

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
 Data File : BN019689.D
 Acq On : 05 May 2022 07:16
 Operator : CG/JU
 Sample : N2680-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B5-0-2

Quant Time: May 05 08:14:06 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:20:22 2022
 Response via : Initial Calibration

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

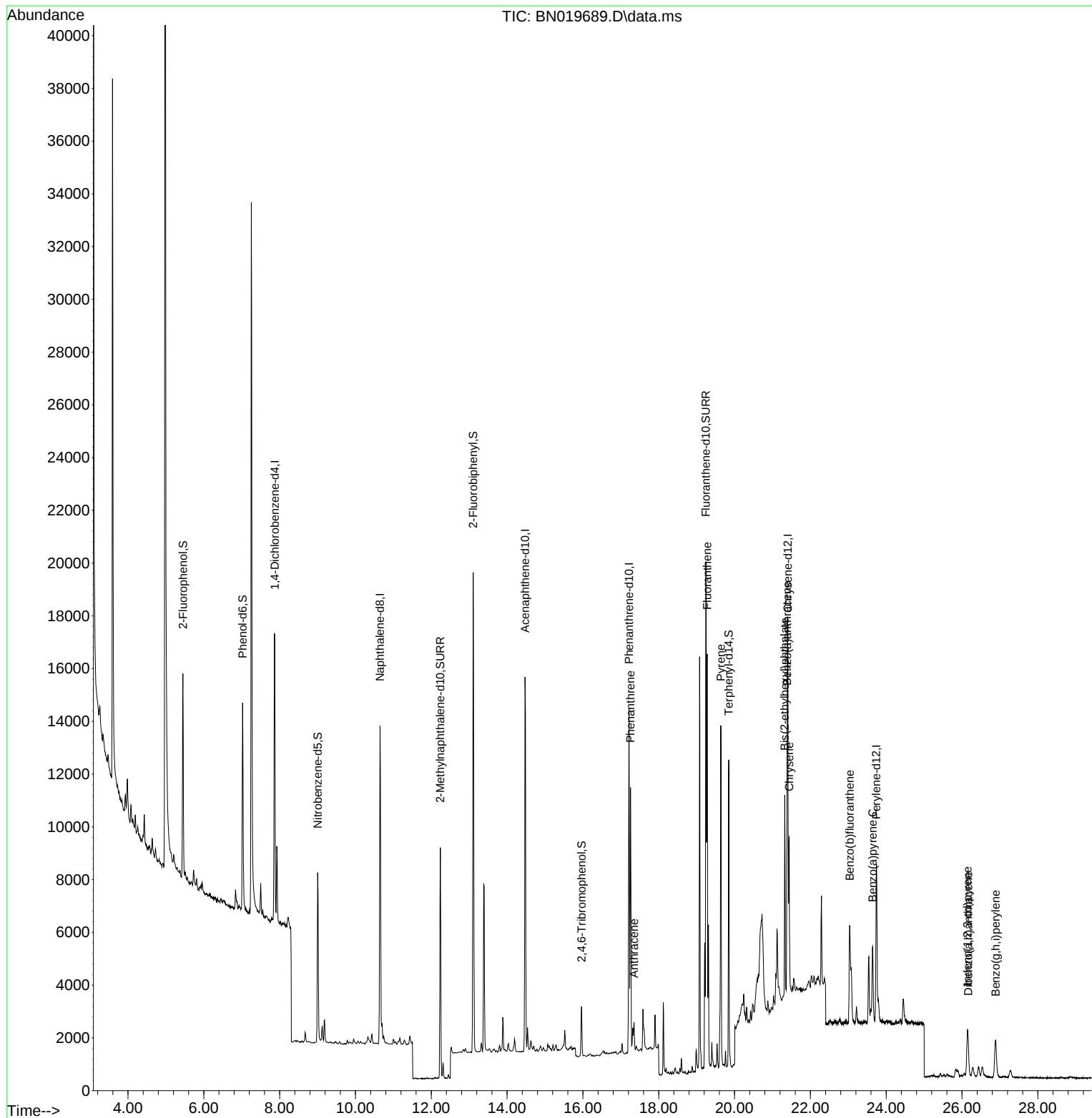
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5707	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	16546	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	8932	0.400	ng	-0.01
19) Phenanthrene-d10	17.215	188	16902	0.400	ng	0.00
29) Chrysene-d12	21.404	240	11603	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	9019	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	6255	0.470	ng	0.00
5) Phenol-d6	7.024	99	7368	0.451	ng	0.00
8) Nitrobenzene-d5	9.003	82	5453	0.406	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	12096	0.448	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1023	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	16249	0.422	ng	0.00
27) Fluoranthene-d10	19.244	212	21555	0.460	ng	0.00
31) Terphenyl-d14	19.847	244	12947	0.476	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.256	178	10436	0.186	ng	99
26) Anthracene	17.349	178	963	0.020	ng	# 82
28) Fluoranthene	19.278	202	13826	0.236	ng	100
30) Pyrene	19.636	202	12203	0.254	ng	97
32) Benzo(a)anthracene	21.386	228	5684	0.138	ng	96
33) Chrysene	21.440	228	6262	0.139	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.324	149	6751	0.310	ng	100
36) Indeno(1,2,3-cd)pyrene	26.144	276	2880	0.070	ng	95
37) Benzo(b)fluoranthene	23.036	252	6606	0.177	ng	# 87
39) Benzo(a)pyrene	23.641	252	4583	0.162	ng	# 91
40) Dibenzo(a,h)anthracene	26.164	278	833	0.025	ng	# 36
41) Benzo(g,h,i)perylene	26.889	276	3253	0.098	ng	93

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

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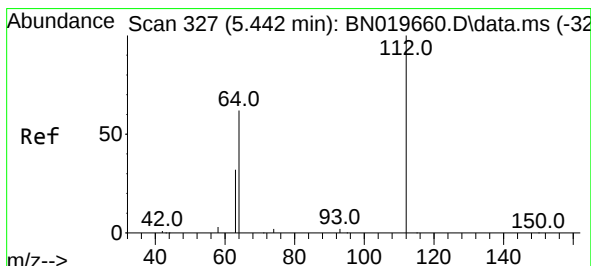
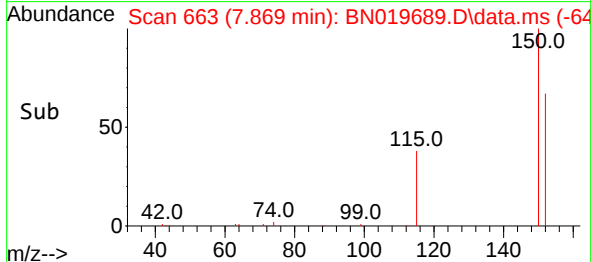
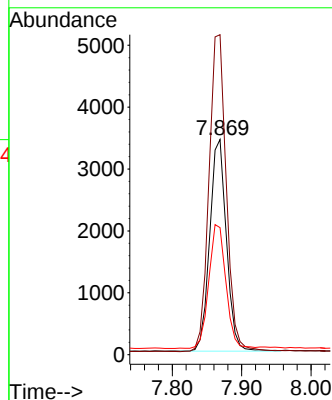
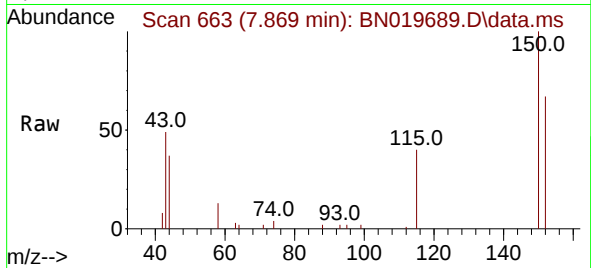




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

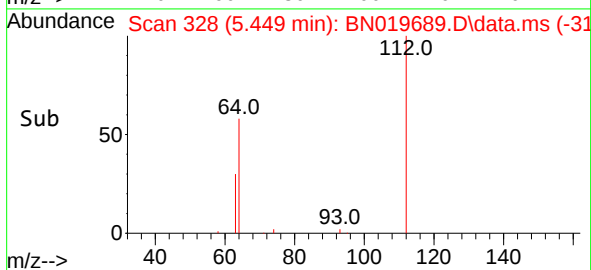
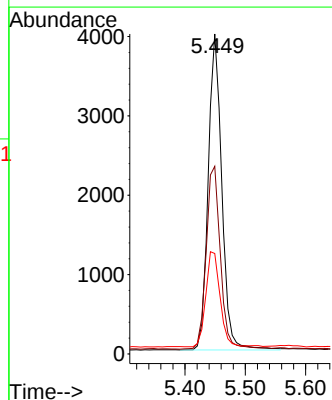
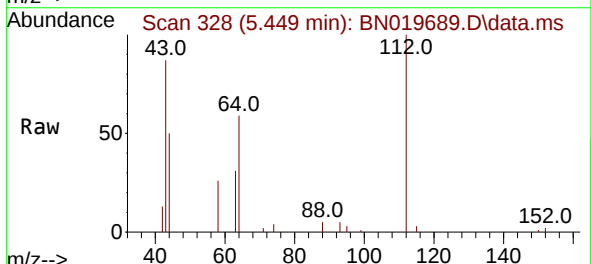
Instrument :
BNA_N
ClientSampleId :
B5-0-2

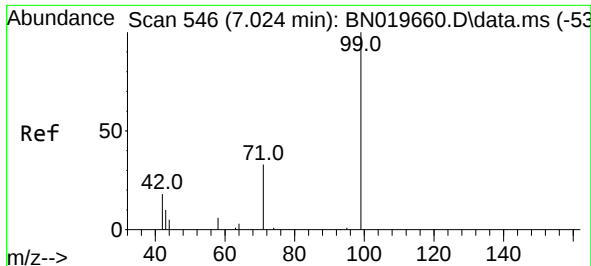
Tgt Ion:152 Resp: 5707
Ion Ratio Lower Upper
152 100
150 148.7 122.6 183.8
115 59.1 49.0 73.6



#4
2-Fluorophenol
Concen: 0.470 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

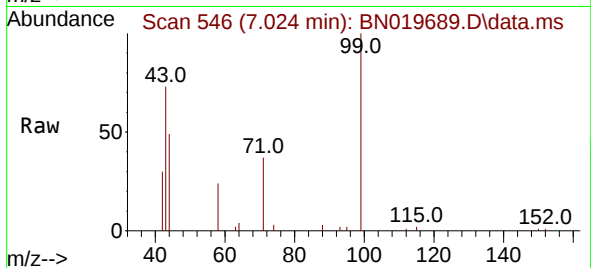
Tgt Ion:112 Resp: 6255
Ion Ratio Lower Upper
112 100
64 60.7 47.3 70.9
63 31.4 24.6 36.8



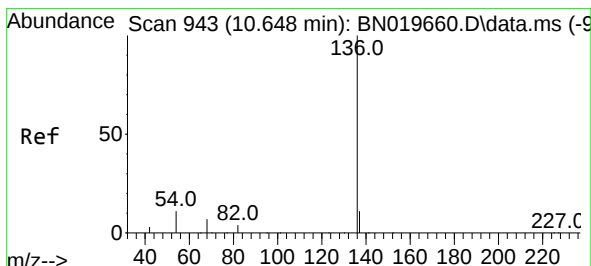
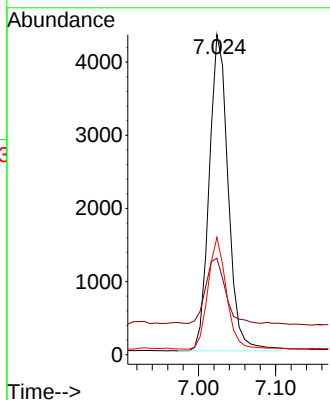
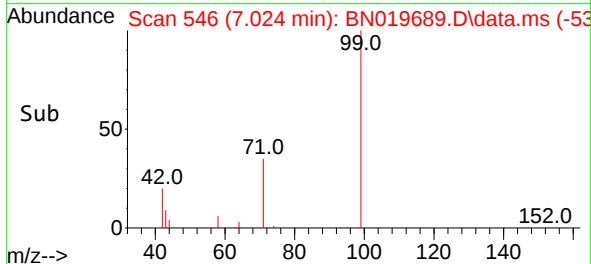


#5
Phenol-d6
Concen: 0.451 ng
RT: 7.024 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

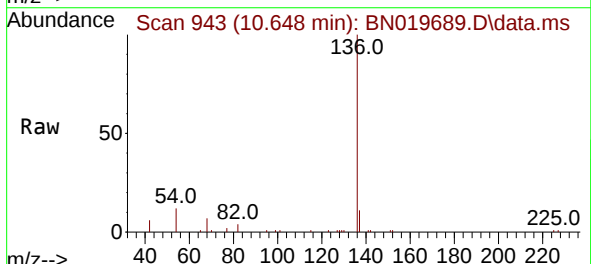
Instrument :
BNA_N
ClientSampleId :
B5-0-2



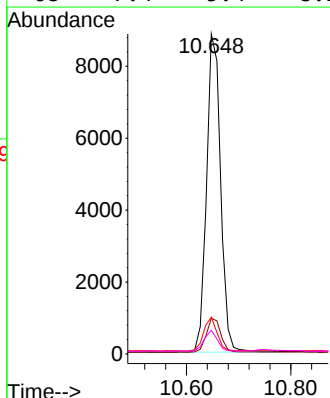
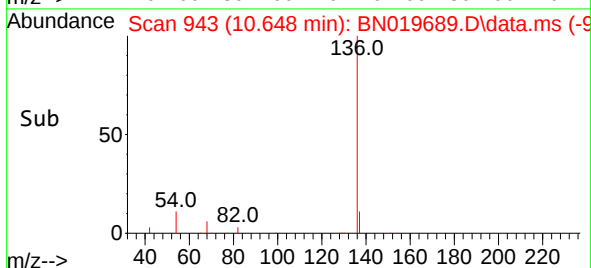
Tgt Ion:	99	Resp:	7368
Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.8	23.8
71	34.3	26.5	39.7

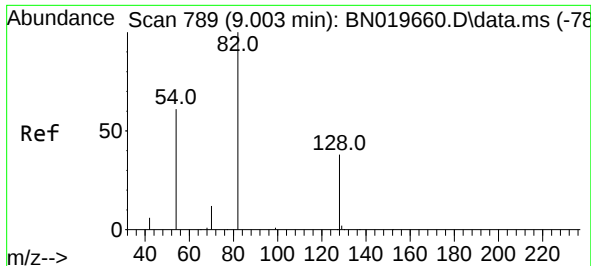


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16



Tgt Ion:	136	Resp:	16546
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.5	7.8	11.6
68	7.4	5.4	8.2

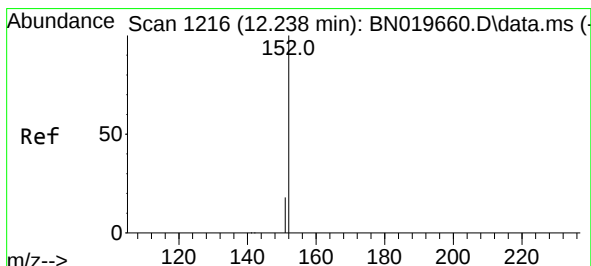
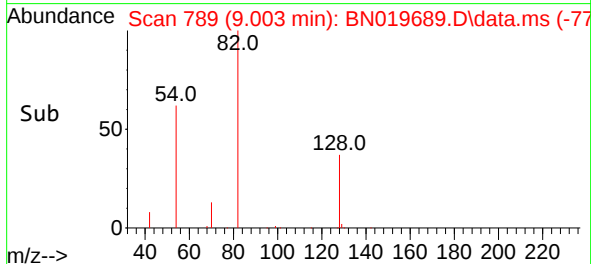
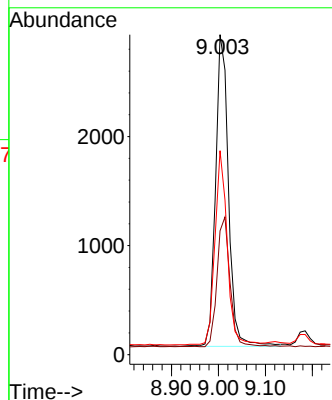
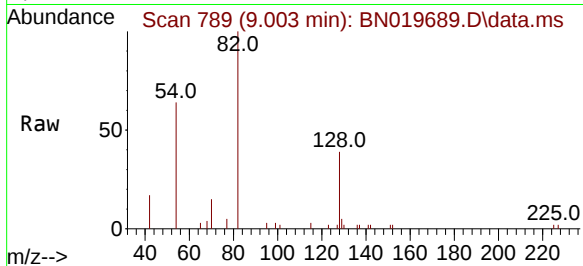




#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

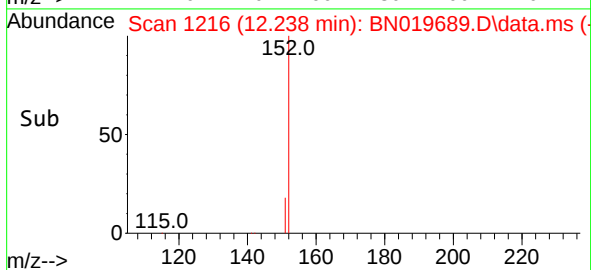
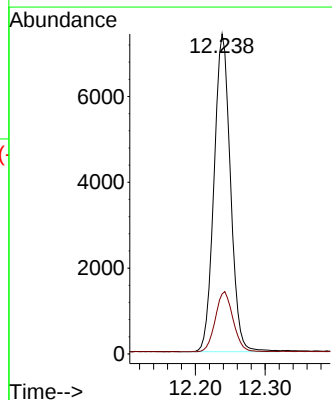
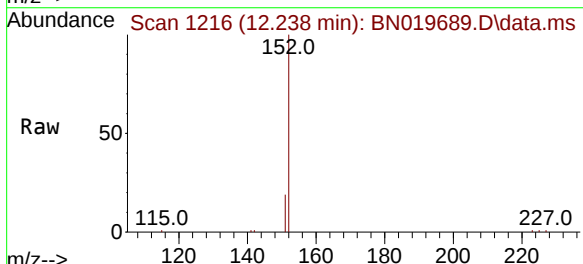
Instrument :
BNA_N
ClientSampleId :
B5-0-2

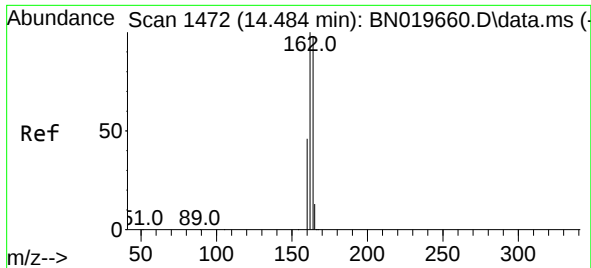
Tgt Ion: 82 Resp: 5453
Ion Ratio Lower Upper
82 100
128 38.7 32.4 48.6
54 63.7 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.448 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

Tgt Ion: 152 Resp: 12096
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

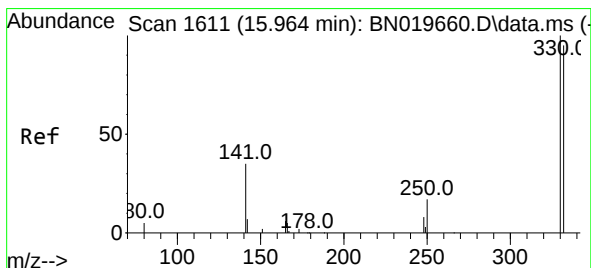
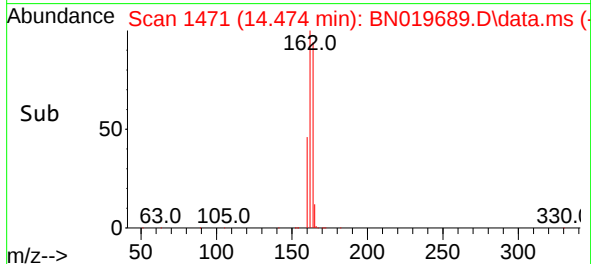
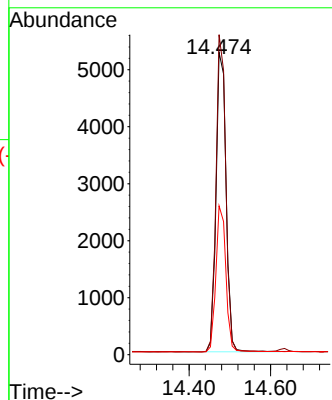
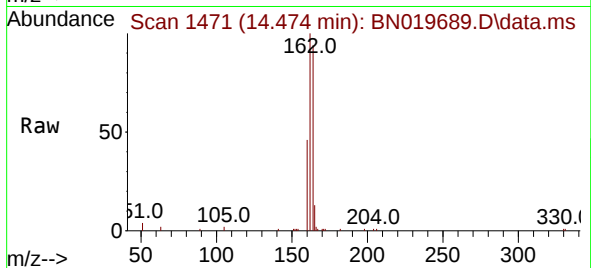




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

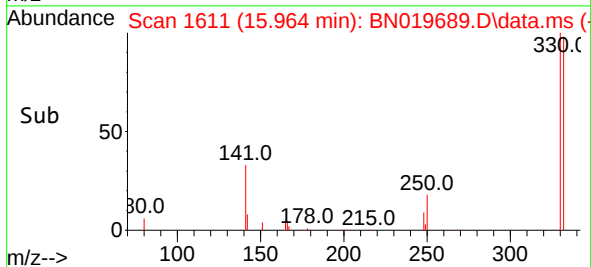
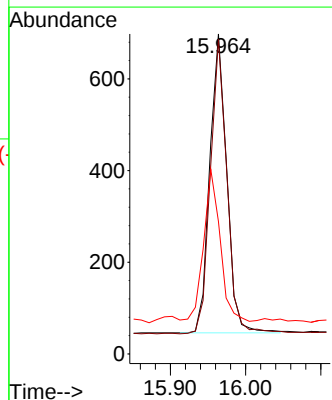
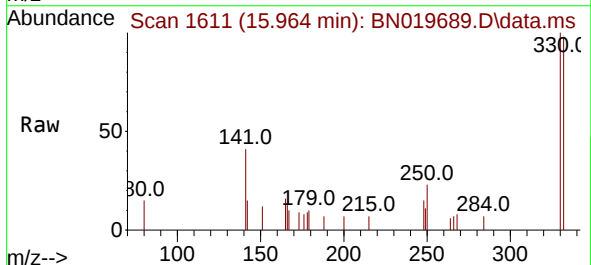
Instrument :
BNA_N
ClientSampleId :
B5-0-2

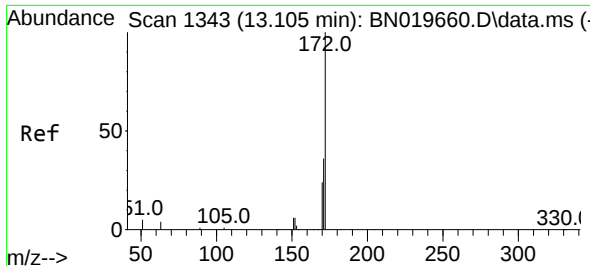
Tgt Ion:164 Resp: 8932
Ion Ratio Lower Upper
164 100
162 105.9 81.8 122.6
160 49.2 38.3 57.5



#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

Tgt Ion:330 Resp: 1023
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 49.9 39.7 59.5

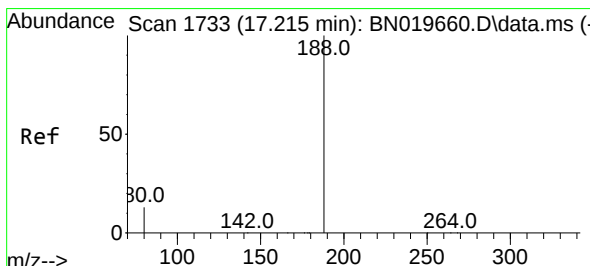
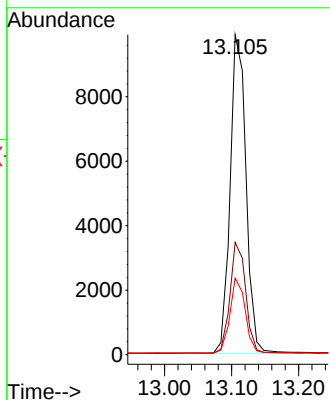
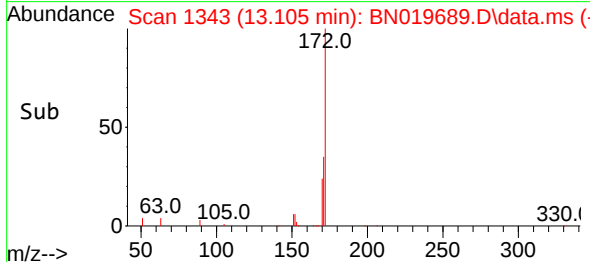
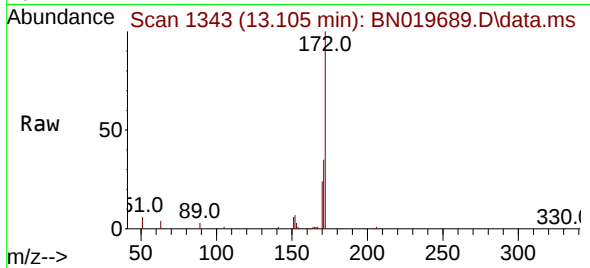




#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

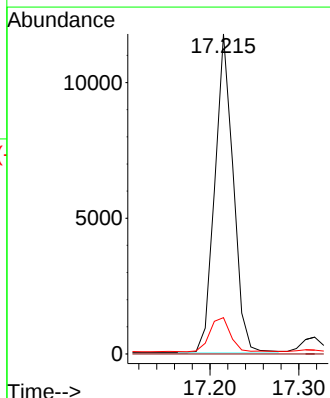
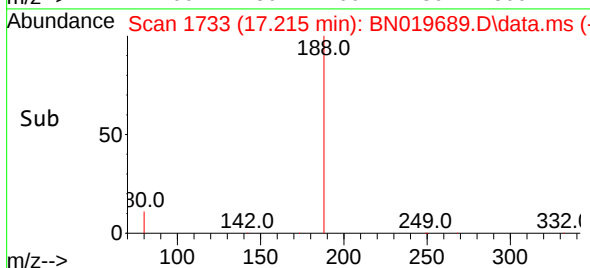
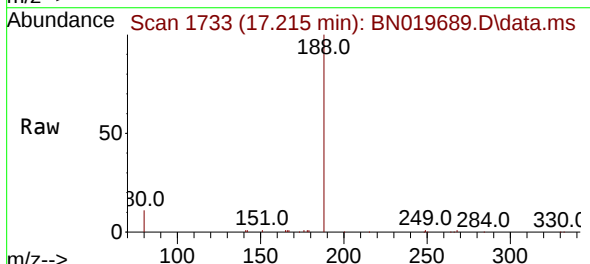
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BNA_N
ClientSampleId :
B5-0-2

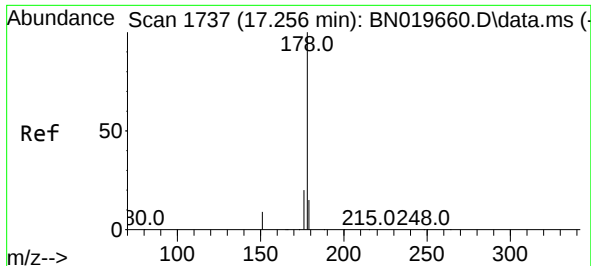
Tgt Ion:172 Resp: 16249
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 24.0 19.0 28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

Tgt Ion:188 Resp: 16902
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 8.6 12.8

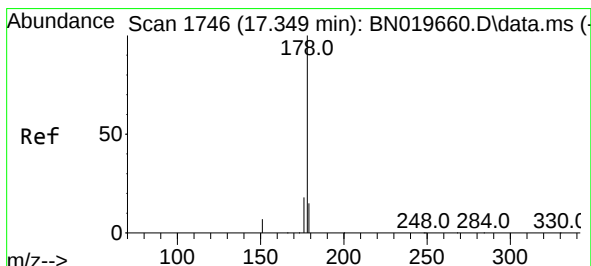
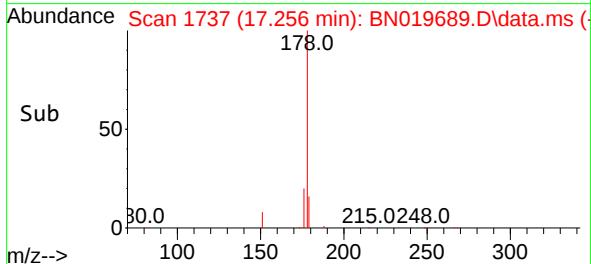
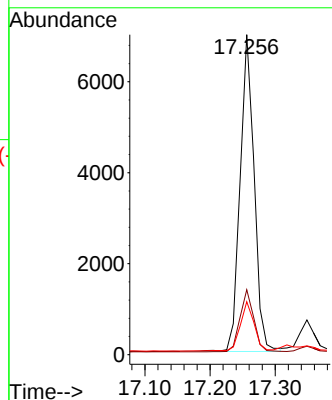
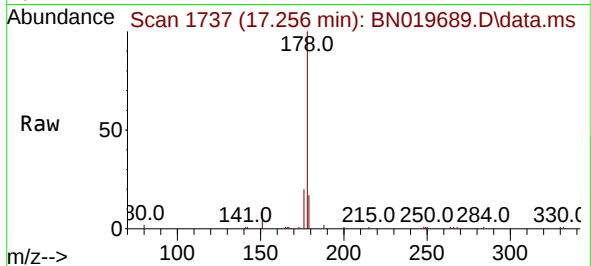




#25
Phenanthrene
Concen: 0.186 ng
RT: 17.256 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

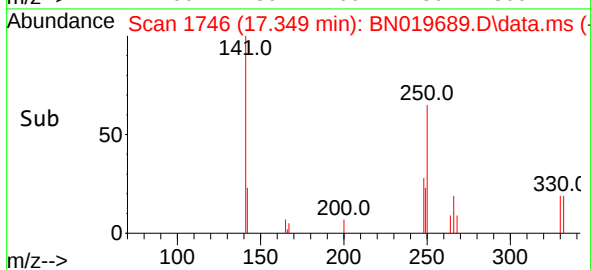
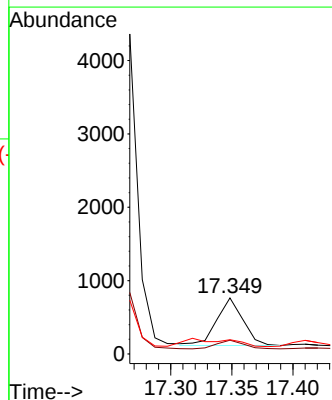
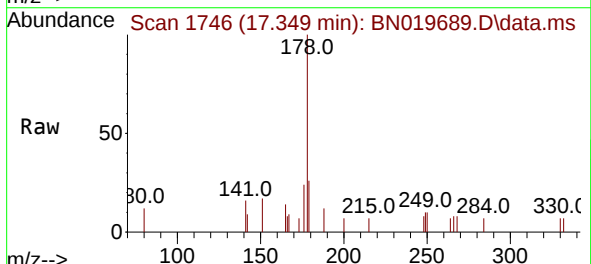
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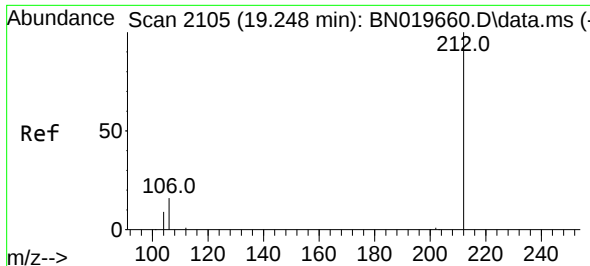
Tgt Ion:178 Resp: 10436
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.1 18.1



#26
Anthracene
Concen: 0.020 ng
RT: 17.349 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

Tgt Ion:178 Resp: 963
Ion Ratio Lower Upper
178 100
176 18.8 14.3 21.5
179 0.0 12.2 18.4#

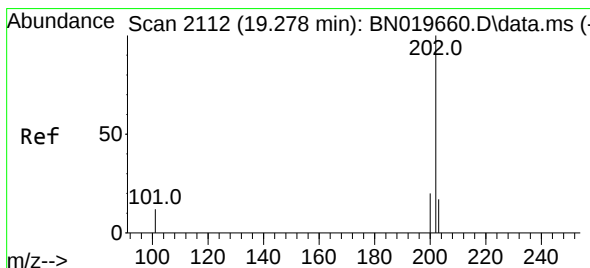
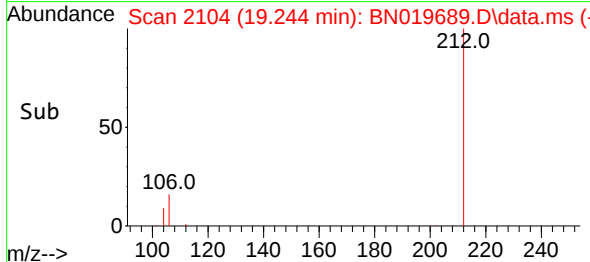
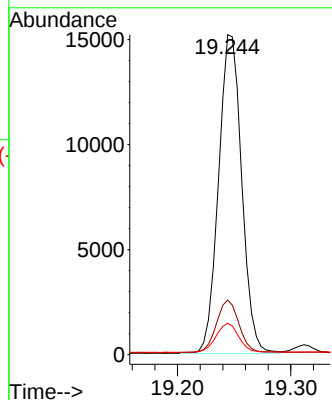
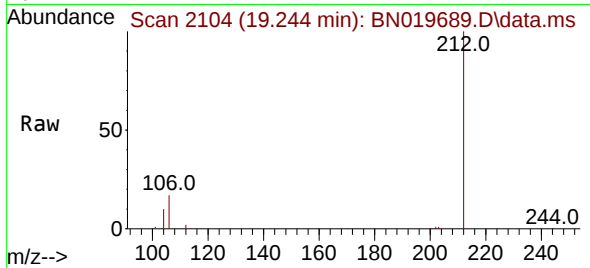




#27
Fluoranthene-d10
Concen: 0.460 ng
RT: 19.244 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

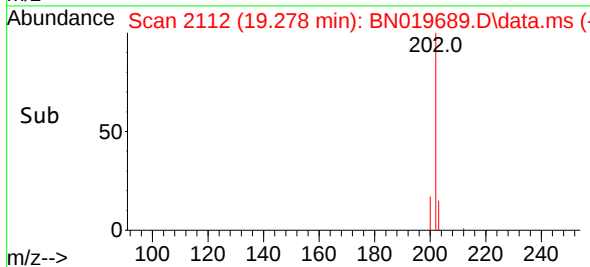
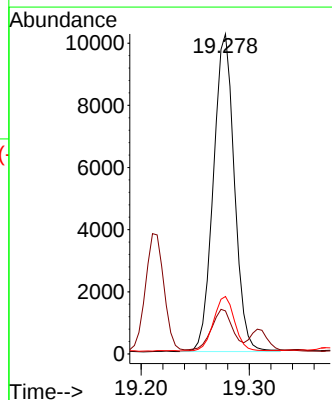
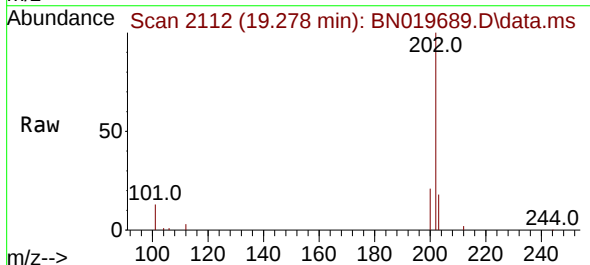
Instrument :
BNA_N
ClientSampleId :
B5-0-2

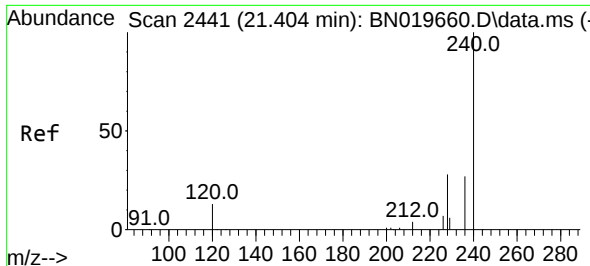
Tgt Ion:212 Resp: 21555
Ion Ratio Lower Upper
212 100
106 16.2 13.5 20.3
104 9.0 7.6 11.4



#28
Fluoranthene
Concen: 0.236 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

Tgt Ion:202 Resp: 13826
Ion Ratio Lower Upper
202 100
101 13.3 10.6 15.8
203 17.0 13.6 20.4

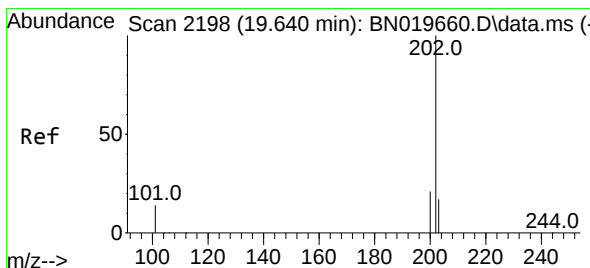
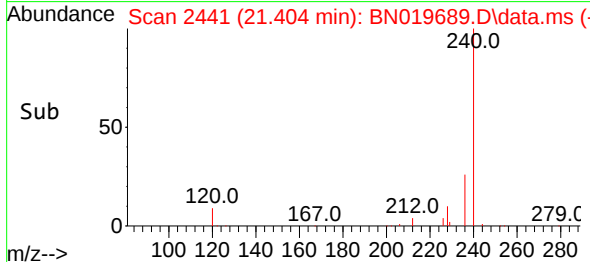
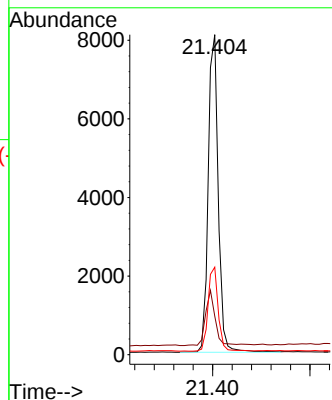
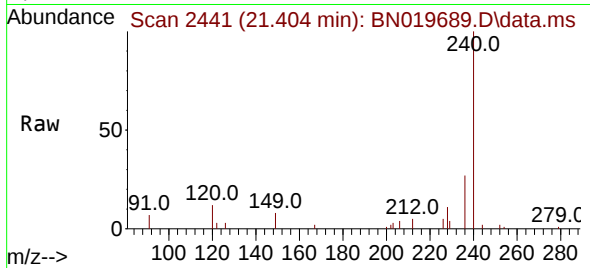




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

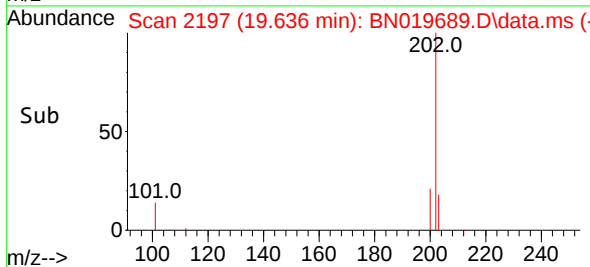
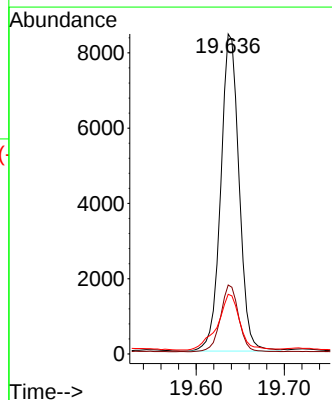
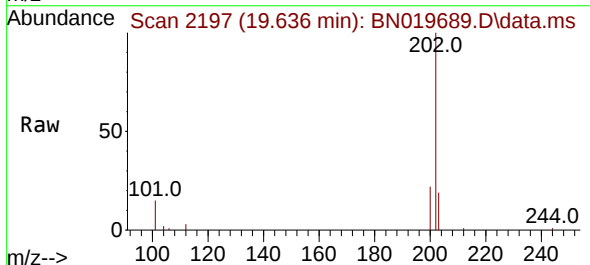
Instrument :
BNA_N
ClientSampleId :
B5-0-2

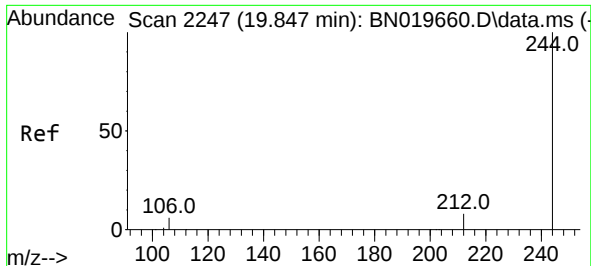
Tgt Ion:240 Resp: 11603
Ion Ratio Lower Upper
240 100
120 12.0 17.4 26.2#
236 27.4 23.0 34.4



#30
Pyrene
Concen: 0.254 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

Tgt Ion:202 Resp: 12203
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 21.1 14.2 21.4

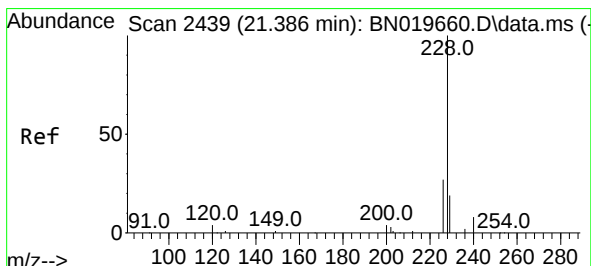
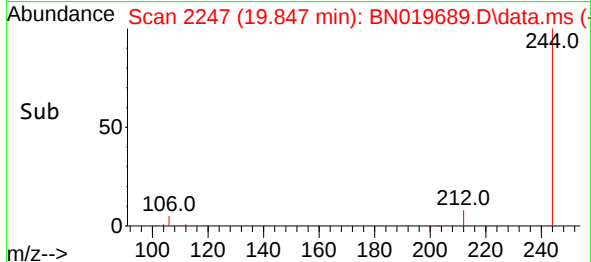
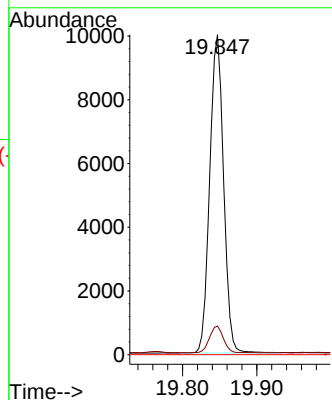
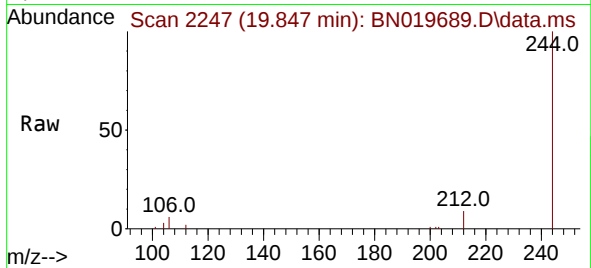




#31
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 19.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN019689.D
 Acq: 05 May 2022 07:16

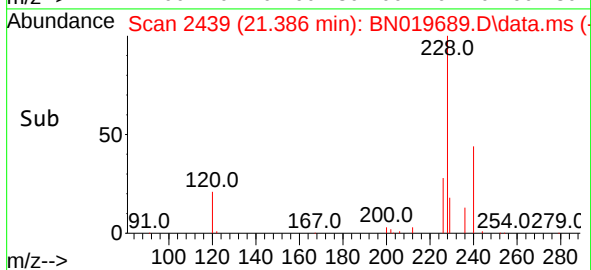
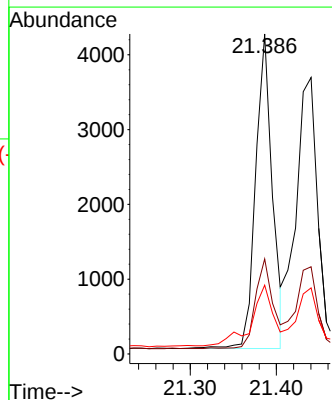
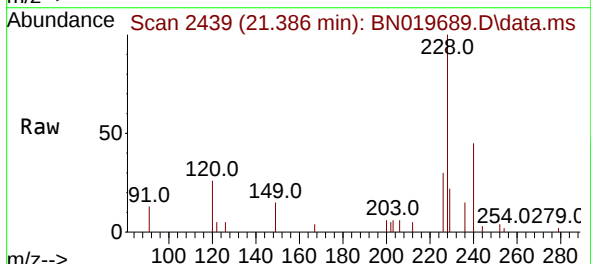
Instrument :
 BNA_N
 ClientSampleId :
 B5-0-2

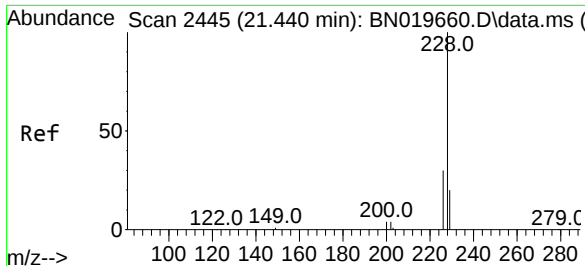
Tgt Ion:244 Resp: 12947
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.6 11.4
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.138 ng
 RT: 21.386 min Scan# 2439
 Delta R.T. -0.000 min
 Lab File: BN019689.D
 Acq: 05 May 2022 07:16

Tgt Ion:228 Resp: 5684
 Ion Ratio Lower Upper
 228 100
 226 29.7 21.6 32.4
 229 21.5 16.5 24.7





#33

Chrysene

Concen: 0.139 ng

RT: 21.440 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BN019689.D

Acq: 05 May 2022 07:16

Instrument :

BNA_N

ClientSampleId :

B5-0-2

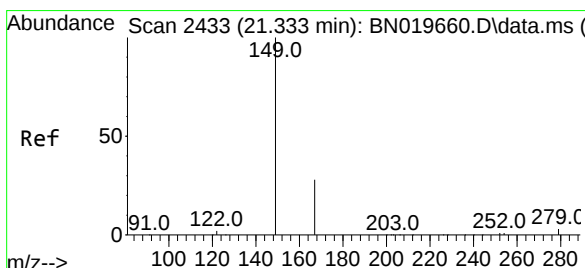
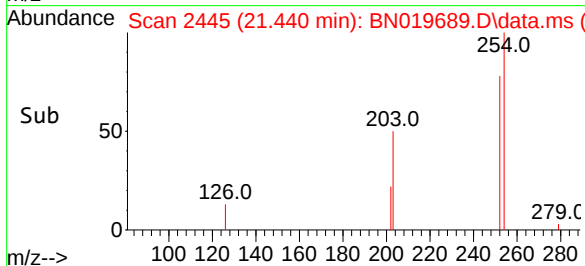
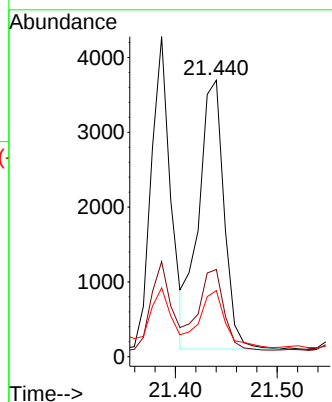
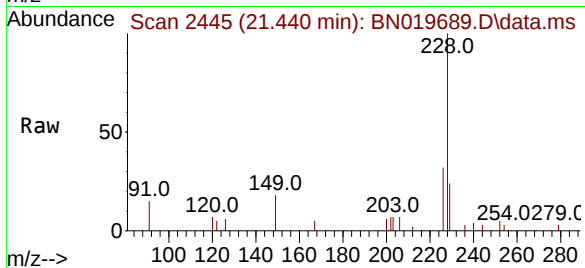
Tgt Ion:228 Resp: 6262

Ion Ratio Lower Upper

228 100

226 31.5 24.6 36.8

229 23.9 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.310 ng

RT: 21.324 min Scan# 2432

Delta R.T. -0.009 min

Lab File: BN019689.D

Acq: 05 May 2022 07:16

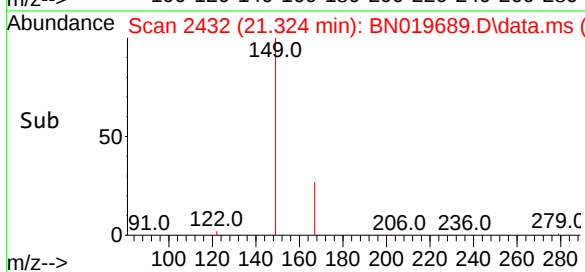
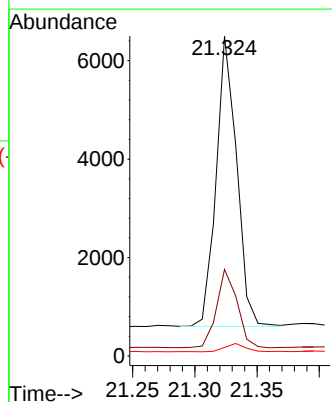
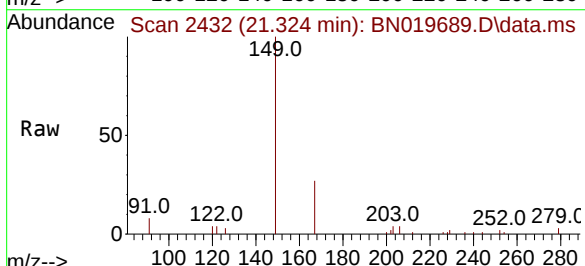
Tgt Ion:149 Resp: 6751

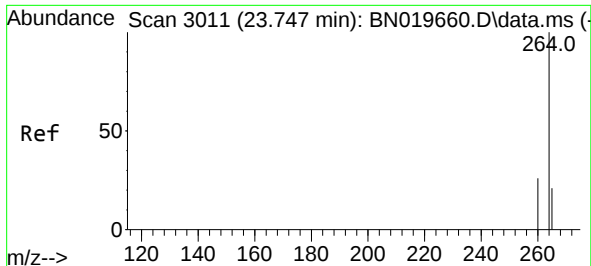
Ion Ratio Lower Upper

149 100

167 26.9 21.7 32.5

279 2.8 2.8 4.2

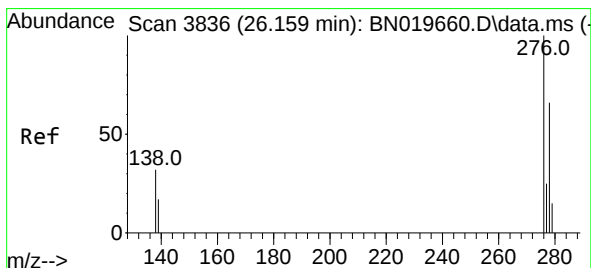
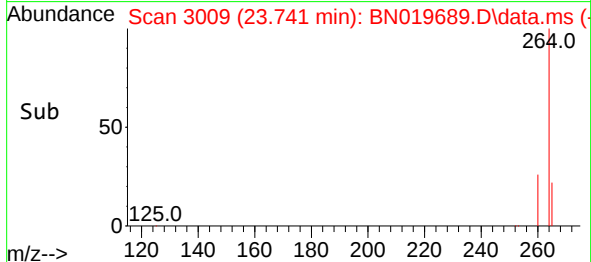
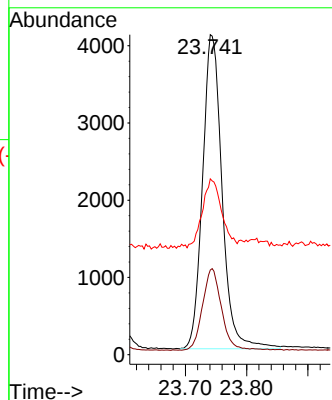
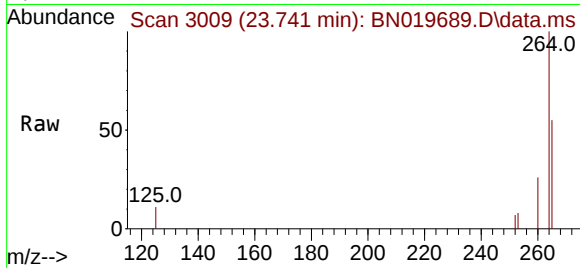




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 3011
 Delta R.T. -0.006 min
 Lab File: BN019689.D
 Acq: 05 May 2022 07:16

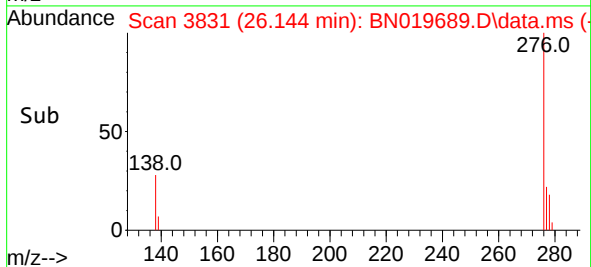
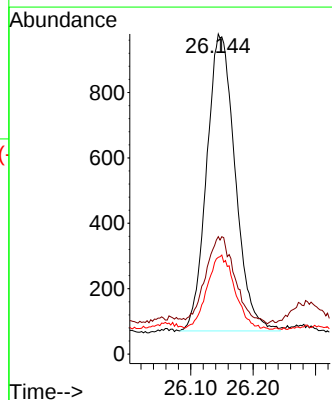
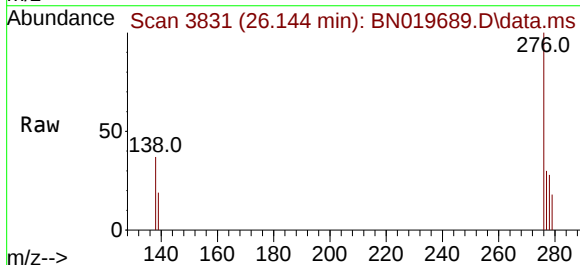
Instrument :
 BNA_N
 ClientSampleId :
 B5-0-2

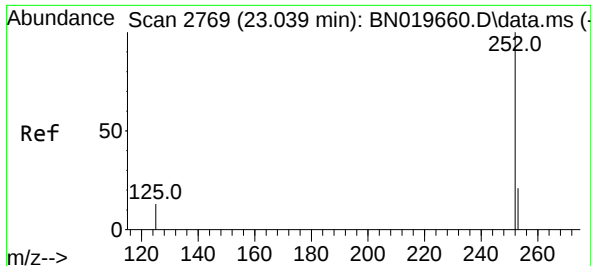
Tgt Ion:264 Resp: 9019
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.0 31.6
 265 54.9 67.9 101.9#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.070 ng
 RT: 26.144 min Scan# 3831
 Delta R.T. -0.015 min
 Lab File: BN019689.D
 Acq: 05 May 2022 07:16

Tgt Ion:276 Resp: 2880
 Ion Ratio Lower Upper
 276 100
 138 30.2 26.6 40.0
 277 23.3 20.0 30.0

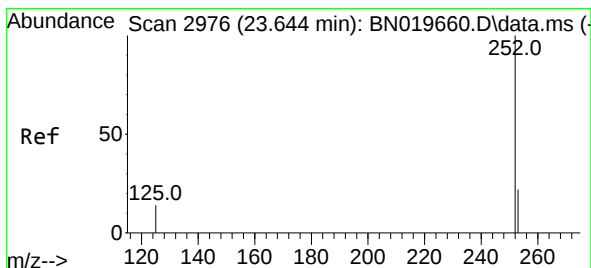
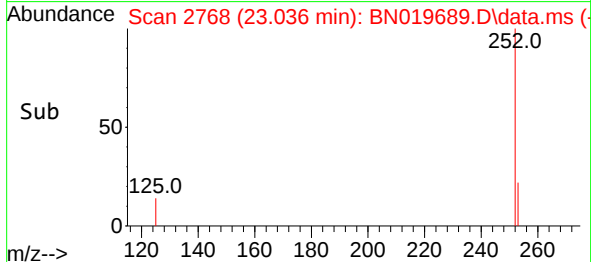
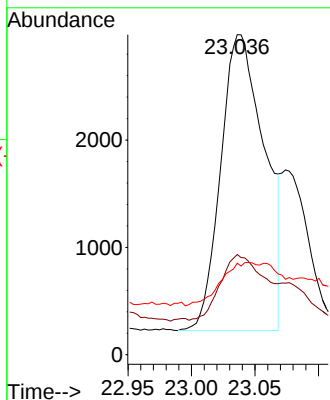
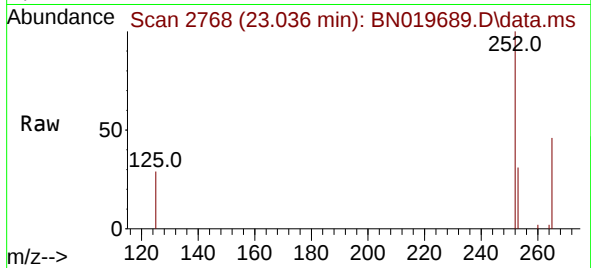




#37
Benzo(b)fluoranthene
Concen: 0.177 ng
RT: 23.036 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

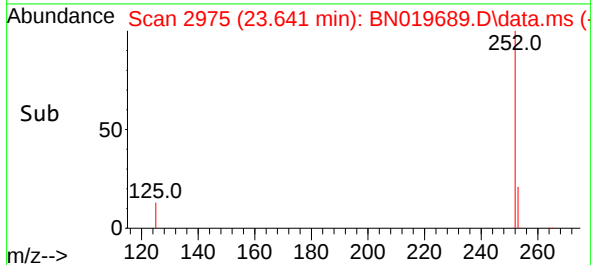
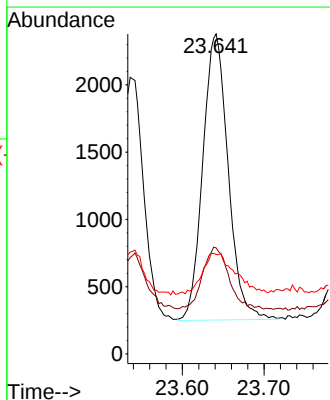
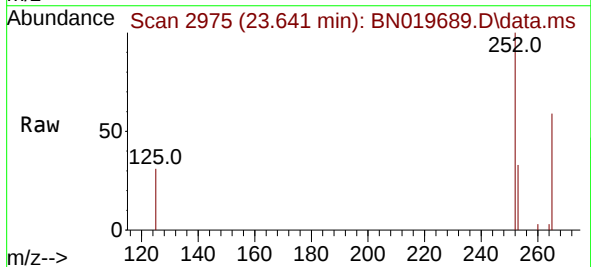
Instrument :
BNA_N
ClientSampleId :
B5-0-2

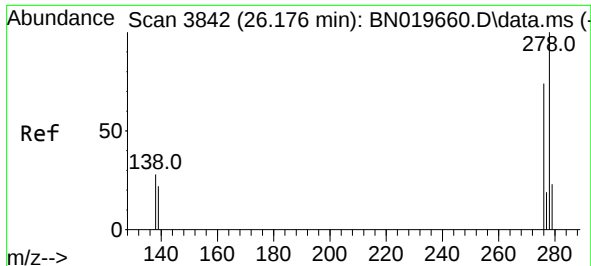
Tgt Ion:252 Resp: 6606
Ion Ratio Lower Upper
252 100
253 31.3 21.2 31.8
125 28.6 15.9 23.9#



#39
Benzo(a)pyrene
Concen: 0.162 ng
RT: 23.641 min Scan# 2975
Delta R.T. -0.003 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

Tgt Ion:252 Resp: 4583
Ion Ratio Lower Upper
252 100
253 33.1 23.1 34.7
125 31.1 20.4 30.6#

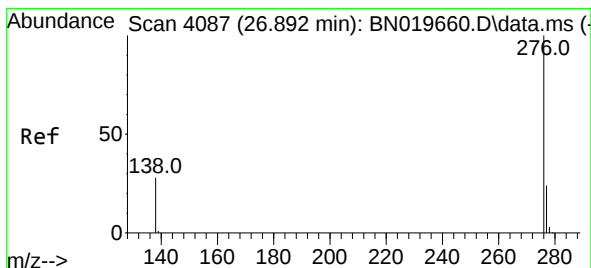
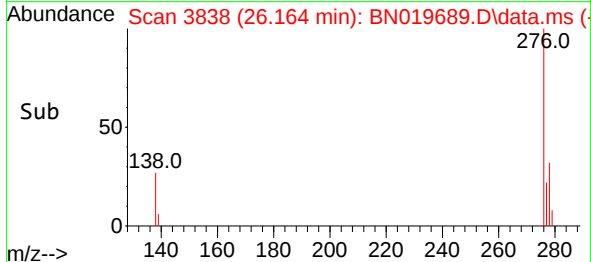
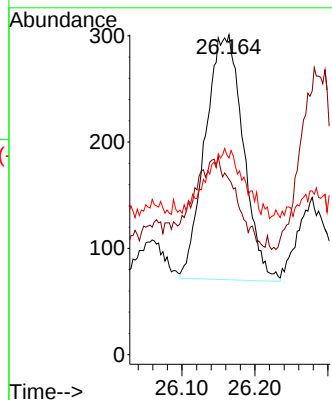
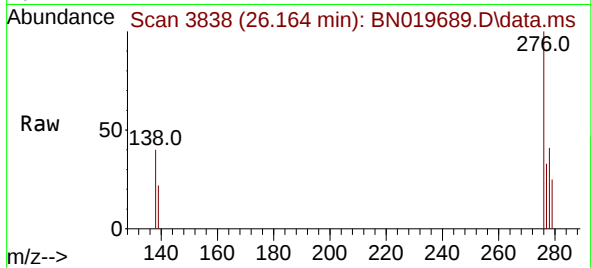




#40
Dibenzo(a,h)anthracene
Concen: 0.025 ng
RT: 26.164 min Scan# 3842
Delta R.T. -0.012 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

Instrument :
BNA_N
ClientSampleId :
B5-0-2

Tgt Ion:278 Resp: 833
Ion Ratio Lower Upper
278 100
139 54.8 19.4 29.2#
279 61.5 21.8 32.8#



#41
Benzo(g,h,i)perylene
Concen: 0.098 ng
RT: 26.889 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BN019689.D
Acq: 05 May 2022 07:16

Tgt Ion:276 Resp: 3253
Ion Ratio Lower Upper
276 100
277 28.1 20.2 30.2
138 34.0 23.5 35.3

