

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
 Data File : BN036882.D
 Acq On : 11 Apr 2025 17:29
 Operator : RC/JU
 Sample : PB167565BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL

Quant Time: Apr 11 17:53:02 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	172	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	413	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	260	0.400	ng	0.00
19) Phenanthrene-d10	17.034	188	577	0.400	ng	# 0.00
29) Chrysene-d12	21.233	240	763	0.400	ng	# 0.00
35) Perylene-d12	23.450	264	1009	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	199	0.492	ng	0.00
5) Phenol-d6	6.824	99	227	0.439	ng	0.00
8) Nitrobenzene-d5	8.803	82	154	0.336	ng	0.01
11) 2-Methylnaphthalene-d10	12.031	152	209	0.348	ng	0.01
14) 2,4,6-Tribromophenol	15.792	330	46	0.367	ng	0.01
15) 2-Fluorobiphenyl	12.914	172	457	0.366	ng	0.00
27) Fluoranthene-d10	19.073	212	729	0.448	ng	0.00
31) Terphenyl-d14	19.681	244	542	0.374	ng	0.00

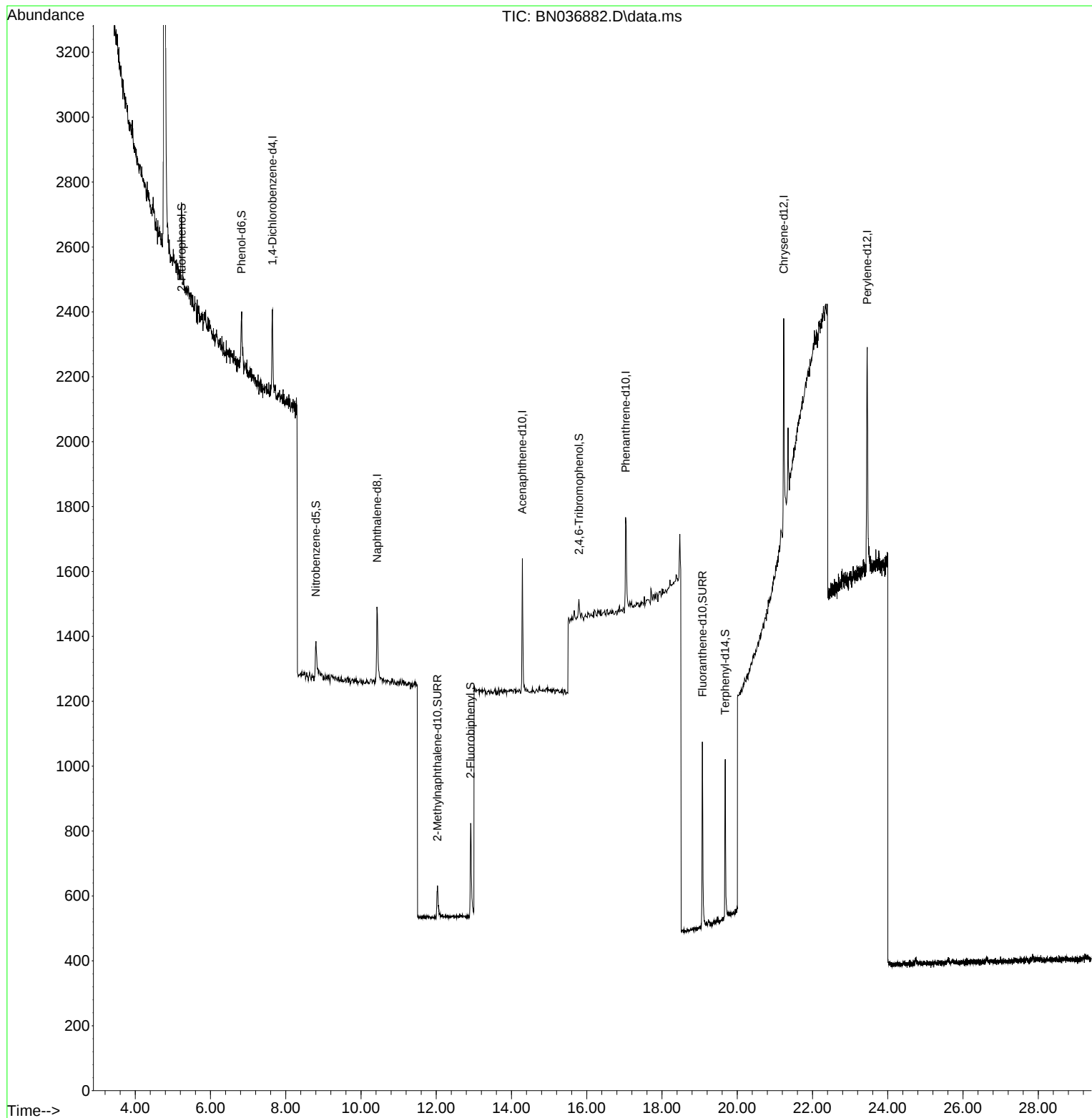
Target Compounds Qvalue

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

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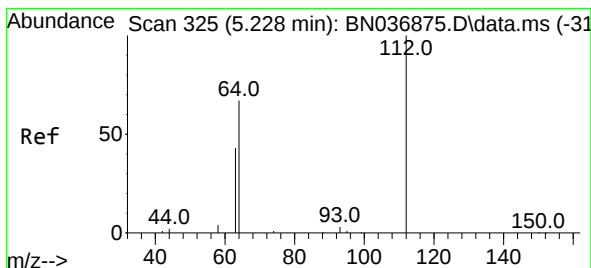
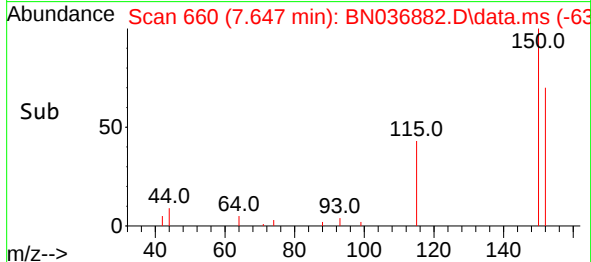
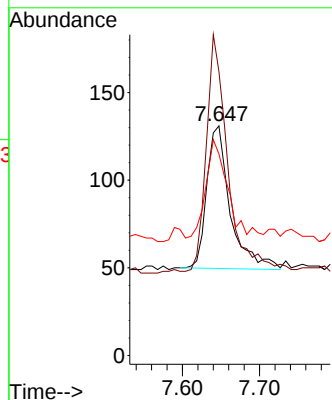
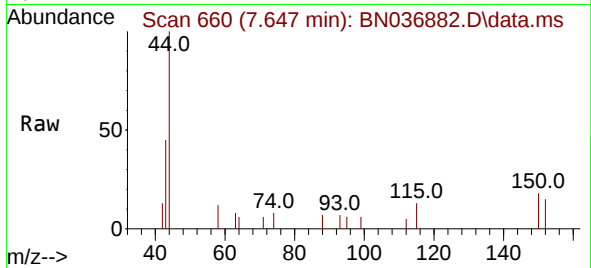




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.647 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN036882.D
 Acq: 11 Apr 2025 17:29

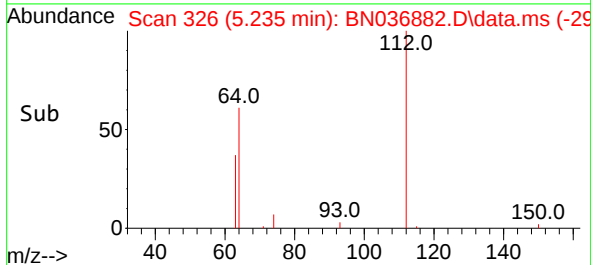
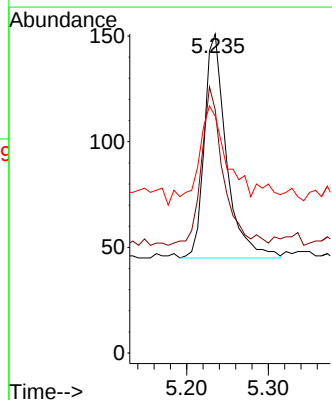
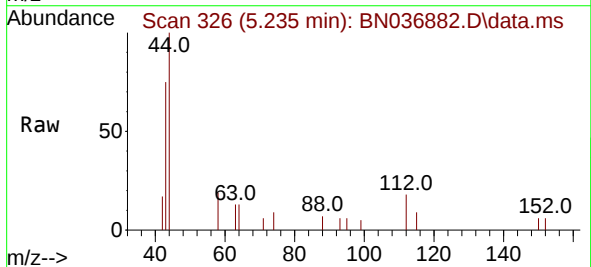
Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL

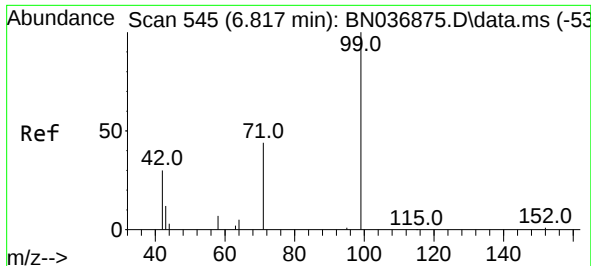
Tgt Ion:152 Resp: 172
 Ion Ratio Lower Upper
 152 100
 150 123.7 123.0 184.6
 115 87.8 60.1 90.1



#4
 2-Fluorophenol
 Concen: 0.492 ng
 RT: 5.235 min Scan# 326
 Delta R.T. 0.007 min
 Lab File: BN036882.D
 Acq: 11 Apr 2025 17:29

Tgt Ion:112 Resp: 199
 Ion Ratio Lower Upper
 112 100
 64 70.9 54.0 81.0
 63 57.3 35.1 52.7#

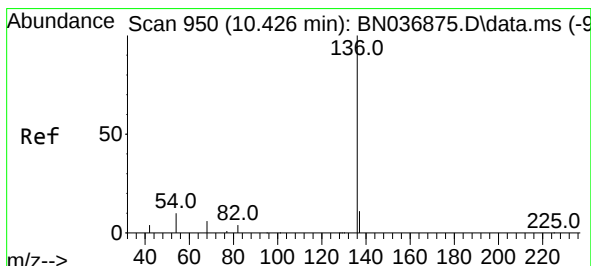
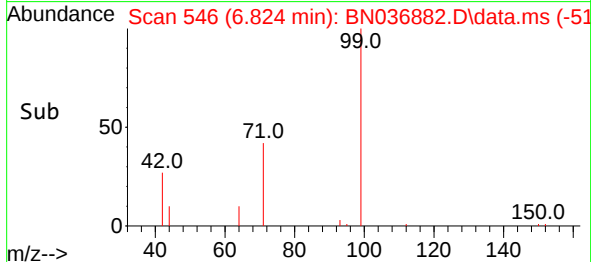
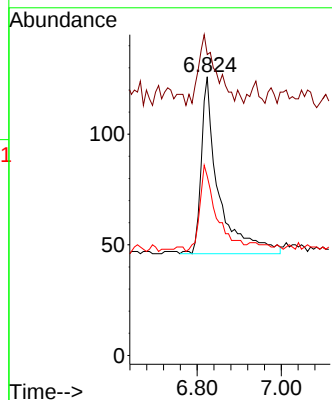
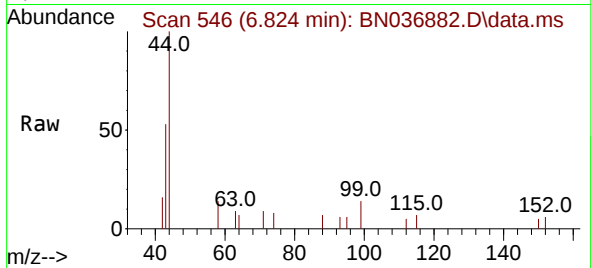




#5
Phenol-d6
Concen: 0.439 ng
RT: 6.824 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN036882.D
Acq: 11 Apr 2025 17:29

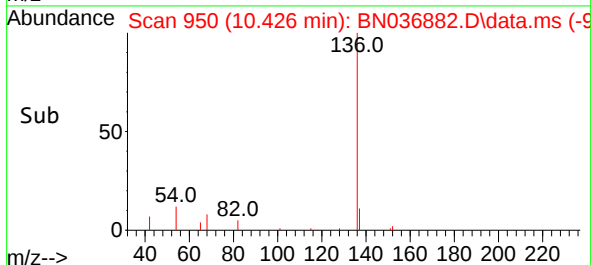
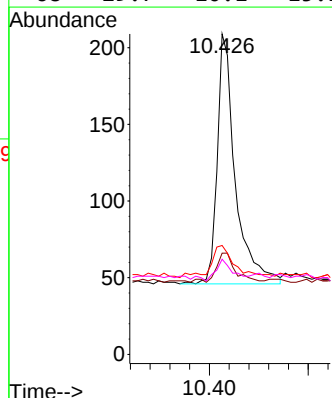
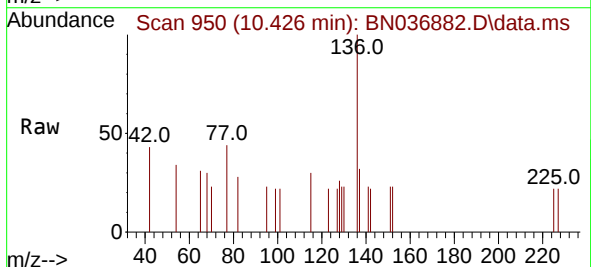
Instrument :
BNA_N
ClientSampleId :
PB167565BL

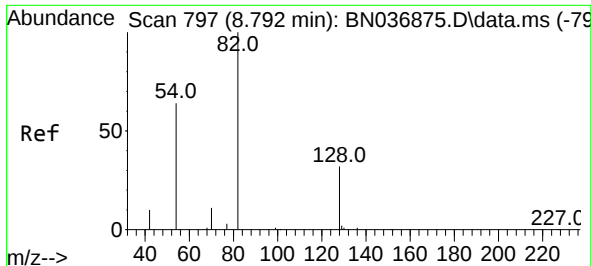
Tgt Ion: 99 Resp: 227
Ion Ratio Lower Upper
99 100
42 41.0 30.9 46.3
71 48.0 38.6 58.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 950
Delta R.T. 0.000 min
Lab File: BN036882.D
Acq: 11 Apr 2025 17:29

Tgt Ion: 136 Resp: 413
Ion Ratio Lower Upper
136 100
137 31.6 13.5 20.3#
54 34.0 12.8 19.2#
68 29.7 10.1 15.1#

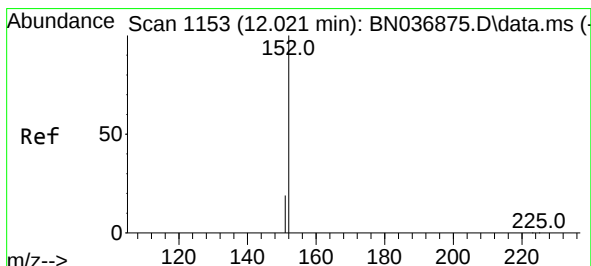
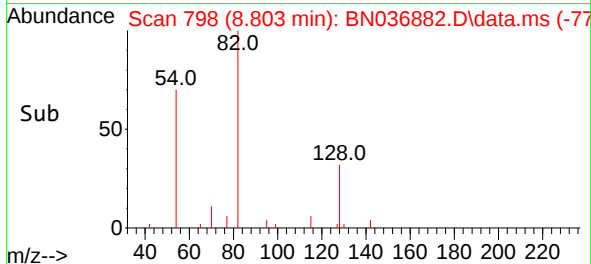
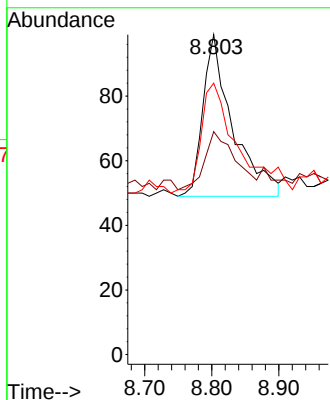
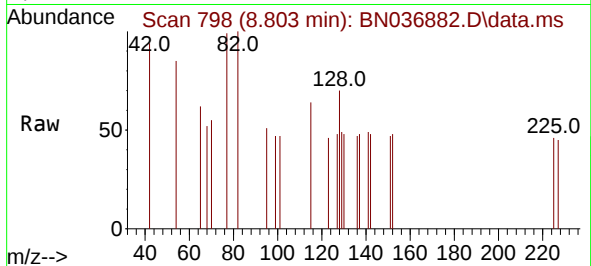




#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.803 min Scan# 797
Delta R.T. 0.011 min
Lab File: BN036882.D
Acq: 11 Apr 2025 17:29

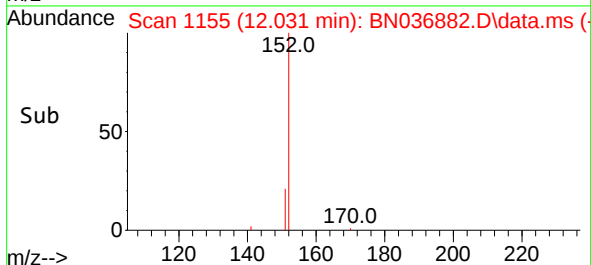
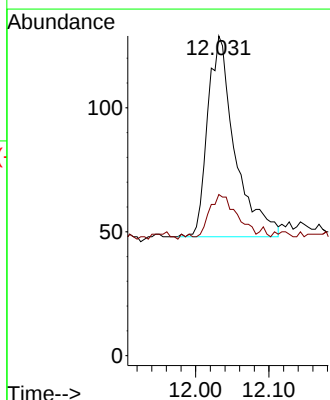
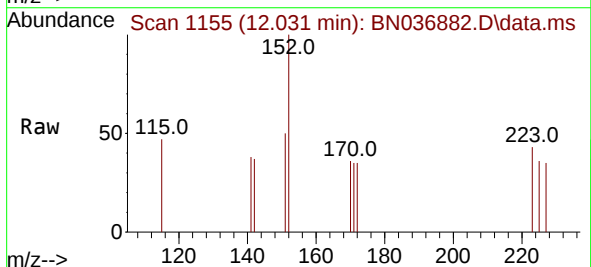
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BNA_N
ClientSampleId :
PB167565BL

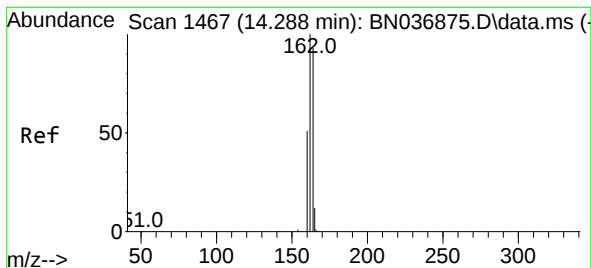
Tgt Ion: 82 Resp: 154
Ion Ratio Lower Upper
82 100
128 69.7 35.5 53.3#
54 84.8 56.2 84.4#



#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.031 min Scan# 1155
Delta R.T. 0.010 min
Lab File: BN036882.D
Acq: 11 Apr 2025 17:29

Tgt Ion: 152 Resp: 209
Ion Ratio Lower Upper
152 100
151 20.6 17.8 26.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.288 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BN036882.D

Acq: 11 Apr 2025 17:29

Instrument :

BNA_N

ClientSampleId :

PB167565BL

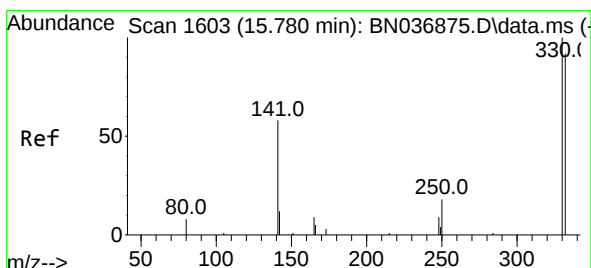
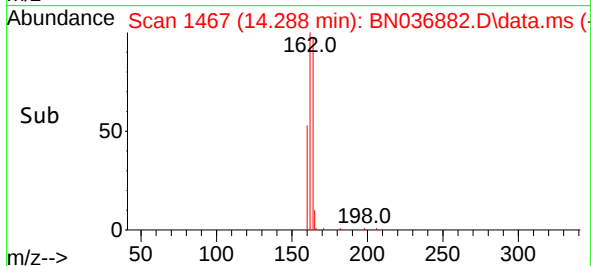
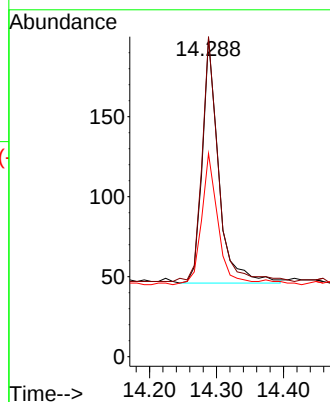
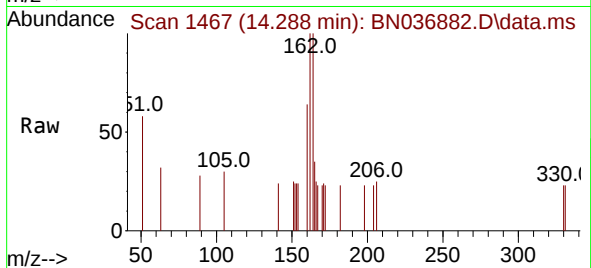
Tgt Ion:164 Resp: 260

Ion Ratio Lower Upper

164 100

162 100.5 85.7 128.5

160 63.8 46.9 70.3



#14

2,4,6-Tribromophenol

Concen: 0.367 ng

RT: 15.792 min Scan# 1604

Delta R.T. 0.013 min

Lab File: BN036882.D

Acq: 11 Apr 2025 17:29

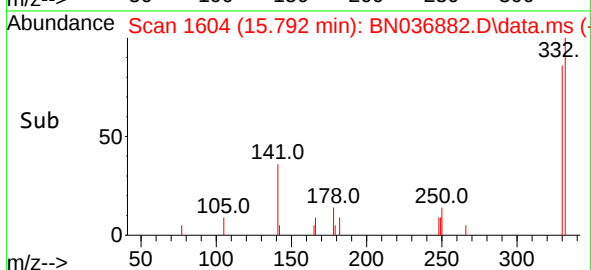
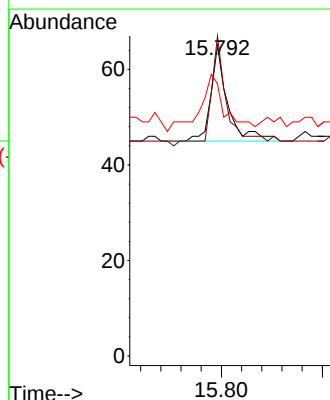
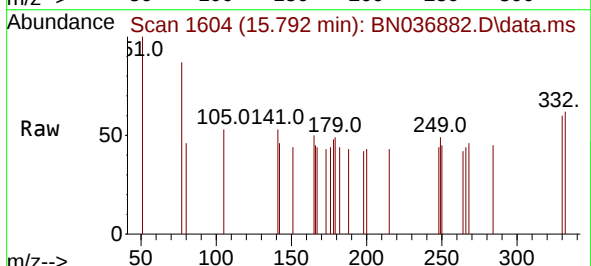
Tgt Ion:330 Resp: 46

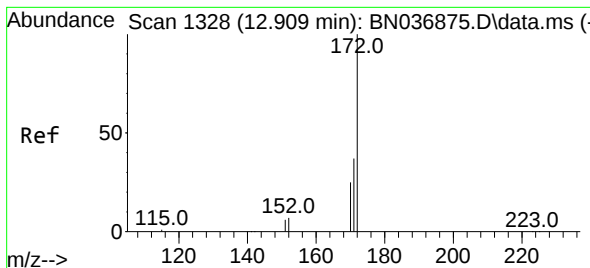
Ion Ratio Lower Upper

330 100

332 100.0 87.0 130.6

141 89.1 45.3 67.9#

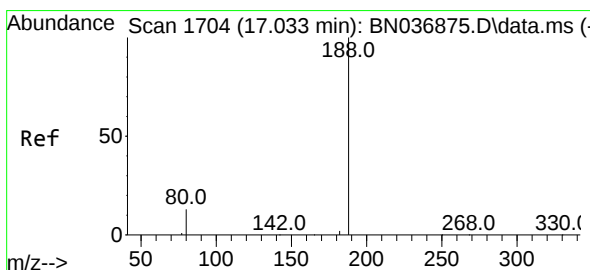
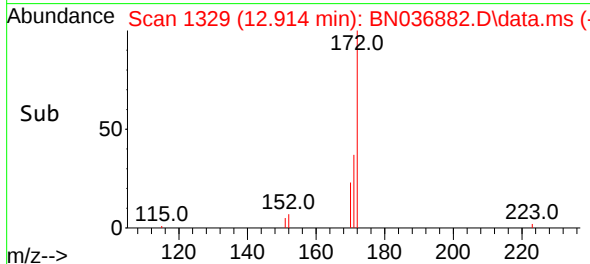
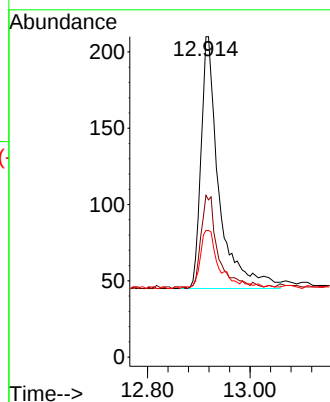
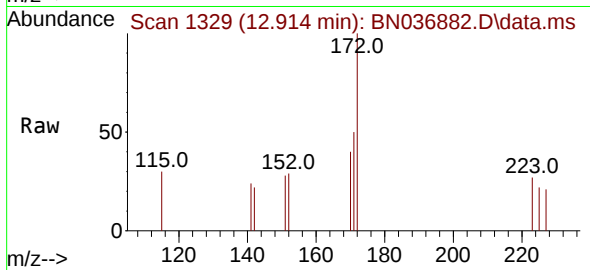




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.914 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036882.D
Acq: 11 Apr 2025 17:29

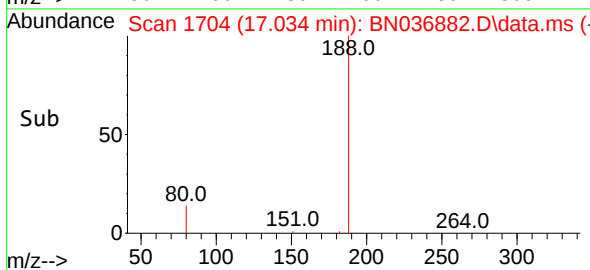
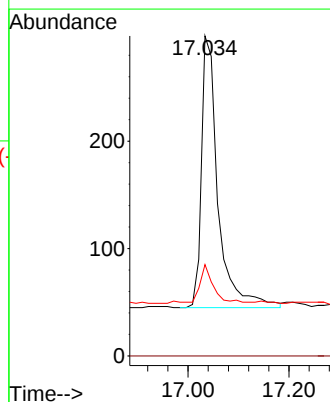
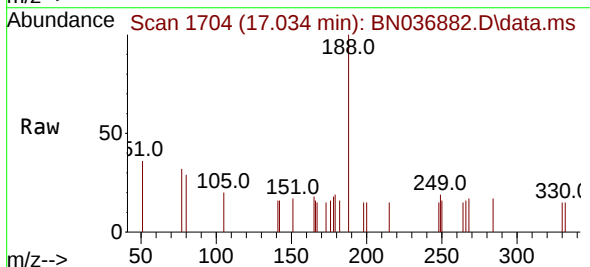
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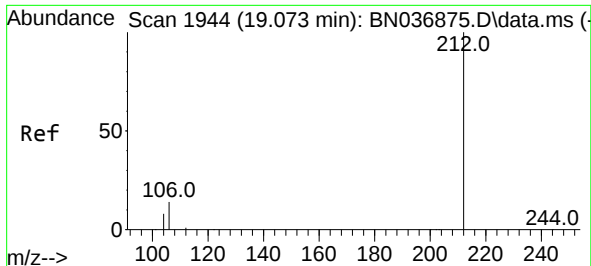
Tgt Ion:172 Resp: 457
Ion Ratio Lower Upper
172 100
171 50.5 32.7 49.1#
170 39.5 23.3 34.9#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.034 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN036882.D
Acq: 11 Apr 2025 17:29

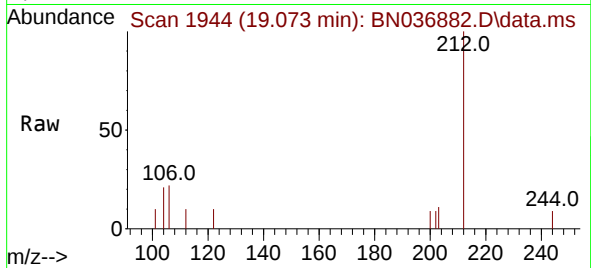
Tgt Ion:188 Resp: 577
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 28.5 13.9 20.9#



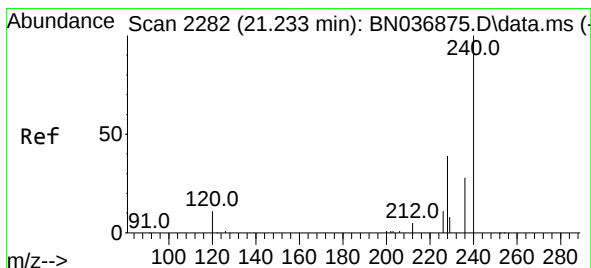
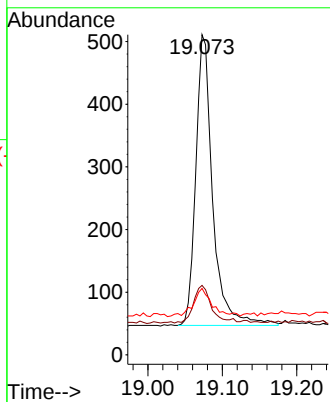
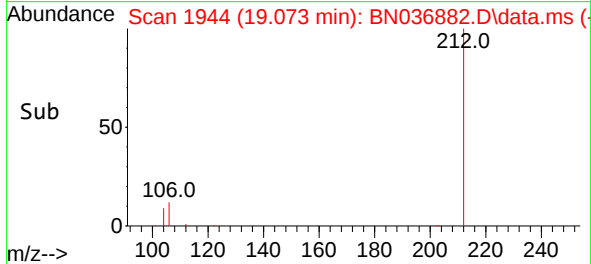


#27
Fluoranthene-d10
Concen: 0.448 ng
RT: 19.073 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BN036882.D
Acq: 11 Apr 2025 17:29

Instrument :
BNA_N
ClientSampleId :
PB167565BL

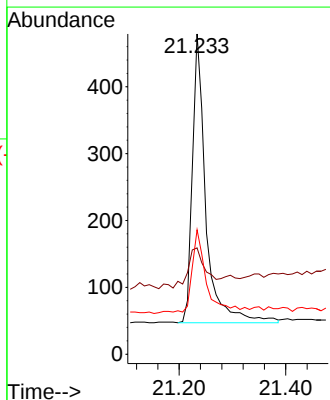
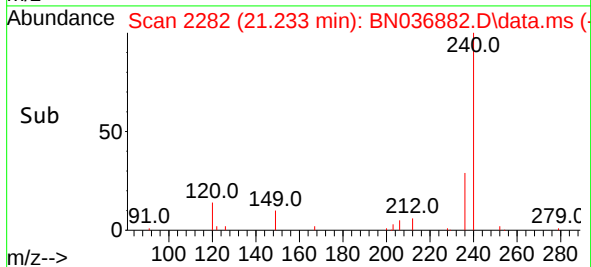
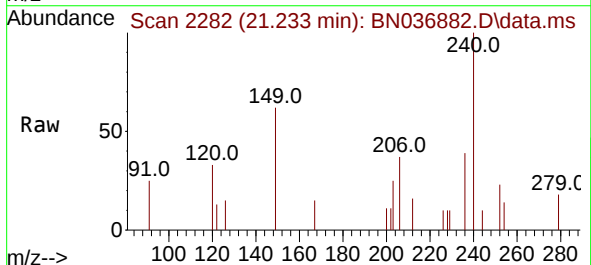


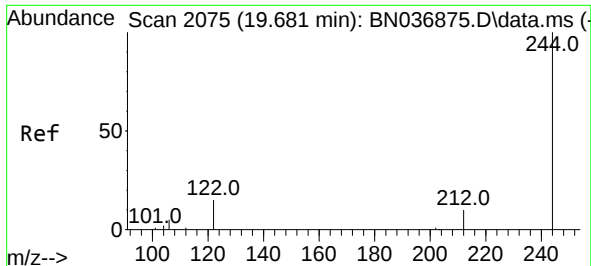
Tgt Ion:212 Resp: 729
Ion Ratio Lower Upper
212 100
106 14.0 11.2 16.8
104 11.0 7.5 11.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.233 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BN036882.D
Acq: 11 Apr 2025 17:29

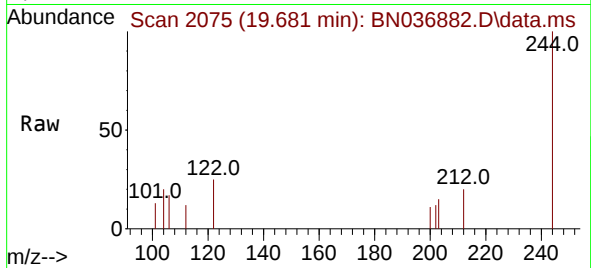
Tgt Ion:240 Resp: 763
Ion Ratio Lower Upper
240 100
120 33.2 15.8 23.6#
236 38.8 25.8 38.8#



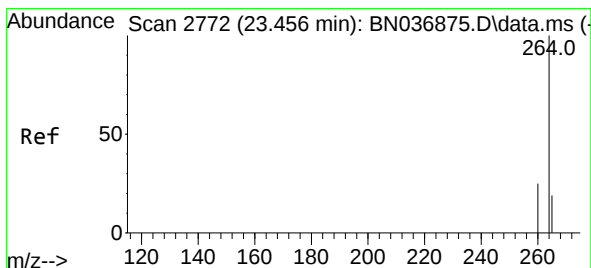
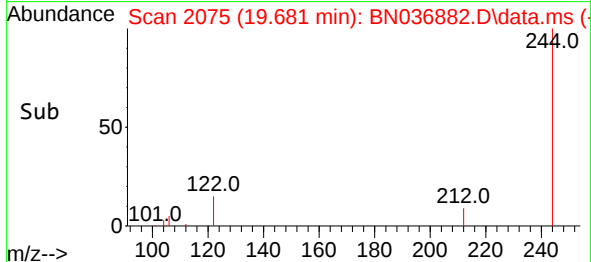
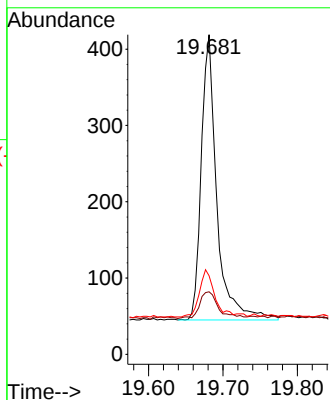


#31
 Terphenyl-d14
 Concen: 0.374 ng
 RT: 19.681 min Scan# 2075
 Delta R.T. 0.000 min
 Lab File: BN036882.D
 Acq: 11 Apr 2025 17:29

Instrument :
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Tgt Ion:244 Resp: 542
 Ion Ratio Lower Upper
 244 100
 212 19.6 11.6 17.4#
 122 24.6 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: BN036882.D
 Acq: 11 Apr 2025 17:29

Tgt Ion:264 Resp: 1009
 Ion Ratio Lower Upper
 264 100
 260 31.0 22.9 34.3
 265 180.2 88.6 132.8#

