0.396	ng	0.01
11) 2-Methylnaphthalene-d10	12.036	152	207	0.350	ng	0.02
14) 2,4,6-Tribromophenol	15.792	330	28	0.223	ng	0.01
15) 2-Fluorobiphenyl	12.919	172	424	0.340	ng	0.01
27) Fluoranthene-d10	19.077	212	718	0.438	ng	0.00
31) Terphenyl-d14	19.681	244	541	0.356	ng	0.00

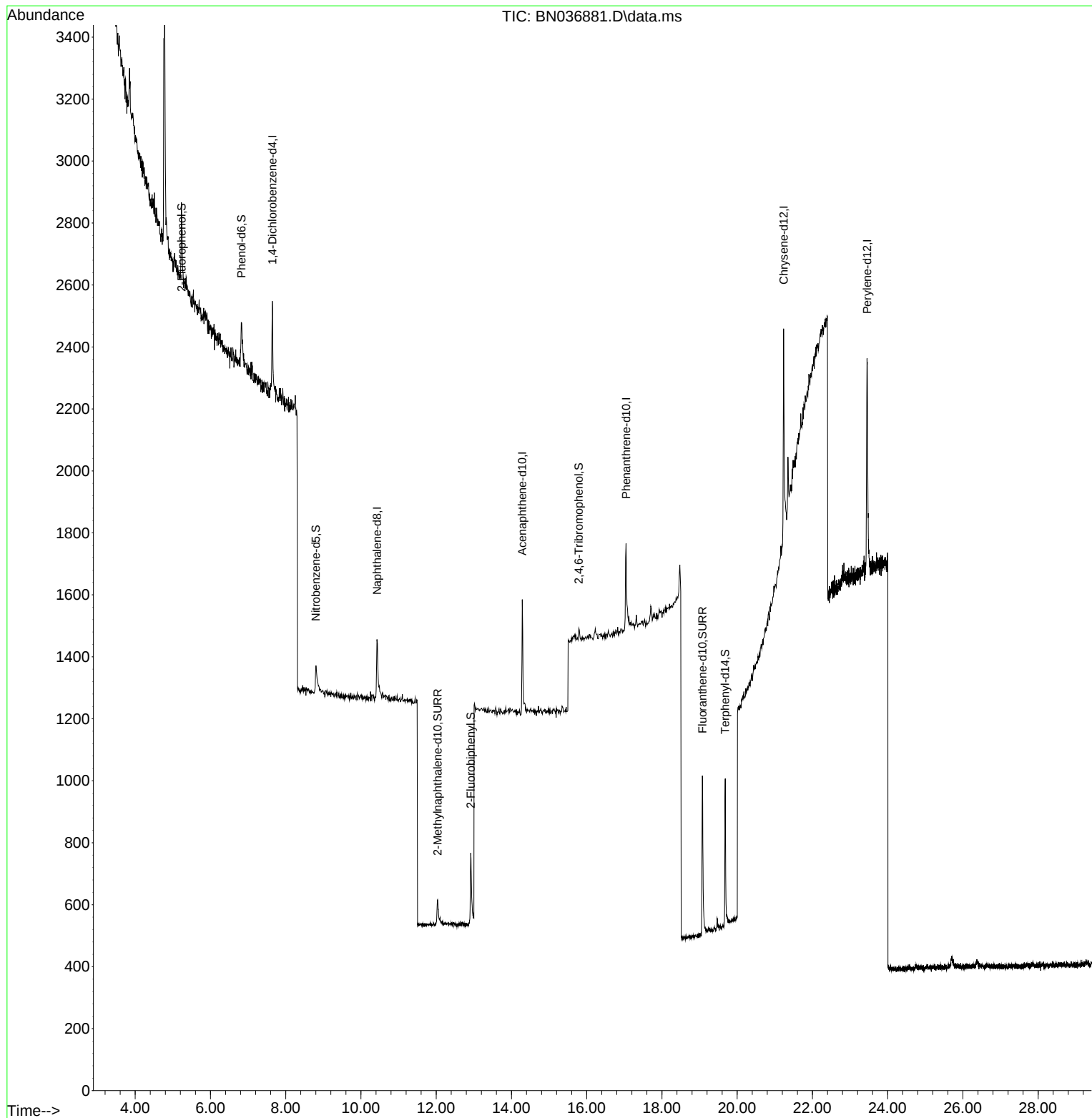
Target Compounds Qvalue

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

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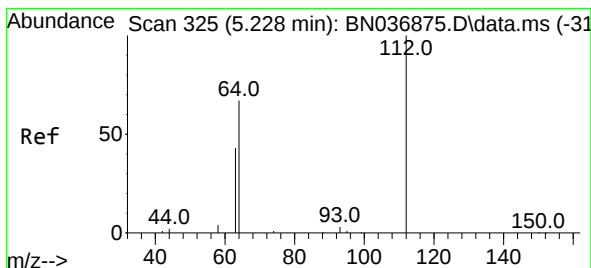
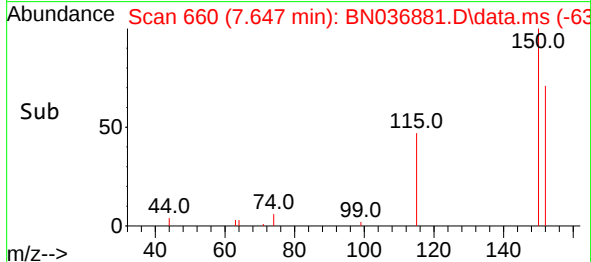
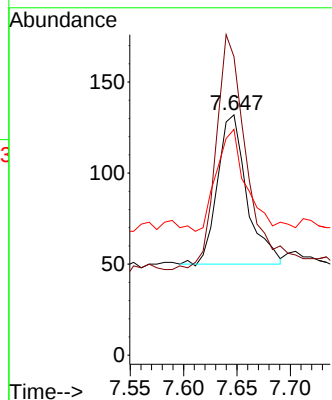
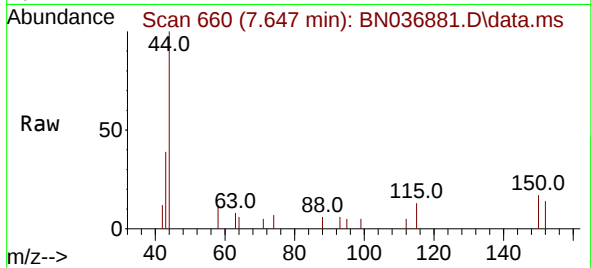




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.647 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN036881.D
 Acq: 11 Apr 2025 16:53

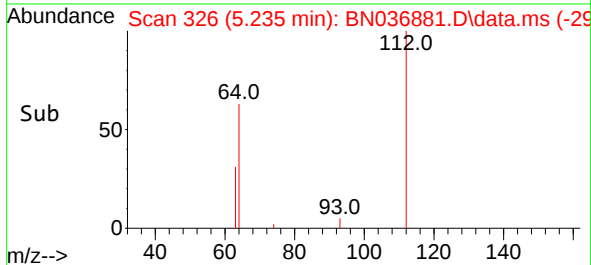
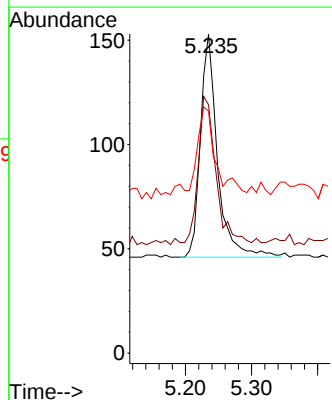
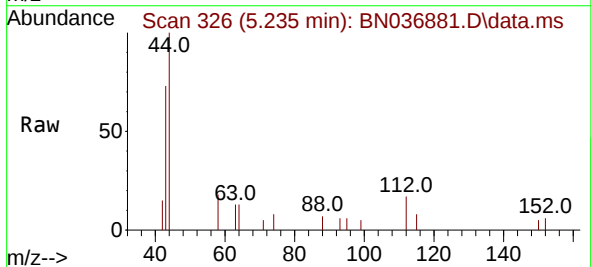
Instrument :
 BNA_N
 ClientSampleId :
 PB167519BL

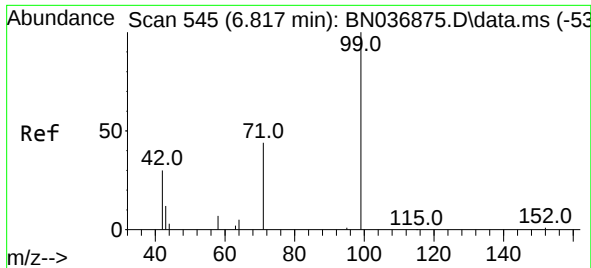
Tgt Ion:152 Resp: 156
 Ion Ratio Lower Upper
 152 100
 150 124.2 123.0 184.6
 115 93.9 60.1 90.1#



#4
 2-Fluorophenol
 Concen: 0.523 ng
 RT: 5.235 min Scan# 326
 Delta R.T. 0.007 min
 Lab File: BN036881.D
 Acq: 11 Apr 2025 16:53

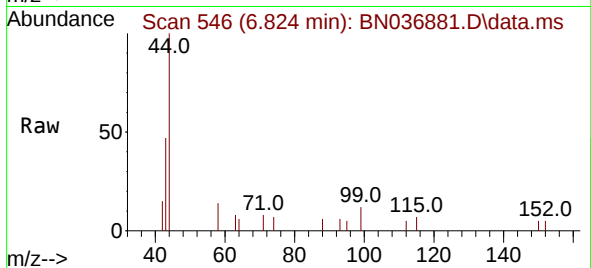
Tgt Ion:112 Resp: 192
 Ion Ratio Lower Upper
 112 100
 64 70.3 54.0 81.0
 63 38.0 35.1 52.7



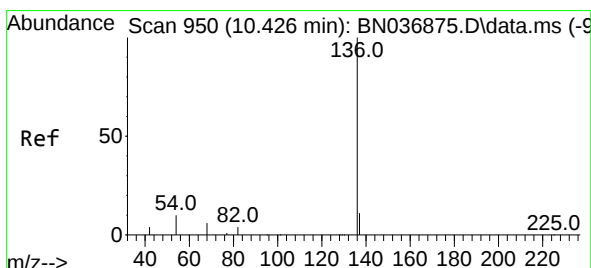
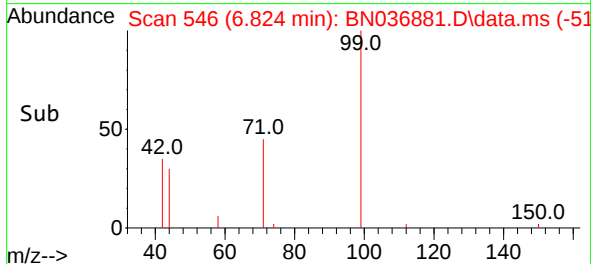
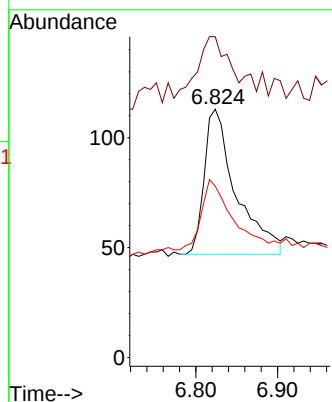


#5
Phenol-d6
Concen: 0.381 ng
RT: 6.824 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Instrument :
BNA_N
ClientSampleId :
PB167519BL

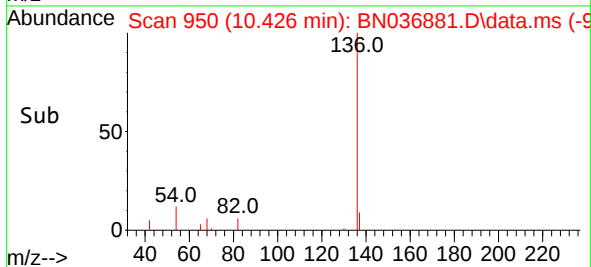
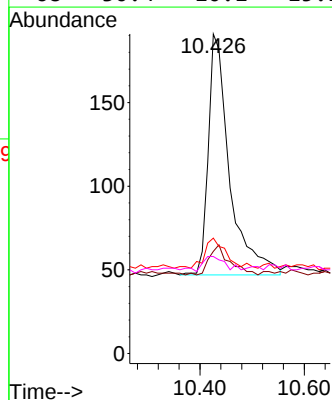
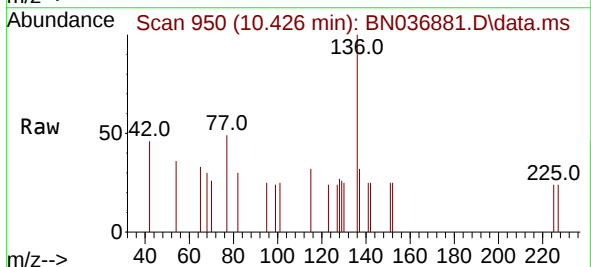


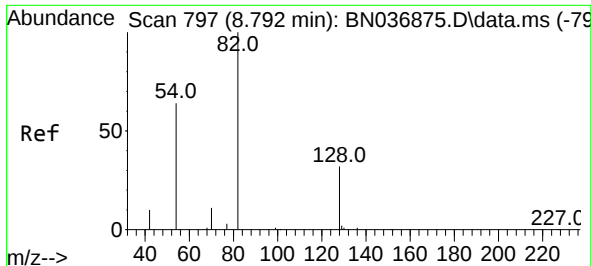
Tgt Ion: 99 Resp: 179
Ion Ratio Lower Upper
99 100
42 46.4 30.9 46.3#
71 46.4 38.6 58.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Tgt Ion:136 Resp: 407
Ion Ratio Lower Upper
136 100
137 31.9 13.5 20.3#
54 36.1 12.8 19.2#
68 30.4 10.1 15.1#

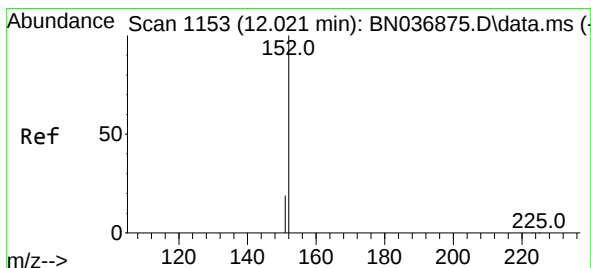
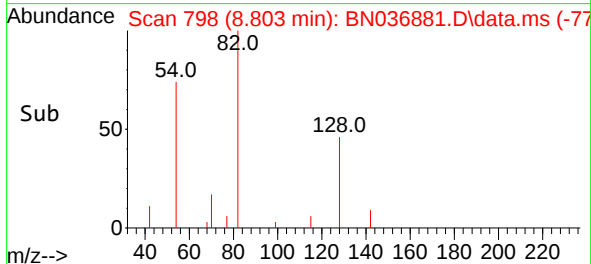
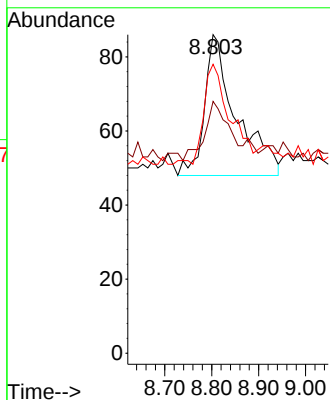
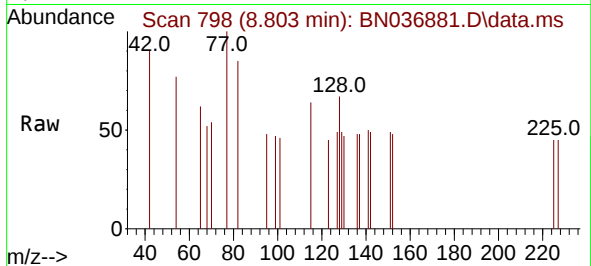




#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 8.803 min Scan# 79
Delta R.T. 0.011 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

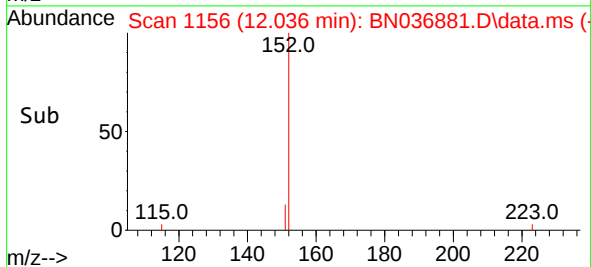
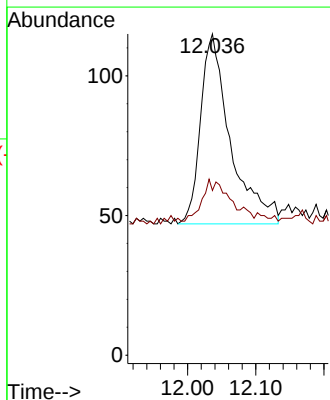
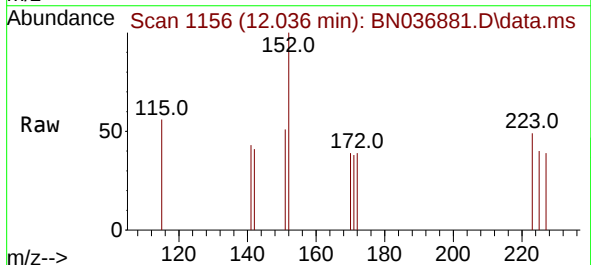
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BNA_N
ClientSampleId :
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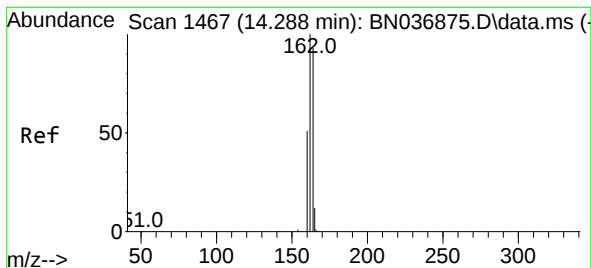
Tgt Ion: 82 Resp: 179
Ion Ratio Lower Upper
82 100
128 79.1 35.5 53.3#
54 90.7 56.2 84.4#



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.036 min Scan# 1156
Delta R.T. 0.015 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Tgt Ion:152 Resp: 207
Ion Ratio Lower Upper
152 100
151 18.4 17.8 26.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.288 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN036881.D

Acq: 11 Apr 2025 16:53

Instrument :

BNA_N

ClientSampleId :

PB167519BL

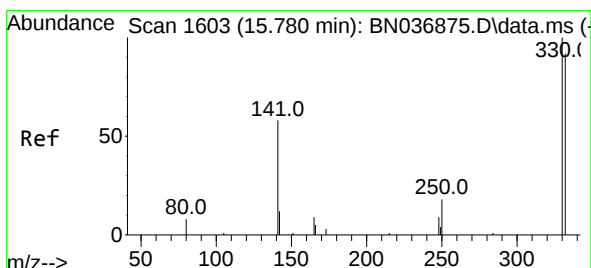
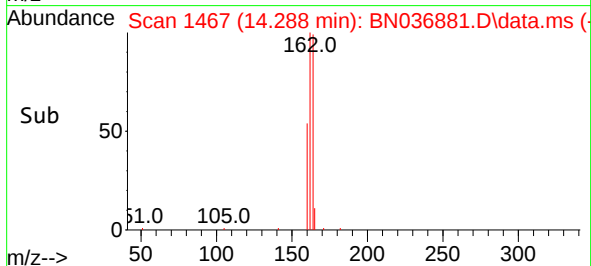
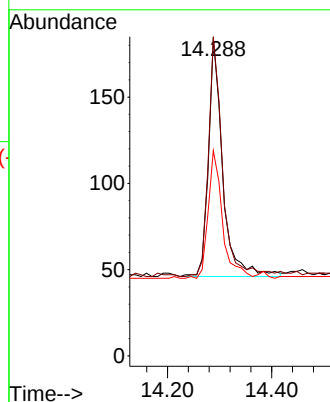
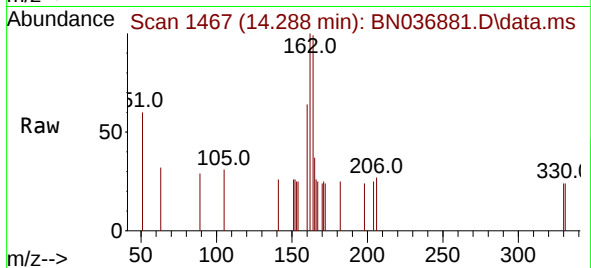
Tgt Ion:164 Resp: 260

Ion Ratio Lower Upper

164 100

162 100.5 85.7 128.5

160 64.7 46.9 70.3



#14

2,4,6-Tribromophenol

Concen: 0.223 ng

RT: 15.792 min Scan# 1604

Delta R.T. 0.012 min

Lab File: BN036881.D

Acq: 11 Apr 2025 16:53

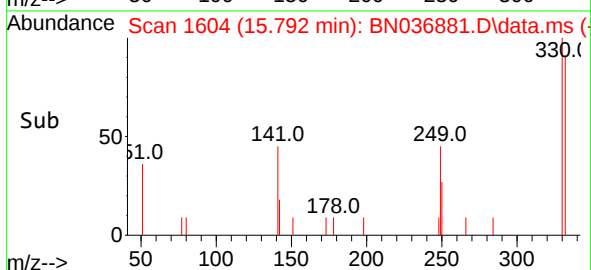
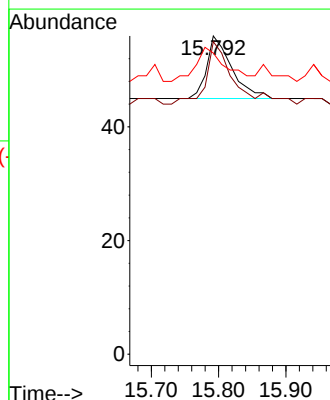
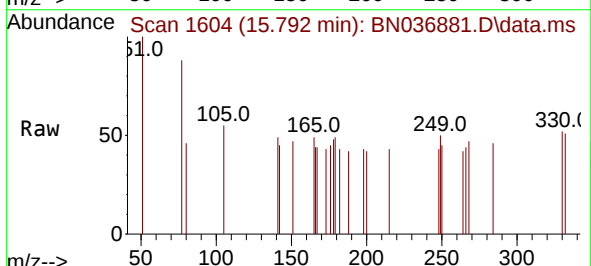
Tgt Ion:330 Resp: 28

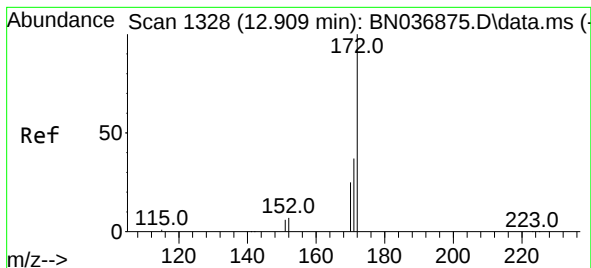
Ion Ratio Lower Upper

330 100

332 110.7 87.0 130.6

141 64.3 45.3 67.9

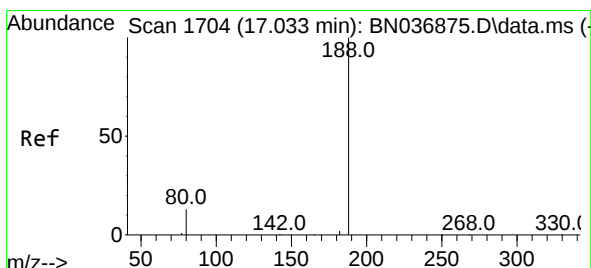
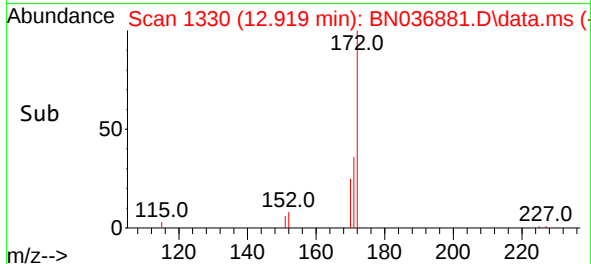
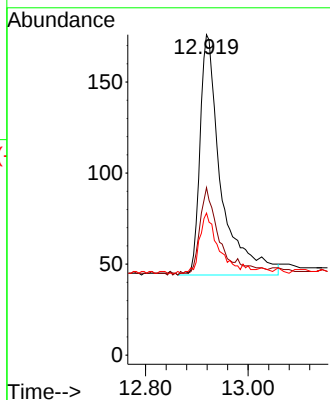
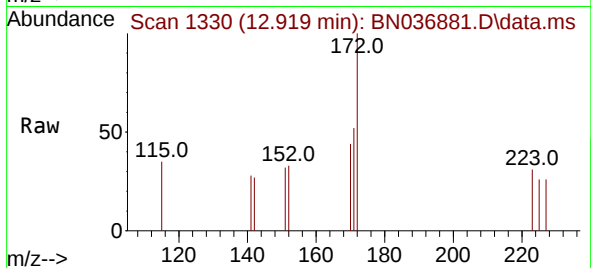




#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.919 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

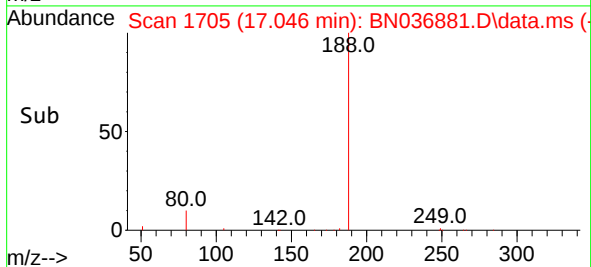
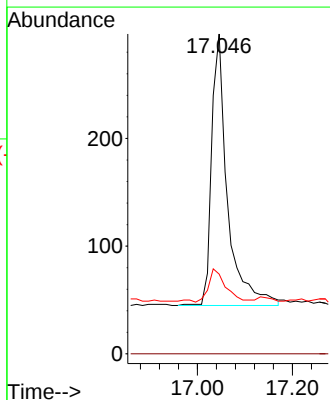
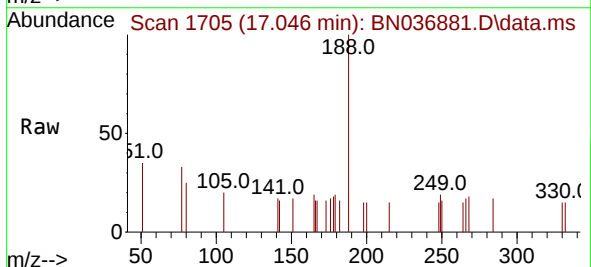
Instrument :
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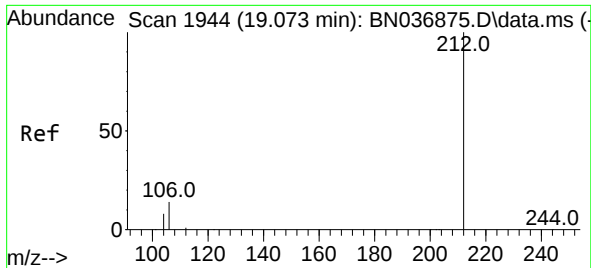
Tgt Ion:172 Resp: 424
Ion Ratio Lower Upper
172 100
171 52.3 32.7 49.1#
170 44.3 23.3 34.9#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.046 min Scan# 1705
Delta R.T. 0.012 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Tgt Ion:188 Resp: 582
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 24.9 13.9 20.9#

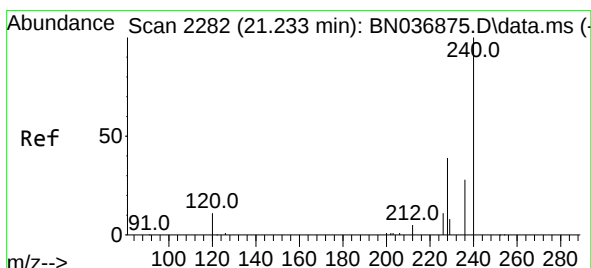
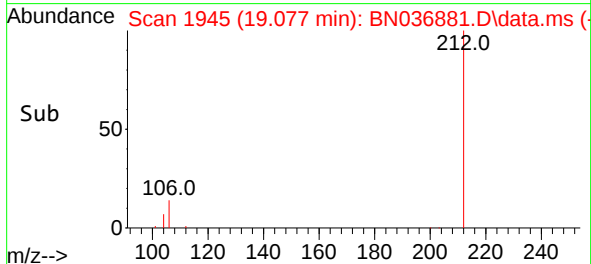
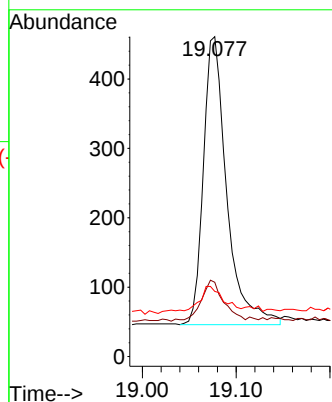
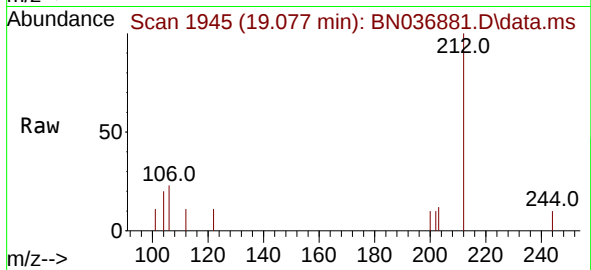




#27
Fluoranthene-d10
Concen: 0.438 ng
RT: 19.077 min Scan# 1945
Delta R.T. 0.005 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

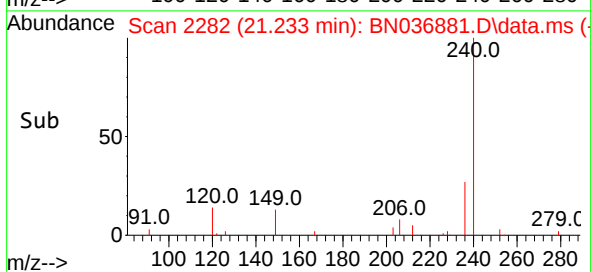
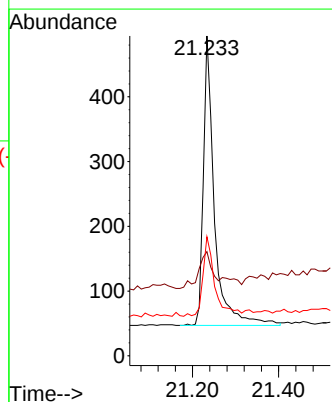
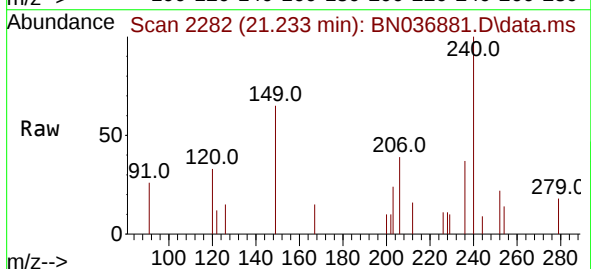
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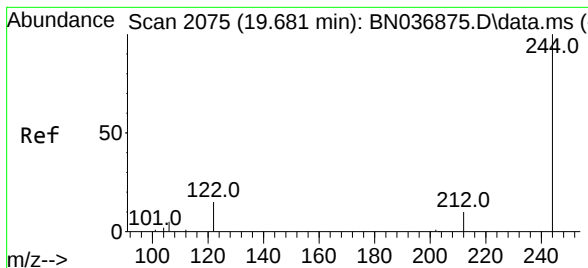
Tgt Ion:212 Resp: 718
Ion Ratio Lower Upper
212 100
106 13.6 11.2 16.8
104 7.9 7.5 11.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.233 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

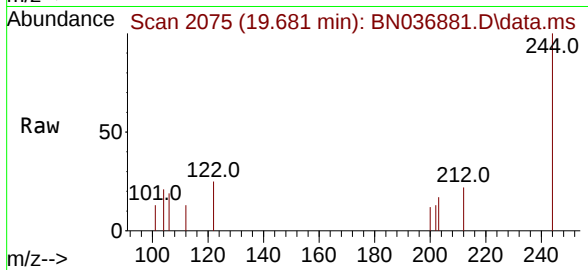
Tgt Ion:240 Resp: 799
Ion Ratio Lower Upper
240 100
120 32.6 15.8 23.6#
236 37.2 25.8 38.8



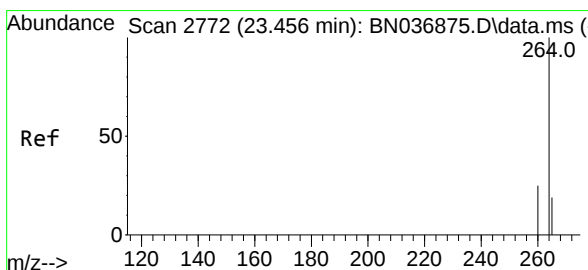
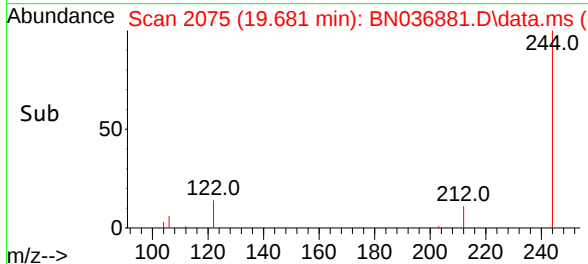
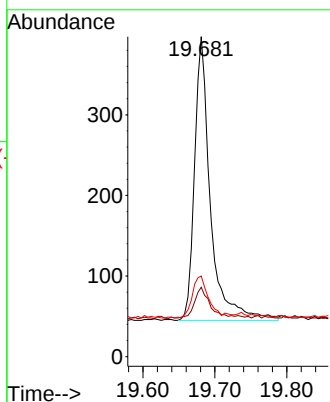


#31
 Terphenyl-d14
 Concen: 0.356 ng
 RT: 19.681 min Scan# 2075
 Delta R.T. -0.000 min
 Lab File: BN036881.D
 Acq: 11 Apr 2025 16:53

Instrument :
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Tgt Ion:244 Resp: 541
 Ion Ratio Lower Upper
 244 100
 212 21.7 11.6 17.4#
 122 25.2 14.9 22.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.450 min Scan# 2770
 Delta R.T. -0.006 min
 Lab File: BN036881.D
 Acq: 11 Apr 2025 16:53

Tgt Ion:264 Resp: 1040
 Ion Ratio Lower Upper
 264 100
 260 32.3 22.9 34.3
 265 191.7 88.6 132.8#

