

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034273.D
 Acq On : 27 Sep 2024 10:25
 Operator : RC/JU
 Sample : P4164-09DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20240919DL

Quant Time: Sep 27 10:57:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

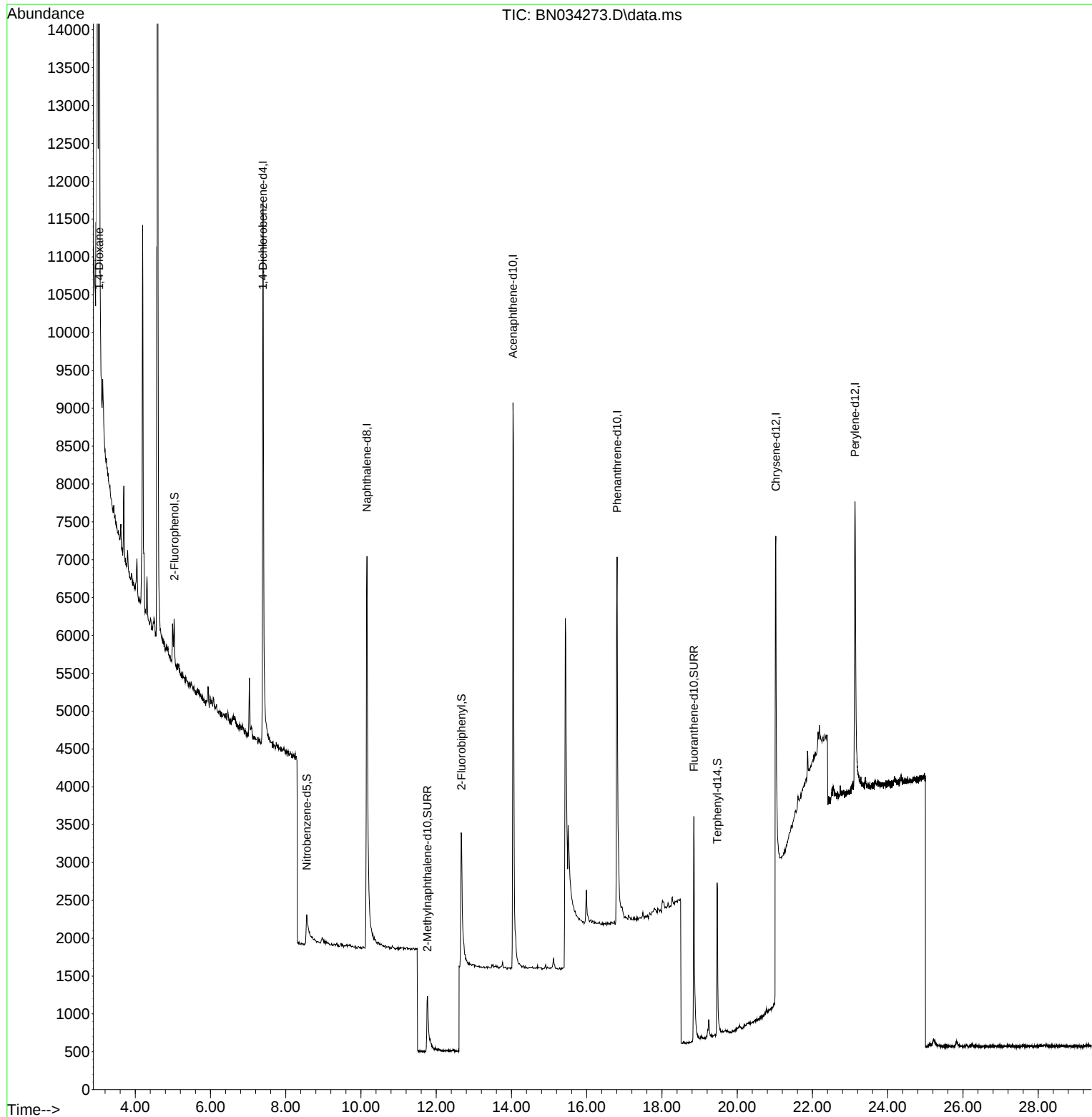
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.394	152	4149	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	11042	0.400	ng	# 0.01
13) Acenaphthene-d10	14.040	164	5804	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	10295	0.400	ng	# 0.00
29) Chrysene-d12	21.026	240	6956	0.400	ng	0.01
35) Perylene-d12	23.130	264	6520	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	466	0.040	ng	0.00
5) Phenol-d6	6.614	99	210	0.015	ng	0.01
8) Nitrobenzene-d5	8.557	82	801	0.095	ng	0.02
11) 2-Methylnaphthalene-d10	11.765	152	1933	0.119	ng	0.01
14) 2,4,6-Tribromophenol	15.555	330	44	0.017	ng	0.00
15) 2-Fluorobiphenyl	12.672	172	3091	0.131	ng	0.01
27) Fluoranthene-d10	18.848	212	4201	0.162	ng	0.00
31) Terphenyl-d14	19.470	244	2611	0.188	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.039	88	19403	3.741	ng	# 85

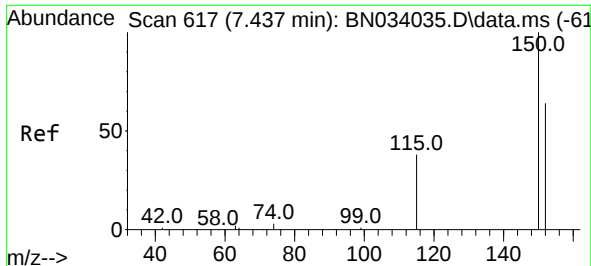
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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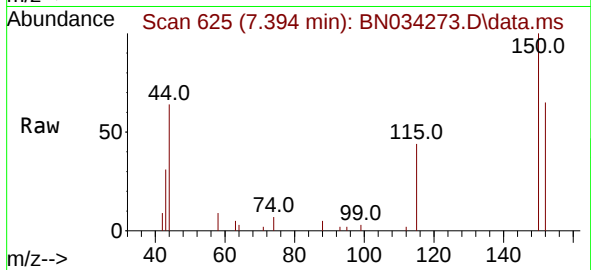
Quant Time: Sep 27 10:57:39 2024
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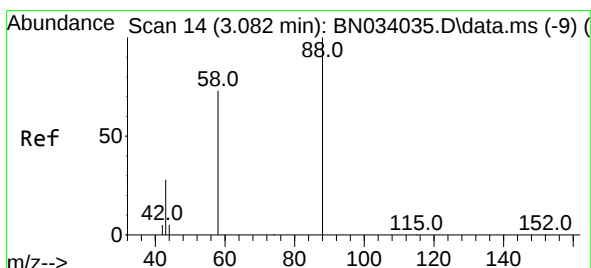
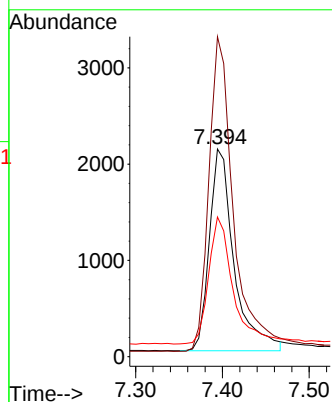
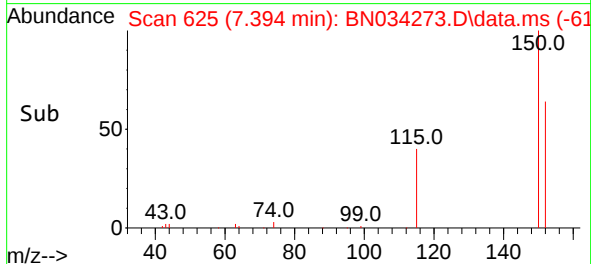


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919DL

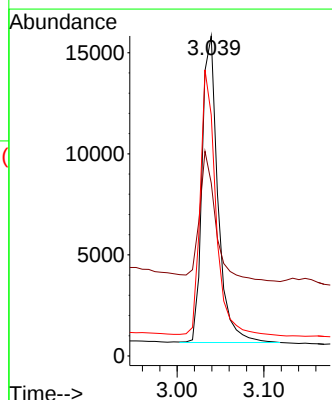
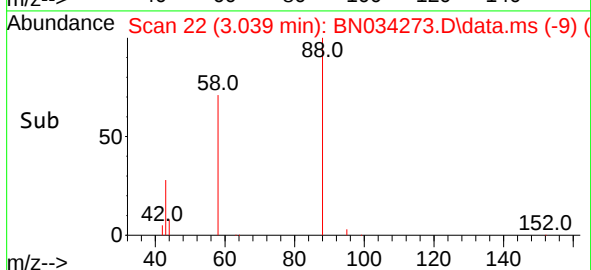
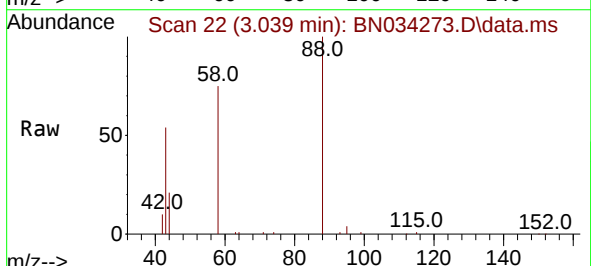


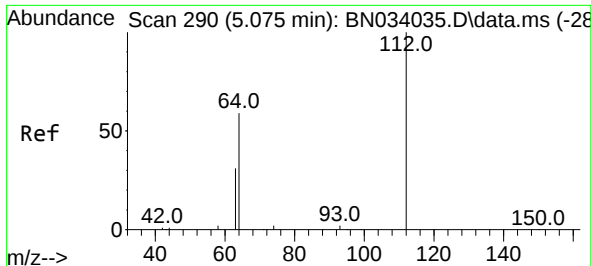
Tgt Ion:152 Resp: 4149
Ion Ratio Lower Upper
152 100
150 154.1 124.6 187.0
115 67.2 50.0 75.0



#2
1,4-Dioxane
Concen: 3.741 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

Tgt Ion: 88 Resp: 19403
Ion Ratio Lower Upper
88 100
43 43.2 25.8 38.8#
58 84.7 58.8 88.2

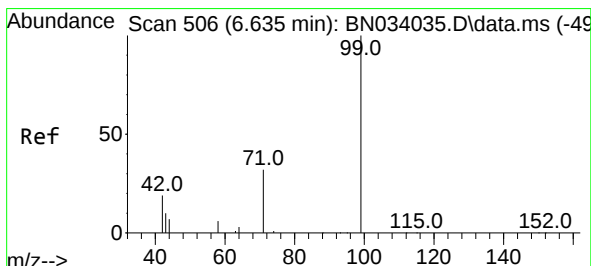
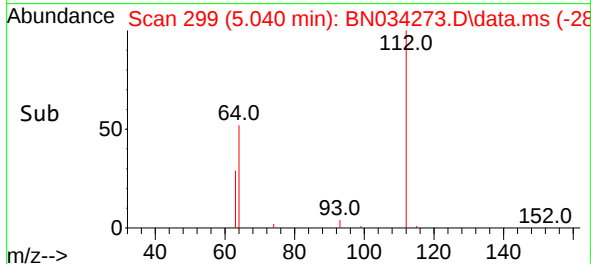
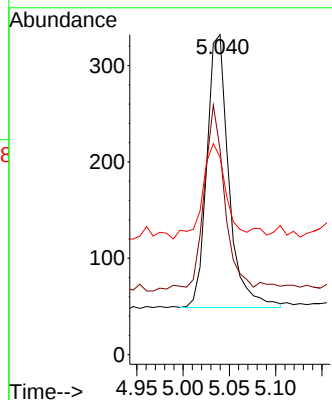
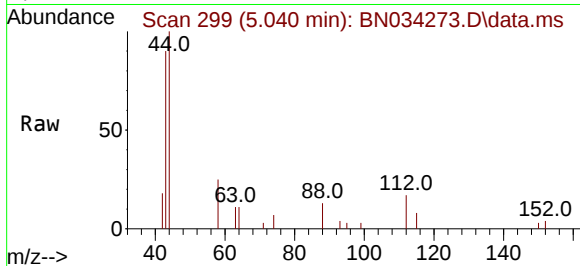




#4
2-Fluorophenol
Concen: 0.040 ng
RT: 5.040 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

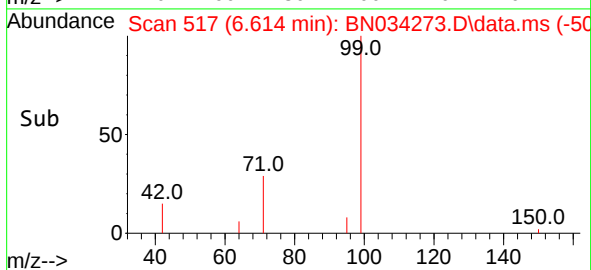
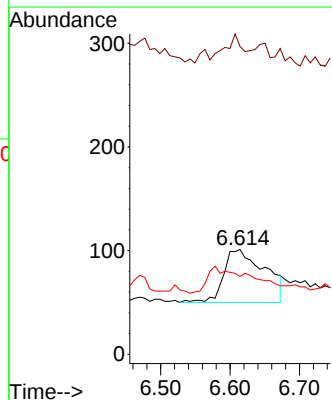
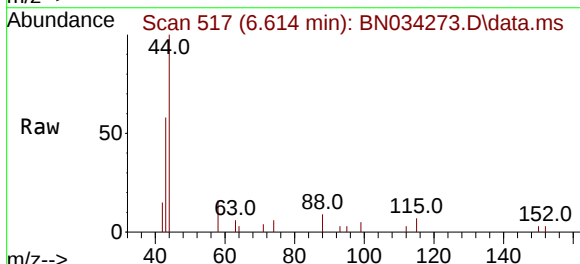
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919DL

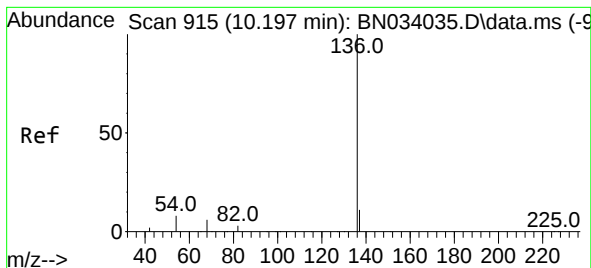
Tgt Ion:112 Resp: 466
Ion Ratio Lower Upper
112 100
64 65.0 48.6 72.8
63 37.1 25.6 38.4



#5
Phenol-d6
Concen: 0.015 ng
RT: 6.614 min Scan# 517
Delta R.T. 0.014 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

Tgt Ion: 99 Resp: 210
Ion Ratio Lower Upper
99 100
42 18.6 17.8 26.8
71 0.0 26.2 39.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.159 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240919DL

Tgt Ion:136 Resp: 11042

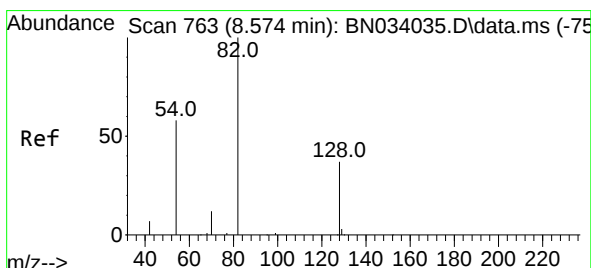
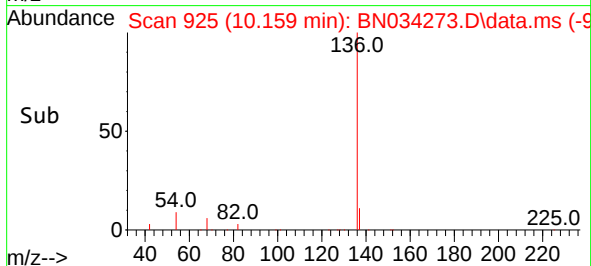
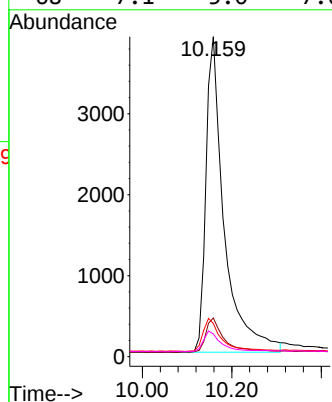
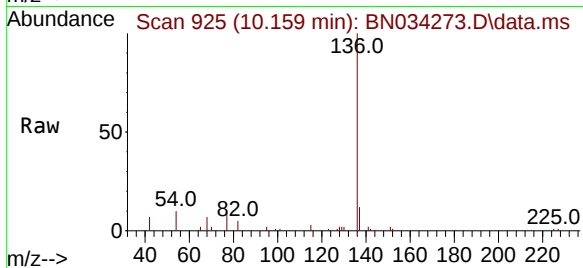
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 10.4 6.8 10.2#

68 7.1 5.0 7.6



#8

Nitrobenzene-d5

Concen: 0.095 ng

RT: 8.557 min Scan# 775

Delta R.T. 0.021 min

Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

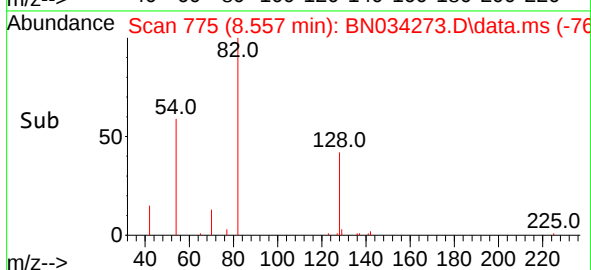
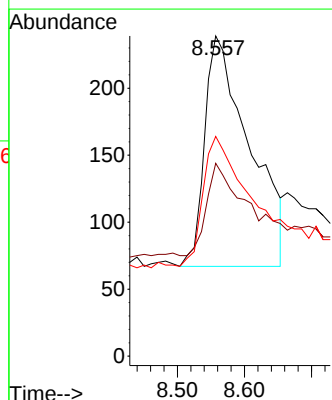
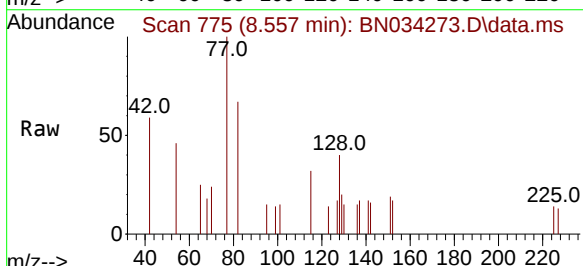
Tgt Ion: 82 Resp: 801

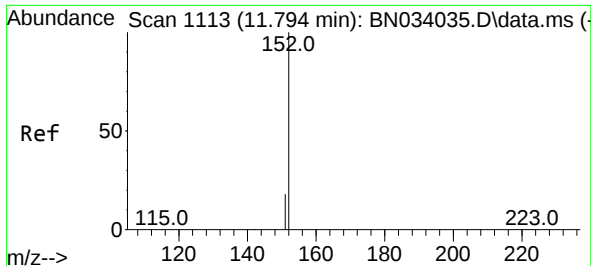
Ion Ratio Lower Upper

82 100

128 60.3 31.4 47.2#

54 68.6 47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.119 ng

RT: 11.765 min Scan# 1113

Delta R.T. 0.011 min

Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

Instrument :

BNA_N

ClientSampleId :

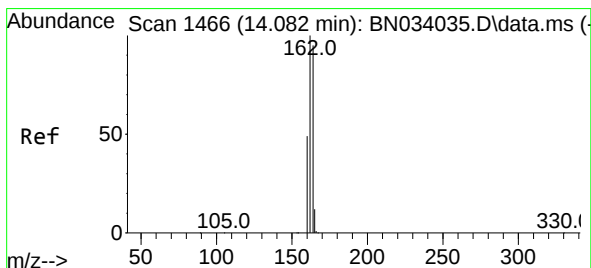
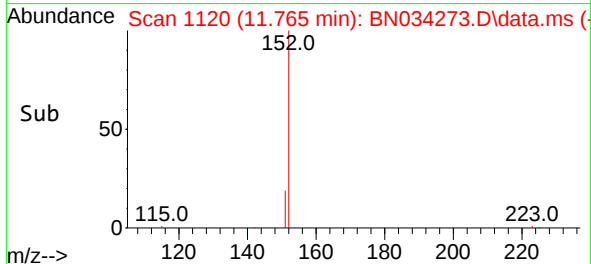
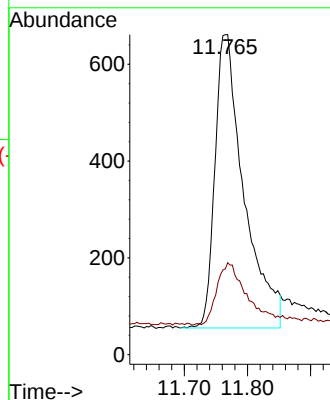
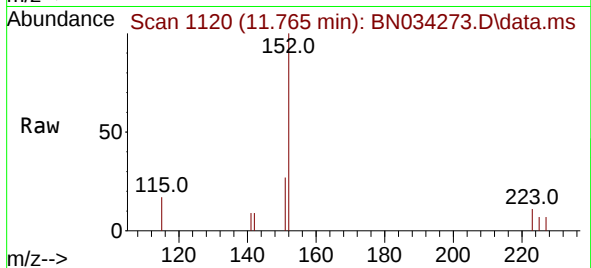
RE134D3-20240919DL

Tgt Ion:152 Resp: 1933

Ion Ratio Lower Upper

152 100

151 22.2 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.040 min Scan# 1477

Delta R.T. -0.007 min

Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

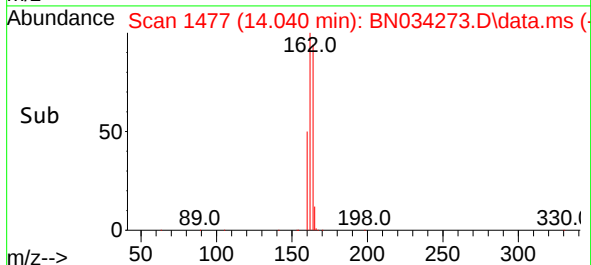
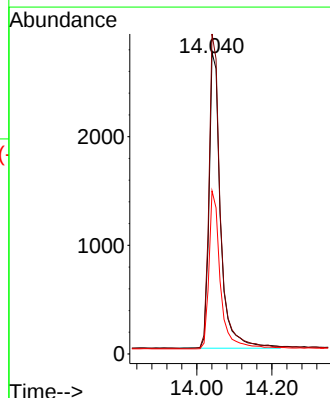
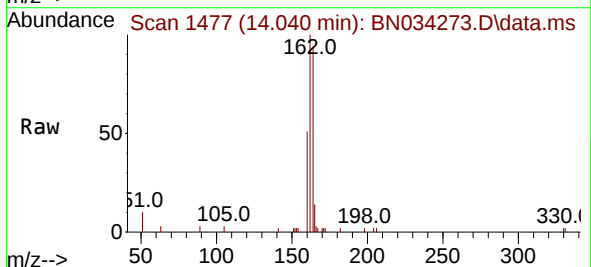
Tgt Ion:164 Resp: 5804

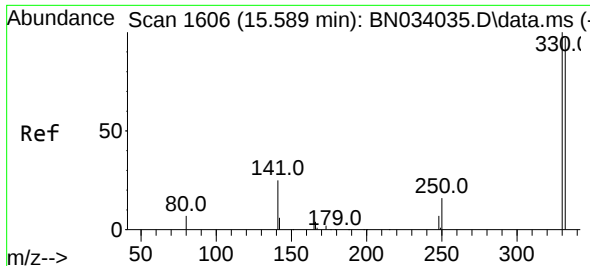
Ion Ratio Lower Upper

164 100

162 106.2 84.2 126.2

160 54.1 41.7 62.5

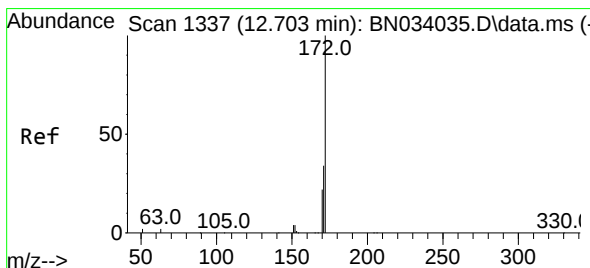
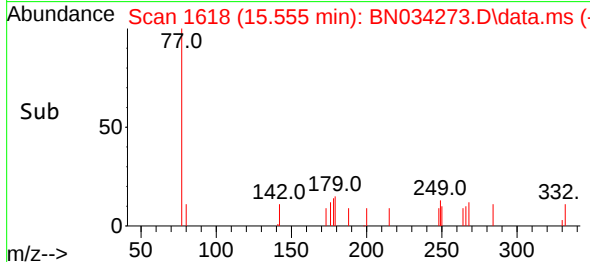
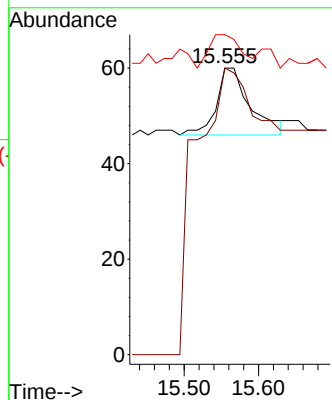
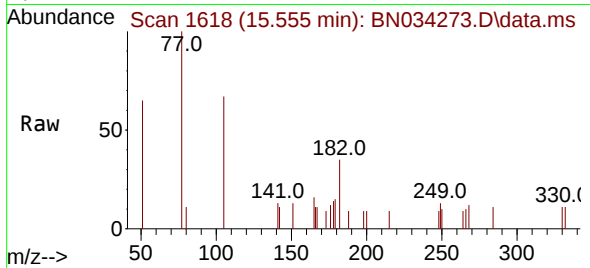




#14
2,4,6-Tribromophenol
Concen: 0.017 ng
RT: 15.555 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

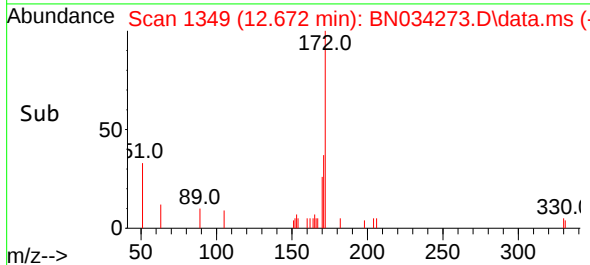
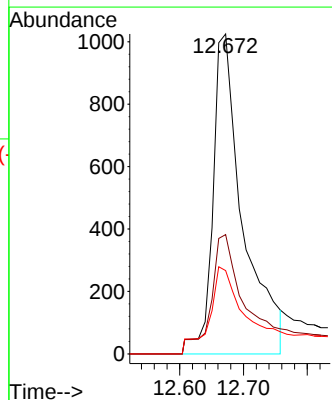
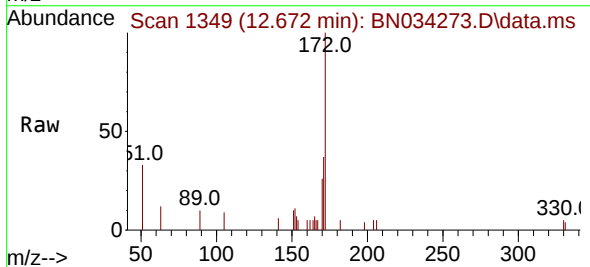
Instrument :
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RE134D3-20240919DL

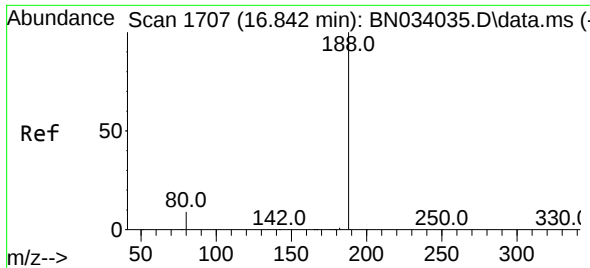
Tgt Ion:330 Resp: 44
Ion Ratio Lower Upper
330 100
332 918.2 77.4 116.0#
141 47.7 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.131 ng
RT: 12.672 min Scan# 1349
Delta R.T. 0.015 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

Tgt Ion:172 Resp: 3091
Ion Ratio Lower Upper
172 100
171 37.3 27.3 40.9
170 26.0 18.1 27.1

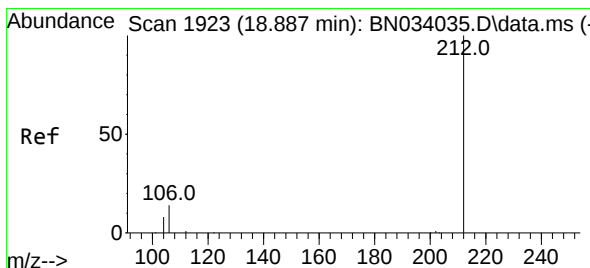
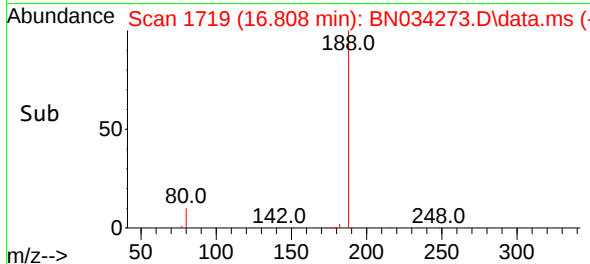
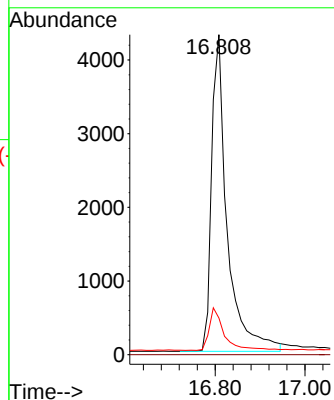
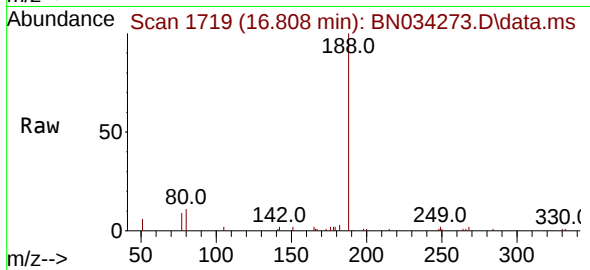




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.808 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

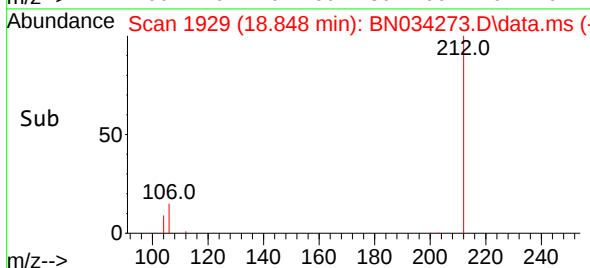
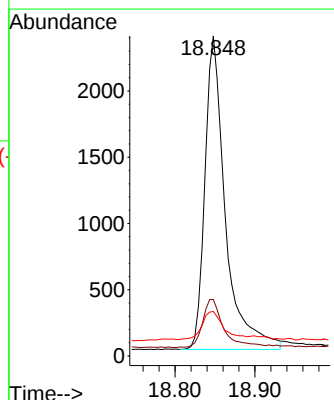
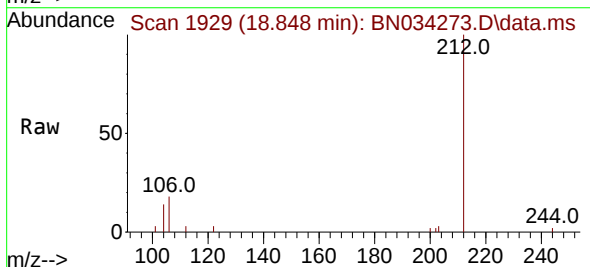
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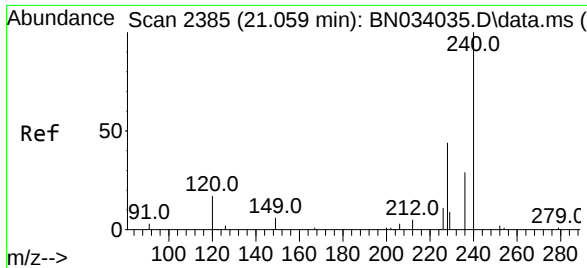
Tgt Ion:188 Resp: 10295
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.162 ng
RT: 18.848 min Scan# 1929
Delta R.T. 0.002 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

Tgt Ion:212 Resp: 4201
Ion Ratio Lower Upper
212 100
106 15.8 13.4 20.2
104 9.2 7.8 11.6

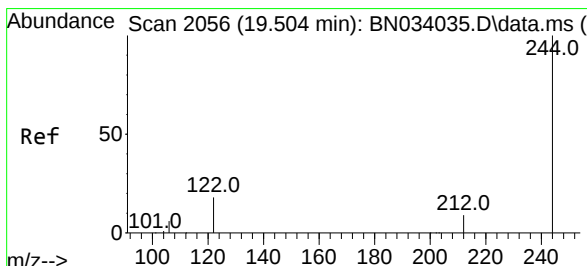
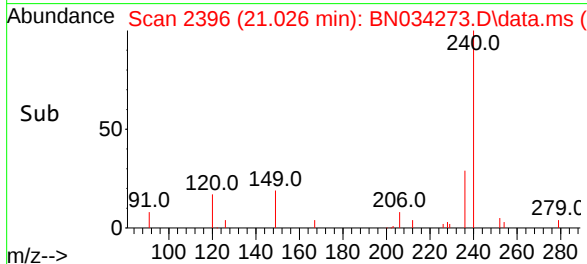
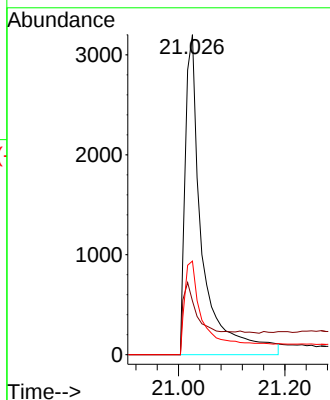
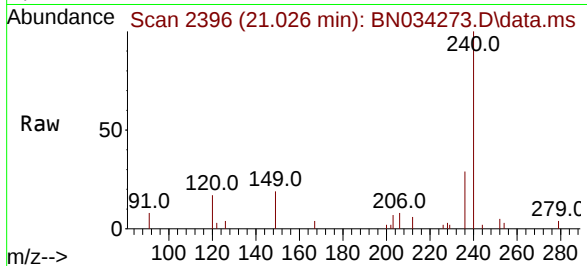




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.026 min Scan# 21
Delta R.T. 0.011 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

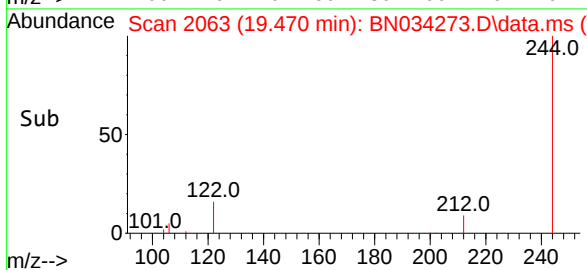
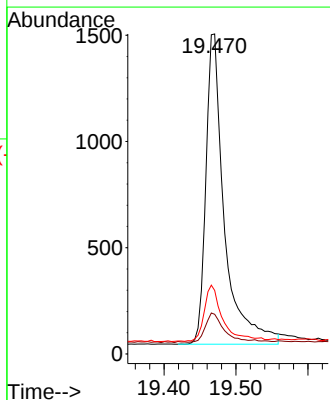
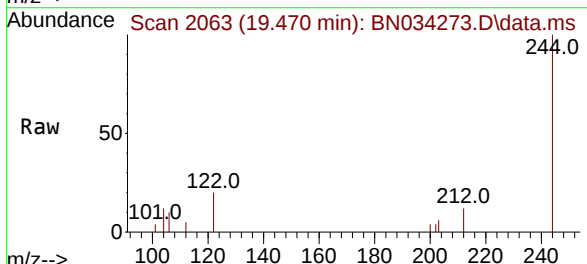
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919DL

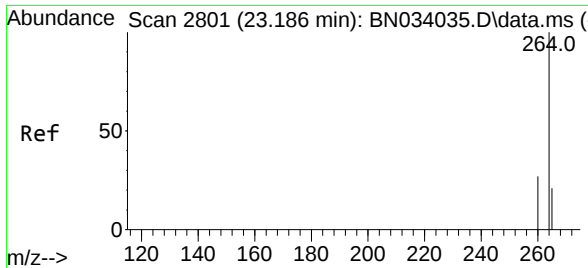
Tgt Ion:240 Resp: 6956
Ion Ratio Lower Upper
240 100
120 16.8 13.5 20.3
236 29.3 23.4 35.0



#31
Terphenyl-d14
Concen: 0.188 ng
RT: 19.470 min Scan# 2063
Delta R.T. 0.002 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

Tgt Ion:244 Resp: 2611
Ion Ratio Lower Upper
244 100
212 12.4 7.8 11.6#
122 19.9 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.130 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919DL

Tgt Ion:264 Resp: 6520
Ion Ratio Lower Upper
264 100
260 26.7 21.7 32.5
265 109.3 52.1 78.1#

