

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029012.D
 Acq On : 03 Dec 2023 09:46
 Operator : MA/JU
 Sample : 05404-04
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20231109

Quant Time: Dec 04 00:42:14 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)

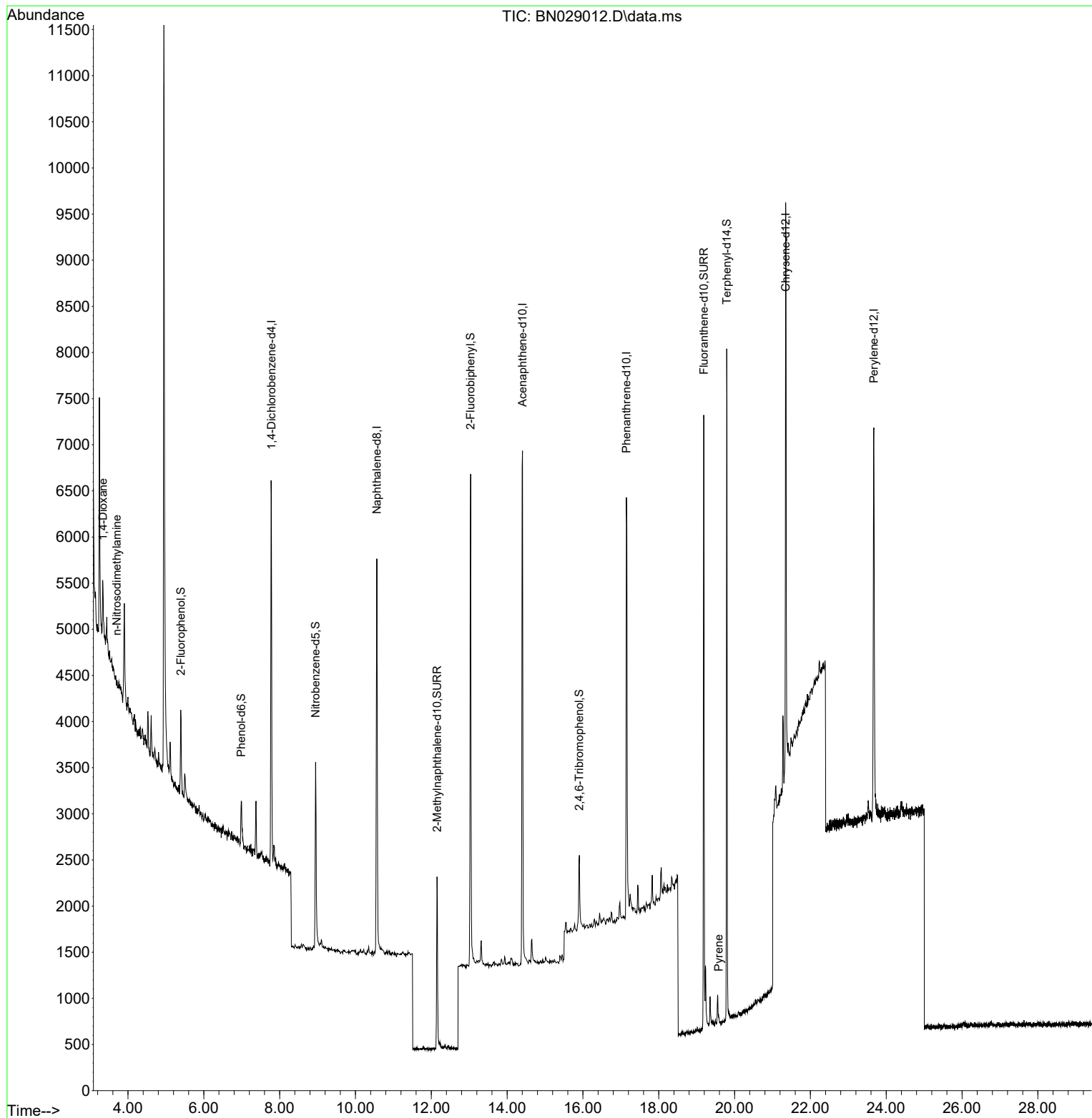
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	2020	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5897	0.400	ng	0.00
13) Acenaphthene-d10	14.407	164	3640	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	7769	0.400	ng	#-0.01
29) Chrysene-d12	21.347	240	6336	0.400	ng	# 0.00
35) Perylene-d12	23.672	264	6082	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	641	0.105	ng	0.00
5) Phenol-d6	6.988	99	452	0.067	ng	0.00
8) Nitrobenzene-d5	8.950	82	1876	0.320	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2675	0.283	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	588	0.239	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	4826	0.307	ng	0.00
27) Fluoranthene-d10	19.190	212	7950	0.389	ng	0.00
31) Terphenyl-d14	19.794	244	7394	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	528	0.267	ng	# 53
3) n-Nitrosodimethylamine	3.702	42	25	0.099	ng	# 1
30) Pyrene	19.580	202	75	0.096	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.275	149	1117	Below Cal		# 97

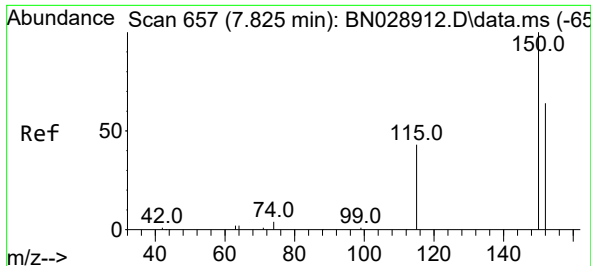
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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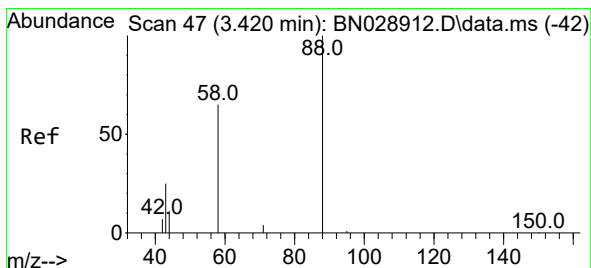
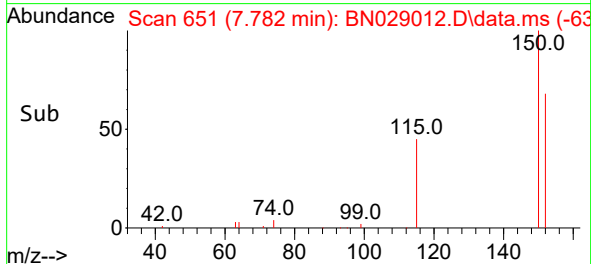
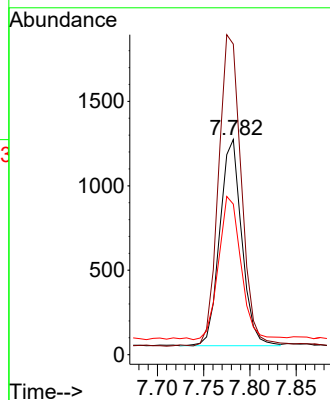
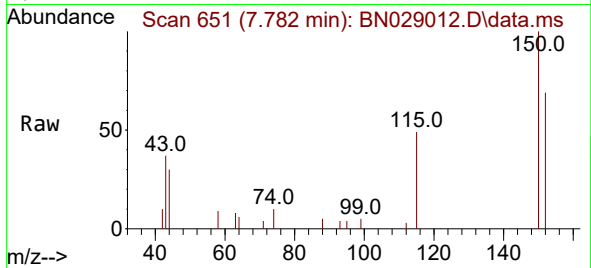




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN029012.D
 Acq: 03 Dec 2023 09:46

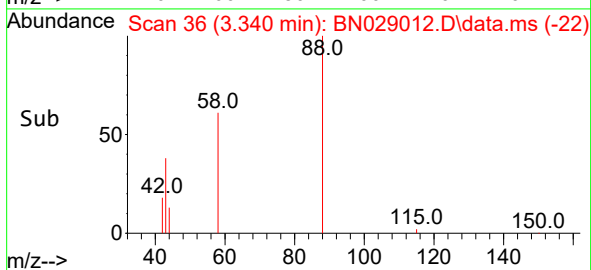
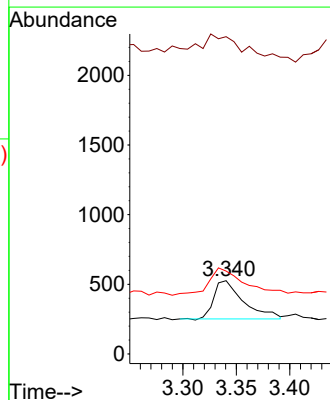
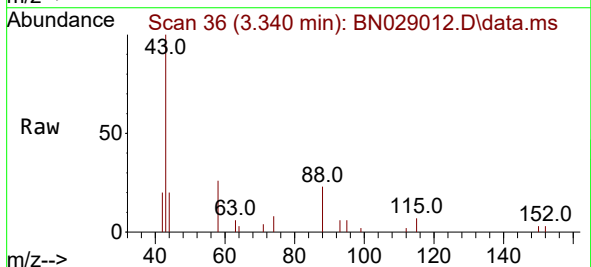
Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20231109

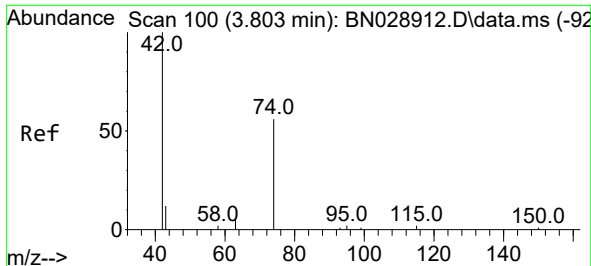
Tgt Ion:152 Resp: 2020
 Ion Ratio Lower Upper
 152 100
 150 144.3 123.4 185.2
 115 70.0 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.267 ng
 RT: 3.340 min Scan# 36
 Delta R.T. -0.000 min
 Lab File: BN029012.D
 Acq: 03 Dec 2023 09:46

Tgt Ion: 88 Resp: 528
 Ion Ratio Lower Upper
 88 100
 43 91.3 29.9 44.9#
 58 87.3 55.0 82.4#

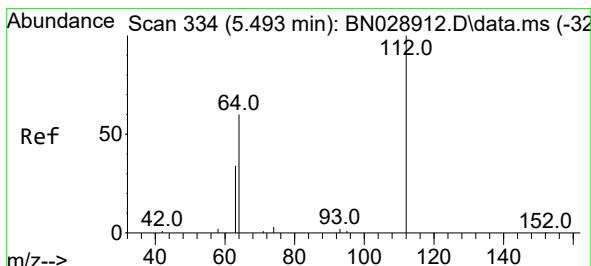
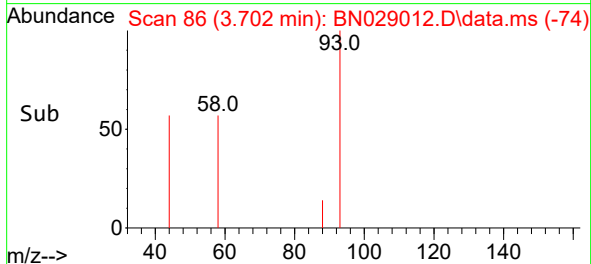
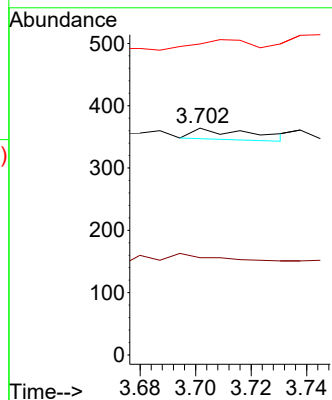
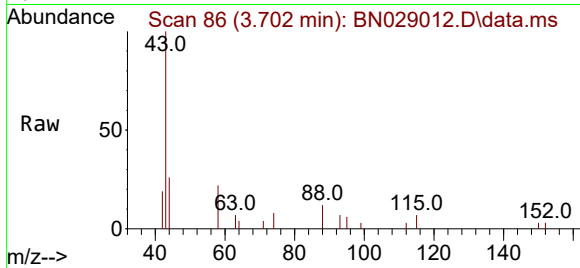




#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.702 min Scan# 80
Delta R.T. -0.015 min
Lab File: BN029012.D
Acq: 03 Dec 2023 09:46

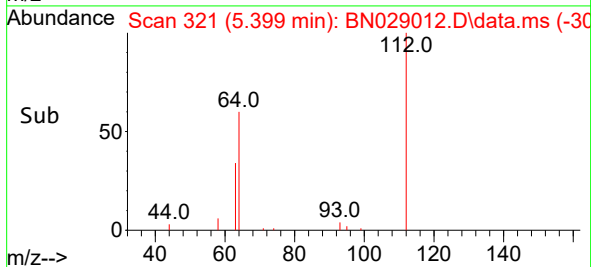
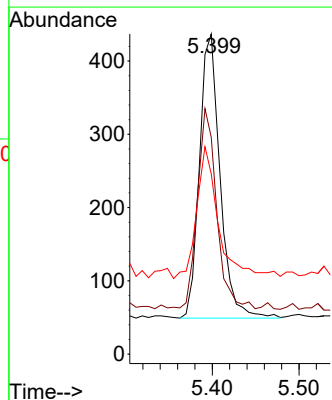
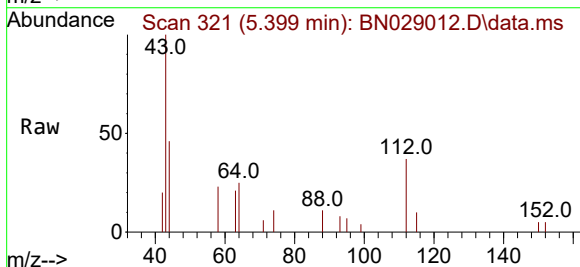
Instrument :
BNA_N
ClientSampleId :
TT205S1-20231109

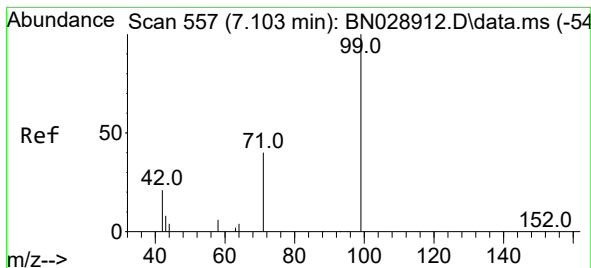
Tgt Ion: 42 Resp: 25
Ion Ratio Lower Upper
42 100
74 184.0 57.0 85.6#
44 172.0 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN029012.D
Acq: 03 Dec 2023 09:46

Tgt Ion: 112 Resp: 641
Ion Ratio Lower Upper
112 100
64 64.7 51.5 77.3
63 49.5 30.4 45.6#





#5

Phenol-d6

Concen: 0.067 ng

RT: 6.988 min Scan# 54

Delta R.T. -0.000 min

Lab File: BN029012.D

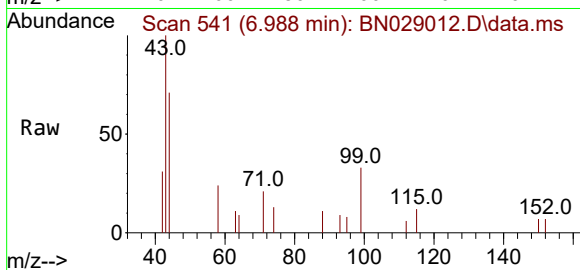
Acq: 03 Dec 2023 09:46

Instrument :

BNA_N

ClientSampleId :

TT205S1-20231109



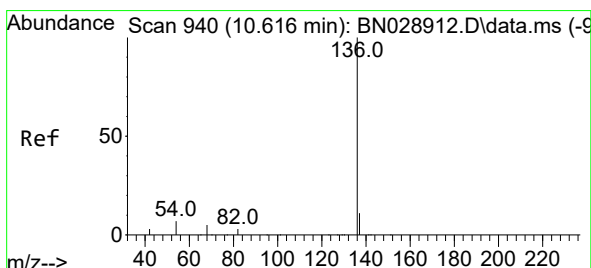
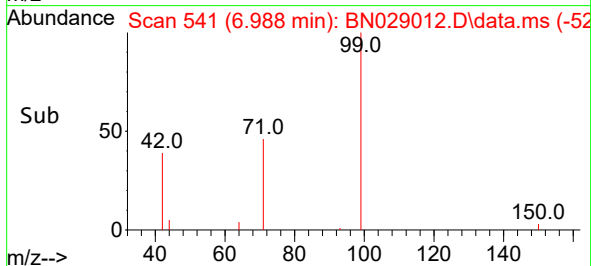
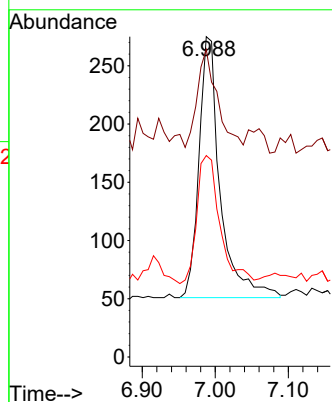
Tgt Ion: 99 Resp: 452

Ion Ratio Lower Upper

99 100

42 36.7 21.2 31.8#

71 53.3 35.4 53.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.562 min Scan# 935

Delta R.T. -0.000 min

Lab File: BN029012.D

Acq: 03 Dec 2023 09:46

Tgt Ion: 136 Resp: 5897

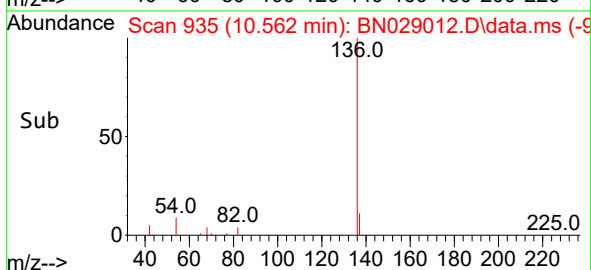
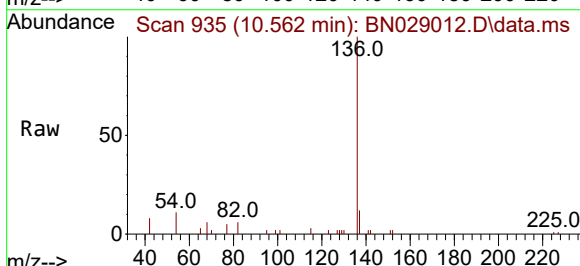
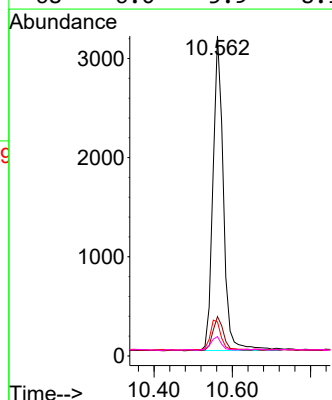
Ion Ratio Lower Upper

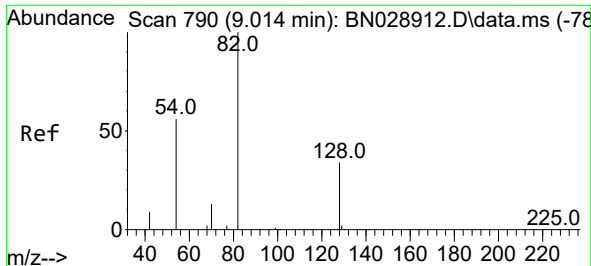
136 100

137 12.3 10.6 16.0

54 10.7 7.5 11.3

68 6.0 5.9 8.9

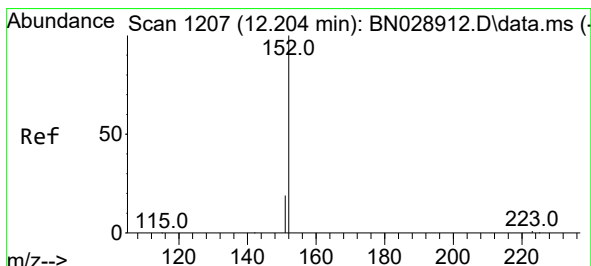
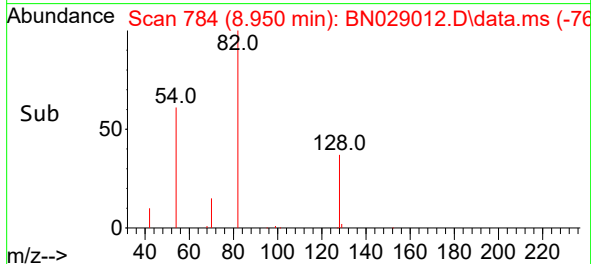
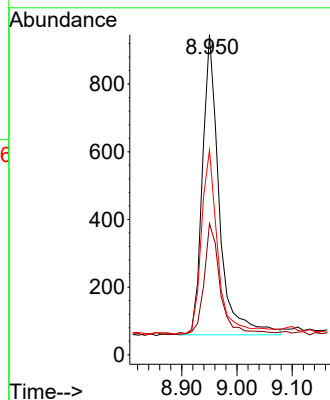
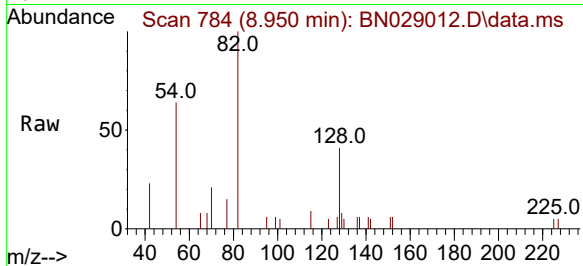




#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN029012.D
Acq: 03 Dec 2023 09:46

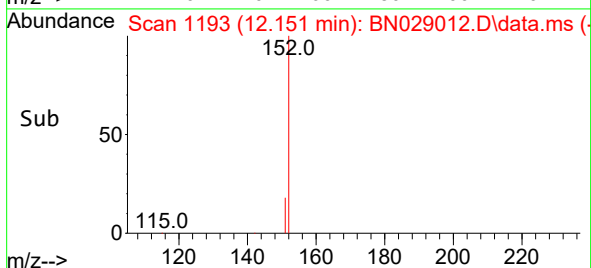
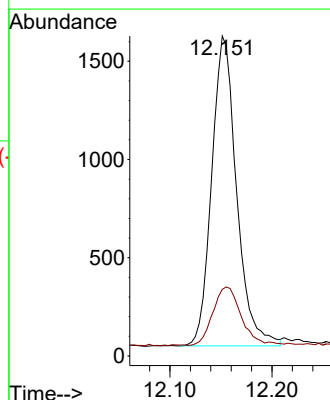
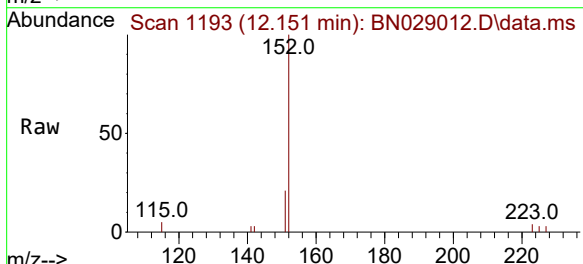
Instrument :
BNA_N
ClientSampleId :
TT205S1-20231109

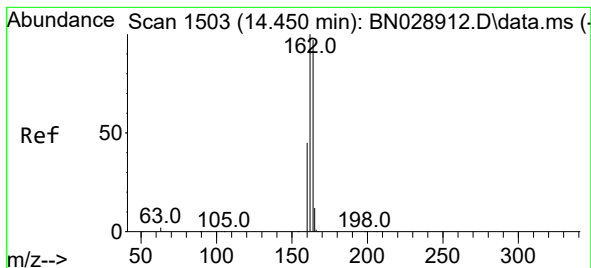
Tgt Ion: 82 Resp: 1876
Ion Ratio Lower Upper
82 100
128 41.0 29.2 43.8
54 64.0 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.151 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BN029012.D
Acq: 03 Dec 2023 09:46

Tgt Ion:152 Resp: 2675
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN029012.D

Acq: 03 Dec 2023 09:46

Instrument :

BNA_N

ClientSampleId :

TT205S1-20231109

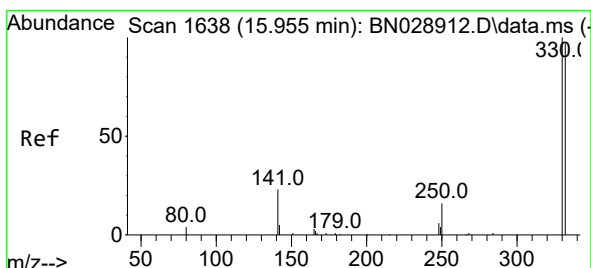
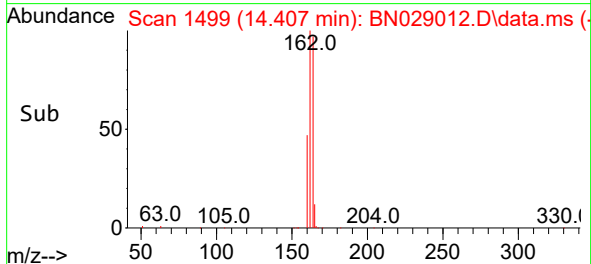
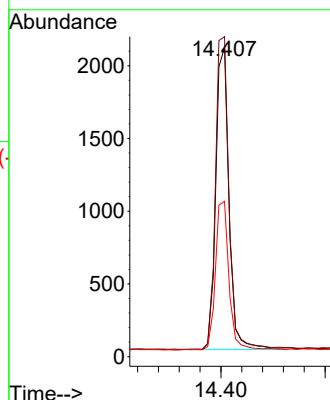
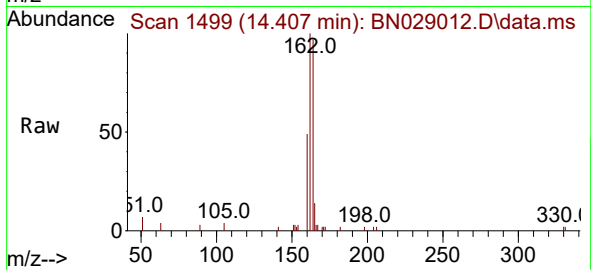
Tgt Ion:164 Resp: 3640

Ion Ratio Lower Upper

164 100

162 103.5 81.7 122.5

160 50.2 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.239 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BN029012.D

Acq: 03 Dec 2023 09:46

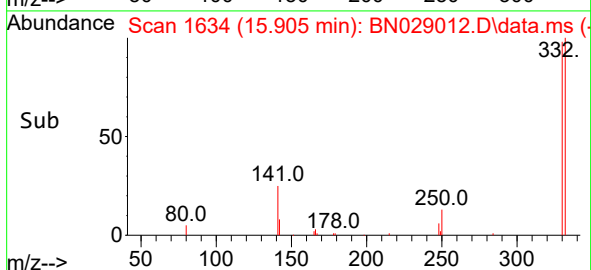
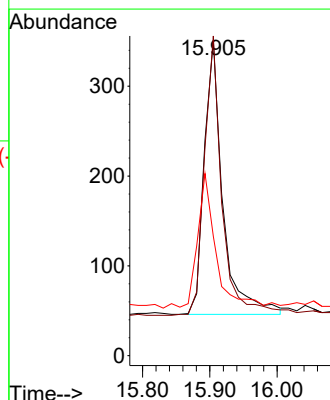
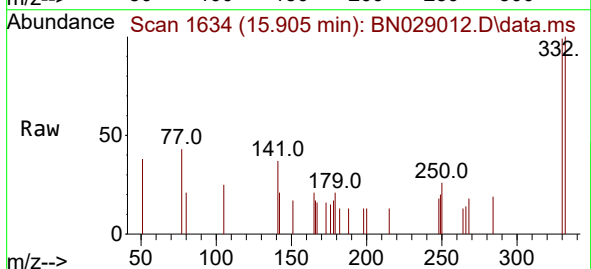
Tgt Ion:330 Resp: 588

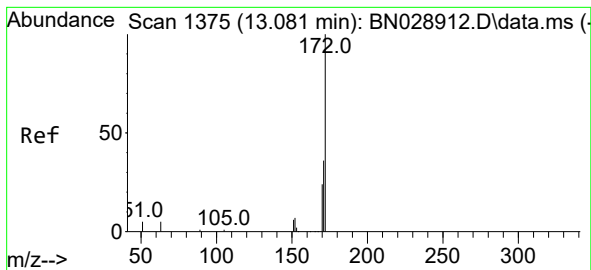
Ion Ratio Lower Upper

330 100

332 95.9 75.4 113.2

141 49.3 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.307 ng

RT: 13.038 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029012.D

Acq: 03 Dec 2023 09:46

Instrument :

BNA_N

ClientSampleId :

TT205S1-20231109

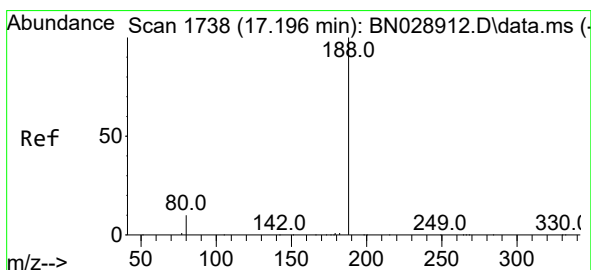
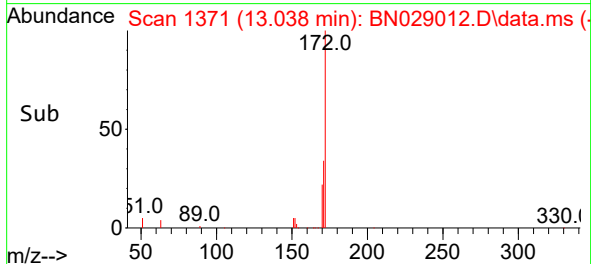
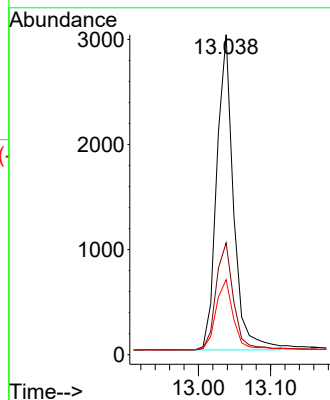
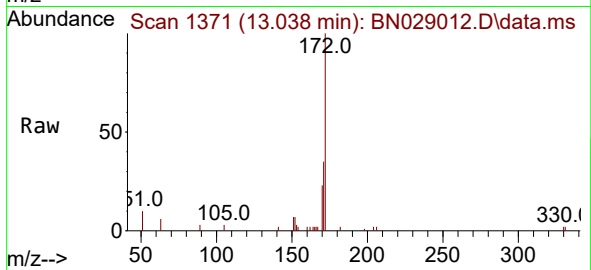
Tgt Ion:172 Resp: 4826

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.4

170 23.4 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.146 min Scan# 1734

Delta R.T. -0.013 min

Lab File: BN029012.D

Acq: 03 Dec 2023 09:46

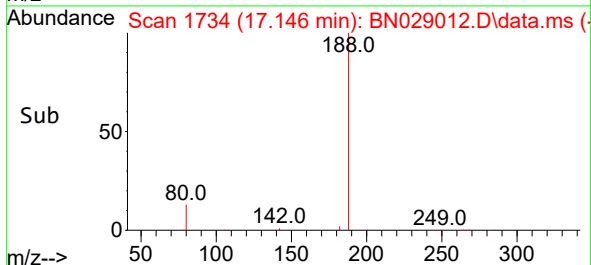
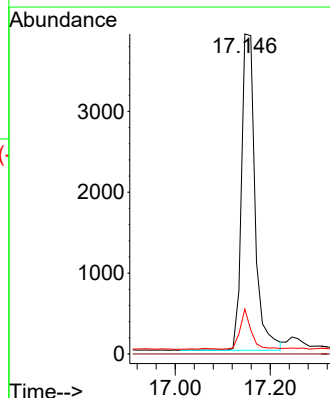
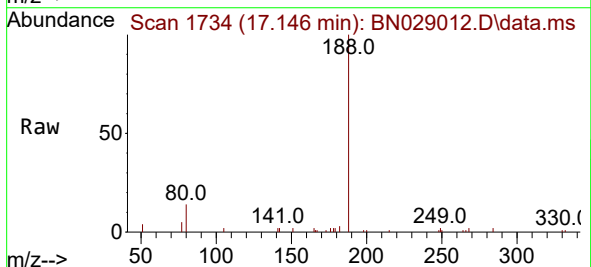
Tgt Ion:188 Resp: 7769

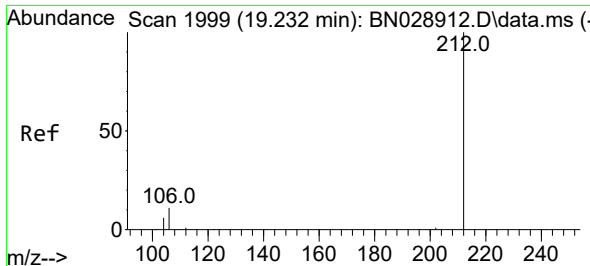
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.0 9.0 13.6#

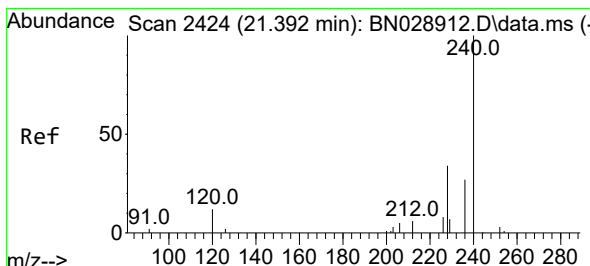
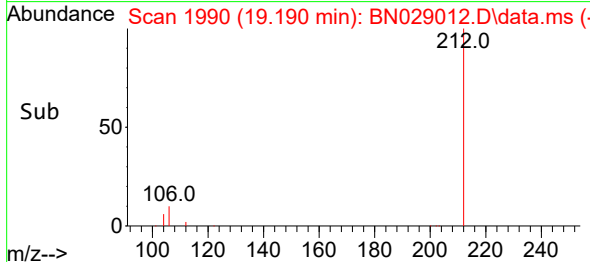
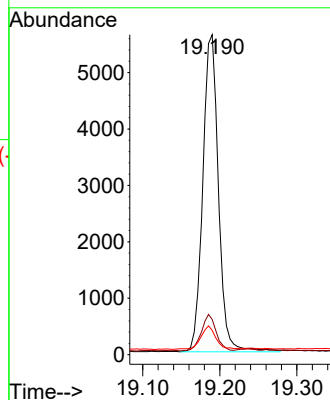
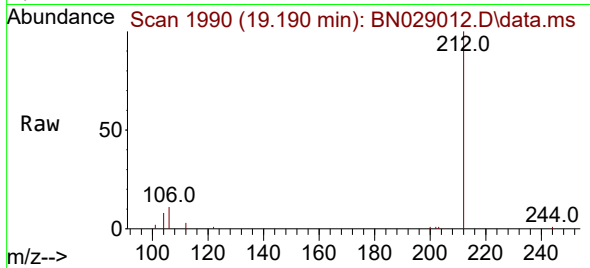




#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.190 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN029012.D
Acq: 03 Dec 2023 09:46

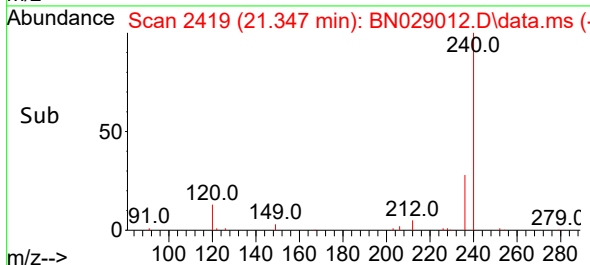
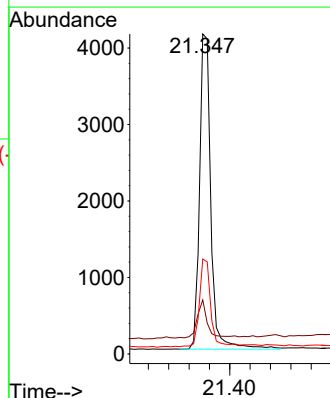
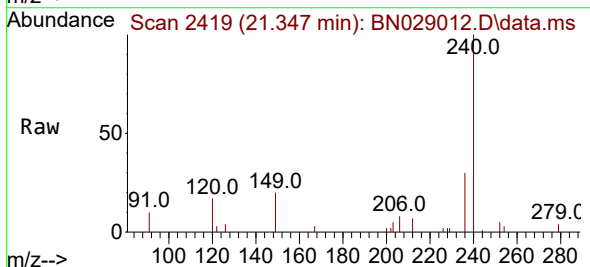
Instrument :
BNA_N
ClientSampleId :
TT205S1-20231109

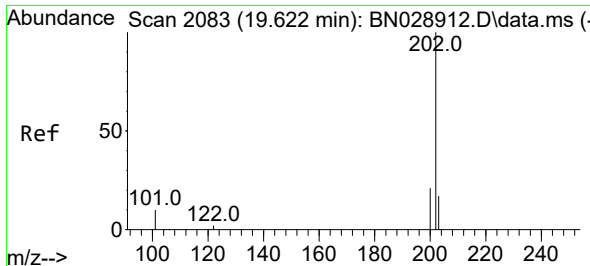
Tgt Ion:212 Resp: 7950
Ion Ratio Lower Upper
212 100
106 10.7 9.4 14.2
104 7.1 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029012.D
Acq: 03 Dec 2023 09:46

Tgt Ion:240 Resp: 6336
Ion Ratio Lower Upper
240 100
120 16.9 37.1 55.7#
236 29.6 32.4 48.6#

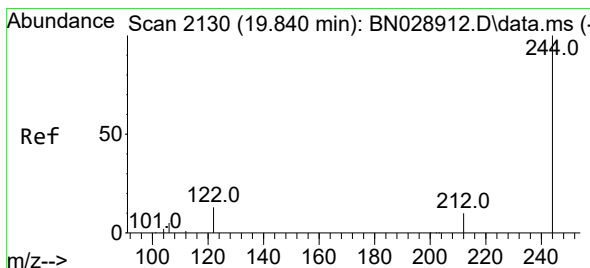
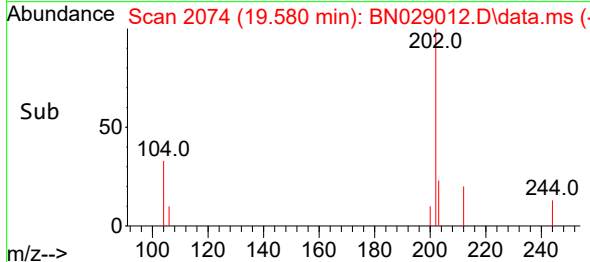
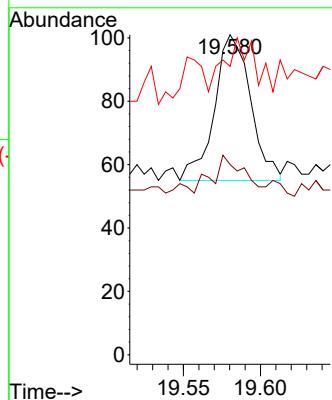
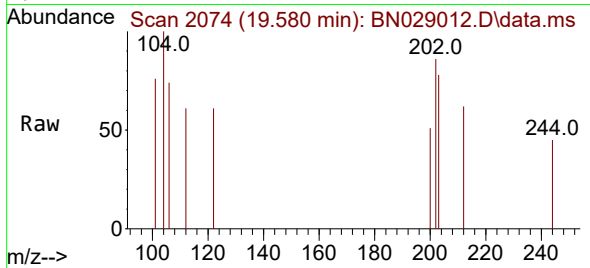




#30
 Pyrene
 Concen: 0.096 ng
 RT: 19.580 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN029012.D
 Acq: 03 Dec 2023 09:46

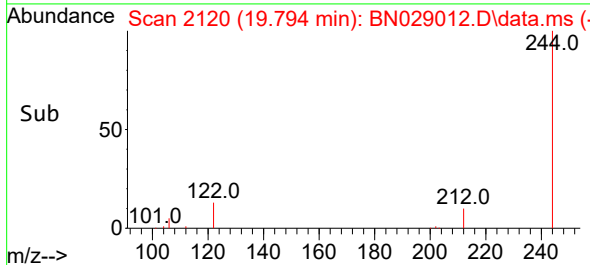
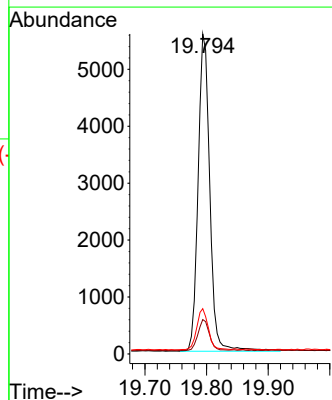
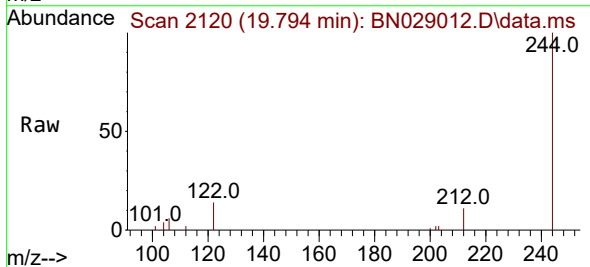
Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20231109

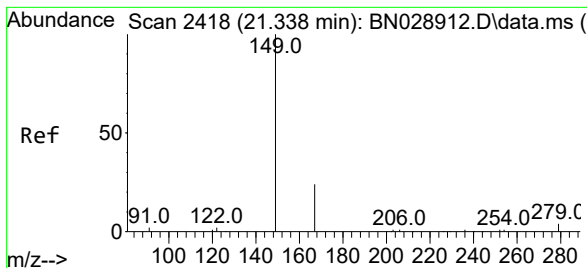
Tgt Ion:202 Resp: 75
 Ion Ratio Lower Upper
 202 100
 200 22.7 16.9 25.3
 203 29.3 14.8 22.2#



#31
 Terphenyl-d14
 Concen: 0.406 ng
 RT: 19.794 min Scan# 2120
 Delta R.T. -0.000 min
 Lab File: BN029012.D
 Acq: 03 Dec 2023 09:46

Tgt Ion:244 Resp: 7394
 Ion Ratio Lower Upper
 244 100
 212 10.8 11.5 17.3#
 122 14.1 13.2 19.8

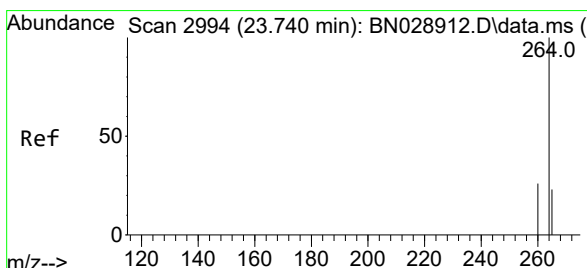
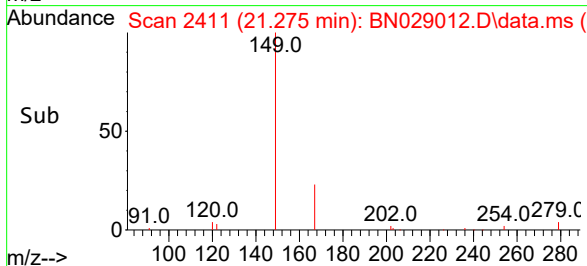
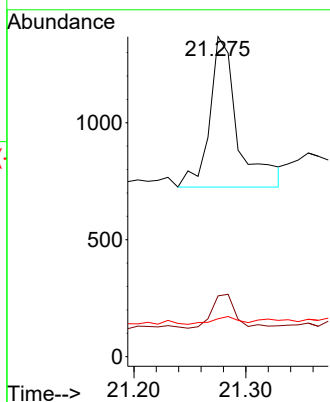
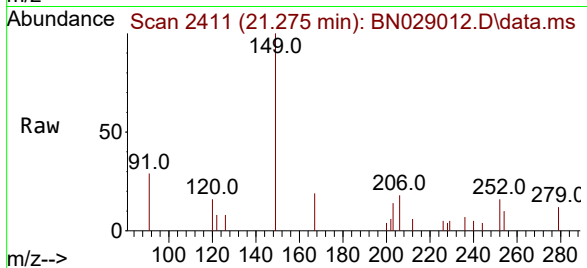




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.275 min Scan# 2411
 Delta R.T. -0.000 min
 Lab File: BN029012.D
 Acq: 03 Dec 2023 09:46

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20231109

Tgt Ion:149 Resp: 1117
 Ion Ratio Lower Upper
 149 100
 167 19.2 14.9 22.3
 279 4.8 6.3 9.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.672 min Scan# 2971
 Delta R.T. 0.003 min
 Lab File: BN029012.D
 Acq: 03 Dec 2023 09:46

Tgt Ion:264 Resp: 6082
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.6 30.8
 265 69.8 464.5 696.7#

