

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029031.D
 Acq On : 03 Dec 2023 22:16
 Operator : MA/JU
 Sample : 05404-33
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20231110

Quant Time: Dec 04 02:23:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

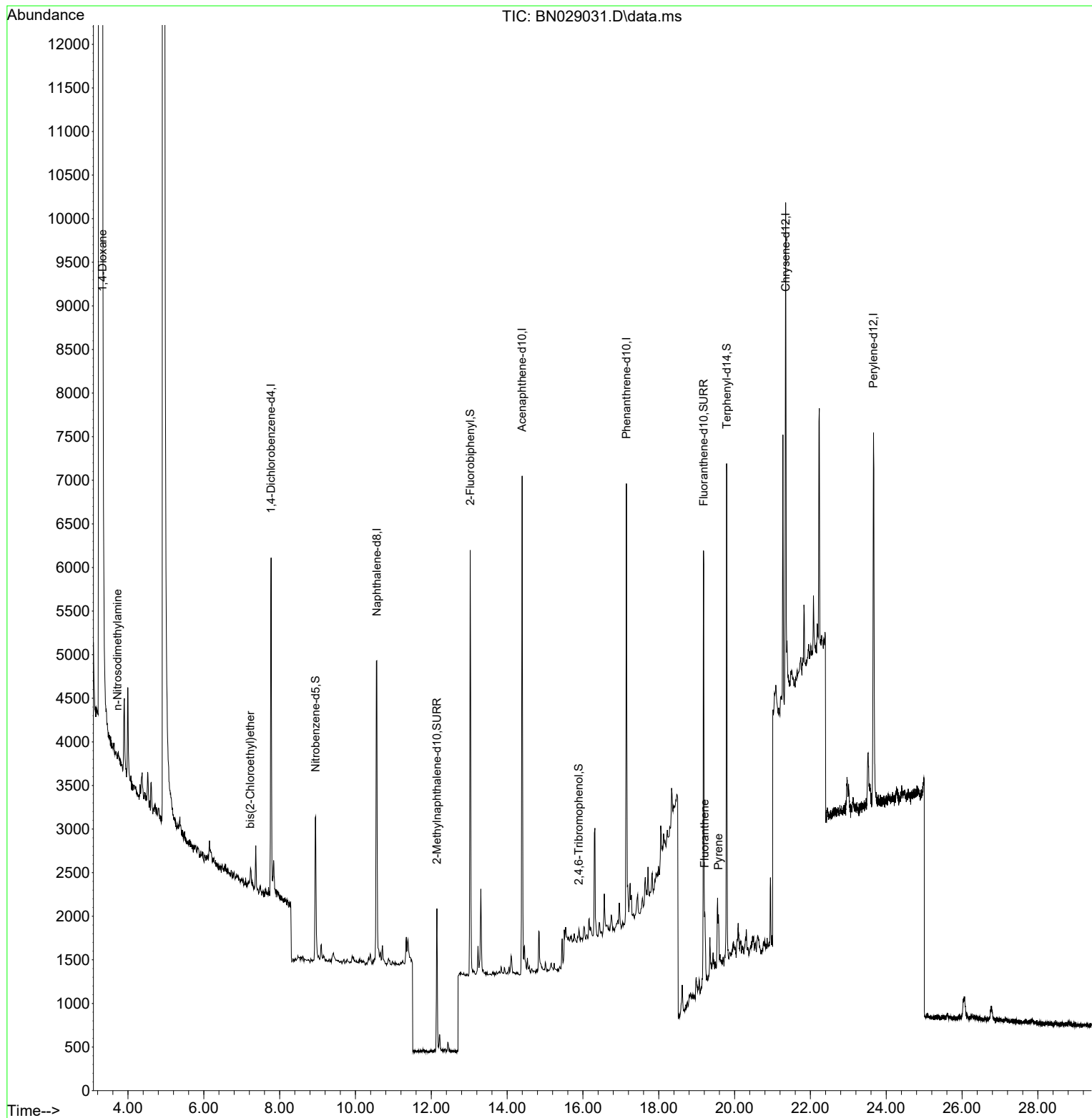
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1816	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5128	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3214	0.400	ng	-0.01
19) Phenanthrene-d10	17.147	188	6720	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5110	0.400	ng	# 0.00
35) Perylene-d12	23.664	264	6147	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	36	0.007	ng	0.00
5) Phenol-d6	6.988	99	35	0.006	ng	0.00
8) Nitrobenzene-d5	8.950	82	1515	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.148	152	2313	0.281	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	79	0.036	ng	-0.01
15) 2-Fluorobiphenyl	13.028	172	4135	0.298	ng	-0.01
27) Fluoranthene-d10	19.181	212	5814	0.329	ng	0.00
31) Terphenyl-d14	19.794	244	5452	0.384	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	4912	2.762	ng	# 93
3) n-Nitrosodimethylamine	3.723	42	16	0.097	ng	# 14
6) bis(2-Chloroethyl)ether	7.226	93	109	0.021	ng	# 67
28) Fluoranthene	19.213	202	498	0.022	ng	# 84
30) Pyrene	19.576	202	487	0.107	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.275	149	3005	Below Cal		# 87

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

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Quant Time: Dec 04 02:23:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration

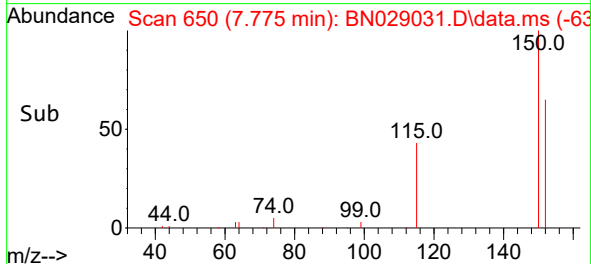
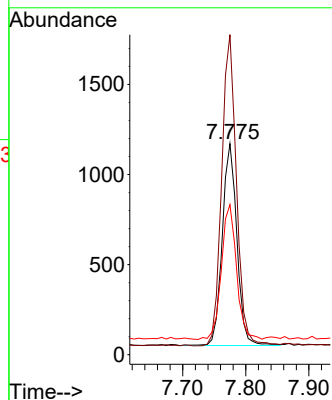
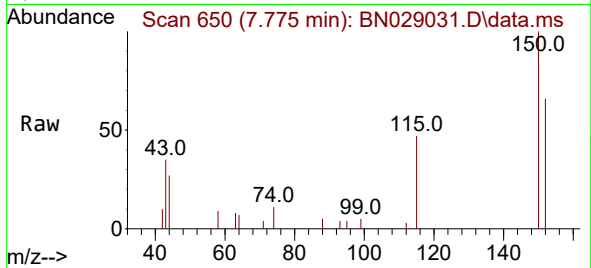




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029031.D
 Acq: 03 Dec 2023 22:16

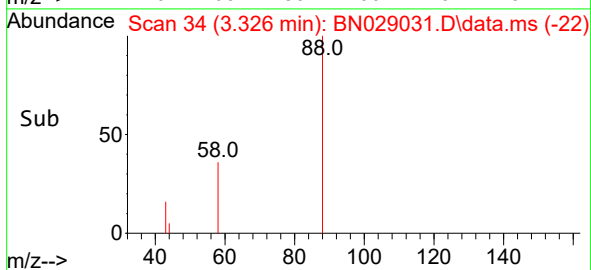
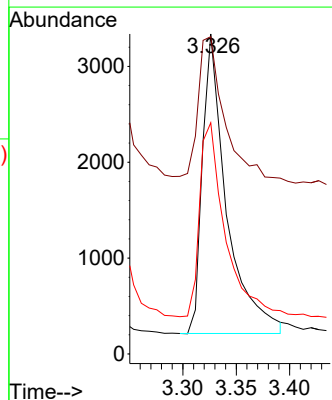
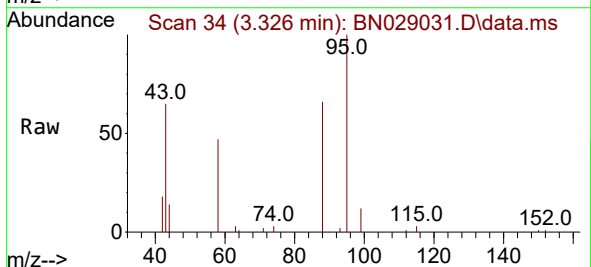
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20231110

Tgt Ion:152 Resp: 1816
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.4 185.2
 115 71.1 59.1 88.7



#2
 1,4-Dioxane
 Concen: 2.762 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.014 min
 Lab File: BN029031.D
 Acq: 03 Dec 2023 22:16

Tgt Ion: 88 Resp: 4912
 Ion Ratio Lower Upper
 88 100
 43 49.4 29.9 44.9#
 58 68.4 55.0 82.4

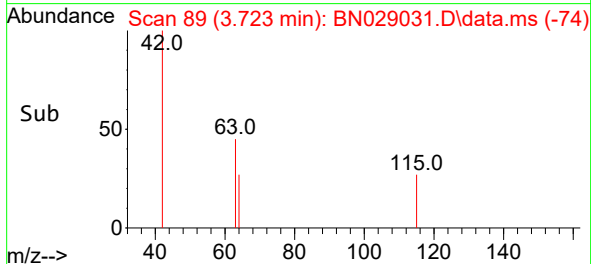
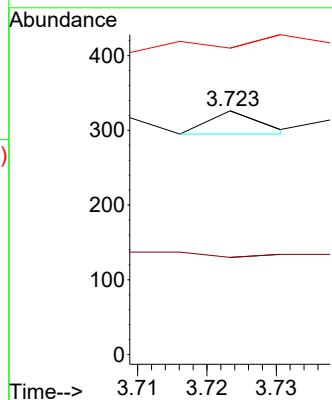
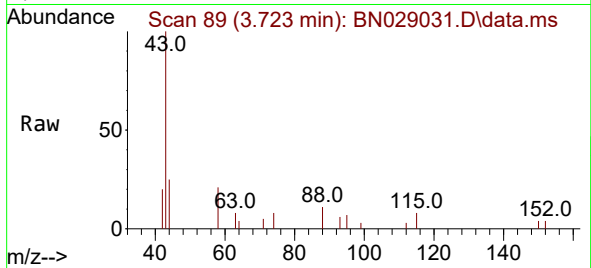




#3
n-Nitrosodimethylamine
Concen: 0.097 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.007 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

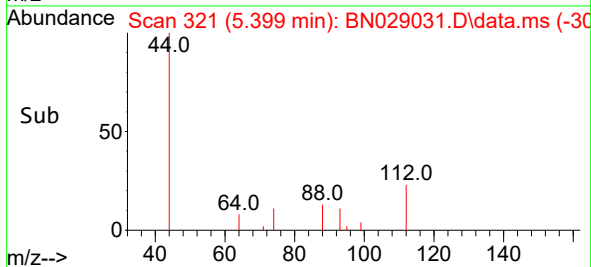
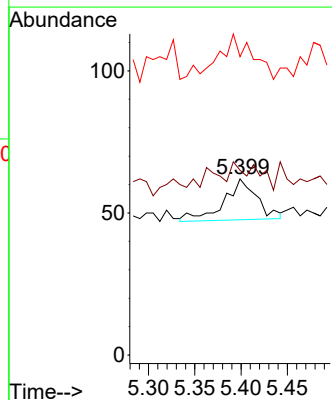
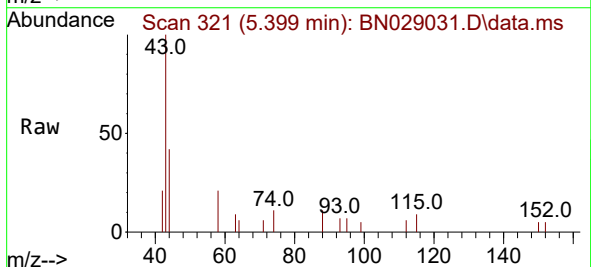
Instrument :
BNA_N
ClientSampleId :
RE122D2-20231110

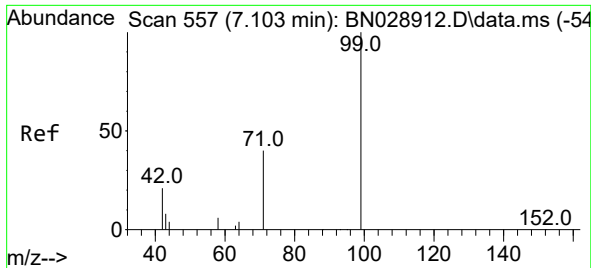
Tgt Ion: 42 Resp: 16
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 243.8 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

Tgt Ion: 112 Resp: 36
Ion Ratio Lower Upper
112 100
64 25.0 51.5 77.3#
63 111.1 30.4 45.6#





#5

Phenol-d6

Concen: 0.006 ng

RT: 6.988 min Scan# 54

Delta R.T. -0.000 min

Lab File: BN029031.D

Acq: 03 Dec 2023 22:16

Instrument :

BNA_N

ClientSampleId :

RE122D2-20231110

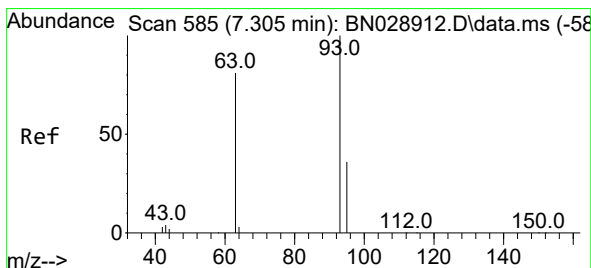
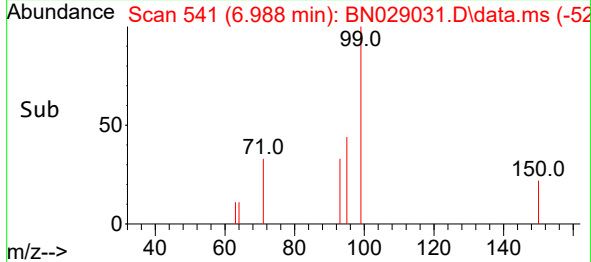
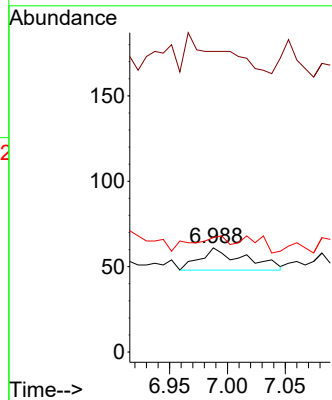
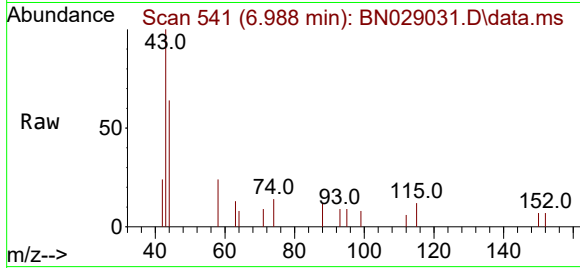
Tgt Ion: 99 Resp: 35

Ion Ratio Lower Upper

99 100

42 0.0 21.2 31.8#

71 54.3 35.4 53.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.021 ng

RT: 7.226 min Scan# 574

Delta R.T. -0.007 min

Lab File: BN029031.D

Acq: 03 Dec 2023 22:16

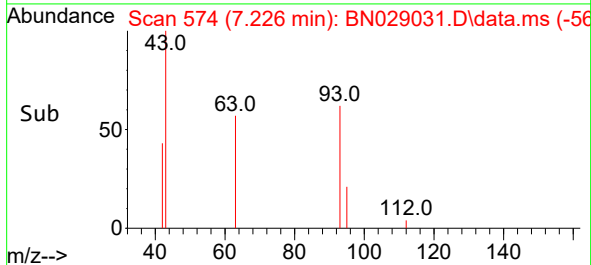
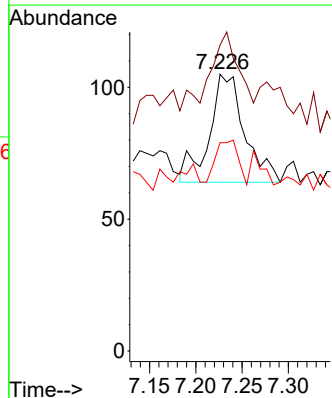
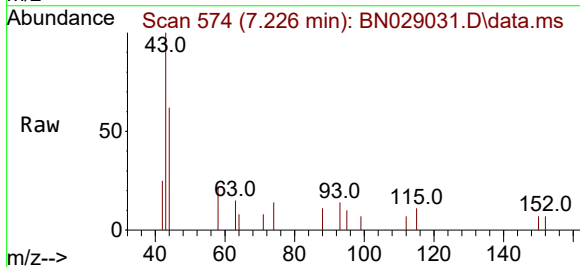
Tgt Ion: 93 Resp: 109

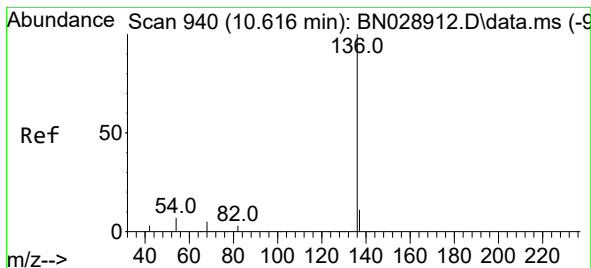
Ion Ratio Lower Upper

93 100

63 45.9 66.9 100.3#

95 28.4 28.2 42.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.562 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN029031.D

Acq: 03 Dec 2023 22:16

Instrument :

BNA_N

ClientSampleId :

RE122D2-20231110

Tgt Ion:136 Resp: 5128

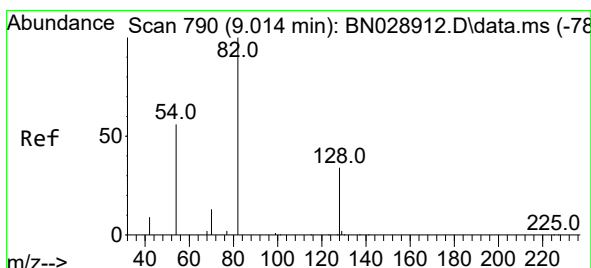
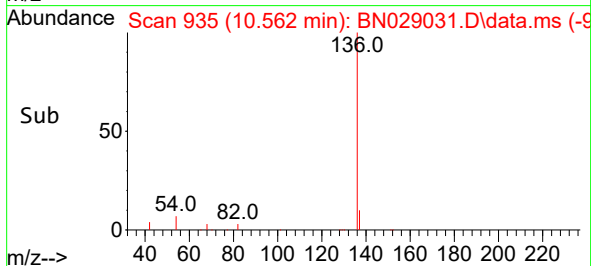
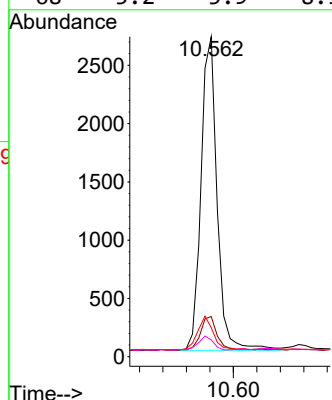
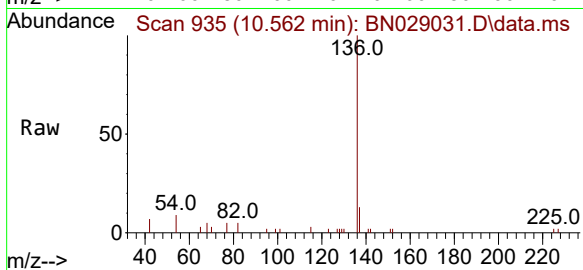
Ion Ratio Lower Upper

136 100

137 12.6 10.6 16.0

54 9.1 7.5 11.3

68 5.2 5.9 8.9#



#8

Nitrobenzene-d5

Concen: 0.297 ng

RT: 8.950 min Scan# 784

Delta R.T. -0.000 min

Lab File: BN029031.D

Acq: 03 Dec 2023 22:16

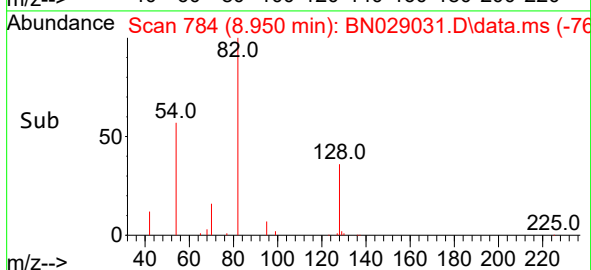
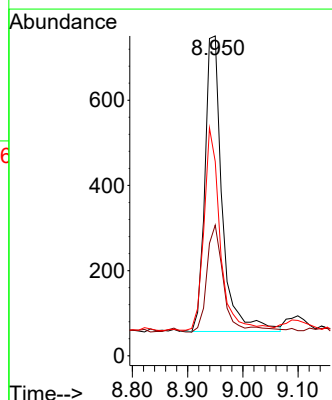
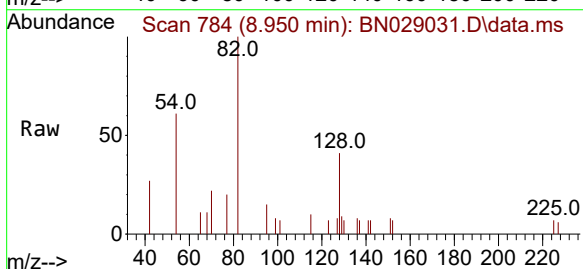
Tgt Ion: 82 Resp: 1515

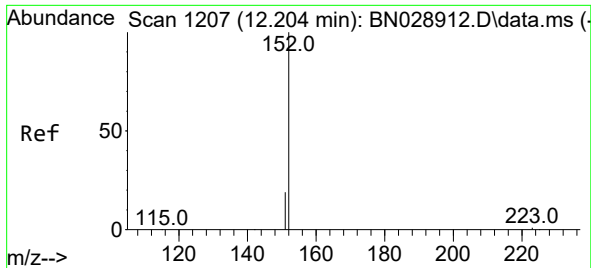
Ion Ratio Lower Upper

82 100

128 40.9 29.2 43.8

54 60.7 47.0 70.6

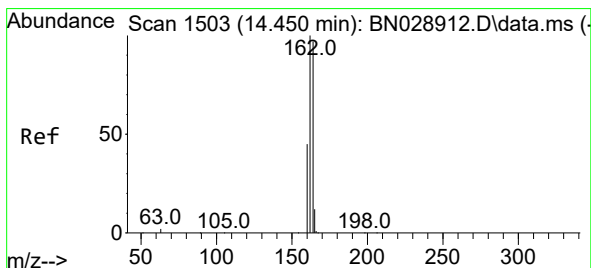
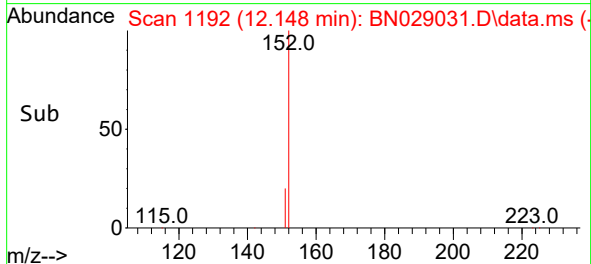
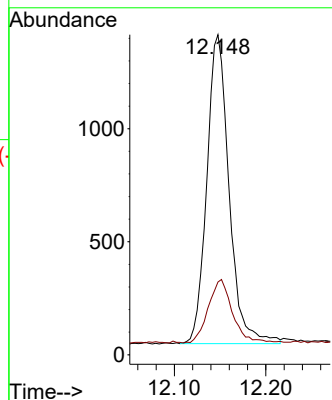
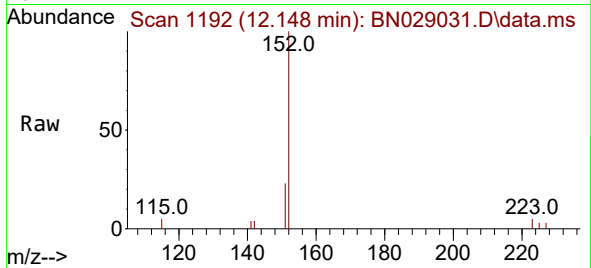




#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.148 min Scan# 1119
Delta R.T. -0.004 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

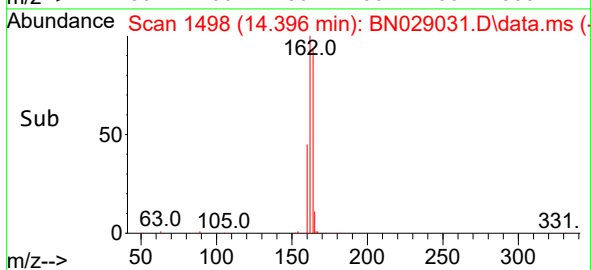
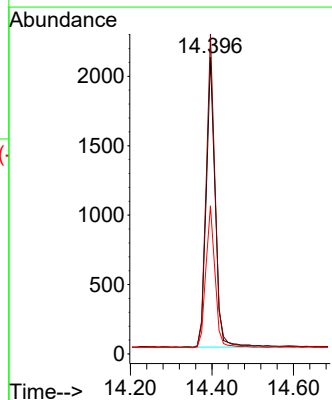
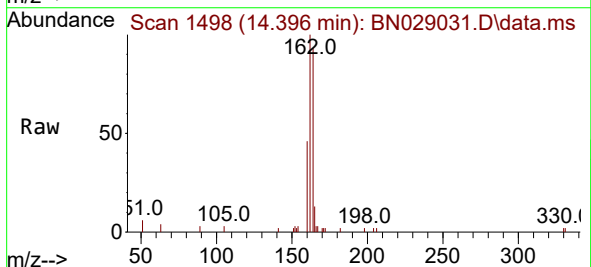
Instrument :
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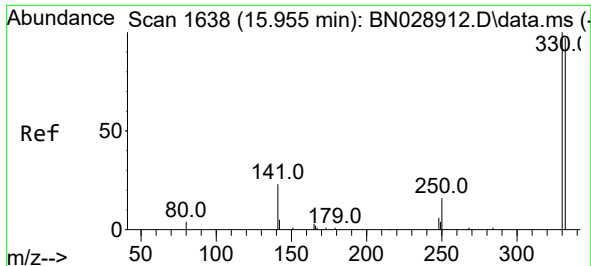
Tgt Ion:152 Resp: 2313
Ion Ratio Lower Upper
152 100
151 22.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.011 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

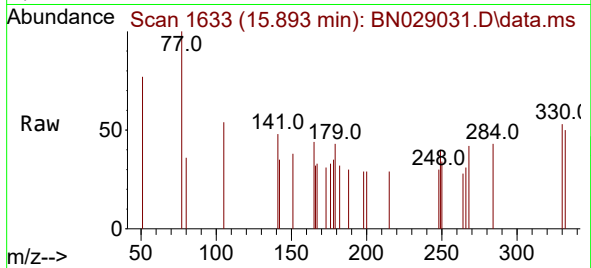
Tgt Ion:164 Resp: 3214
Ion Ratio Lower Upper
164 100
162 107.8 81.7 122.5
160 49.9 37.0 55.6



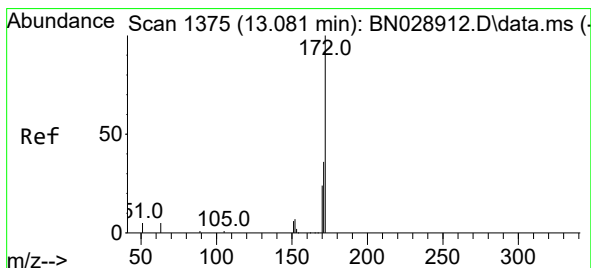
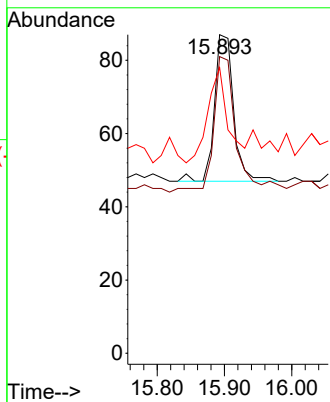
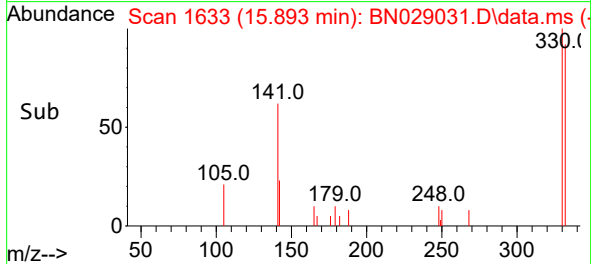


#14
2,4,6-Tribromophenol
Concen: 0.036 ng
RT: 15.893 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

Instrument :
BNA_N
ClientSampleId :
RE122D2-20231110

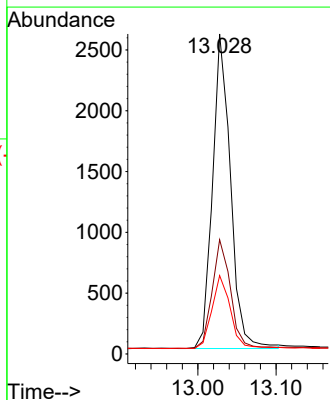
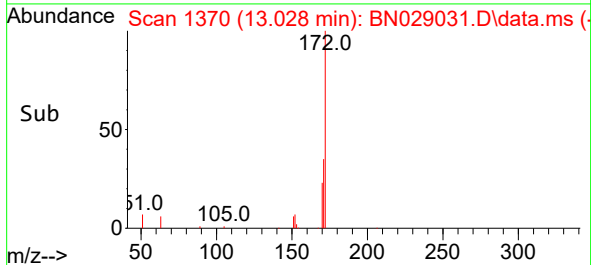
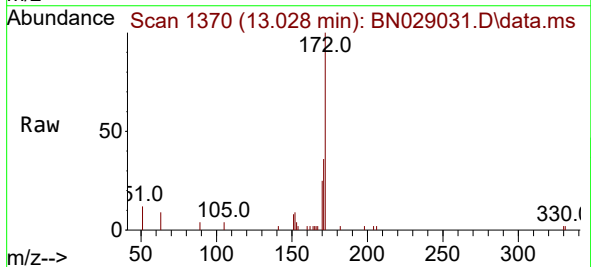


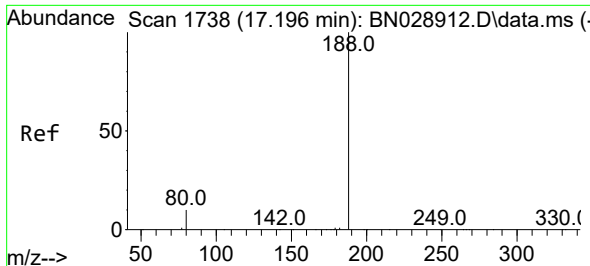
Tgt Ion:330 Resp: 79
Ion Ratio Lower Upper
330 100
332 108.9 75.4 113.2
141 68.4 35.7 53.5#



#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 13.028 min Scan# 1370
Delta R.T. -0.011 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

Tgt Ion:172 Resp: 4135
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.5 19.7 29.5

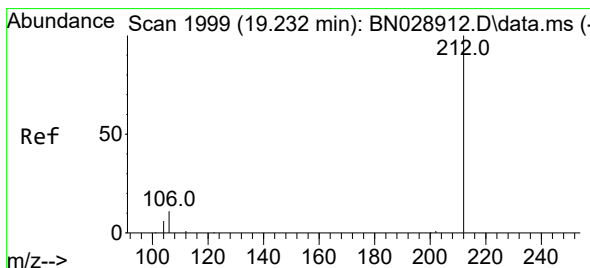
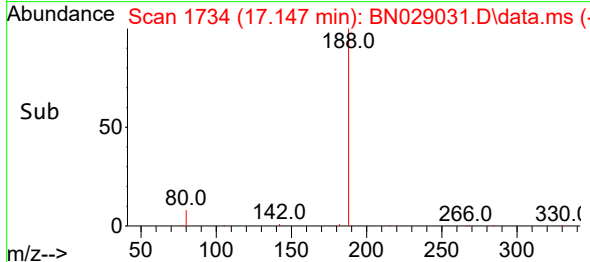
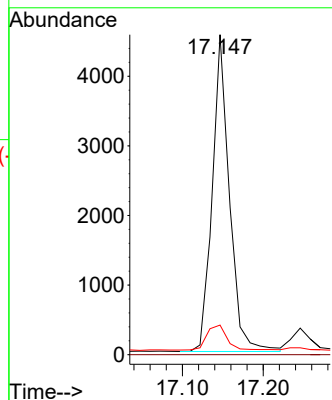
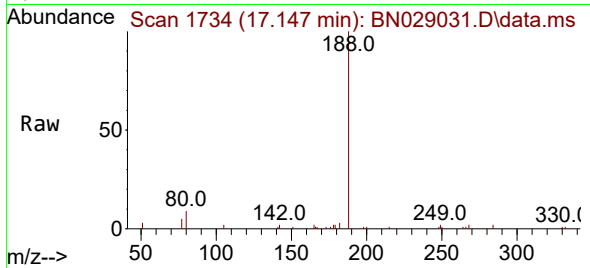




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.147 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

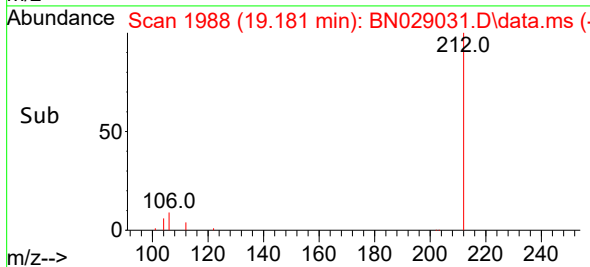
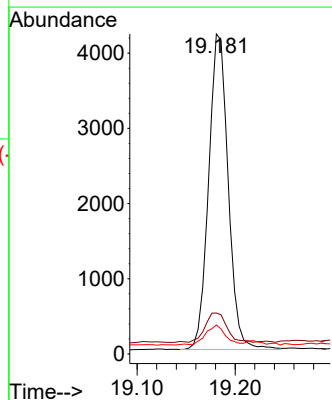
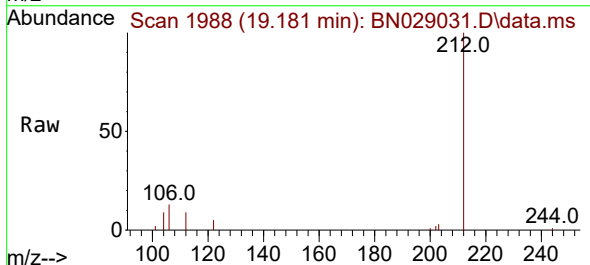
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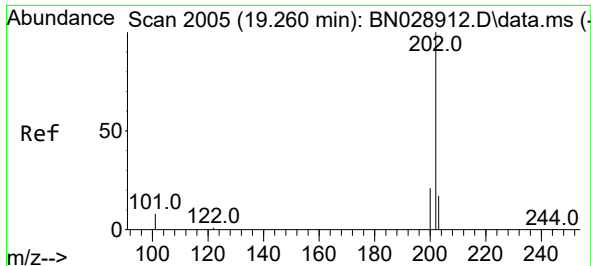
Tgt Ion:188 Resp: 6720
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.181 min Scan# 1988
Delta R.T. -0.009 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

Tgt Ion:212 Resp: 5814
Ion Ratio Lower Upper
212 100
106 10.6 9.4 14.2
104 6.3 6.2 9.2

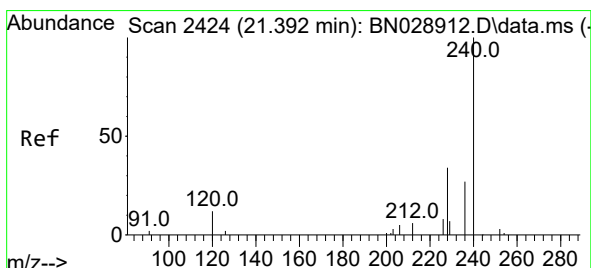
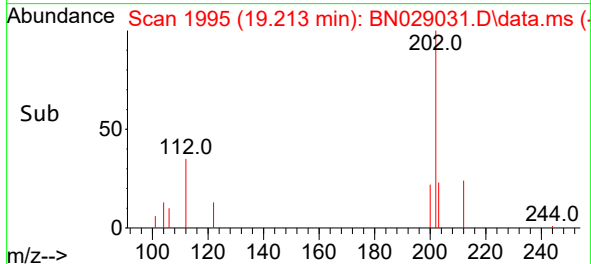
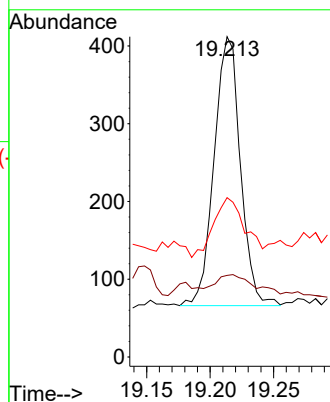
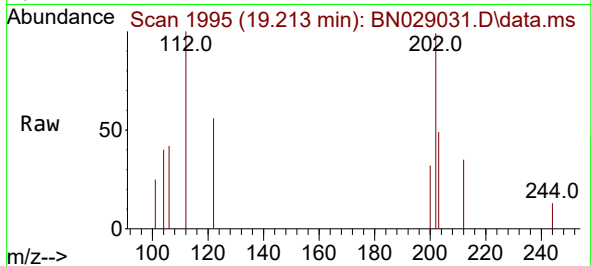




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.213 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

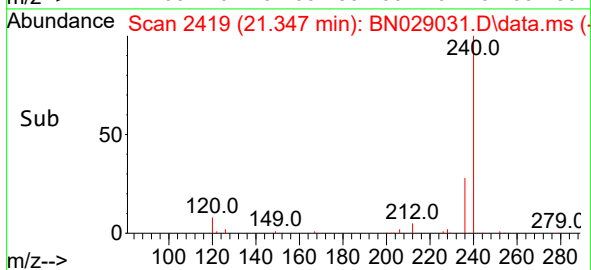
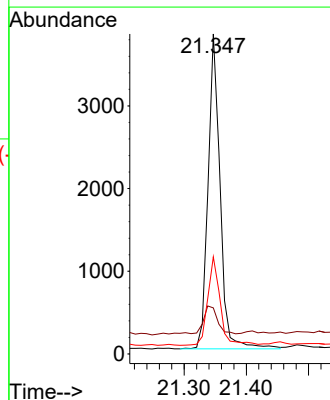
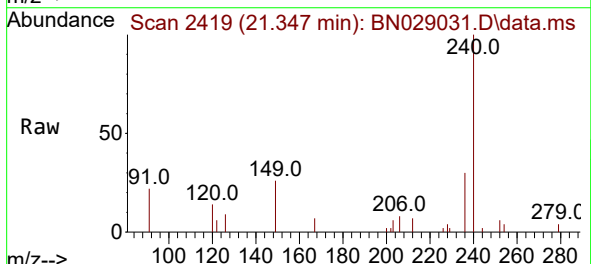
Instrument :
BNA_N
ClientSampleId :
RE122D2-20231110

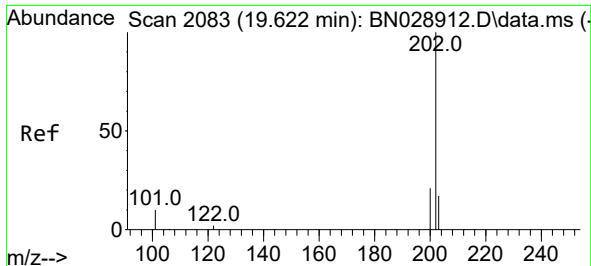
Tgt Ion:202 Resp: 498
Ion Ratio Lower Upper
202 100
101 12.2 7.3 10.9#
203 26.3 14.1 21.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

Tgt Ion:240 Resp: 5110
Ion Ratio Lower Upper
240 100
120 14.4 37.1 55.7#
236 30.4 32.4 48.6#

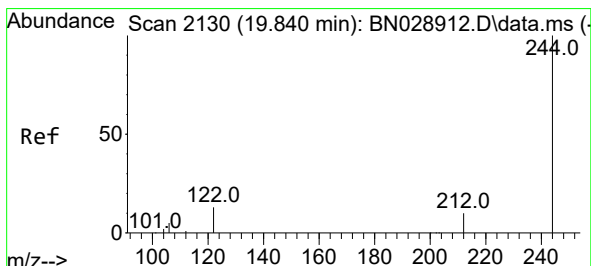
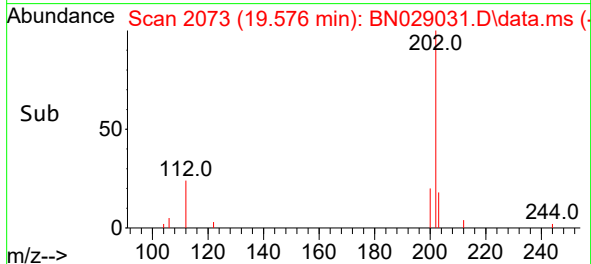
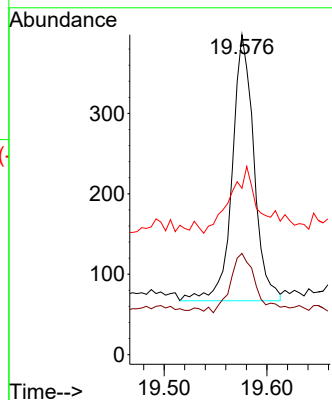
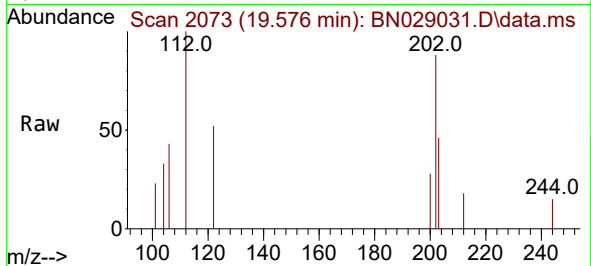




#30
Pyrene
Concen: 0.107 ng
RT: 19.576 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

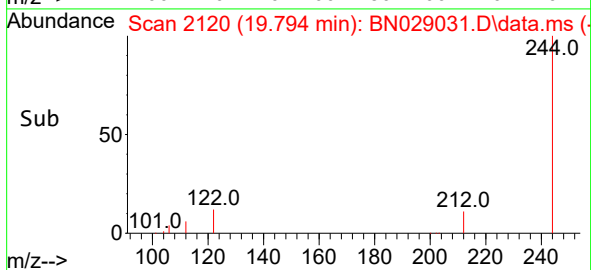
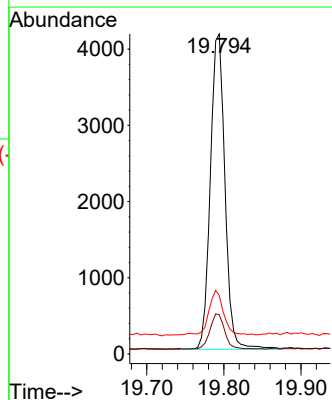
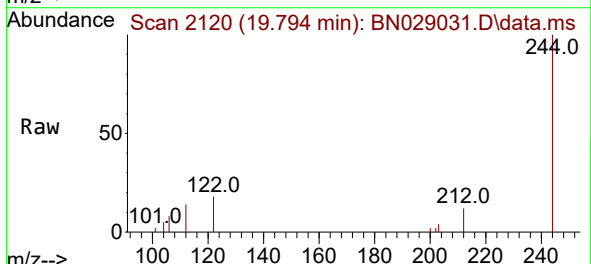
Instrument :
BNA_N
ClientSampleId :
RE122D2-20231110

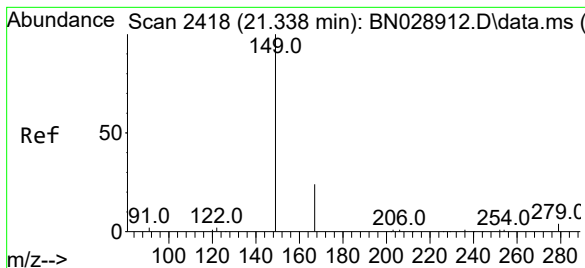
Tgt Ion:202 Resp: 487
Ion Ratio Lower Upper
202 100
200 25.3 16.9 25.3
203 29.8 14.8 22.2#



#31
Terphenyl-d14
Concen: 0.384 ng
RT: 19.794 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN029031.D
Acq: 03 Dec 2023 22:16

Tgt Ion:244 Resp: 5452
Ion Ratio Lower Upper
244 100
212 12.3 11.5 17.3
122 18.3 13.2 19.8

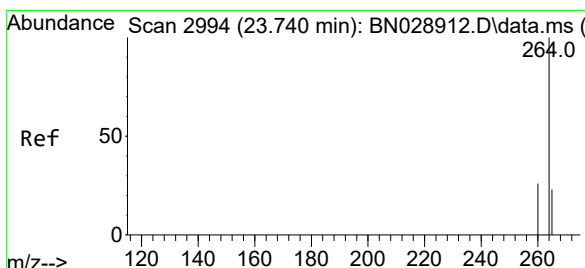
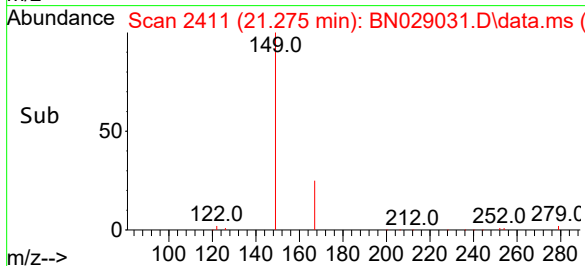
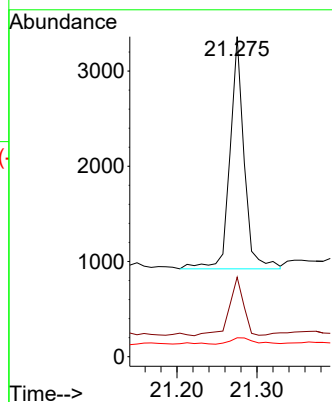
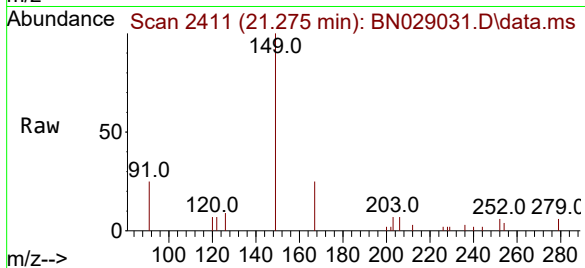




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.275 min Scan# 2411
 Delta R.T. -0.000 min
 Lab File: BN029031.D
 Acq: 03 Dec 2023 22:16

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20231110

Tgt Ion:149 Resp: 3005
 Ion Ratio Lower Upper
 149 100
 167 25.3 14.9 22.3#
 279 4.7 6.3 9.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.664 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BN029031.D
 Acq: 03 Dec 2023 22:16

Tgt Ion:264 Resp: 6147
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.6 30.8
 265 68.1 464.5 696.7#

