

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
 Data File : BN020528.D
 Acq On : 28 Jun 2022 10:30
 Operator : CG/JU
 Sample : N3354-15RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-59RE

Quant Time: Jun 28 23:49:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

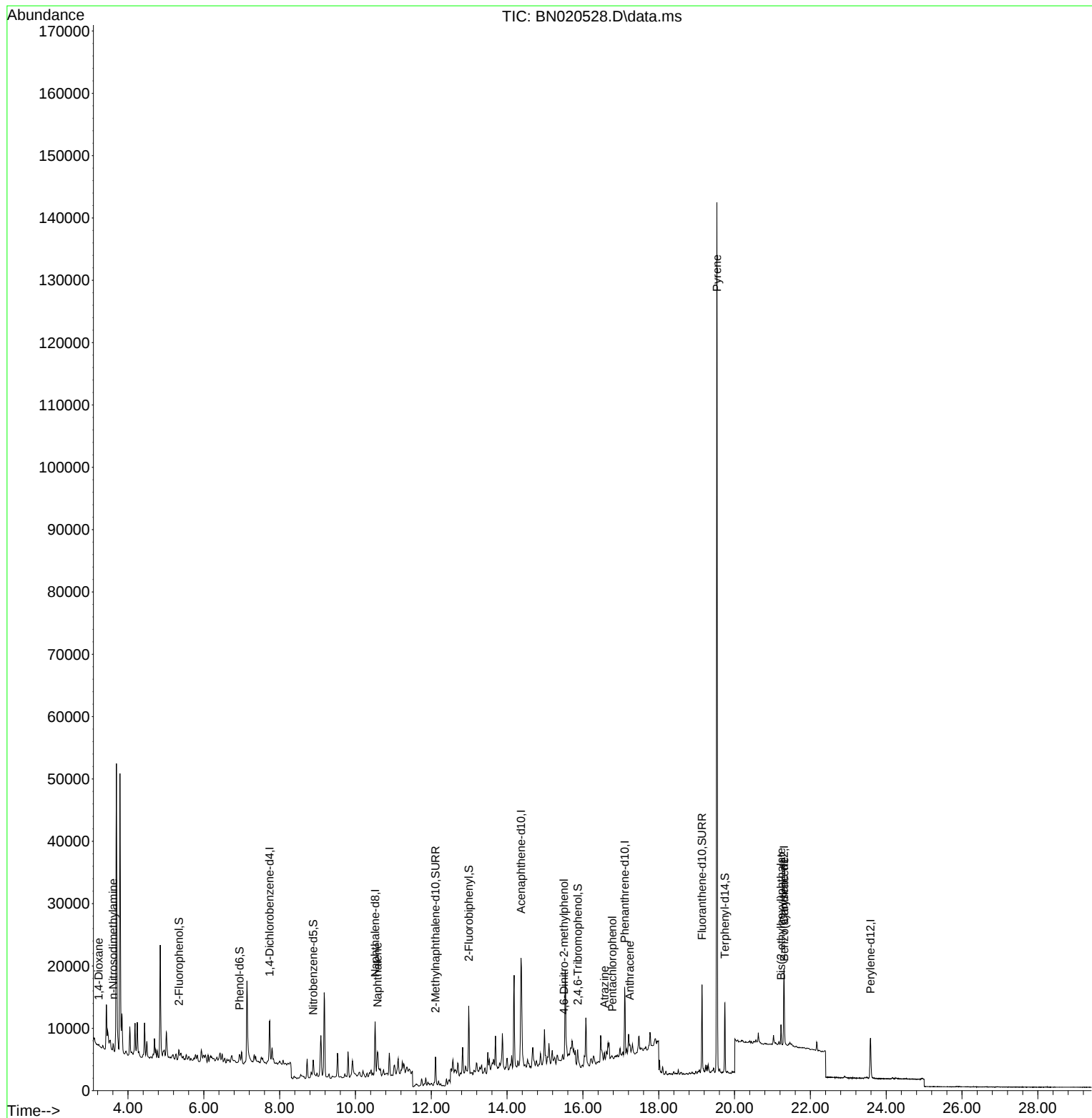
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3319	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	11060	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	14404	0.400	ng	# 0.00
19) Phenanthrene-d10	17.102	188	13451	0.400	ng	#-0.01
29) Chrysene-d12	21.306	240	11222	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	9115	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1464	0.159	ng	0.00
5) Phenol-d6	6.944	99	1199	0.109	ng	0.00
8) Nitrobenzene-d5	8.886	82	2973	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.110	152	6719	0.354	ng	-0.01
14) 2,4,6-Tribromophenol	15.861	330	1166	0.215	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	9328	0.157	ng	-0.01
27) Fluoranthene-d10	19.143	212	15190	0.380	ng	0.00
31) Terphenyl-d14	19.746	244	12154	0.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	97	0.022	ng	# 1
3) n-Nitrosodimethylamine	3.608	42	761	0.192	ng	# 8
9) Naphthalene	10.584	128	1905	0.058	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.500	198	26	0.235	ng	# 1
23) Atrazine	16.569	200	303	0.049	ng	# 1
24) Pentachlorophenol	16.774	266	31	0.195	ng	# 87
26) Anthracene	17.236	178	1651	0.042	ng	# 66
30) Pyrene	19.535	202	121881	2.565	ng	99
32) Benzo(a)anthracene	21.315	228	1100	0.027	ng	# 45
34) Bis(2-ethylhexyl)phtha...	21.225	149	2856	0.126	ng	# 97

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

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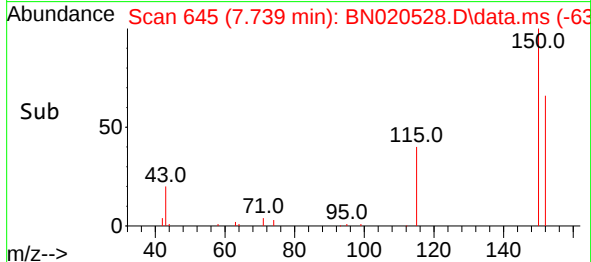
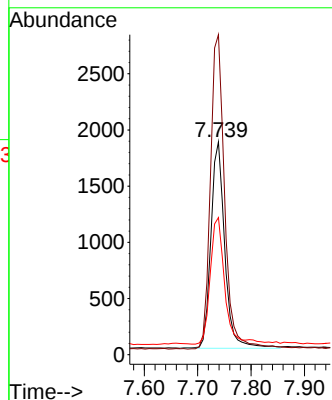
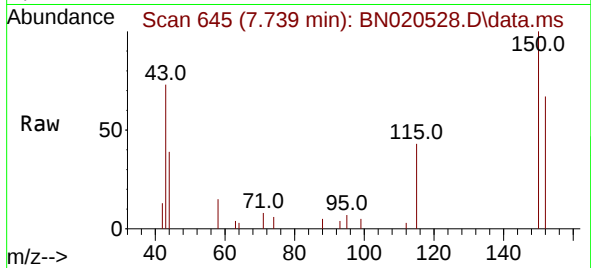




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN020528.D
 Acq: 28 Jun 2022 10:30

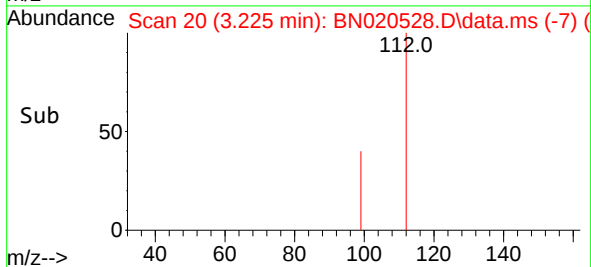
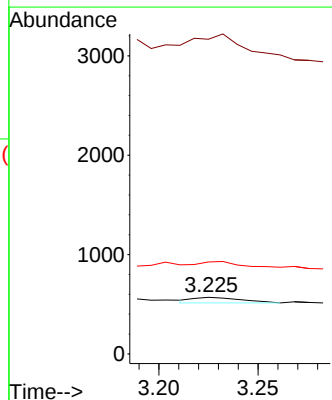
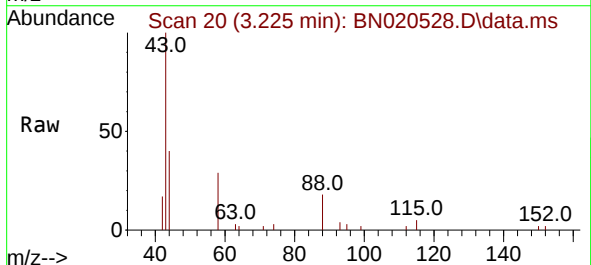
Instrument :
 BNA_N
 ClientSampleId :
 MW-59RE

Tgt Ion:152 Resp: 3319
 Ion Ratio Lower Upper
 152 100
 150 150.4 127.9 191.9
 115 64.4 51.4 77.2



#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN020528.D
 Acq: 28 Jun 2022 10:30

Tgt Ion: 88 Resp: 97
 Ion Ratio Lower Upper
 88 100
 43 464.9 30.2 45.2#
 58 64.9 73.0 109.6#

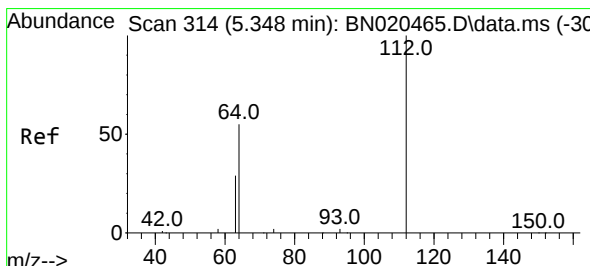
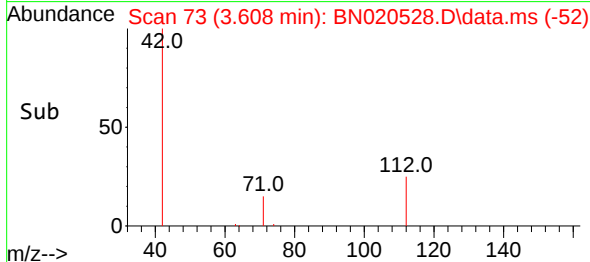
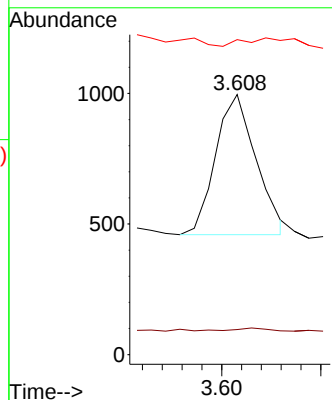
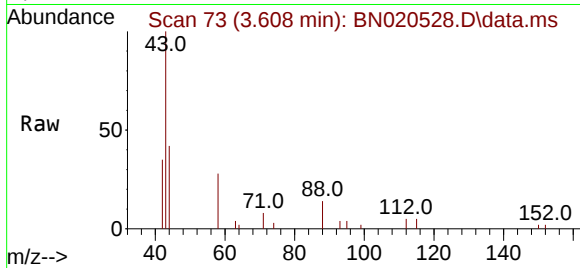




#3
n-Nitrosodimethylamine
Concen: 0.192 ng
RT: 3.608 min Scan# 71
Delta R.T. 0.051 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

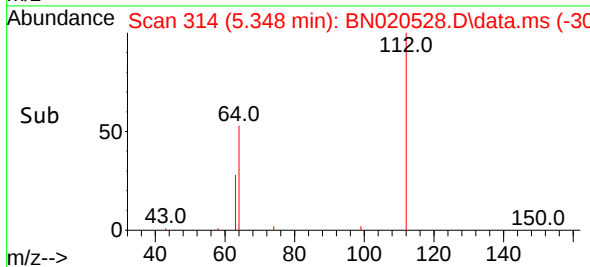
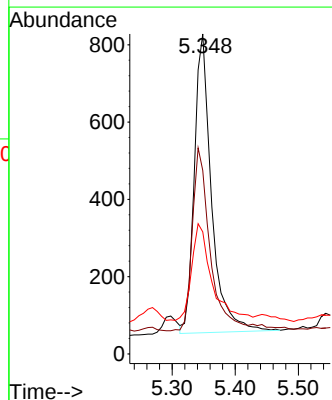
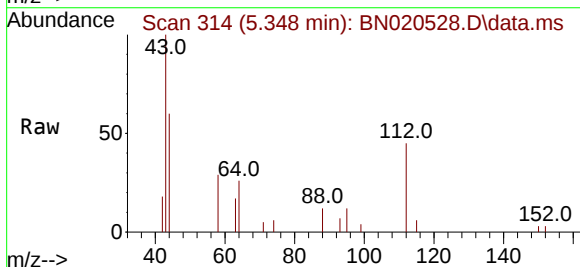
Instrument :
BNA_N
ClientSampleId :
MW-59RE

Tgt Ion: 42 Resp: 761
Ion Ratio Lower Upper
42 100
74 1.3 84.0 126.0#
44 5.5 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

Tgt Ion: 112 Resp: 1464
Ion Ratio Lower Upper
112 100
64 62.7 49.1 73.7
63 37.4 26.3 39.5

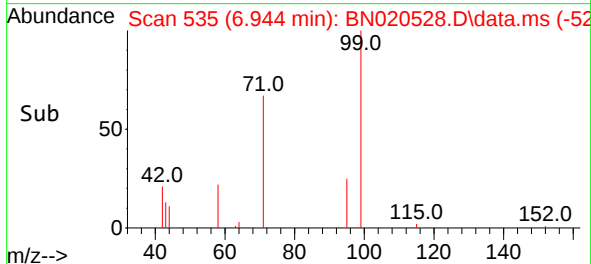
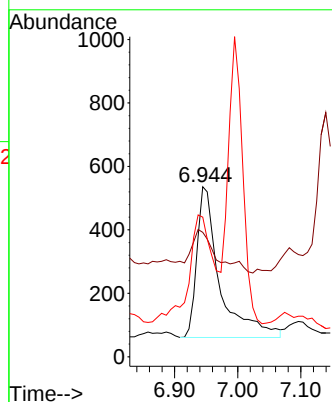
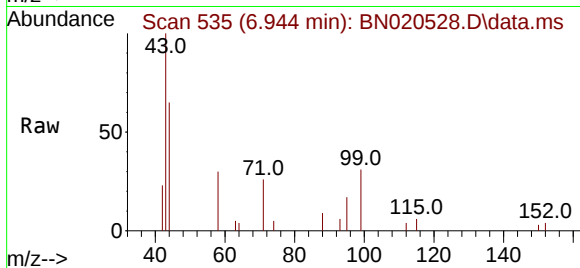




#5
Phenol-d6
Concen: 0.109 ng
RT: 6.944 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

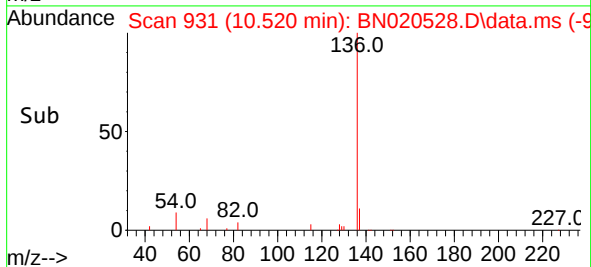
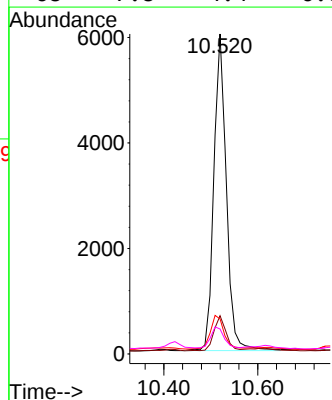
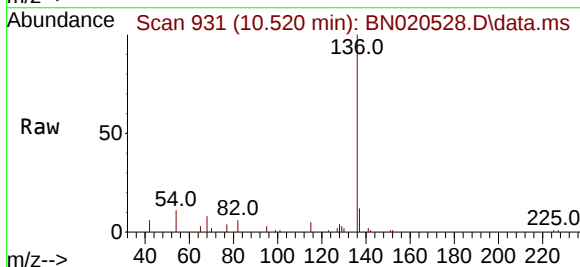
Instrument :
BNA_N
ClientSampleId :
MW-59RE

Tgt Ion: 99 Resp: 1199
Ion Ratio Lower Upper
99 100
42 30.1 19.3 28.9#
71 77.9 27.5 41.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

Tgt Ion: 136 Resp: 11060
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 10.9 6.2 9.2#
68 7.8 4.4 6.6#

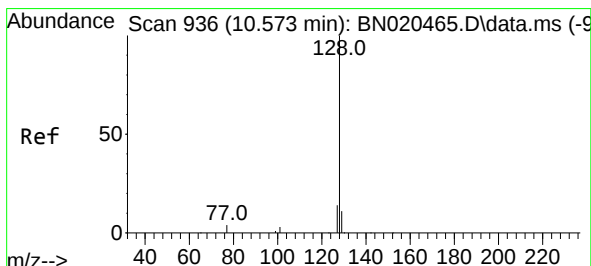
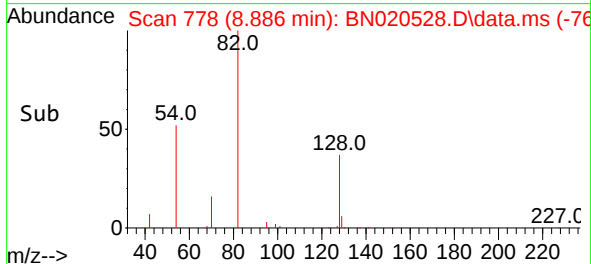
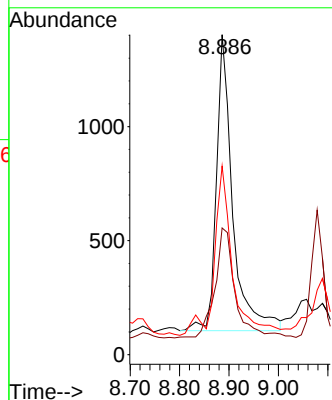
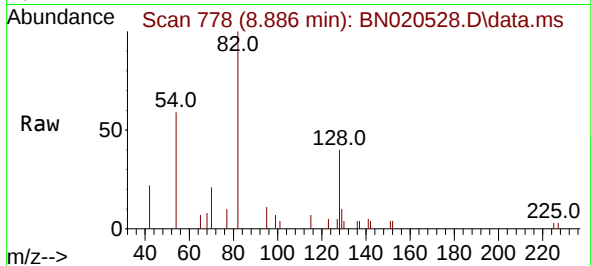




#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.886 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

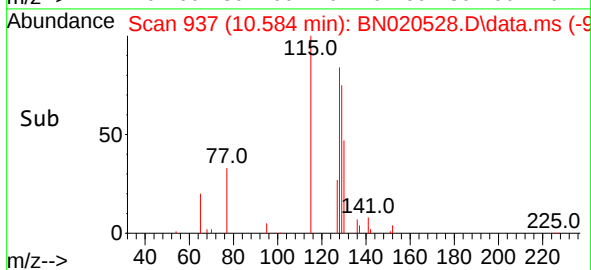
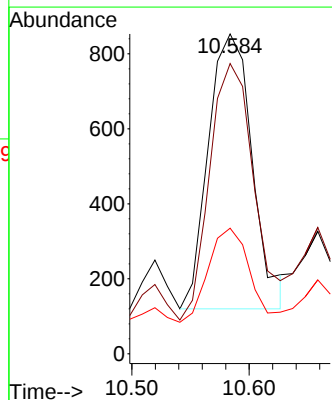
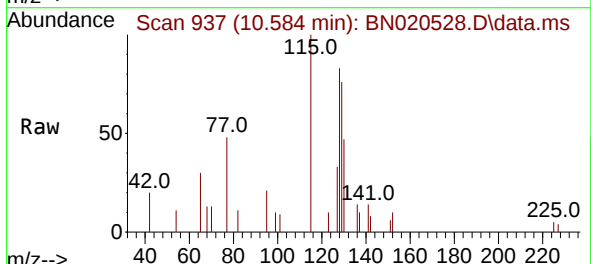
Instrument :
BNA_N
ClientSampleId :
MW-59RE

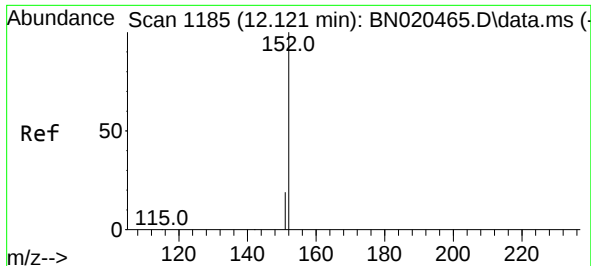
Tgt Ion: 82 Resp: 2973
Ion Ratio Lower Upper
82 100
128 39.6 35.0 52.6
54 58.9 46.2 69.4



#9
Naphthalene
Concen: 0.058 ng
RT: 10.584 min Scan# 937
Delta R.T. 0.011 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

Tgt Ion: 128 Resp: 1905
Ion Ratio Lower Upper
128 100
129 90.7 8.9 13.3#
127 39.3 10.8 16.2#

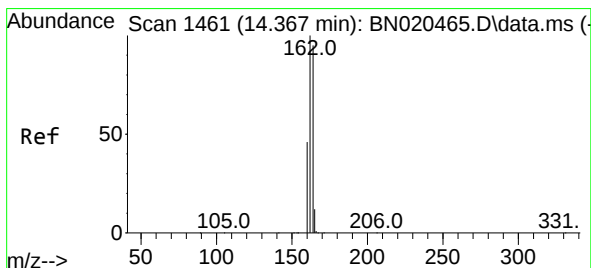
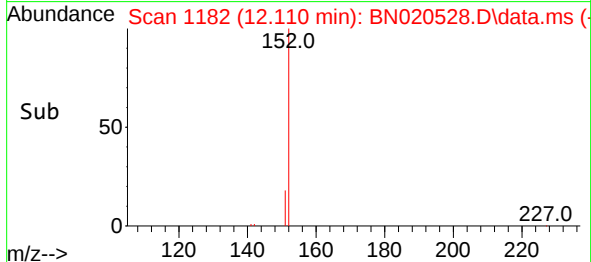
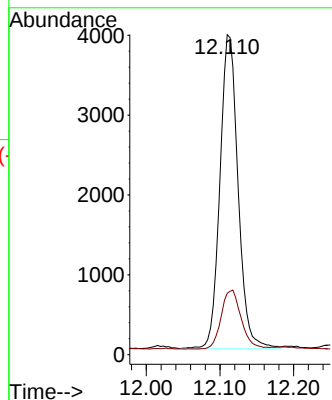
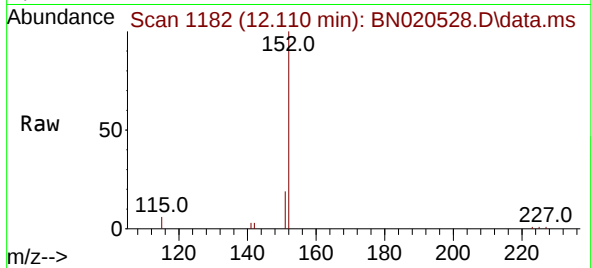




#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.110 min Scan# 1182
Delta R.T. -0.011 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

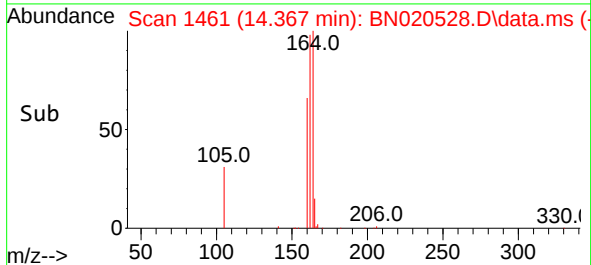
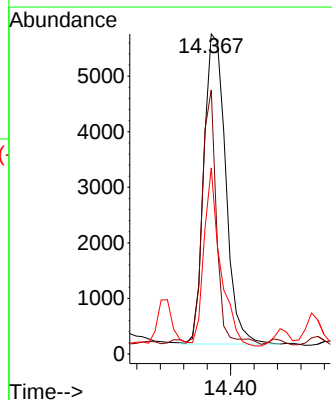
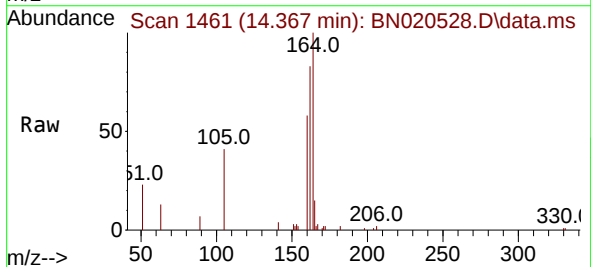
Instrument :
BNA_N
ClientSampleId :
MW-59RE

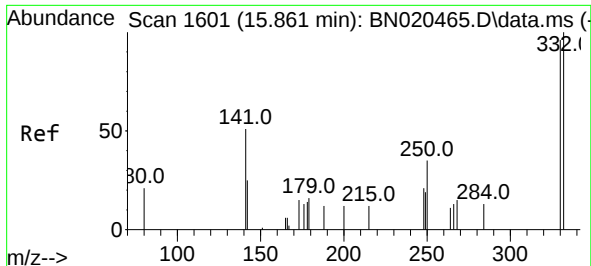
Tgt Ion:152 Resp: 6719
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

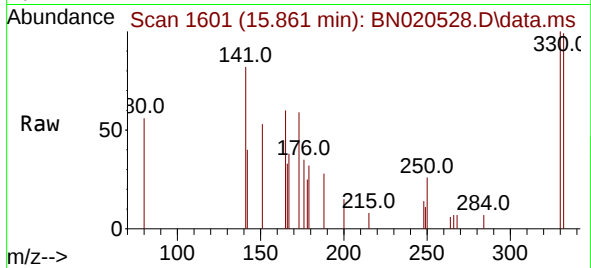
Tgt Ion:164 Resp: 14404
Ion Ratio Lower Upper
164 100
162 82.5 82.1 123.1
160 58.1 38.6 58.0#



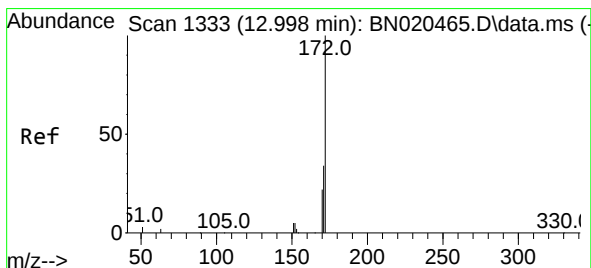
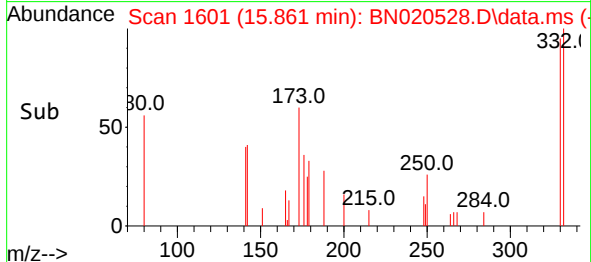
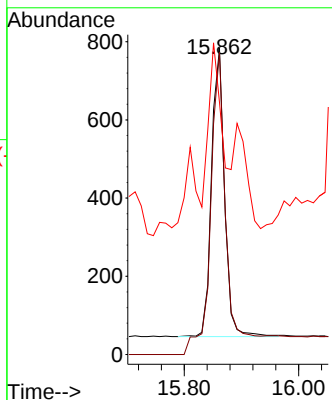


#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 15.861 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

Instrument :
BNA_N
ClientSampleId :
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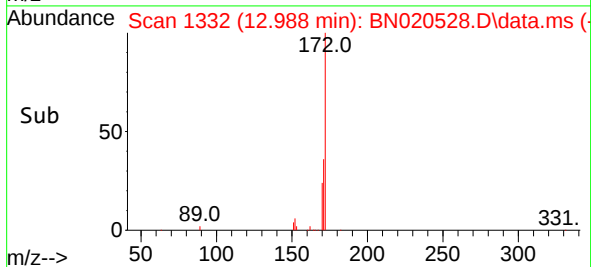
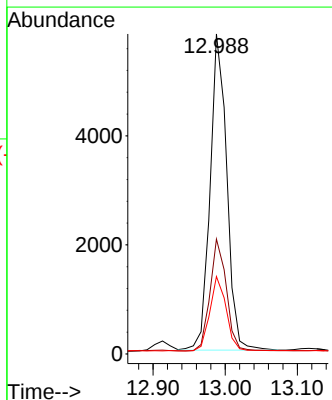
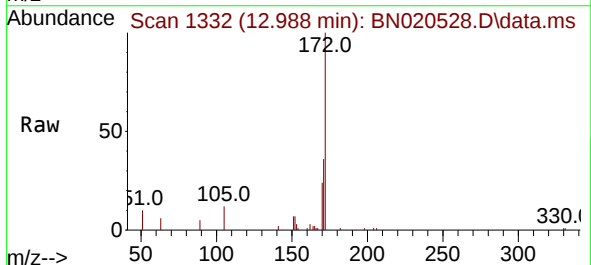


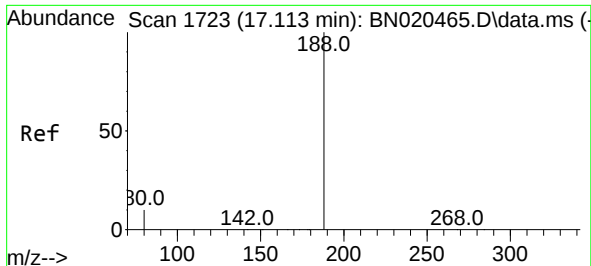
Tgt Ion:330 Resp: 1166
Ion Ratio Lower Upper
330 100
332 127.7 77.6 116.4#
141 71.4 41.0 61.4#



#15
2-Fluorobiphenyl
Concen: 0.157 ng
RT: 12.988 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

Tgt Ion:172 Resp: 9328
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 24.2 18.2 27.4

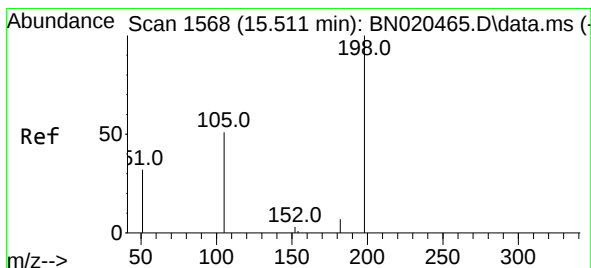
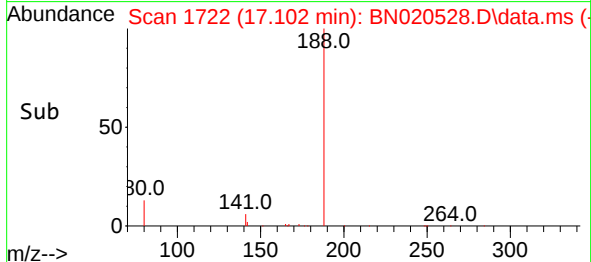
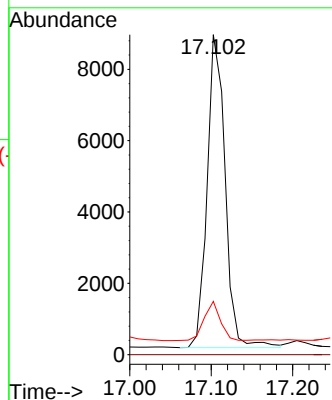
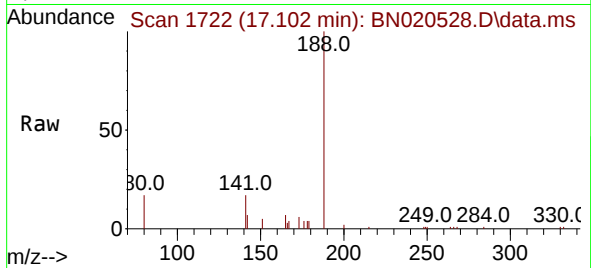




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.102 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

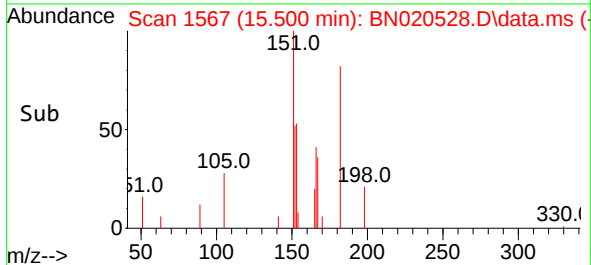
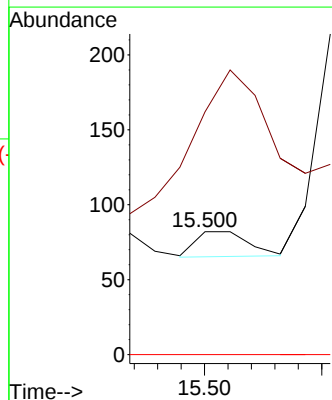
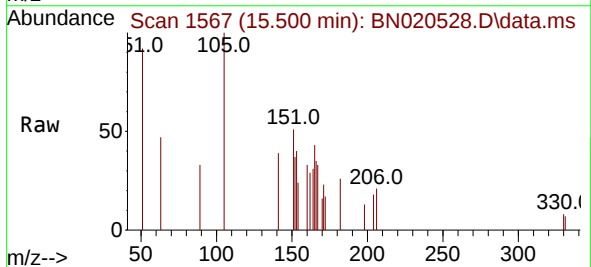
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BNA_N
ClientSampleId :
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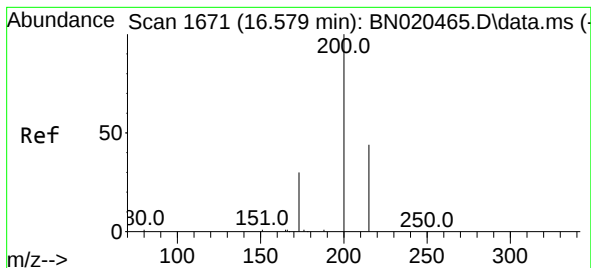
Tgt Ion:188 Resp: 13451
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.6 7.4 11.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.235 ng
RT: 15.500 min Scan# 1567
Delta R.T. -0.011 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
182 197.6 12.1 18.1#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.049 ng

RT: 16.569 min Scan# 1670

Delta R.T. -0.010 min

Lab File: BN020528.D

Acq: 28 Jun 2022 10:30

Instrument :

BNA_N

ClientSampleId :

MW-59RE

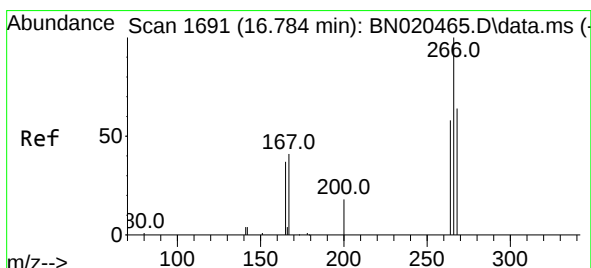
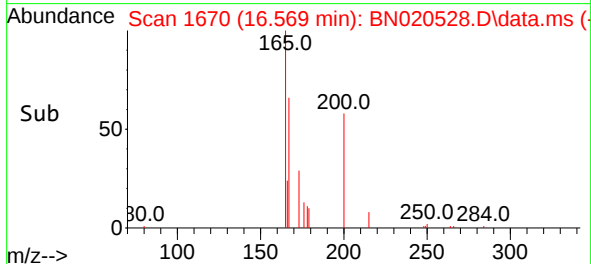
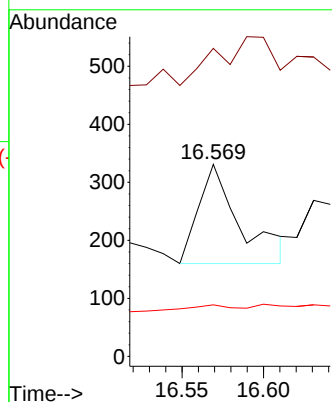
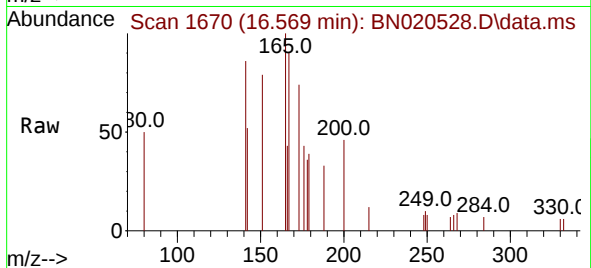
Tgt Ion:200 Resp: 303

Ion Ratio Lower Upper

200 100

173 160.4 23.6 35.4#

215 26.9 36.6 54.8#



#24

Pentachlorophenol

Concen: 0.195 ng

RT: 16.774 min Scan# 1690

Delta R.T. -0.010 min

Lab File: BN020528.D

Acq: 28 Jun 2022 10:30

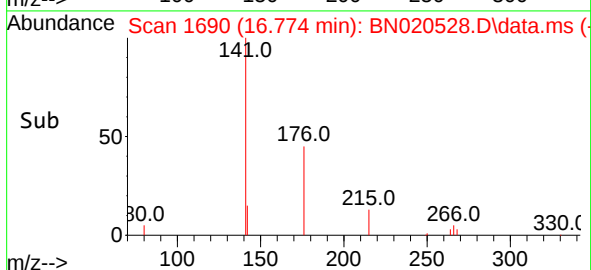
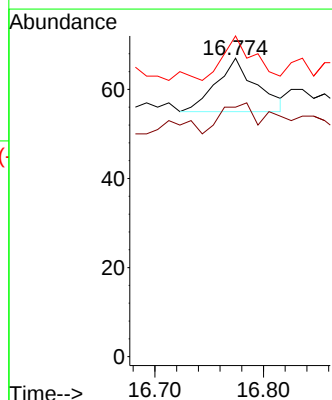
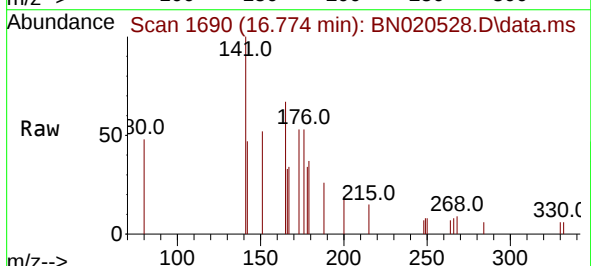
Tgt Ion:266 Resp: 31

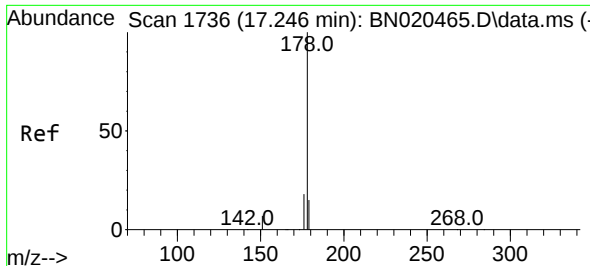
Ion Ratio Lower Upper

266 100

264 45.2 51.3 76.9#

268 64.5 52.6 79.0

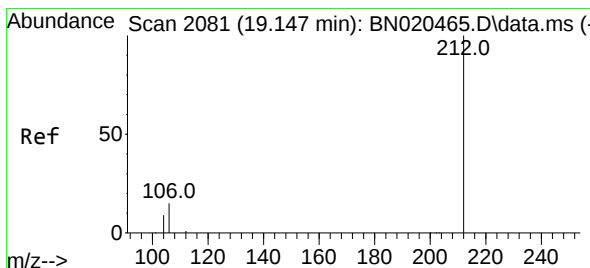
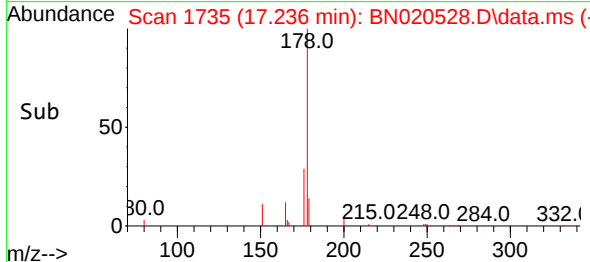
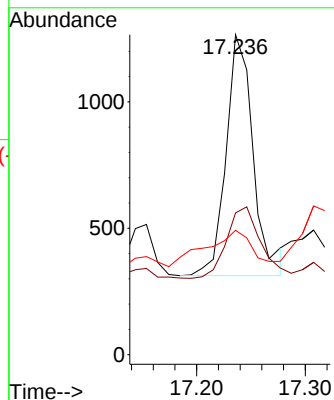
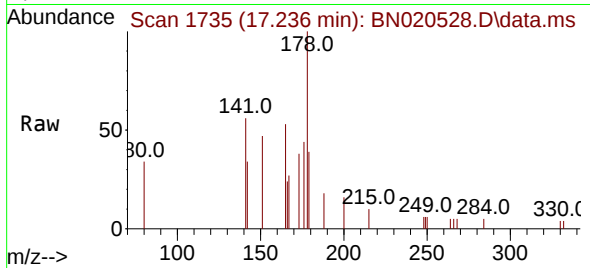




#26
 Anthracene
 Concen: 0.042 ng
 RT: 17.236 min Scan# 1735
 Delta R.T. -0.010 min
 Lab File: BN020528.D
 Acq: 28 Jun 2022 10:30

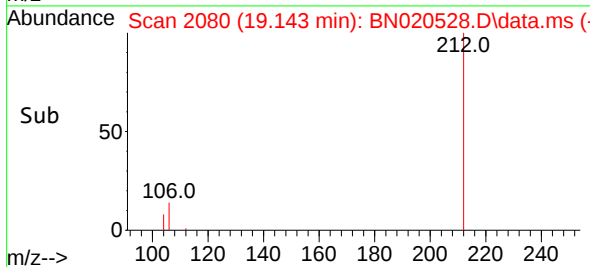
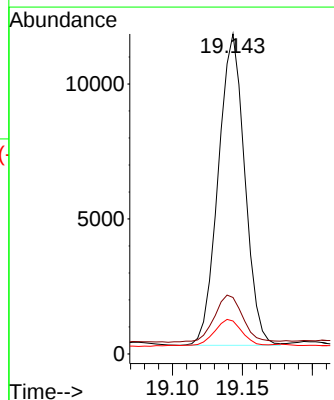
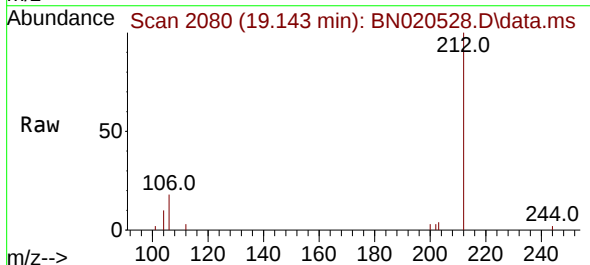
Instrument :
 BNA_N
 ClientSampleId :
 MW-59RE

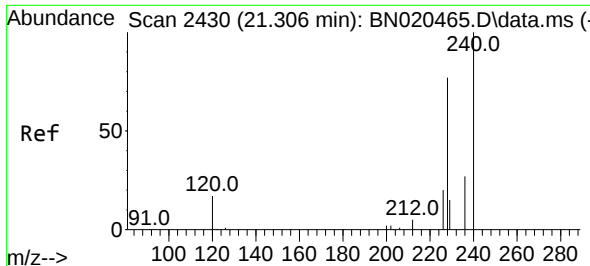
Tgt Ion:178 Resp: 1651
 Ion Ratio Lower Upper
 178 100
 176 37.8 14.9 22.3#
 179 25.1 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.380 ng
 RT: 19.143 min Scan# 2080
 Delta R.T. -0.004 min
 Lab File: BN020528.D
 Acq: 28 Jun 2022 10:30

Tgt Ion:212 Resp: 15190
 Ion Ratio Lower Upper
 212 100
 106 16.3 12.6 19.0
 104 9.2 7.2 10.8

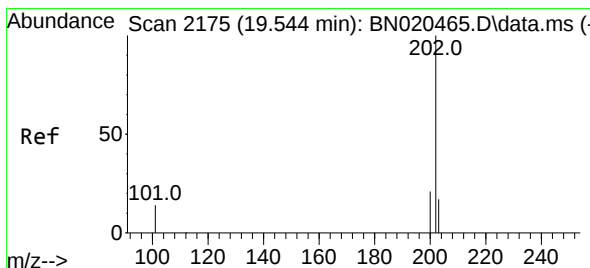
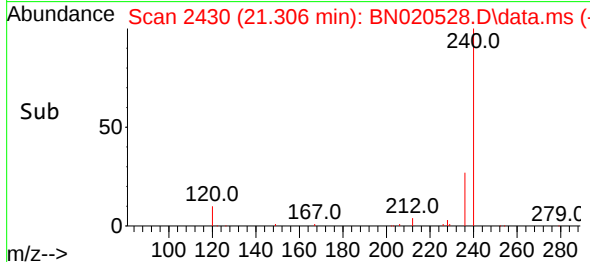
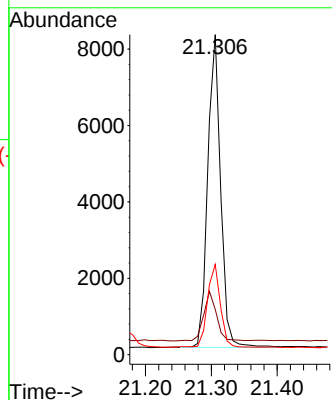
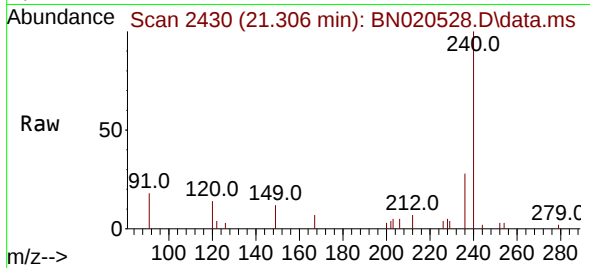




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

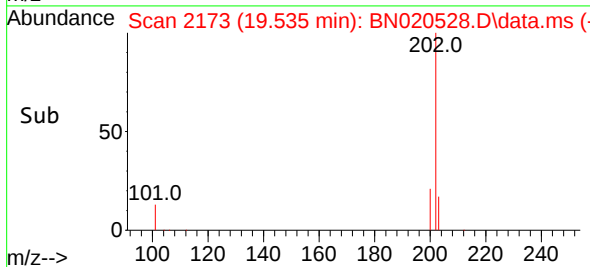
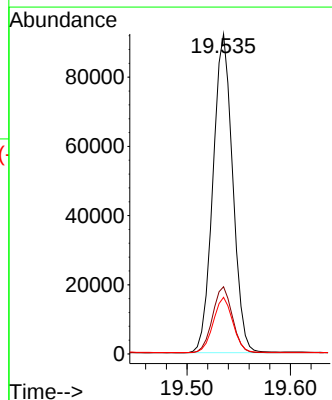
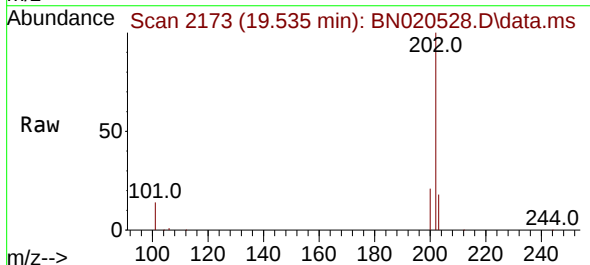
Instrument :
BNA_N
ClientSampleId :
MW-59RE

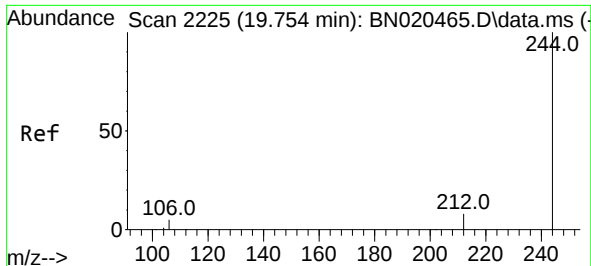
Tgt Ion:240 Resp: 11222
Ion Ratio Lower Upper
240 100
120 14.2 14.6 21.8#
236 28.2 22.6 33.8



#30
Pyrene
Concen: 2.565 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.008 min
Lab File: BN020528.D
Acq: 28 Jun 2022 10:30

Tgt Ion:202 Resp: 121881
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.3 14.2 21.2

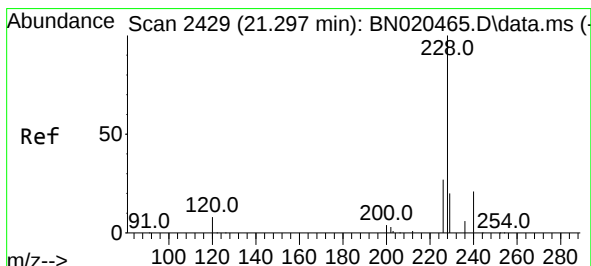
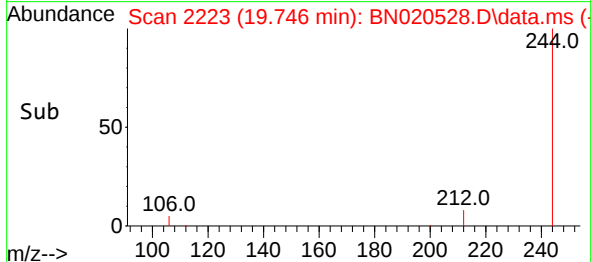
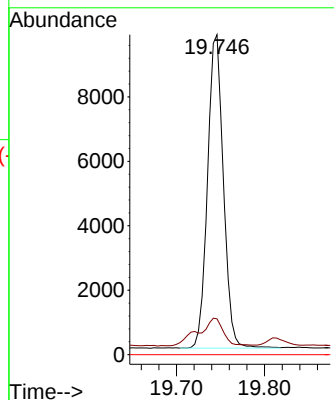
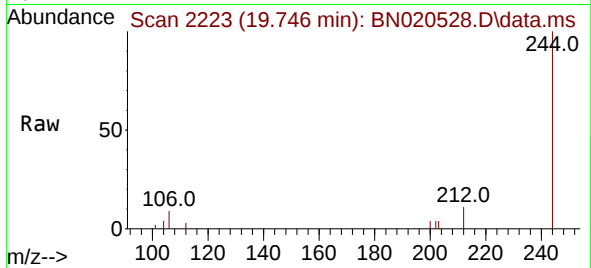




#31
 Terphenyl-d14
 Concen: 0.453 ng
 RT: 19.746 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN020528.D
 Acq: 28 Jun 2022 10:30

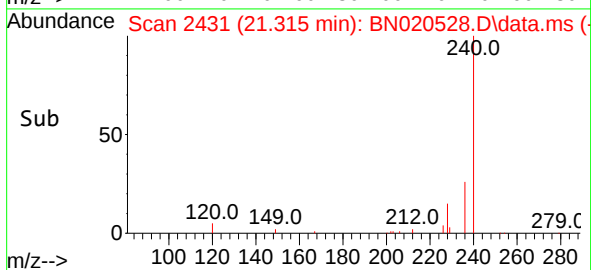
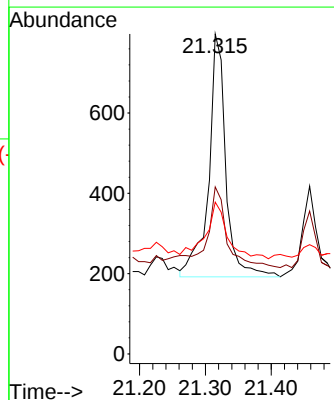
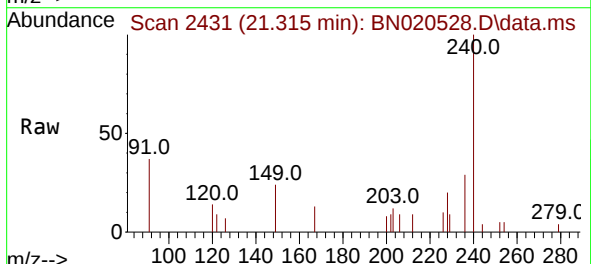
Instrument :
 BNA_N
 ClientSampleId :
 MW-59RE

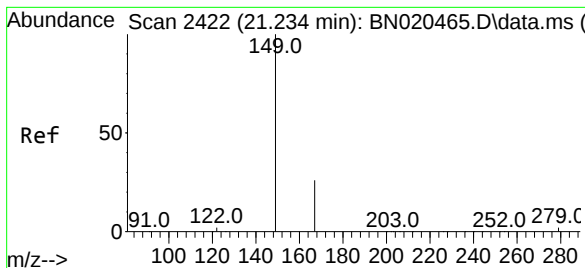
Tgt Ion:244 Resp: 12154
 Ion Ratio Lower Upper
 244 100
 212 11.2 7.1 10.7#
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.027 ng
 RT: 21.315 min Scan# 2431
 Delta R.T. 0.018 min
 Lab File: BN020528.D
 Acq: 28 Jun 2022 10:30

Tgt Ion:228 Resp: 1100
 Ion Ratio Lower Upper
 228 100
 226 52.2 21.2 31.8#
 229 47.4 15.6 23.4#

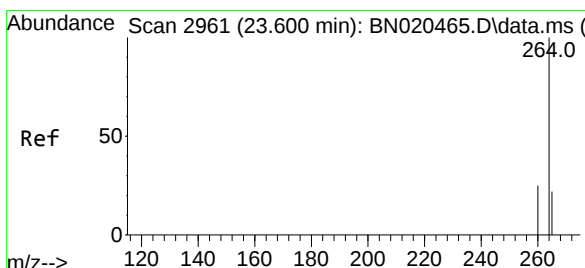
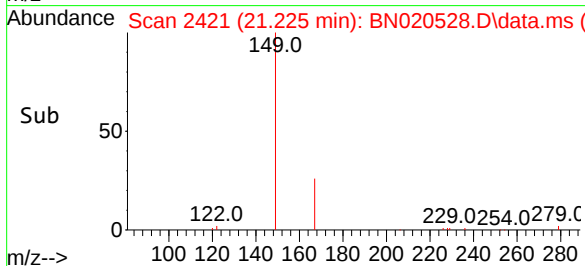
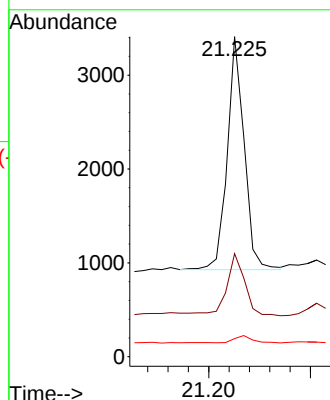
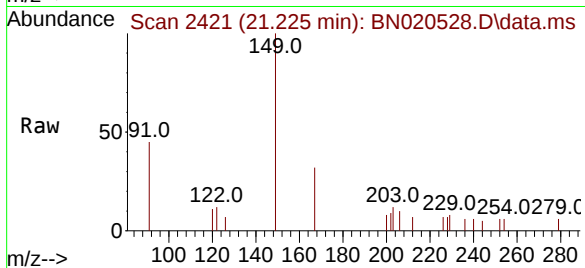




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.126 ng
 RT: 21.225 min Scan# 2421
 Delta R.T. -0.009 min
 Lab File: BN020528.D
 Acq: 28 Jun 2022 10:30

Instrument :
 BNA_N
 ClientSampleId :
 MW-59RE

Tgt Ion:149 Resp: 2856
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.7 32.5
 279 3.3 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2956
 Delta R.T. -0.015 min
 Lab File: BN020528.D
 Acq: 28 Jun 2022 10:30

Tgt Ion:264 Resp: 9115
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.9 31.3
 265 39.0 28.0 42.0

