

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022025\
 Data File : BN036474.D
 Acq On : 20 Feb 2025 10:47
 Operator : RC/JU
 Sample : PB166758BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166758BL

Quant Time: Feb 21 00:09:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	1874	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	3905	0.400	ng	# 0.01
13) Acenaphthene-d10	14.398	164	2305	0.400	ng	0.01
19) Phenanthrene-d10	17.148	188	4889	0.400	ng	# 0.01
29) Chrysene-d12	21.331	240	4485	0.400	ng	0.00
35) Perylene-d12	23.595	264	3907	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1773	0.400	ng	0.00
5) Phenol-d6	6.930	99	1793	0.345	ng	0.00
8) Nitrobenzene-d5	8.918	82	1432	0.372	ng	0.01
11) 2-Methylnaphthalene-d10	12.156	152	2086	0.348	ng	0.02
14) 2,4,6-Tribromophenol	15.907	330	220	0.193	ng	0.02
15) 2-Fluorobiphenyl	13.040	172	3041	0.351	ng	0.02
27) Fluoranthene-d10	19.169	212	5645	0.415	ng	0.00
31) Terphenyl-d14	19.768	244	3980	0.416	ng	0.00

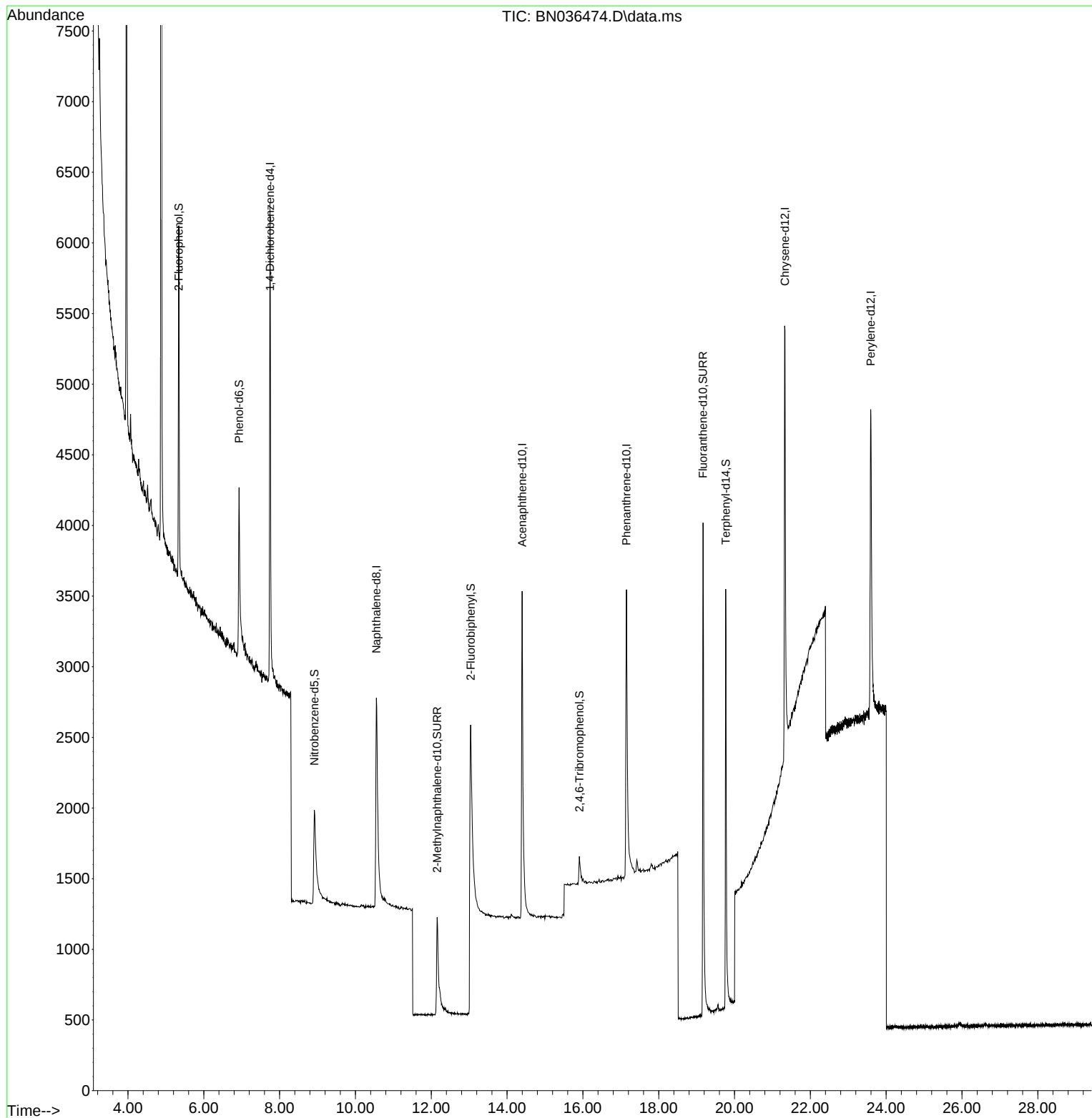
Target Compounds Qvalue

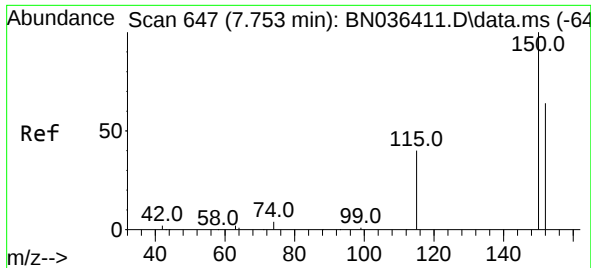
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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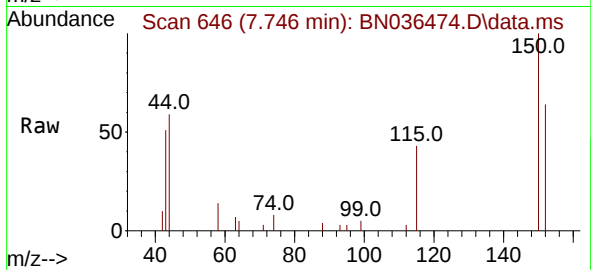
Quant Time: Feb 21 00:09:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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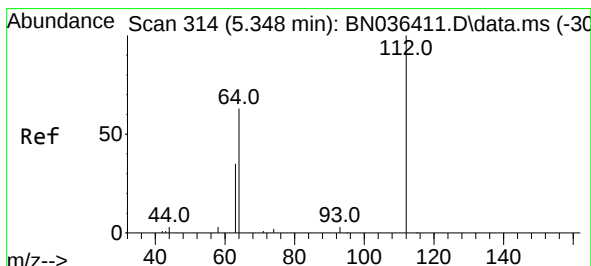
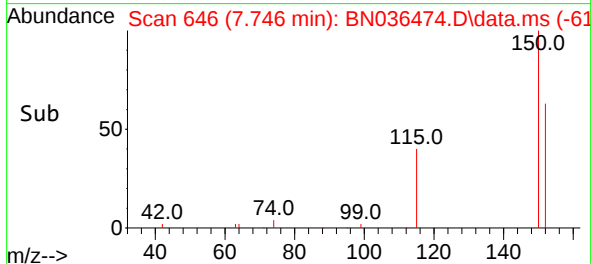
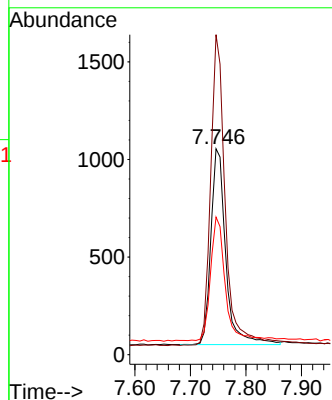


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036474.D
Acq: 20 Feb 2025 10:47

Instrument :
BNA_N
ClientSampleId :
PB166758BL

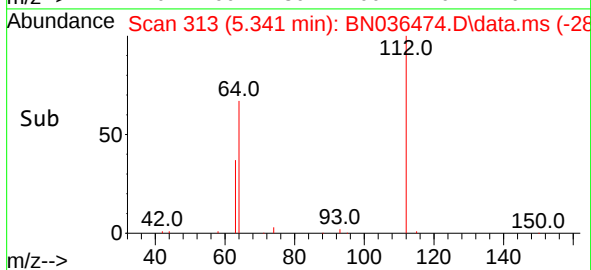
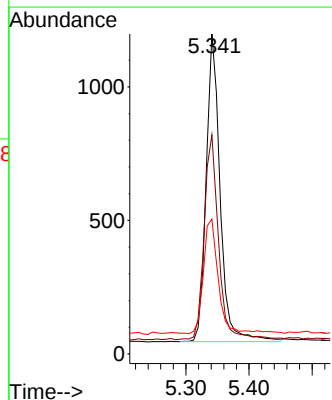
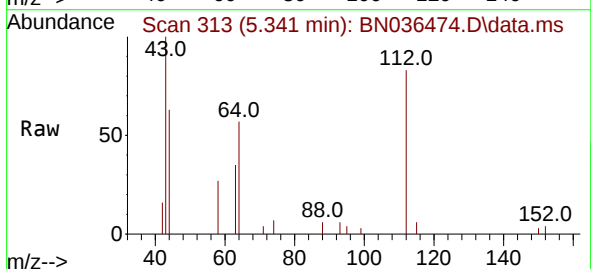


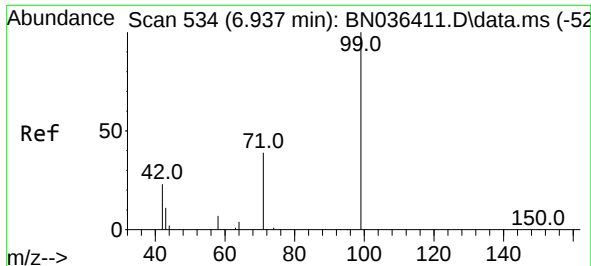
Tgt Ion:152 Resp: 1874
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 66.8 52.5 78.7



#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036474.D
Acq: 20 Feb 2025 10:47

Tgt Ion:112 Resp: 1773
Ion Ratio Lower Upper
112 100
64 68.7 53.4 80.0
63 39.0 30.3 45.5

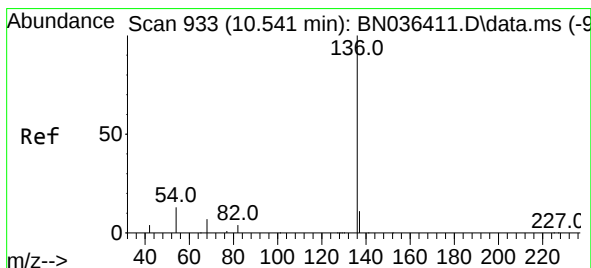
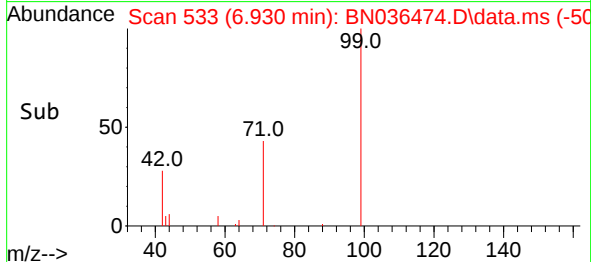
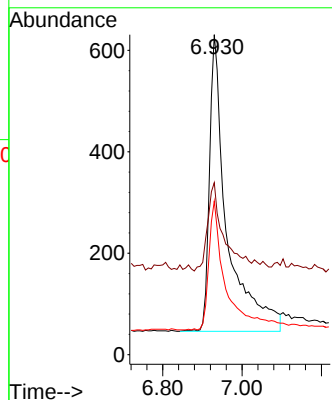
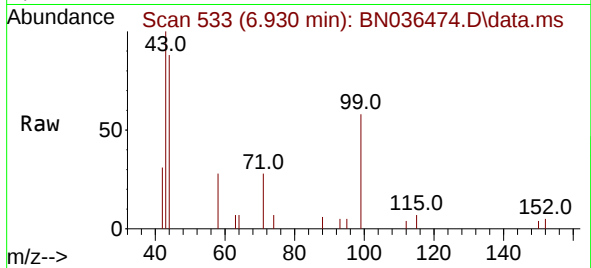




#5
Phenol-d6
Concen: 0.345 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036474.D
Acq: 20 Feb 2025 10:47

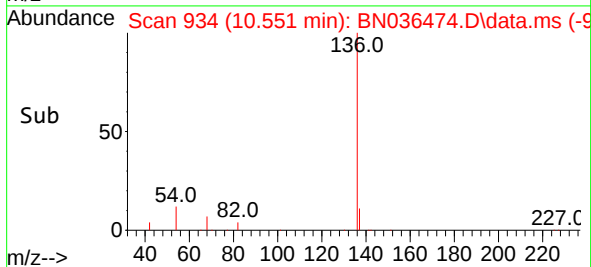
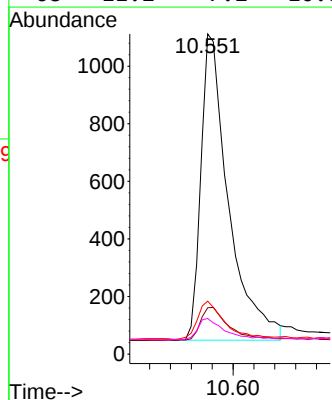
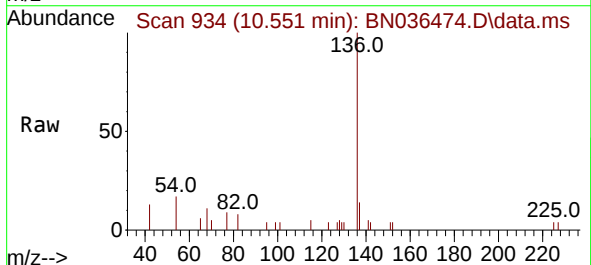
Instrument :
BNA_N
ClientSampleId :
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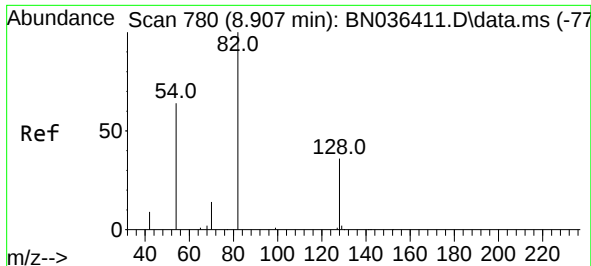
Tgt Ion: 99	Resp: 1793
Ion Ratio	Lower Upper
99	100
42	27.4 21.7 32.5
71	41.9 32.6 49.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 934
Delta R.T. 0.011 min
Lab File: BN036474.D
Acq: 20 Feb 2025 10:47

Tgt Ion: 136	Resp: 3905
Ion Ratio	Lower Upper
136	100
137	14.5 10.1 15.1
54	16.5 11.8 17.6
68	11.2 7.2 10.8

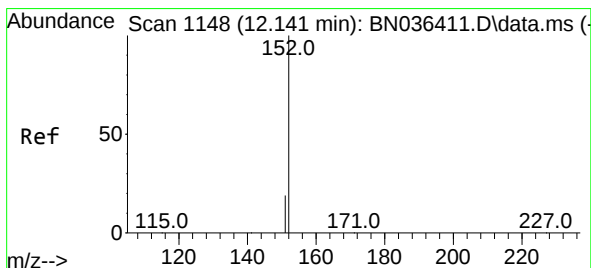
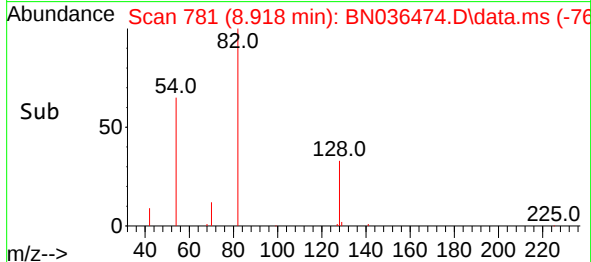
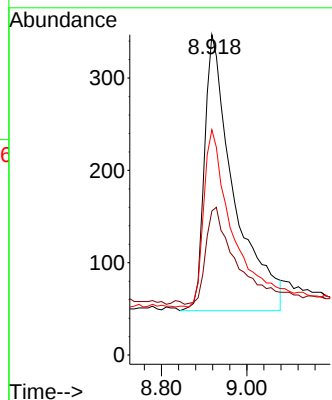
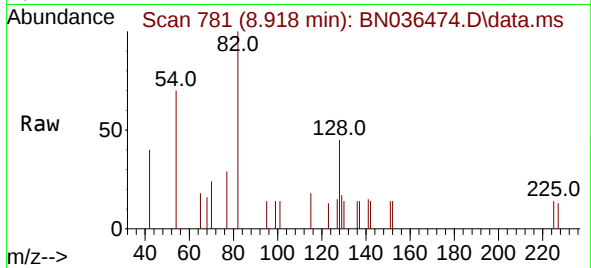




#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.918 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036474.D
Acq: 20 Feb 2025 10:47

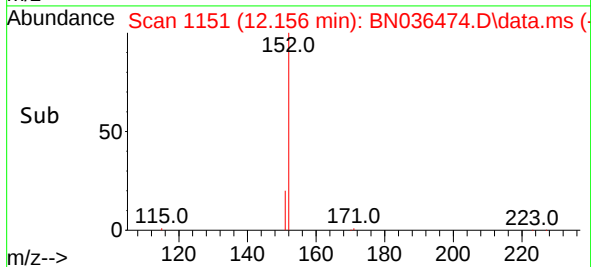
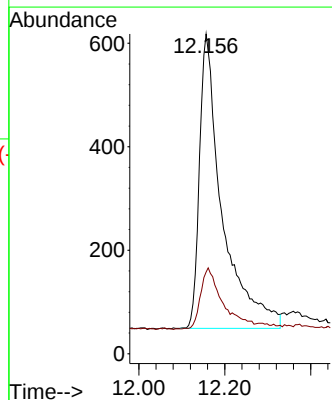
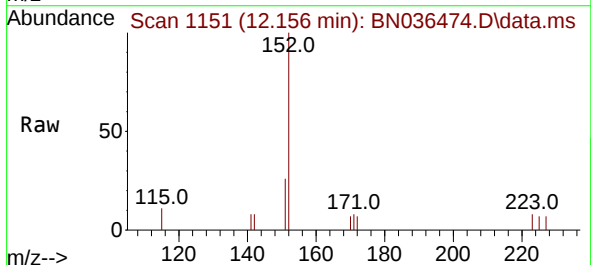
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ClientSampleId :
PB166758BL

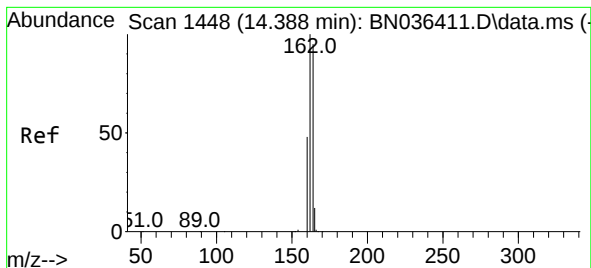
Tgt Ion: 82 Resp: 1432
Ion Ratio Lower Upper
82 100
128 45.0 31.9 47.9
54 70.3 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.156 min Scan# 1151
Delta R.T. 0.015 min
Lab File: BN036474.D
Acq: 20 Feb 2025 10:47

Tgt Ion: 152 Resp: 2086
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.398 min Scan# 1448

Delta R.T. 0.011 min

Lab File: BN036474.D

Acq: 20 Feb 2025 10:47

Instrument :

BNA_N

ClientSampleId :

PB166758BL

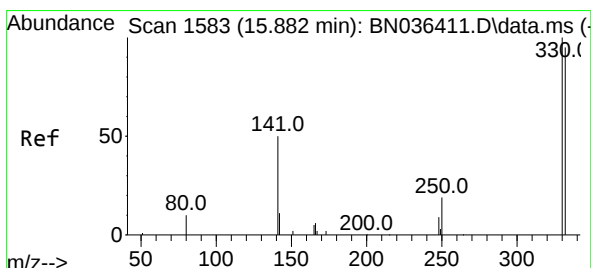
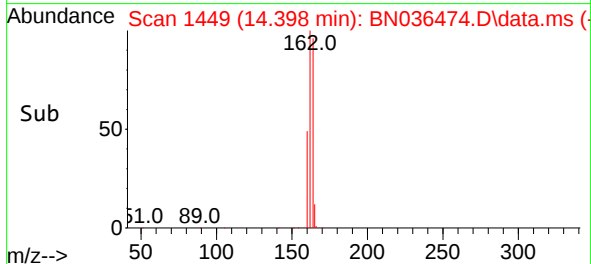
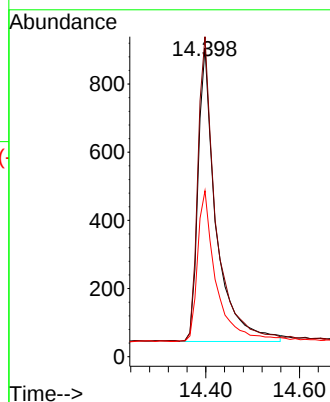
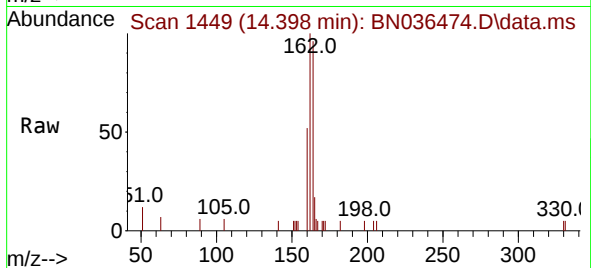
Tgt Ion:164 Resp: 2305

Ion Ratio Lower Upper

164 100

162 103.6 84.1 126.1

160 53.8 41.4 62.0



#14

2,4,6-Tribromophenol

Concen: 0.193 ng

RT: 15.907 min Scan# 1585

Delta R.T. 0.025 min

Lab File: BN036474.D

Acq: 20 Feb 2025 10:47

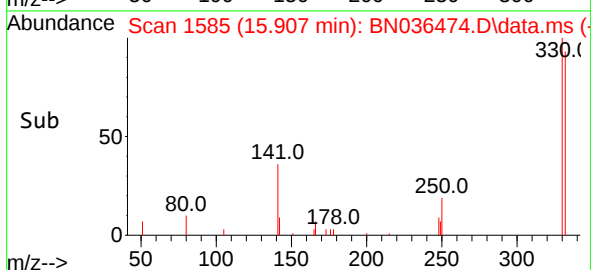
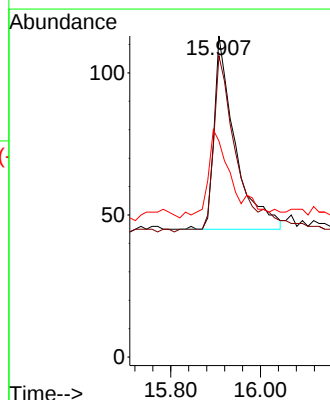
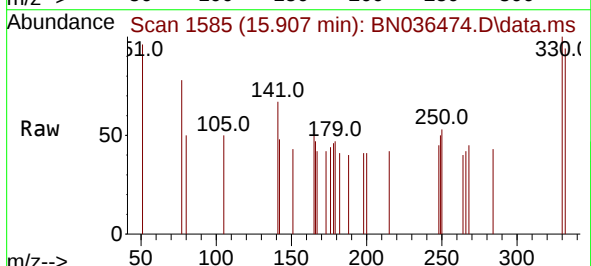
Tgt Ion:330 Resp: 220

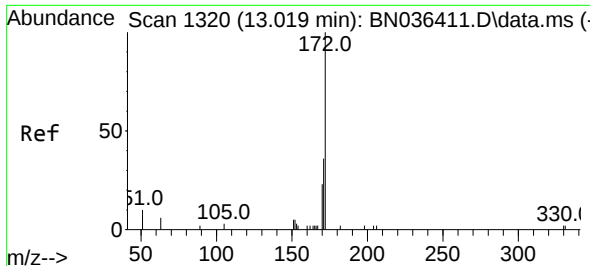
Ion Ratio Lower Upper

330 100

332 93.2 76.6 114.8

141 53.2 37.8 56.8

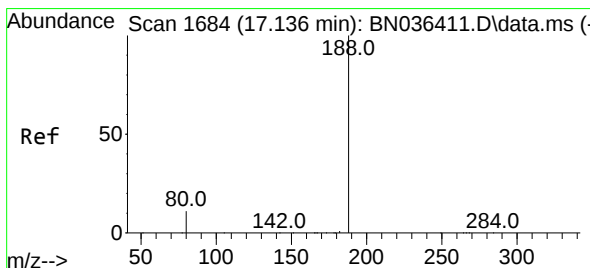
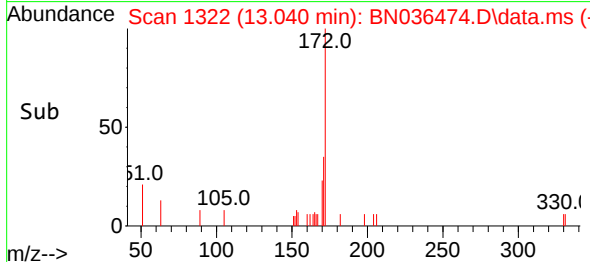
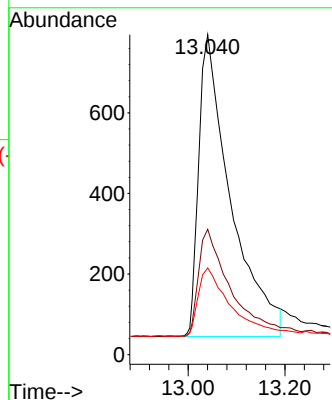
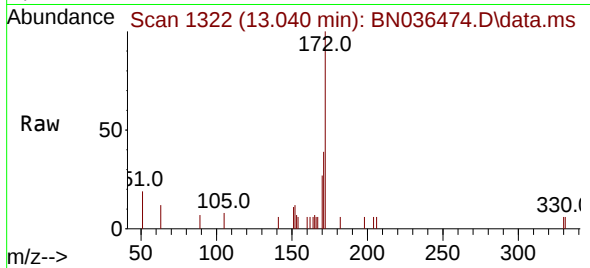




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.040 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN036474.D
Acq: 20 Feb 2025 10:47

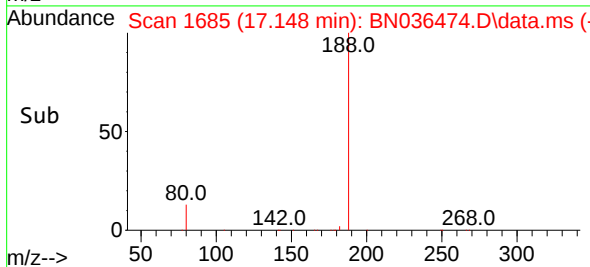
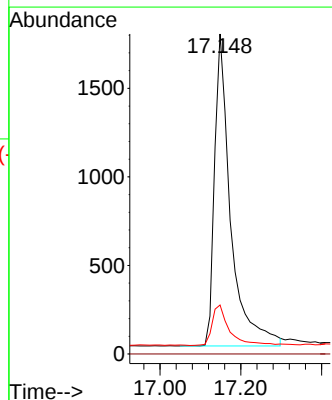
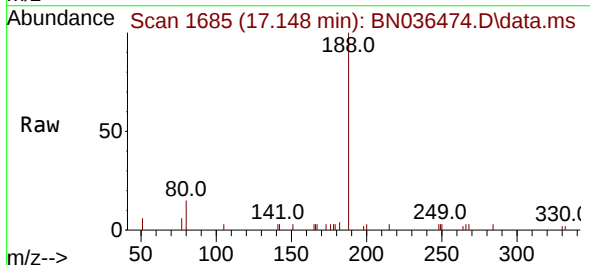
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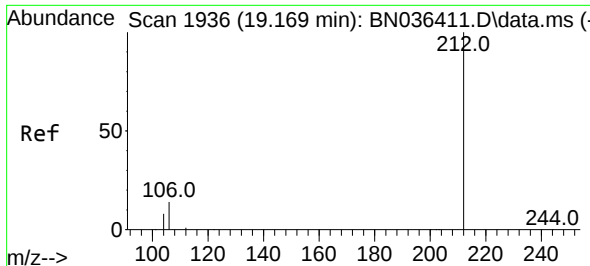
Tgt Ion:172 Resp: 3041
Ion Ratio Lower Upper
172 100
171 39.2 29.6 44.4
170 27.1 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BN036474.D
Acq: 20 Feb 2025 10:47

Tgt Ion:188 Resp: 4889
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 9.8 14.6#

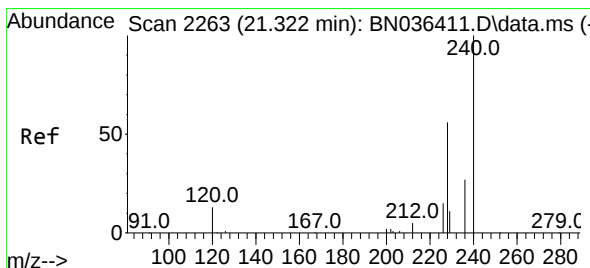
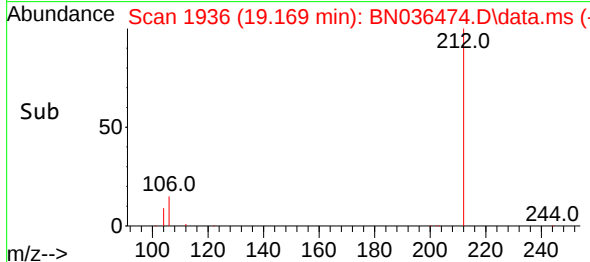
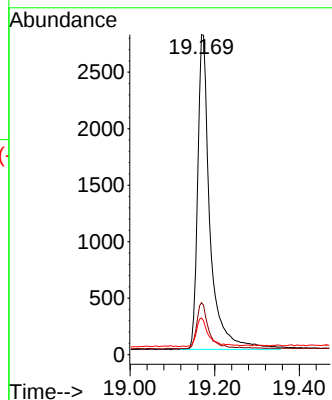
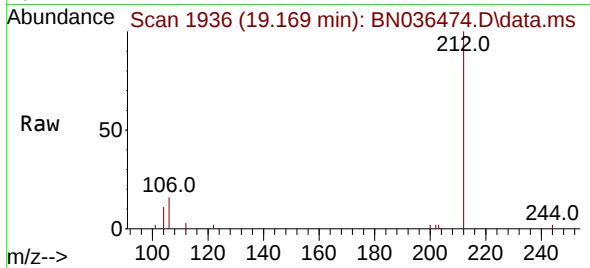




#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.169 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BN036474.D
Acq: 20 Feb 2025 10:47

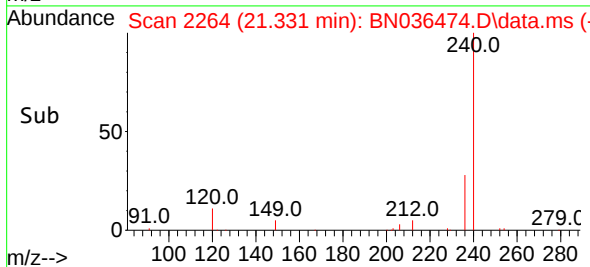
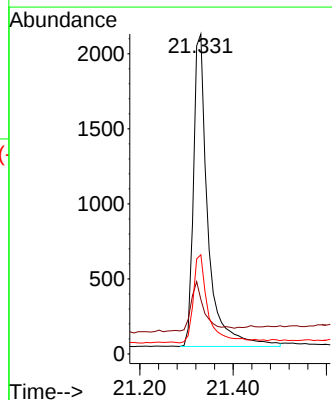
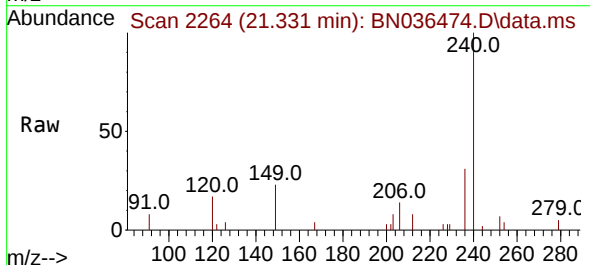
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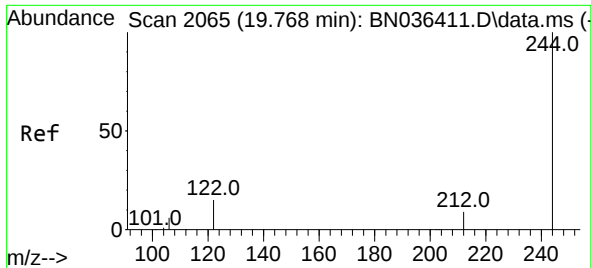
Tgt Ion:212 Resp: 5645
Ion Ratio Lower Upper
212 100
106 14.0 11.5 17.3
104 9.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. 0.009 min
Lab File: BN036474.D
Acq: 20 Feb 2025 10:47

Tgt Ion:240 Resp: 4485
Ion Ratio Lower Upper
240 100
120 17.0 13.3 19.9
236 31.0 23.0 34.6

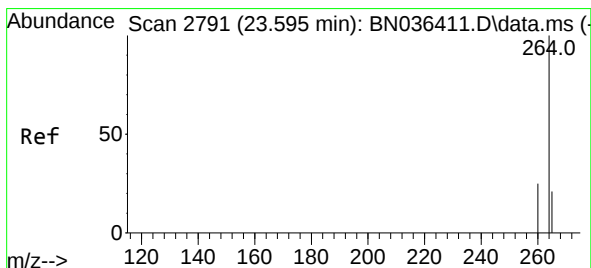
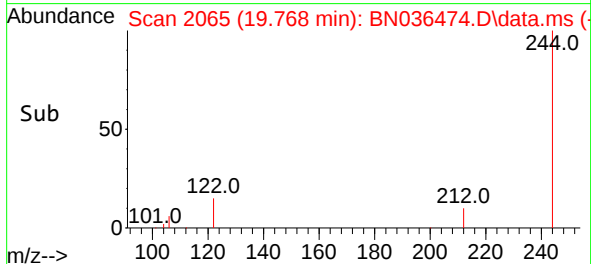
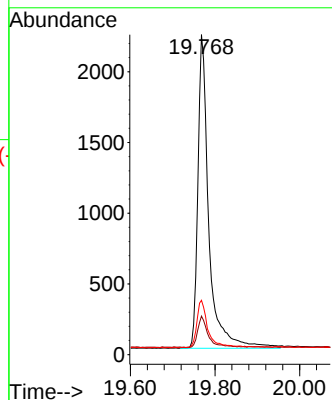
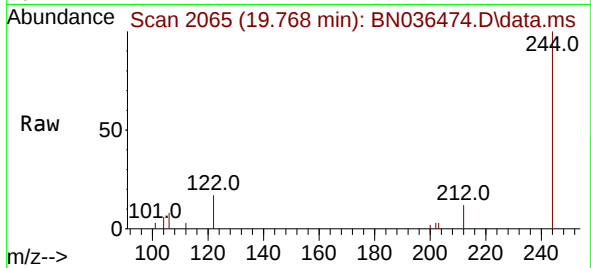




#31
 Terphenyl-d14
 Concen: 0.416 ng
 RT: 19.768 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN036474.D
 Acq: 20 Feb 2025 10:47

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:244 Resp: 3980
 Ion Ratio Lower Upper
 244 100
 212 12.0 8.1 12.1
 122 17.0 12.8 19.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.595 min Scan# 2791
 Delta R.T. -0.000 min
 Lab File: BN036474.D
 Acq: 20 Feb 2025 10:47

Tgt Ion:264 Resp: 3907
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.9 31.3
 265 121.1 60.7 91.1#

