

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
 Data File : BN019687.D
 Acq On : 05 May 2022 06:05
 Operator : CG/JU
 Sample : N2680-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B2-0-2

Quant Time: May 05 07:02:01 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)

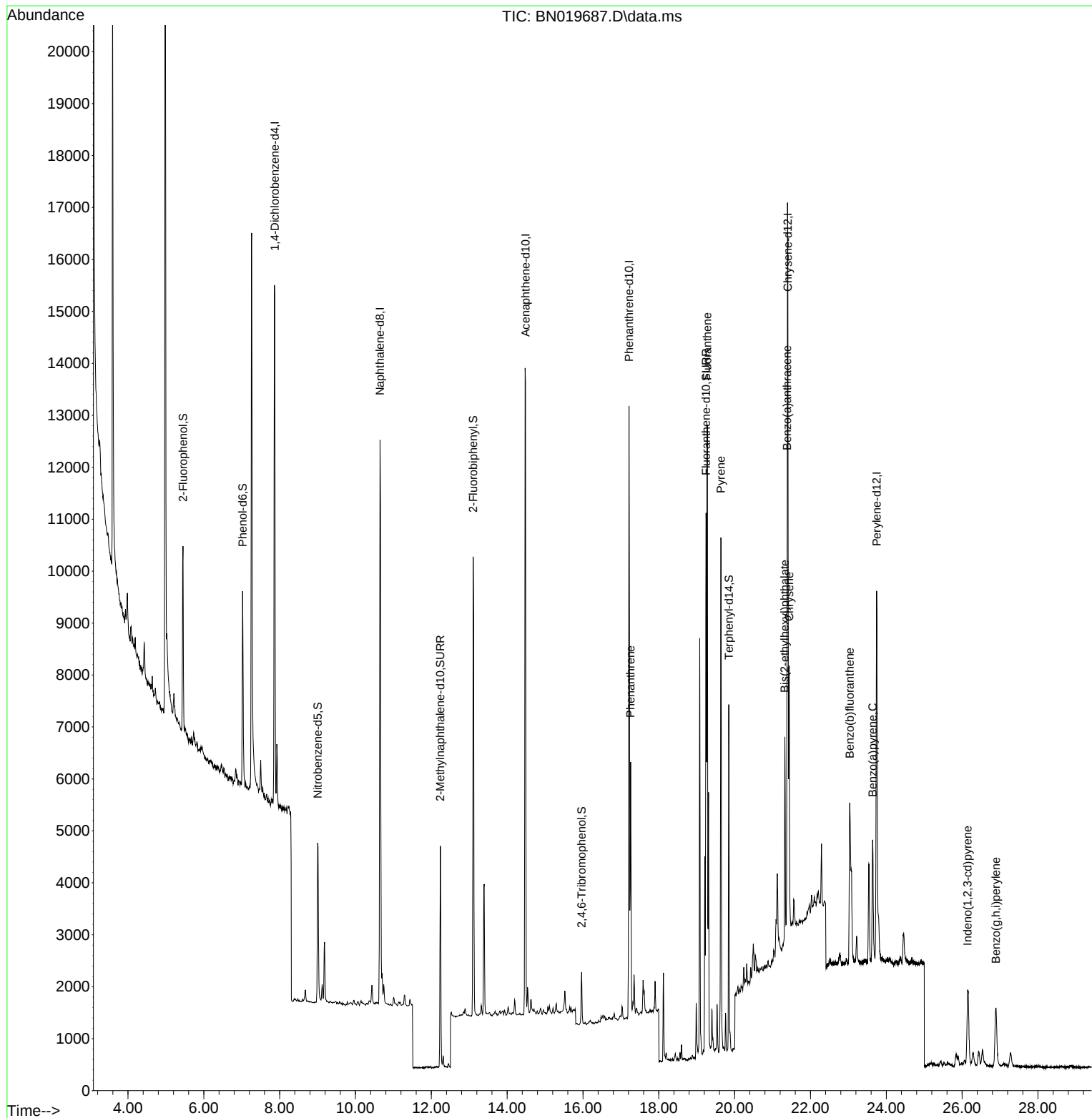
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5242	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	15275	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	8065	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	15578	0.400	ng	0.00
29) Chrysene-d12	21.404	240	12585	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	10647	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	2969	0.243	ng	0.00
5) Phenol-d6	7.024	99	3556	0.237	ng	0.00
8) Nitrobenzene-d5	9.003	82	2768	0.223	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	6110	0.245	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	559	0.187	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	8141	0.234	ng	0.00
27) Fluoranthene-d10	19.248	212	11861	0.275	ng	0.00
31) Terphenyl-d14	19.847	244	7295	0.247	ng	0.00
Target Compounds						
25) Phenanthrene	17.256	178	5099	0.099	ng	99
28) Fluoranthene	19.278	202	10666	0.198	ng	99
30) Pyrene	19.636	202	9707	0.187	ng	# 96
32) Benzo(a)anthracene	21.386	228	4473	0.100	ng	96
33) Chrysene	21.440	228	4936	0.101	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.324	149	3750	0.159	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.147	276	2483	0.051	ng	93
37) Benzo(b)fluoranthene	23.036	252	5543	0.126	ng	# 85
39) Benzo(a)pyrene	23.638	252	3723	0.112	ng	# 88
41) Benzo(g,h,i)perylene	26.892	276	2569	0.066	ng	# 87

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

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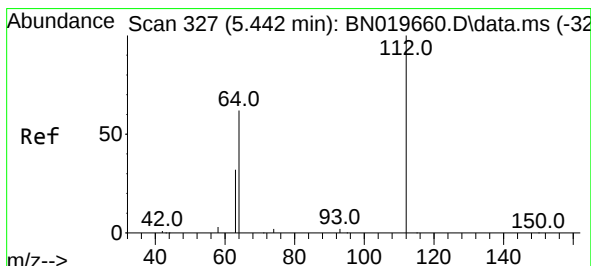
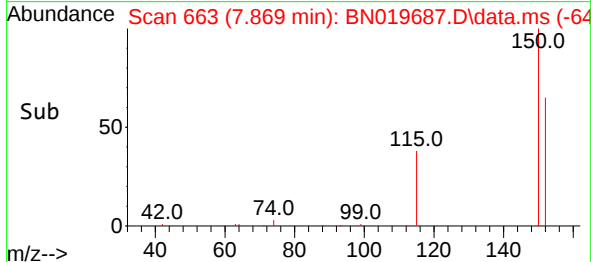
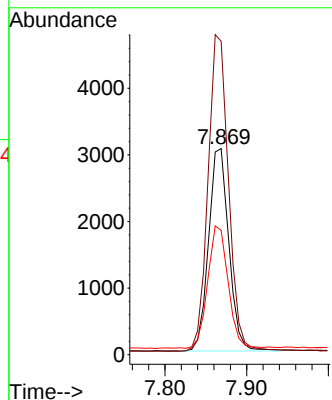
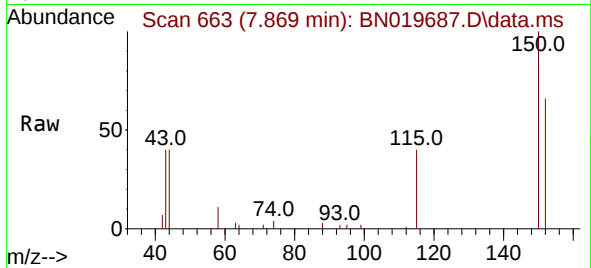




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.869 min Scan# 662
 Delta R.T. 0.007 min
 Lab File: BN019687.D
 Acq: 05 May 2022 06:05

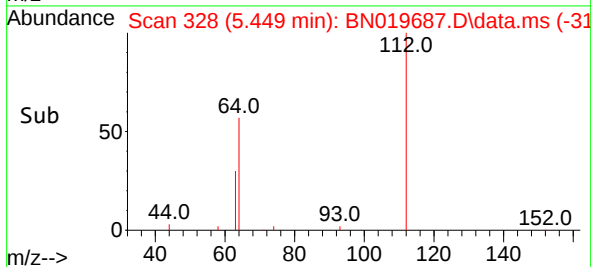
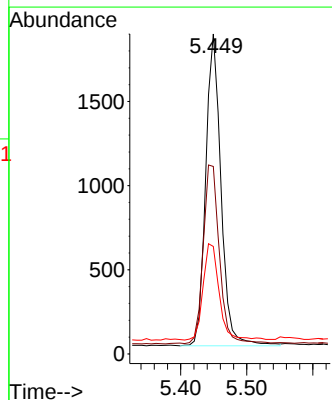
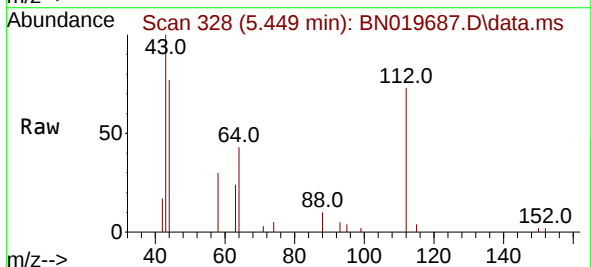
Instrument :
 BNA_N
 ClientSampleId :
 B2-0-2

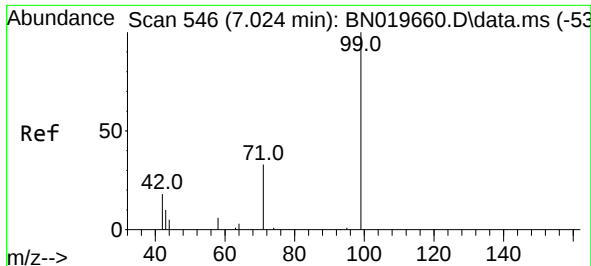
Tgt Ion:152 Resp: 5242
 Ion Ratio Lower Upper
 152 100
 150 152.1 122.6 183.8
 115 60.4 49.0 73.6



#4
 2-Fluorophenol
 Concen: 0.243 ng
 RT: 5.449 min Scan# 328
 Delta R.T. 0.007 min
 Lab File: BN019687.D
 Acq: 05 May 2022 06:05

Tgt Ion:112 Resp: 2969
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.3 70.9
 63 32.5 24.6 36.8

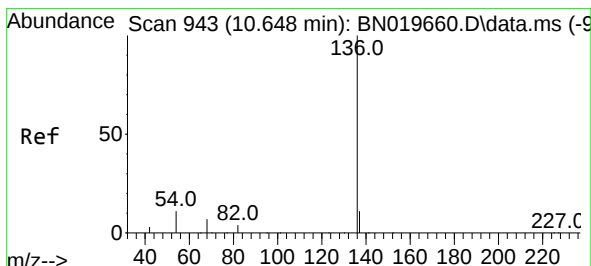
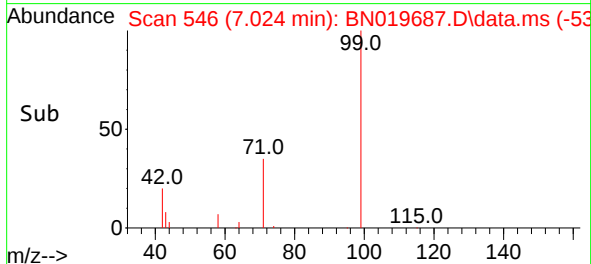
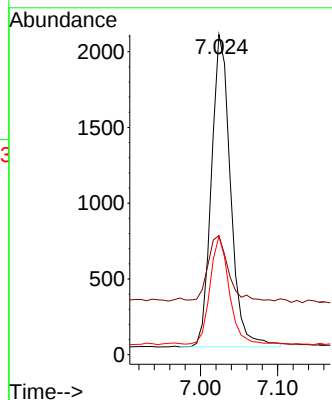
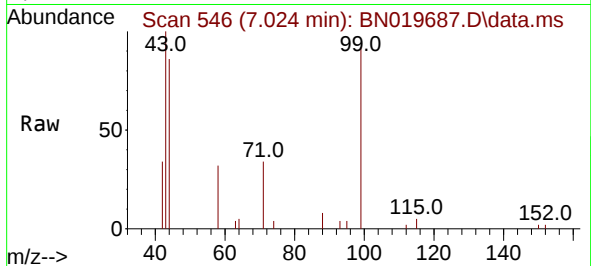




#5
Phenol-d6
Concen: 0.237 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

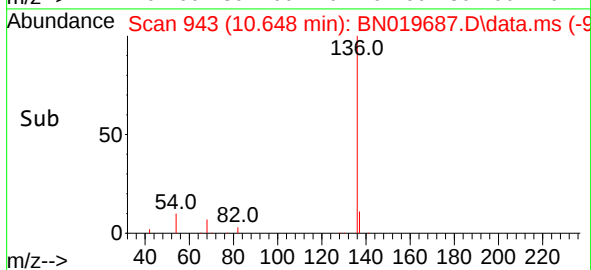
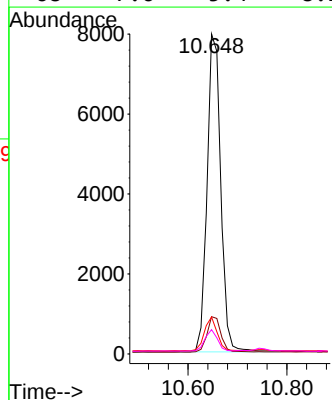
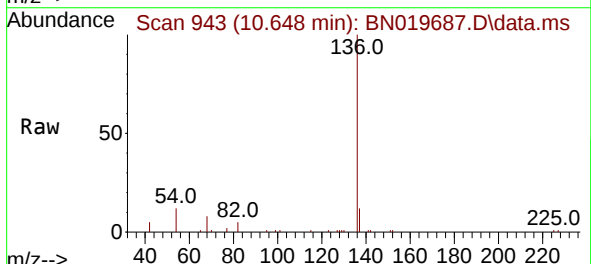
Instrument :
BNA_N
ClientSampleId :
B2-0-2

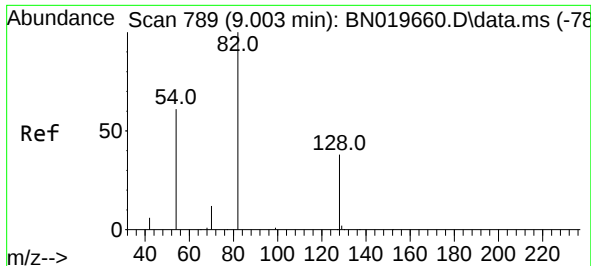
Tgt Ion:	99	Resp:	3556
Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.8	23.8
71	34.2	26.5	39.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Tgt Ion:	136	Resp:	15275
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	11.5	7.8	11.6
68	7.6	5.4	8.2

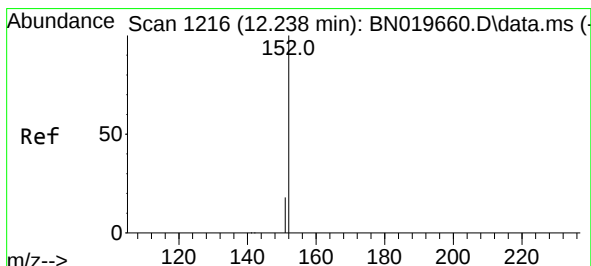
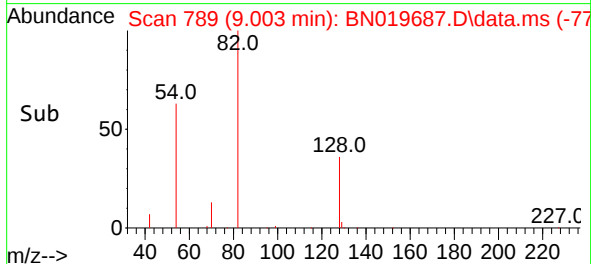
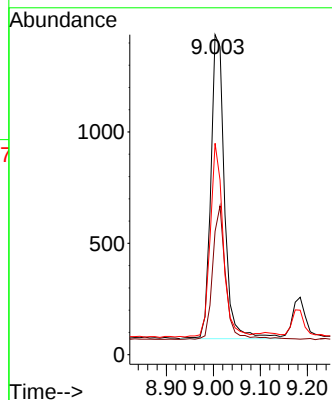
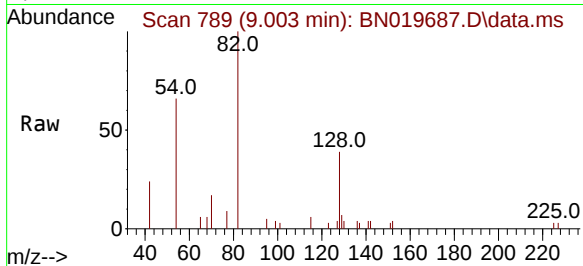




#8
 Nitrobenzene-d5
 Concen: 0.223 ng
 RT: 9.003 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: BN019687.D
 Acq: 05 May 2022 06:05

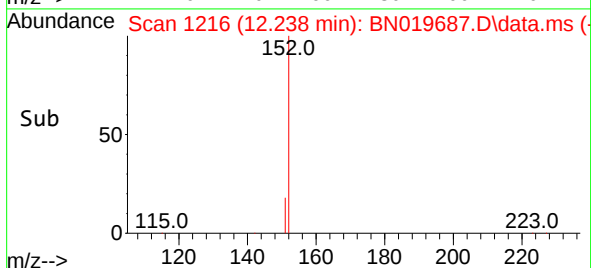
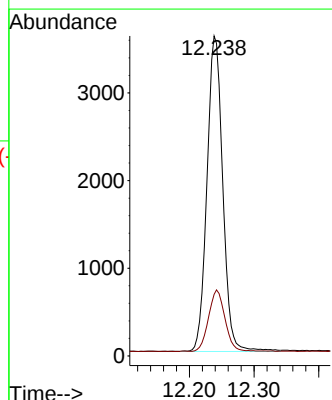
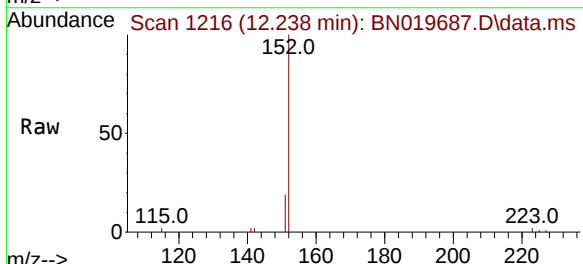
Instrument :
 BNA_N
 ClientSampleId :
 B2-0-2

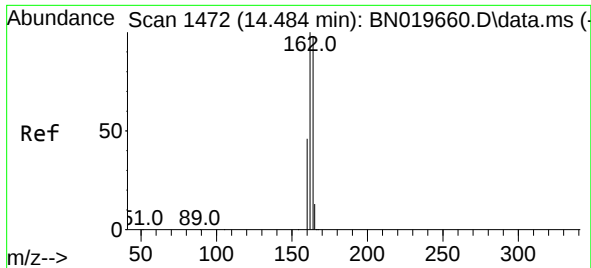
Tgt Ion: 82 Resp: 2768
 Ion Ratio Lower Upper
 82 100
 128 38.6 32.4 48.6
 54 66.0 44.4 66.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.245 ng
 RT: 12.238 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: BN019687.D
 Acq: 05 May 2022 06:05

Tgt Ion: 152 Resp: 6110
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4

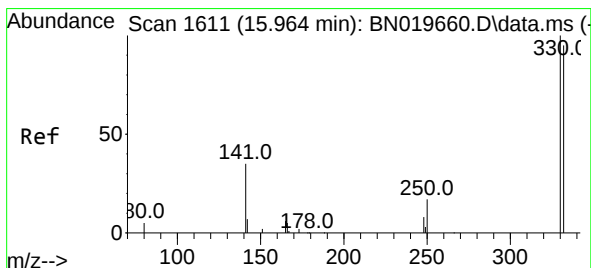
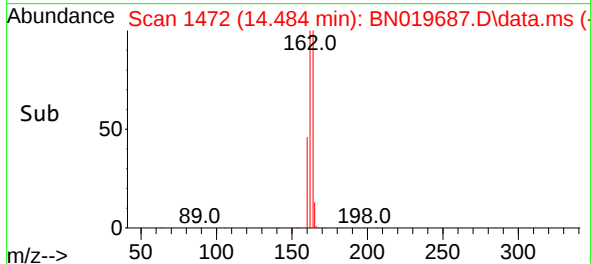
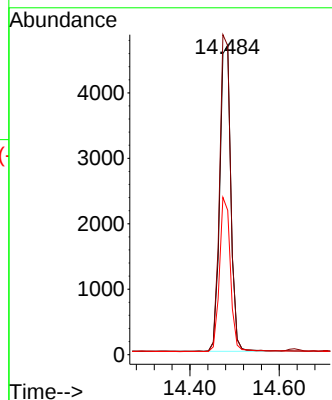
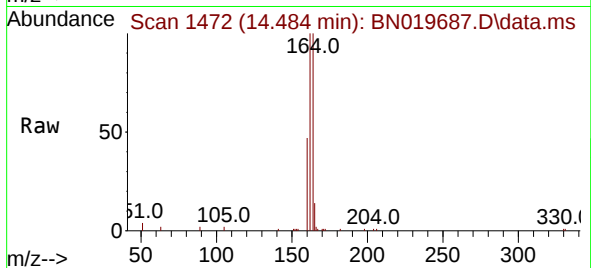




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

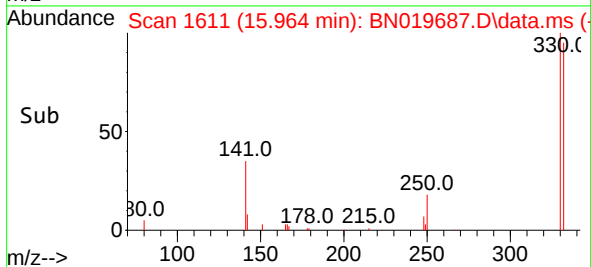
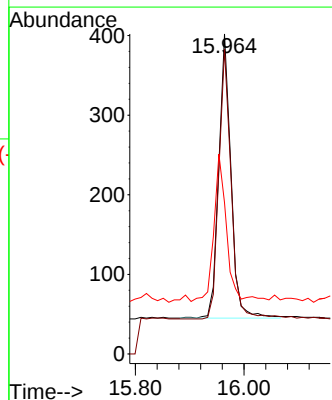
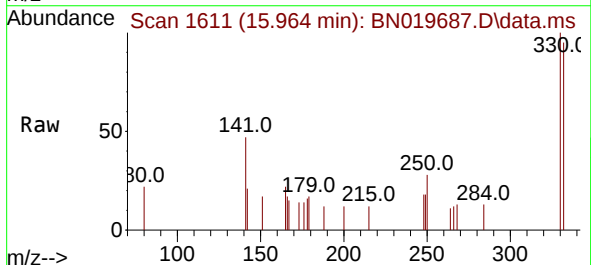
Instrument :
BNA_N
ClientSampleId :
B2-0-2

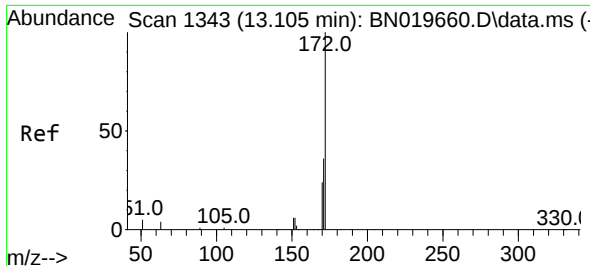
Tgt Ion:164 Resp: 8065
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.6
160 46.6 38.3 57.5



#14
2,4,6-Tribromophenol
Concen: 0.187 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Tgt Ion:330 Resp: 559
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 51.9 39.7 59.5

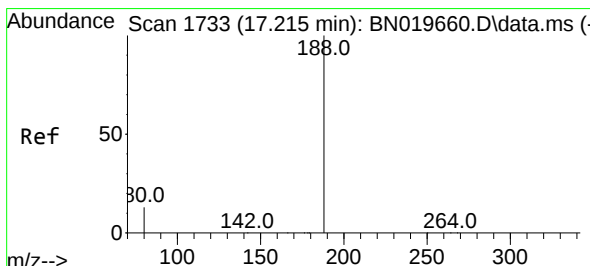
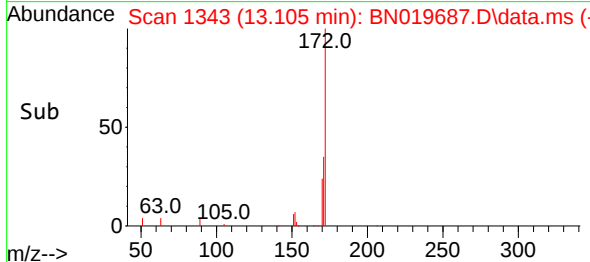
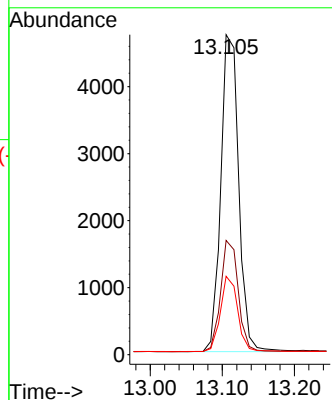
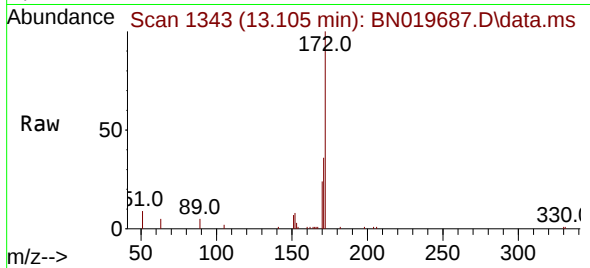




#15
2-Fluorobiphenyl
Concen: 0.234 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

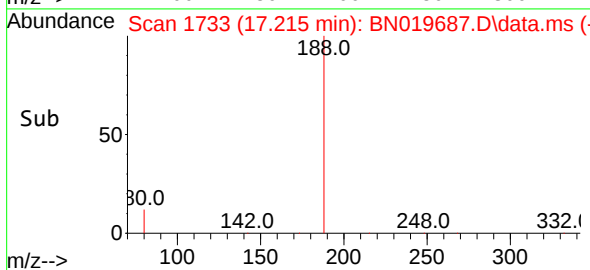
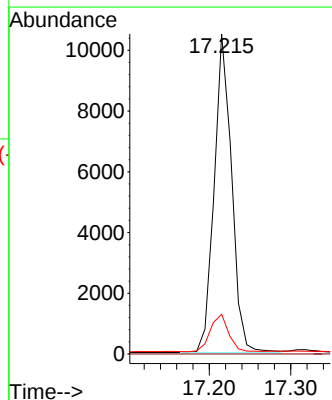
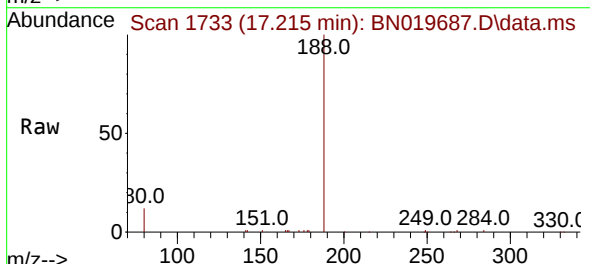
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BNA_N
ClientSampleId :
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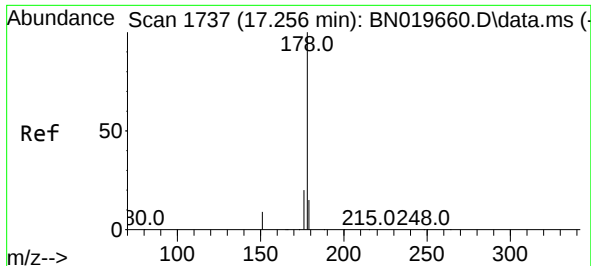
Tgt Ion:172 Resp: 8141
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.5 19.0 28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Tgt Ion:188 Resp: 15578
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 8.6 12.8

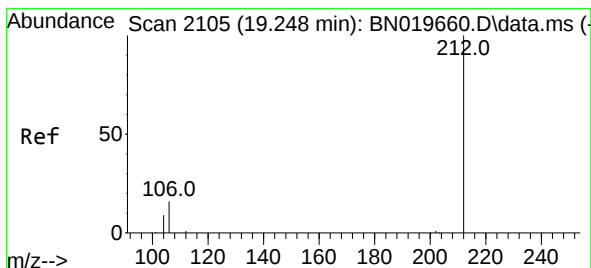
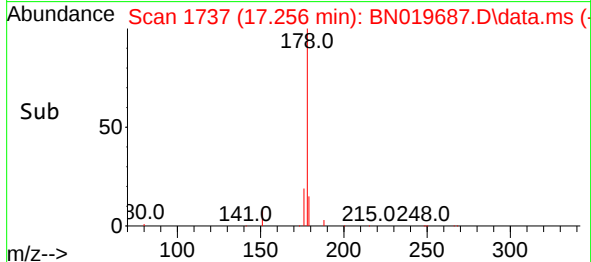
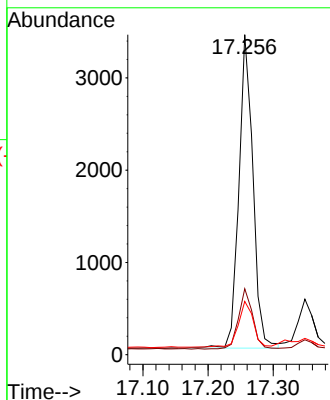
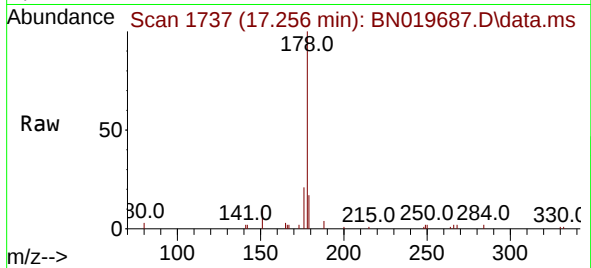




#25
Phenanthrene
Concen: 0.099 ng
RT: 17.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

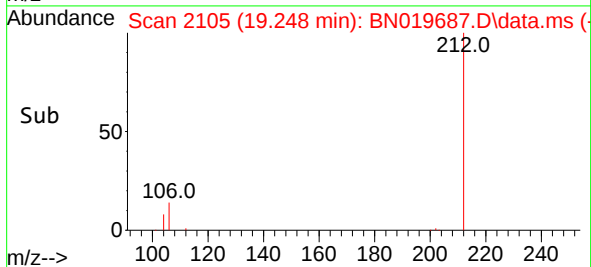
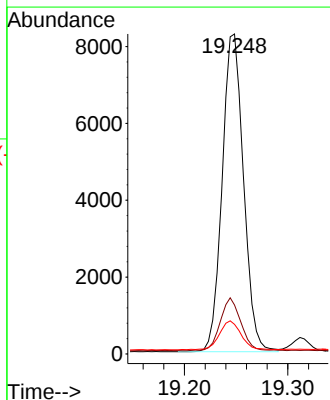
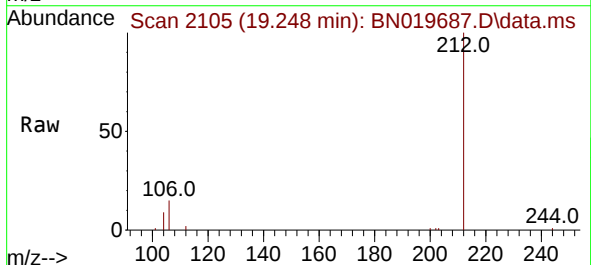
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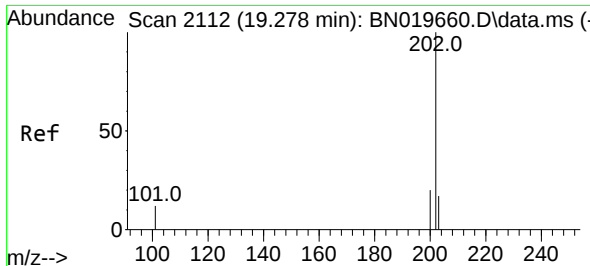
Tgt Ion:178 Resp: 5099
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.5 12.1 18.1



#27
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.248 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Tgt Ion:212 Resp: 11861
Ion Ratio Lower Upper
212 100
106 16.0 13.5 20.3
104 9.3 7.6 11.4

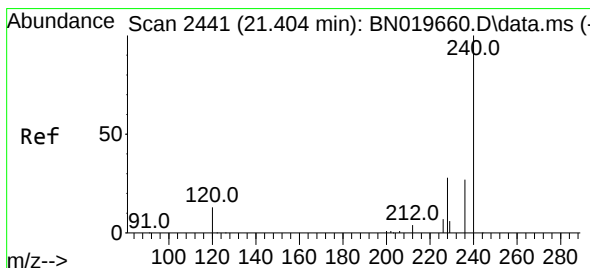
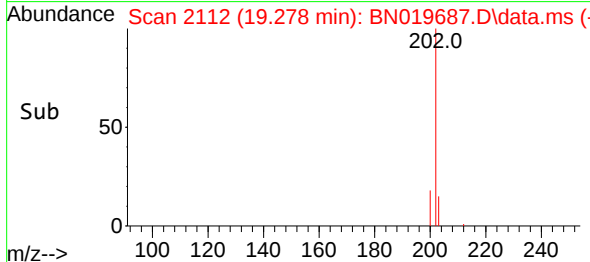
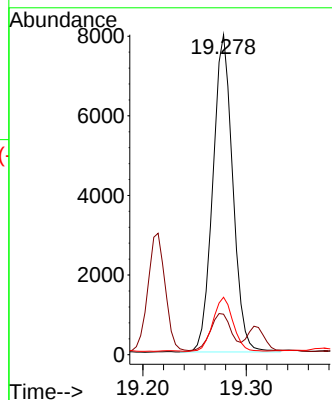
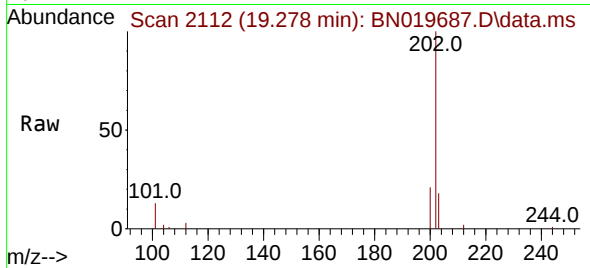




#28
Fluoranthene
Concen: 0.198 ng
RT: 19.278 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

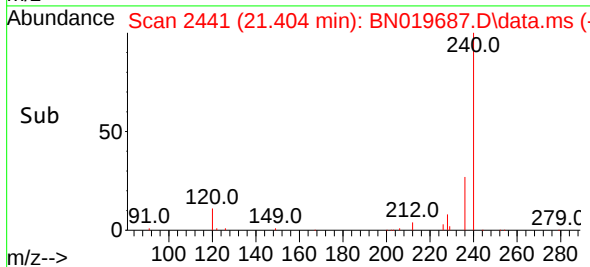
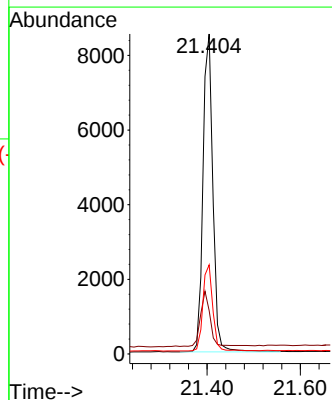
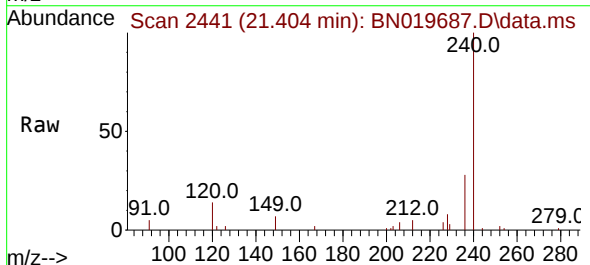
Instrument :
BNA_N
ClientSampleId :
B2-0-2

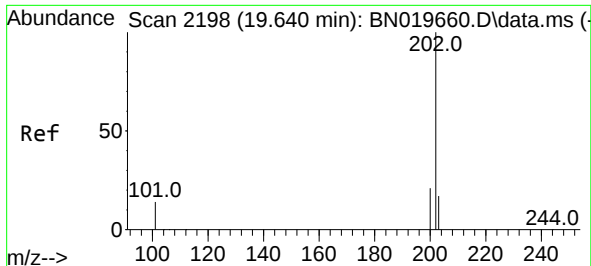
Tgt Ion:202 Resp: 10666
Ion Ratio Lower Upper
202 100
101 12.5 10.6 15.8
203 17.2 13.6 20.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Tgt Ion:240 Resp: 12585
Ion Ratio Lower Upper
240 100
120 13.6 17.4 26.2#
236 27.8 23.0 34.4

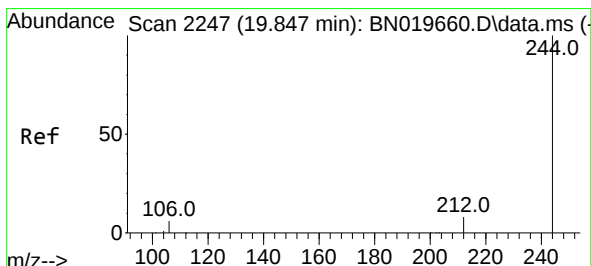
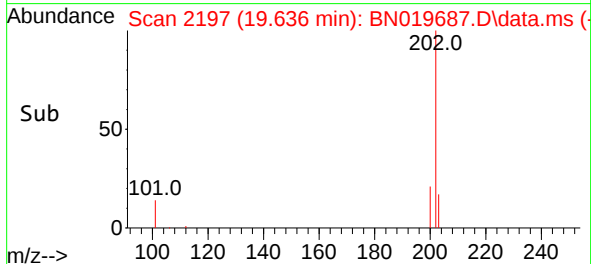
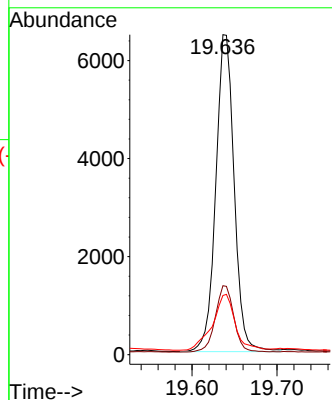
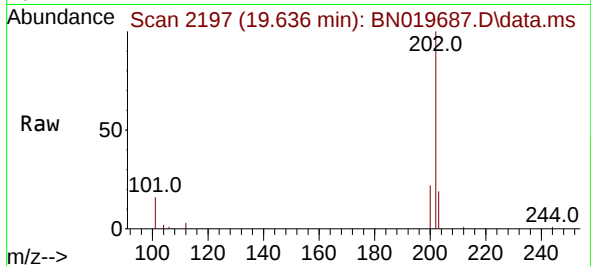




#30
Pyrene
Concen: 0.187 ng
RT: 19.636 min Scan# 2198
Delta R.T. -0.004 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

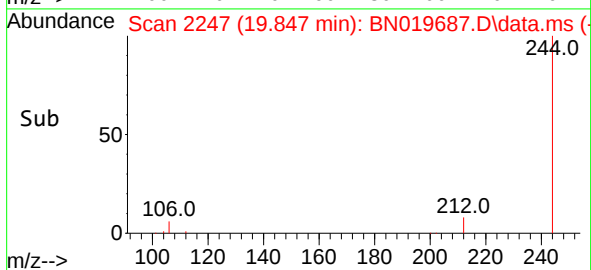
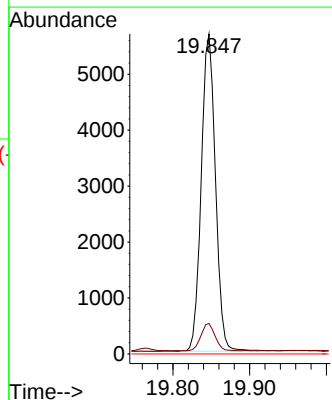
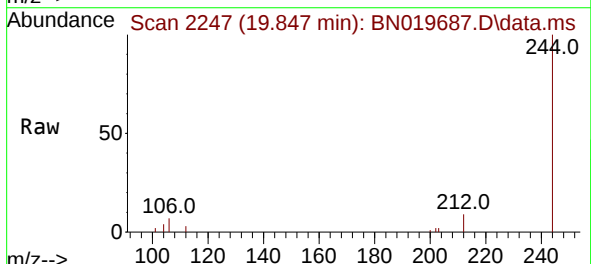
Instrument :
BNA_N
ClientSampleId :
B2-0-2

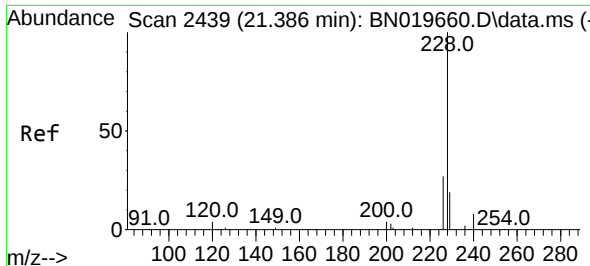
Tgt Ion:202 Resp: 9707
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 21.8 14.2 21.4#



#31
Terphenyl-d14
Concen: 0.247 ng
RT: 19.847 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Tgt Ion:244 Resp: 7295
Ion Ratio Lower Upper
244 100
212 9.5 7.6 11.4
122 0.0 0.0 0.0

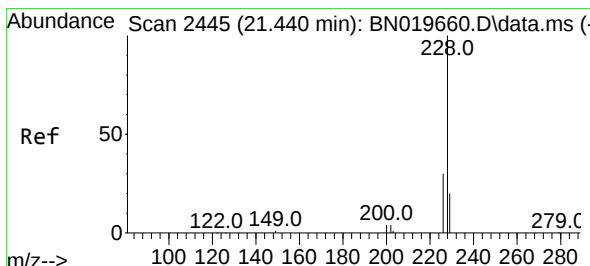
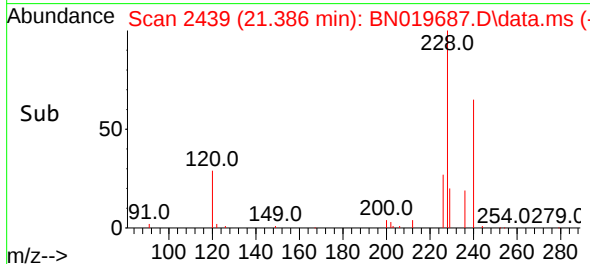
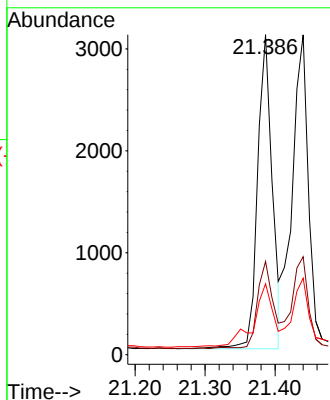
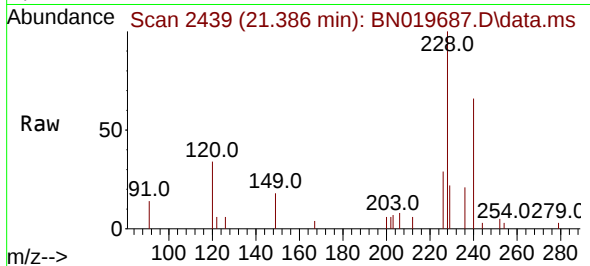




#32
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

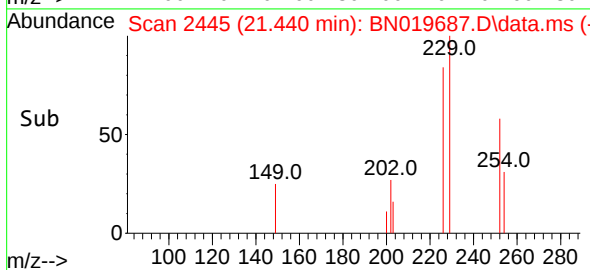
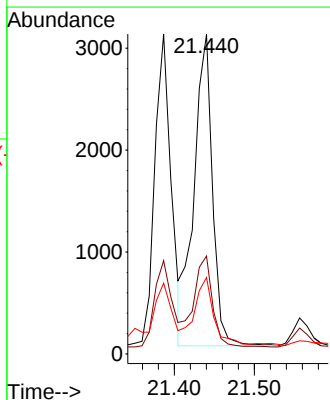
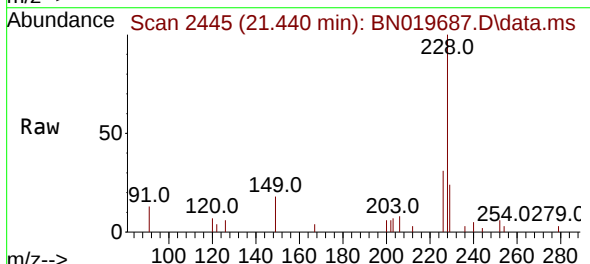
Instrument :
BNA_N
ClientSampleId :
B2-0-2

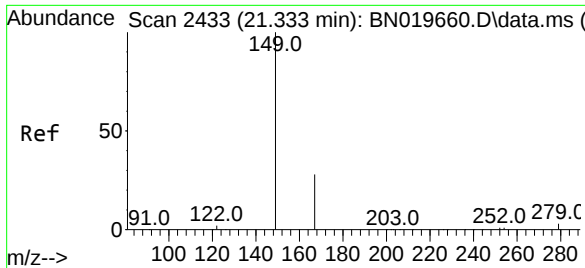
Tgt Ion:228 Resp: 4473
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 22.2 16.5 24.7



#33
Chrysene
Concen: 0.101 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Tgt Ion:228 Resp: 4936
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 23.9 15.9 23.9

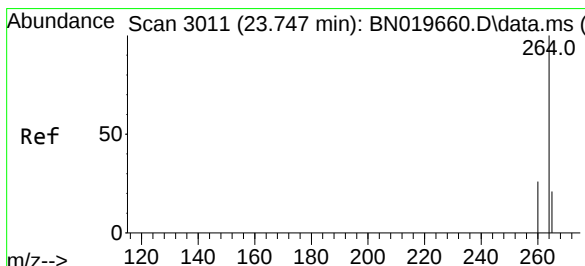
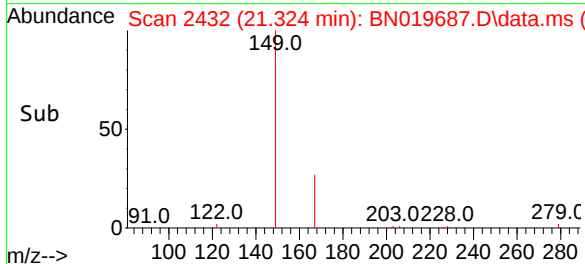
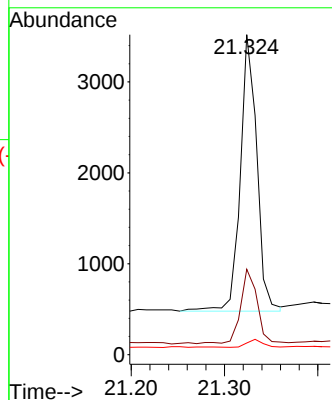
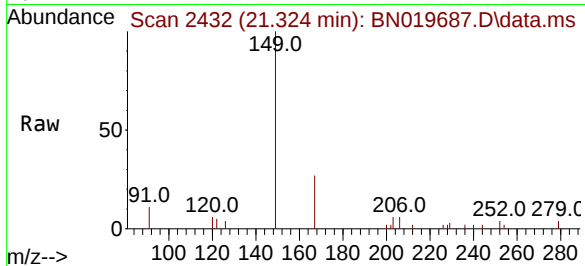




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.159 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019687.D
 Acq: 05 May 2022 06:05

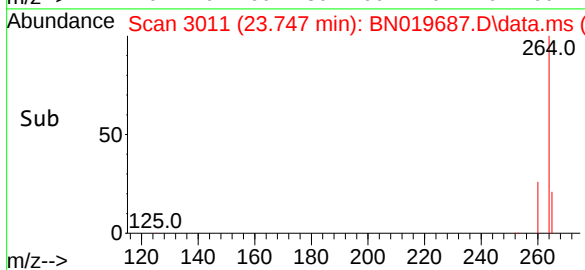
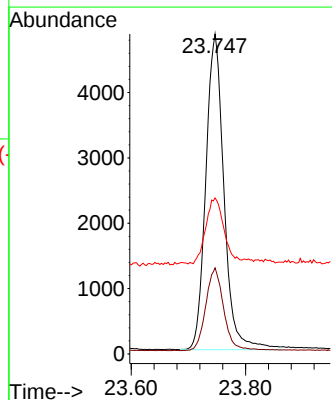
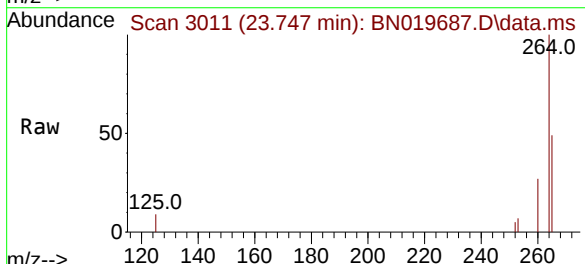
Instrument :
 BNA_N
 ClientSampleId :
 B2-0-2

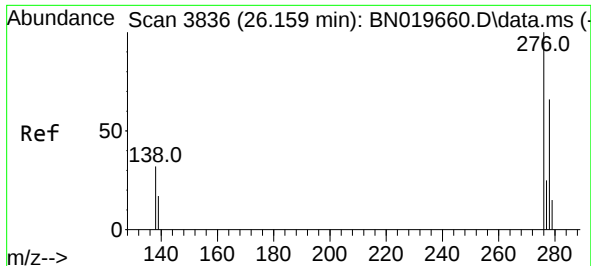
Tgt Ion:149 Resp: 3750
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.7 32.5
 279 2.8 2.8 4.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.747 min Scan# 3011
 Delta R.T. 0.000 min
 Lab File: BN019687.D
 Acq: 05 May 2022 06:05

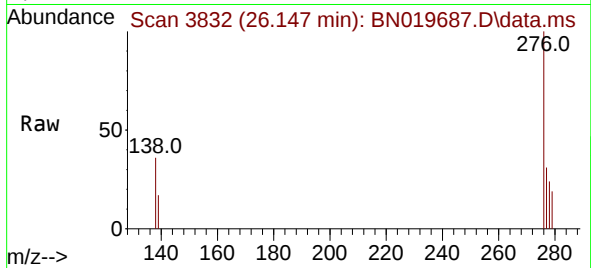
Tgt Ion:264 Resp: 10647
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.0 31.6
 265 48.8 67.9 101.9#



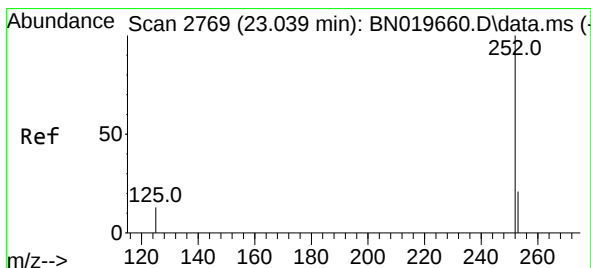
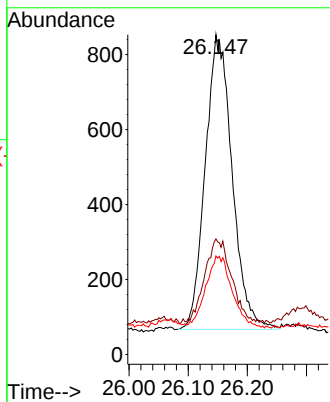
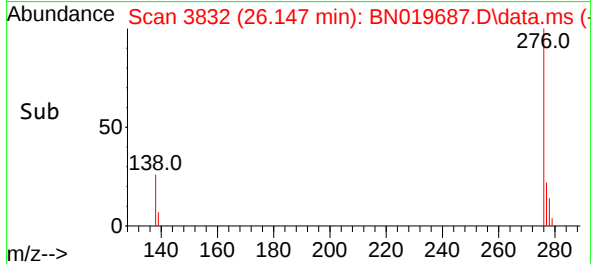


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng
RT: 26.147 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Instrument :
BNA_N
ClientSampleId :
B2-0-2

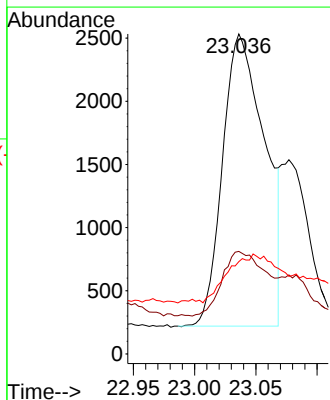
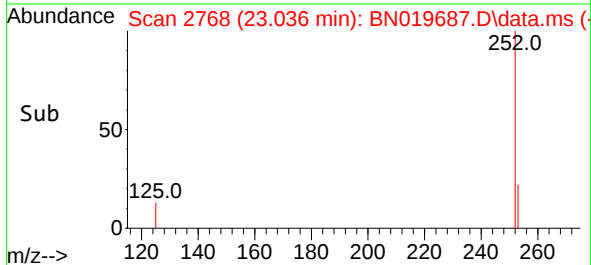
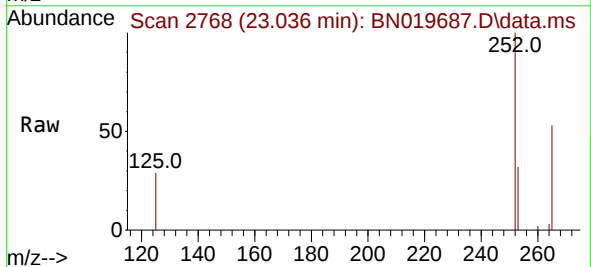


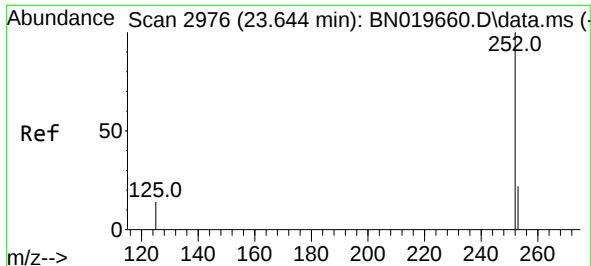
Tgt Ion:276 Resp: 2483
Ion Ratio Lower Upper
276 100
138 27.3 26.6 40.0
277 24.0 20.0 30.0



#37
Benzo(b)fluoranthene
Concen: 0.126 ng
RT: 23.036 min Scan# 2768
Delta R.T. -0.003 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Tgt Ion:252 Resp: 5543
Ion Ratio Lower Upper
252 100
253 32.1 21.2 31.8#
125 28.9 15.9 23.9#

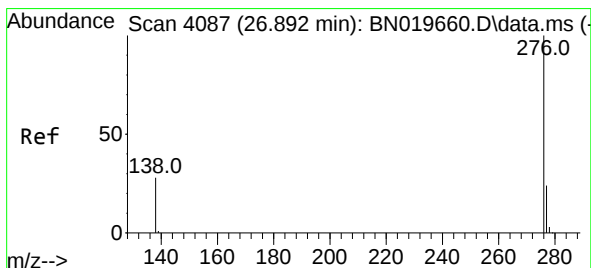
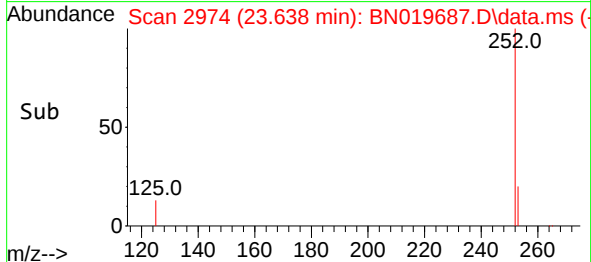
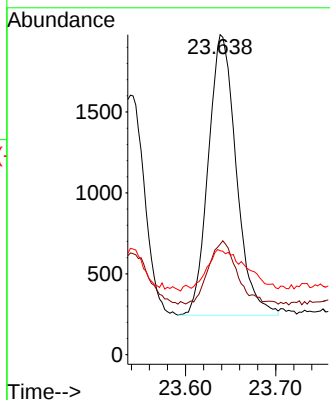
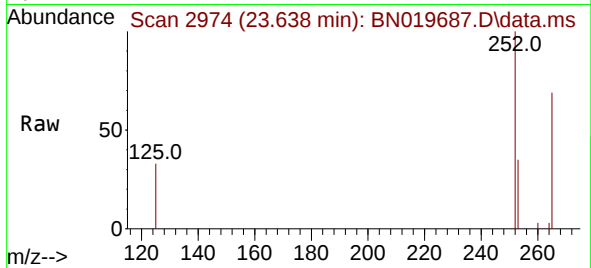




#39
Benzo(a)pyrene
Concen: 0.112 ng
RT: 23.638 min Scan# 2974
Delta R.T. -0.006 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Instrument :
BNA_N
ClientSampleId :
B2-0-2

Tgt Ion:252 Resp: 3723
Ion Ratio Lower Upper
252 100
253 34.5 23.1 34.7
125 32.5 20.4 30.6#



#41
Benzo(g,h,i)perylene
Concen: 0.066 ng
RT: 26.892 min Scan# 4087
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Tgt Ion:276 Resp: 2569
Ion Ratio Lower Upper
276 100
277 30.7 20.2 30.2#
138 37.1 23.5 35.3#

