

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111422\
 Data File : BN022639.D
 Acq On : 14 Nov 2022 14:33
 Operator : CG/JU
 Sample : N5557-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14

Quant Time: Nov 15 00:40:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 15 00:38:02 2022
 Response via : Initial Calibration

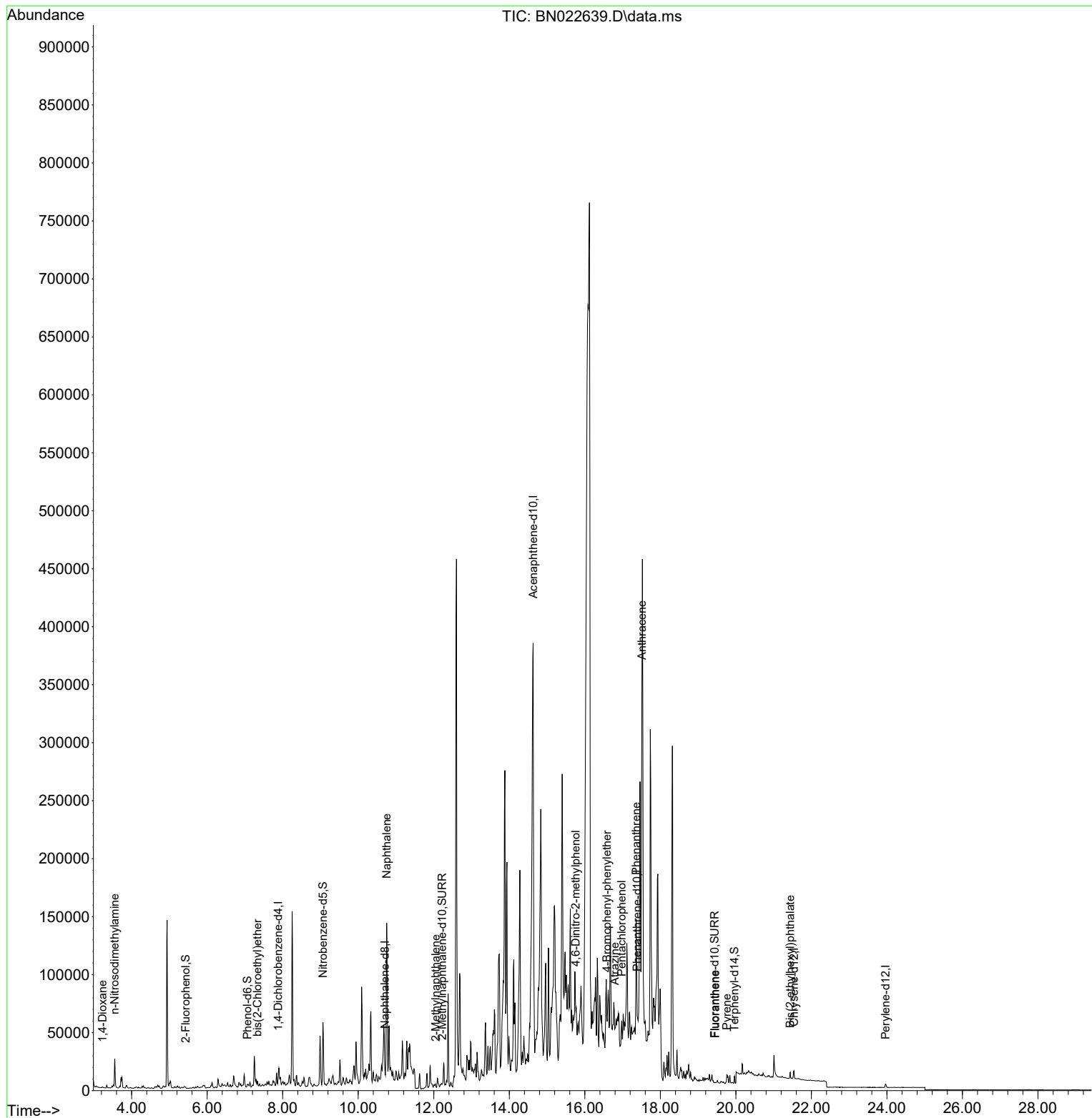
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	1996	0.400	ng	0.00
7) Naphthalene-d8	10.709	136	6263	0.400	ng	# 0.00
13) Acenaphthene-d10	14.632	164	428522	0.400	ng	# 0.07
19) Phenanthrene-d10	17.387	188	1067	0.400	ng	# 0.06
29) Chrysene-d12	21.537	240	5502	0.400	ng	0.00
35) Perylene-d12	23.964	264	4220	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	804	0.131	ng	0.00
5) Phenol-d6	7.068	99	967	0.127	ng	0.00
8) Nitrobenzene-d5	9.065	82	1902	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.221	152	672	0.065	ng	-0.09
14) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
27) Fluoranthene-d10	19.437	212	570	0.184	ng	0.07
31) Terphenyl-d14	19.964	244	5997	0.358	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.226	88	111	0.040	ng	# 1
3) n-Nitrosodimethylamine	3.551	42	2515	0.781	ng	# 1
6) bis(2-Chloroethyl)ether	7.328	93	6299	0.960	ng	# 27
9) Naphthalene	10.752	128	147031	7.910	ng	# 95
12) 2-Methylnaphthalene	12.055	142	101	0.023	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.761	198	2088	9.989	ng	# 1
21) 4-Bromophenyl-phenylether	16.580	248	55	0.087	ng	# 1
23) Atrazine	16.791	200	1895	3.127	ng	# 1
24) Pentachlorophenol	16.978	266	30	0.093	ng	93
25) Phenanthrene	17.362	178	88275	23.843	ng	98
26) Anthracene	17.511	178	4093	1.330	ng	# 1
28) Fluoranthene	19.458	202	124	0.032	ng	# 44
30) Pyrene	19.761	202	6472	0.281	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.439	149	5017	0.326	ng	96

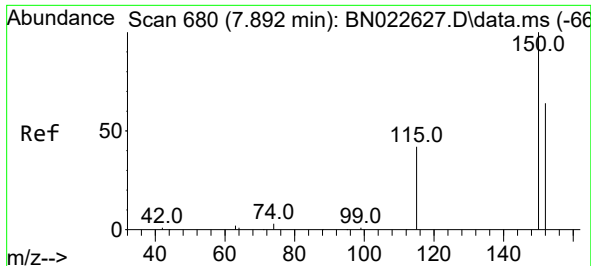
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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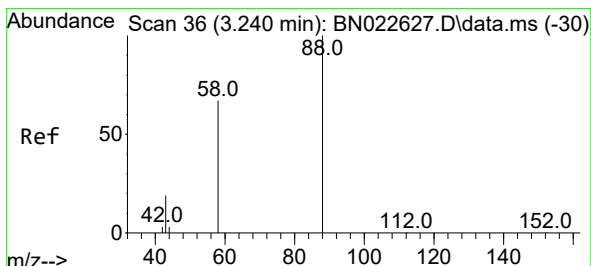
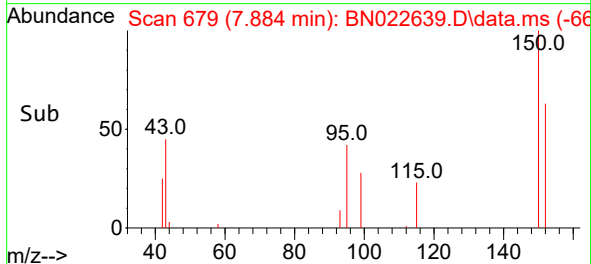
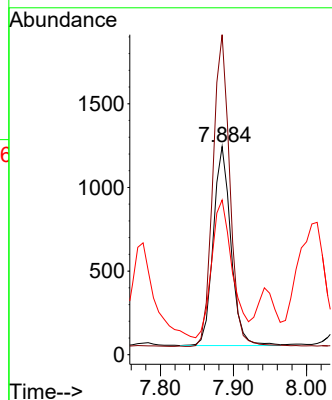
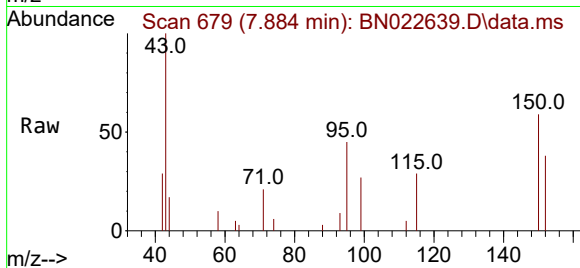




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.884 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

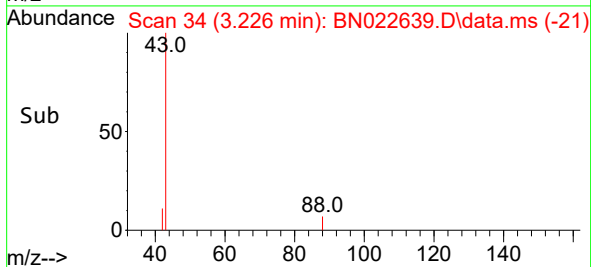
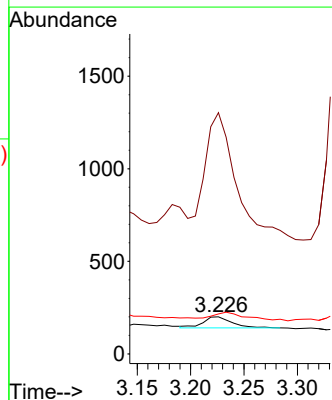
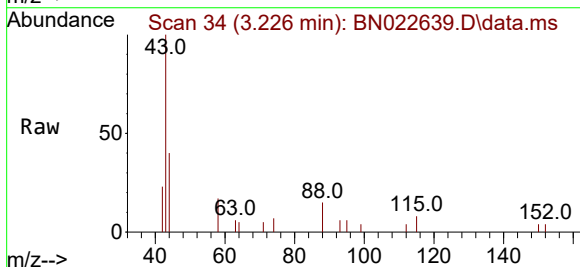
Instrument :
 BNA_N
 ClientSampleId :
 MW-14

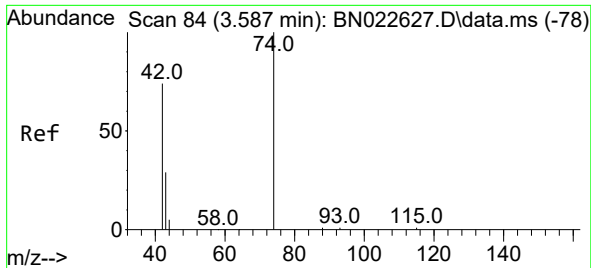
Tgt Ion:152 Resp: 1996
 Ion Ratio Lower Upper
 152 100
 150 153.7 122.2 183.4
 115 74.3 56.3 84.5



#2
 1,4-Dioxane
 Concen: 0.040 ng
 RT: 3.226 min Scan# 34
 Delta R.T. -0.007 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

Tgt Ion: 88 Resp: 111
 Ion Ratio Lower Upper
 88 100
 43 1029.7 34.9 52.3#
 58 72.1 58.8 88.2

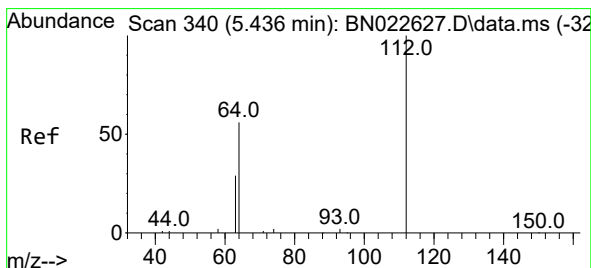
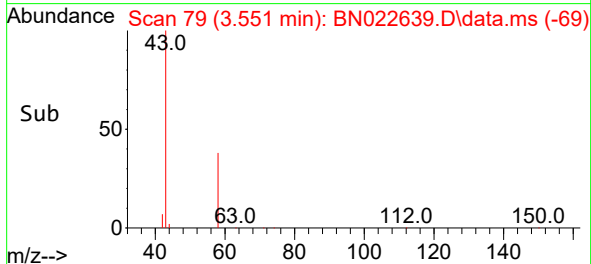
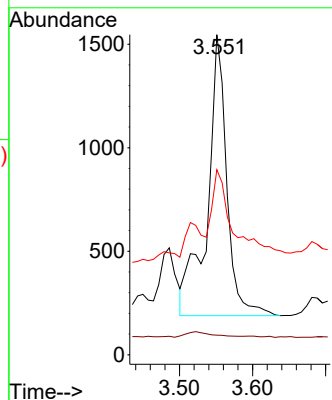
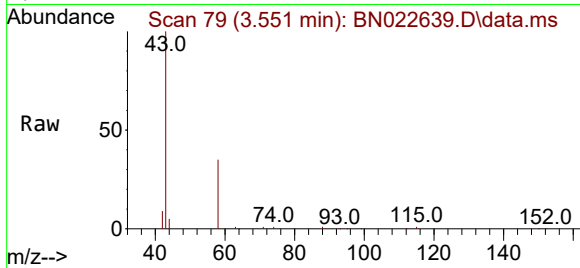




#3
 n-Nitrosodimethylamine
 Concen: 0.781 ng
 RT: 3.551 min Scan# 74
 Delta R.T. -0.029 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

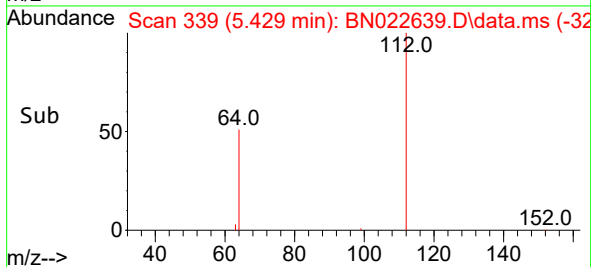
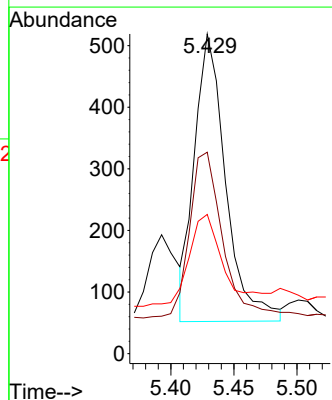
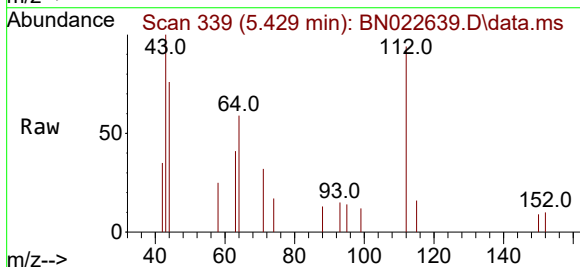
Instrument :
 BNA_N
 ClientSampleId :
 MW-14

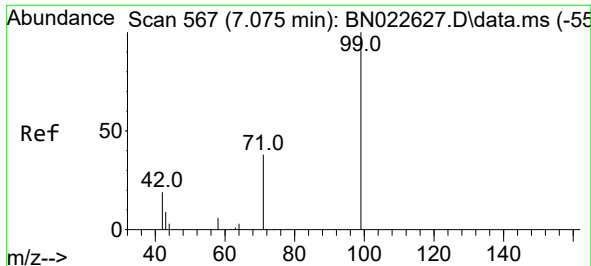
Tgt Ion: 42 Resp: 2515
 Ion Ratio Lower Upper
 42 100
 74 0.0 101.3 151.9#
 44 30.5 7.4 11.0#



#4
 2-Fluorophenol
 Concen: 0.131 ng
 RT: 5.429 min Scan# 339
 Delta R.T. 0.000 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

Tgt Ion: 112 Resp: 804
 Ion Ratio Lower Upper
 112 100
 64 63.2 49.8 74.6
 63 35.6 26.0 39.0

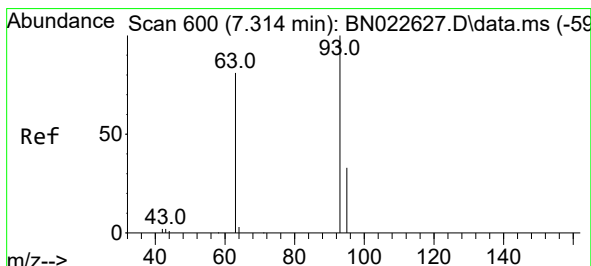
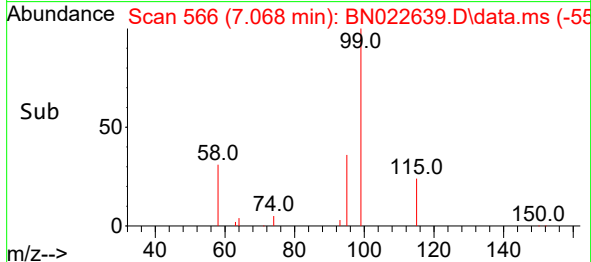
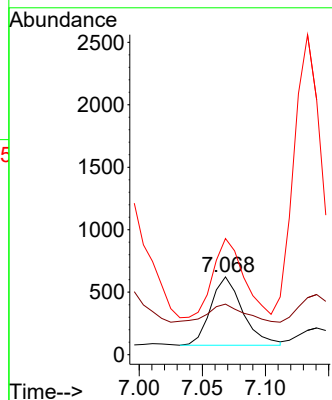
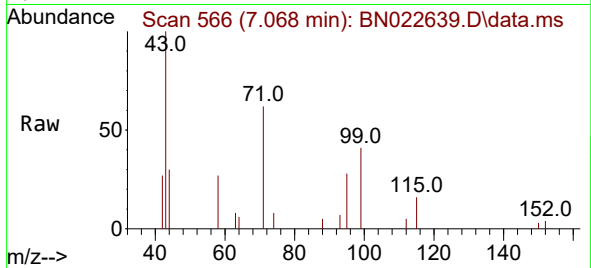




#5
Phenol-d6
Concen: 0.127 ng
RT: 7.068 min Scan# 501
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

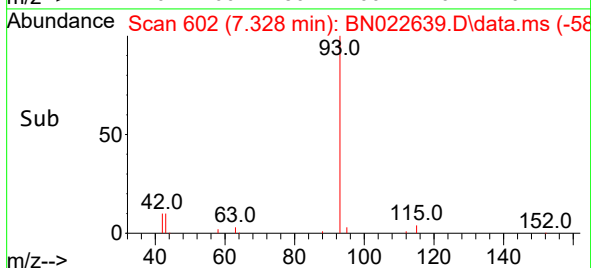
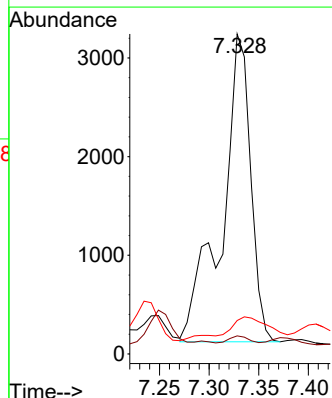
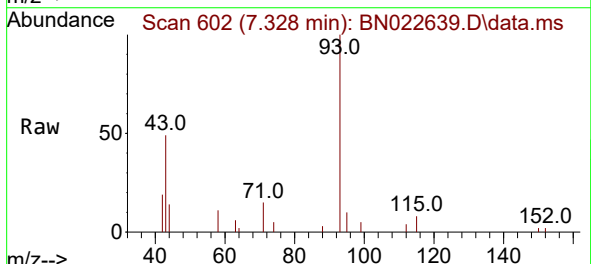
Instrument :
BNA_N
ClientSampleId :
MW-14

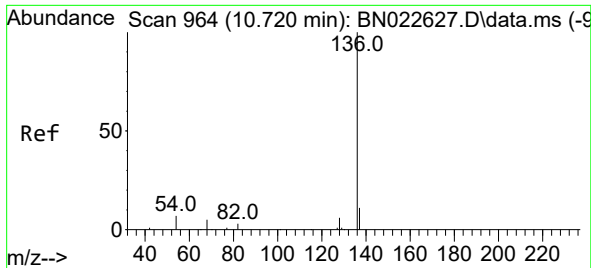
Tgt Ion: 99 Resp: 967
Ion Ratio Lower Upper
99 100
42 28.3 16.9 25.3#
71 111.2 30.2 45.4#



#6
bis(2-Chloroethyl)ether
Concen: 0.960 ng
RT: 7.328 min Scan# 602
Delta R.T. 0.015 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

Tgt Ion: 93 Resp: 6299
Ion Ratio Lower Upper
93 100
63 1.5 62.5 93.7#
95 11.9 26.1 39.1#

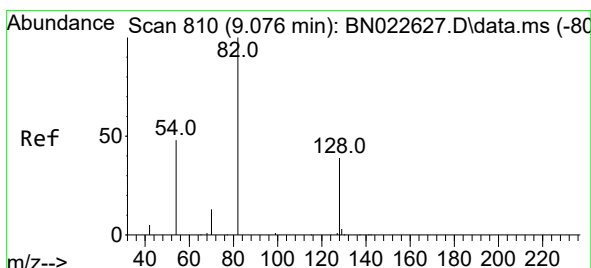
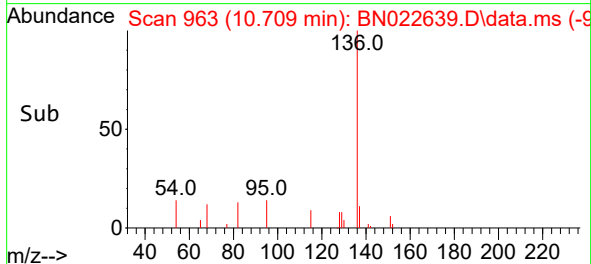
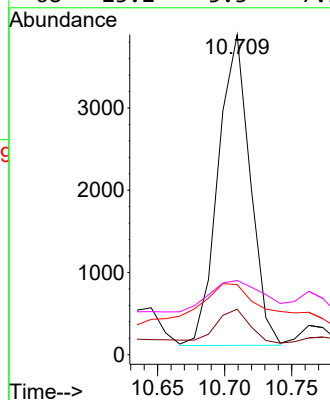
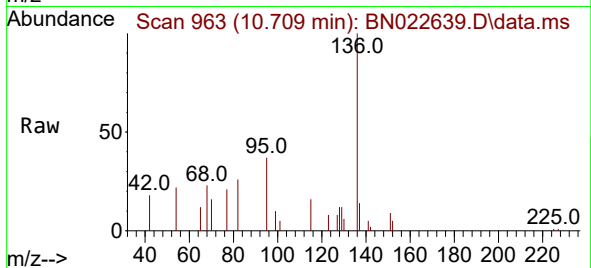




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.709 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

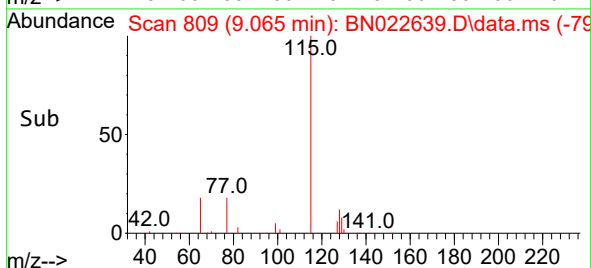
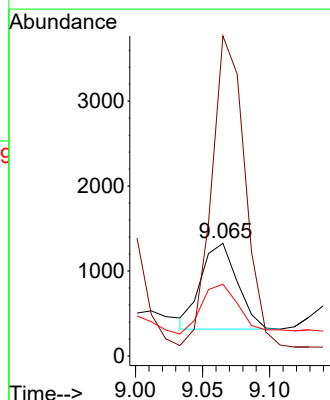
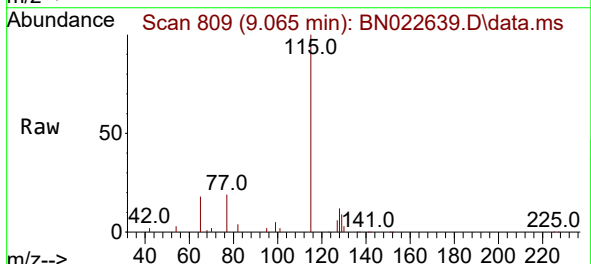
Instrument :
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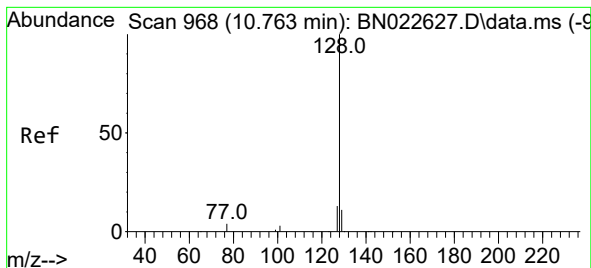
Tgt Ion:136 Resp: 6263
Ion Ratio Lower Upper
136 100
137 14.2 10.0 15.0
54 21.9 7.0 10.4#
68 23.2 5.3 7.9#



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.065 min Scan# 809
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

Tgt Ion: 82 Resp: 1902
Ion Ratio Lower Upper
82 100
128 284.1 34.6 51.8#
54 63.6 40.4 60.6#





#9

Naphthalene

Concen: 7.910 ng

RT: 10.752 min Scan# 9

Delta R.T. -0.011 min

Lab File: BN022639.D

Acq: 14 Nov 2022 14:33

Instrument :

BNA_N

ClientSampleId :

MW-14

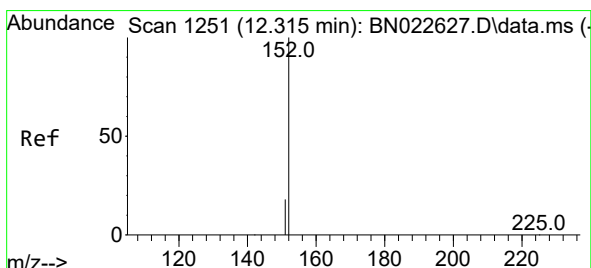
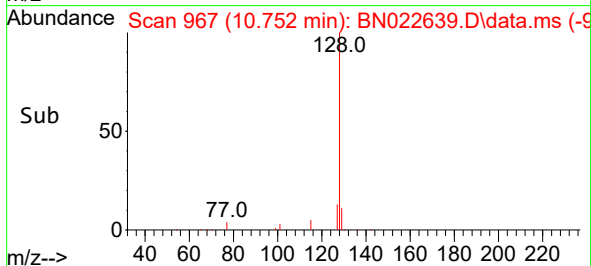
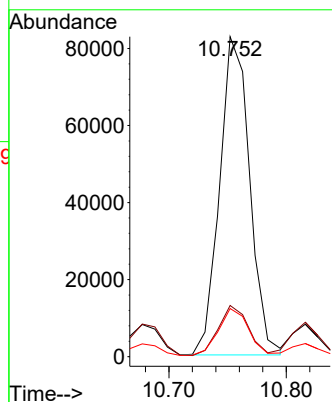
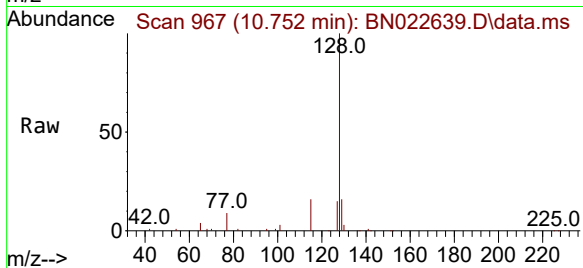
Tgt Ion:128 Resp: 147031

Ion Ratio Lower Upper

128 100

129 16.0 9.9 14.9#

127 15.1 11.4 17.2



#11

2-Methylnaphthalene-d10

Concen: 0.065 ng

RT: 12.221 min Scan# 1226

Delta R.T. -0.091 min

Lab File: BN022639.D

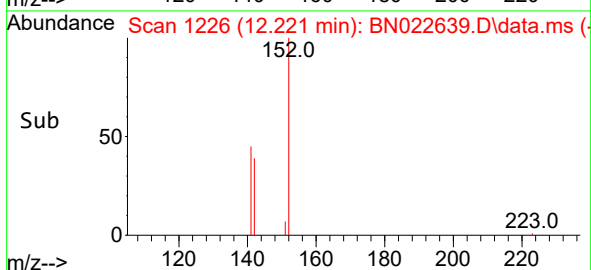
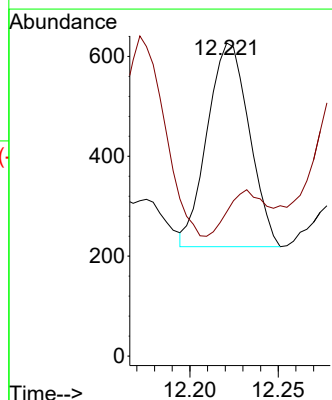
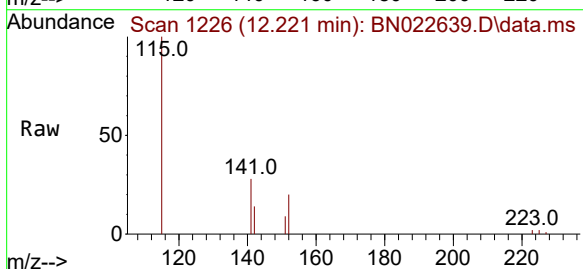
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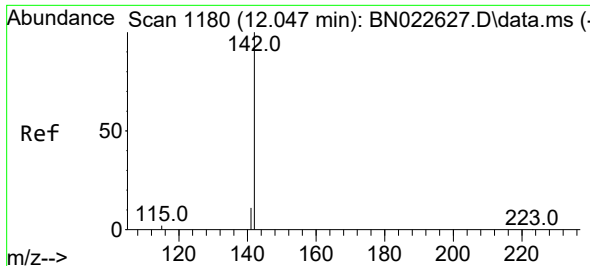
Tgt Ion:152 Resp: 672

Ion Ratio Lower Upper

152 100

151 22.3 16.3 24.5

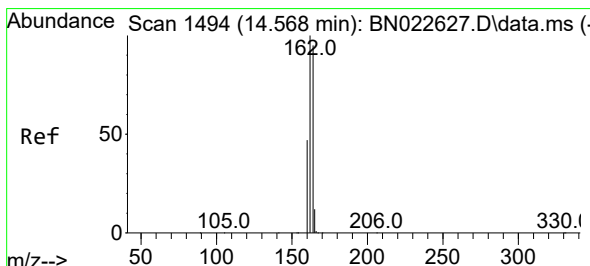
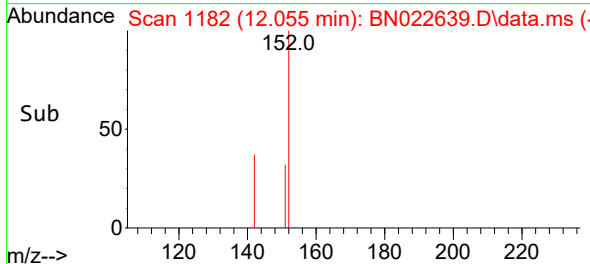
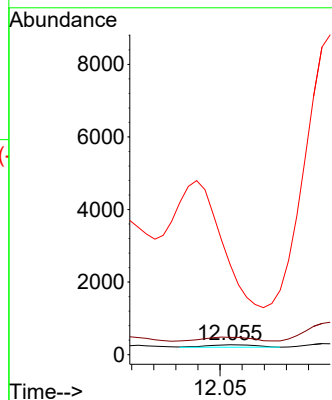
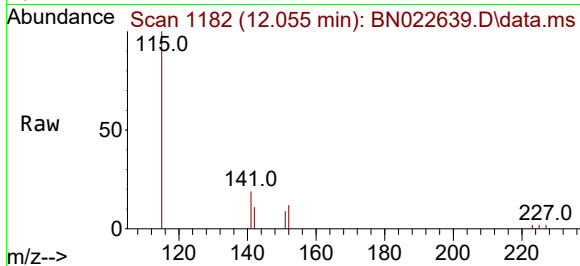




#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.055 min Scan# 1180
Delta R.T. 0.011 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

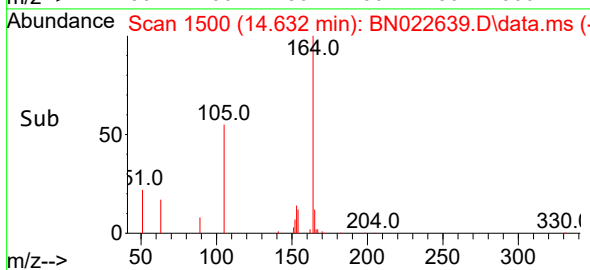
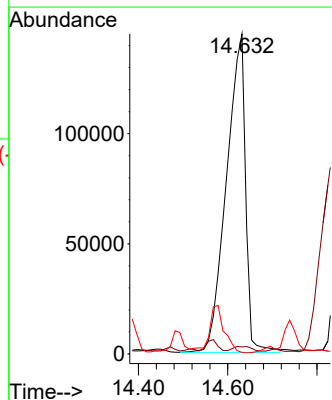
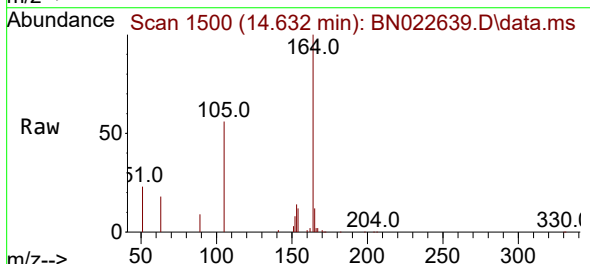
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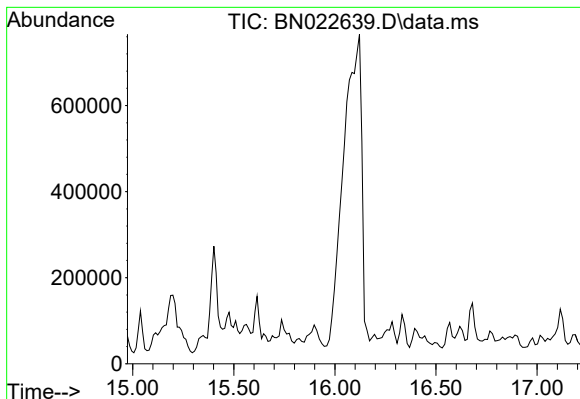
Tgt Ion:142 Resp: 101
Ion Ratio Lower Upper
142 100
141 174.5 14.9 22.3#
115 907.7 11.3 16.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.632 min Scan# 1500
Delta R.T. 0.075 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

Tgt Ion:164 Resp: 428522
Ion Ratio Lower Upper
164 100
162 2.2 84.1 126.1#
160 0.5 40.2 60.2#

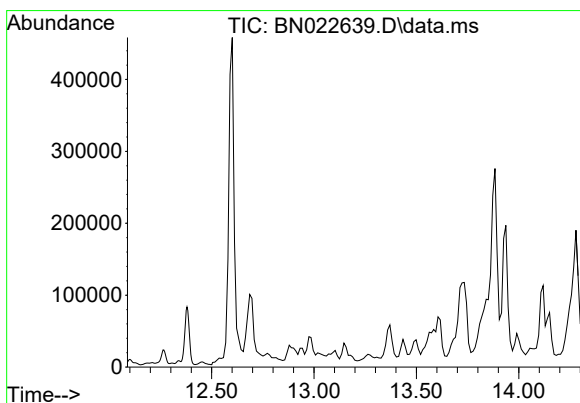
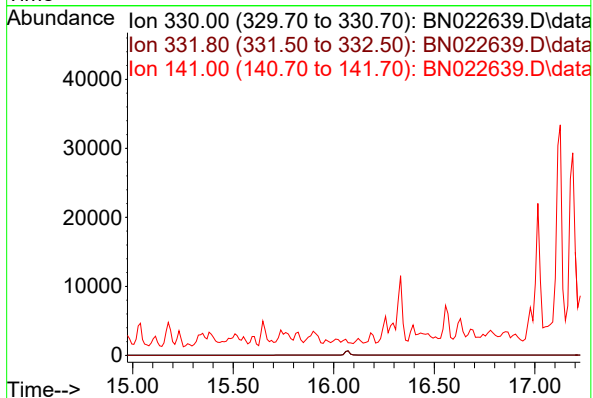




#14
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.07 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

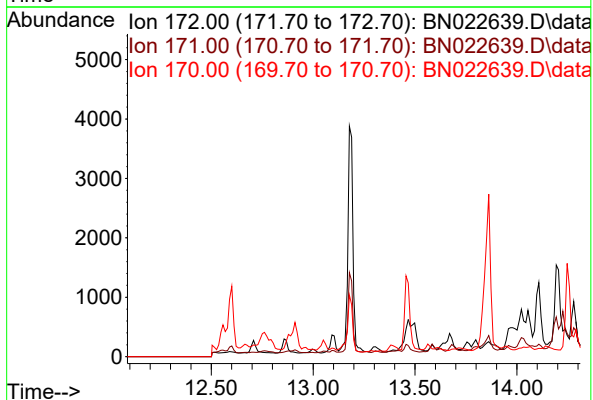
Instrument :
 BNA_N
 ClientSampleId :
 MW-14

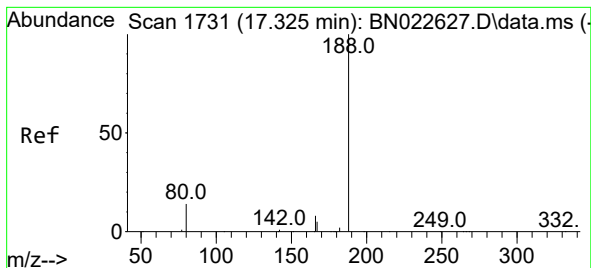
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.5
 141 57.7



#15
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.19 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.2
 170 25.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.387 min Scan# 1

Delta R.T. 0.062 min

Lab File: BN022639.D

Acq: 14 Nov 2022 14:33

Instrument :

BNA_N

ClientSampleId :

MW-14

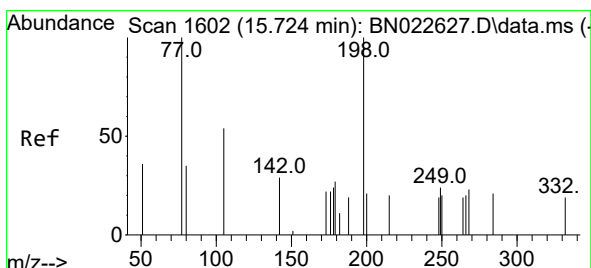
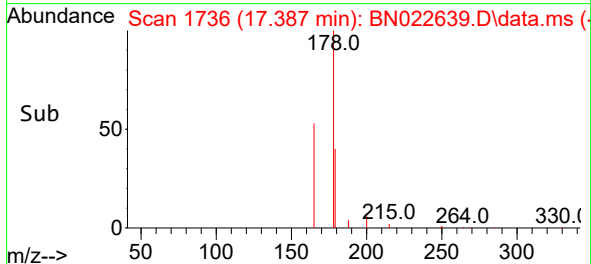
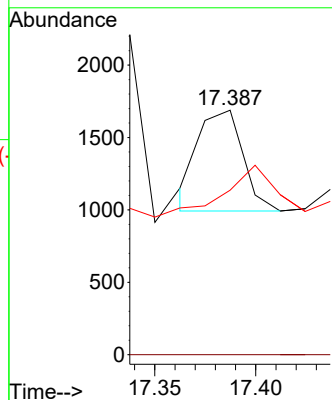
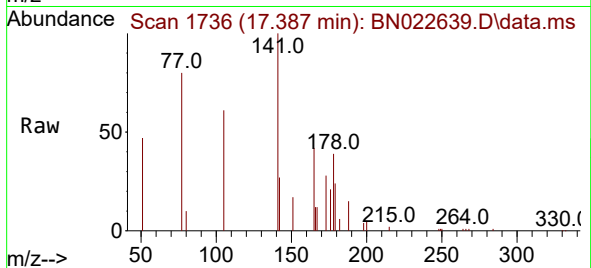
Tgt Ion:188 Resp: 1067

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 67.3 12.6 19.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 9.989 ng

RT: 15.761 min Scan# 1605

Delta R.T. 0.037 min

Lab File: BN022639.D

Acq: 14 Nov 2022 14:33

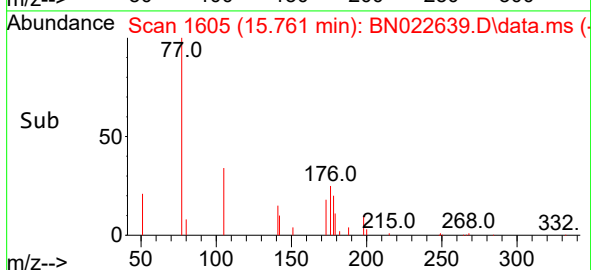
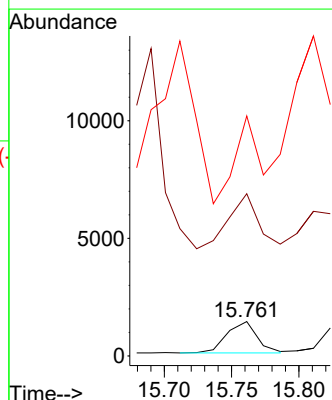
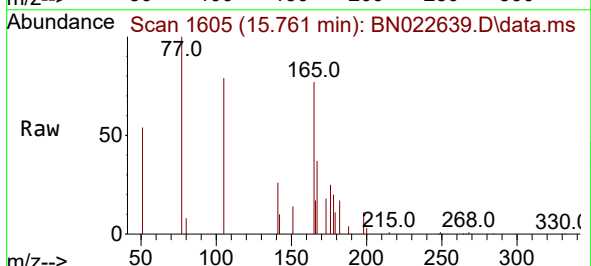
Tgt Ion:198 Resp: 2088

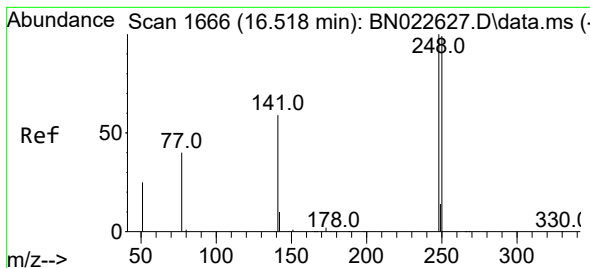
Ion Ratio Lower Upper

198 100

51 472.0 266.5 399.7#

105 698.3 64.5 96.7#

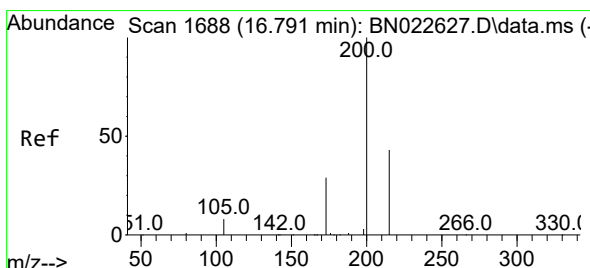
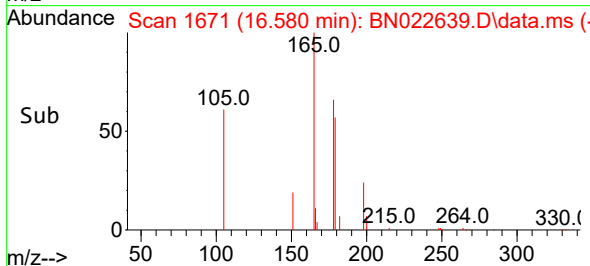
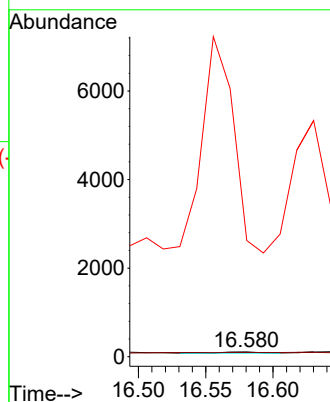
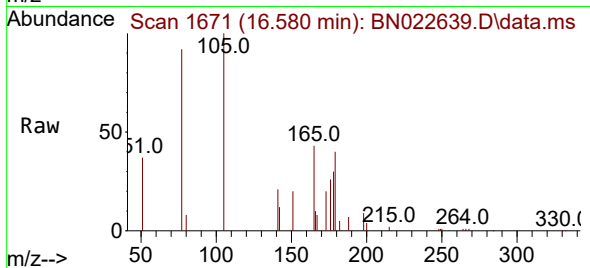




#21
4-Bromophenyl-phenylether
Concen: 0.087 ng
RT: 16.580 min Scan# 1671
Delta R.T. 0.075 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

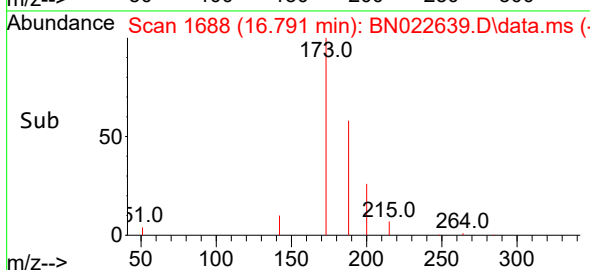
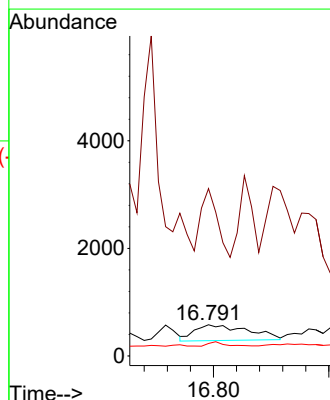
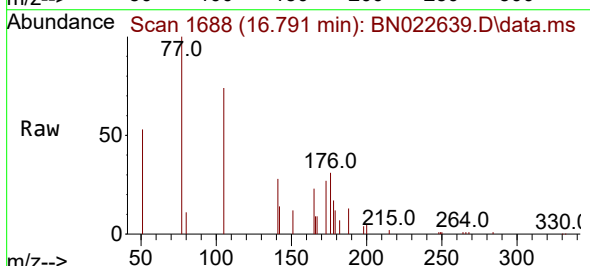
Instrument :
BNA_N
ClientSampleId :
MW-14

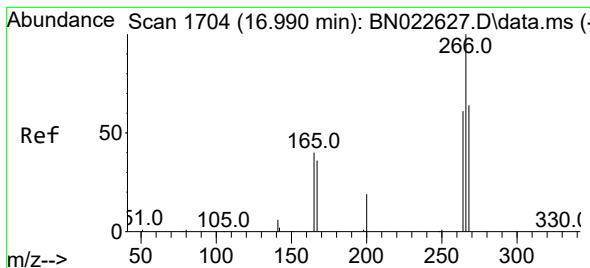
Tgt Ion:248 Resp: 55
Ion Ratio Lower Upper
248 100
250 87.2 79.8 119.6
141 2405.5 49.8 74.8#



#23
Atrazine
Concen: 3.127 ng
RT: 16.791 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

Tgt Ion:200 Resp: 1895
Ion Ratio Lower Upper
200 100
173 536.4 26.2 39.4#
215 40.3 36.4 54.6





#24

Pentachlorophenol

Concen: 0.093 ng

RT: 16.978 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN022639.D

Acq: 14 Nov 2022 14:33

Instrument :

BNA_N

ClientSampleId :

MW-14

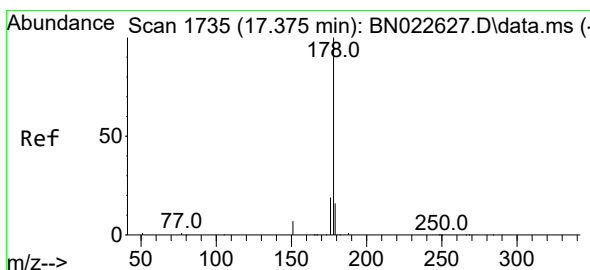
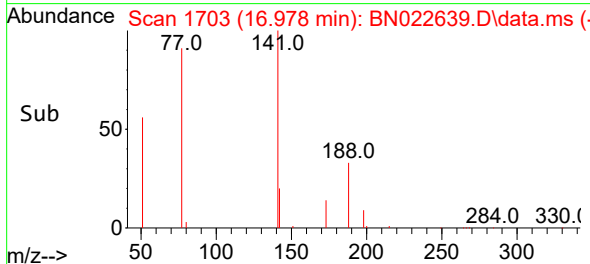
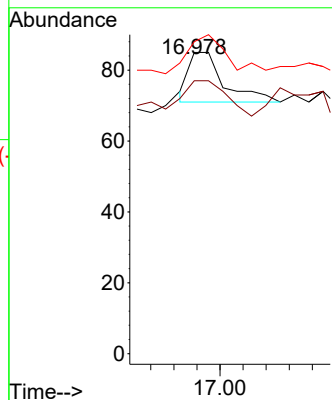
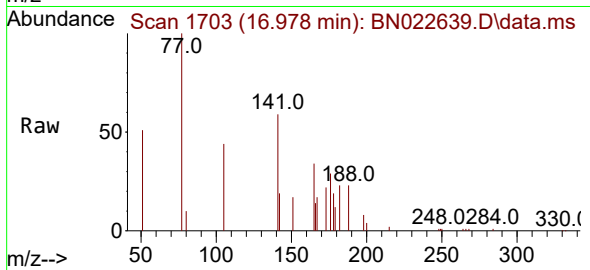
Tgt Ion:266 Resp: 30

Ion Ratio Lower Upper

266 100

264 73.3 49.6 74.4

268 63.3 50.9 76.3



#25

Phenanthrene

Concen: 23.843 ng

RT: 17.362 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN022639.D

Acq: 14 Nov 2022 14:33

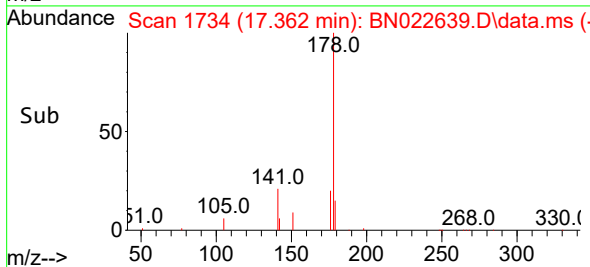
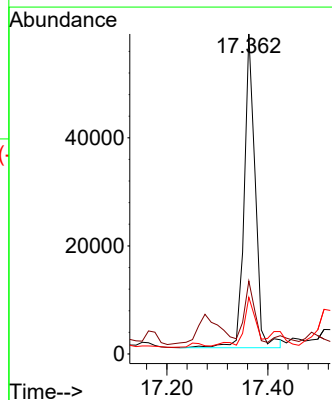
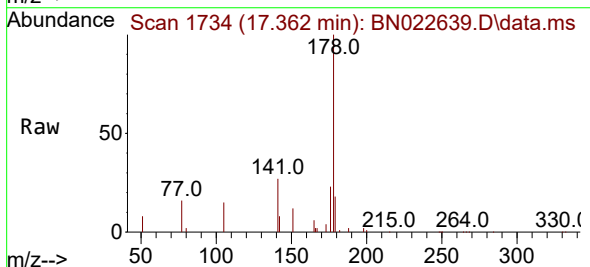
Tgt Ion:178 Resp: 88275

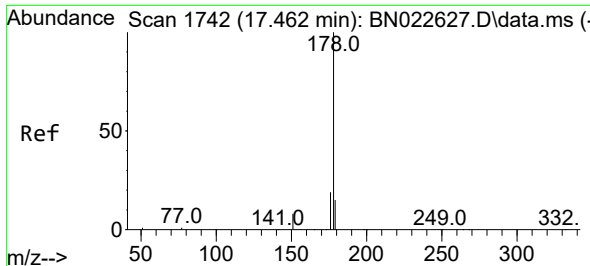
Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 17.6 12.6 19.0

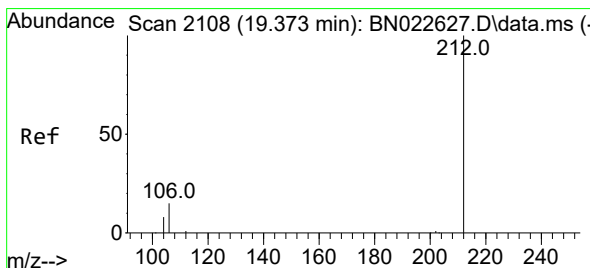
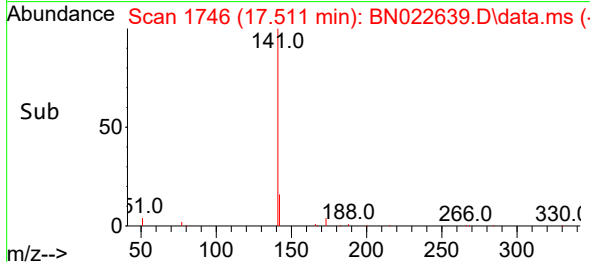
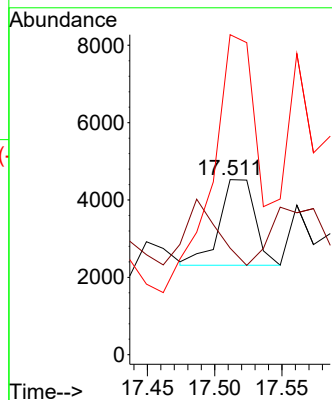
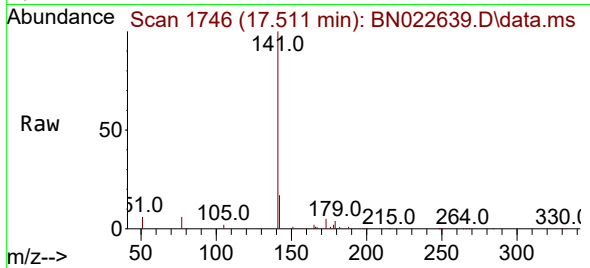




#26
 Anthracene
 Concen: 1.330 ng
 RT: 17.511 min Scan# 11
 Delta R.T. 0.050 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

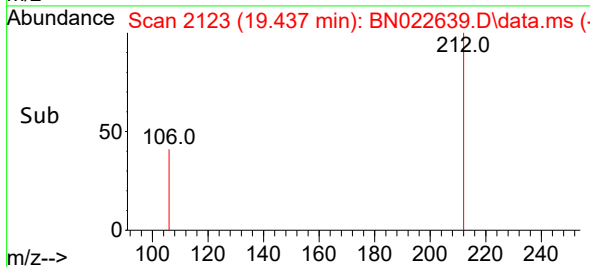
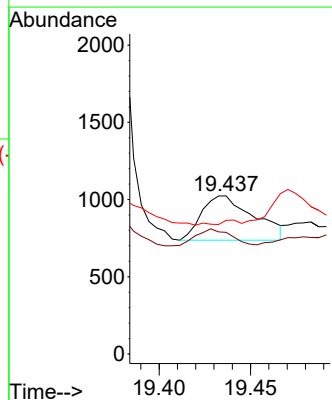
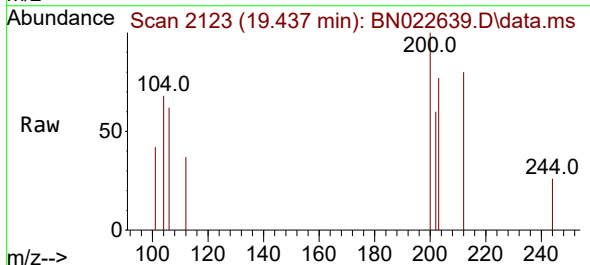
Instrument :
 BNA_N
 ClientSampleId :
 MW-14

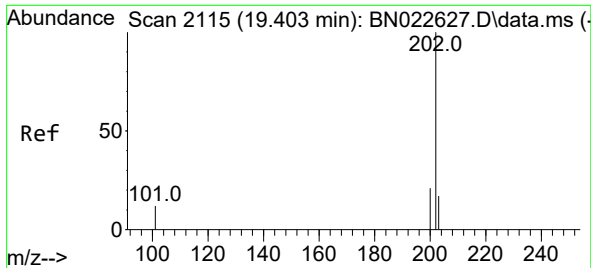
Tgt Ion:178 Resp: 4093
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.1 22.7#
 179 375.4 11.7 17.5#



#27
 Fluoranthene-d10
 Concen: 0.184 ng
 RT: 19.437 min Scan# 2123
 Delta R.T. 0.072 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

Tgt Ion:212 Resp: 570
 Ion Ratio Lower Upper
 212 100
 106 35.1 13.3 19.9#
 104 0.0 7.8 11.8#

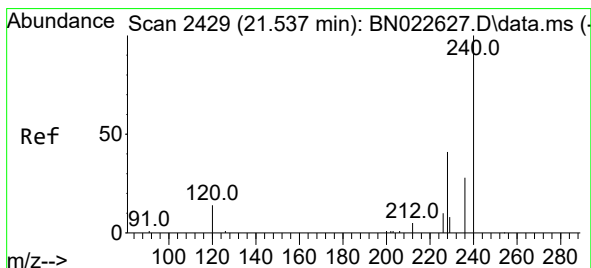
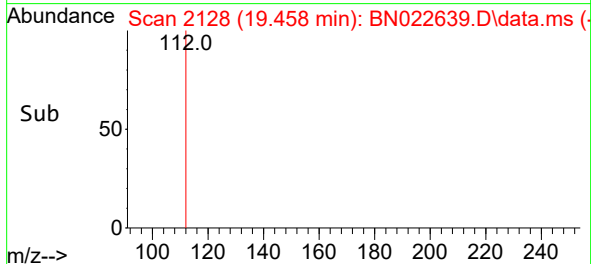
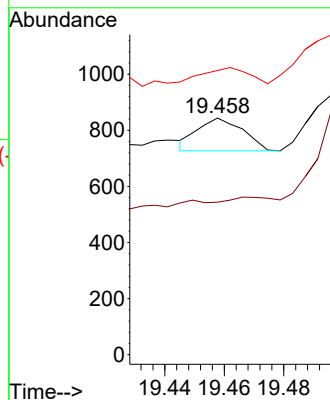
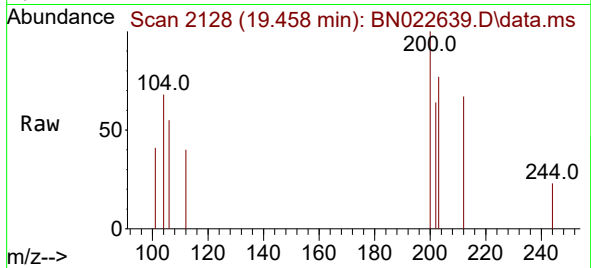




#28
Fluoranthene
Concen: 0.032 ng
RT: 19.458 min Scan# 2115
Delta R.T. 0.063 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

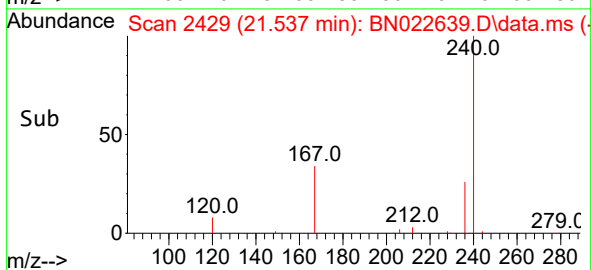
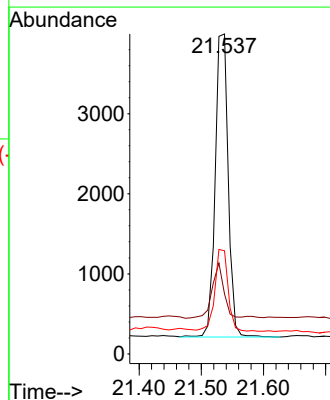
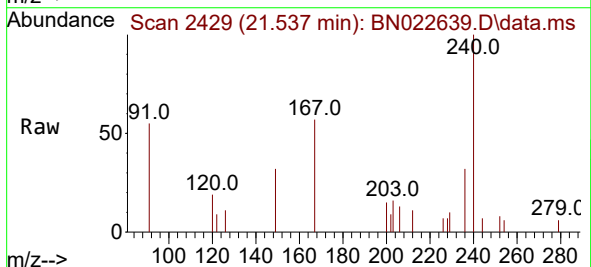
Instrument :
BNA_N
ClientSampleId :
MW-14

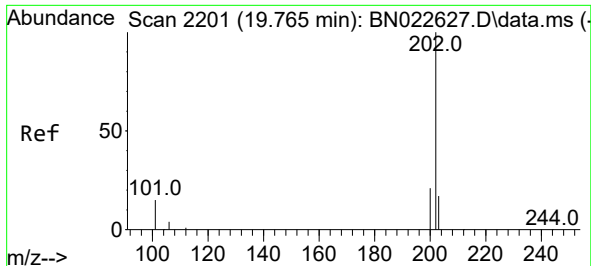
Tgt Ion:202 Resp: 124
Ion Ratio Lower Upper
202 100
101 0.0 10.4 15.6#
203 49.2 13.9 20.9#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.537 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

Tgt Ion:240 Resp: 5502
Ion Ratio Lower Upper
240 100
120 18.7 14.0 21.0
236 32.2 23.4 35.2

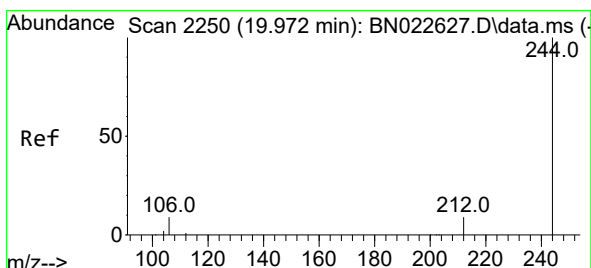
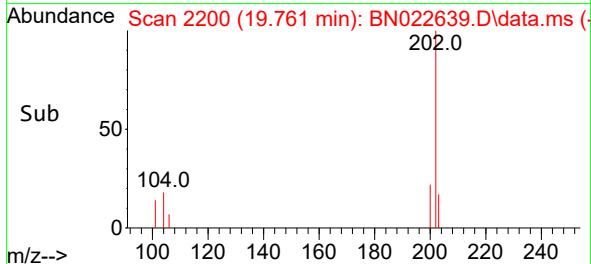
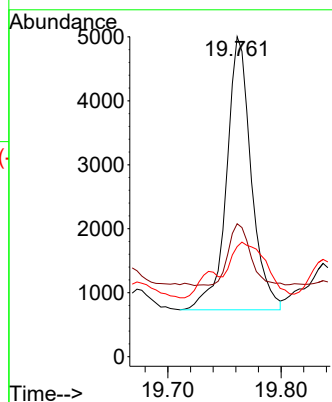
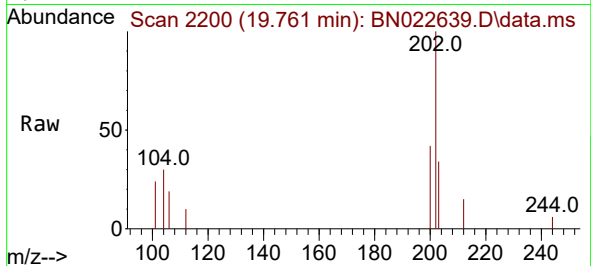




#30
 Pyrene
 Concen: 0.281 ng
 RT: 19.761 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

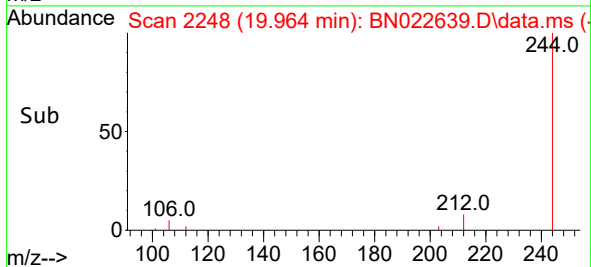
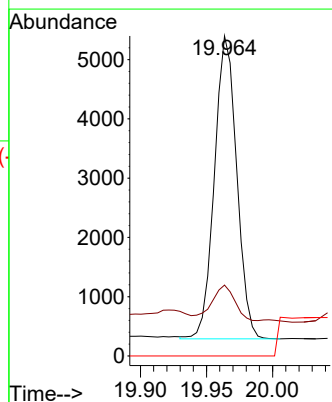
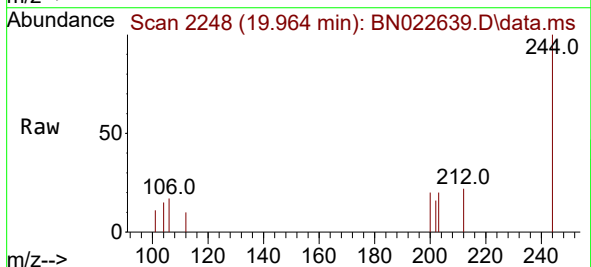
Instrument :
 BNA_N
 ClientSampleId :
 MW-14

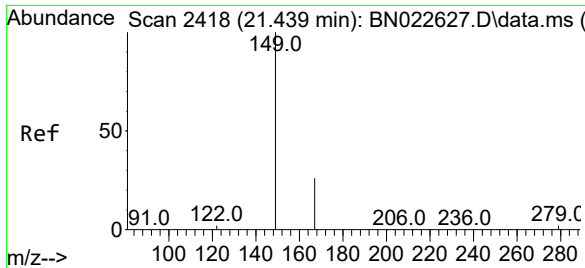
Tgt Ion:202 Resp: 6472
 Ion Ratio Lower Upper
 202 100
 200 20.1 17.0 25.4
 203 26.5 14.6 22.0#



#31
 Terphenyl-d14
 Concen: 0.358 ng
 RT: 19.964 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

Tgt Ion:244 Resp: 5997
 Ion Ratio Lower Upper
 244 100
 212 22.2 8.3 12.5#
 122 0.0 0.0 0.0

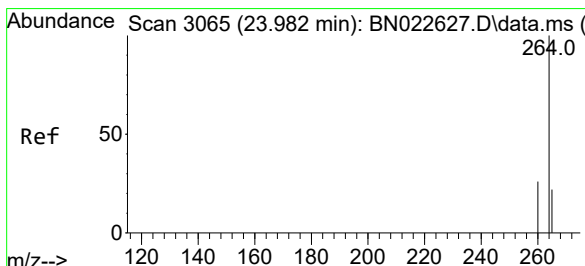
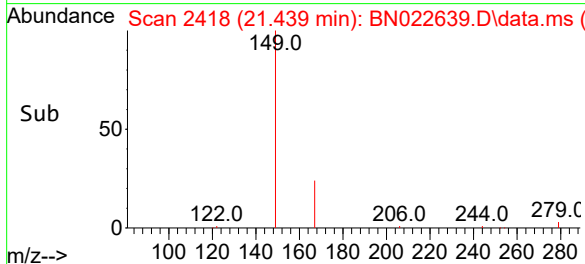
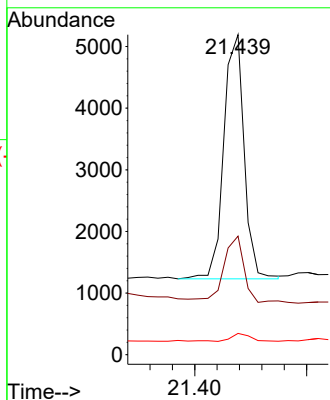
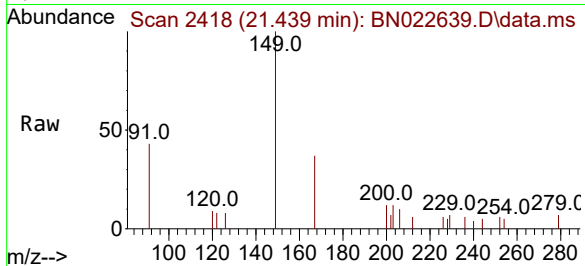




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.326 ng
 RT: 21.439 min Scan# 2418
 Delta R.T. 0.000 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

Instrument :
 BNA_N
 ClientSampleId :
 MW-14

Tgt Ion:149 Resp: 5017
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.1 31.7
 279 2.9 2.8 4.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.964 min Scan# 3059
 Delta R.T. -0.003 min
 Lab File: BN022639.D
 Acq: 14 Nov 2022 14:33

Tgt Ion:264 Resp: 4220
 Ion Ratio Lower Upper
 264 100
 260 28.8 22.0 33.0
 265 90.6 60.6 90.8

