

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020490.D
 Acq On : 27 Jun 2022 08:45
 Operator : CG/JU
 Sample : N3354-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 00:33:34 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)

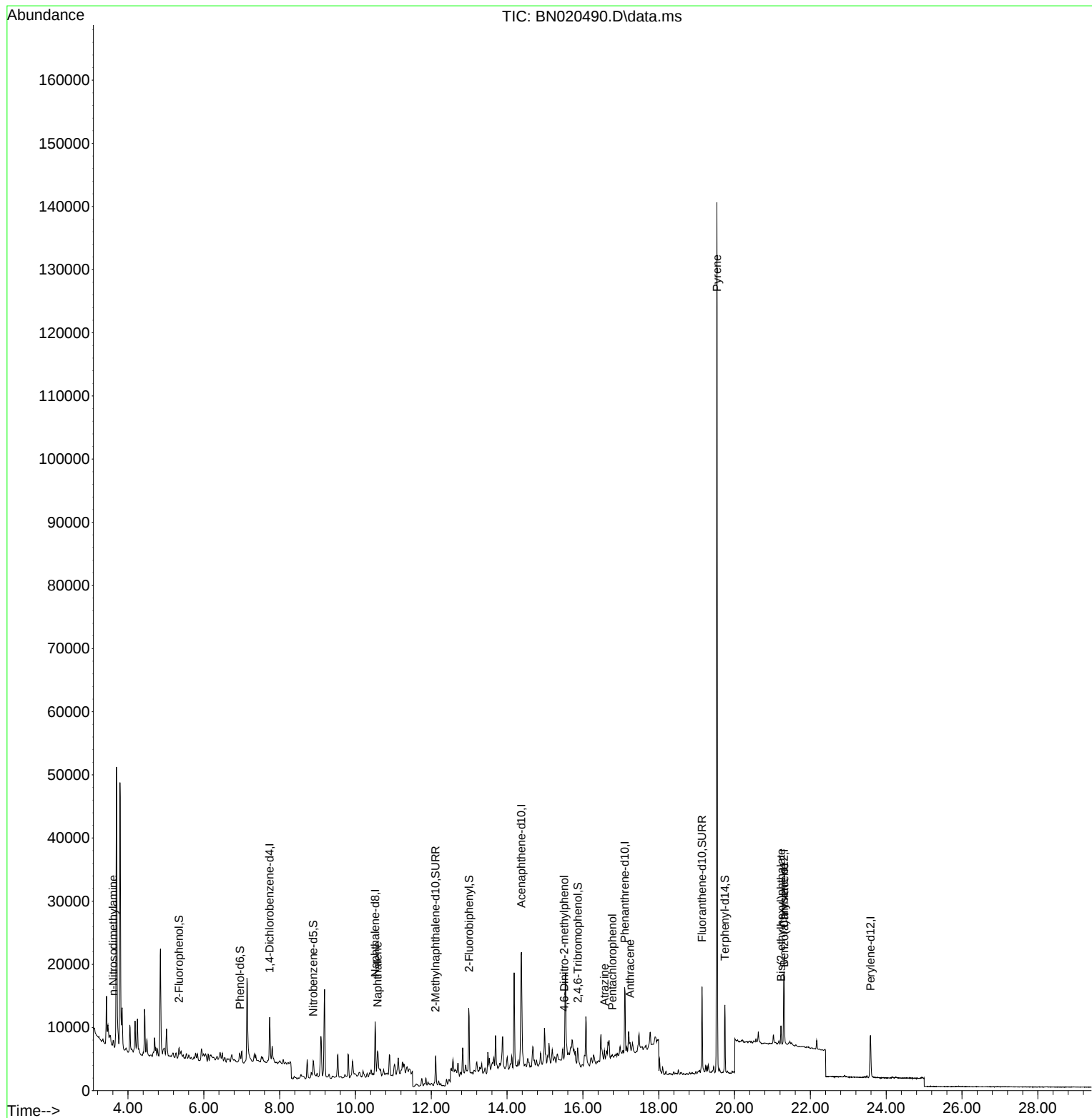
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3325	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	11137	0.400	ng	# 0.00
13) Acenaphthene-d10	14.377	164	14892	0.400	ng	# 0.01
19) Phenanthrene-d10	17.102	188	14015	0.400	ng	#-0.01
29) Chrysene-d12	21.306	240	11223	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	9584	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1508	0.163	ng	0.00
5) Phenol-d6	6.952	99	1239	0.112	ng	0.00
8) Nitrobenzene-d5	8.886	82	2983	0.331	ng	-0.01
11) 2-Methylnaphthalene-d10	12.113	152	6727	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	1194	0.213	ng	0.00
15) 2-Fluorobiphenyl	12.998	172	9353	0.152	ng	0.00
27) Fluoranthene-d10	19.143	212	15105	0.363	ng	0.00
31) Terphenyl-d14	19.746	244	12127	0.452	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.608	42	755	0.190	ng	# 6
9) Naphthalene	10.583	128	1888	0.057	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.511	198	18	0.232	ng	# 1
23) Atrazine	16.569	200	297	0.046	ng	# 1
24) Pentachlorophenol	16.774	266	19	0.191	ng	# 18
26) Anthracene	17.246	178	1682	0.041	ng	# 56
30) Pyrene	19.535	202	120973	2.546	ng	99
32) Benzo(a)anthracene	21.315	228	1012	0.025	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.225	149	2725	0.121	ng	# 94

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

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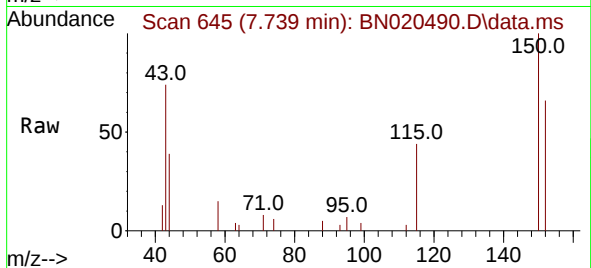
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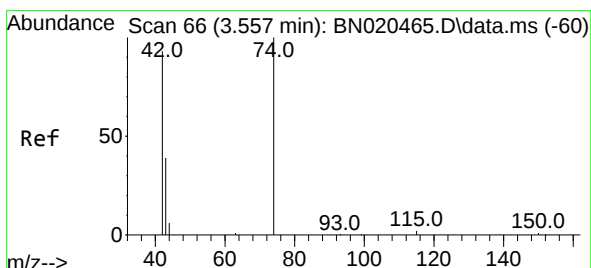
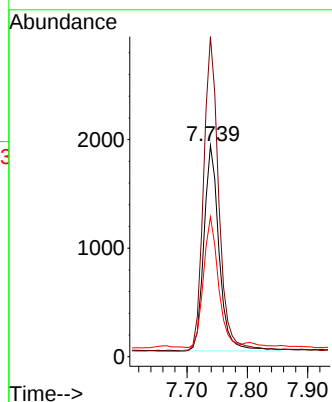
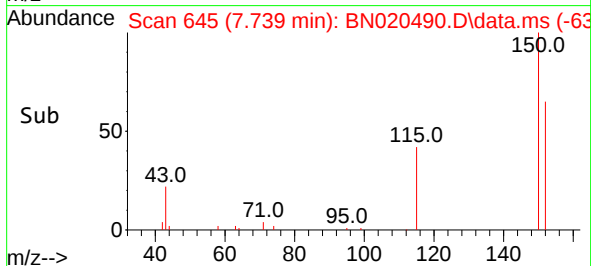


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Instrument :
BNA_N
ClientSampleId :

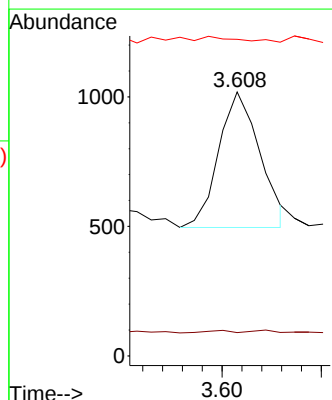
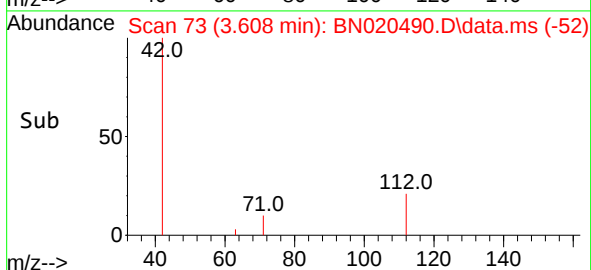
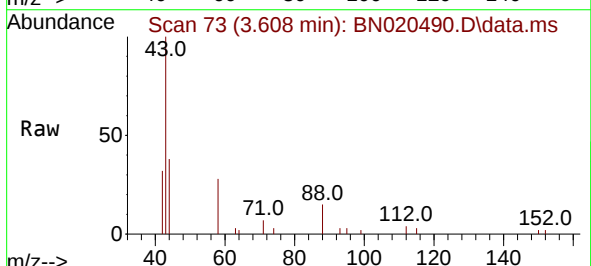


Tgt Ion:152 Resp: 3325
Ion Ratio Lower Upper
152 100
150 151.5 127.9 191.9
115 66.2 51.4 77.2



#3
n-Nitrosodimethylamine
Concen: 0.190 ng
RT: 3.608 min Scan# 73
Delta R.T. 0.050 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Tgt Ion: 42 Resp: 755
Ion Ratio Lower Upper
42 100
74 1.1 84.0 126.0#
44 0.0 9.8 14.8#

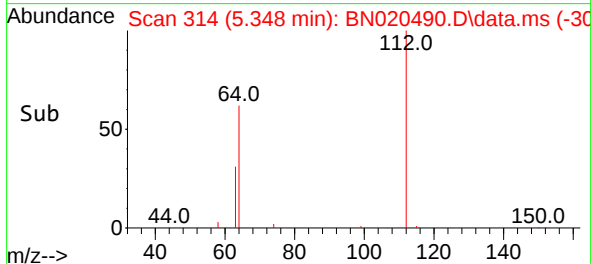
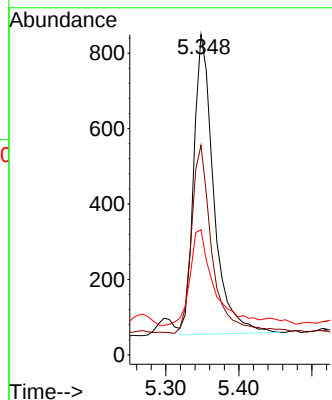
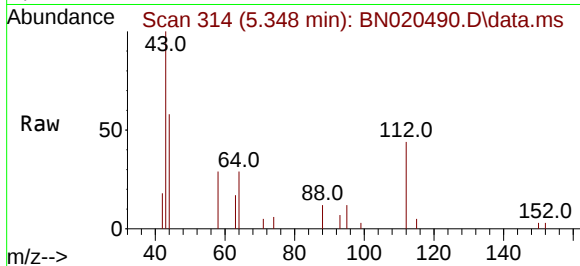




#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

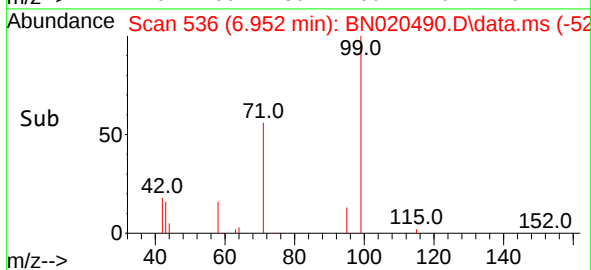
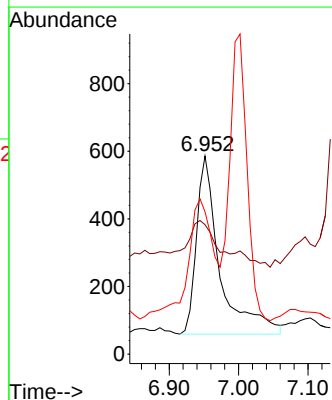
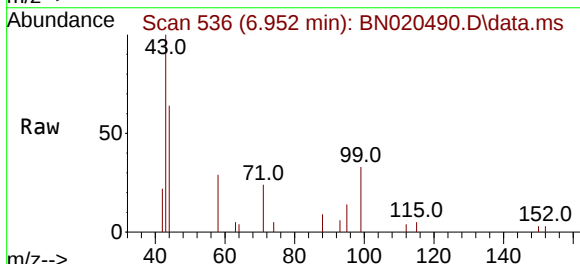
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1508
Ion Ratio Lower Upper
112 100
64 64.1 49.1 73.7
63 38.2 26.3 39.5



#5
Phenol-d6
Concen: 0.112 ng
RT: 6.952 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

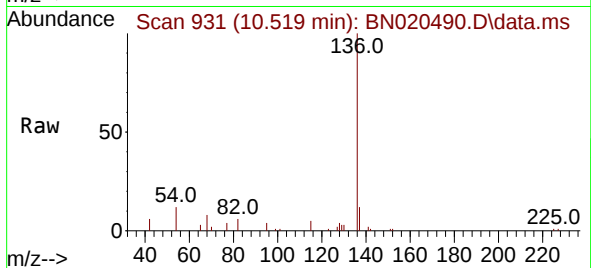
Tgt Ion: 99 Resp: 1239
Ion Ratio Lower Upper
99 100
42 15.9 19.3 28.9#
71 75.1 27.5 41.3#



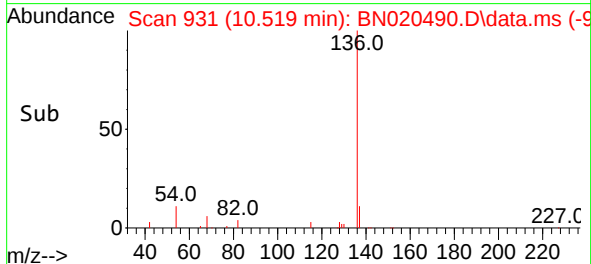
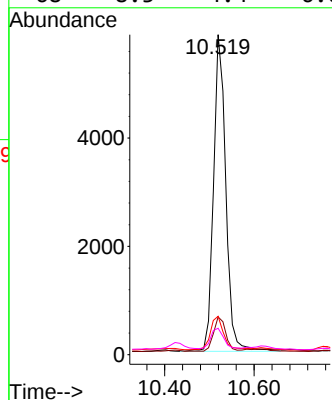


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Instrument :
BNA_N
ClientSampleId :

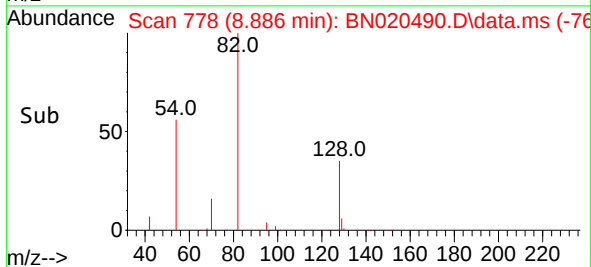
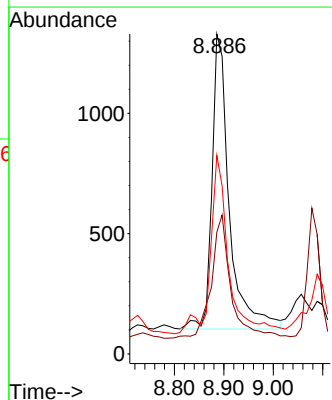
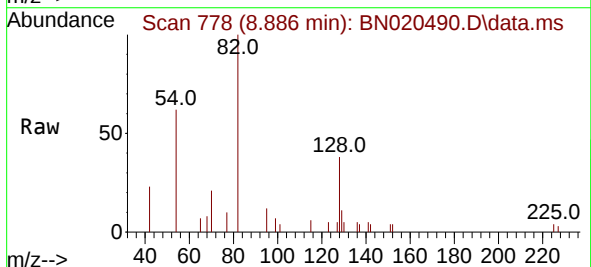


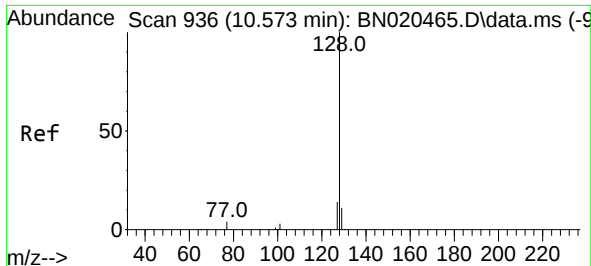
Tgt Ion:	136	Resp:	11137
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	12.0	6.2	9.2#
68	8.3	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.886 min Scan# 778
Delta R.T. -0.011 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Tgt Ion:	82	Resp:	2983
Ion	Ratio	Lower	Upper
82	100		
128	38.0	35.0	52.6
54	62.0	46.2	69.4

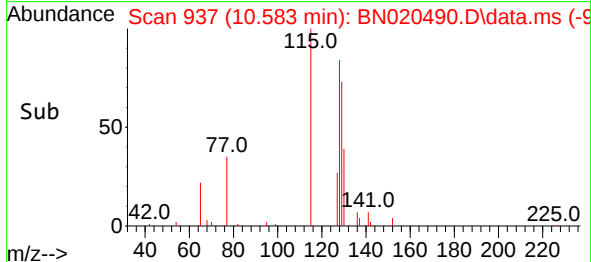
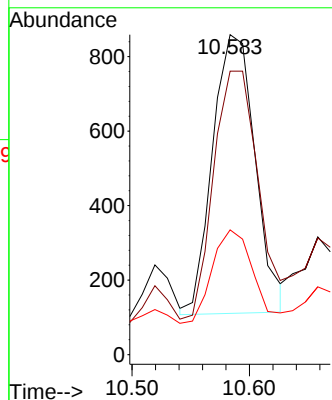
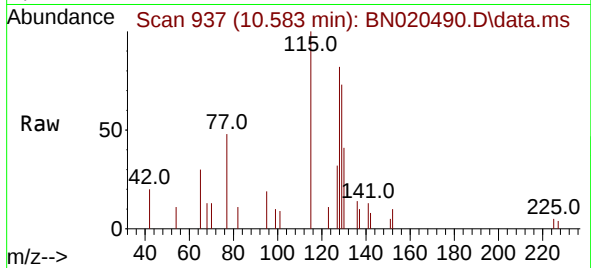




#9
Naphthalene
Concen: 0.057 ng
RT: 10.583 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

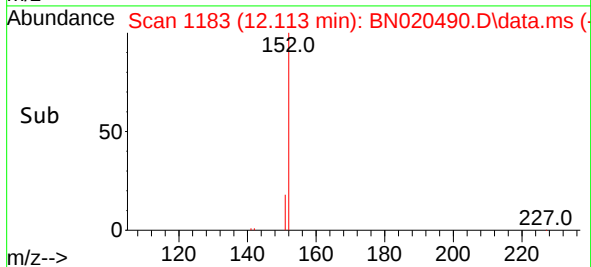
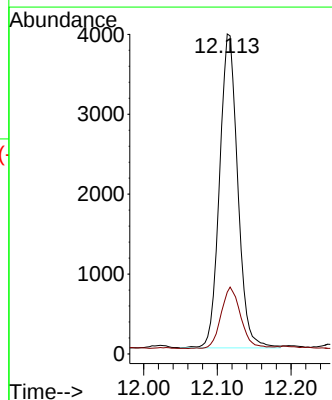
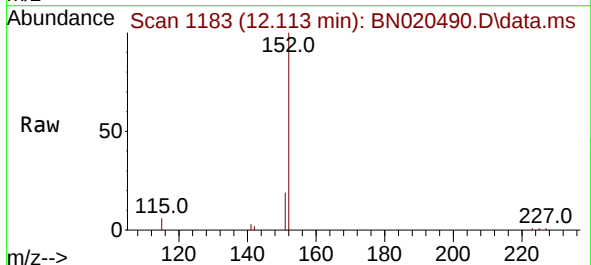
Instrument :
BNA_N
ClientSampleId :

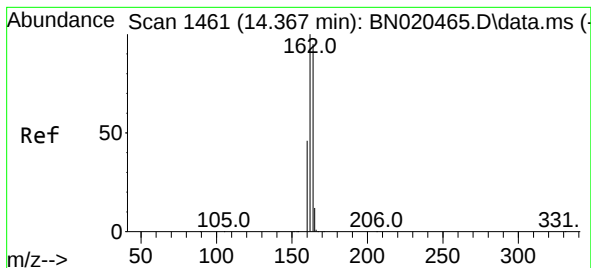
Tgt Ion:128 Resp: 1888
Ion Ratio Lower Upper
128 100
129 88.6 8.9 13.3#
127 39.0 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.113 min Scan# 1183
Delta R.T. -0.008 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Tgt Ion:152 Resp: 6727
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.377 min Scan# 1461

Delta R.T. 0.011 min

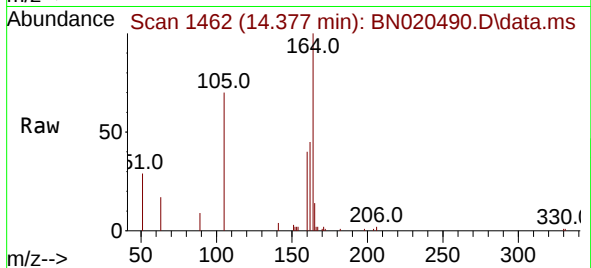
Lab File: BN020490.D

Acq: 27 Jun 2022 08:45

Instrument :

BNA_N

ClientSampleId :



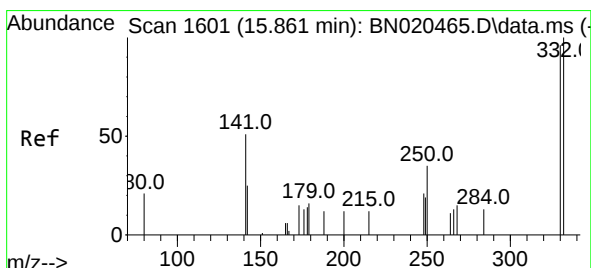
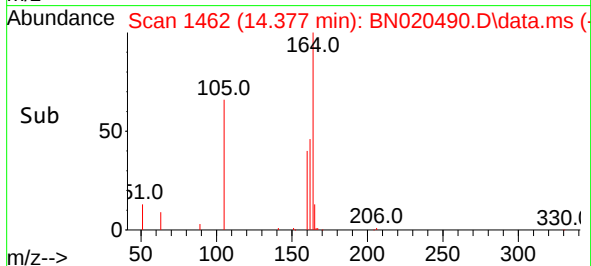
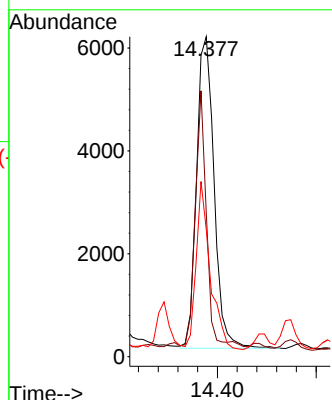
Tgt Ion:164 Resp: 14892

Ion Ratio Lower Upper

164 100

162 44.8 82.1 123.1#

160 39.7 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.213 ng

RT: 15.861 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BN020490.D

Acq: 27 Jun 2022 08:45

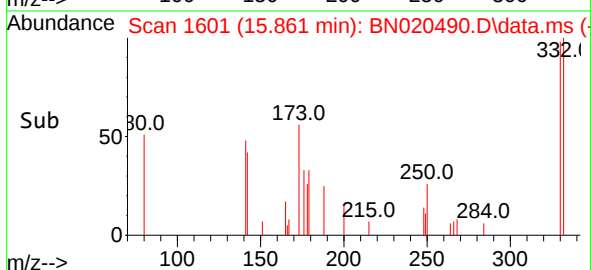
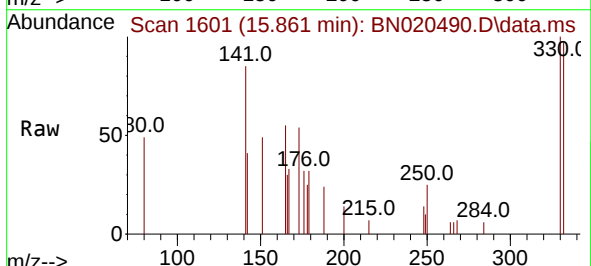
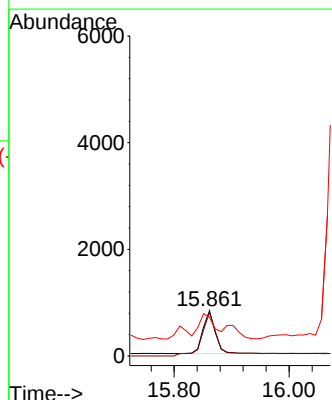
Tgt Ion:330 Resp: 1194

Ion Ratio Lower Upper

330 100

332 130.7 77.6 116.4#

141 63.8 41.0 61.4#

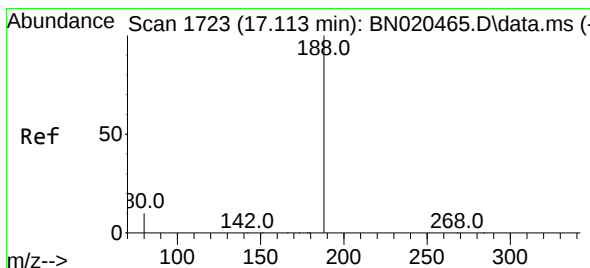
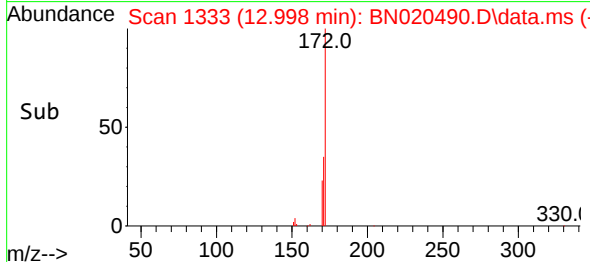
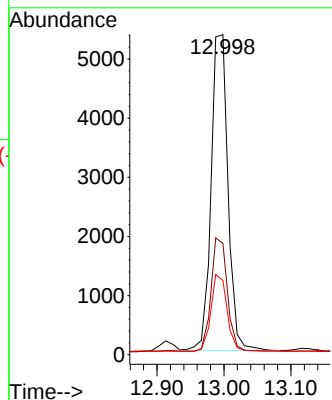
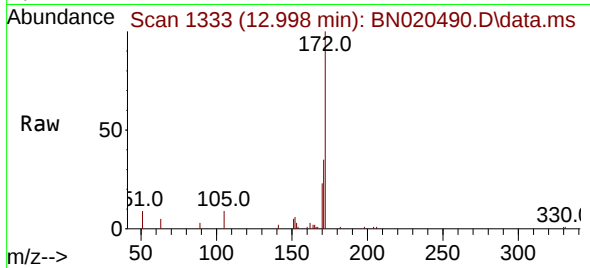




#15
2-Fluorobiphenyl
Concen: 0.152 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

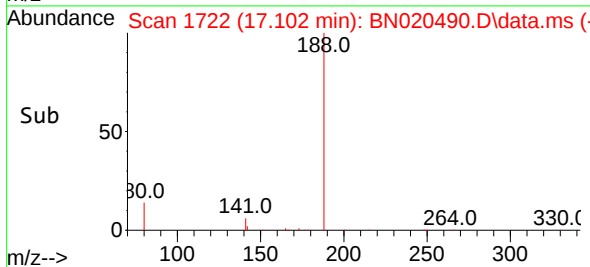
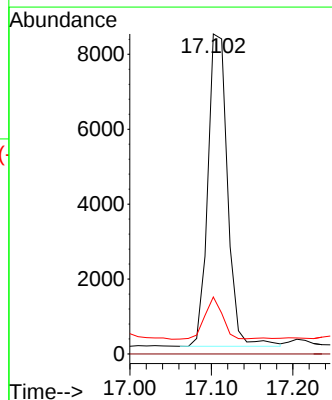
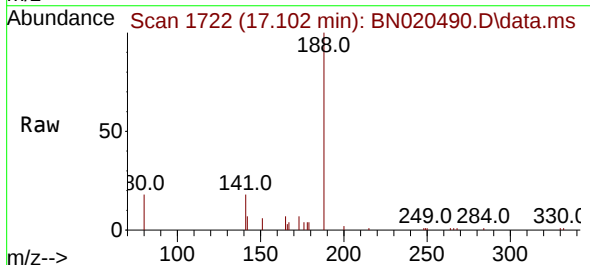
Instrument :
BNA_N
ClientSampleId :

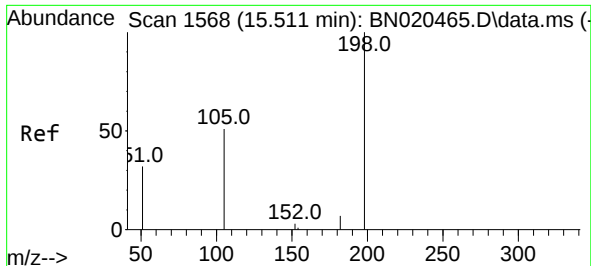
Tgt Ion:172 Resp: 9353
Ion Ratio Lower Upper
172 100
171 34.8 27.2 40.8
170 23.2 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.102 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Tgt Ion:188 Resp: 14015
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.8 7.4 11.2#

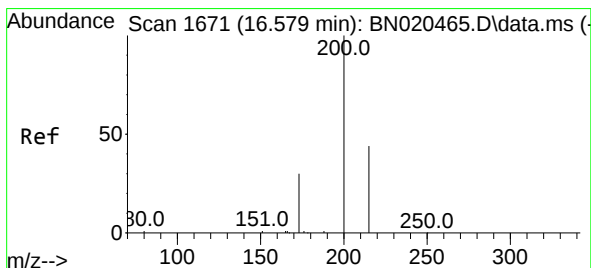
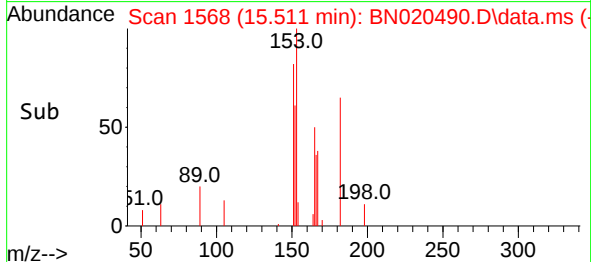
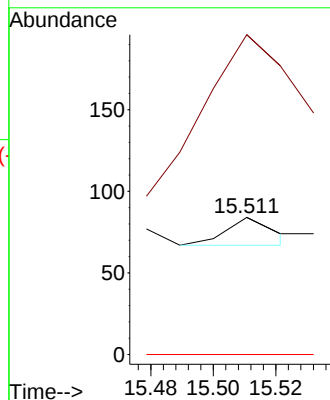
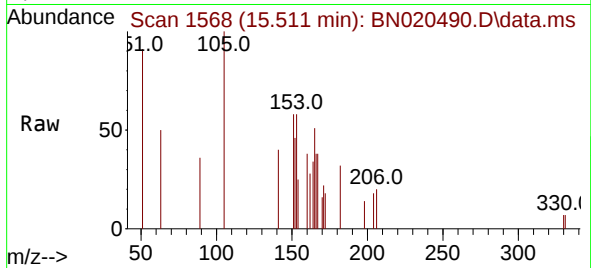




#20
4,6-Dinitro-2-methylphenol
Concen: 0.232 ng
RT: 15.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

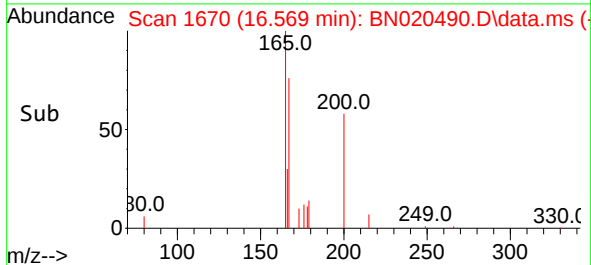
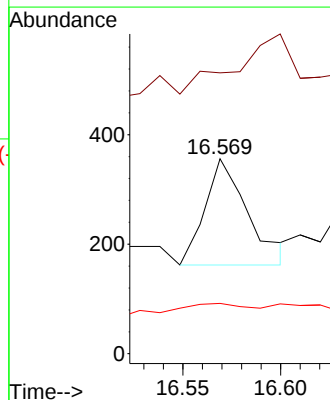
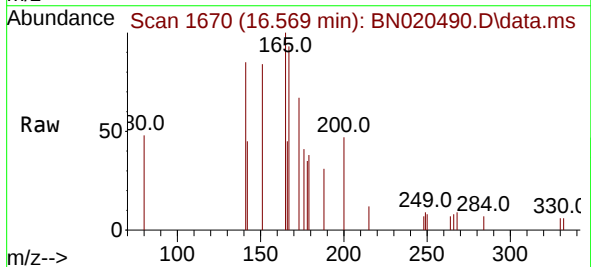
Instrument :
BNA_N
ClientSampleId :

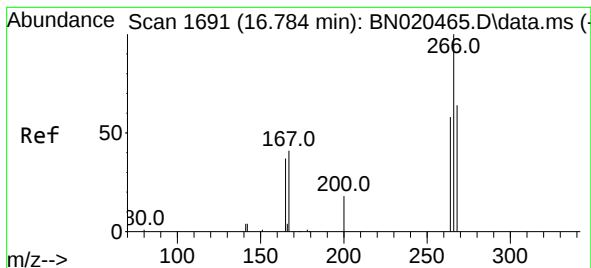
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
182 233.3 12.1 18.1#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.046 ng
RT: 16.569 min Scan# 1670
Delta R.T. -0.010 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Tgt Ion:200 Resp: 297
Ion Ratio Lower Upper
200 100
173 144.1 23.6 35.4#
215 25.8 36.6 54.8#





#24

Pentachlorophenol

Concen: 0.191 ng

RT: 16.774 min Scan# 1690

Delta R.T. -0.010 min

Lab File: BN020490.D

Acq: 27 Jun 2022 08:45

Instrument :

BNA_N

ClientSampleId :

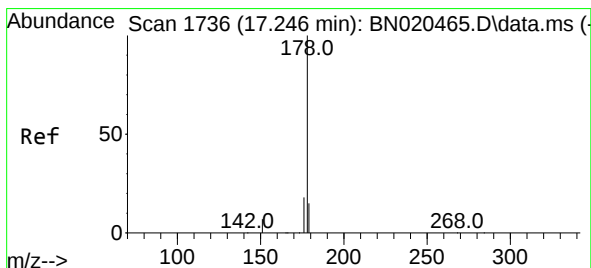
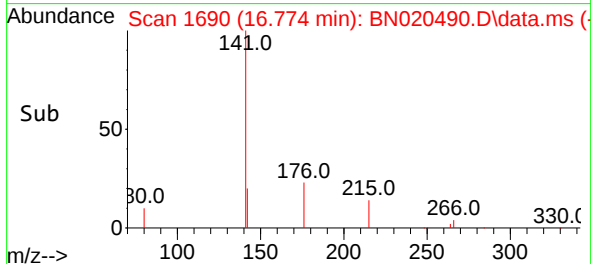
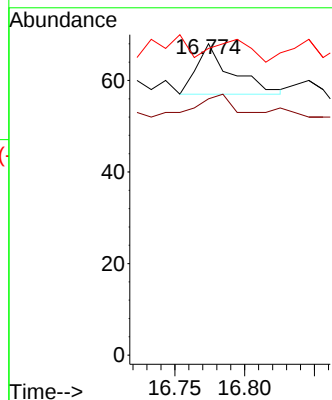
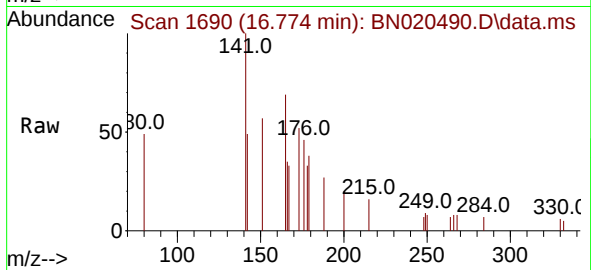
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 0.0 51.3 76.9#

268 0.0 52.6 79.0#



#26

Anthracene

Concen: 0.041 ng

RT: 17.246 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BN020490.D

Acq: 27 Jun 2022 08:45

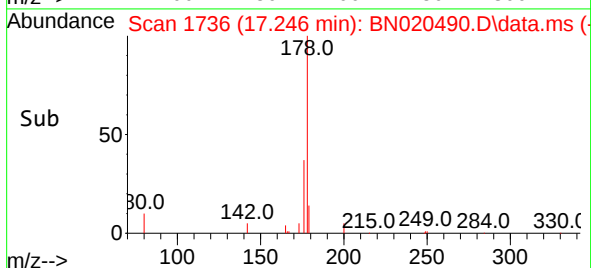
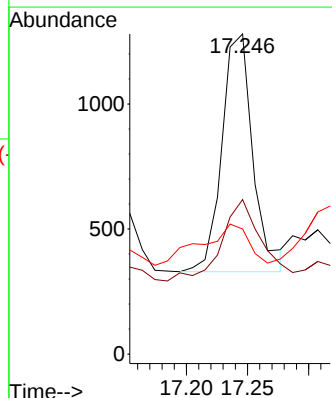
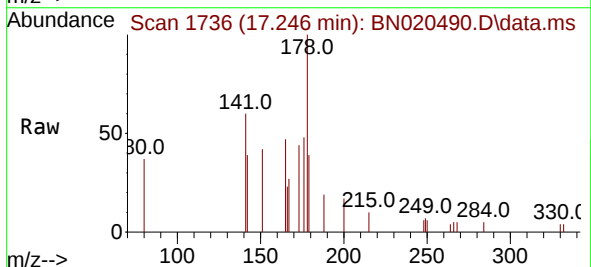
Tgt Ion:178 Resp: 1682

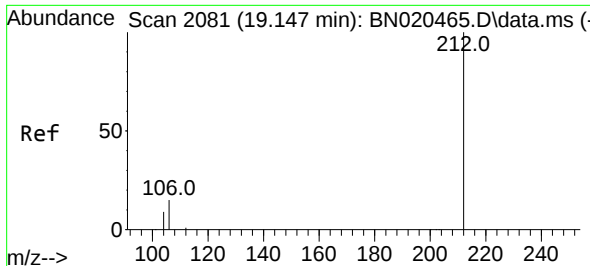
Ion Ratio Lower Upper

178 100

176 44.6 14.9 22.3#

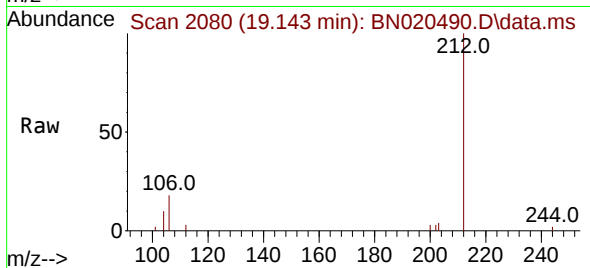
179 26.3 12.2 18.4#



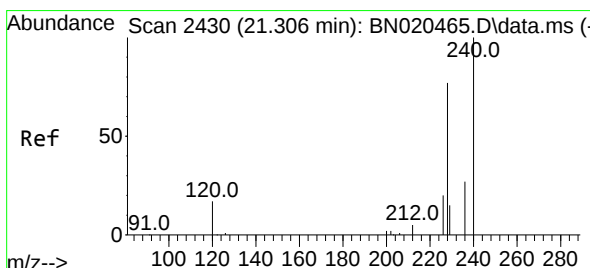
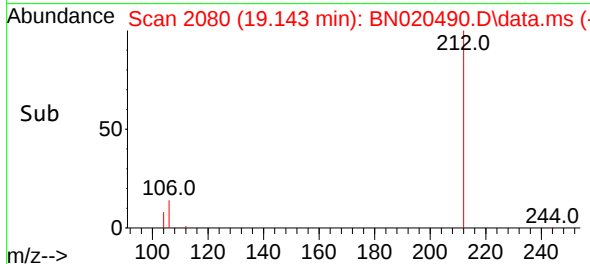
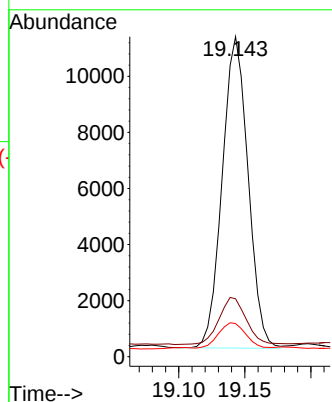


#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.143 min Scan# 2081
Delta R.T. -0.004 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Instrument :
BNA_N
ClientSampleId :

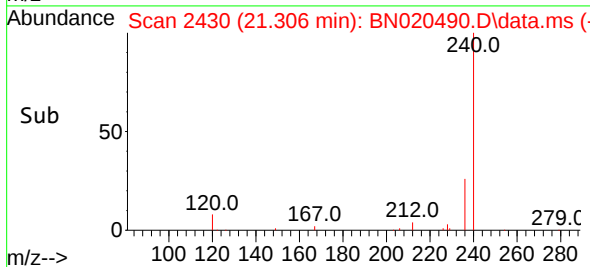
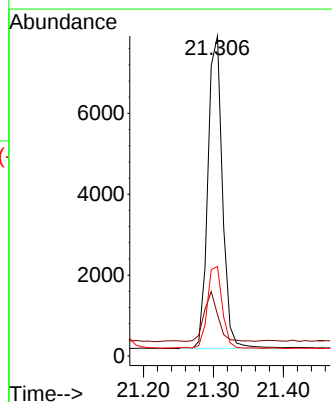
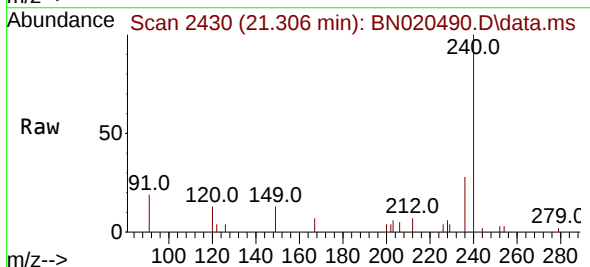


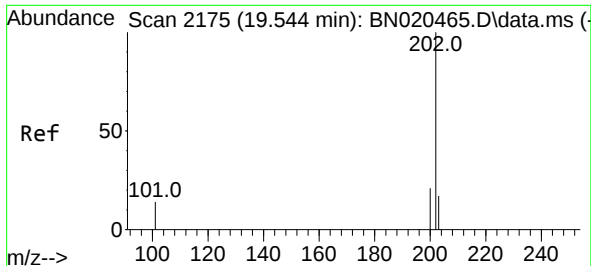
Tgt Ion:212 Resp: 15105
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.1 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

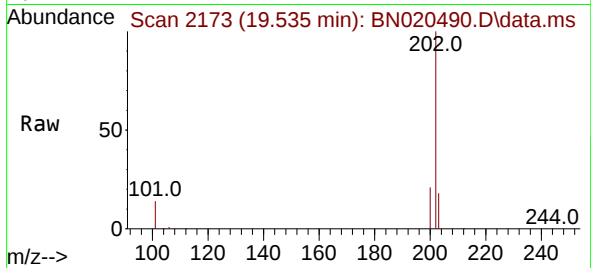
Tgt Ion:240 Resp: 11223
Ion Ratio Lower Upper
240 100
120 13.0 14.6 21.8#
236 28.0 22.6 33.8



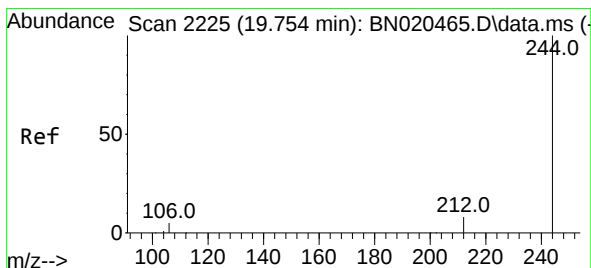
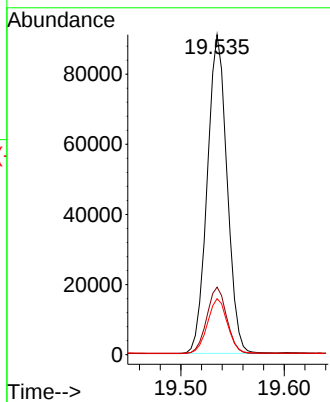
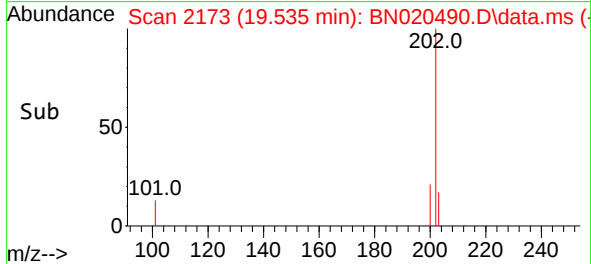


#30
Pyrene
Concen: 2.546 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.009 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Instrument :
BNA_N
ClientSampleId :

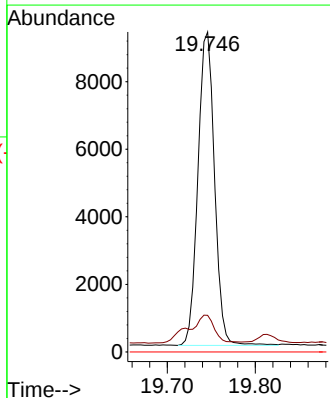
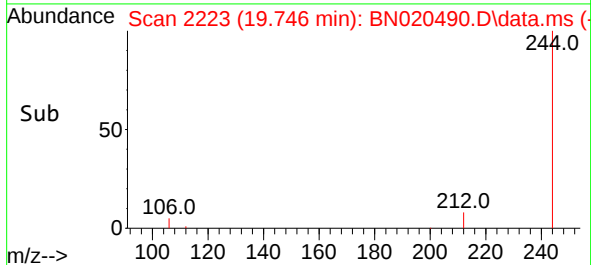
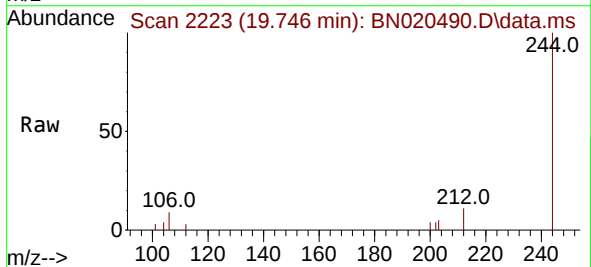


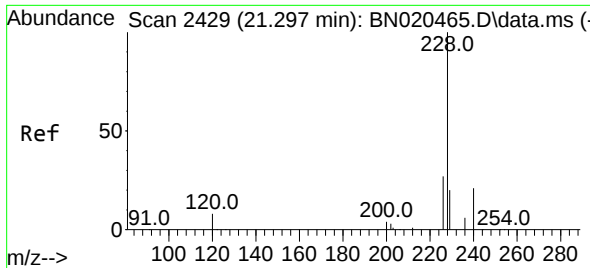
Tgt Ion:202 Resp: 120973
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 17.2 14.2 21.2



#31
Terphenyl-d14
Concen: 0.452 ng
RT: 19.746 min Scan# 2223
Delta R.T. -0.009 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Tgt Ion:244 Resp: 12127
Ion Ratio Lower Upper
244 100
212 11.5 7.1 10.7#
122 0.0 0.0 0.0

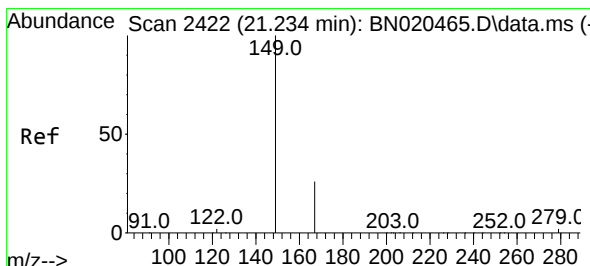
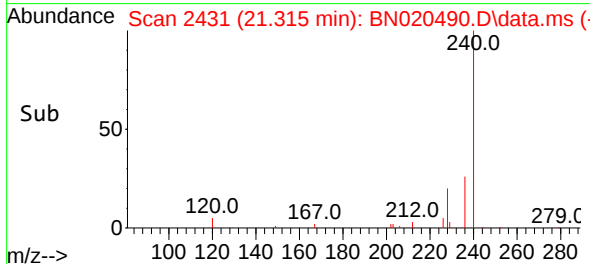
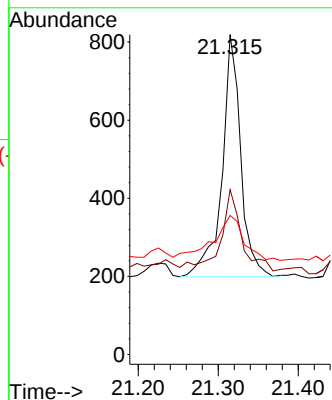
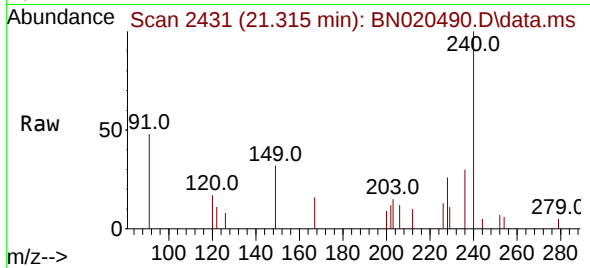




#32
Benzo(a)anthracene
Concen: 0.025 ng
RT: 21.315 min Scan# 2431
Delta R.T. 0.018 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

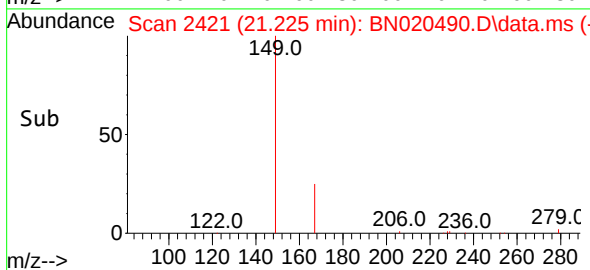
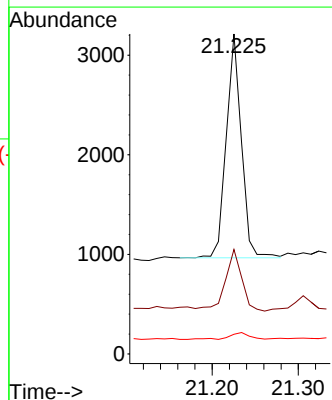
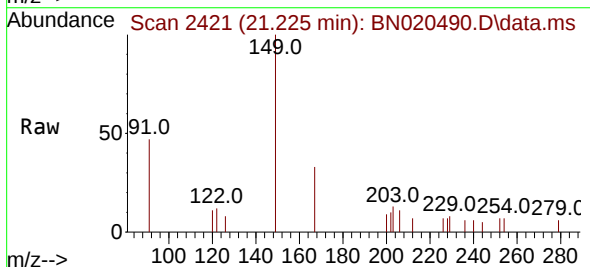
Instrument :
BNA_N
ClientSampleId :

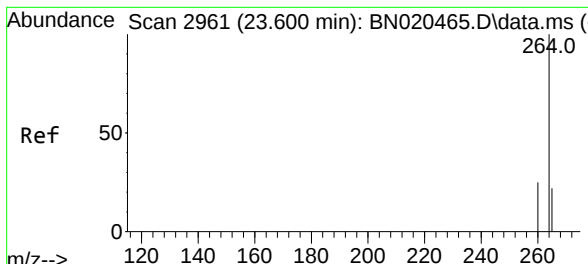
Tgt Ion:228 Resp: 1012
Ion Ratio Lower Upper
228 100
226 51.5 21.2 31.8#
229 43.5 15.6 23.4#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.121 ng
RT: 21.225 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN020490.D
Acq: 27 Jun 2022 08:45

Tgt Ion:149 Resp: 2725
Ion Ratio Lower Upper
149 100
167 30.1 21.7 32.5
279 4.3 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2961
 Delta R.T. -0.015 min
 Lab File: BN020490.D
 Acq: 27 Jun 2022 08:45

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264 Resp: 9584

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.9	31.3
265	39.8	28.0	42.0

