

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
 Data File : BN019342.D
 Acq On : 05 Apr 2022 07:10
 Operator : CG/JU
 Sample : N2237-02 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A13015

Quant Time: Apr 05 07:49:40 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)

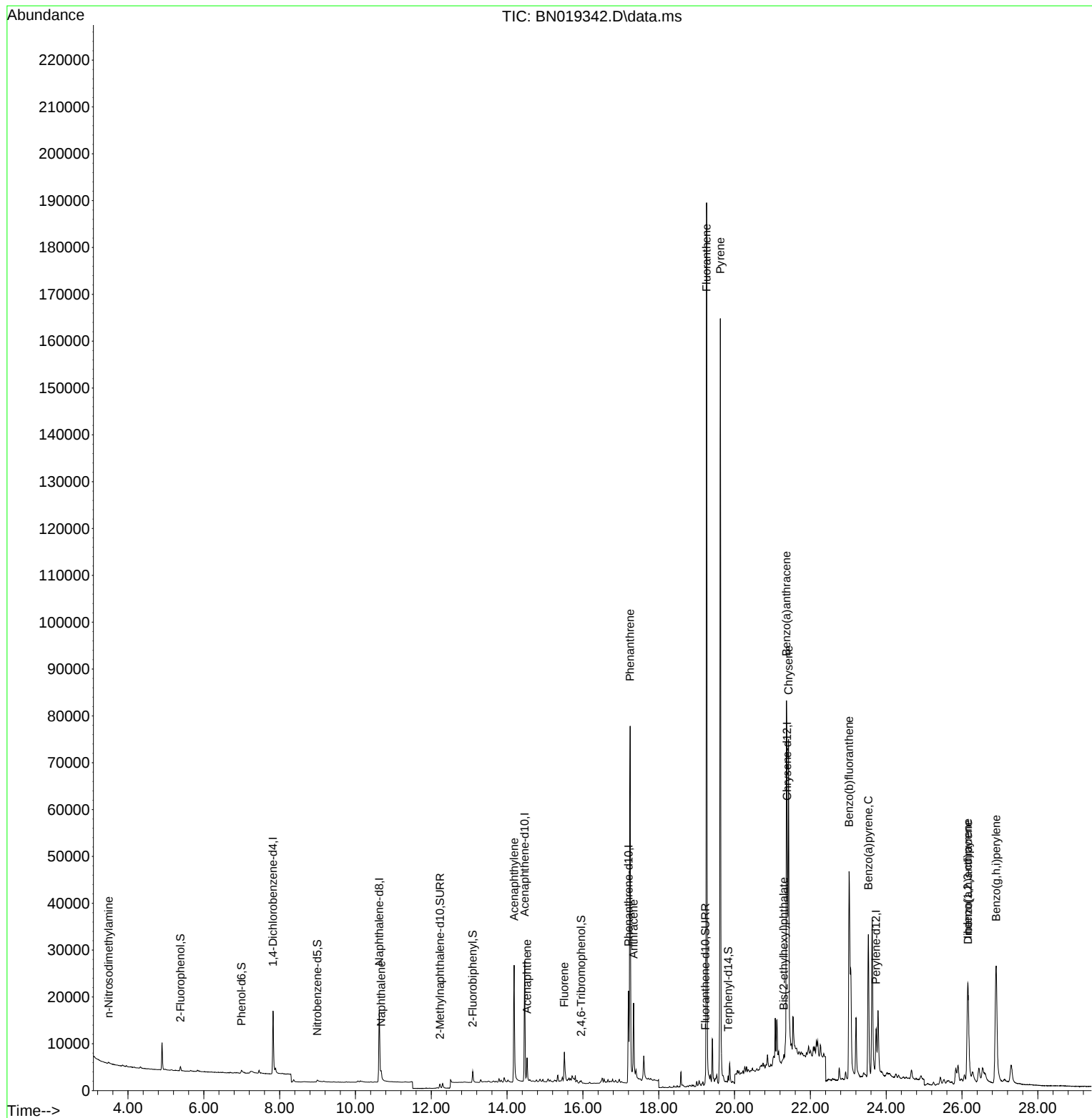
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	7856	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	23625	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	14426	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	28814	0.400	ng	# 0.00
29) Chrysene-d12	21.386	240	20636	0.400	ng	# 0.00
35) Perylene-d12	23.735	264	15023	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	819	0.039	ng	0.00
5) Phenol-d6	6.995	99	802	0.032	ng	0.00
8) Nitrobenzene-d5	8.993	82	710	0.033	ng	0.01
11) 2-Methylnaphthalene-d10	12.227	152	1713	0.041	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	263	0.030	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	2439	0.041	ng	0.00
27) Fluoranthene-d10	19.232	212	2503	0.027	ng	0.00
31) Terphenyl-d14	19.830	244	1597	0.036	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.492	42	254	0.020	ng	# 1
9) Naphthalene	10.680	128	2642	0.038	ng	# 89
16) Acenaphthylene	14.185	152	32210	0.450	ng	100
17) Acenaphthene	14.527	154	2643	0.056	ng	97
18) Fluorene	15.511	166	4712	0.075	ng	98
25) Phenanthrene	17.246	178	85189	0.881	ng	100
26) Anthracene	17.338	178	21564	0.254	ng	99
28) Fluoranthene	19.261	202	173513	1.513	ng	100
30) Pyrene	19.624	202	149559	1.558	ng	97
32) Benzo(a)anthracene	21.369	228	70191	0.921	ng	96
33) Chrysene	21.422	228	63855	0.754	ng	97
34) Bis(2-ethylhexyl)phtha...	21.297	149	1701	0.030	ng	# 83
36) Indeno(1,2,3-cd)pyrene	26.153	276	42461	0.675	ng	# 88
37) Benzo(b)fluoranthene	23.021	252	77703	1.320	ng	98
39) Benzo(a)pyrene	23.530	252	44655	0.844	ng	98
40) Dibenzo(a,h)anthracene	26.161	278	8070	0.166	ng	# 85
41) Benzo(g,h,i)perylene	26.901	276	60631	1.040	ng	99

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

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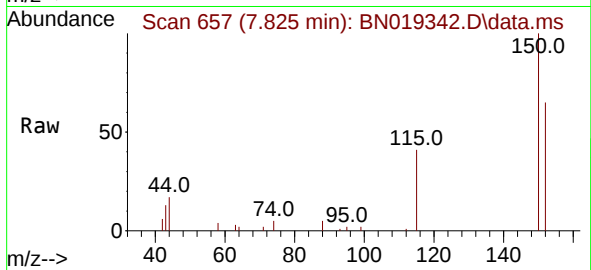
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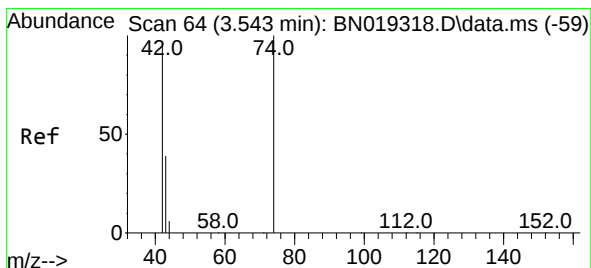
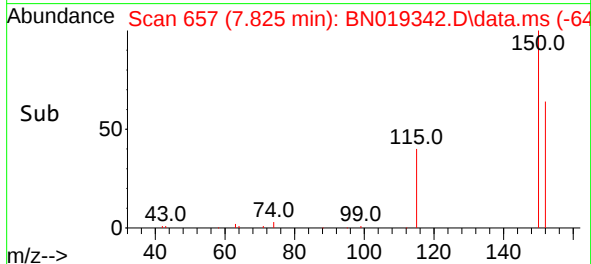
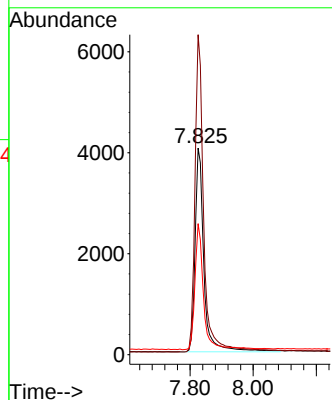


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Instrument :
BNA_N
ClientSampleId :
A13015

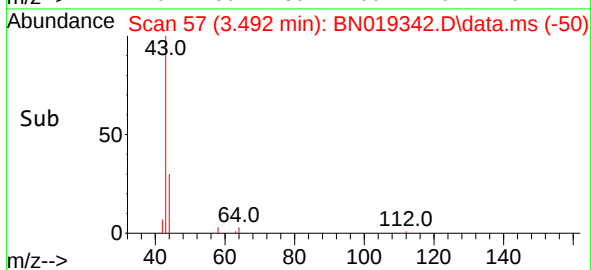
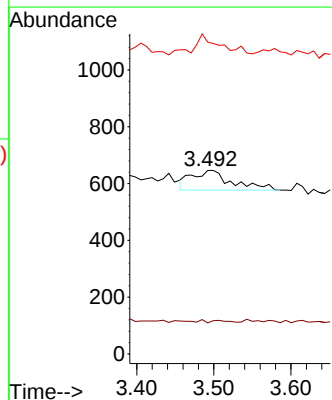
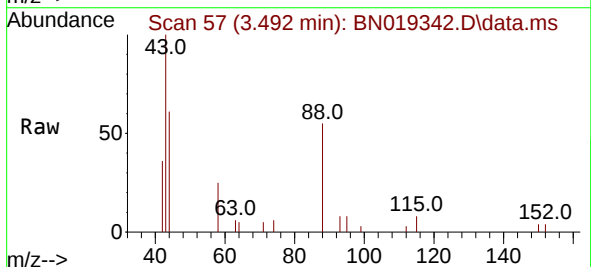


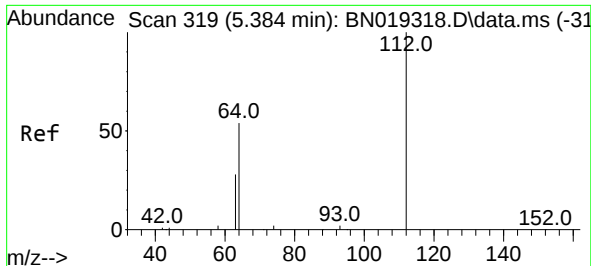
Tgt Ion:152 Resp: 7856
Ion Ratio Lower Upper
152 100
150 154.9 123.9 185.9
115 63.5 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.492 min Scan# 57
Delta R.T. -0.051 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Tgt Ion: 42 Resp: 254
Ion Ratio Lower Upper
42 100
74 2.0 96.9 145.3#
44 56.3 7.3 10.9#

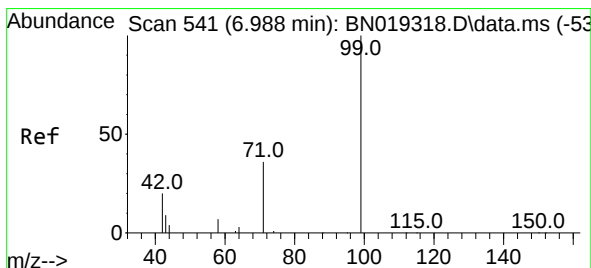
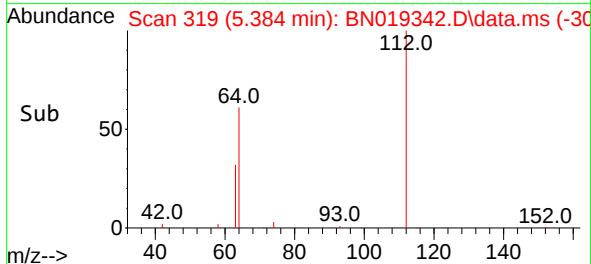
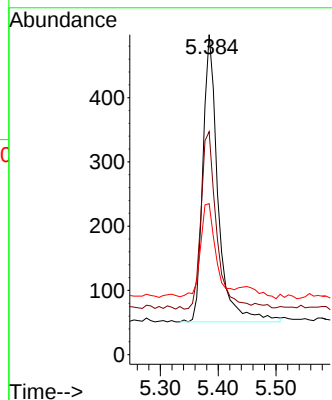
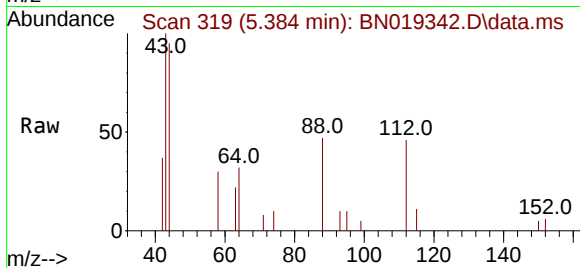




#4
2-Fluorophenol
Concen: 0.039 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

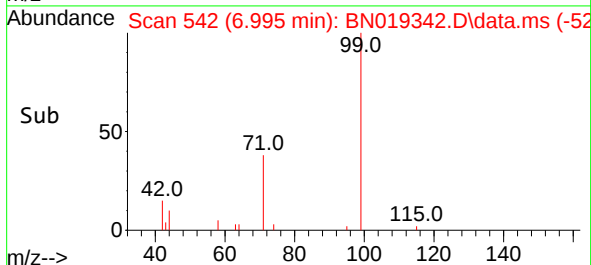
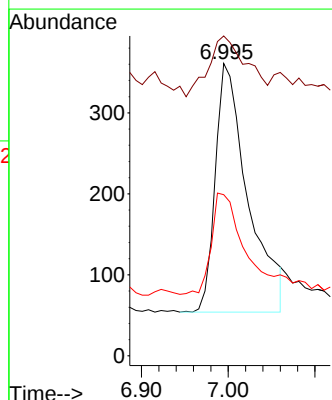
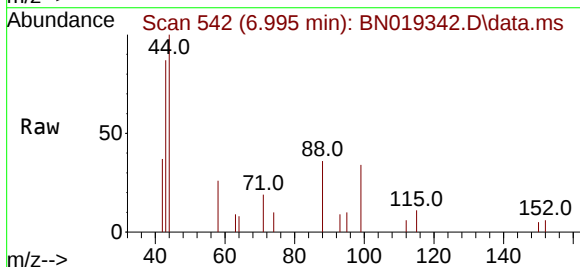
Instrument :
BNA_N
ClientSampleId :
A13015

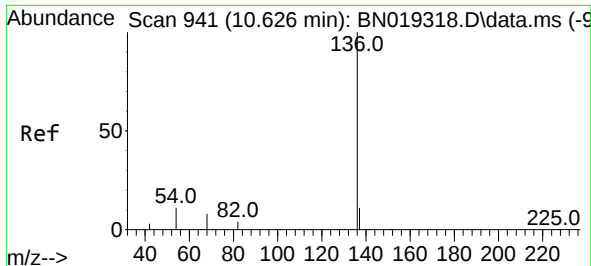
Tgt Ion:112 Resp: 819
Ion Ratio Lower Upper
112 100
64 63.0 47.8 71.8
63 33.2 25.7 38.5



#5
Phenol-d6
Concen: 0.032 ng
RT: 6.995 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Tgt Ion: 99 Resp: 802
Ion Ratio Lower Upper
99 100
42 28.3 16.2 24.4#
71 40.1 27.7 41.5

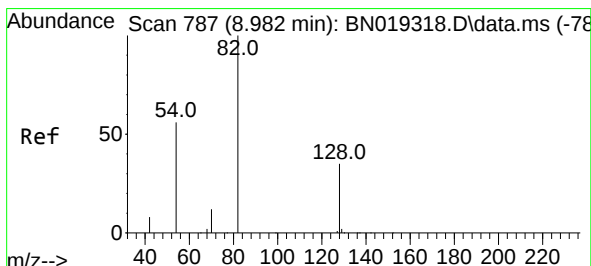
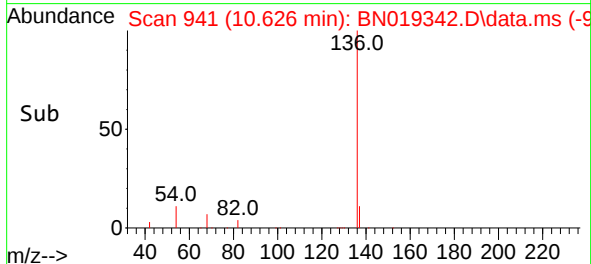
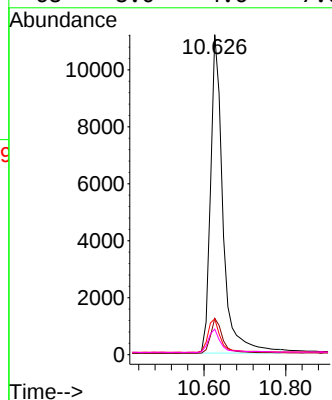
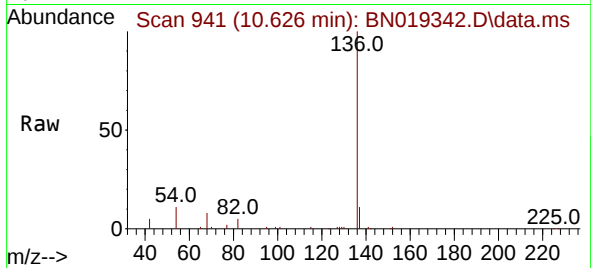




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

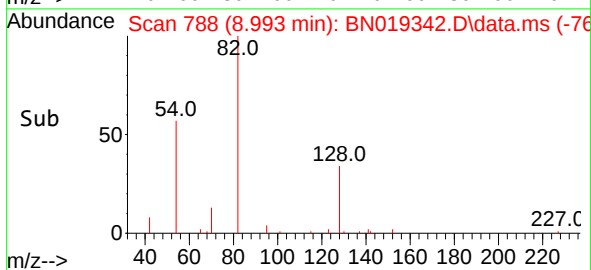
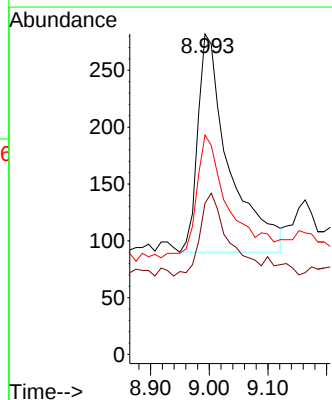
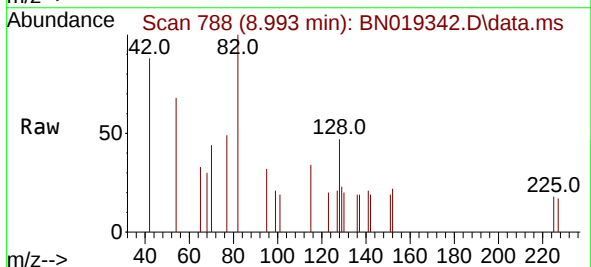
Instrument :
BNA_N
ClientSampleId :
A13015

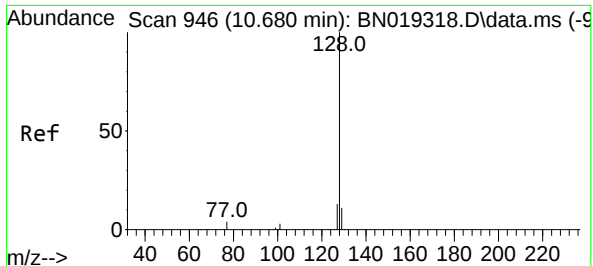
Tgt Ion:	136	Resp:	23625
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	11.2	5.8	8.6#
68	8.0	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.033 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.011 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Tgt Ion:	82	Resp:	710
Ion Ratio	Lower	Upper	
82	100		
128	47.2	33.0	49.6
54	68.4	42.5	63.7#

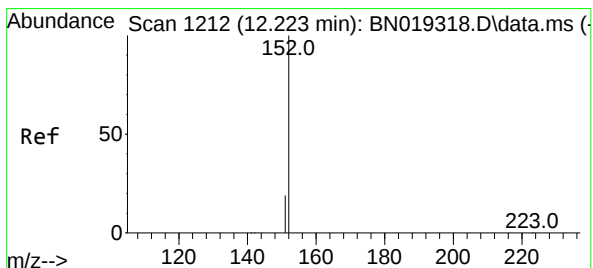
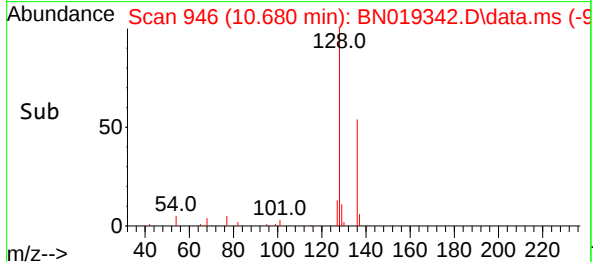
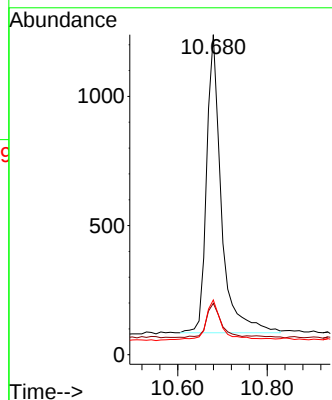
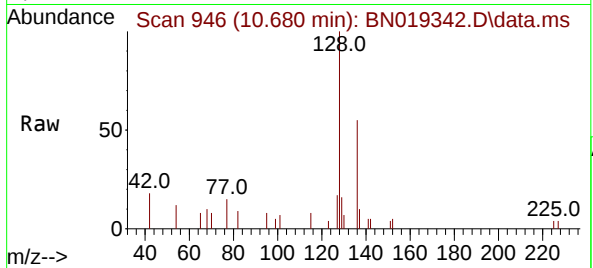




#9
Naphthalene
Concen: 0.038 ng
RT: 10.680 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

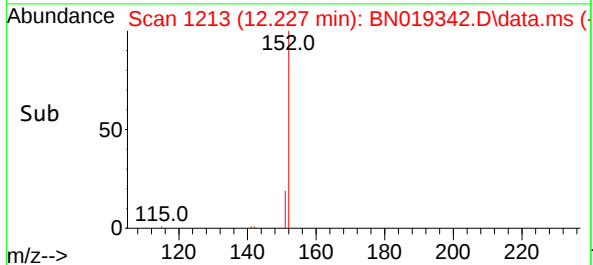
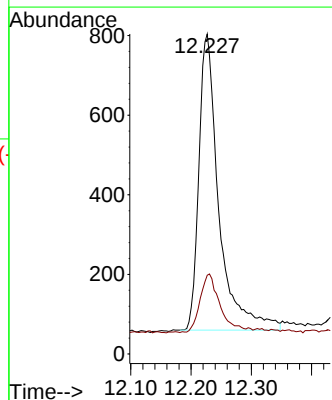
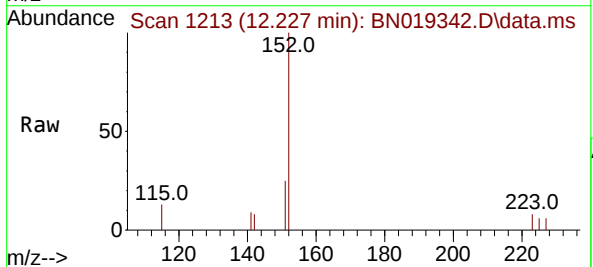
Instrument :
BNA_N
ClientSampleId :
A13015

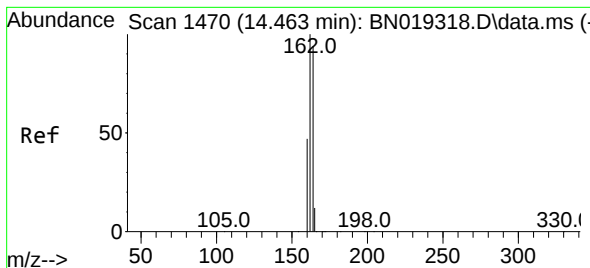
Tgt Ion:128 Resp: 2642
Ion Ratio Lower Upper
128 100
129 16.1 9.0 13.4#
127 17.1 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.041 ng
RT: 12.227 min Scan# 1213
Delta R.T. 0.004 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Tgt Ion:152 Resp: 1713
Ion Ratio Lower Upper
152 100
151 19.6 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: BN019342.D

Acq: 05 Apr 2022 07:10

Instrument :

BNA_N

ClientSampleId :

A13015

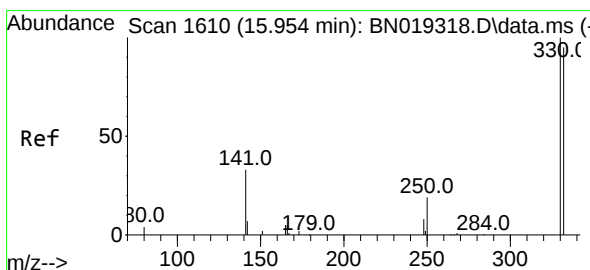
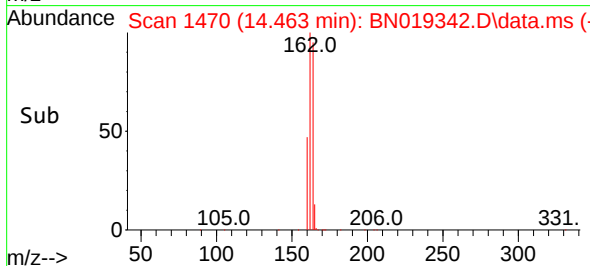
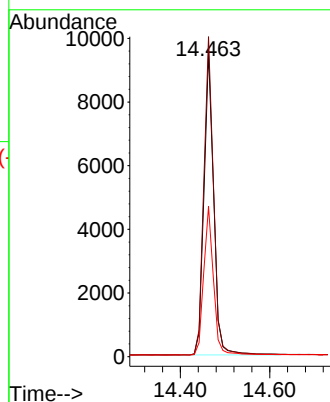
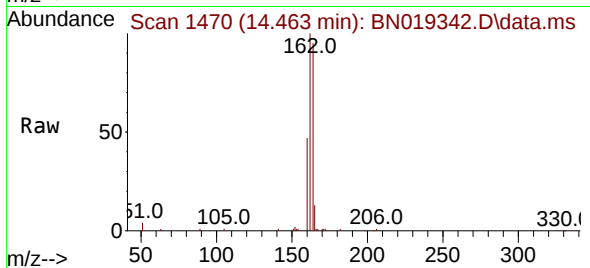
Tgt Ion:164 Resp: 14426

Ion Ratio Lower Upper

164 100

162 105.1 85.2 127.8

160 49.4 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.030 ng

RT: 15.954 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BN019342.D

Acq: 05 Apr 2022 07:10

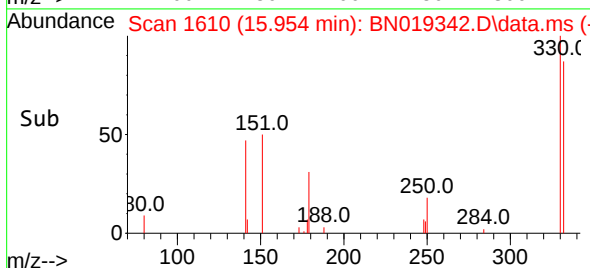
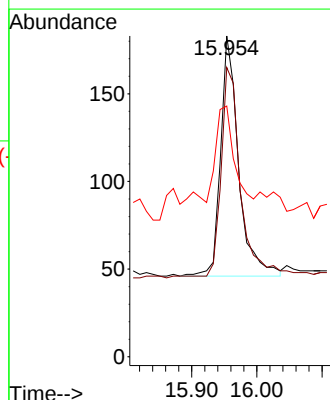
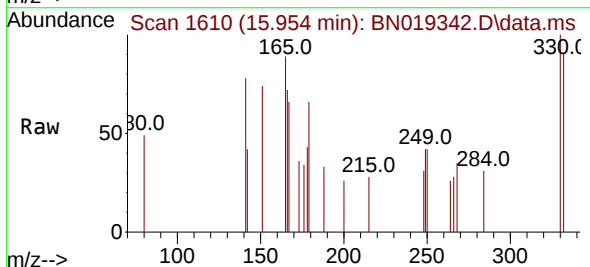
Tgt Ion:330 Resp: 263

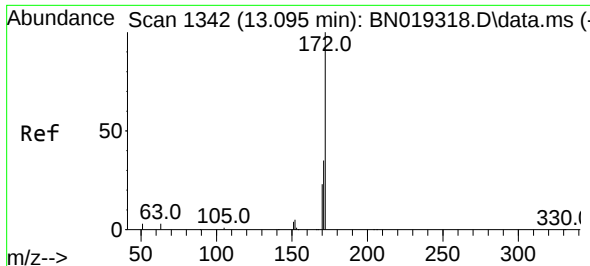
Ion Ratio Lower Upper

330 100

332 92.8 76.8 115.2

141 39.5 32.2 48.2

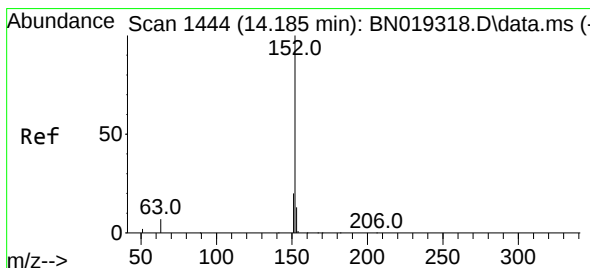
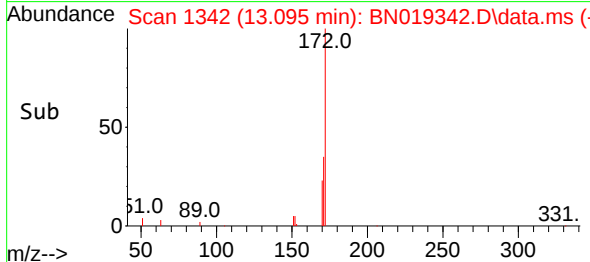
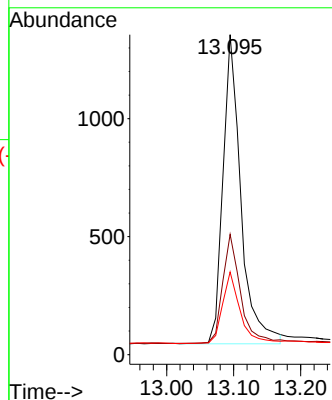
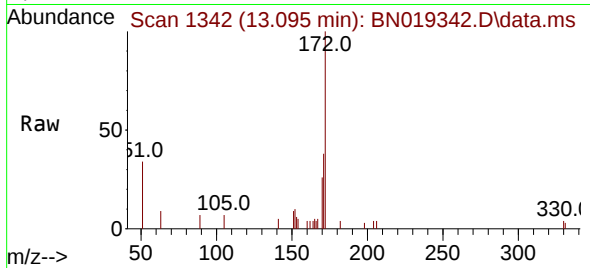




#15
2-Fluorobiphenyl
Concen: 0.041 ng
RT: 13.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

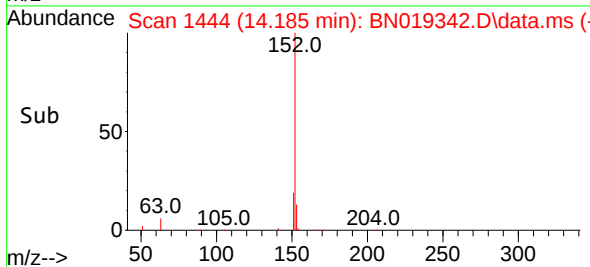
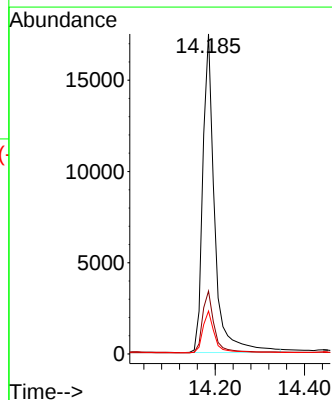
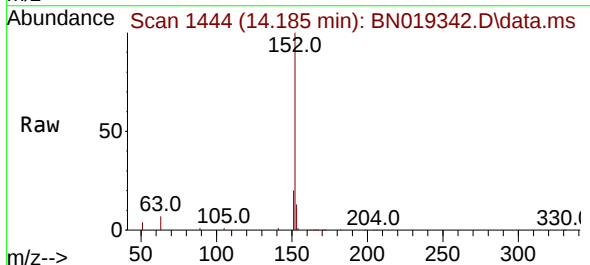
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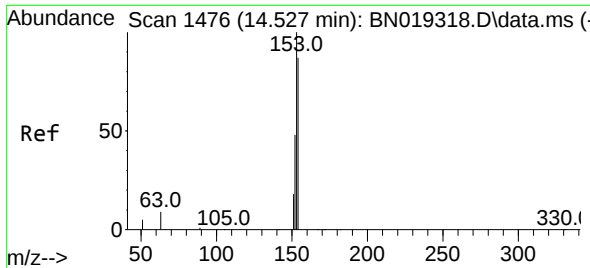
Tgt Ion:	172	Resp:	2439
Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.2	42.2
170	25.8	18.7	28.1



#16
Acenaphthylene
Concen: 0.450 ng
RT: 14.185 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Tgt Ion:	152	Resp:	32210
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.9	10.6	15.8

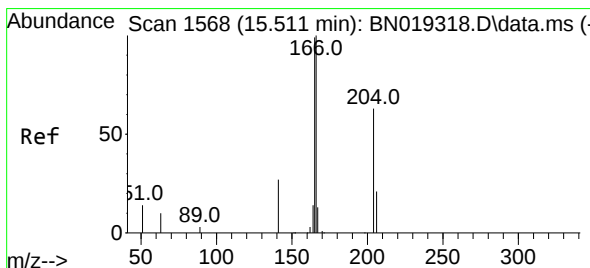
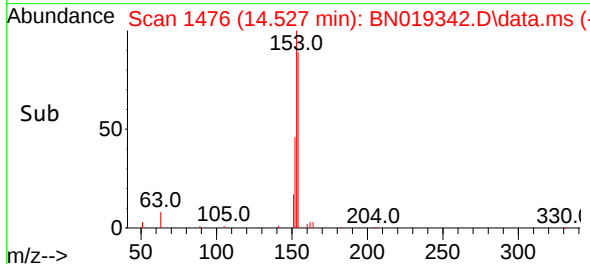
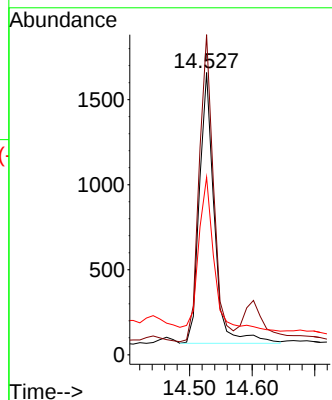
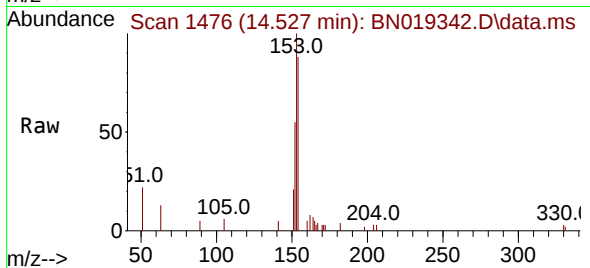




#17
Acenaphthene
Concen: 0.056 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

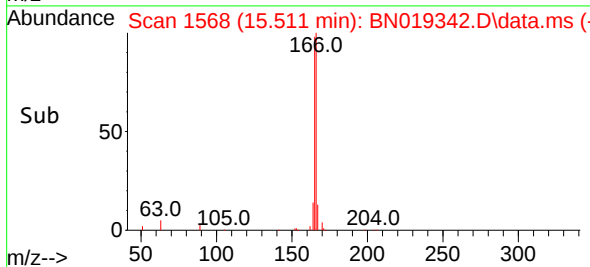
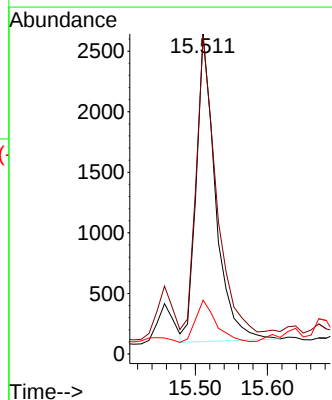
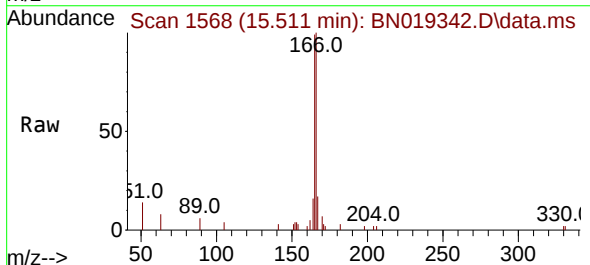
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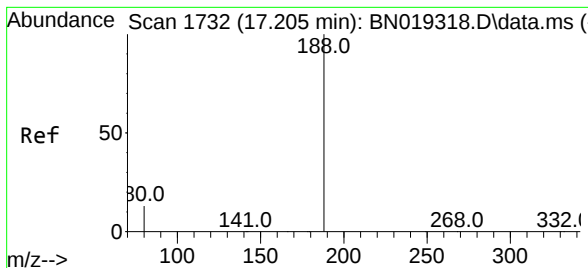
Tgt Ion:154 Resp: 2643
Ion Ratio Lower Upper
154 100
153 109.4 89.7 134.5
152 59.5 44.7 67.1



#18
Fluorene
Concen: 0.075 ng
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Tgt Ion:166 Resp: 4712
Ion Ratio Lower Upper
166 100
165 101.0 79.2 118.8
167 14.7 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.205 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BN019342.D

Acq: 05 Apr 2022 07:10

Instrument :

BNA_N

ClientSampleId :

A13015

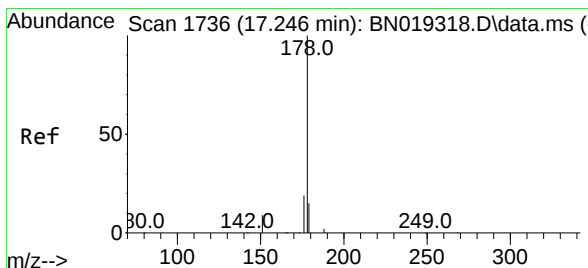
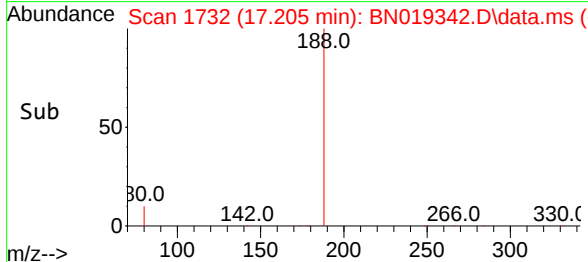
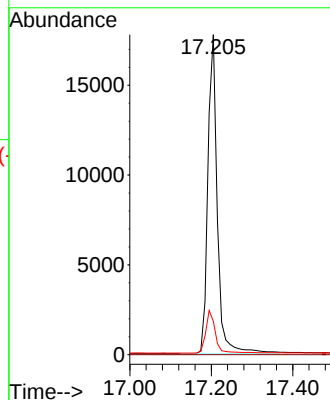
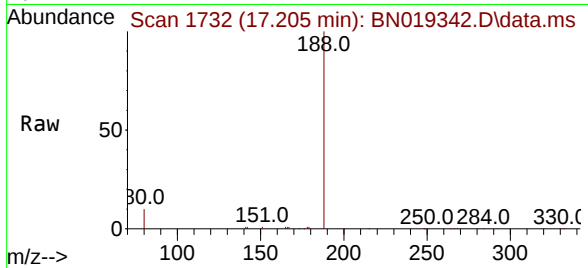
Tgt Ion:188 Resp: 28814

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 11.8 17.8#



#25

Phenanthrene

Concen: 0.881 ng

RT: 17.246 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BN019342.D

Acq: 05 Apr 2022 07:10

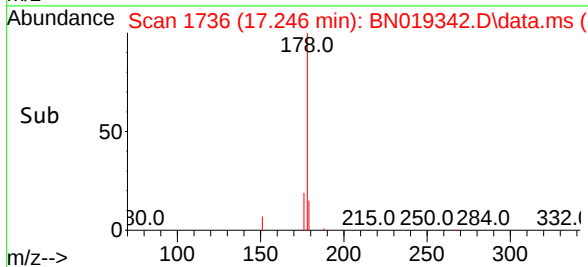
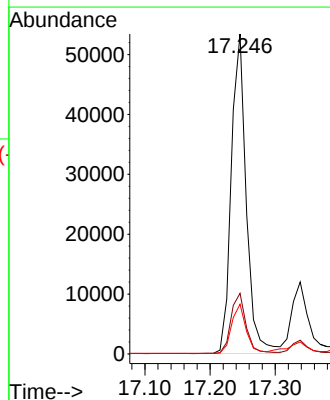
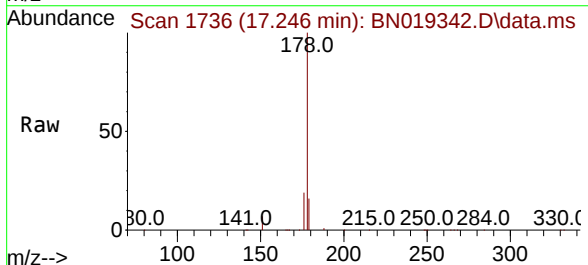
Tgt Ion:178 Resp: 85189

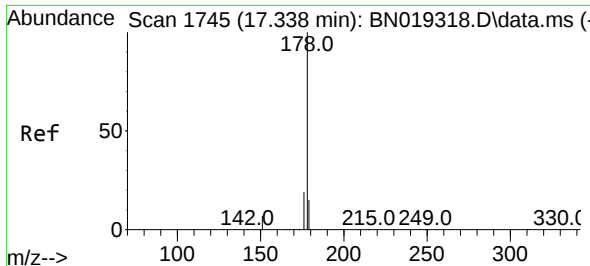
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.1 12.2 18.2

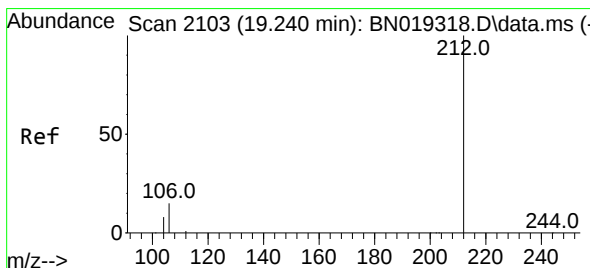
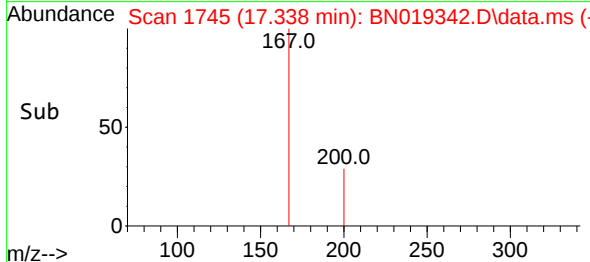
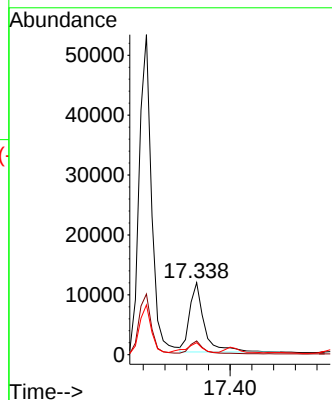
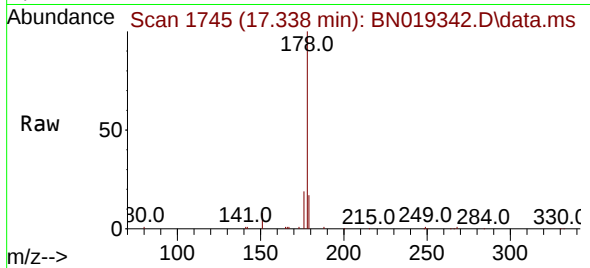




#26
 Anthracene
 Concen: 0.254 ng
 RT: 17.338 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN019342.D
 Acq: 05 Apr 2022 07:10

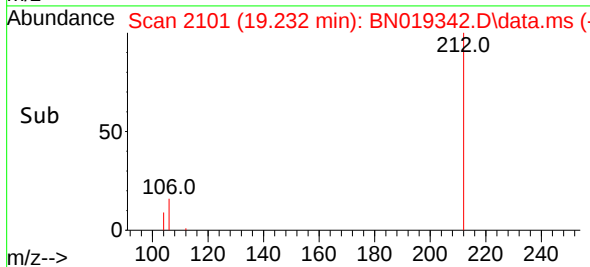
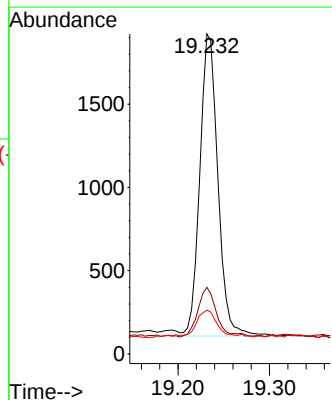
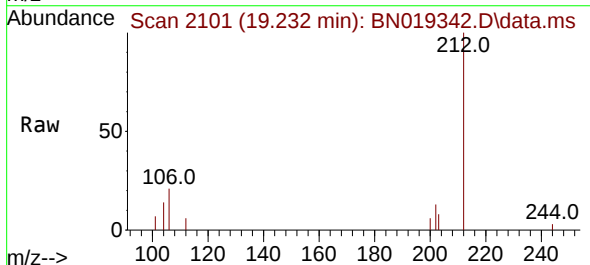
Instrument :
 BNA_N
 ClientSampleId :
 A13015

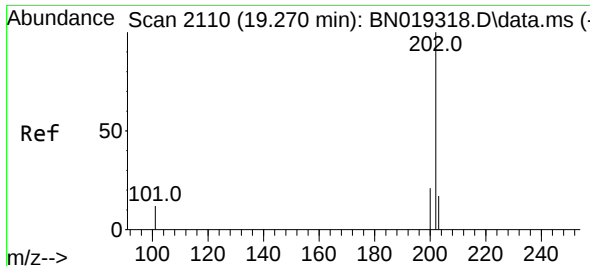
Tgt Ion:178 Resp: 21564
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 14.3 12.2 18.4



#27
 Fluoranthene-d10
 Concen: 0.027 ng
 RT: 19.232 min Scan# 2101
 Delta R.T. -0.008 min
 Lab File: BN019342.D
 Acq: 05 Apr 2022 07:10

Tgt Ion:212 Resp: 2503
 Ion Ratio Lower Upper
 212 100
 106 17.0 12.7 19.1
 104 10.9 7.1 10.7#

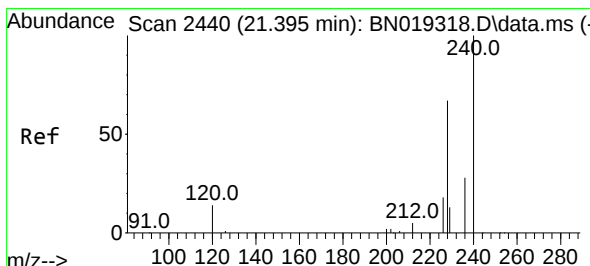
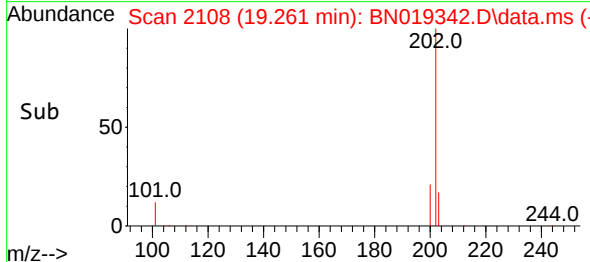
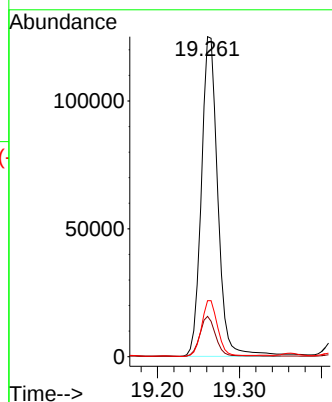
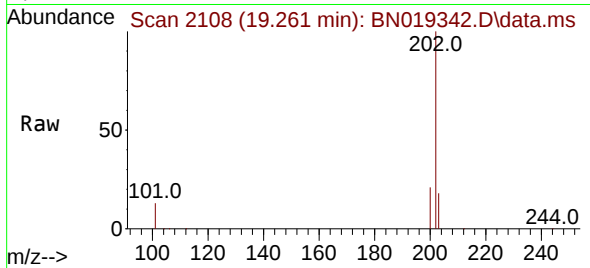




#28
Fluoranthene
Concen: 1.513 ng
RT: 19.261 min Scan# 2110
Delta R.T. -0.008 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

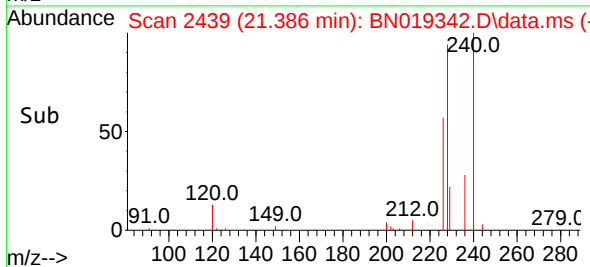
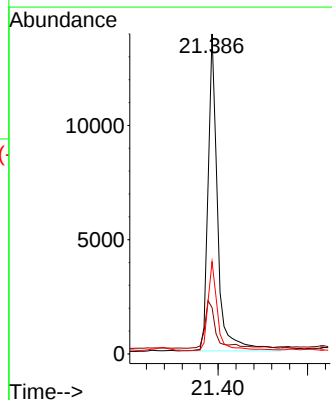
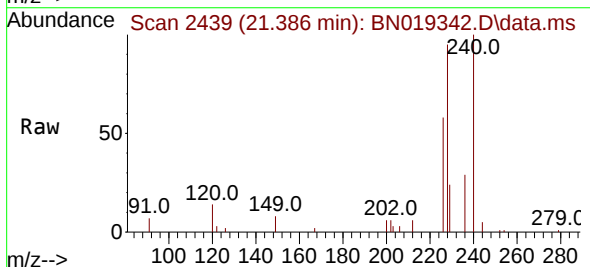
Instrument :
BNA_N
ClientSampleId :
A13015

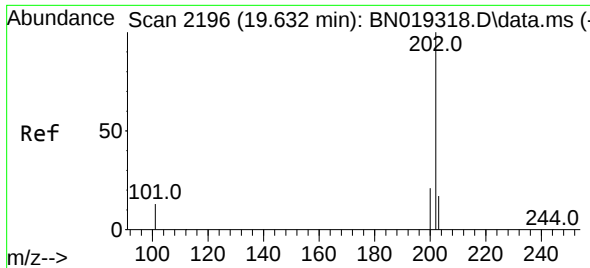
Tgt Ion:202 Resp: 173513
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.6
203 17.1 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Tgt Ion:240 Resp: 20636
Ion Ratio Lower Upper
240 100
120 14.5 8.5 12.7#
236 28.9 22.4 33.6

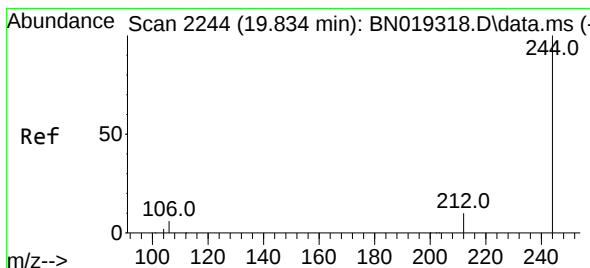
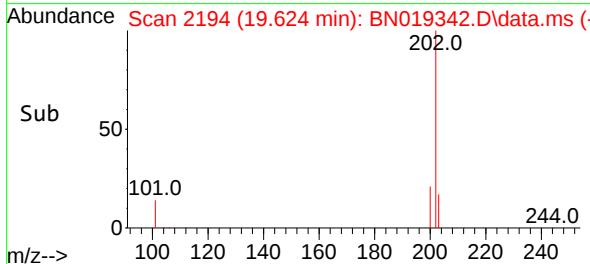
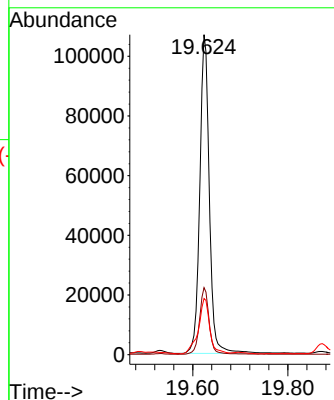
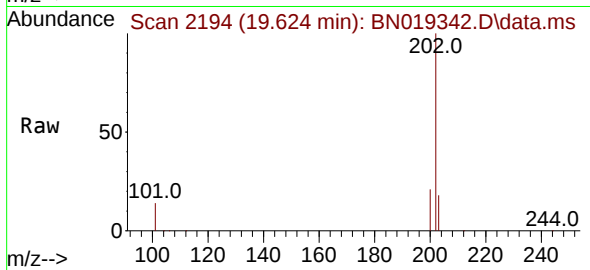




#30
Pyrene
Concen: 1.558 ng
RT: 19.624 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

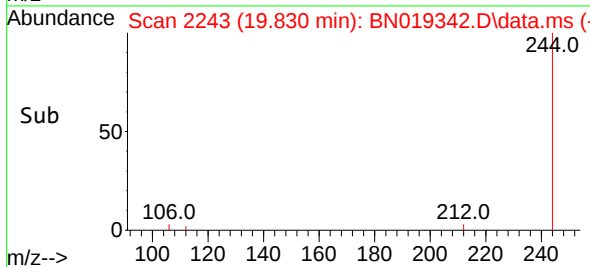
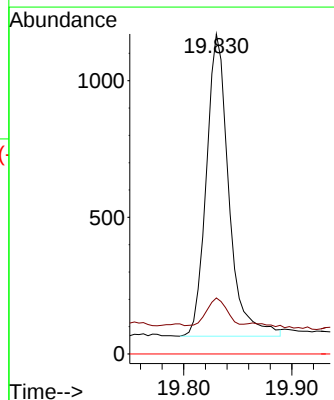
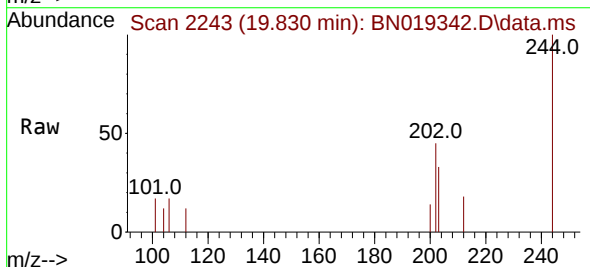
Instrument :
BNA_N
ClientSampleId :
A13015

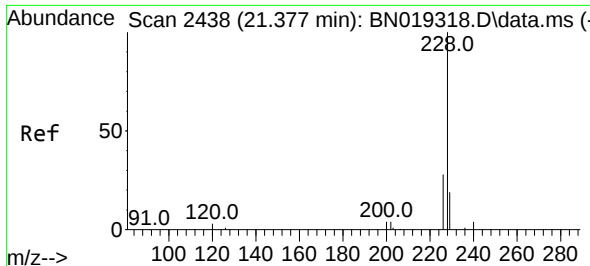
Tgt Ion:202 Resp: 149559
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 20.4 14.2 21.2



#31
Terphenyl-d14
Concen: 0.036 ng
RT: 19.830 min Scan# 2243
Delta R.T. -0.004 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Tgt Ion:244 Resp: 1597
Ion Ratio Lower Upper
244 100
212 17.5 8.2 12.4#
122 0.0 0.0 0.0

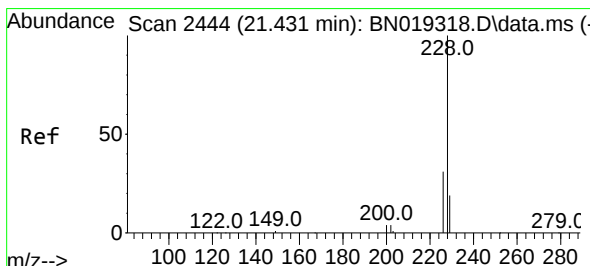
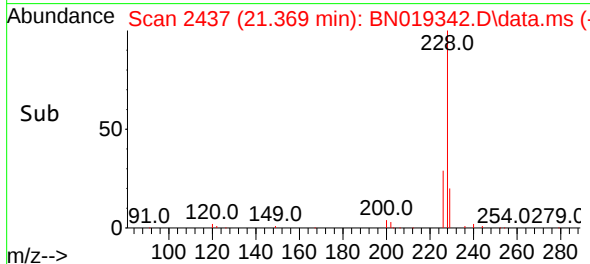
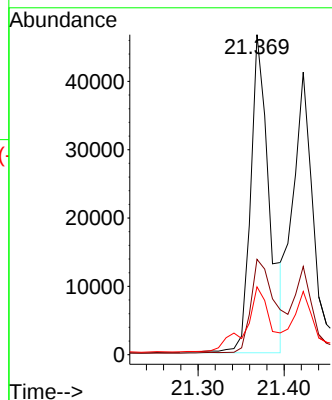
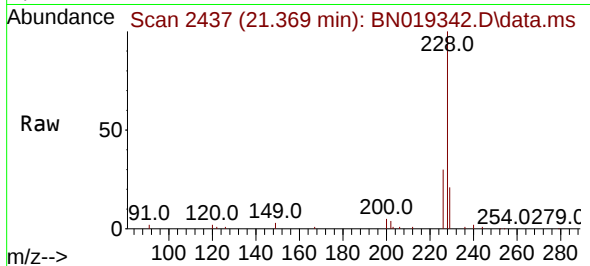




#32
Benzo(a)anthracene
Concen: 0.921 ng
RT: 21.369 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

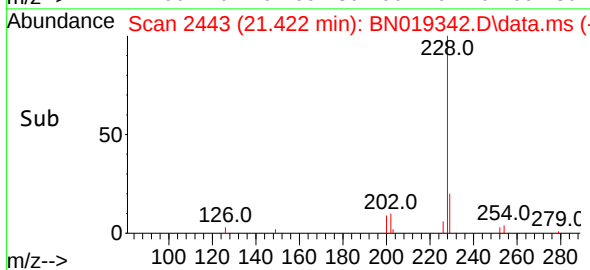
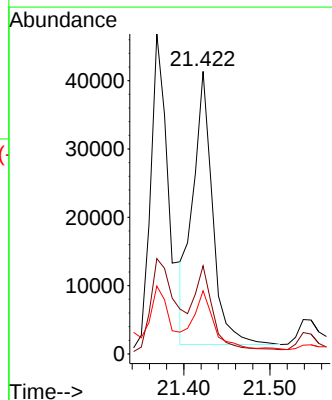
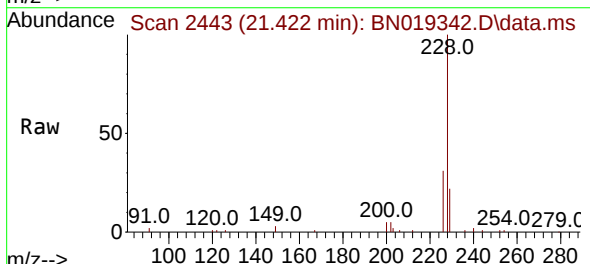
Instrument :
BNA_N
ClientSampleId :
A13015

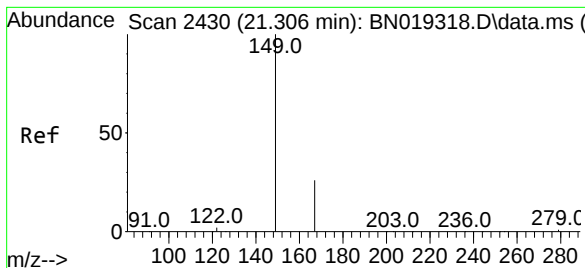
Tgt Ion:228 Resp: 70191
Ion Ratio Lower Upper
228 100
226 29.8 21.9 32.9
229 21.2 16.0 24.0



#33
Chrysene
Concen: 0.754 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Tgt Ion:228 Resp: 63855
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 22.4 15.9 23.9

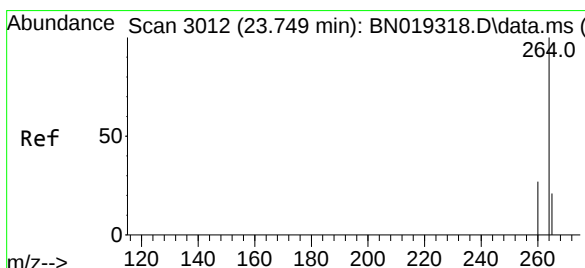
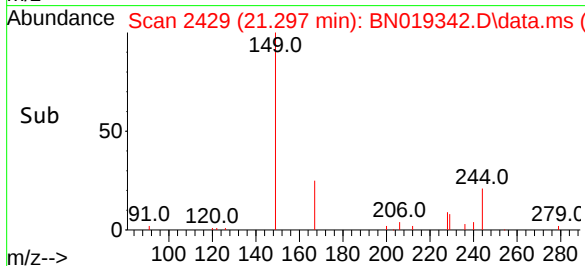
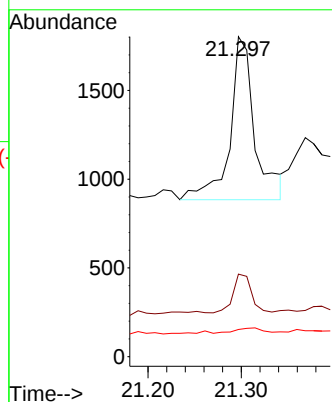
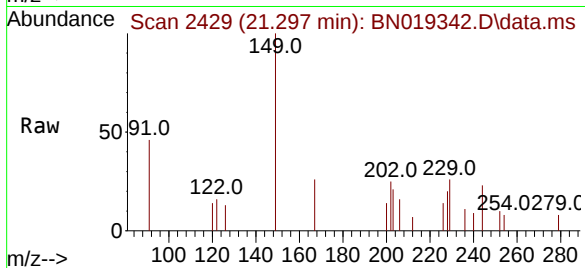




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.297 min Scan# 2430
 Delta R.T. -0.009 min
 Lab File: BN019342.D
 Acq: 05 Apr 2022 07:10

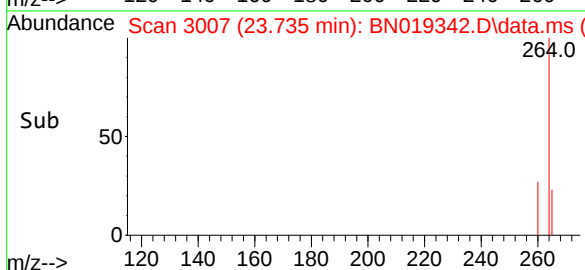
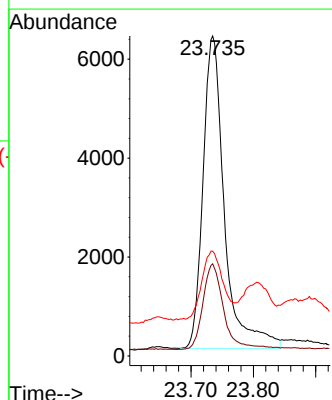
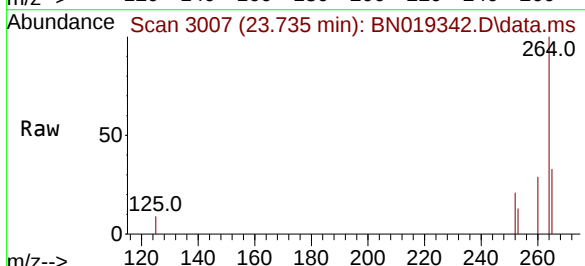
Instrument :
 BNA_N
 ClientSampleId :
 A13015

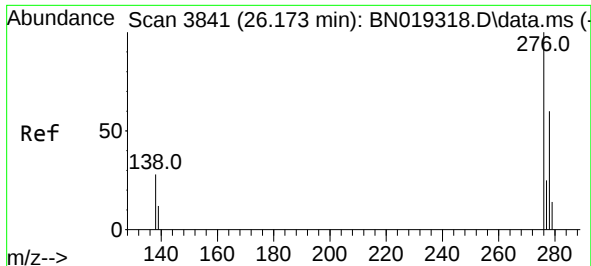
Tgt Ion:149 Resp: 1701
 Ion Ratio Lower Upper
 149 100
 167 17.5 21.8 32.8#
 279 3.5 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.735 min Scan# 3007
 Delta R.T. -0.015 min
 Lab File: BN019342.D
 Acq: 05 Apr 2022 07:10

Tgt Ion:264 Resp: 15023
 Ion Ratio Lower Upper
 264 100
 260 28.8 22.4 33.6
 265 32.8 25.3 37.9

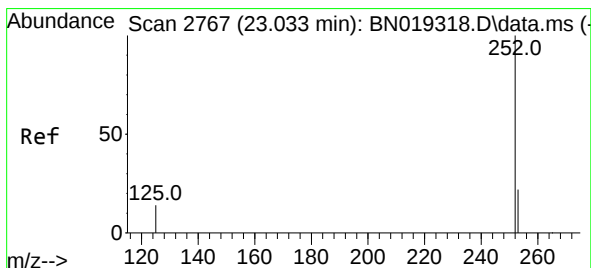
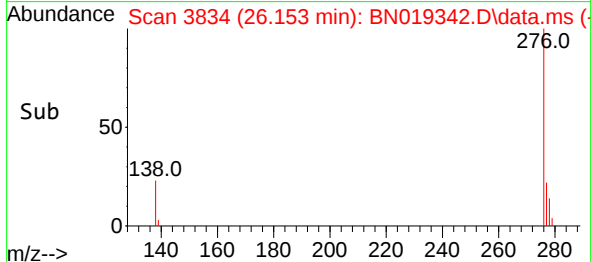
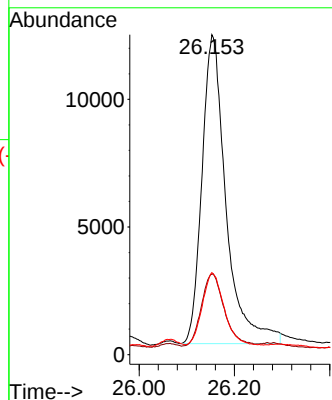
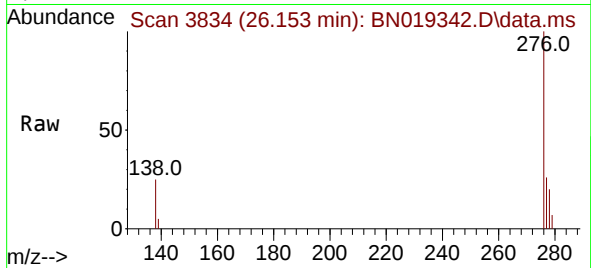




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.675 ng
RT: 26.153 min Scan# 3841
Delta R.T. -0.020 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

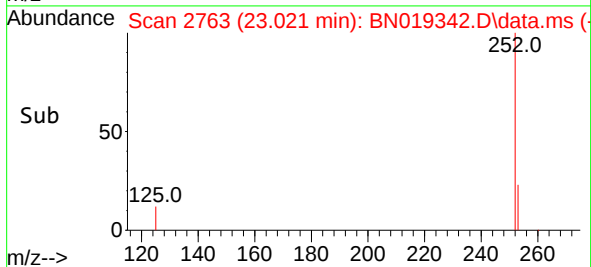
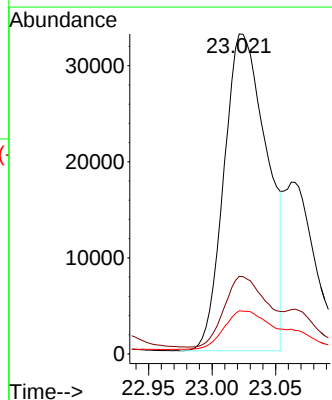
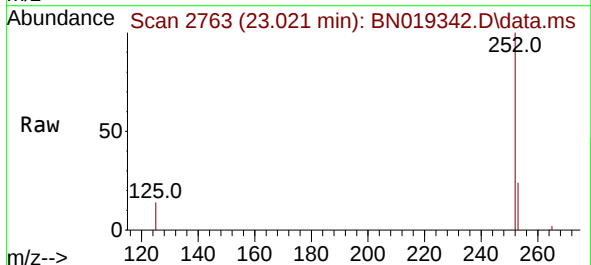
Instrument :
BNA_N
ClientSampleId :
A13015

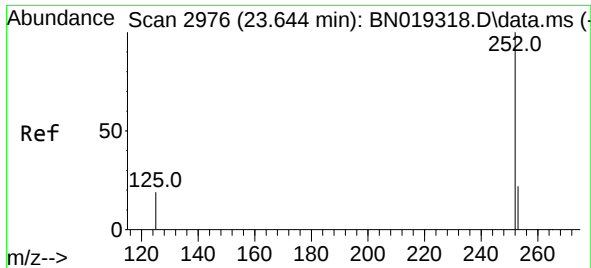
Tgt Ion:276 Resp: 42461
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
277 20.9 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 1.320 ng
RT: 23.021 min Scan# 2763
Delta R.T. -0.012 min
Lab File: BN019342.D
Acq: 05 Apr 2022 07:10

Tgt Ion:252 Resp: 77703
Ion Ratio Lower Upper
252 100
253 24.3 18.9 28.3
125 13.5 12.1 18.1





#39

Benzo(a)pyrene

Concen: 0.844 ng

RT: 23.530 min Scan# 2976

Delta R.T. -0.114 min

Lab File: BN019342.D

Acq: 05 Apr 2022 07:10

Instrument :

BN019342.D

ClientSampleId :

A13015

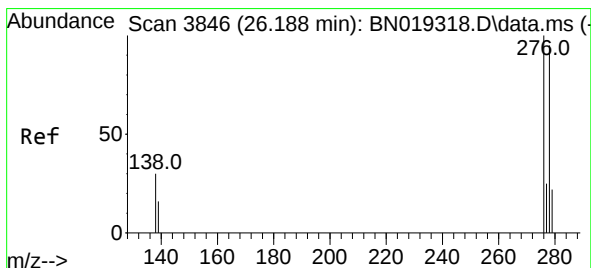
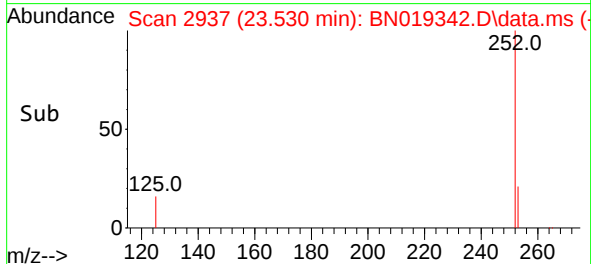
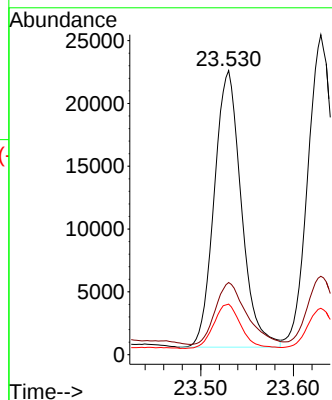
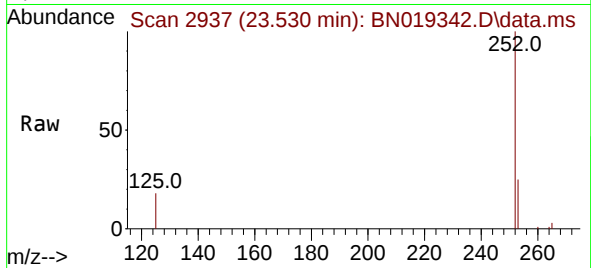
Tgt Ion:252 Resp: 44655

Ion Ratio Lower Upper

252 100

253 25.4 20.1 30.1

125 17.8 15.2 22.8



#40

Dibenzo(a,h)anthracene

Concen: 0.166 ng

RT: 26.161 min Scan# 3837

Delta R.T. -0.026 min

Lab File: BN019342.D

Acq: 05 Apr 2022 07:10

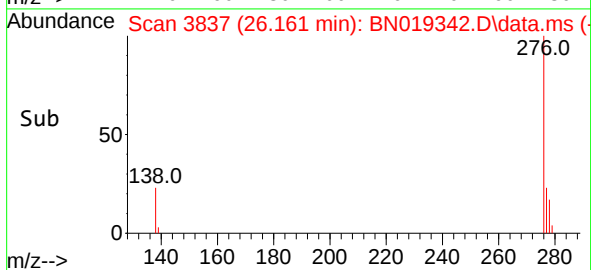
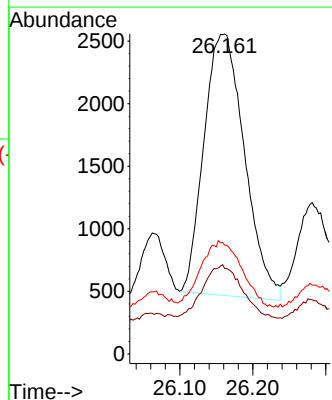
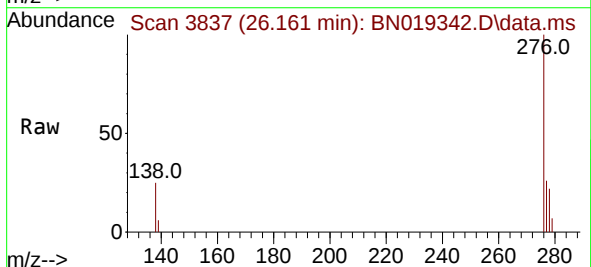
Tgt Ion:278 Resp: 8070

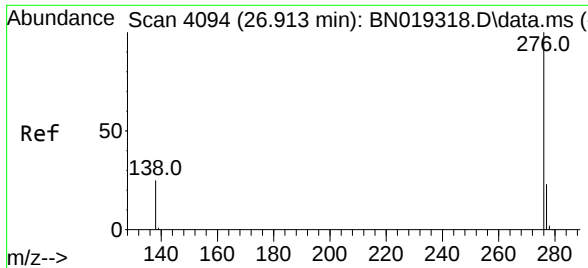
Ion Ratio Lower Upper

278 100

139 26.7 17.2 25.8#

279 34.0 19.9 29.9#





#41

Benzo(g,h,i)perylene

Concen: 1.040 ng

RT: 26.901 min Scan# 40

Delta R.T. -0.012 min

Lab File: BN019342.D

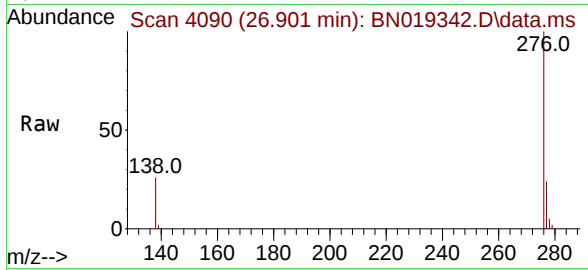
Acq: 05 Apr 2022 07:10

Instrument :

BNA_N

ClientSampleId :

A13015



Tgt Ion:276 Resp: 60631

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 25.6 21.0 31.6

