

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028955.D
 Acq On : 01 Dec 2023 20:00
 Operator : MA/JU
 Sample : 05357-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20231108

Quant Time: Dec 01 23:16:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

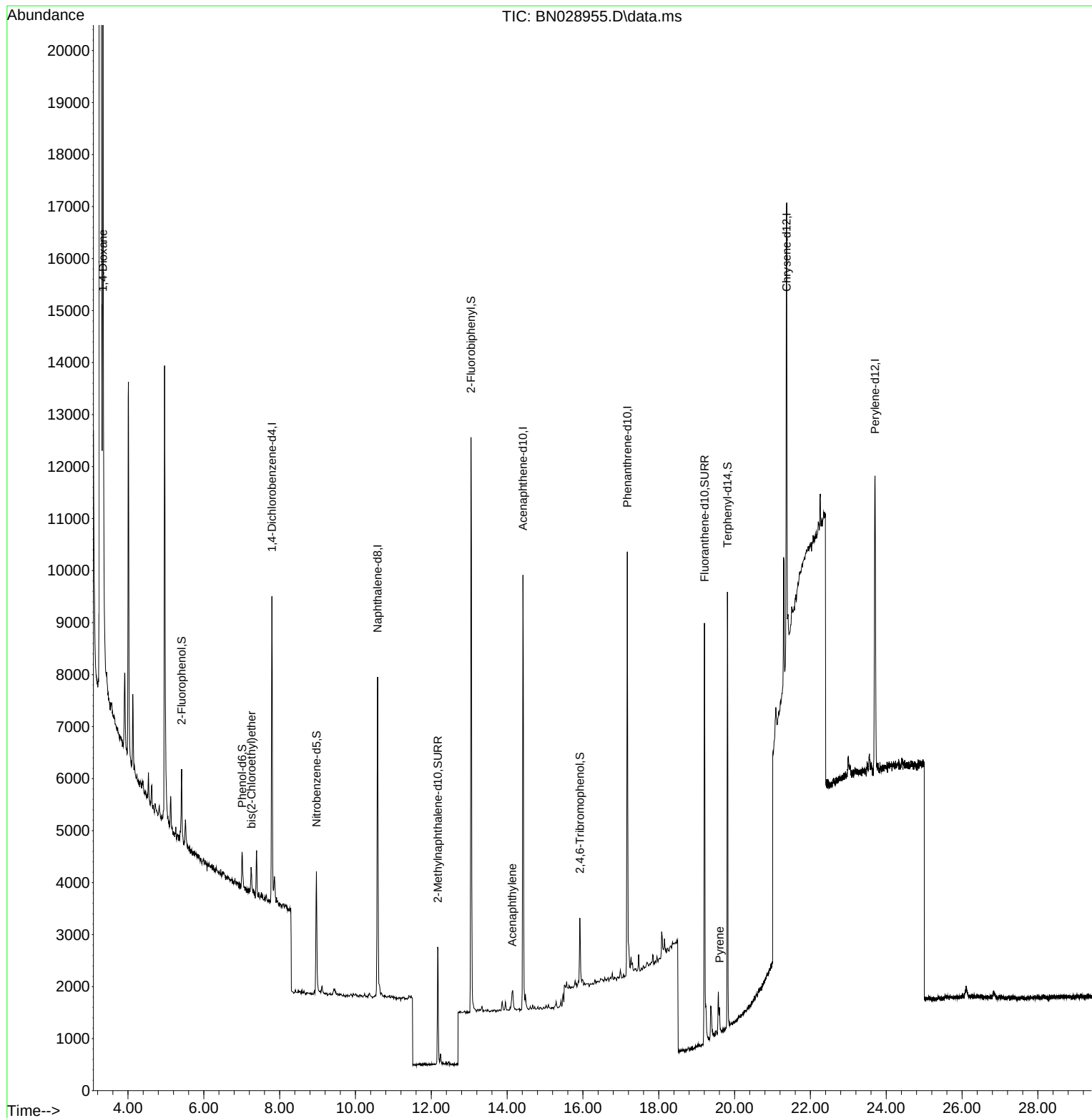
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	2749	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	7918	0.400	ng	0.00
13) Acenaphthene-d10	14.417	164	4881	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	10730	0.400	ng	0.00
29) Chrysene-d12	21.374	240	8500	0.400	ng	# 0.00
35) Perylene-d12	23.702	264	7845	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	917	0.110	ng	0.00
5) Phenol-d6	7.009	99	626	0.068	ng	0.00
8) Nitrobenzene-d5	8.971	82	2045	0.260	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	3177	0.250	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	813	0.247	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	9745	0.462	ng	0.00
27) Fluoranthene-d10	19.209	212	9569	0.339	ng	0.00
31) Terphenyl-d14	19.812	244	8029	0.356	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	9323	3.463	ng	95
6) bis(2-Chloroethyl)ether	7.255	93	392	0.050	ng	96
16) Acenaphthylene	14.139	152	940	0.036	ng	# 93
30) Pyrene	19.603	202	478	0.101	ng	# 73

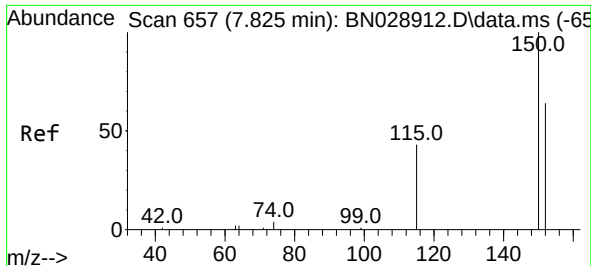
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028955.D
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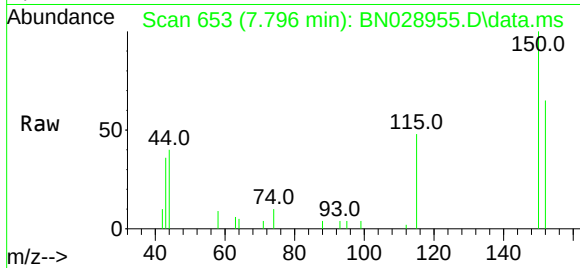
Quant Time: Dec 01 23:16:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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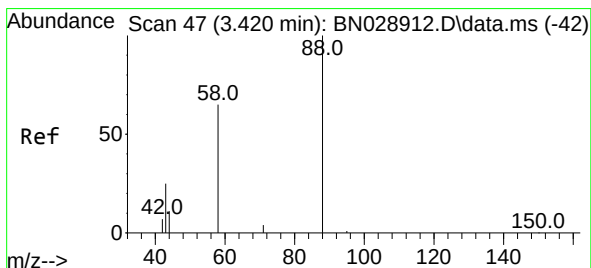
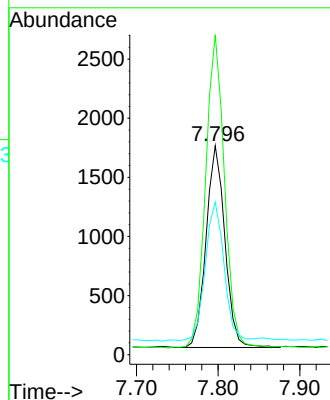
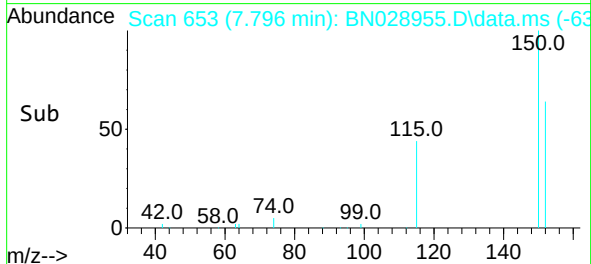


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.796 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN028955.D
 Acq: 01 Dec 2023 20:00

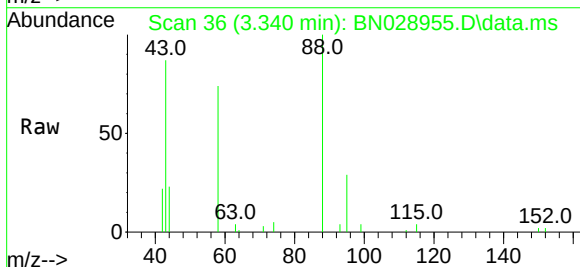
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20231108



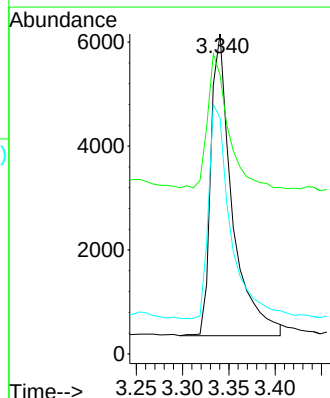
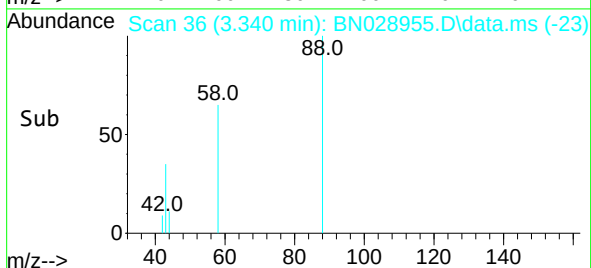
Tgt Ion: 152 Resp: 2749
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.4 185.2
 115 73.0 59.1 88.7

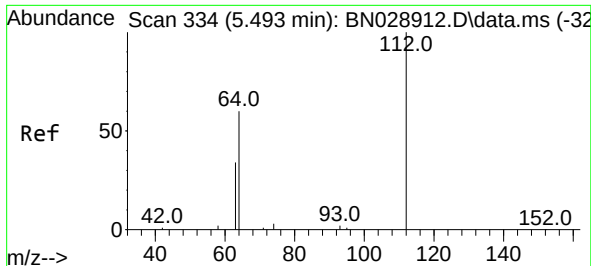


#2
 1,4-Dioxane
 Concen: 3.463 ng
 RT: 3.340 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN028955.D
 Acq: 01 Dec 2023 20:00



Tgt Ion: 88 Resp: 9323
 Ion Ratio Lower Upper
 88 100
 43 41.5 29.9 44.9
 58 72.5 55.0 82.4





#4

2-Fluorophenol

Concen: 0.110 ng

RT: 5.413 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN028955.D

Acq: 01 Dec 2023 20:00

Instrument :

BNA_N

ClientSampleId :

RE114D1-20231108

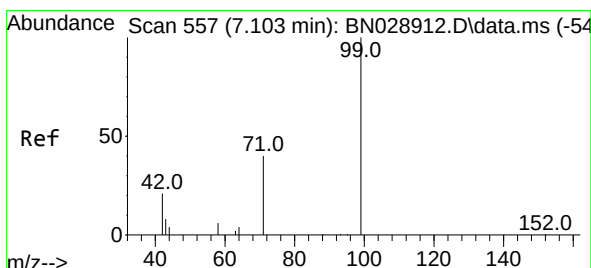
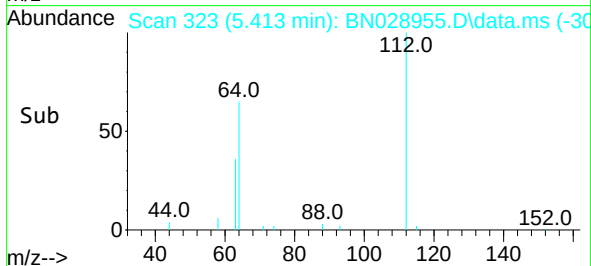
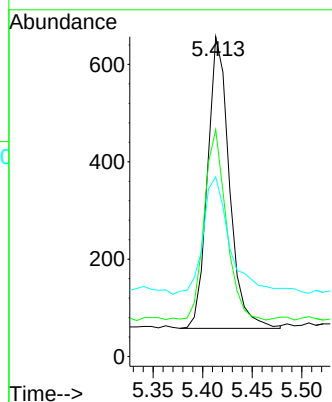
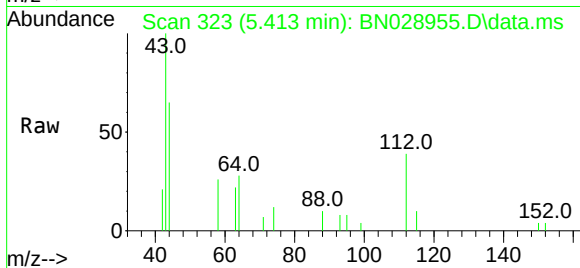
Tgt Ion:112 Resp: 917

Ion Ratio Lower Upper

112 100

64 65.6 51.5 77.3

63 50.8 30.4 45.6#



#5

Phenol-d6

Concen: 0.068 ng

RT: 7.009 min Scan# 544

Delta R.T. -0.000 min

Lab File: BN028955.D

Acq: 01 Dec 2023 20:00

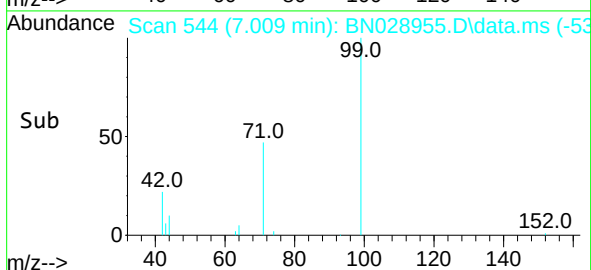
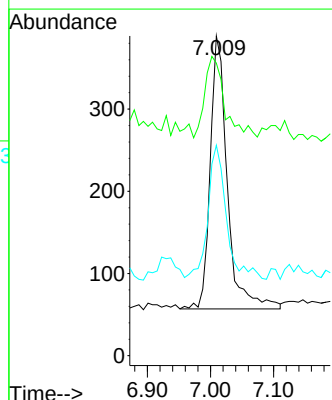
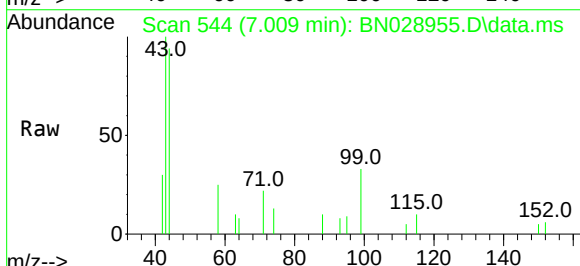
Tgt Ion: 99 Resp: 626

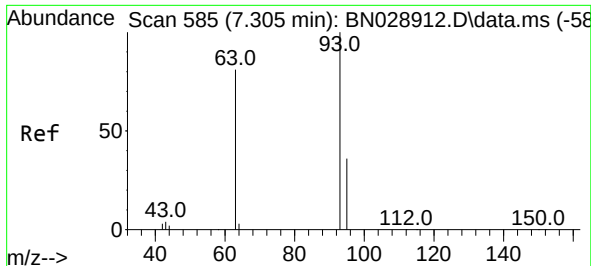
Ion Ratio Lower Upper

99 100

42 34.8 21.2 31.8#

71 53.0 35.4 53.0

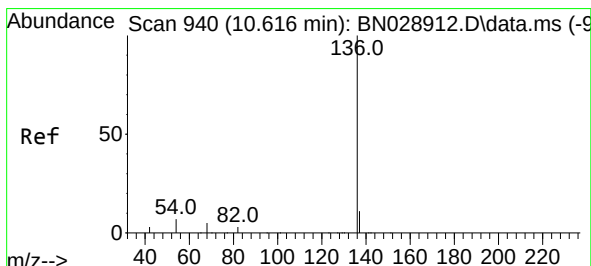
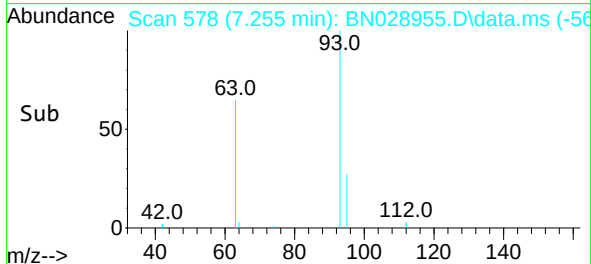
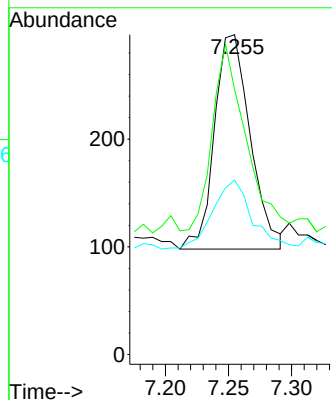
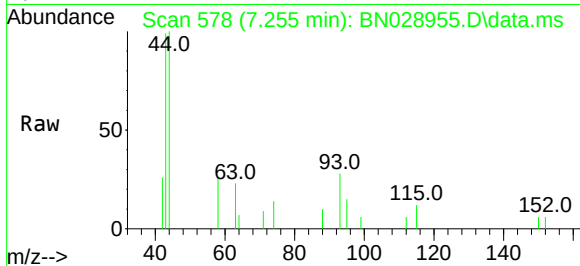




#6
bis(2-Chloroethyl)ether
Concen: 0.050 ng
RT: 7.255 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN028955.D
Acq: 01 Dec 2023 20:00

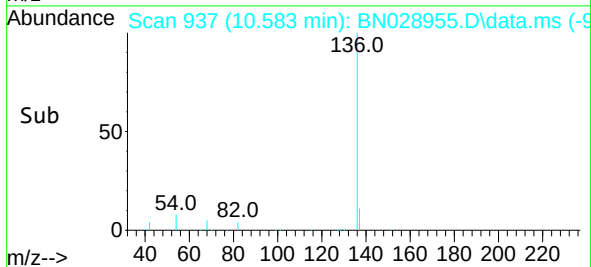
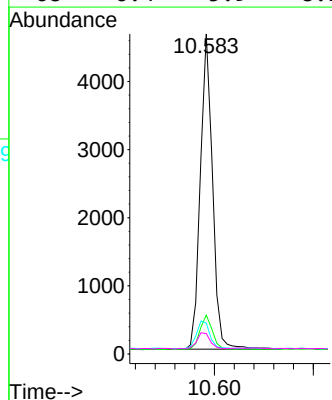
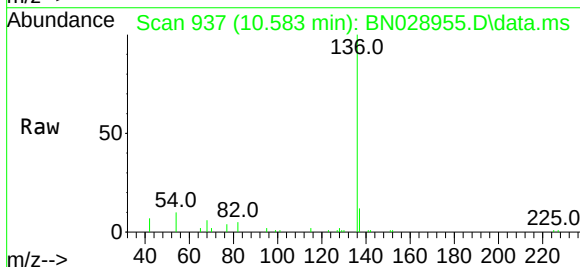
Instrument :
BNA_N
ClientSampleId :
RE114D1-20231108

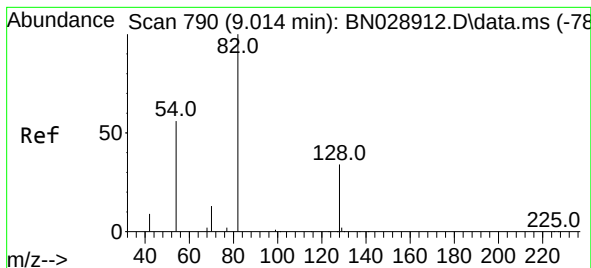
Tgt Ion: 93 Resp: 392
Ion Ratio Lower Upper
93 100
63 87.0 66.9 100.3
95 37.8 28.2 42.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN028955.D
Acq: 01 Dec 2023 20:00

Tgt Ion:136 Resp: 7918
Ion Ratio Lower Upper
136 100
137 12.2 10.6 16.0
54 9.7 7.5 11.3
68 6.4 5.9 8.9





#8

Nitrobenzene-d5

Concen: 0.260 ng

RT: 8.971 min Scan# 71

Delta R.T. -0.000 min

Lab File: BN028955.D

Acq: 01 Dec 2023 20:00

Instrument :

BNA_N

ClientSampleId :

RE114D1-20231108

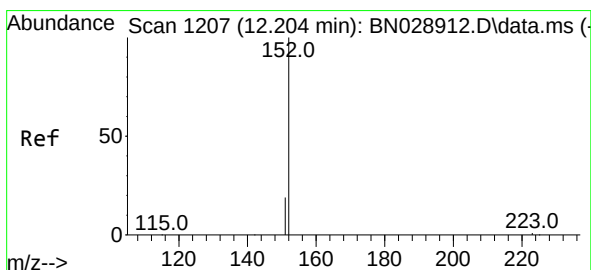
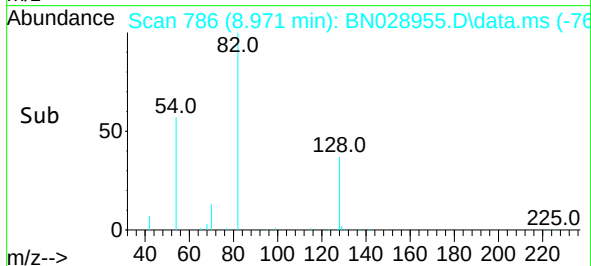
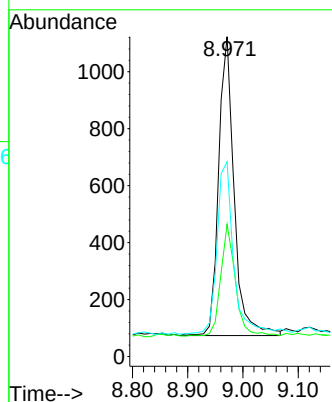
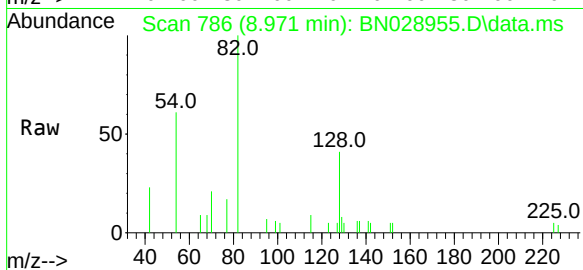
Tgt Ion: 82 Resp: 2045

Ion Ratio Lower Upper

82 100

128 41.3 29.2 43.8

54 60.9 47.0 70.6



#11

2-Methylnaphthalene-d10

Concen: 0.250 ng

RT: 12.170 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BN028955.D

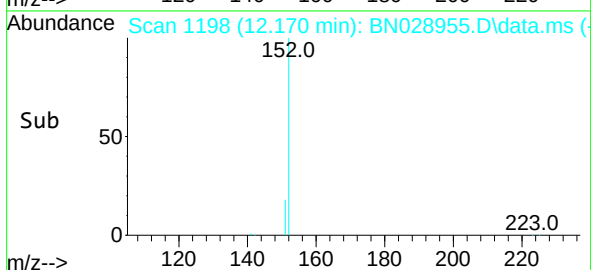
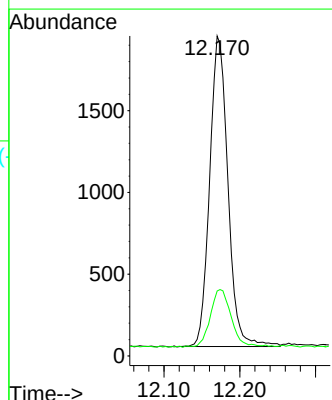
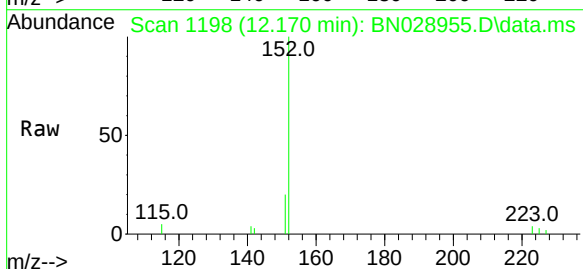
Acq: 01 Dec 2023 20:00

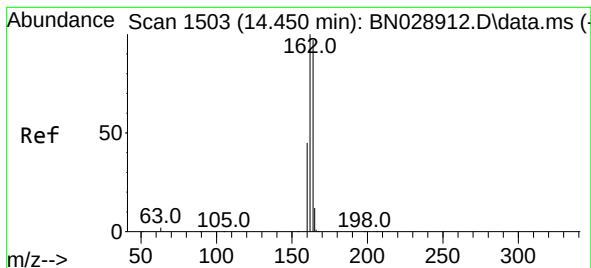
Tgt Ion:152 Resp: 3177

Ion Ratio Lower Upper

152 100

151 21.3 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.417 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN028955.D

Acq: 01 Dec 2023 20:00

Instrument :

BNA_N

ClientSampleId :

RE114D1-20231108

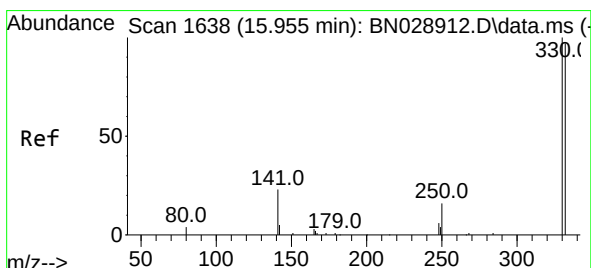
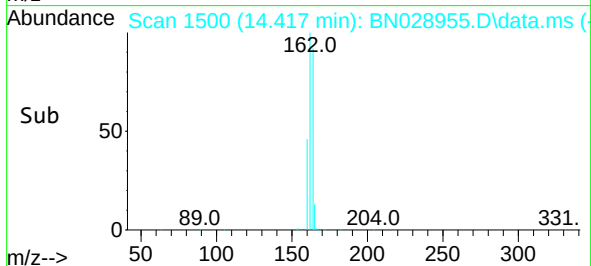
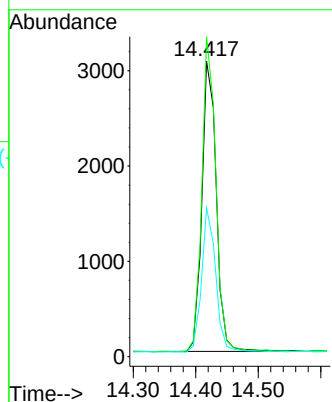
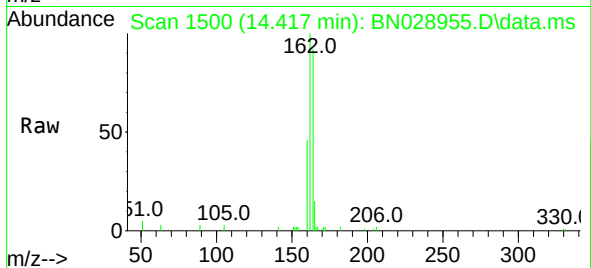
Tgt Ion:164 Resp: 4881

Ion Ratio Lower Upper

164 100

162 108.3 81.7 122.5

160 50.3 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.247 ng

RT: 15.918 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BN028955.D

Acq: 01 Dec 2023 20:00

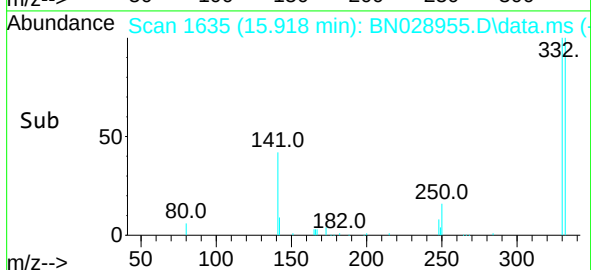
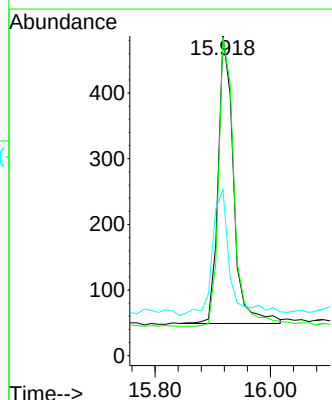
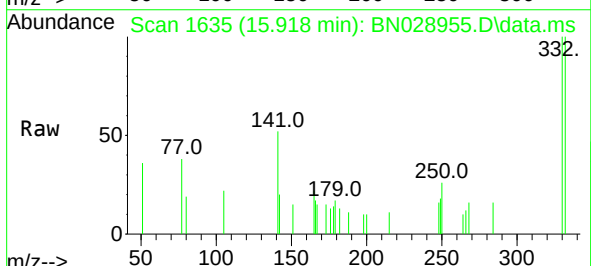
Tgt Ion:330 Resp: 813

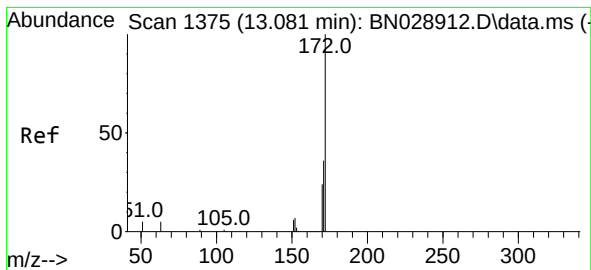
Ion Ratio Lower Upper

330 100

332 100.9 75.4 113.2

141 50.8 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.462 ng

RT: 13.049 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN028955.D

Acq: 01 Dec 2023 20:00

Instrument :

BNA_N

ClientSampleId :

RE114D1-20231108

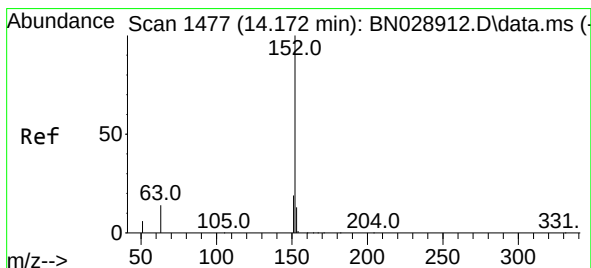
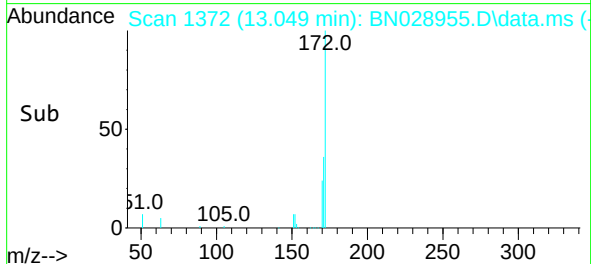
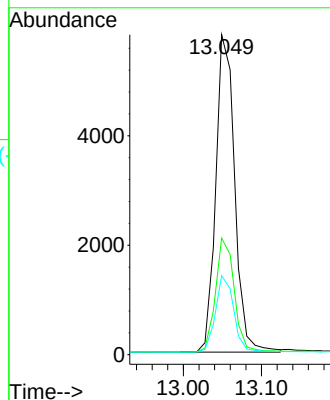
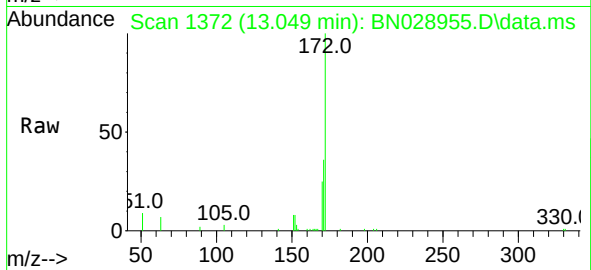
Tgt Ion:172 Resp: 9745

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

170 24.7 19.7 29.5



#16

Acenaphthylene

Concen: 0.036 ng

RT: 14.139 min Scan# 1474

Delta R.T. -0.000 min

Lab File: BN028955.D

Acq: 01 Dec 2023 20:00

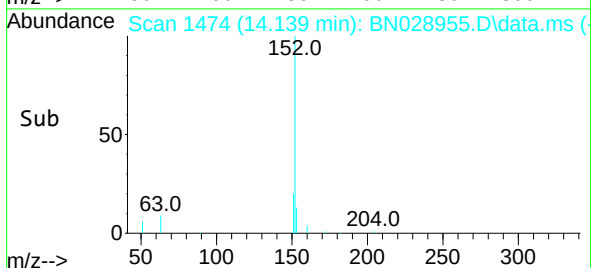
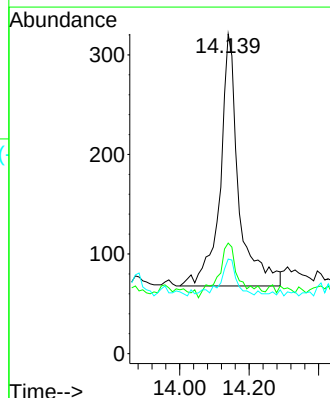
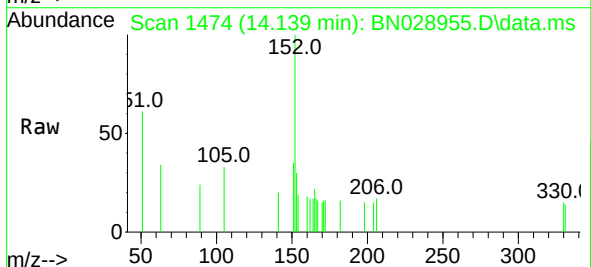
Tgt Ion:152 Resp: 940

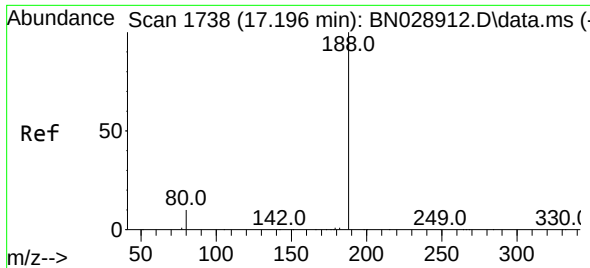
Ion Ratio Lower Upper

152 100

151 24.6 15.9 23.9#

153 12.4 10.8 16.2

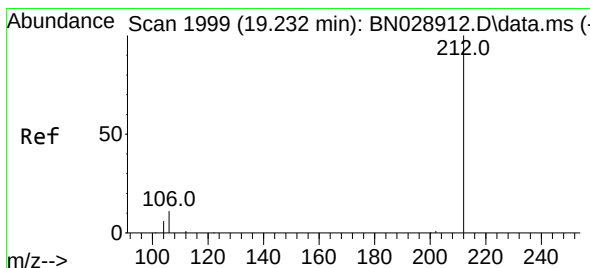
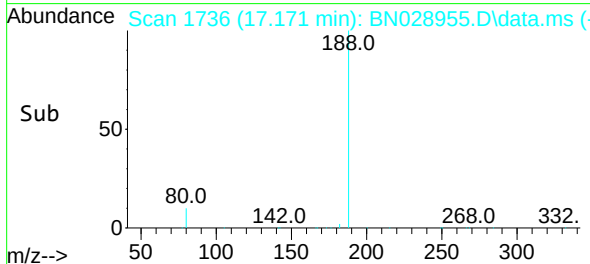
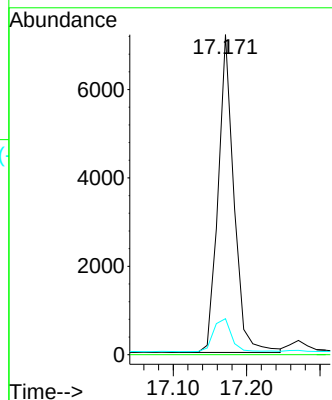
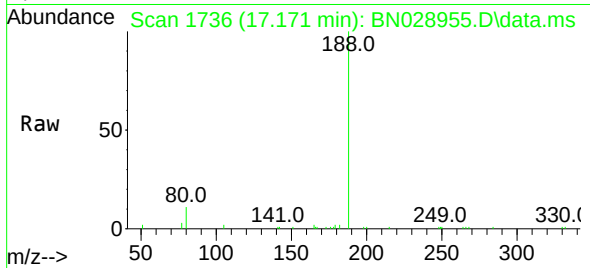




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028955.D
Acq: 01 Dec 2023 20:00

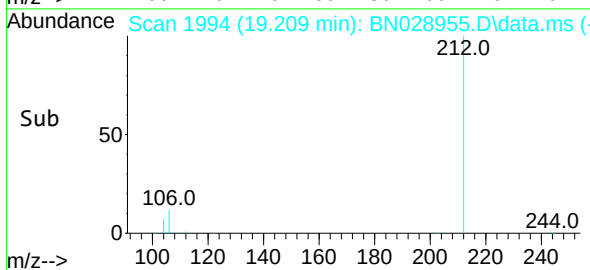
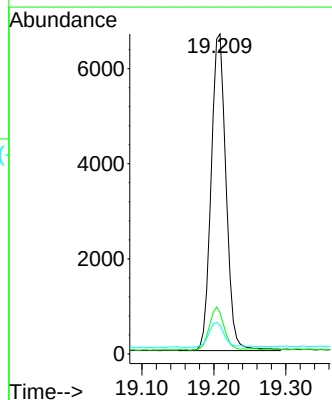
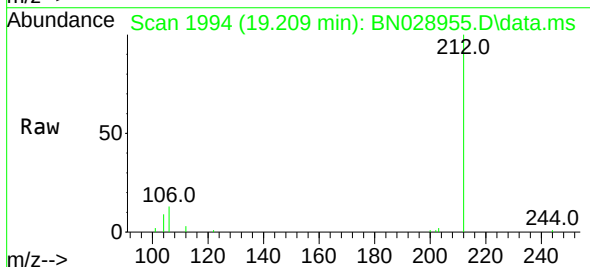
Instrument :
BNA_N
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RE114D1-20231108

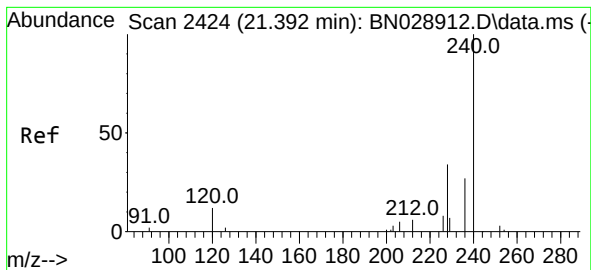
Tgt Ion:188 Resp: 10730
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.209 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BN028955.D
Acq: 01 Dec 2023 20:00

Tgt Ion:212 Resp: 9569
Ion Ratio Lower Upper
212 100
106 13.6 9.4 14.2
104 8.6 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.374 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BN028955.D

Acq: 01 Dec 2023 20:00

Instrument :

BNA_N

ClientSampleId :

RE114D1-20231108

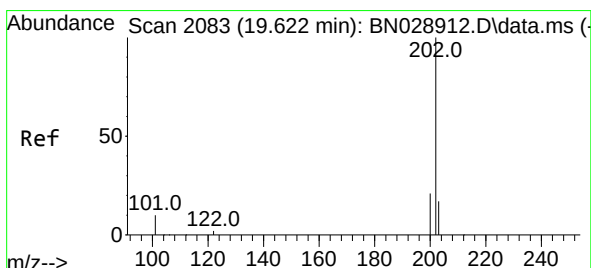
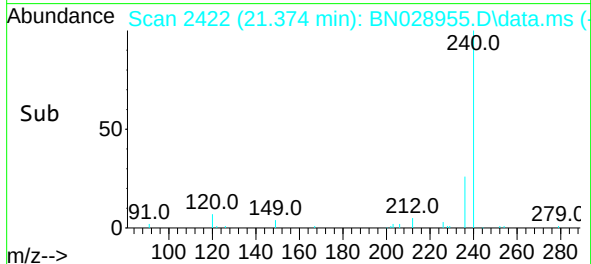
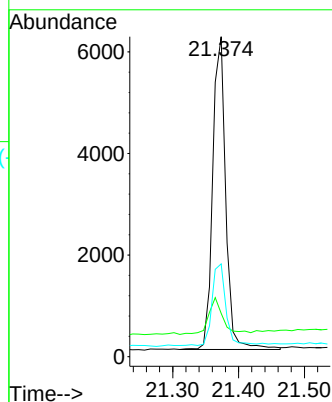
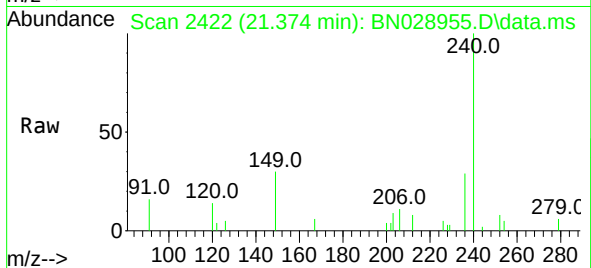
Tgt Ion:240 Resp: 8500

Ion Ratio Lower Upper

240 100

120 13.6 37.1 55.7#

236 29.0 32.4 48.6#



#30

Pyrene

Concen: 0.101 ng

RT: 19.603 min Scan# 2079

Delta R.T. -0.000 min

Lab File: BN028955.D

Acq: 01 Dec 2023 20:00

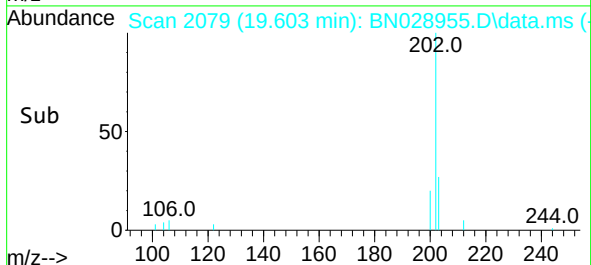
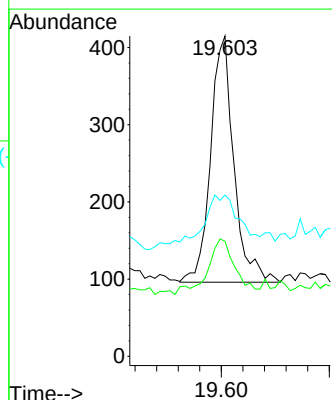
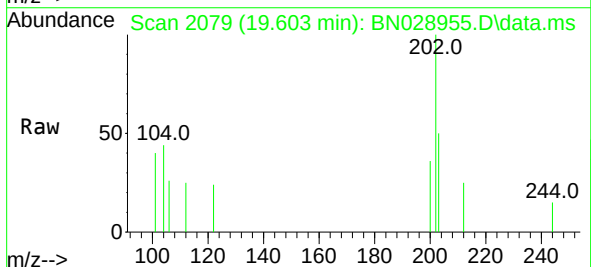
Tgt Ion:202 Resp: 478

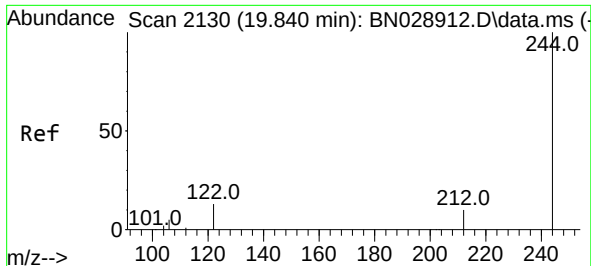
Ion Ratio Lower Upper

202 100

200 26.8 16.9 25.3#

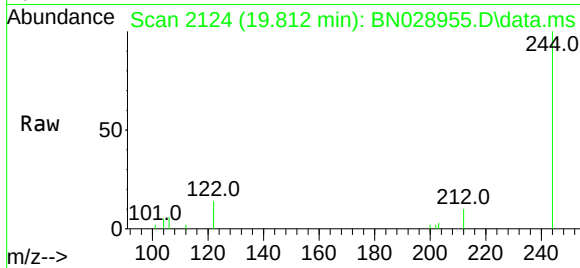
203 38.1 14.8 22.2#



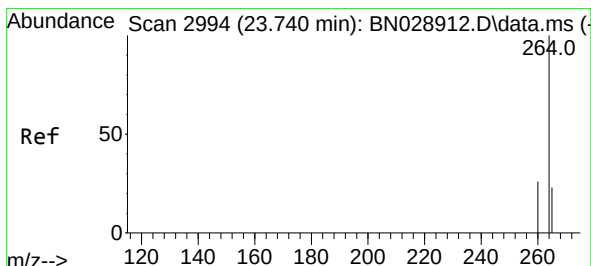
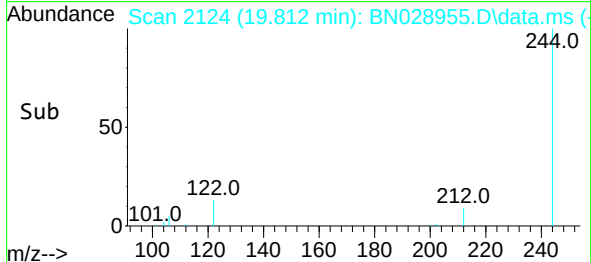
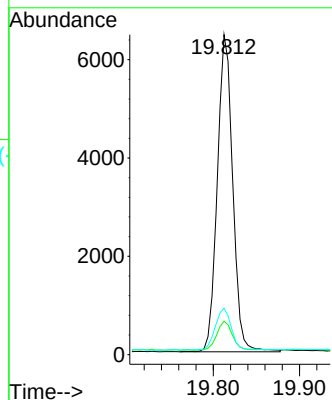


#31
 Terphenyl-d14
 Concen: 0.356 ng
 RT: 19.812 min Scan# 2130
 Delta R.T. -0.005 min
 Lab File: BN028955.D
 Acq: 01 Dec 2023 20:00

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20231108



Tgt Ion:244 Resp: 8029
 Ion Ratio Lower Upper
 244 100
 212 10.4 11.5 17.3#
 122 14.5 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.702 min Scan# 2981
 Delta R.T. -0.006 min
 Lab File: BN028955.D
 Acq: 01 Dec 2023 20:00

Tgt Ion:264 Resp: 7845
 Ion Ratio Lower Upper
 264 100
 260 27.6 20.6 30.8
 265 87.7 464.5 696.7#

