

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028965.D
 Acq On : 02 Dec 2023 02:02
 Operator : MA/JU
 Sample : 05551-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-110

Quant Time: Dec 02 03:17:18 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)

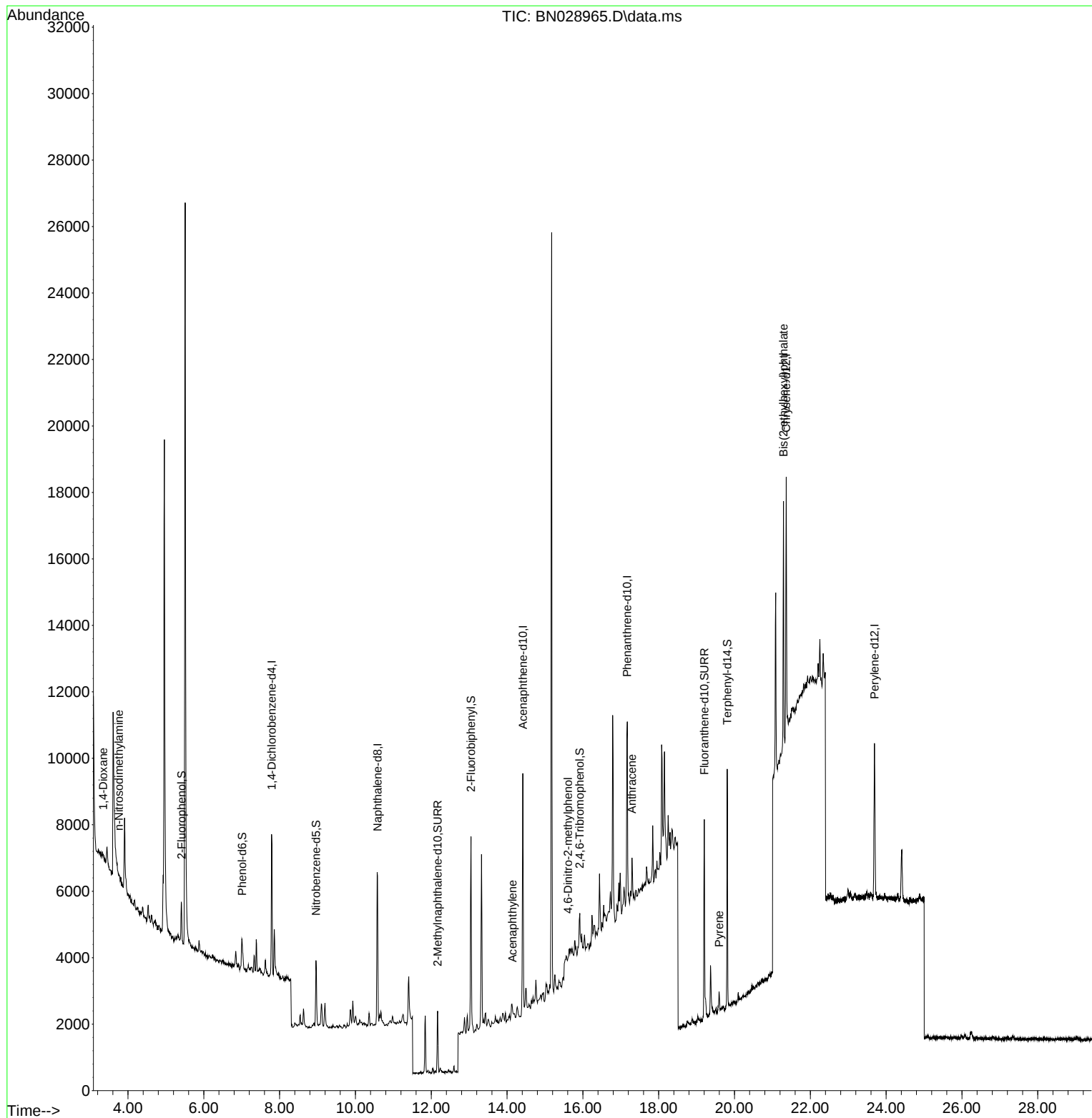
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2070	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	6448	0.400	ng	0.00
13) Acenaphthene-d10	14.418	164	3971	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	8329	0.400	ng	0.00
29) Chrysene-d12	21.365	240	6701	0.400	ng	# 0.00
35) Perylene-d12	23.693	264	6137	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	931	0.148	ng	0.00
5) Phenol-d6	7.009	99	804	0.116	ng	0.00
8) Nitrobenzene-d5	8.961	82	1706	0.266	ng	-0.01
11) 2-Methylnaphthalene-d10	12.167	152	2530	0.245	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	702	0.262	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	4868	0.284	ng	0.00
27) Fluoranthene-d10	19.204	212	6831	0.312	ng	0.00
31) Terphenyl-d14	19.808	244	6542	0.364	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.348	88	98	0.048	ng	# 1
3) n-Nitrosodimethylamine	3.759	42	38	0.103	ng	# 14
16) Acenaphthylene	14.140	152	772	0.037	ng	# 74
20) 4,6-Dinitro-2-methylph...	15.607	198	60	0.033	ng	# 1
26) Anthracene	17.296	178	1388	0.055	ng	# 89
30) Pyrene	19.594	202	591	0.106	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.293	149	7697	0.050	ng	# 90

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

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MW-110

Quant Time: Dec 02 03:17:18 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

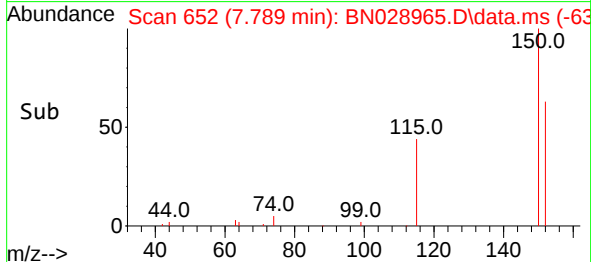
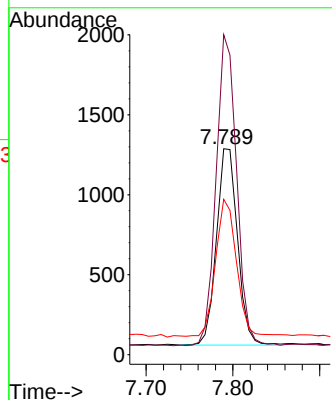
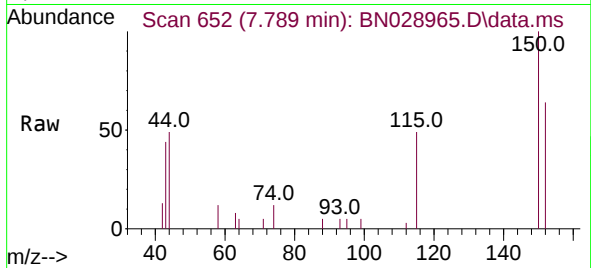




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN028965.D
 Acq: 02 Dec 2023 02:02

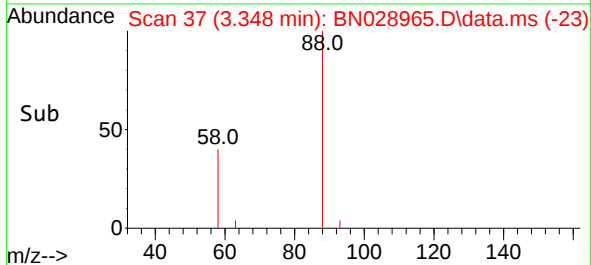
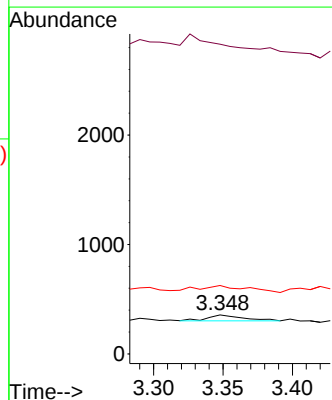
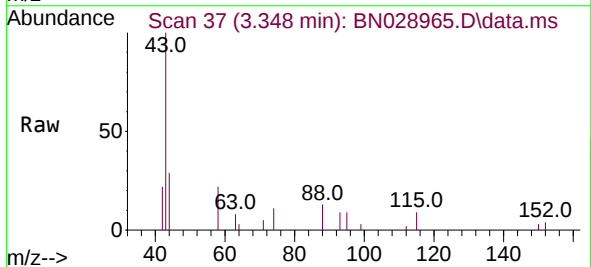
Instrument :
 BNA_N
 ClientSampleId :
 MW-110

Tgt Ion:152 Resp: 2070
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.4 185.2
 115 75.5 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.048 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: BN028965.D
 Acq: 02 Dec 2023 02:02

Tgt Ion: 88 Resp: 98
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.9 44.9#
 58 166.3 55.0 82.4#

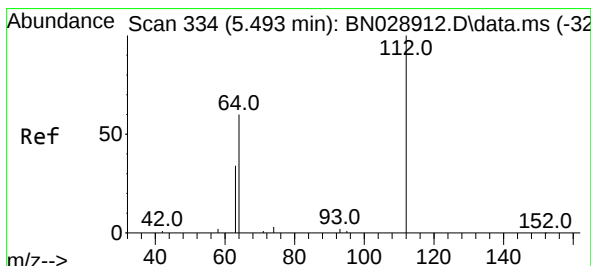
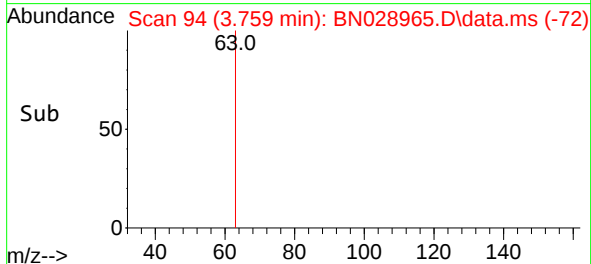
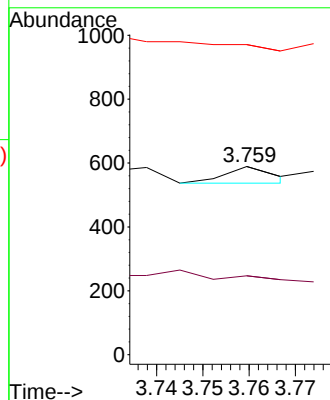
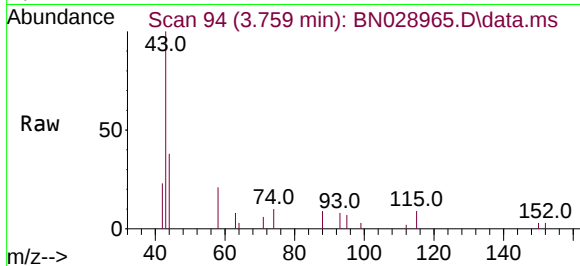




#3
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.759 min Scan# 94
Delta R.T. 0.058 min
Lab File: BN028965.D
Acq: 02 Dec 2023 02:02

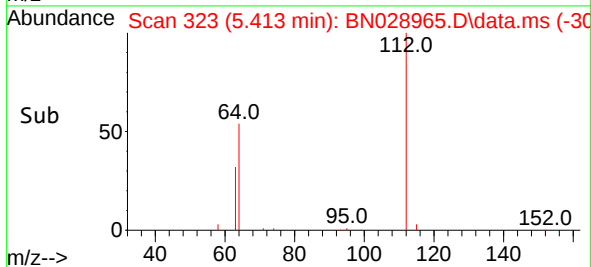
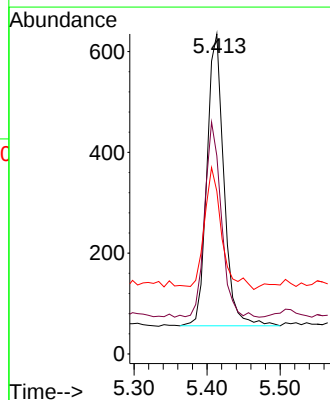
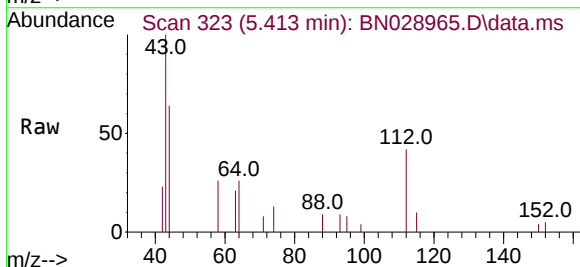
Instrument :
BNA_N
ClientSampleId :
MW-110

Tgt Ion: 42 Resp: 38
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.413 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN028965.D
Acq: 02 Dec 2023 02:02

Tgt Ion: 112 Resp: 931
Ion Ratio Lower Upper
112 100
64 65.3 51.5 77.3
63 42.5 30.4 45.6

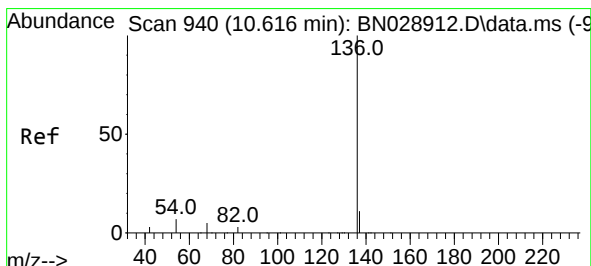
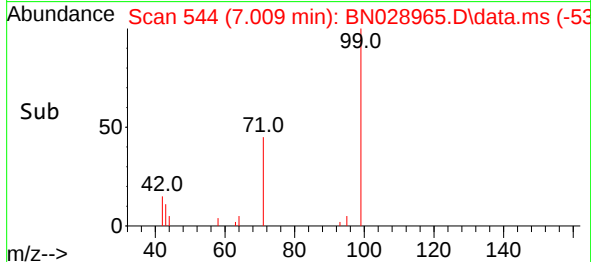
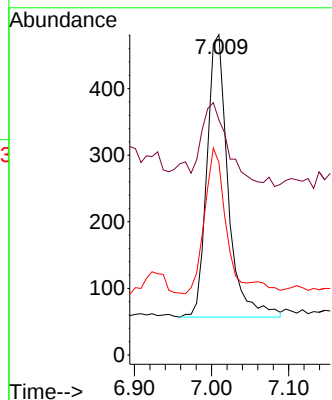
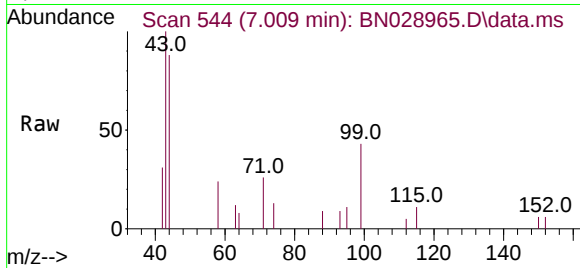




#5
Phenol-d6
Concen: 0.116 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN028965.D
Acq: 02 Dec 2023 02:02

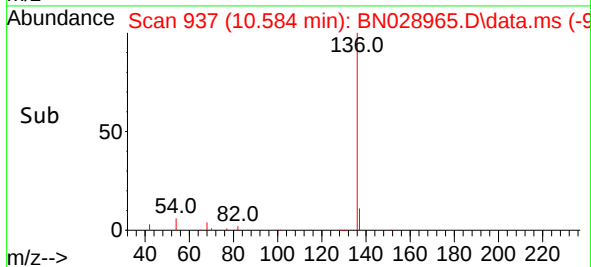
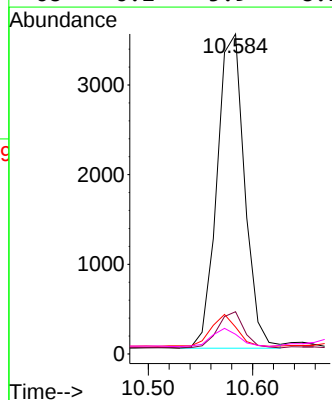
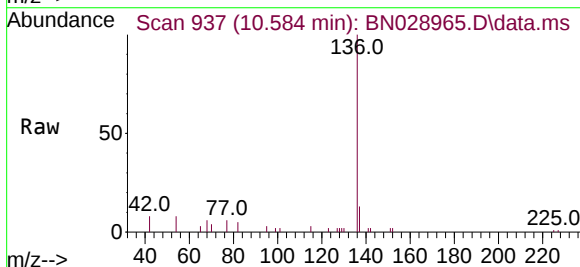
Instrument :
BNA_N
ClientSampleId :
MW-110

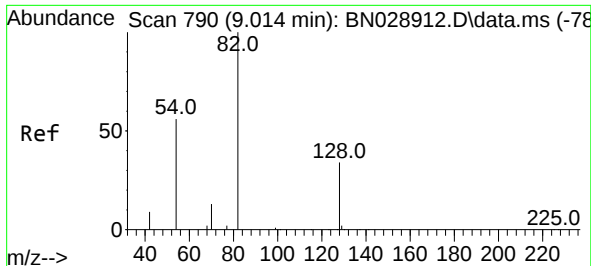
Tgt Ion: 99 Resp: 804
Ion Ratio Lower Upper
99 100
42 44.4 21.2 31.8#
71 50.9 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN028965.D
Acq: 02 Dec 2023 02:02

Tgt Ion: 136 Resp: 6448
Ion Ratio Lower Upper
136 100
137 13.2 10.6 16.0
54 8.4 7.5 11.3
68 6.2 5.9 8.9

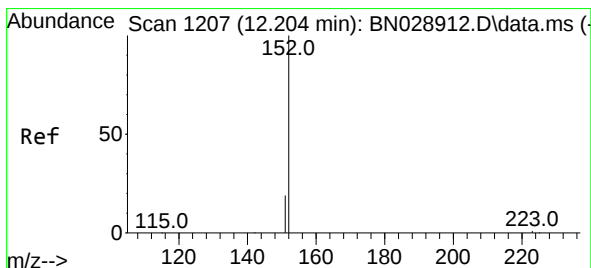
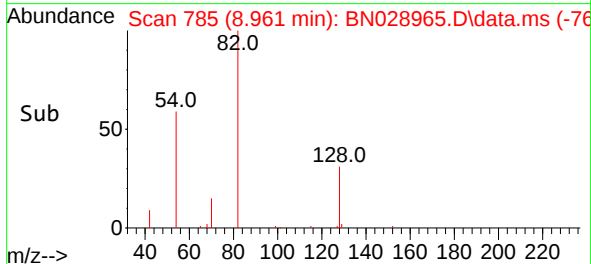
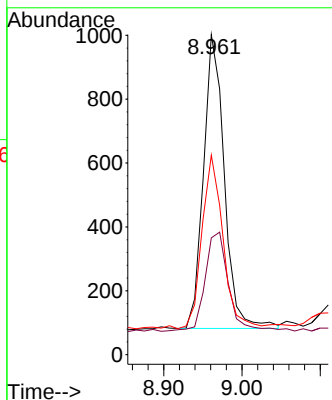
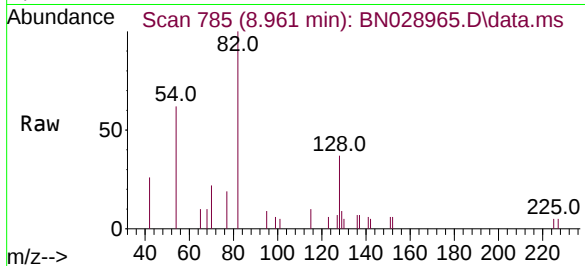




#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN028965.D
Acq: 02 Dec 2023 02:02

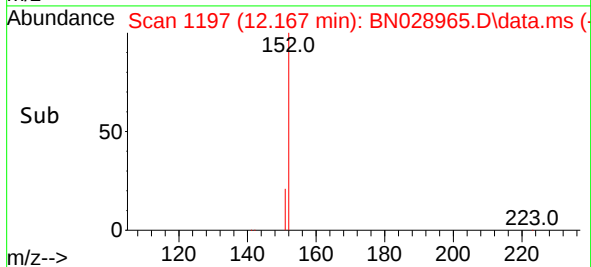
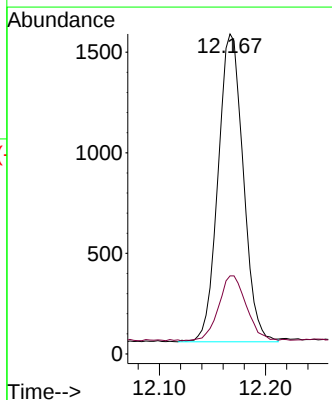
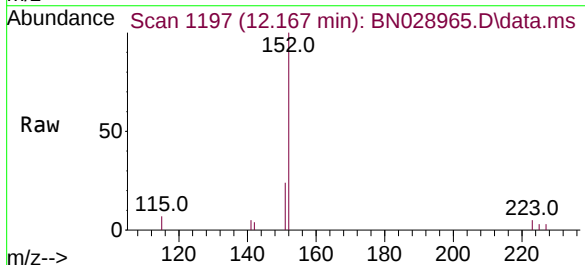
Instrument :
BNA_N
ClientSampleId :
MW-110

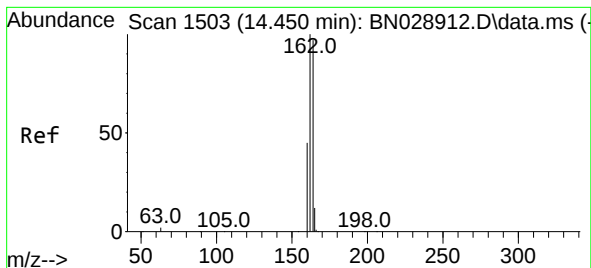
Tgt Ion: 82 Resp: 1706
Ion Ratio Lower Upper
82 100
128 36.5 29.2 43.8
54 62.4 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.245 ng
RT: 12.167 min Scan# 1197
Delta R.T. -0.004 min
Lab File: BN028965.D
Acq: 02 Dec 2023 02:02

Tgt Ion:152 Resp: 2530
Ion Ratio Lower Upper
152 100
151 22.8 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.418 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN028965.D

Acq: 02 Dec 2023 02:02

Instrument :

BNA_N

ClientSampleId :

MW-110

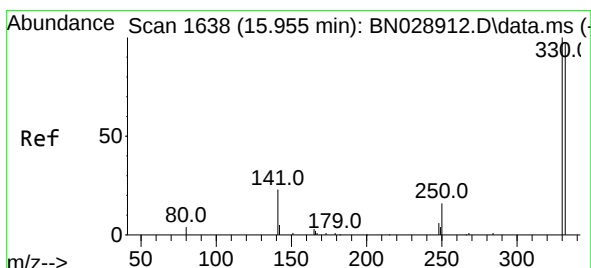
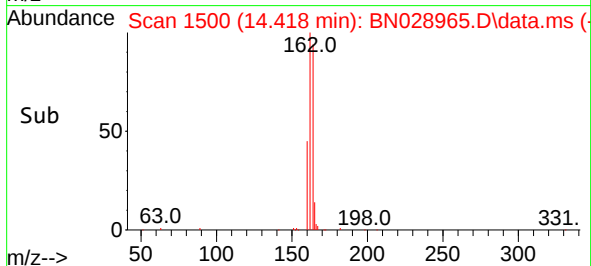
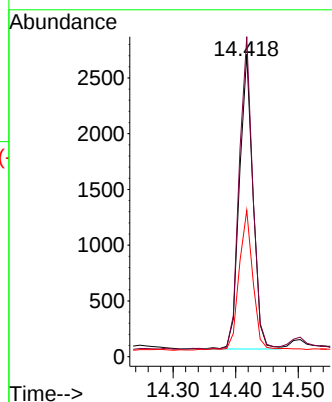
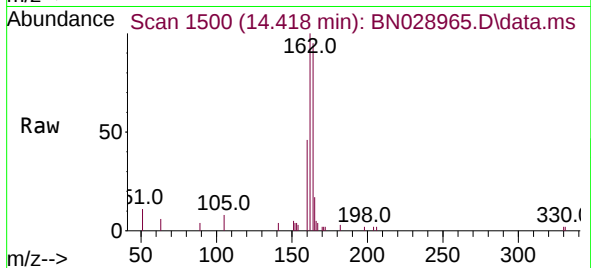
Tgt Ion:164 Resp: 3971

Ion Ratio Lower Upper

164 100

162 105.8 81.7 122.5

160 48.4 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.262 ng

RT: 15.918 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BN028965.D

Acq: 02 Dec 2023 02:02

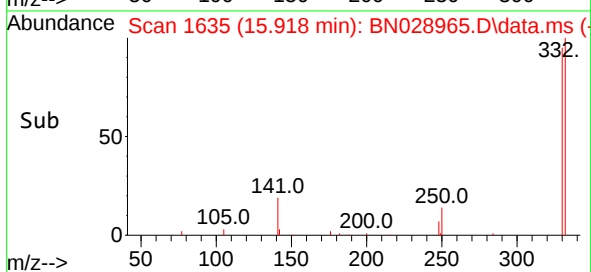
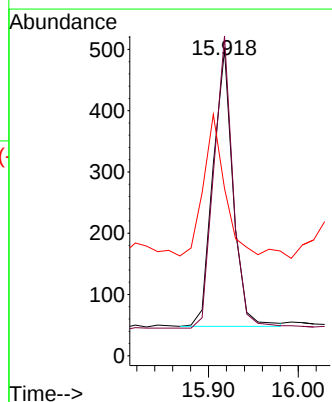
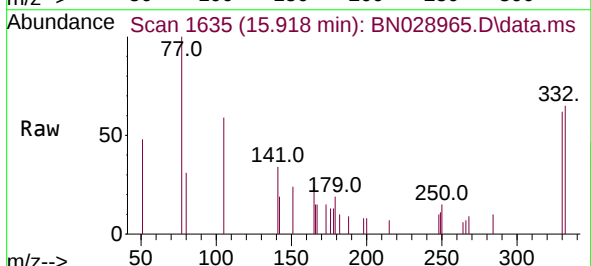
Tgt Ion:330 Resp: 702

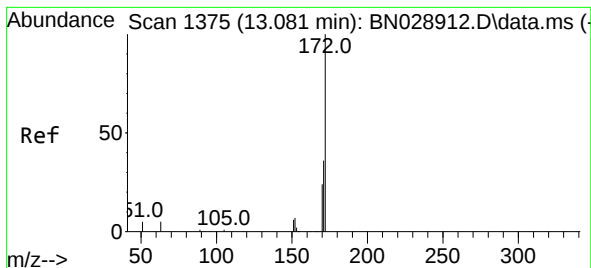
Ion Ratio Lower Upper

330 100

332 101.6 75.4 113.2

141 59.0 35.7 53.5#





#15

2-Fluorobiphenyl

Concen: 0.284 ng

RT: 13.049 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN028965.D

Acq: 02 Dec 2023 02:02

Instrument :

BNA_N

ClientSampleId :

MW-110

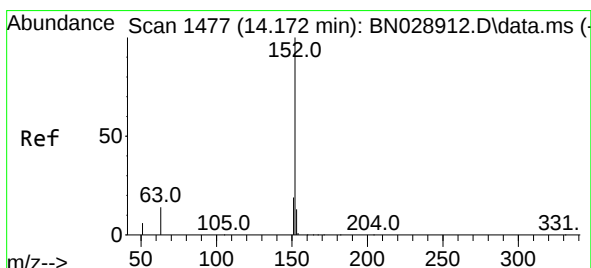
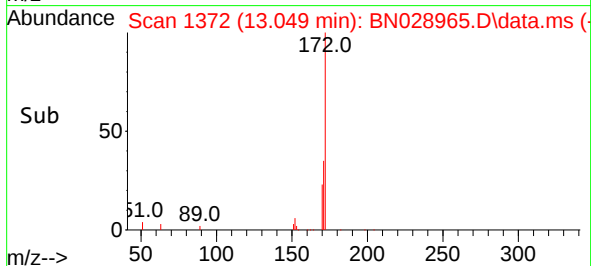
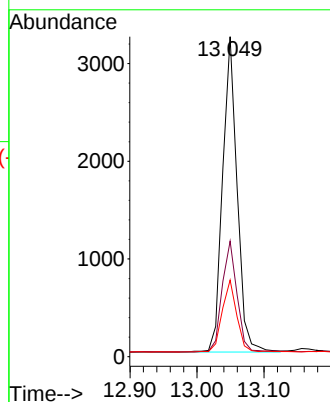
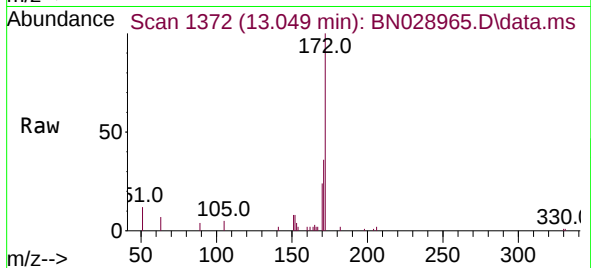
Tgt Ion:172 Resp: 4868

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 24.0 19.7 29.5



#16

Acenaphthylene

Concen: 0.037 ng

RT: 14.140 min Scan# 1474

Delta R.T. -0.000 min

Lab File: BN028965.D

Acq: 02 Dec 2023 02:02

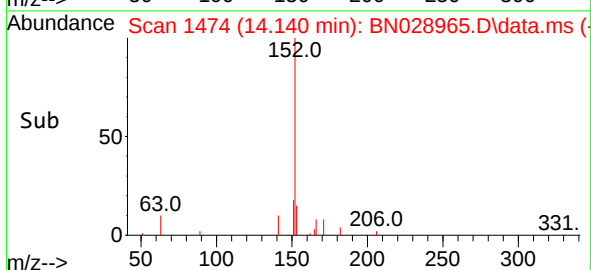
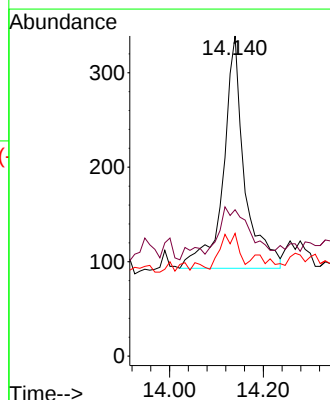
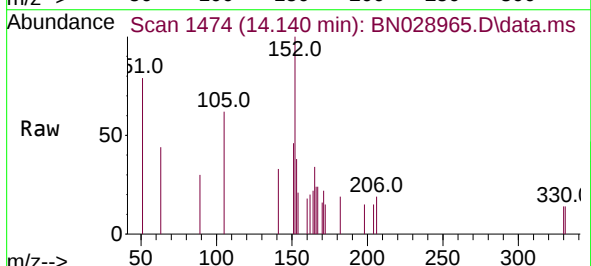
Tgt Ion:152 Resp: 772

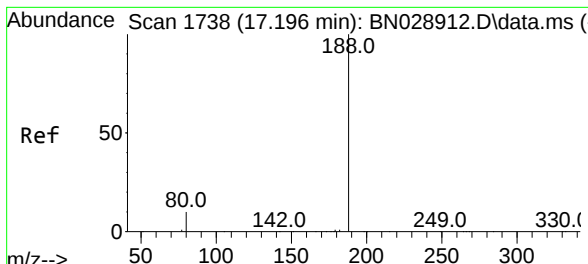
Ion Ratio Lower Upper

152 100

151 0.0 15.9 23.9#

153 13.1 10.8 16.2

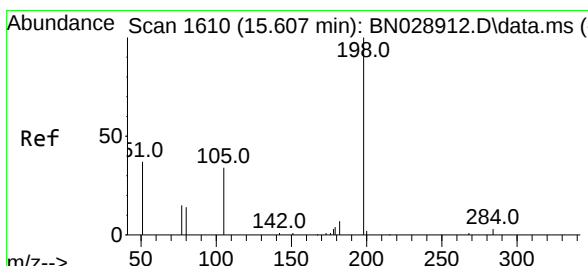
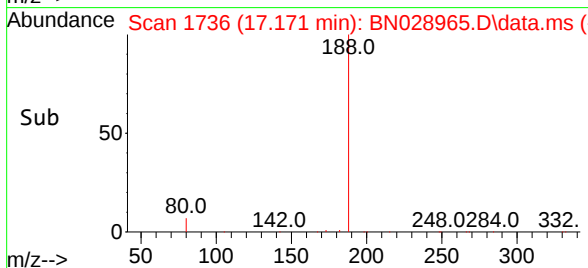
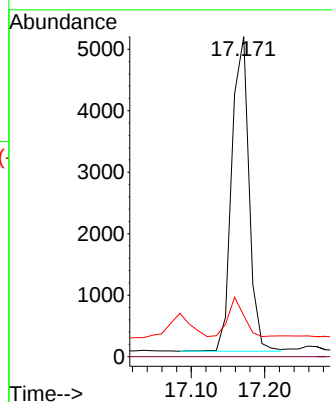
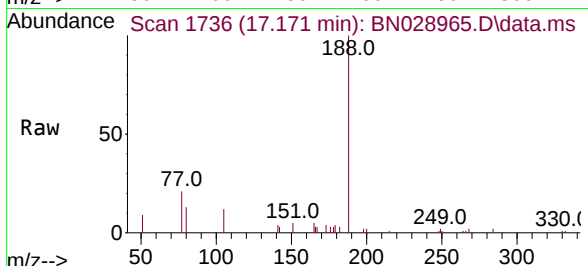




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN028965.D
Acq: 02 Dec 2023 02:02

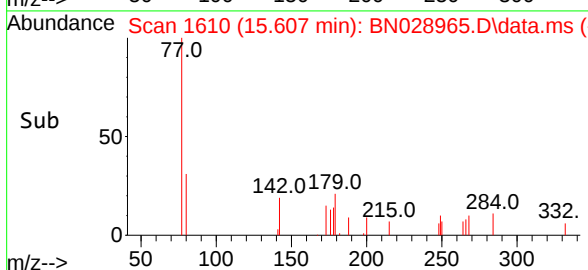
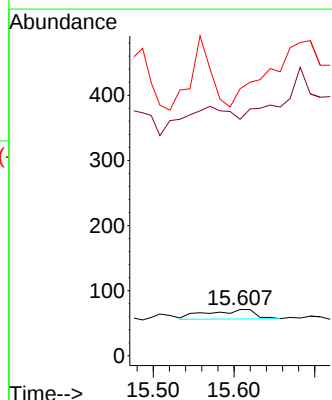
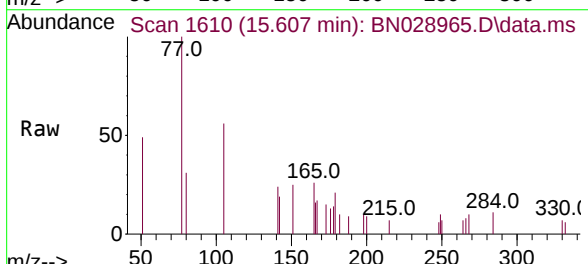
Instrument :
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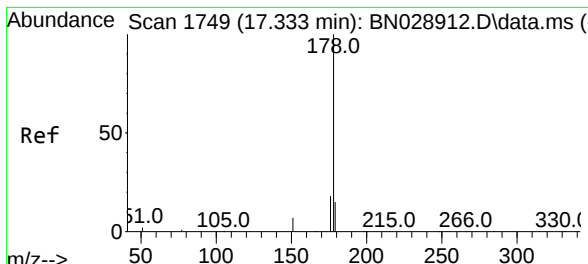
Tgt Ion:188 Resp: 8329
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.0 13.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.033 ng
RT: 15.607 min Scan# 1610
Delta R.T. 0.037 min
Lab File: BN028965.D
Acq: 02 Dec 2023 02:02

Tgt Ion:198 Resp: 60
Ion Ratio Lower Upper
198 100
51 511.3 76.2 114.4#
105 577.5 64.9 97.3#

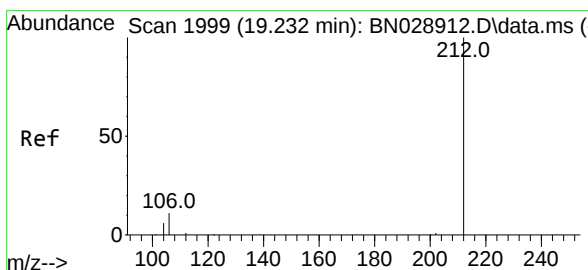
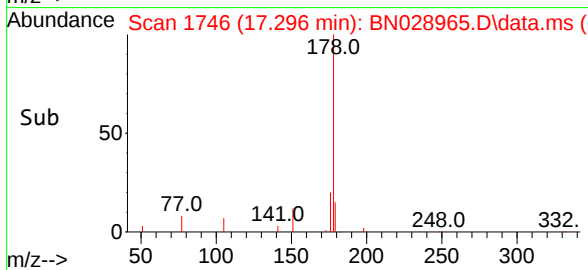
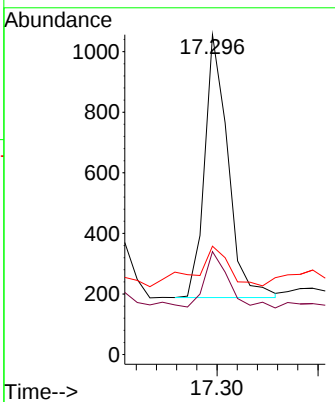
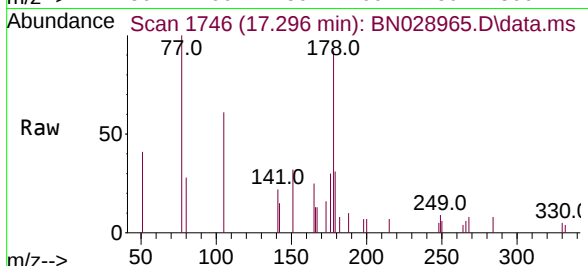




#26
 Anthracene
 Concen: 0.055 ng
 RT: 17.296 min Scan# 1746
 Delta R.T. -0.012 min
 Lab File: BN028965.D
 Acq: 02 Dec 2023 02:02

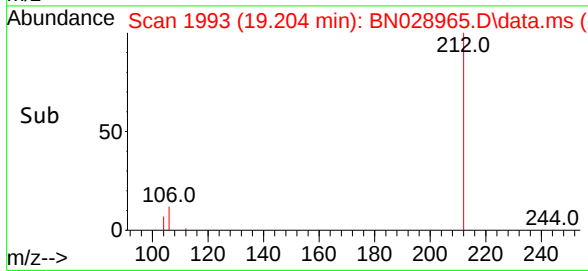
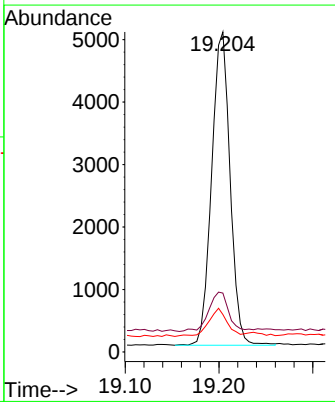
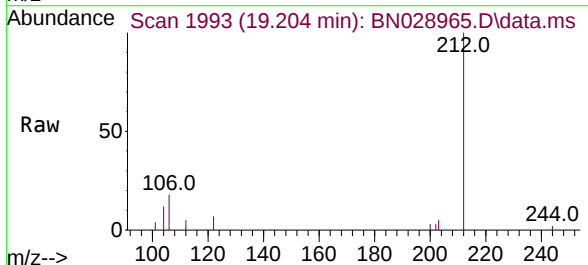
Instrument :
 BNA_N
 ClientSampleId :
 MW-110

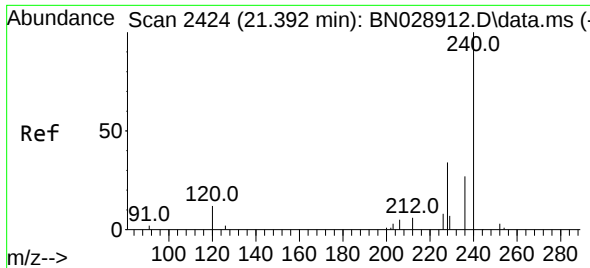
Tgt Ion:	178	Resp:	1388
Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.2	22.8
179	22.2	12.2	18.2



#27
 Fluoranthene-d10
 Concen: 0.312 ng
 RT: 19.204 min Scan# 1993
 Delta R.T. -0.005 min
 Lab File: BN028965.D
 Acq: 02 Dec 2023 02:02

Tgt Ion:	212	Resp:	6831
Ion	Ratio	Lower	Upper
212	100		
106	13.8	9.4	14.2
104	9.0	6.2	9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.365 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN028965.D

Acq: 02 Dec 2023 02:02

Instrument :

BNA_N

ClientSampleId :

MW-110

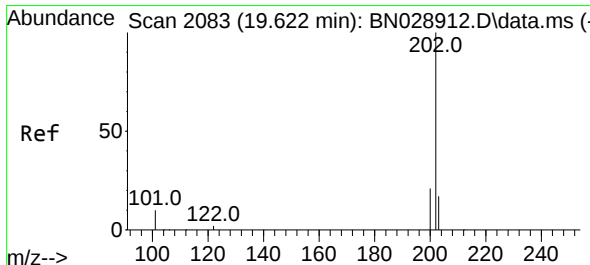
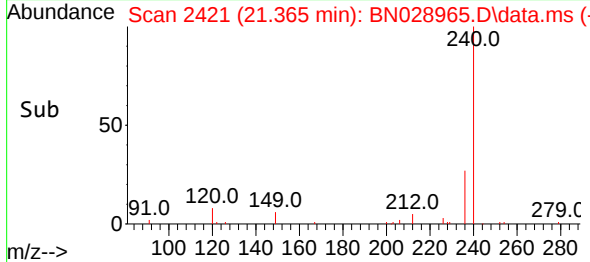
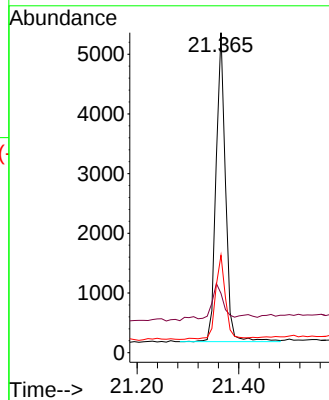
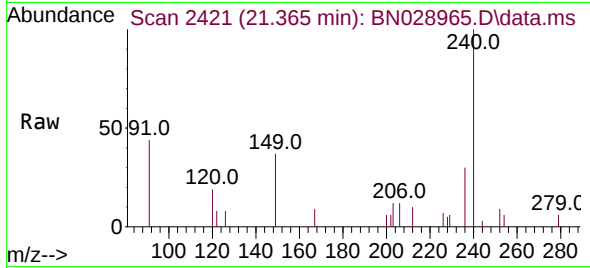
Tgt Ion:240 Resp: 6701

Ion Ratio Lower Upper

240 100

120 18.5 37.1 55.7#

236 30.4 32.4 48.6#



#30

Pyrene

Concen: 0.106 ng

RT: 19.594 min Scan# 2077

Delta R.T. -0.009 min

Lab File: BN028965.D

Acq: 02 Dec 2023 02:02

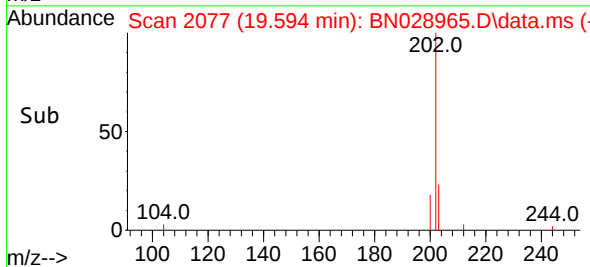
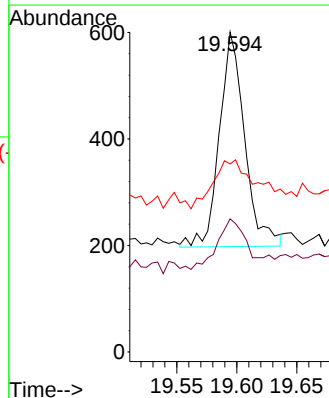
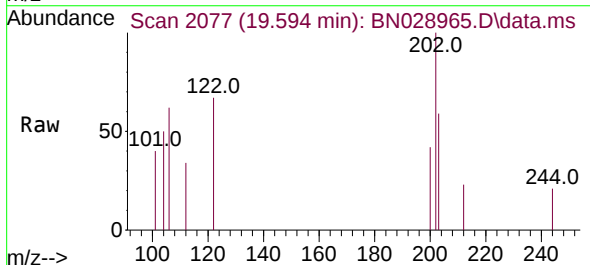
Tgt Ion:202 Resp: 591

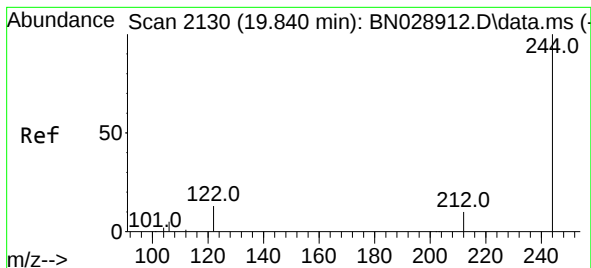
Ion Ratio Lower Upper

202 100

200 26.2 16.9 25.3#

203 41.1 14.8 22.2#





#31

Terphenyl-d14

Concen: 0.364 ng

RT: 19.808 min Scan# 2130

Delta R.T. -0.009 min

Lab File: BN028965.D

Acq: 02 Dec 2023 02:02

Instrument :

BNA_N

ClientSampleId :

MW-110

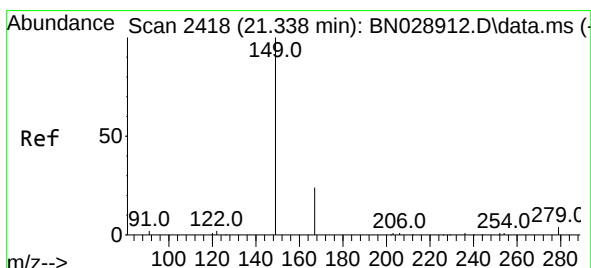
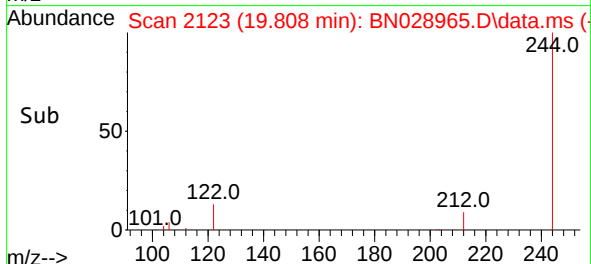
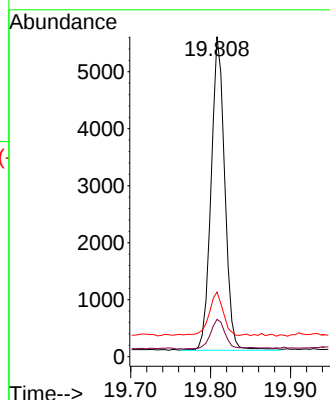
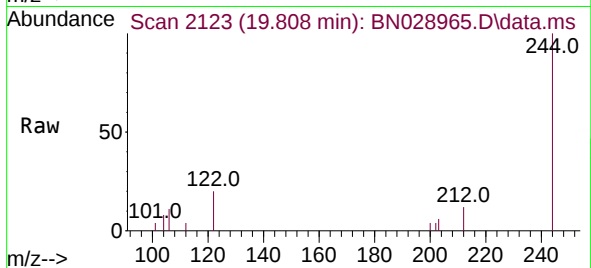
Tgt Ion:244 Resp: 6542

Ion Ratio Lower Upper

244 100

212 11.7 11.5 17.3

122 20.2 13.2 19.8#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.050 ng

RT: 21.293 min Scan# 2413

Delta R.T. -0.009 min

Lab File: BN028965.D

Acq: 02 Dec 2023 02:02

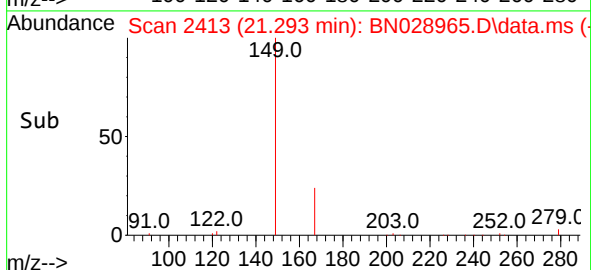
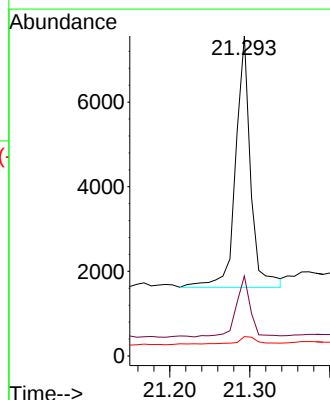
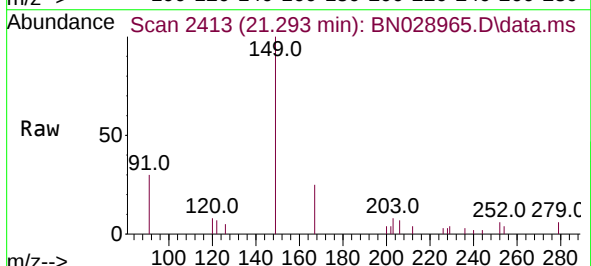
Tgt Ion:149 Resp: 7697

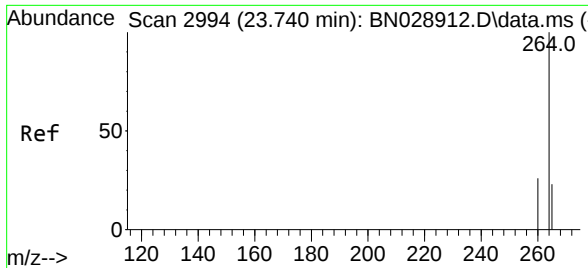
Ion Ratio Lower Upper

149 100

167 22.8 14.9 22.3#

279 3.8 6.3 9.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.693 min Scan# 2994
 Delta R.T. -0.015 min
 Lab File: BN028965.D
 Acq: 02 Dec 2023 02:02

Instrument :
 BNA_N
 ClientSampleId :
 MW-110

Tgt Ion:264 Resp: 6137
 Ion Ratio Lower Upper
 264 100
 260 28.4 20.6 30.8
 265 100.0 464.5 696.7#

