

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020495.D
 Acq On : 27 Jun 2022 11:46
 Operator : CG/JU
 Sample : N3354-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 28 00:33:59 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)

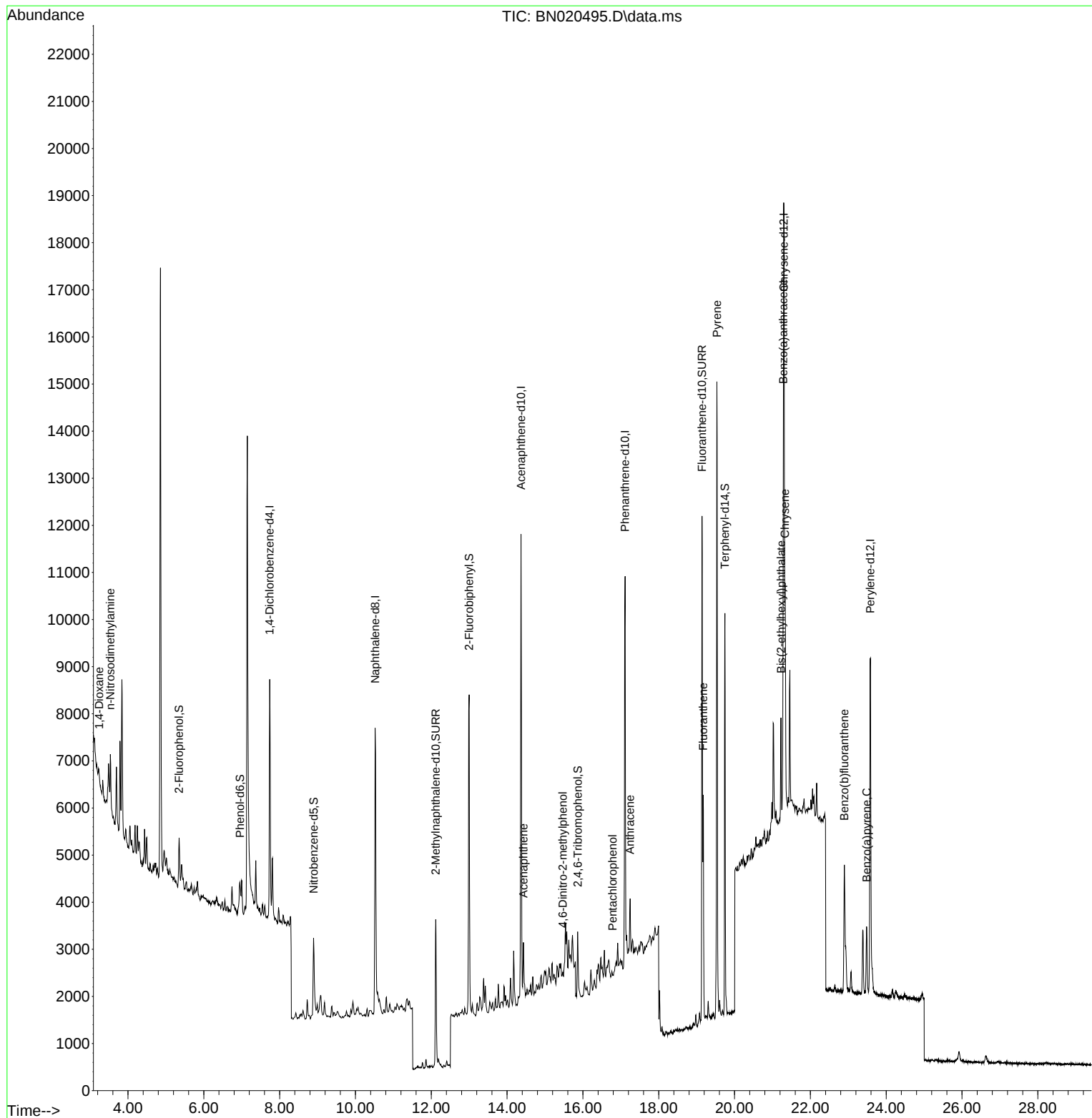
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2844	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	9214	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	5776	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	11956	0.400	ng	# 0.00
29) Chrysene-d12	21.297	240	11251	0.400	ng	0.00
35) Perylene-d12	23.583	264	10151	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1034	0.131	ng	0.00
5) Phenol-d6	6.952	99	774	0.082	ng	0.00
8) Nitrobenzene-d5	8.897	82	1994	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	4821	0.305	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	758	0.348	ng	0.00
15) 2-Fluorobiphenyl	12.998	172	6798	0.285	ng	0.00
27) Fluoranthene-d10	19.143	212	11816	0.333	ng	0.00
31) Terphenyl-d14	19.746	244	9251	0.344	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	124	0.033	ng	# 76
3) n-Nitrosodimethylamine	3.535	42	125	0.037	ng	# 12
17) Acenaphthene	14.431	154	552	0.029	ng	91
20) 4,6-Dinitro-2-methylph...	15.468	198	8	0.229	ng	# 1
24) Pentachlorophenol	16.784	266	12	0.189	ng	# 1
26) Anthracene	17.246	178	1423	0.041	ng	# 85
28) Fluoranthene	19.173	202	4212	0.096	ng	98
30) Pyrene	19.535	202	12412	0.261	ng	# 94
32) Benzo(a)anthracene	21.288	228	3402	0.085	ng	# 84
33) Chrysene	21.333	228	6610	0.149	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.225	149	2210	0.098	ng	# 99
37) Benzo(b)fluoranthene	22.896	252	5157	0.132	ng	# 64
39) Benzo(a)pyrene	23.483	252	2013	0.059	ng	# 37

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

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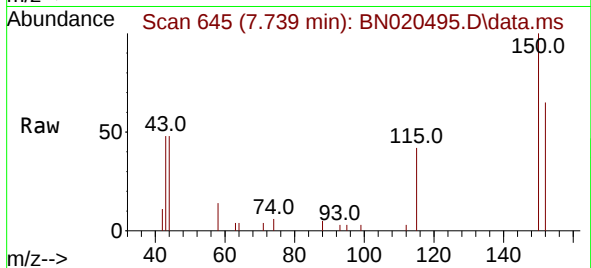
Quant Time: Jun 28 00:33:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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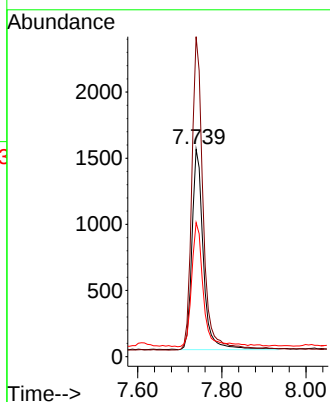
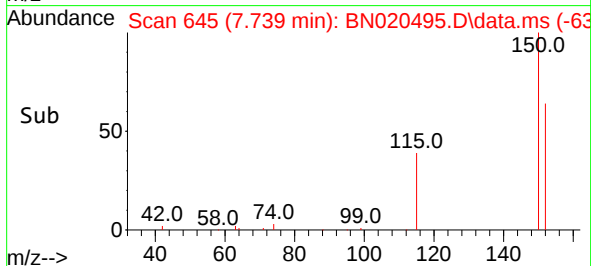


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN020495.D
 Acq: 27 Jun 2022 11:46

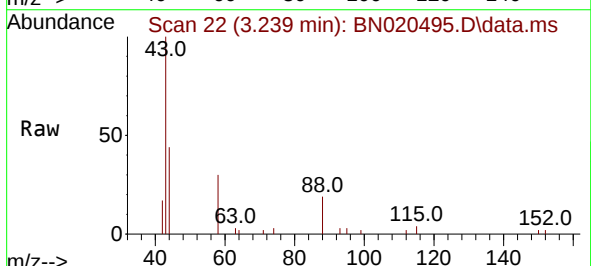
Instrument :
 BNA_N
 ClientSampleId :



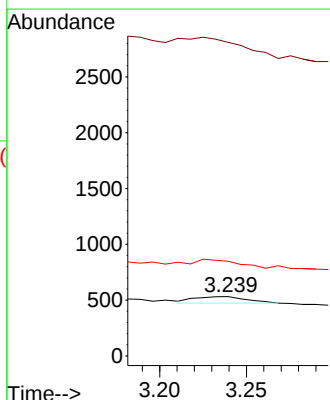
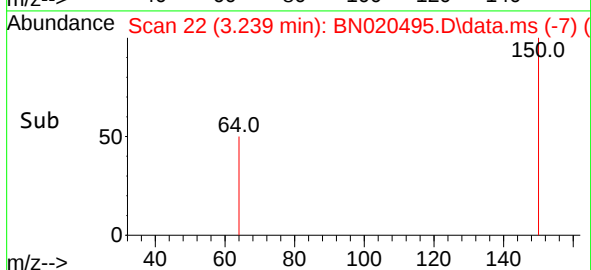
Tgt Ion:152 Resp: 2844
 Ion Ratio Lower Upper
 152 100
 150 154.3 127.9 191.9
 115 64.6 51.4 77.2



#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.007 min
 Lab File: BN020495.D
 Acq: 27 Jun 2022 11:46



Tgt Ion: 88 Resp: 124
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.2 45.2#
 58 99.2 73.0 109.6

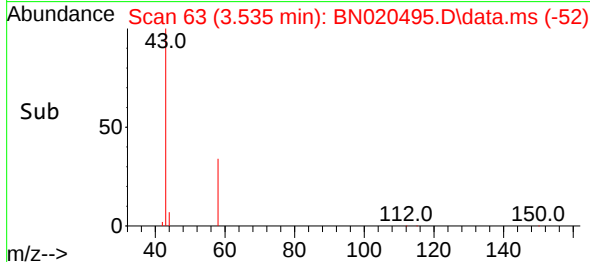
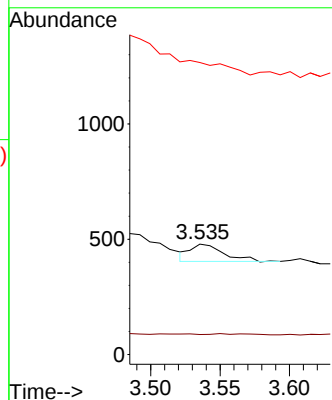
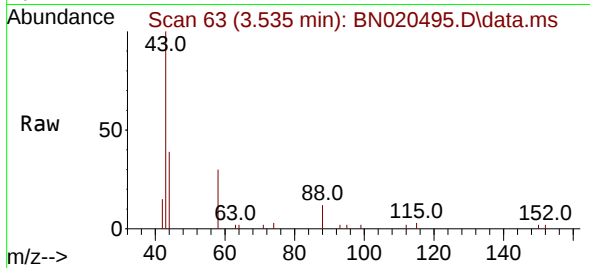




#3
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.535 min Scan# 61
Delta R.T. -0.022 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

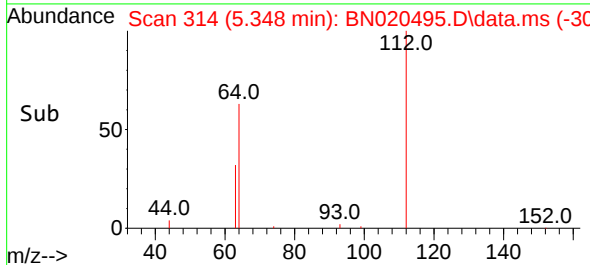
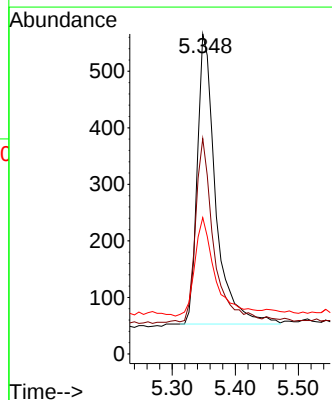
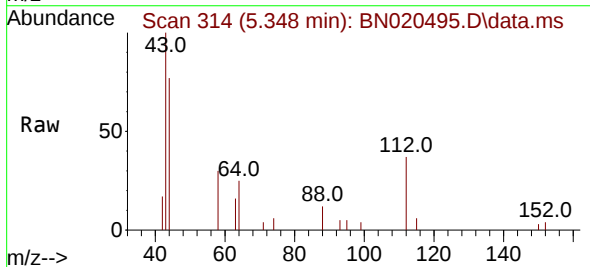
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 125
Ion Ratio Lower Upper
42 100
74 8.0 84.0 126.0#
44 0.0 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

Tgt Ion: 112 Resp: 1034
Ion Ratio Lower Upper
112 100
64 64.8 49.1 73.7
63 37.7 26.3 39.5

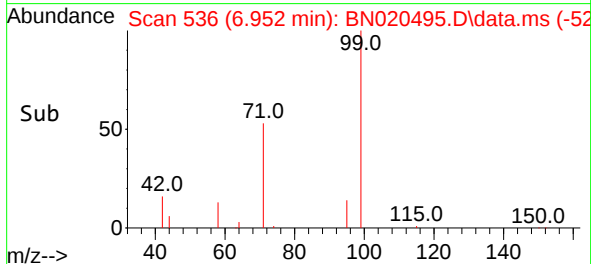
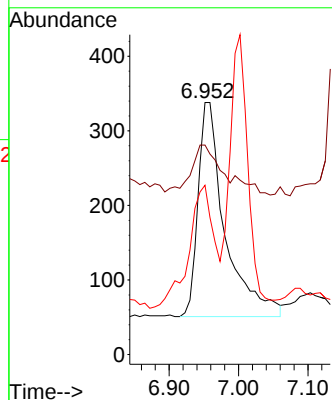
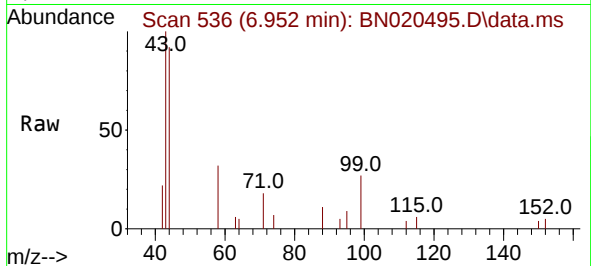




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.952 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

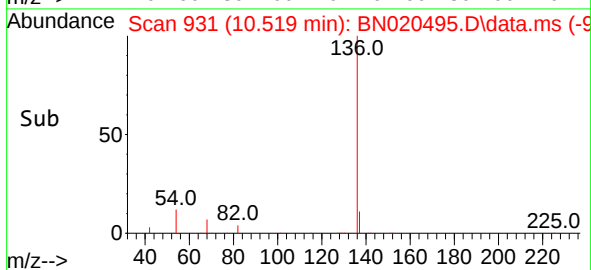
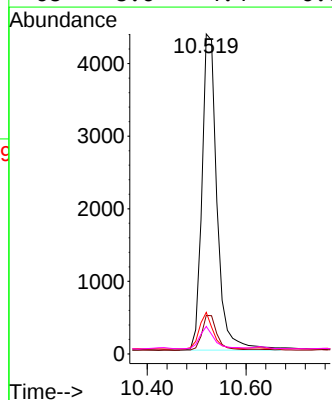
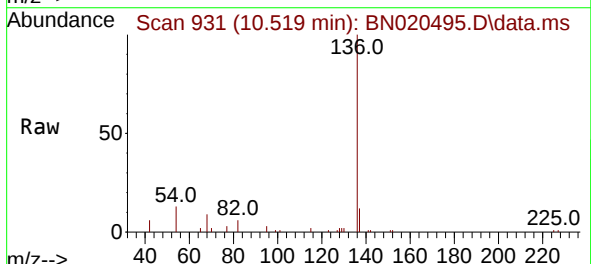
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 774
Ion Ratio Lower Upper
99 100
42 29.6 19.3 28.9#
71 54.1 27.5 41.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

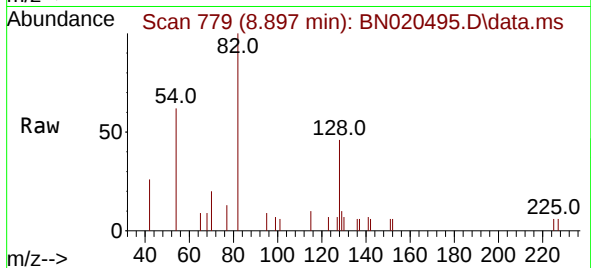
Tgt Ion: 136 Resp: 9214
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 13.0 6.2 9.2#
68 8.6 4.4 6.6#



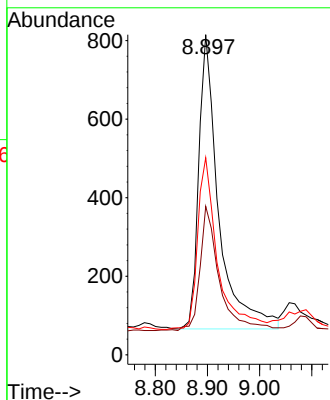
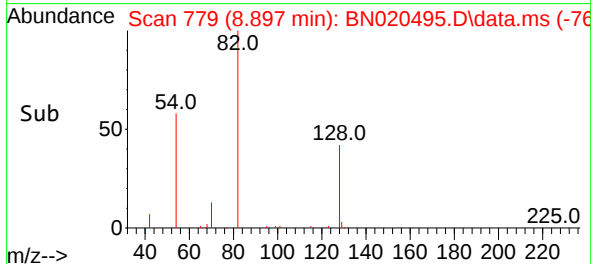


#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

Instrument :
BNA_N
ClientSampleId :

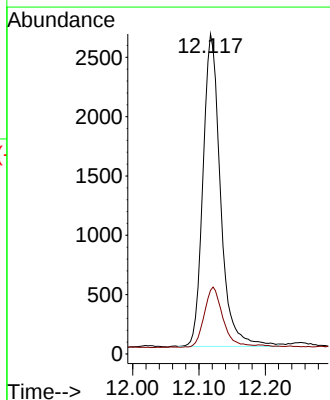
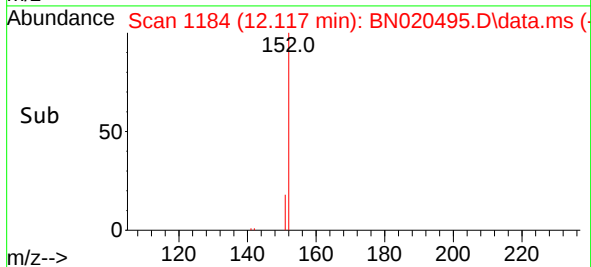
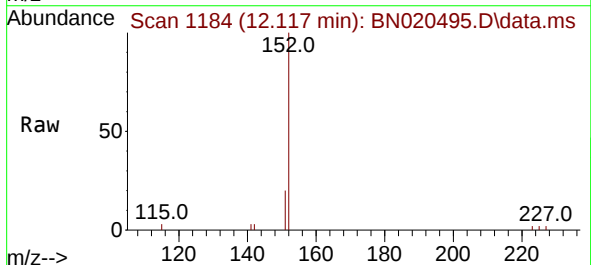


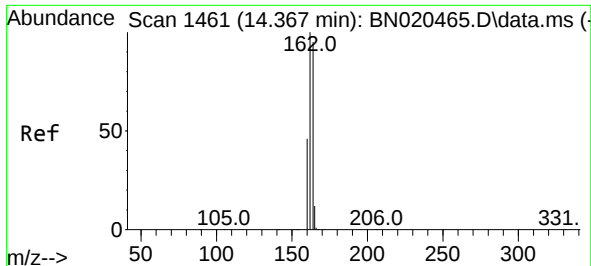
Tgt Ion: 82 Resp: 1994
Ion Ratio Lower Upper
82 100
128 46.4 35.0 52.6
54 61.6 46.2 69.4



#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

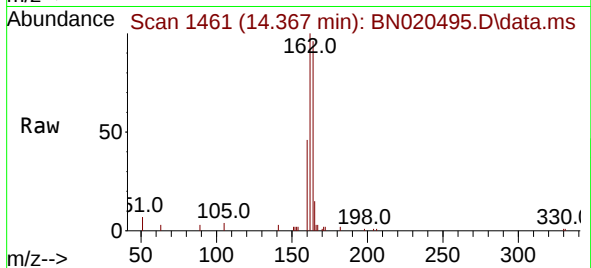
Tgt Ion: 152 Resp: 4821
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



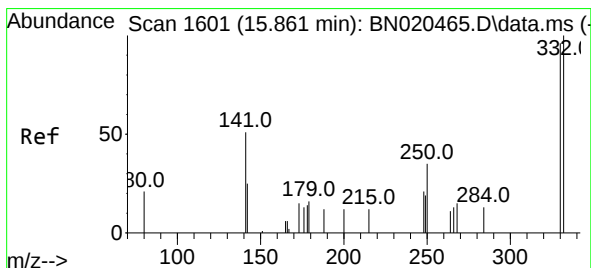
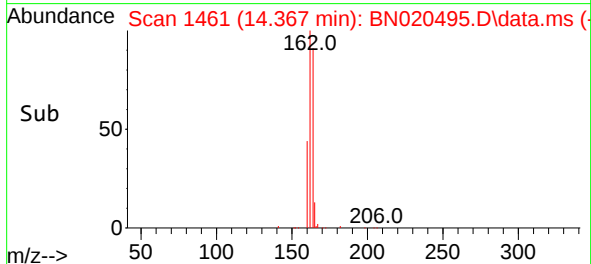
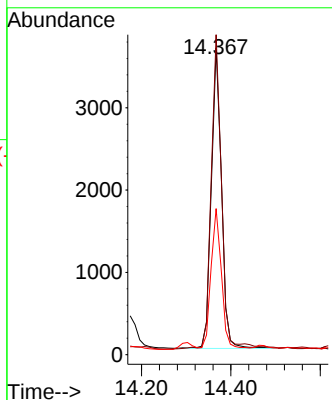


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

Instrument :
BNA_N
ClientSampleId :

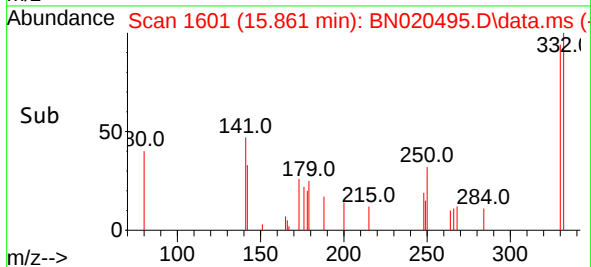
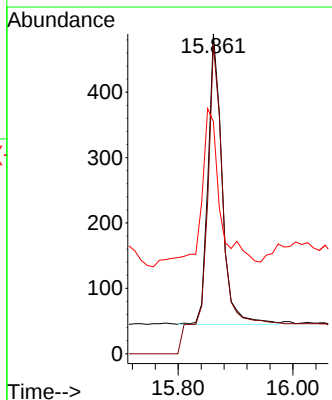
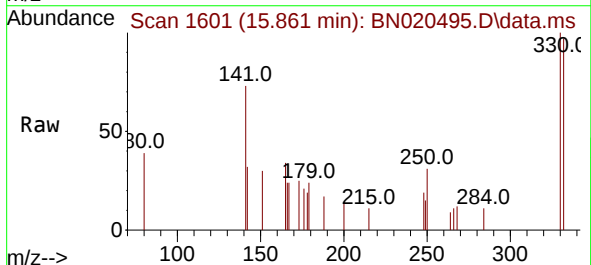


Tgt Ion:164 Resp: 5776
Ion Ratio Lower Upper
164 100
162 104.3 82.1 123.1
160 47.7 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

Tgt Ion:330 Resp: 758
Ion Ratio Lower Upper
330 100
332 153.6 77.6 116.4#
141 64.2 41.0 61.4#

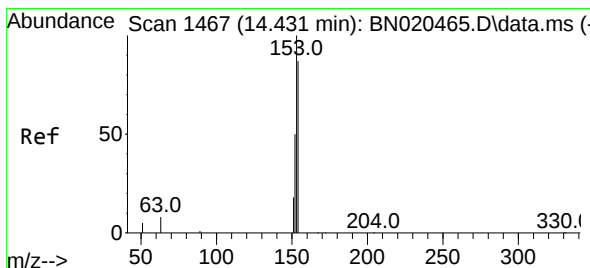
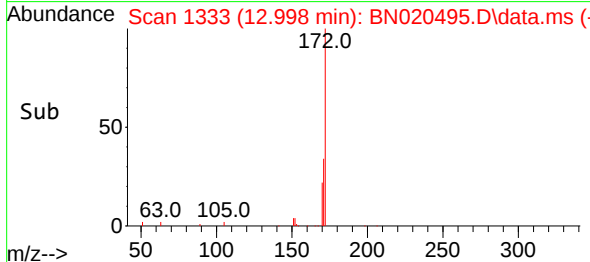
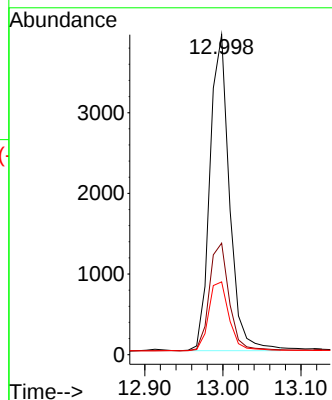
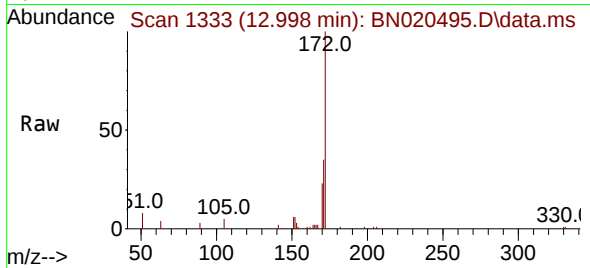




#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.998 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

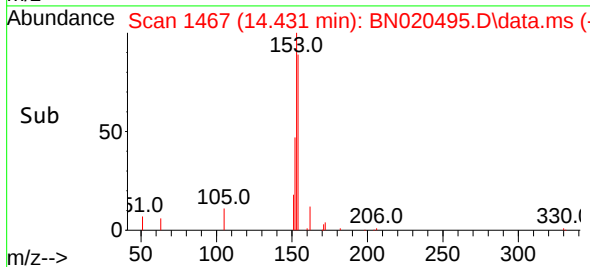
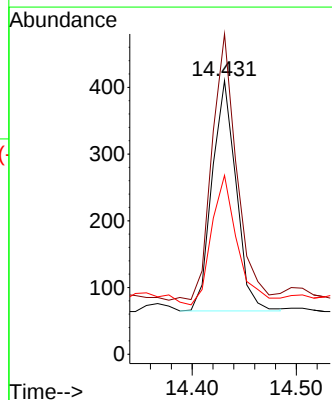
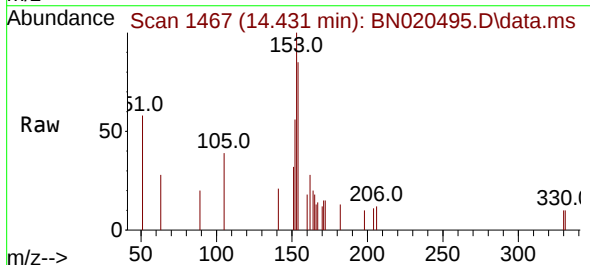
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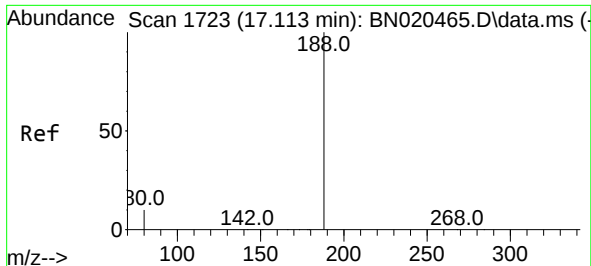
Tgt Ion:172 Resp: 6798
Ion Ratio Lower Upper
172 100
171 34.9 27.2 40.8
170 22.8 18.2 27.4



#17
Acenaphthene
Concen: 0.029 ng
RT: 14.431 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

Tgt Ion:154 Resp: 552
Ion Ratio Lower Upper
154 100
153 118.8 87.5 131.3
152 61.4 43.8 65.6

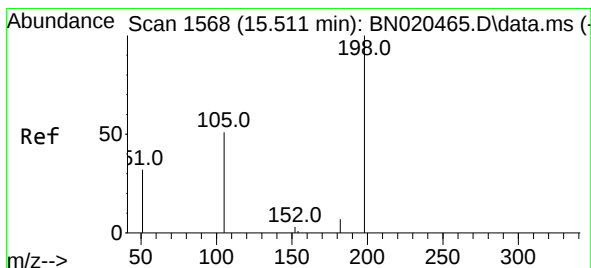
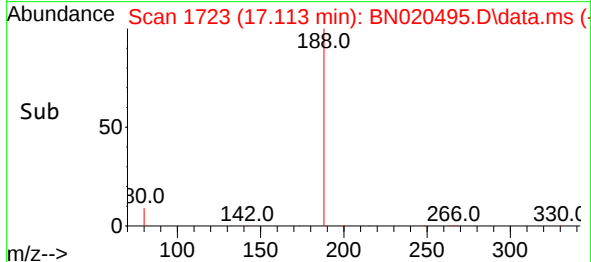
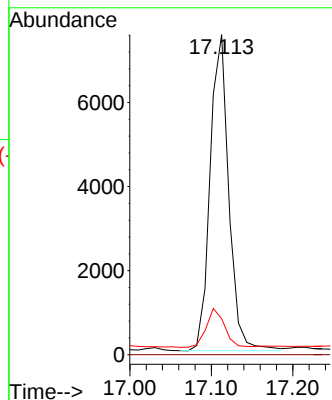
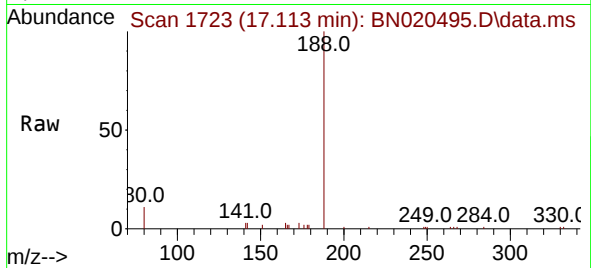




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

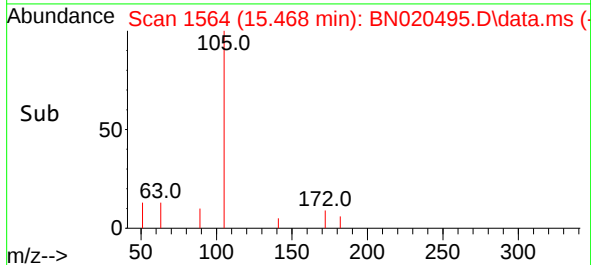
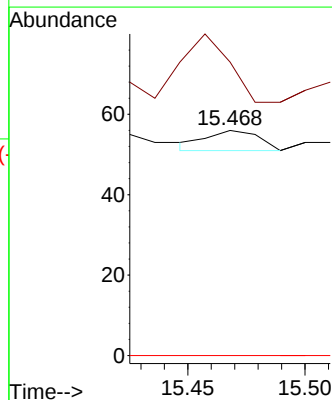
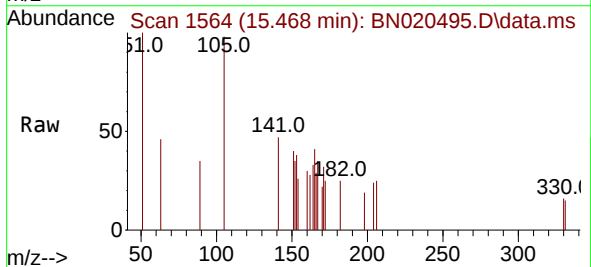
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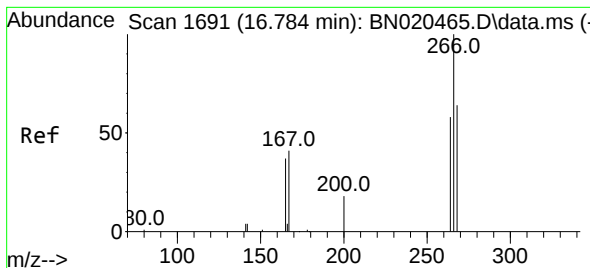
Tgt Ion:188 Resp: 11956
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.4 11.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.229 ng
RT: 15.468 min Scan# 1564
Delta R.T. -0.043 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 130.4 12.1 18.1#
77 0.0 0.0 0.0





#24

Pentachlorophenol

Concen: 0.189 ng

RT: 16.784 min Scan# 1

Delta R.T. 0.000 min

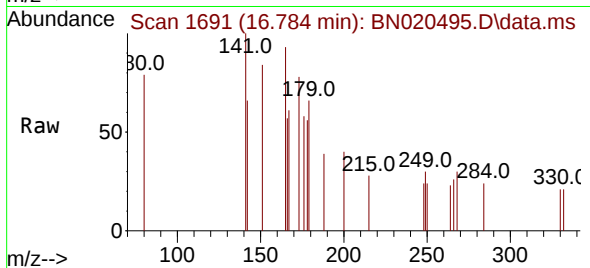
Lab File: BN020495.D

Acq: 27 Jun 2022 11:46

Instrument :

BNA_N

ClientSampleId :



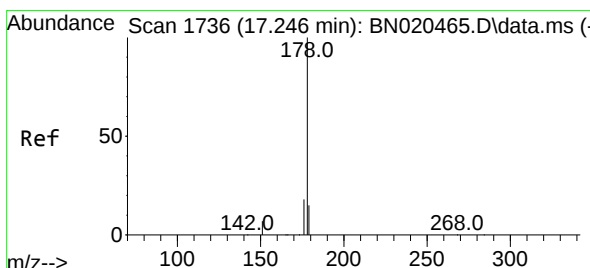
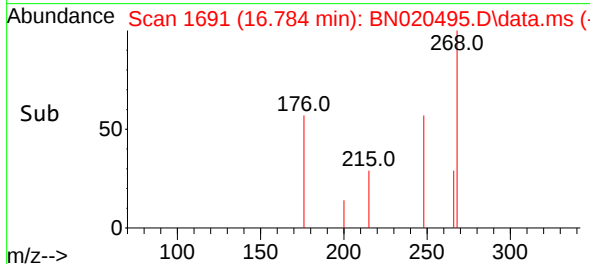
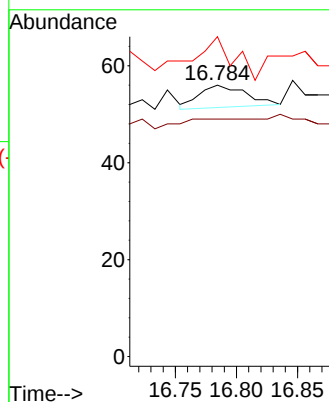
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 0.0 51.3 76.9#

268 183.3 52.6 79.0#



#26

Anthracene

Concen: 0.041 ng

RT: 17.246 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BN020495.D

Acq: 27 Jun 2022 11:46

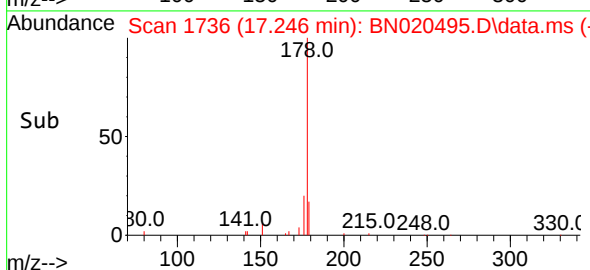
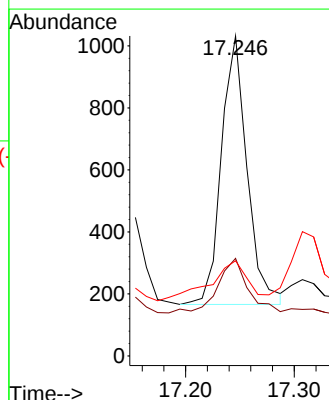
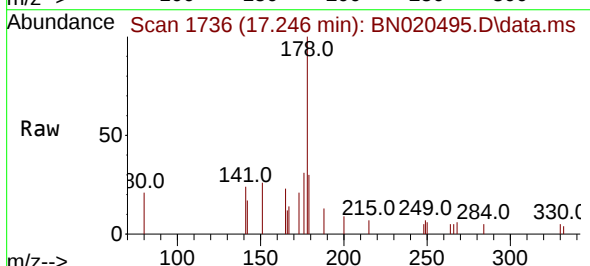
Tgt Ion:178 Resp: 1423

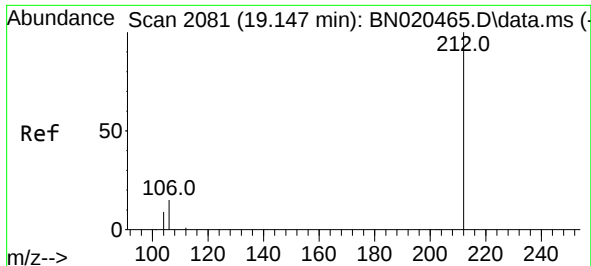
Ion Ratio Lower Upper

178 100

176 24.7 14.9 22.3#

179 22.3 12.2 18.4#

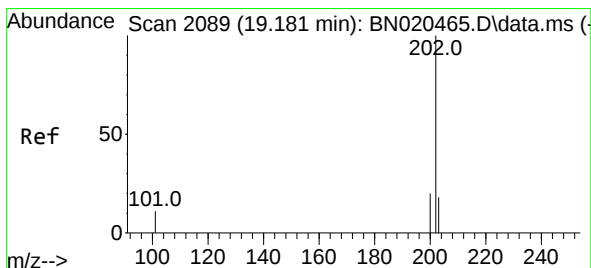
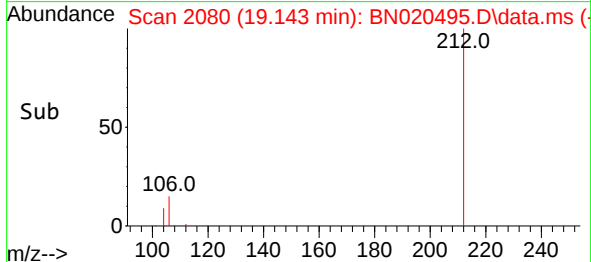
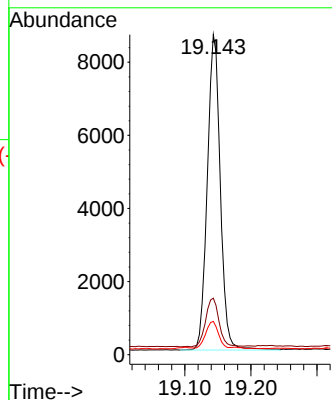
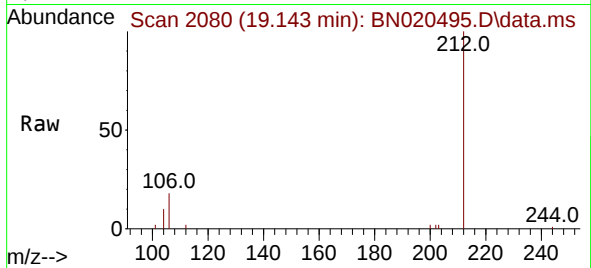




#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.143 min Scan# 2081
Delta R.T. -0.004 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

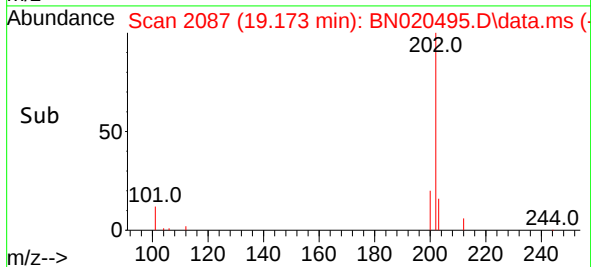
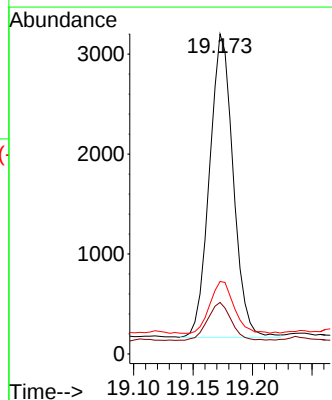
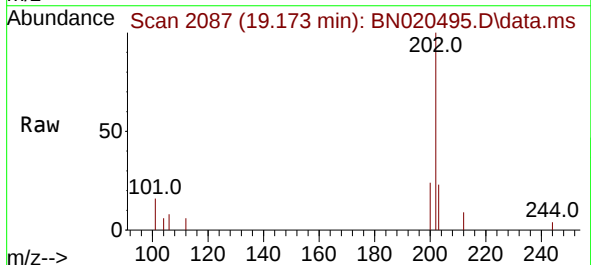
Instrument :
BNA_N
ClientSampleId :

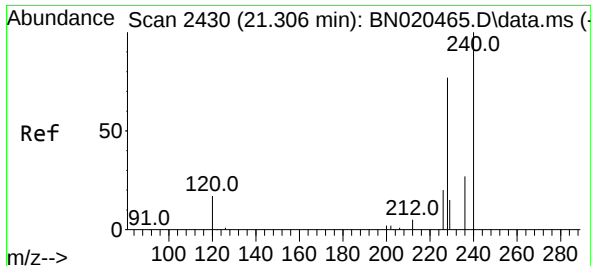
Tgt Ion:212 Resp: 11816
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 8.1 7.2 10.8



#28
Fluoranthene
Concen: 0.096 ng
RT: 19.173 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

Tgt Ion:202 Resp: 4212
Ion Ratio Lower Upper
202 100
101 13.1 9.6 14.4
203 17.5 13.5 20.3

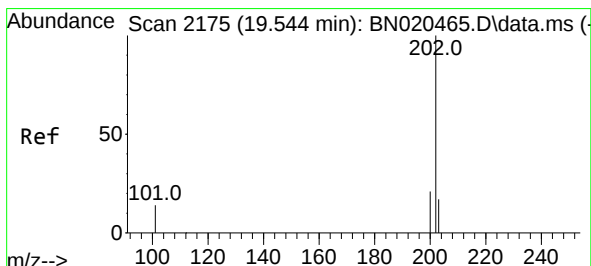
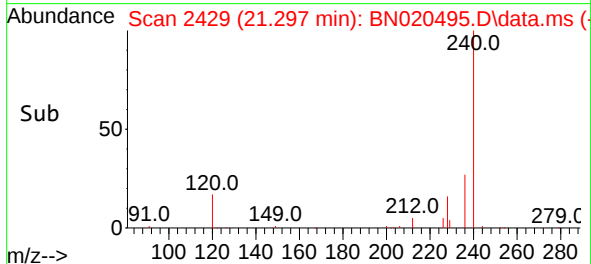
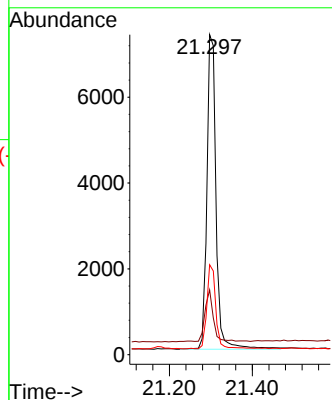
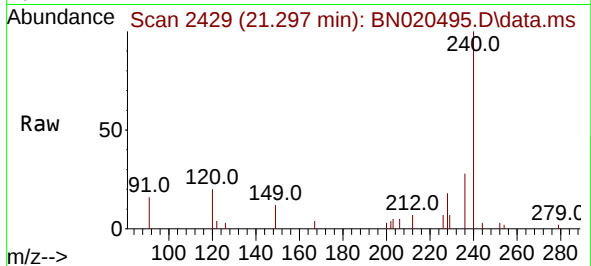




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.297 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

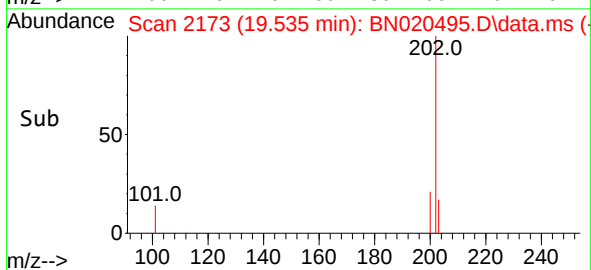
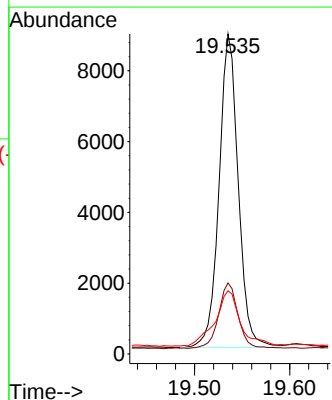
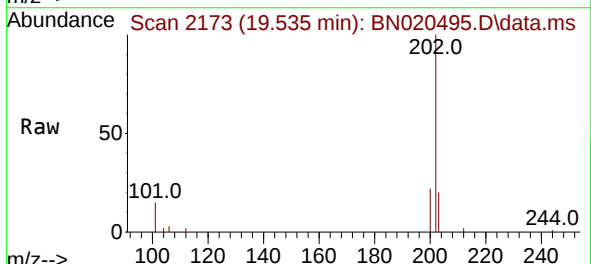
Instrument :
BNA_N
ClientSampleId :

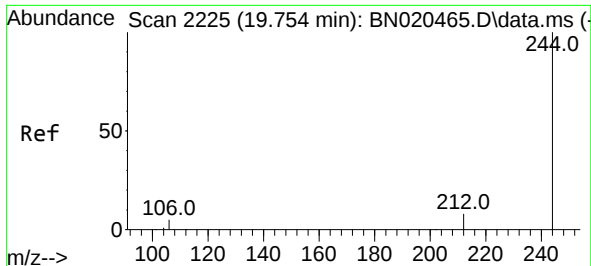
Tgt Ion:240 Resp: 11251
Ion Ratio Lower Upper
240 100
120 20.2 14.6 21.8
236 28.1 22.6 33.8



#30
Pyrene
Concen: 0.261 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.008 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

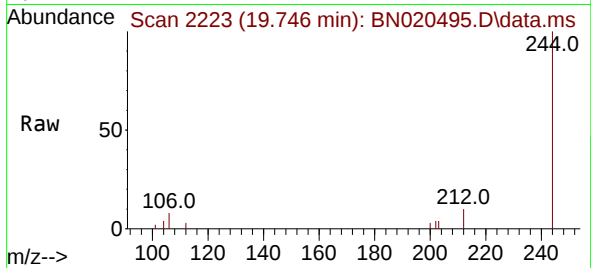
Tgt Ion:202 Resp: 12412
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 23.3 14.2 21.2#



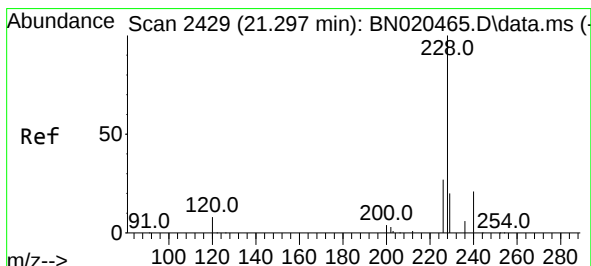
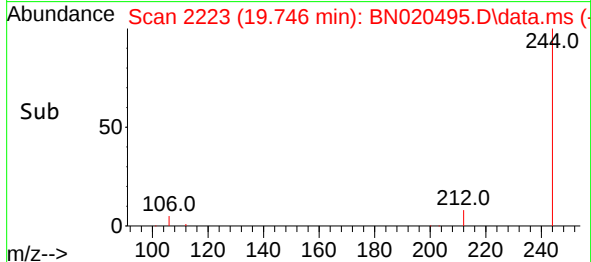
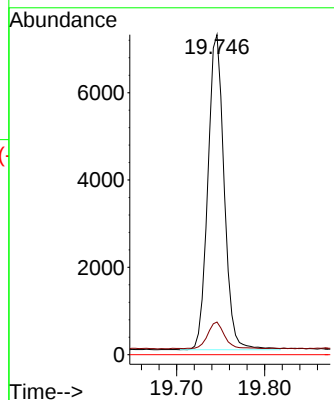


#31
 Terphenyl-d14
 Concen: 0.344 ng
 RT: 19.746 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN020495.D
 Acq: 27 Jun 2022 11:46

Instrument :
 BNA_N
 ClientSampleId :

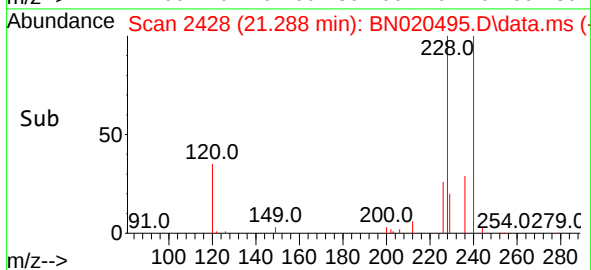
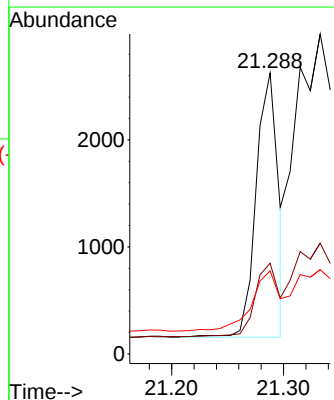
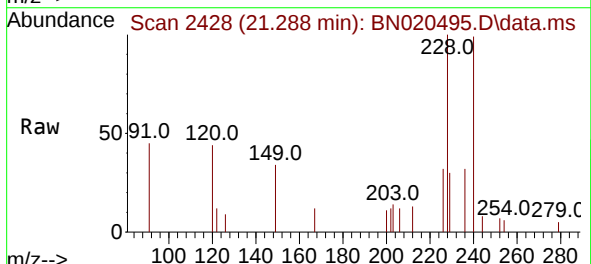


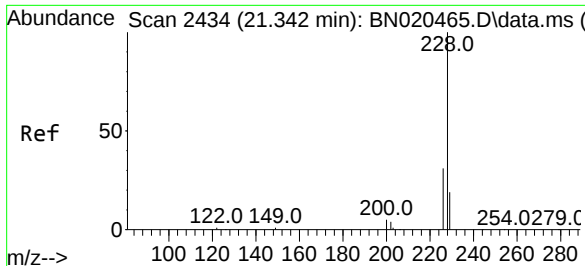
Tgt Ion:244 Resp: 9251
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.1 10.7
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.085 ng
 RT: 21.288 min Scan# 2428
 Delta R.T. -0.009 min
 Lab File: BN020495.D
 Acq: 27 Jun 2022 11:46

Tgt Ion:228 Resp: 3402
 Ion Ratio Lower Upper
 228 100
 226 32.3 21.2 31.8#
 229 29.5 15.6 23.4#





#33

Chrysene

Concen: 0.149 ng

RT: 21.333 min Scan# 2433

Delta R.T. -0.009 min

Lab File: BN020495.D

Acq: 27 Jun 2022 11:46

Instrument :

BNA_N

ClientSampleId :

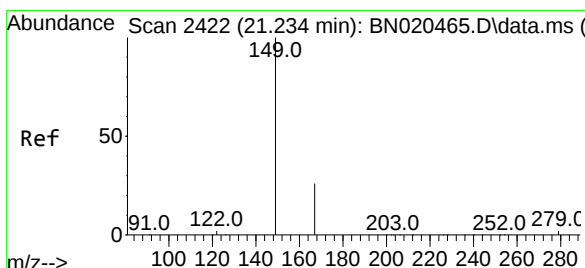
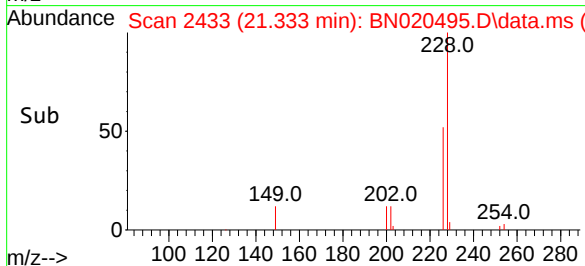
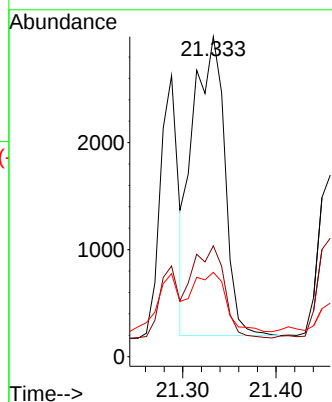
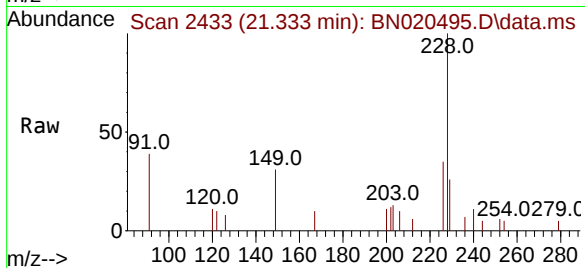
Tgt Ion:228 Resp: 6610

Ion Ratio Lower Upper

228 100

226 34.6 23.4 35.0

229 26.4 15.7 23.5#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.225 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN020495.D

Acq: 27 Jun 2022 11:46

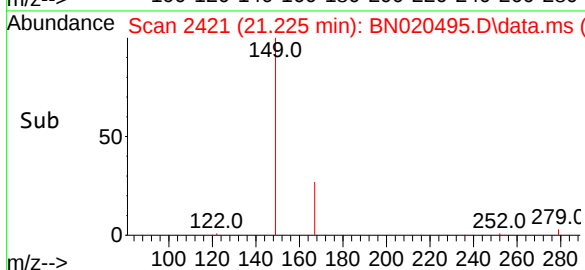
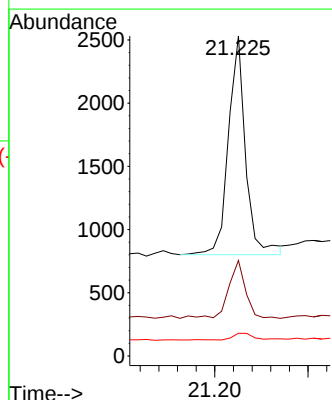
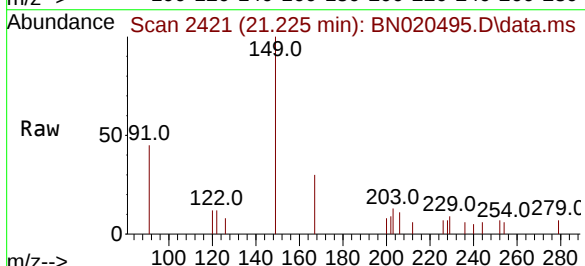
Tgt Ion:149 Resp: 2210

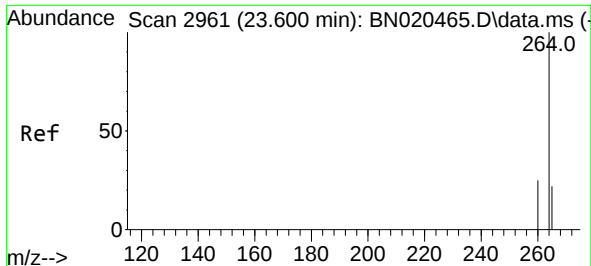
Ion Ratio Lower Upper

149 100

167 26.5 21.7 32.5

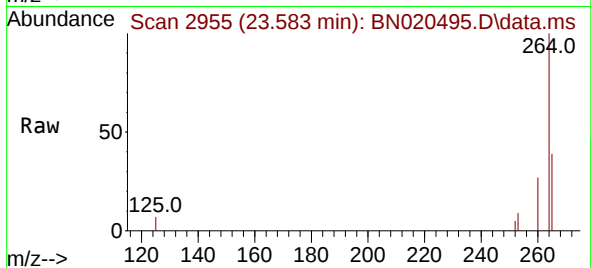
279 3.5 2.2 3.2#





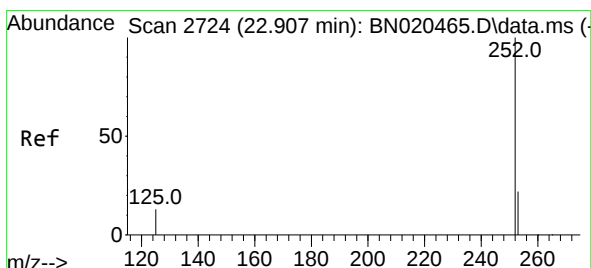
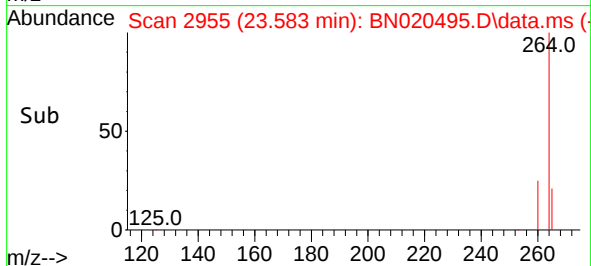
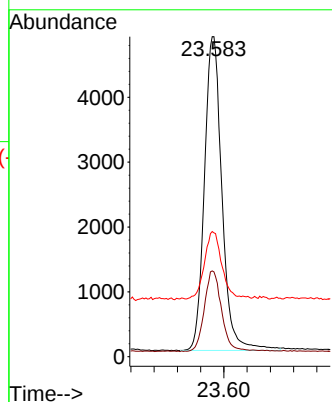
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.583 min Scan# 2961
 Delta R.T. -0.018 min
 Lab File: BN020495.D
 Acq: 27 Jun 2022 11:46

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 10151

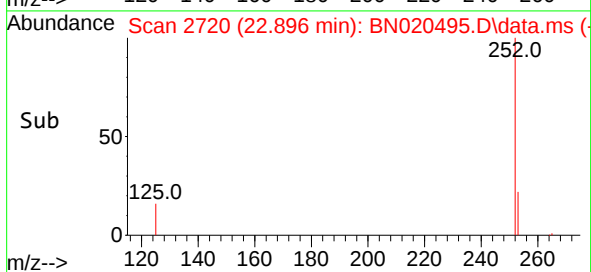
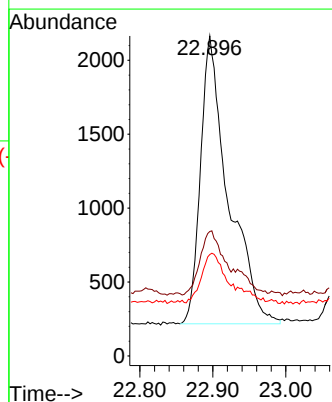
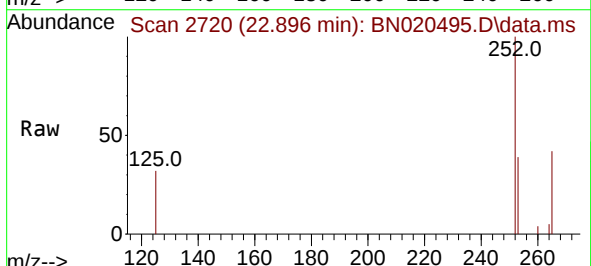
Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.9	31.3
265	38.7	28.0	42.0

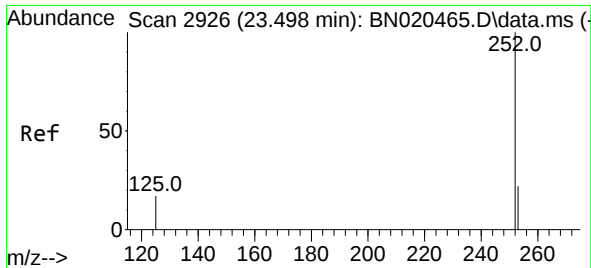


#37
 Benzo(b)fluoranthene
 Concen: 0.132 ng
 RT: 22.896 min Scan# 2720
 Delta R.T. -0.012 min
 Lab File: BN020495.D
 Acq: 27 Jun 2022 11:46

Tgt Ion:252 Resp: 5157

Ion	Ratio	Lower	Upper
252	100		
253	38.9	18.5	27.7#
125	31.7	11.4	17.0#





#39

Benzo(a)pyrene

Concen: 0.059 ng

RT: 23.483 min Scan# 2921

Delta R.T. -0.015 min

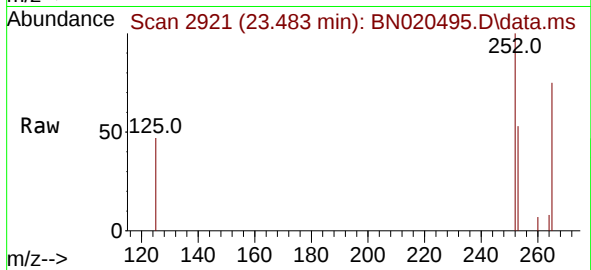
Lab File: BN020495.D

Acq: 27 Jun 2022 11:46

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:252 Resp: 2013

Ion Ratio Lower Upper

252 100

253 52.7 19.0 28.4#

125 47.3 13.8 20.8#

