

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
 Data File : BN019338.D
 Acq On : 05 Apr 2022 04:47
 Operator : CG/JU
 Sample : N2237-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A12015

Quant Time: Apr 05 05:59:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

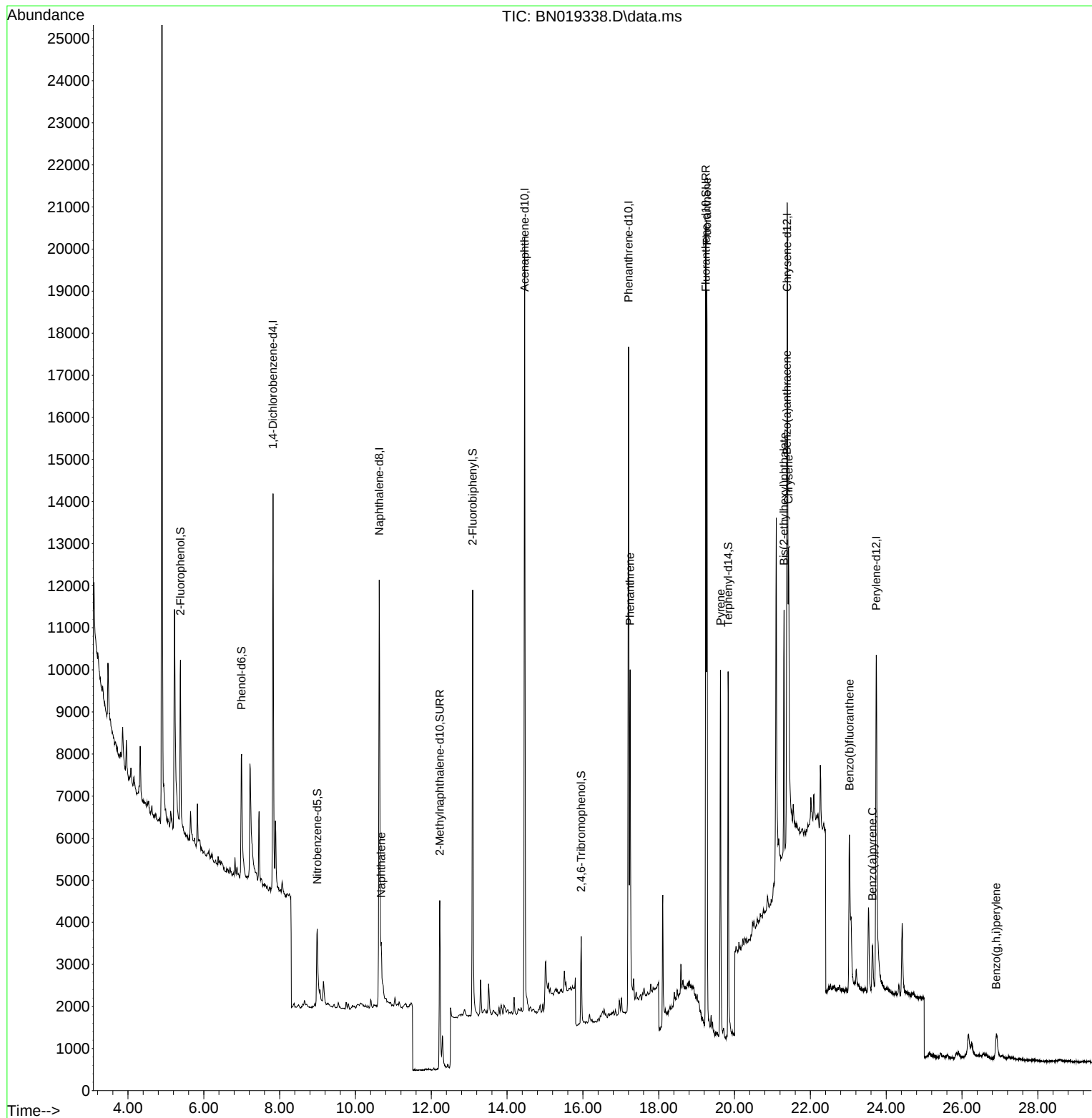
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5065	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	15608	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	10595	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	22968	0.400	ng	# 0.00
29) Chrysene-d12	21.386	240	17350	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	13886	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3261	0.240	ng	0.00
5) Phenol-d6	6.995	99	3470	0.213	ng	0.00
8) Nitrobenzene-d5	8.993	82	2531	0.178	ng	0.01
11) 2-Methylnaphthalene-d10	12.223	152	6920	0.252	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1300	0.202	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	9806	0.223	ng	0.00
27) Fluoranthene-d10	19.244	212	19897	0.269	ng	0.00
31) Terphenyl-d14	19.830	244	10570	0.280	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.680	128	1662	0.036	ng	# 80
25) Phenanthrene	17.246	178	8516	0.111	ng	98
28) Fluoranthene	19.269	202	14673	0.161	ng	99
30) Pyrene	19.628	202	8024	0.099	ng	97
32) Benzo(a)anthracene	21.377	228	3412	0.053	ng	# 85
33) Chrysene	21.422	228	6592	0.093	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.306	149	5719	0.120	ng	# 97
37) Benzo(b)fluoranthene	23.030	252	9254	0.170	ng	# 58
39) Benzo(a)pyrene	23.638	252	1802	0.037	ng	# 1
41) Benzo(g,h,i)perylene	26.904	276	1704	0.032	ng	# 65

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

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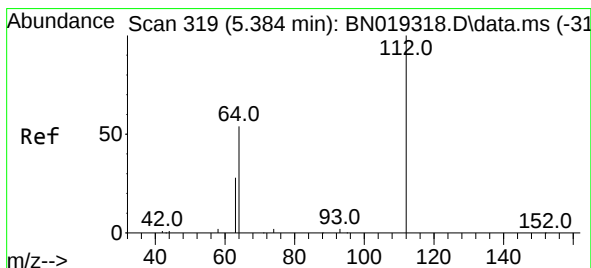
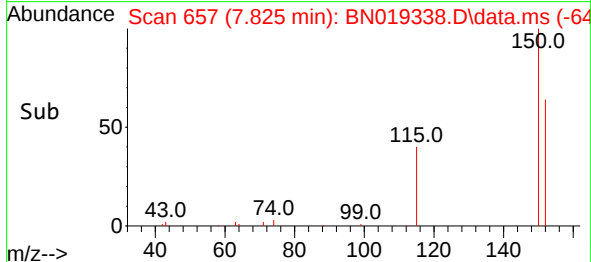
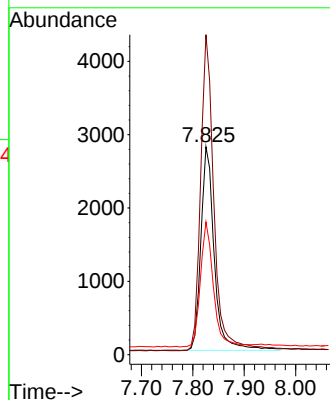
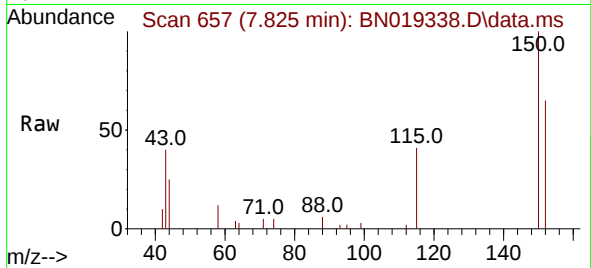




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 657
 Delta R.T. 0.000 min
 Lab File: BN019338.D
 Acq: 05 Apr 2022 04:47

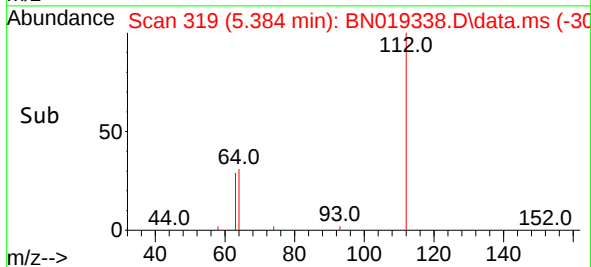
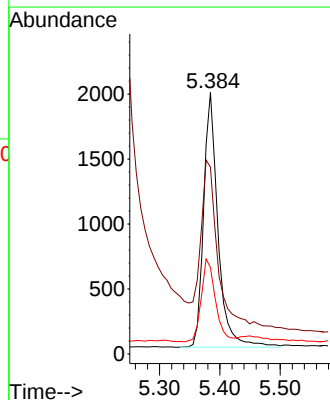
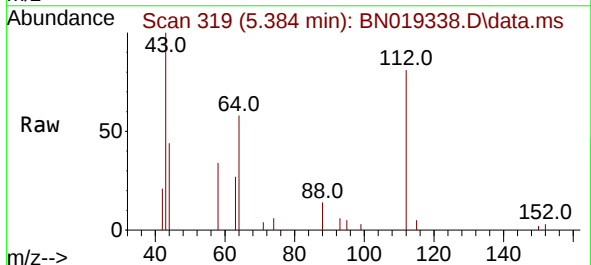
Instrument :
 BNA_N
 ClientSampleId :
 A12015

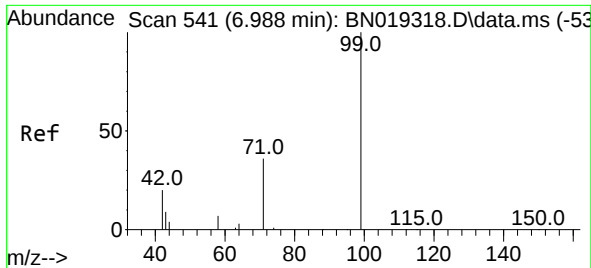
Tgt Ion:152 Resp: 5065
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.9 185.9
 115 63.9 48.2 72.4



#4
 2-Fluorophenol
 Concen: 0.240 ng
 RT: 5.384 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: BN019338.D
 Acq: 05 Apr 2022 04:47

Tgt Ion:112 Resp: 3261
 Ion Ratio Lower Upper
 112 100
 64 80.1 47.8 71.8#
 63 32.4 25.7 38.5





#5

Phenol-d6

Concen: 0.213 ng

RT: 6.995 min Scan# 541

Delta R.T. 0.007 min

Lab File: BN019338.D

Acq: 05 Apr 2022 04:47

Instrument :

BNA_N

ClientSampleId :

A12015

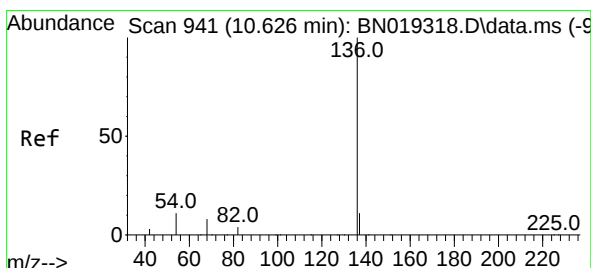
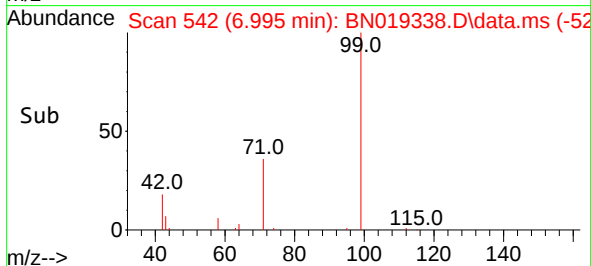
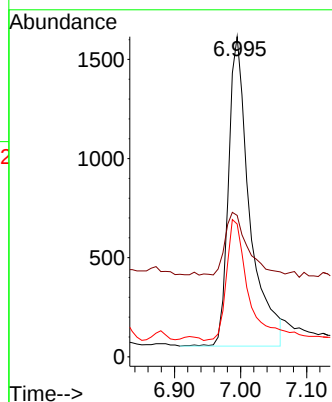
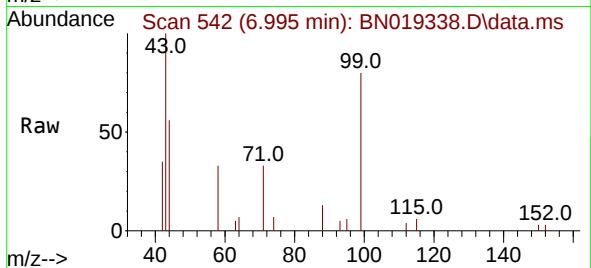
Tgt Ion: 99 Resp: 3470

Ion Ratio Lower Upper

99 100

42 20.4 16.2 24.4

71 39.1 27.7 41.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.626 min Scan# 941

Delta R.T. -0.000 min

Lab File: BN019338.D

Acq: 05 Apr 2022 04:47

Tgt Ion: 136 Resp: 15608

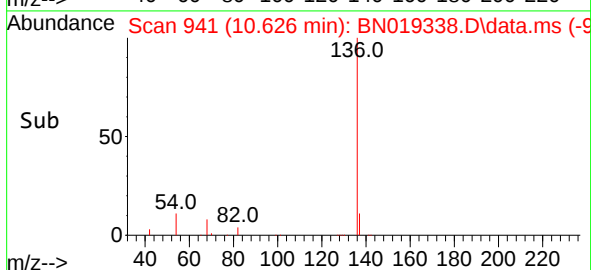
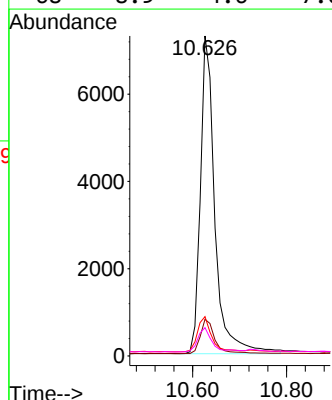
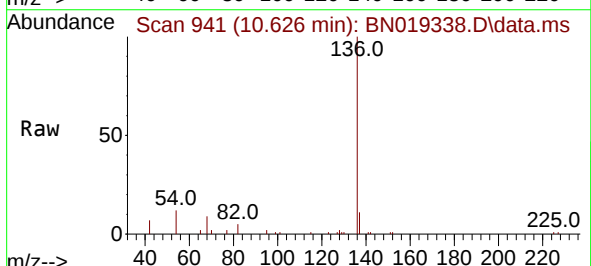
Ion Ratio Lower Upper

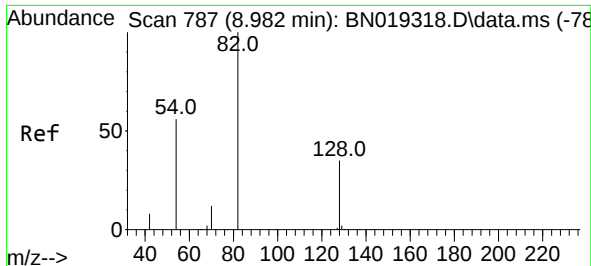
136 100

137 11.4 9.0 13.4

54 12.3 5.8 8.6#

68 8.9 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.178 ng
RT: 8.993 min Scan# 787
Delta R.T. 0.011 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

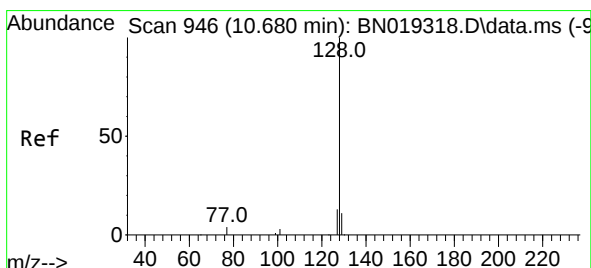
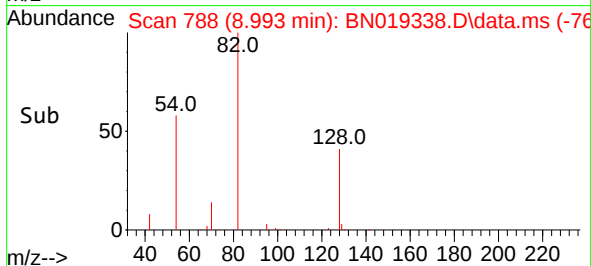
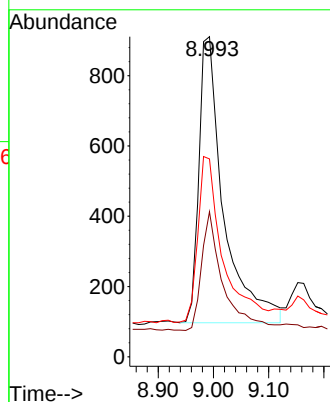
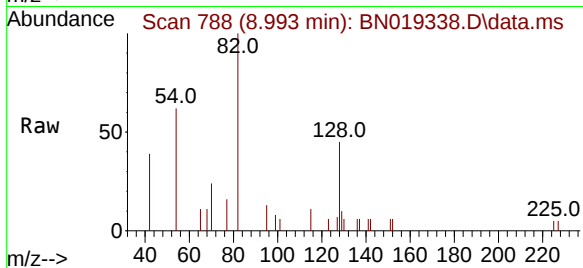
Instrument :

BNA_N

ClientSampleId :

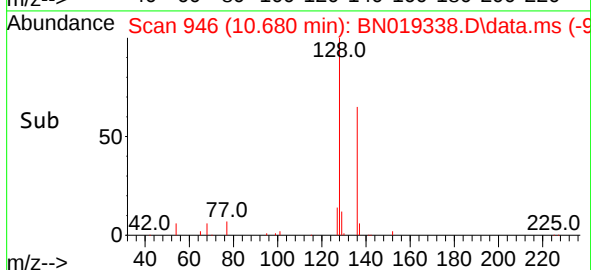
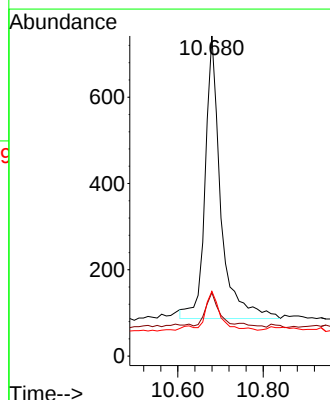
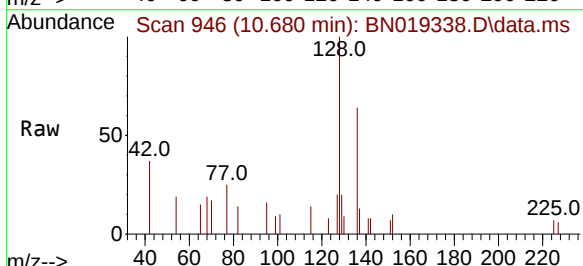
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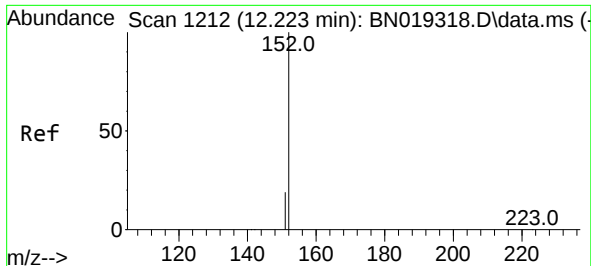
Tgt Ion: 82 Resp: 2531
Ion Ratio Lower Upper
82 100
128 45.3 33.0 49.6
54 61.8 42.5 63.7



#9
Naphthalene
Concen: 0.036 ng
RT: 10.680 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

Tgt Ion: 128 Resp: 1662
Ion Ratio Lower Upper
128 100
129 19.8 9.0 13.4#
127 20.2 10.7 16.1#

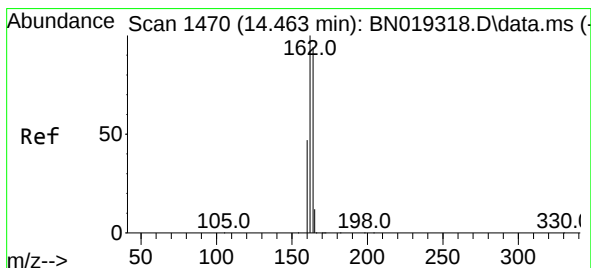
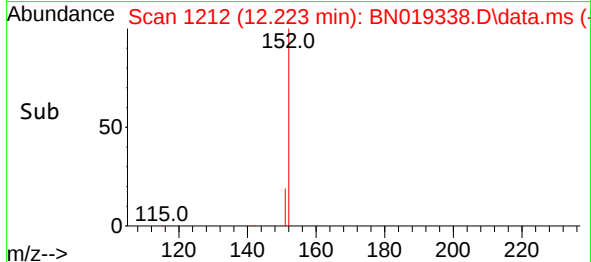
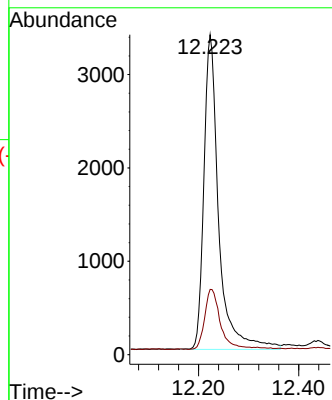
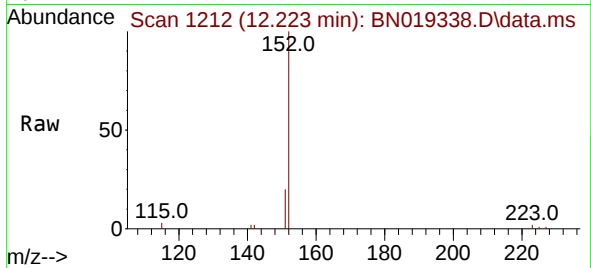




#11
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 12.223 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

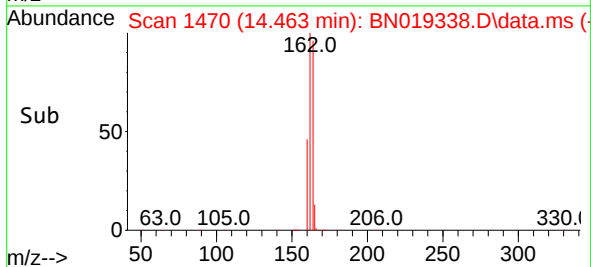
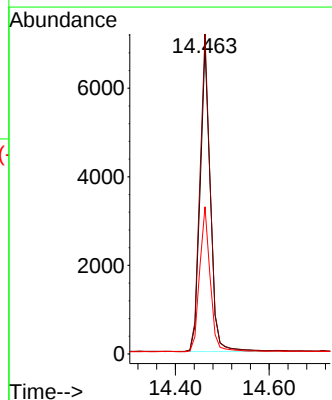
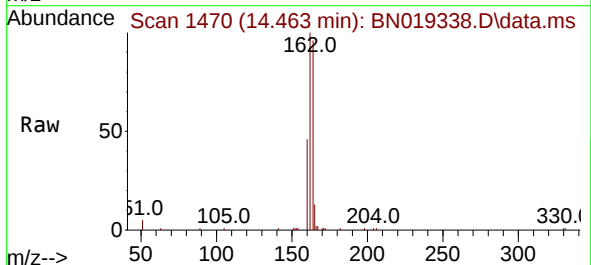
Instrument :
BNA_N
ClientSampleId :
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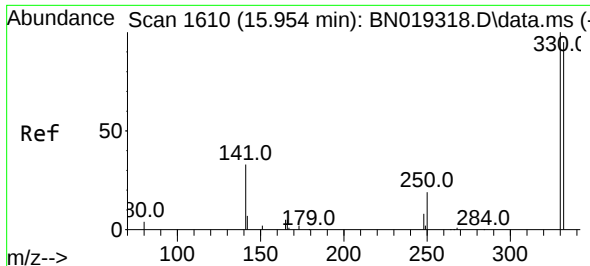
Tgt Ion:152 Resp: 6920
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

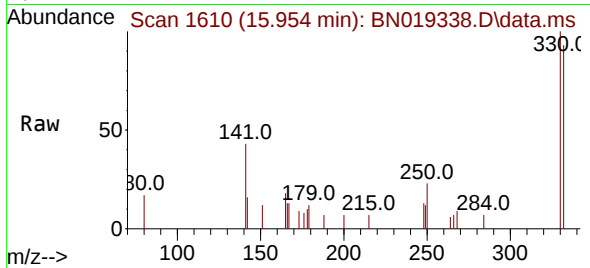
Tgt Ion:164 Resp: 10595
Ion Ratio Lower Upper
164 100
162 103.8 85.2 127.8
160 47.7 41.5 62.3



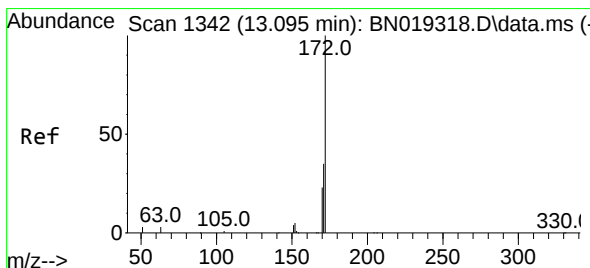
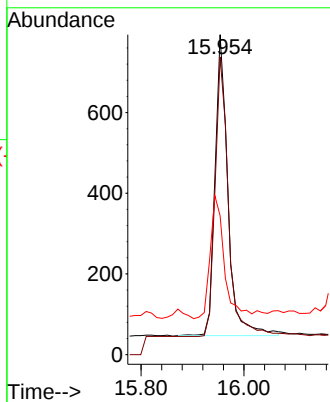
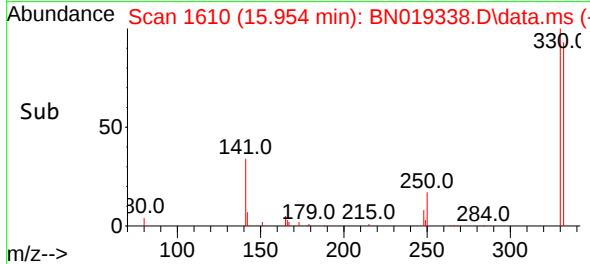


#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

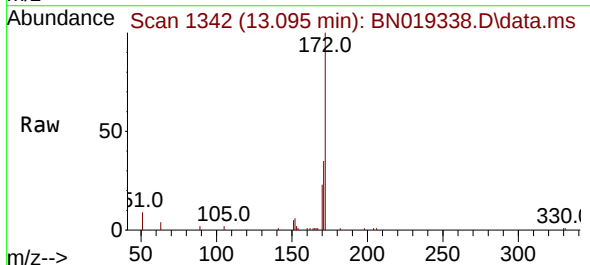
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ClientSampleId :
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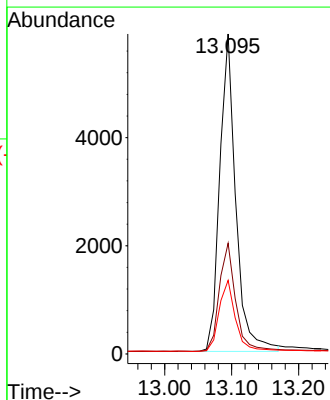
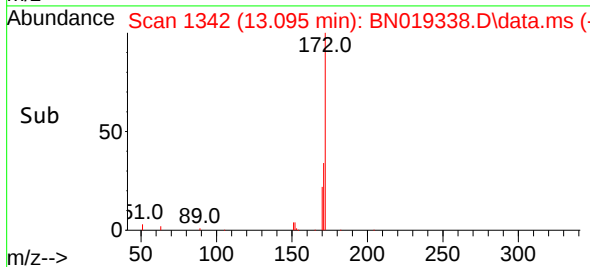
Tgt Ion: 330 Resp: 1300
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 44.8 32.2 48.2

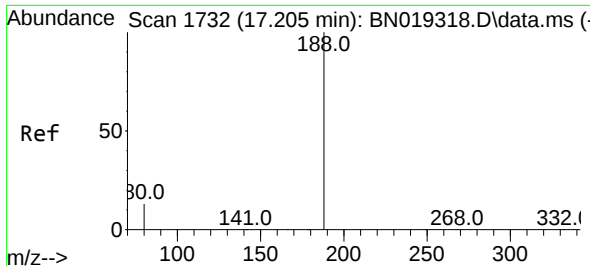


#15
2-Fluorobiphenyl
Concen: 0.223 ng
RT: 13.095 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47



Tgt Ion: 172 Resp: 9806
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.0 18.7 28.1

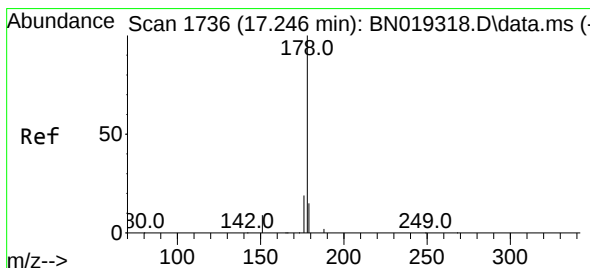
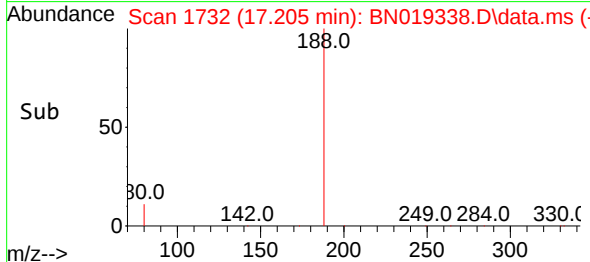
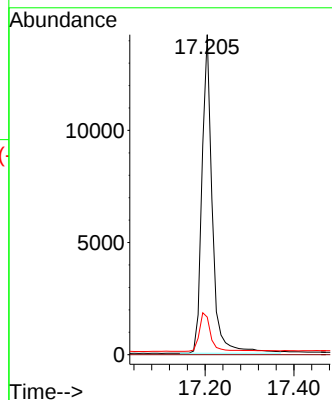
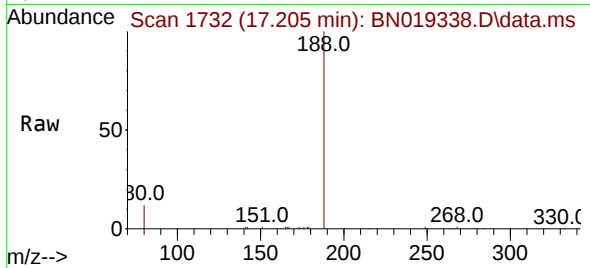




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

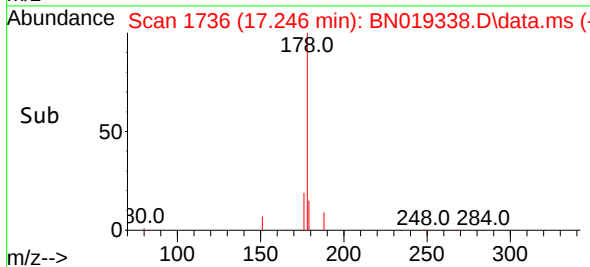
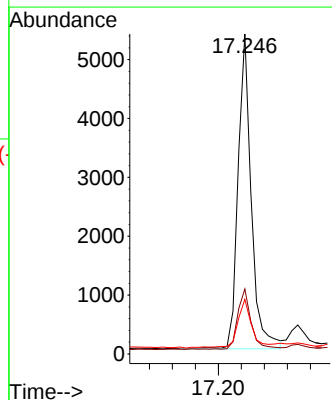
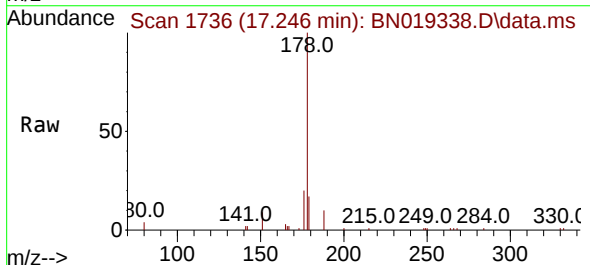
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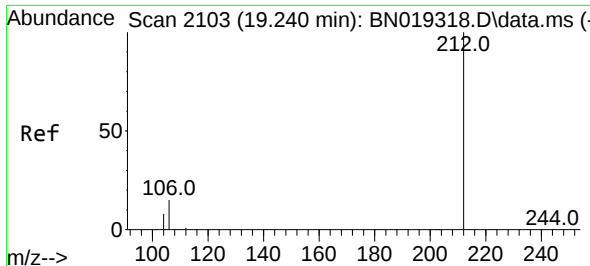
Tgt Ion:188 Resp: 22968
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 11.8 17.8#



#25
Phenanthrene
Concen: 0.111 ng
RT: 17.246 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

Tgt Ion:178 Resp: 8516
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.5 12.2 18.2

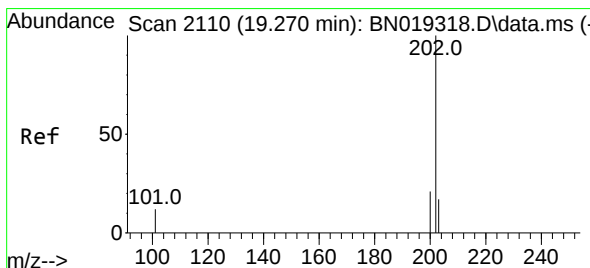
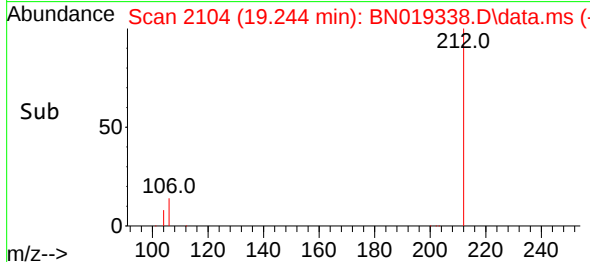
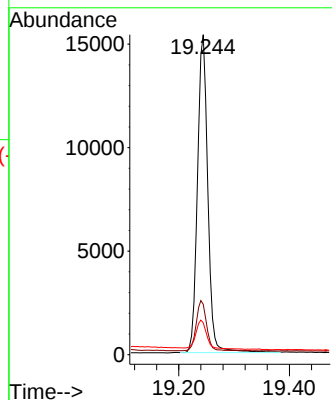
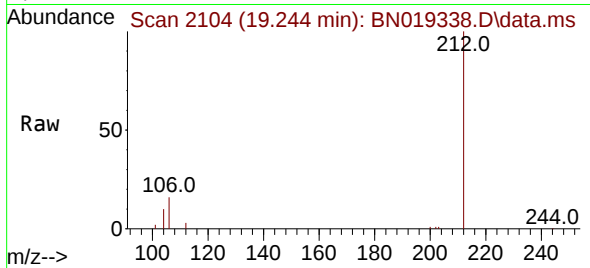




#27
Fluoranthene-d10
Concen: 0.269 ng
RT: 19.244 min Scan# 2103
Delta R.T. 0.004 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

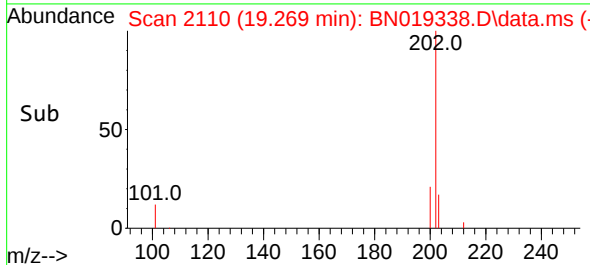
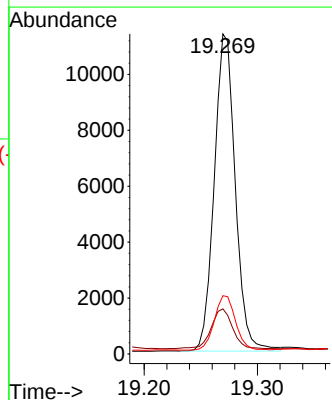
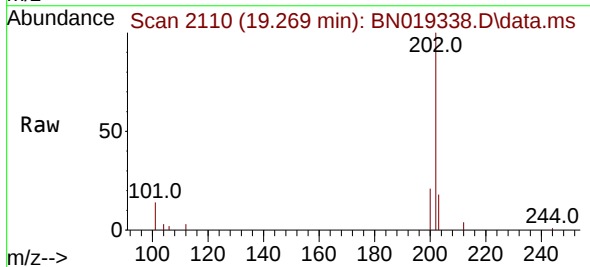
Instrument :
BNA_N
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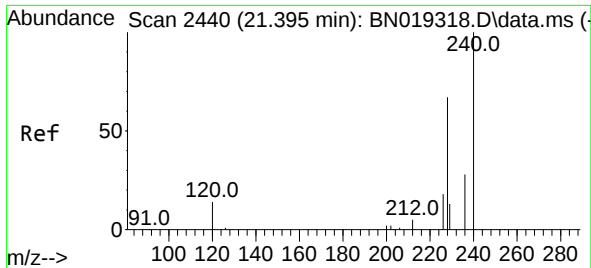
Tgt Ion:212 Resp: 19897
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 10.0 7.1 10.7



#28
Fluoranthene
Concen: 0.161 ng
RT: 19.269 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

Tgt Ion:202 Resp: 14673
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.6
203 17.2 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.386 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BN019338.D

Acq: 05 Apr 2022 04:47

Instrument :

BNA_N

ClientSampleId :

A12015

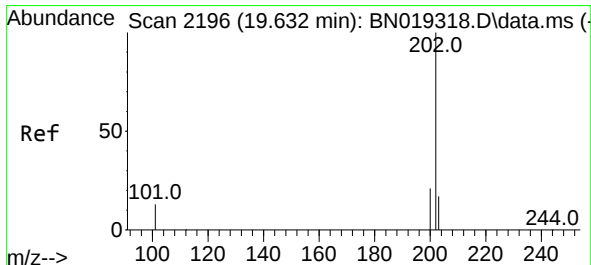
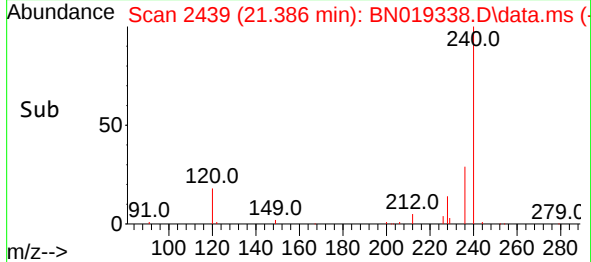
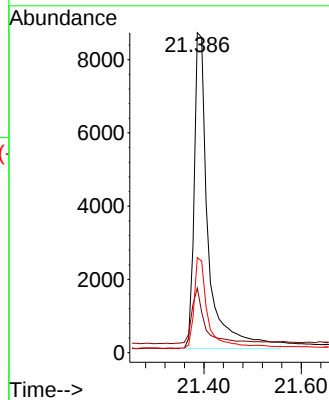
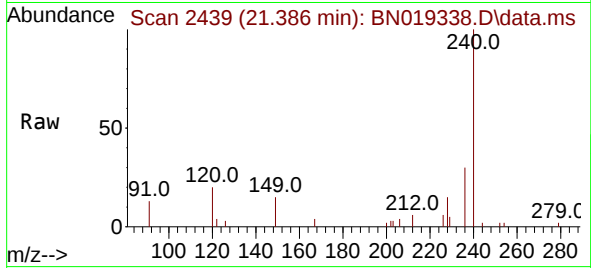
Tgt Ion:240 Resp: 17350

Ion Ratio Lower Upper

240 100

120 20.2 8.5 12.7#

236 29.7 22.4 33.6



#30

Pyrene

Concen: 0.099 ng

RT: 19.628 min Scan# 2195

Delta R.T. -0.004 min

Lab File: BN019338.D

Acq: 05 Apr 2022 04:47

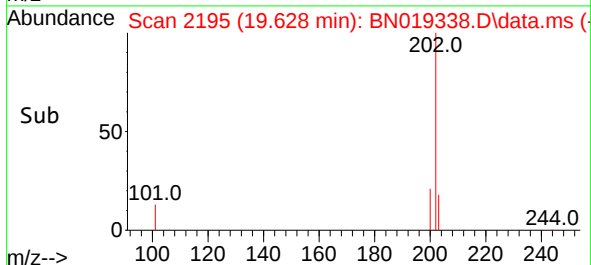
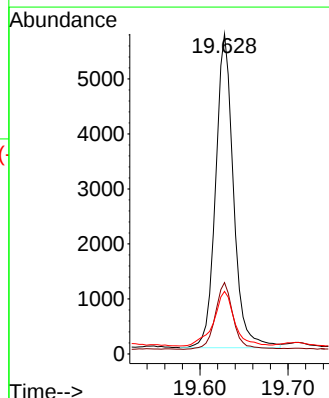
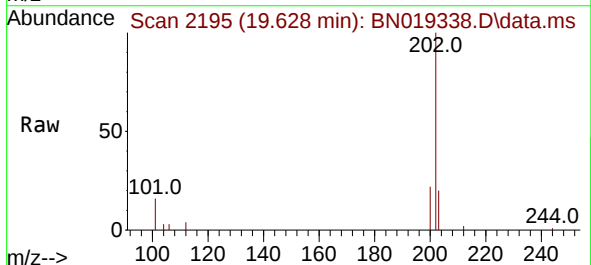
Tgt Ion:202 Resp: 8024

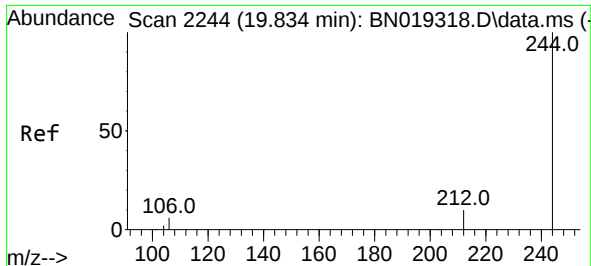
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 20.2 14.2 21.2

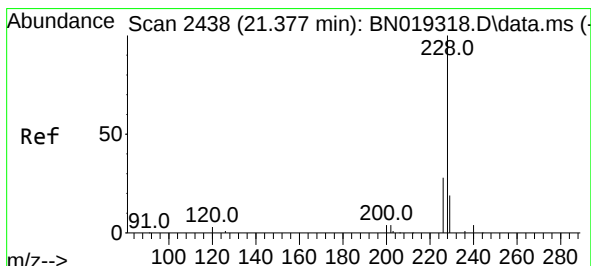
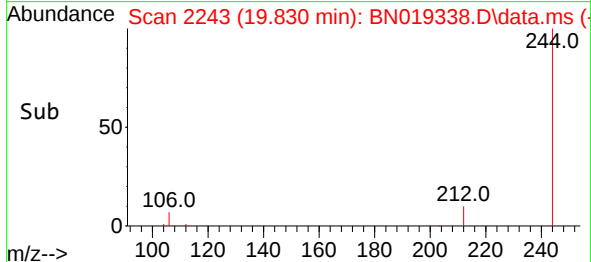
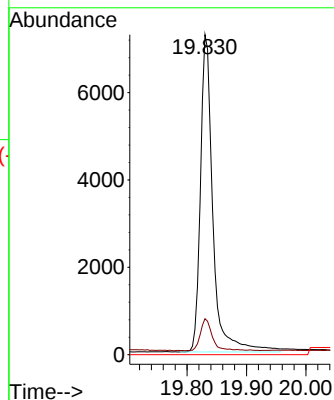
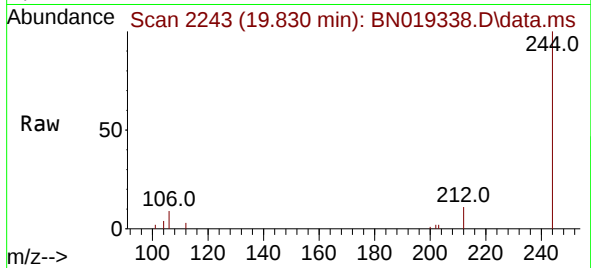




#31
Terphenyl-d14
Concen: 0.280 ng
RT: 19.830 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

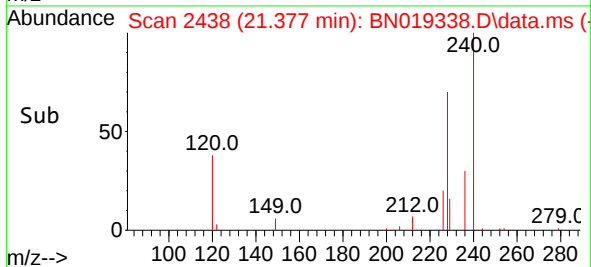
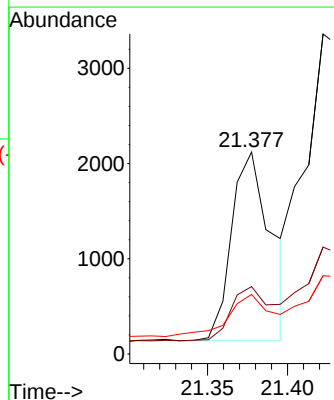
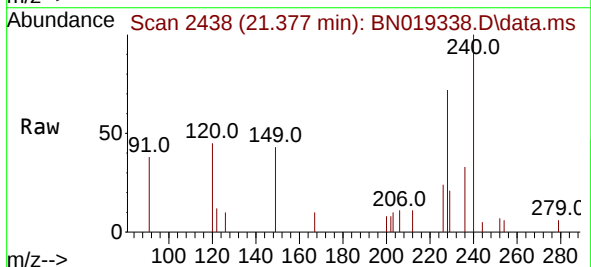
Instrument :
BNA_N
ClientSampleId :
A12015

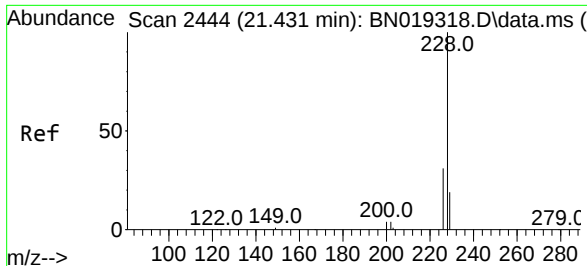
Tgt Ion:244 Resp: 10570
Ion Ratio Lower Upper
244 100
212 11.2 8.2 12.4
122 0.0 0.0 0.0



#32
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.377 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN019338.D
Acq: 05 Apr 2022 04:47

Tgt Ion:228 Resp: 3412
Ion Ratio Lower Upper
228 100
226 33.4 21.9 32.9#
229 29.5 16.0 24.0#





#33

Chrysene

Concen: 0.093 ng

RT: 21.422 min Scan# 2444

Delta R.T. -0.009 min

Lab File: BN019338.D

Acq: 05 Apr 2022 04:47

Instrument :

BNA_N

ClientSampleId :

A12015

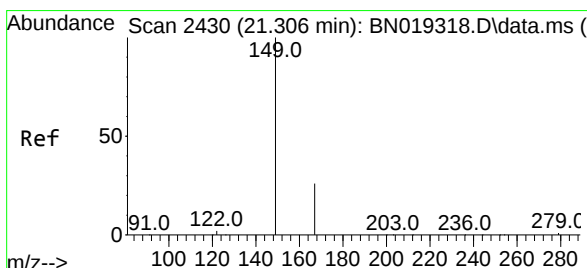
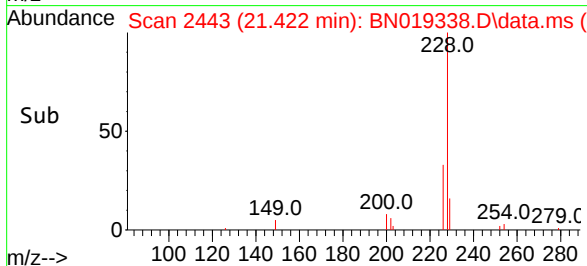
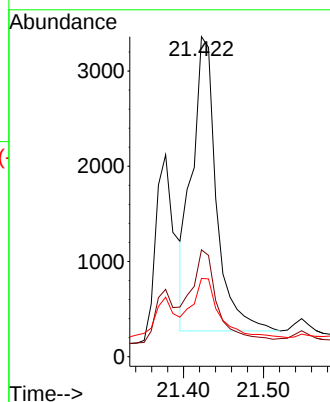
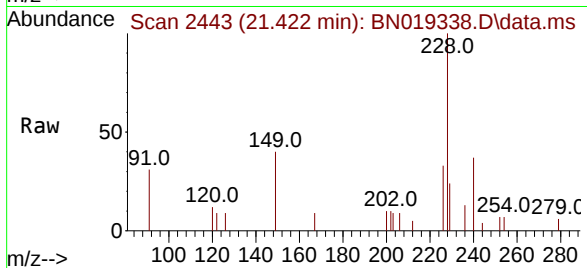
Tgt Ion:228 Resp: 6592

Ion Ratio Lower Upper

228 100

226 33.4 24.0 36.0

229 24.5 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.120 ng

RT: 21.306 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BN019338.D

Acq: 05 Apr 2022 04:47

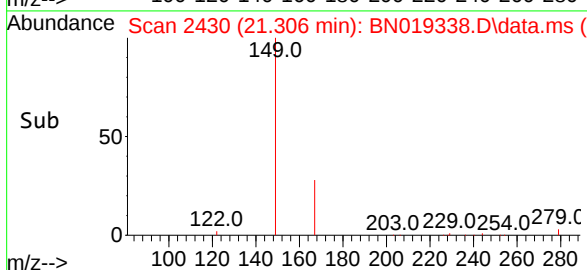
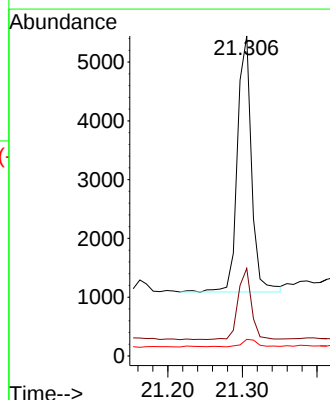
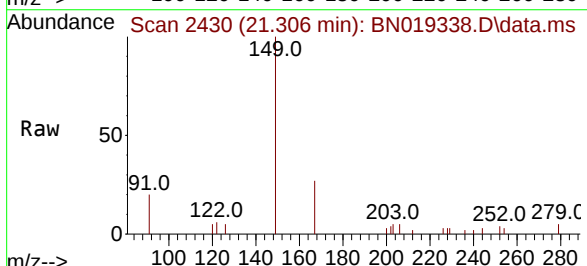
Tgt Ion:149 Resp: 5719

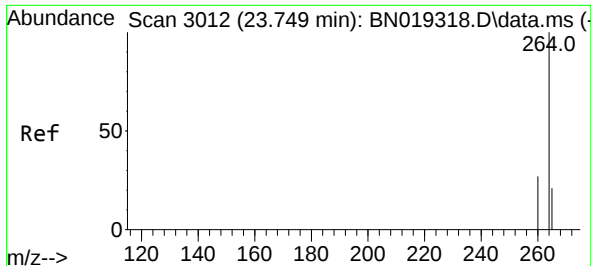
Ion Ratio Lower Upper

149 100

167 25.8 21.8 32.8

279 3.3 2.0 3.0#

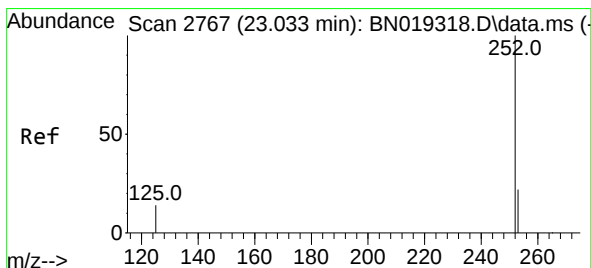
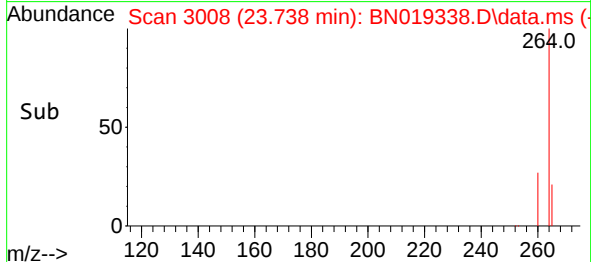
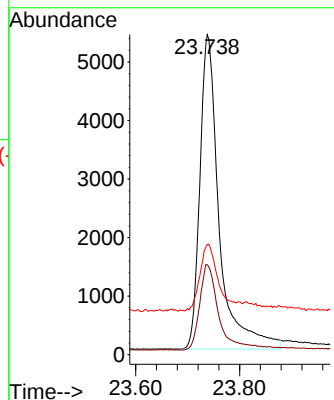
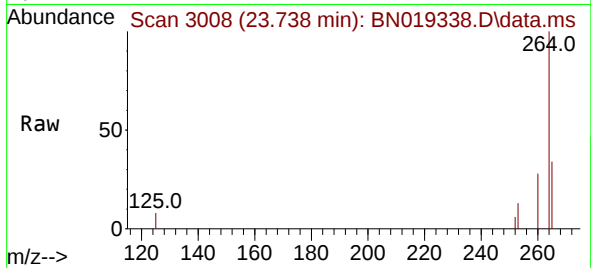




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 3012
 Delta R.T. -0.012 min
 Lab File: BN019338.D
 Acq: 05 Apr 2022 04:47

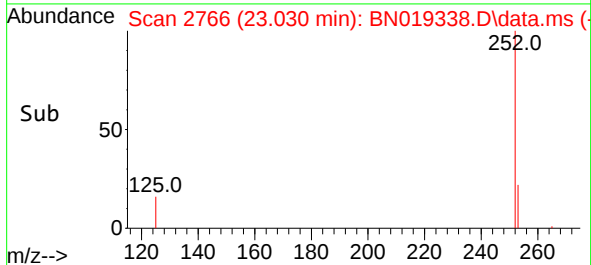
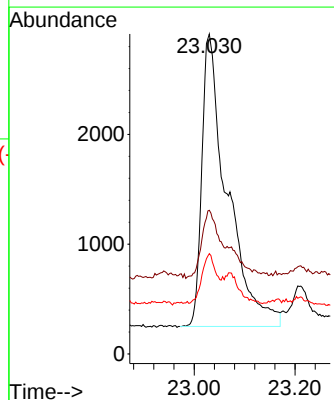
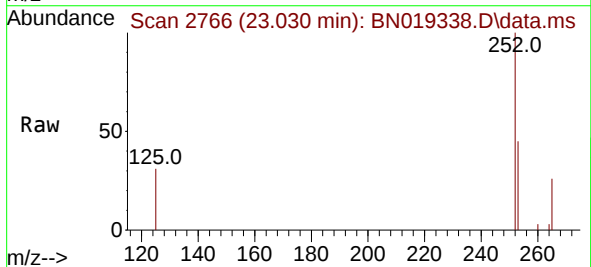
Instrument :
 BNA_N
 ClientSampleId :
 A12015

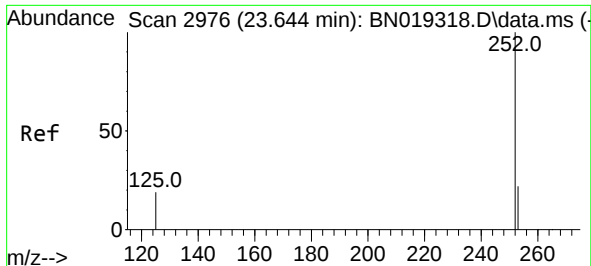
Tgt Ion:264 Resp: 13886
 Ion Ratio Lower Upper
 264 100
 260 28.1 22.4 33.6
 265 34.4 25.3 37.9



#37
 Benzo(b)fluoranthene
 Concen: 0.170 ng
 RT: 23.030 min Scan# 2766
 Delta R.T. -0.003 min
 Lab File: BN019338.D
 Acq: 05 Apr 2022 04:47

Tgt Ion:252 Resp: 9254
 Ion Ratio Lower Upper
 252 100
 253 44.9 18.9 28.3#
 125 31.4 12.1 18.1#





#39

Benzo(a)pyrene

Concen: 0.037 ng

RT: 23.638 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BN019338.D

Acq: 05 Apr 2022 04:47

Instrument :

BNA_N

ClientSampleId :

A12015

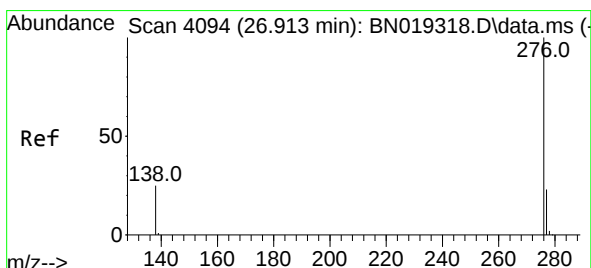
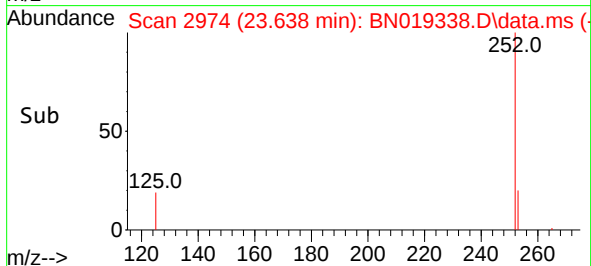
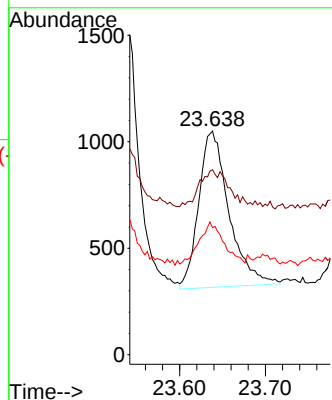
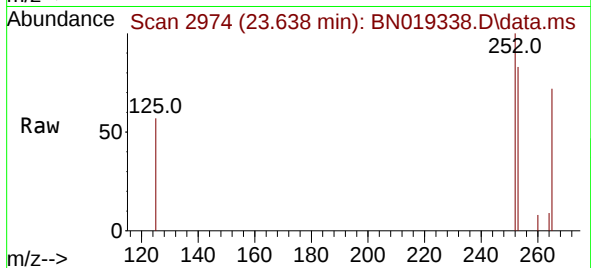
Tgt Ion:252 Resp: 1802

Ion Ratio Lower Upper

252 100

253 82.7 20.1 30.1#

125 56.8 15.2 22.8#



#41

Benzo(g,h,i)perylene

Concen: 0.032 ng

RT: 26.904 min Scan# 4091

Delta R.T. -0.009 min

Lab File: BN019338.D

Acq: 05 Apr 2022 04:47

Tgt Ion:276 Resp: 1704

Ion Ratio Lower Upper

276 100

277 39.0 19.4 29.0#

138 46.3 21.0 31.6#

