

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
 Data File : BN019031.D
 Acq On : 21 Mar 2022 20:19
 Operator : CG/JU
 Sample : N2007-03 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP3

Quant Time: Mar 22 02:32:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

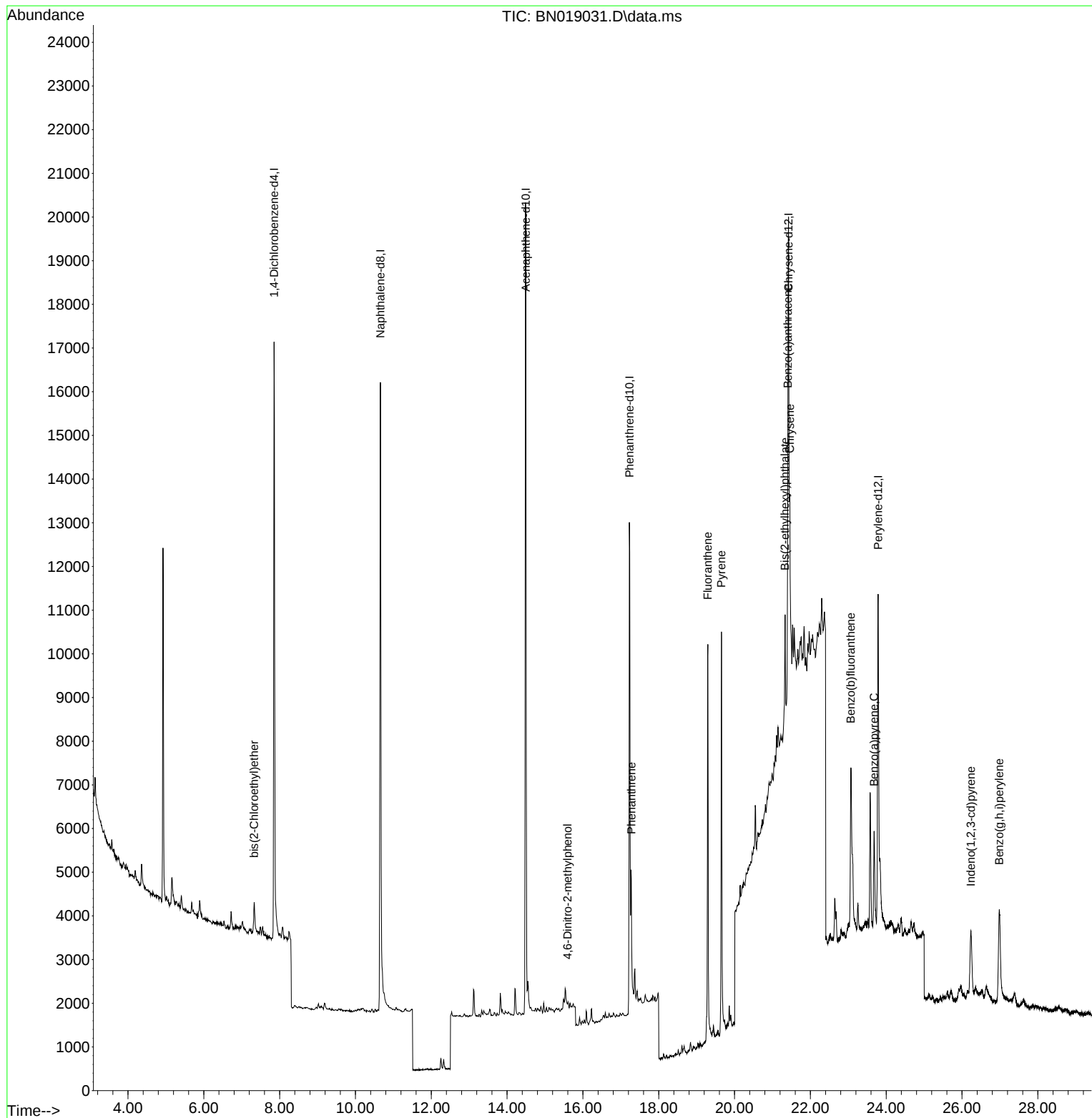
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	7611	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	21230	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	12316	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	19764	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	12508	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	12420	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	291	0.017	ng	0.00
5) Phenol-d6	7.024	99	225	0.013	ng	0.01
8) Nitrobenzene-d5	9.014	82	149	0.010	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	451	0.013	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	85	0.014	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	708	0.014	ng	0.00
27) Fluoranthene-d10	19.261	212	713	0.012	ng	0.00
31) Terphenyl-d14	19.860	244	574	0.019	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.327	93	1348	0.063	ng	# 23
20) 4,6-Dinitro-2-methylph...	15.596	198	8	0.112	ng	# 1
25) Phenanthrene	17.277	178	3334	0.054	ng	99
28) Fluoranthene	19.295	202	9690	0.134	ng	99
30) Pyrene	19.653	202	9313	0.149	ng	# 93
32) Benzo(a)anthracene	21.404	228	3722	0.097	ng	# 66
33) Chrysene	21.458	228	4856	0.093	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.333	149	2243	0.088	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.235	276	3030	0.068	ng	# 90
37) Benzo(b)fluoranthene	23.068	252	6233	0.138	ng	# 28
39) Benzo(a)pyrene	23.682	252	3521	0.085	ng	# 35
41) Benzo(g,h,i)perylene	26.983	276	5475	0.124	ng	# 73

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

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Instrument :
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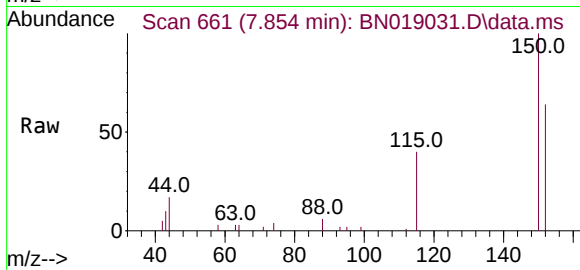
Quant Time: Mar 22 02:32:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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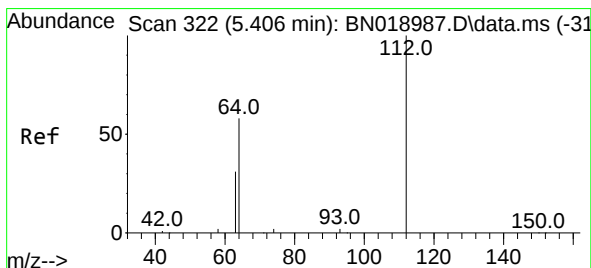
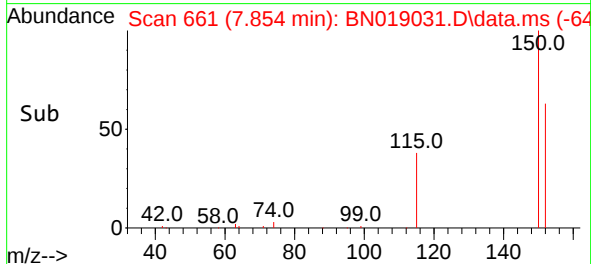
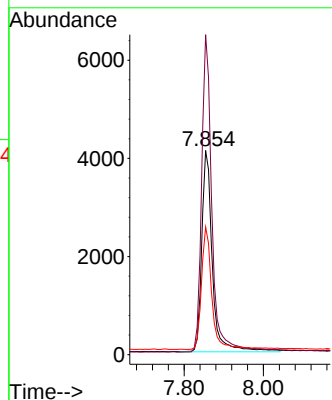


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SP3

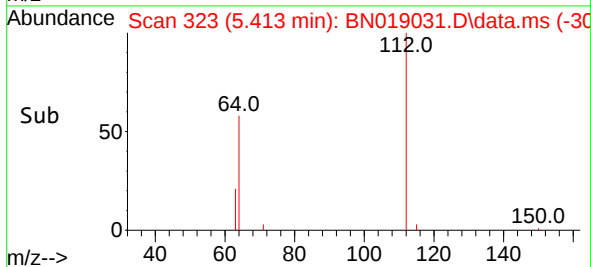
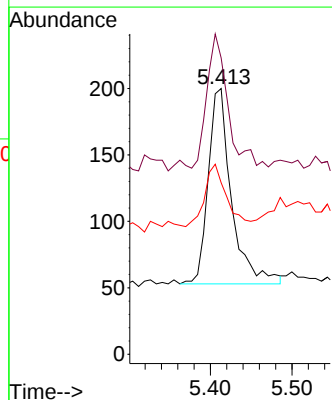
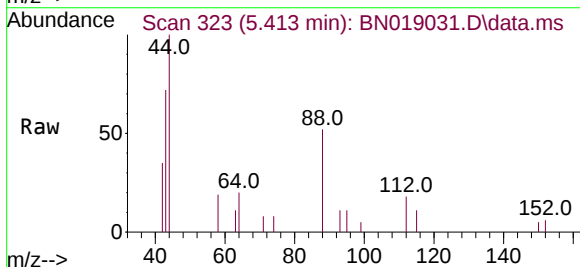


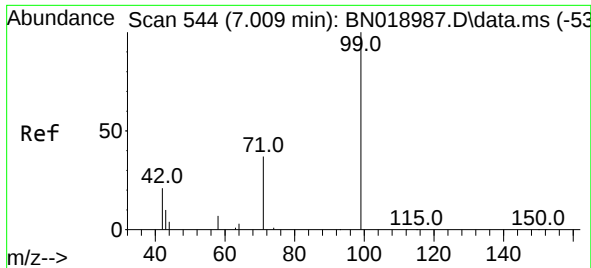
Tgt Ion:152 Resp: 7611
Ion Ratio Lower Upper
152 100
150 156.8 123.9 185.9
115 62.5 48.2 72.4



#4
2-Fluorophenol
Concen: 0.017 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.007 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Tgt Ion:112 Resp: 291
Ion Ratio Lower Upper
112 100
64 64.9 47.8 71.8
63 29.9 25.7 38.5

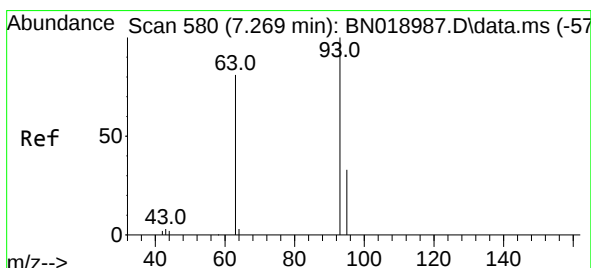
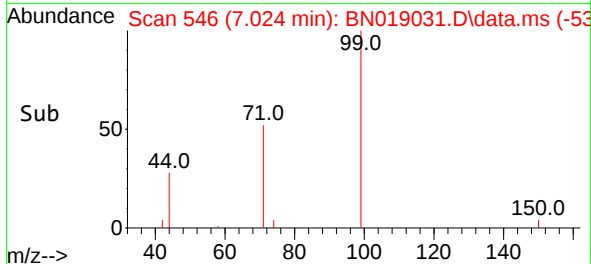
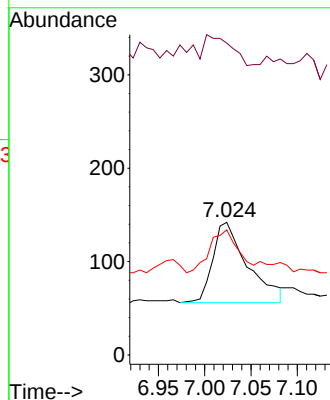
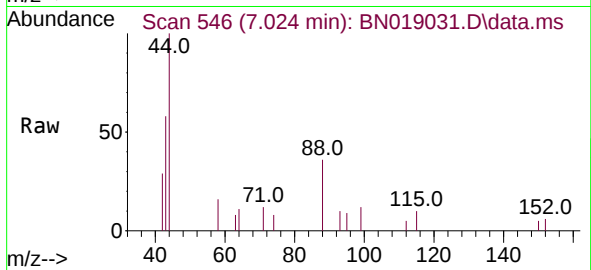




#5
Phenol-d6
Concen: 0.013 ng
RT: 7.024 min Scan# 544
Delta R.T. 0.014 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

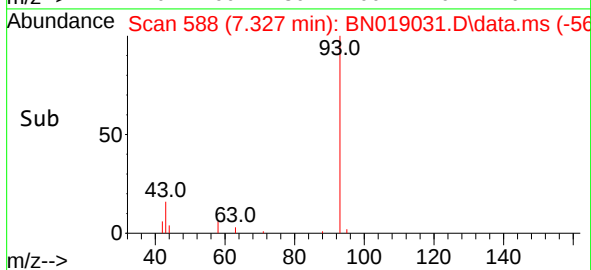
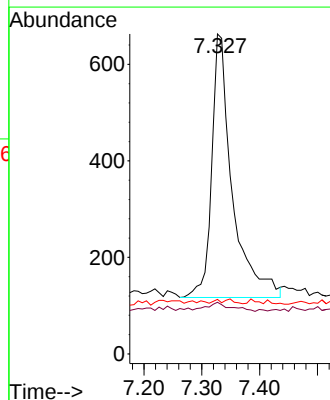
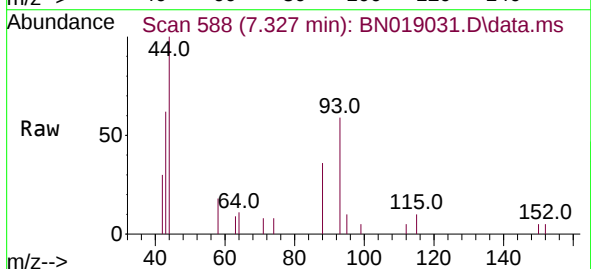
Instrument :
BNA_N
ClientSampleId :
SP3

Tgt Ion: 99 Resp: 225
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 43.6 27.7 41.5#



#6
bis(2-Chloroethyl)ether
Concen: 0.063 ng
RT: 7.327 min Scan# 588
Delta R.T. 0.058 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Tgt Ion: 93 Resp: 1348
Ion Ratio Lower Upper
93 100
63 4.1 62.8 94.2#
95 0.6 26.2 39.4#

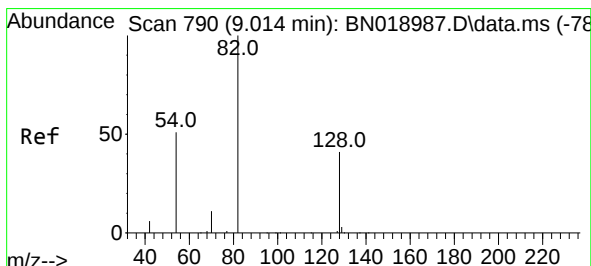
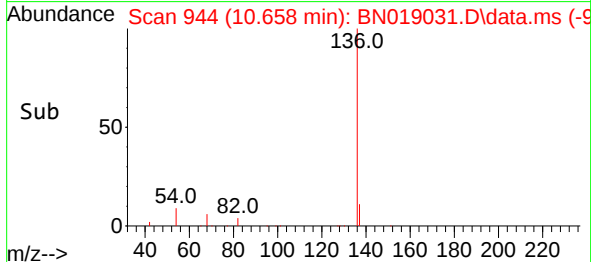
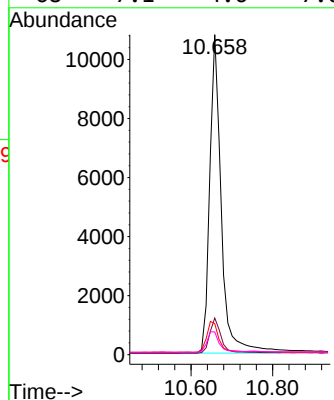
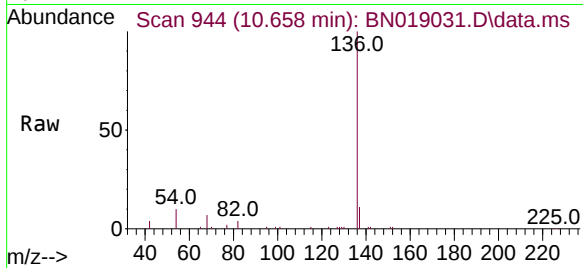




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

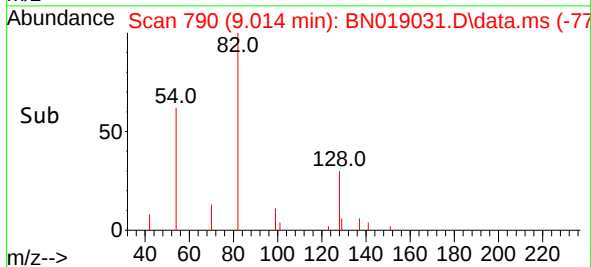
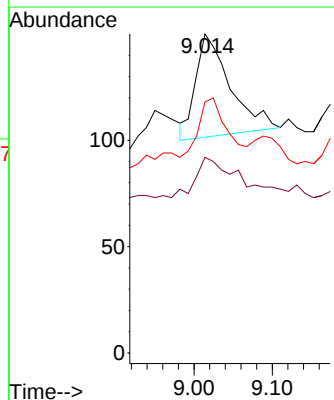
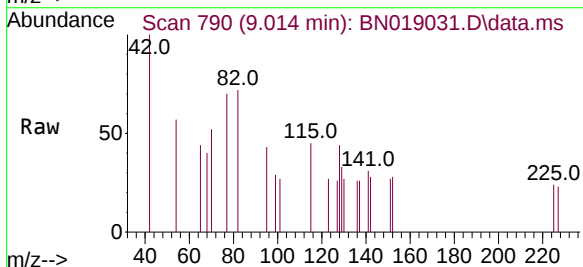
Instrument :
BNA_N
ClientSampleId :
SP3

Tgt Ion:136	Resp:	21230
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.4
54	9.7	5.8 8.6#
68	7.1	4.6 7.0#



#8
Nitrobenzene-d5
Concen: 0.010 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Tgt Ion: 82	Resp:	149
Ion Ratio	Lower	Upper
82	100	
128	61.3	33.0 49.6#
54	78.7	42.5 63.7#

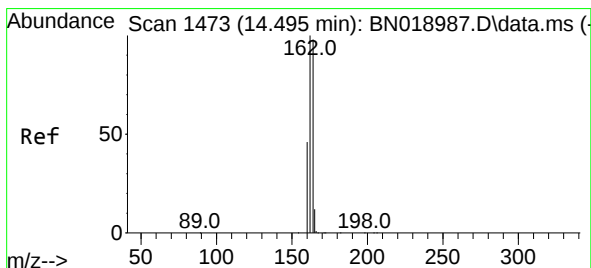
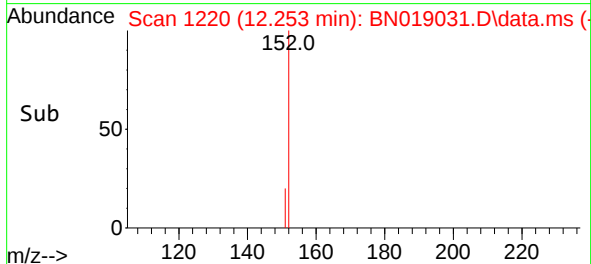
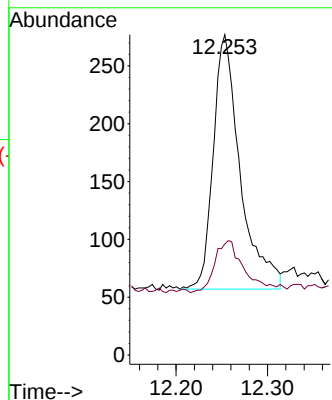
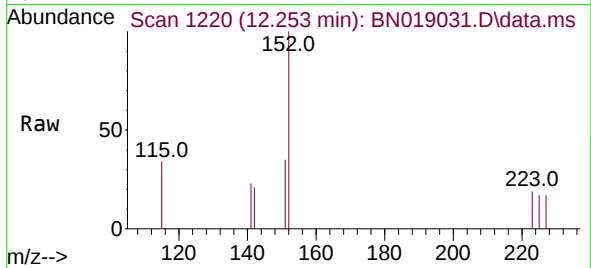




#11
2-Methylnaphthalene-d10
Concen: 0.013 ng
RT: 12.253 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

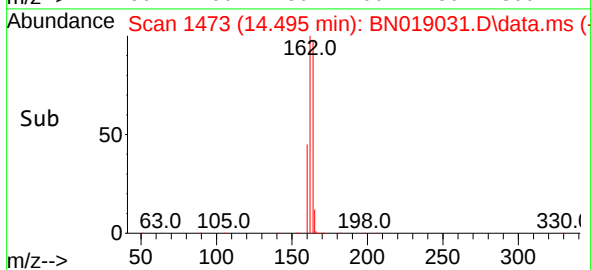
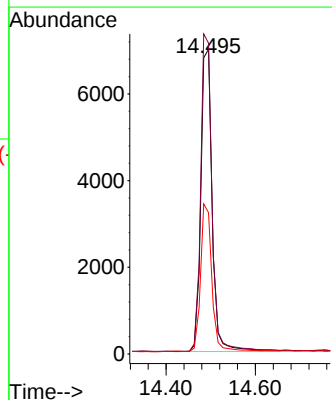
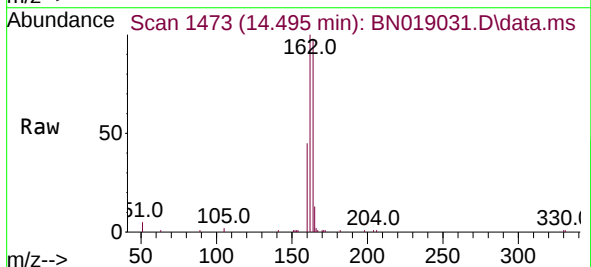
Instrument :
BNA_N
ClientSampleId :
SP3

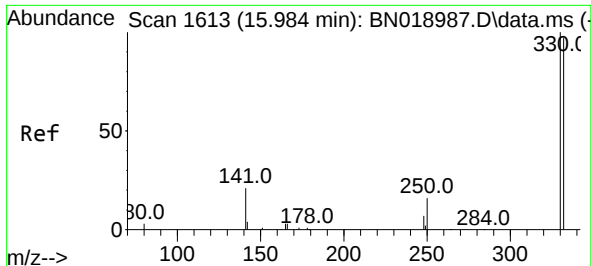
Tgt Ion:152 Resp: 451
Ion Ratio Lower Upper
152 100
151 23.1 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Tgt Ion:164 Resp: 12316
Ion Ratio Lower Upper
164 100
162 102.0 85.2 127.8
160 46.4 41.5 62.3

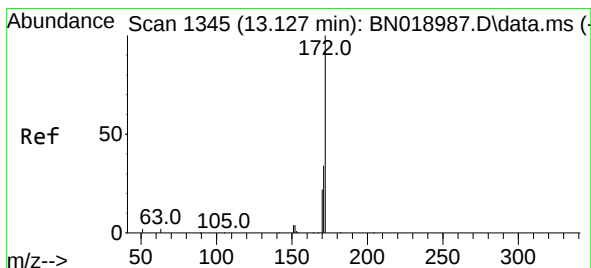
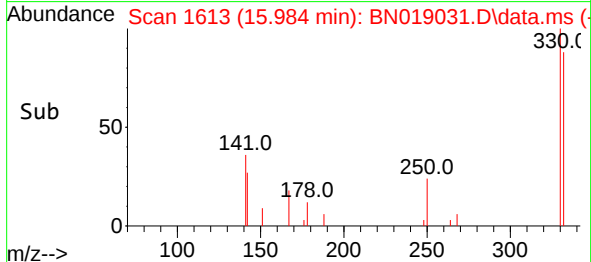
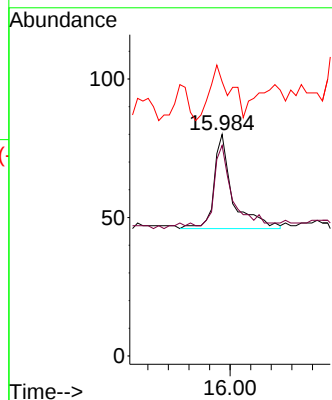
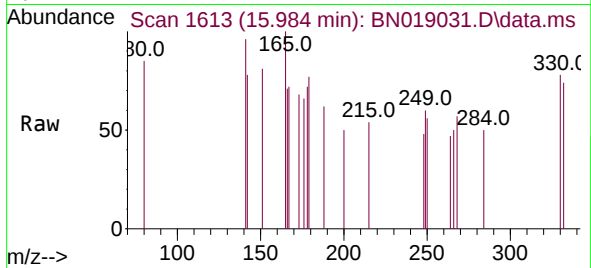




#14
2,4,6-Tribromophenol
Concen: 0.014 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

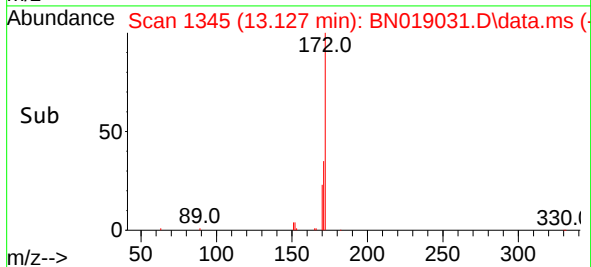
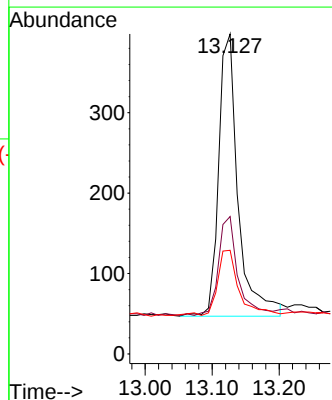
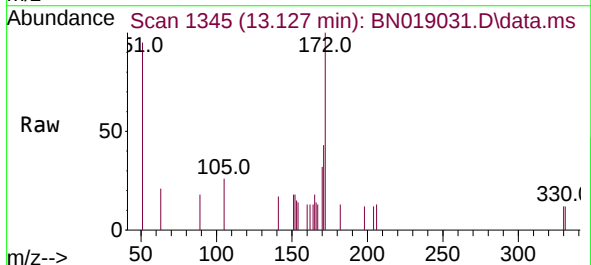
Instrument :
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ClientSampleId :
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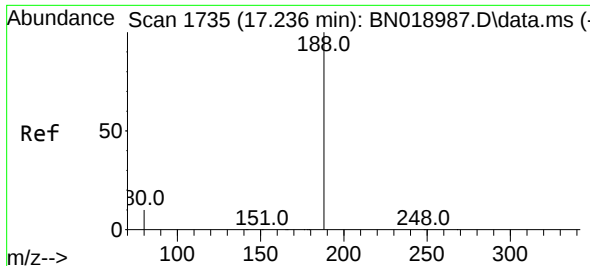
Tgt Ion:330 Resp: 85
Ion Ratio Lower Upper
330 100
332 78.8 76.8 115.2
141 64.7 32.2 48.2#



#15
2-Fluorobiphenyl
Concen: 0.014 ng
RT: 13.127 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Tgt Ion:172 Resp: 708
Ion Ratio Lower Upper
172 100
171 43.0 28.2 42.2#
170 32.4 18.7 28.1#

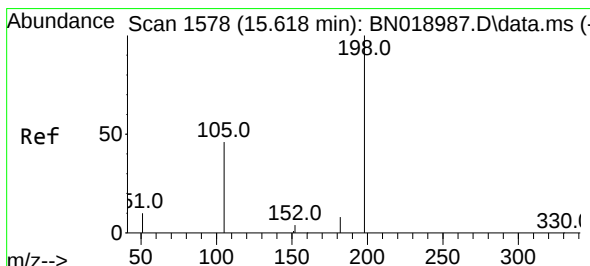
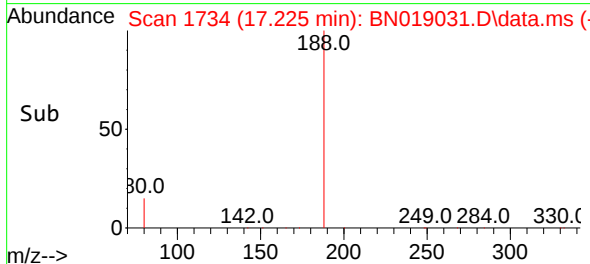
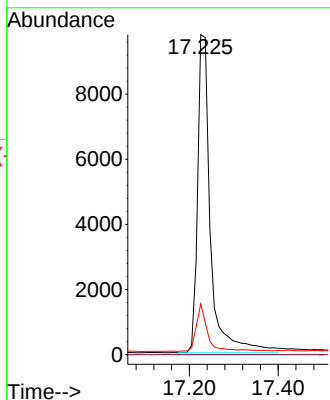
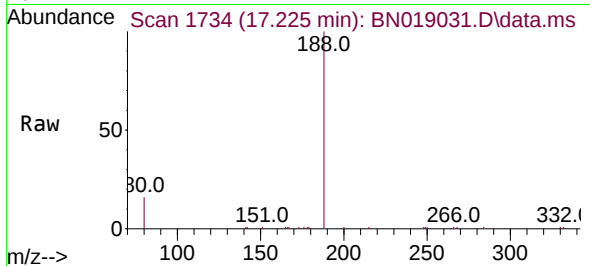




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

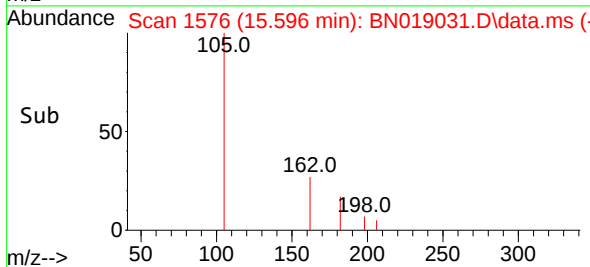
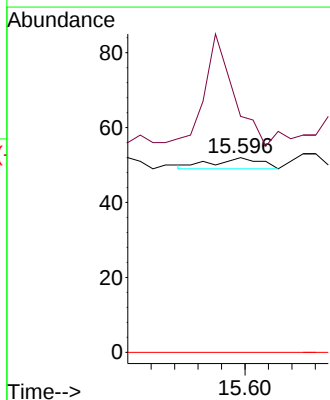
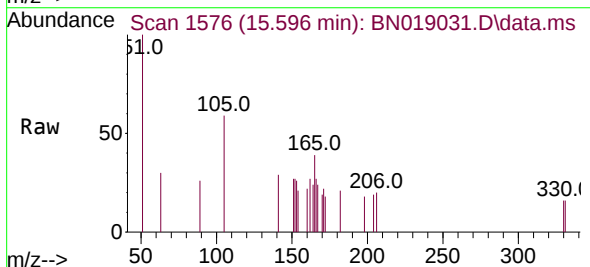
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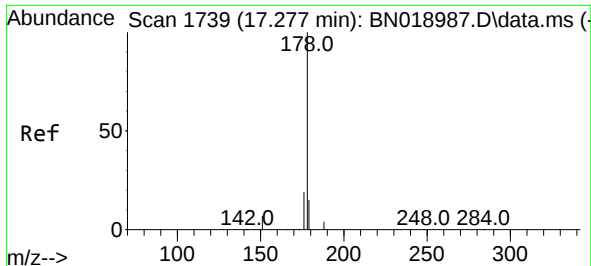
Tgt Ion:188 Resp: 19764
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.022 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 121.2 13.0 19.4#
77 0.0 0.0 0.0

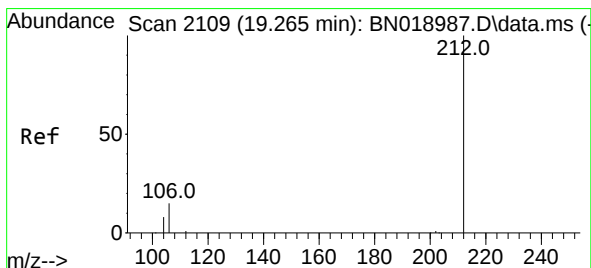
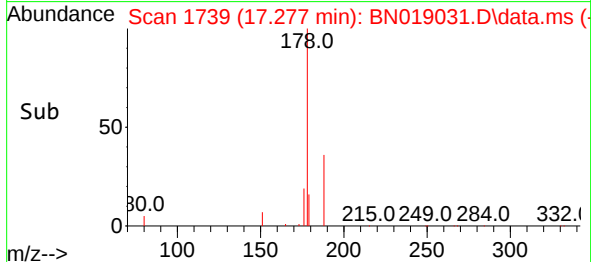
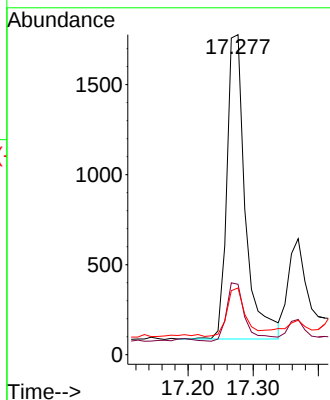
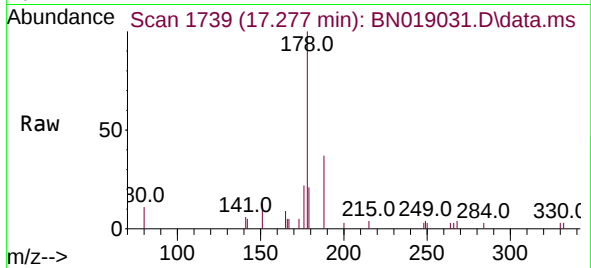




#25
Phenanthrene
Concen: 0.054 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

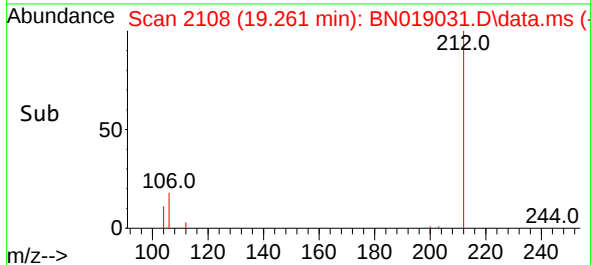
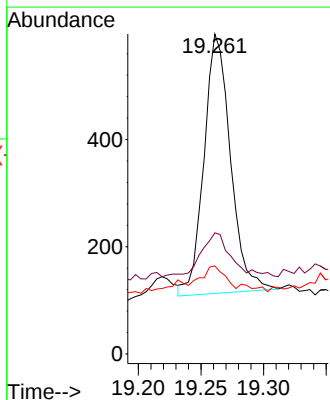
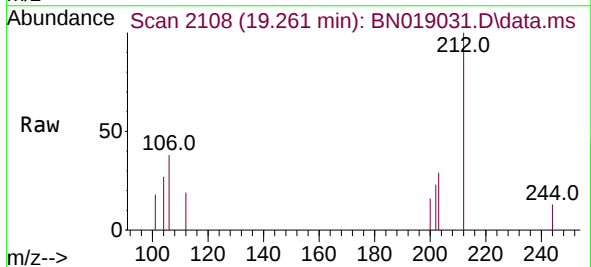
Instrument :
BNA_N
ClientSampleId :
SP3

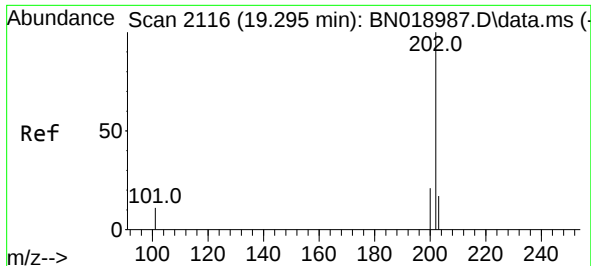
Tgt Ion:178 Resp: 3334
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.0 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.012 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Tgt Ion:212 Resp: 713
Ion Ratio Lower Upper
212 100
106 21.7 12.7 19.1#
104 7.9 7.1 10.7

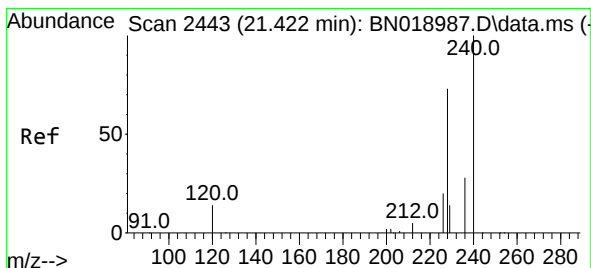
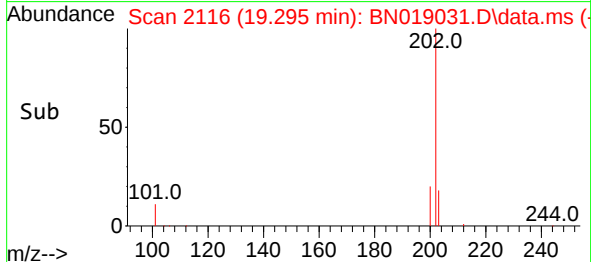
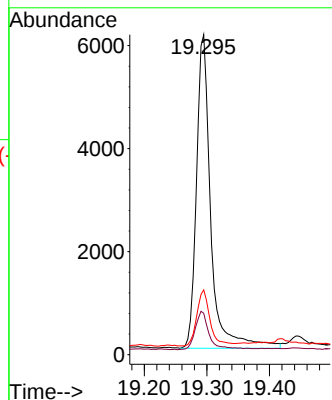
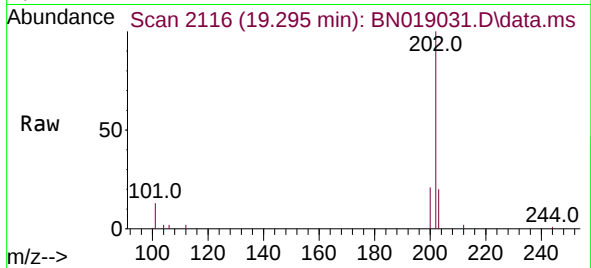




#28
Fluoranthene
Concen: 0.134 ng
RT: 19.295 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

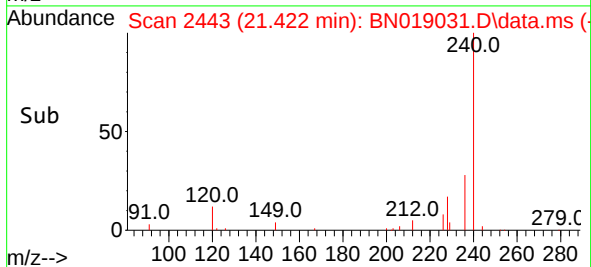
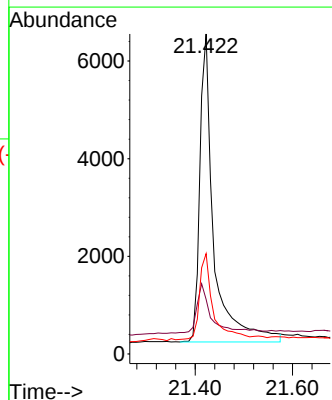
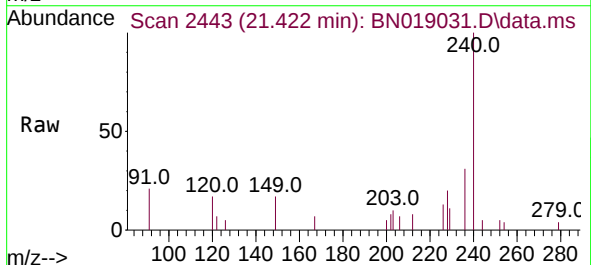
Instrument :
BNA_N
ClientSampleId :
SP3

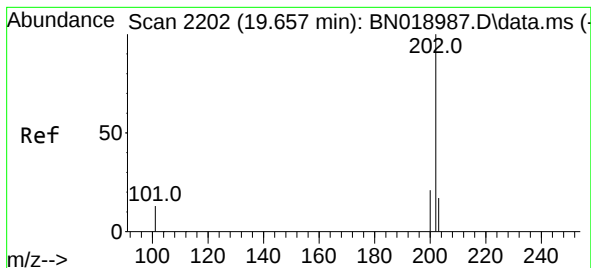
Tgt Ion:202 Resp: 9690
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.6
203 16.6 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Tgt Ion:240 Resp: 12508
Ion Ratio Lower Upper
240 100
120 17.0 8.5 12.7#
236 31.4 22.4 33.6





#30

Pyrene

Concen: 0.149 ng

RT: 19.653 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN019031.D

Acq: 21 Mar 2022 20:19

Instrument :

BNA_N

ClientSampleId :

SP3

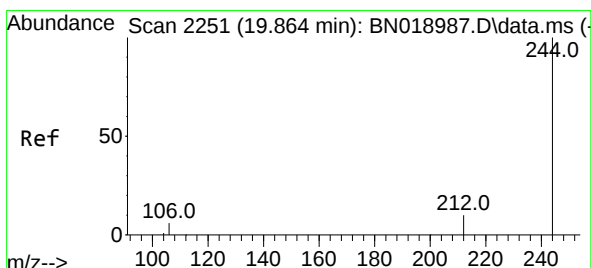
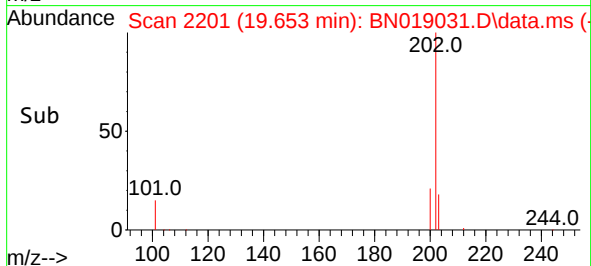
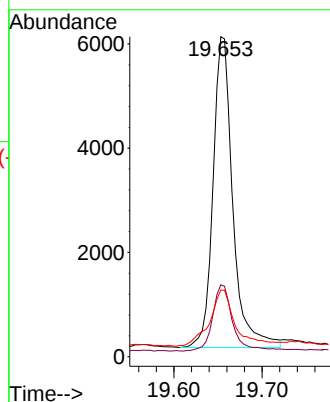
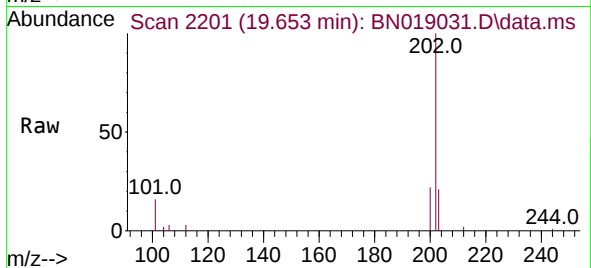
Tgt Ion:202 Resp: 9313

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

203 23.3 14.2 21.2#



#31

Terphenyl-d14

Concen: 0.019 ng

RT: 19.860 min Scan# 2250

Delta R.T. -0.004 min

Lab File: BN019031.D

Acq: 21 Mar 2022 20:19

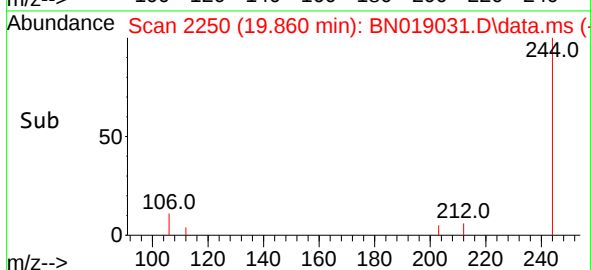
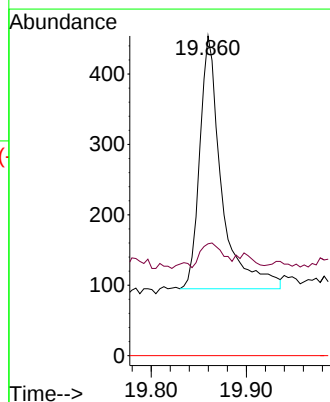
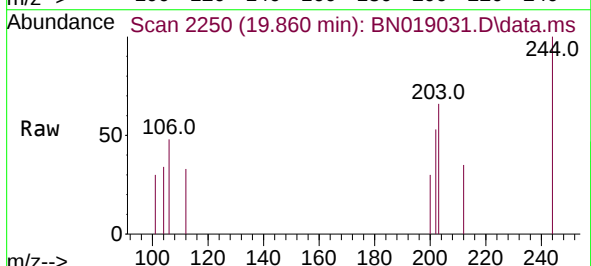
Tgt Ion:244 Resp: 574

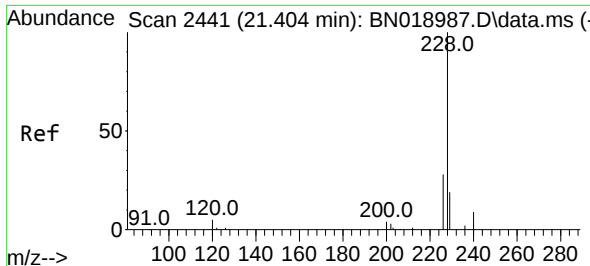
Ion Ratio Lower Upper

244 100

212 35.0 8.2 12.4#

122 0.0 0.0 0.0

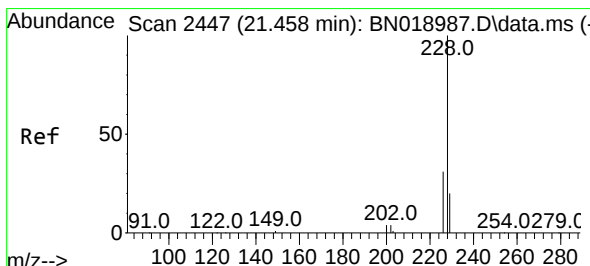
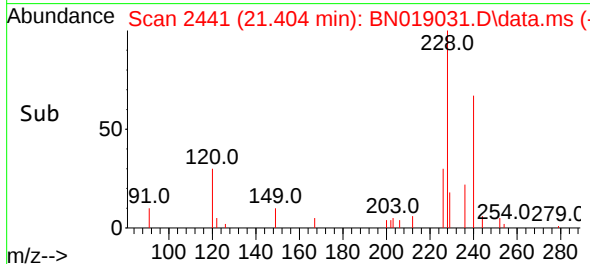
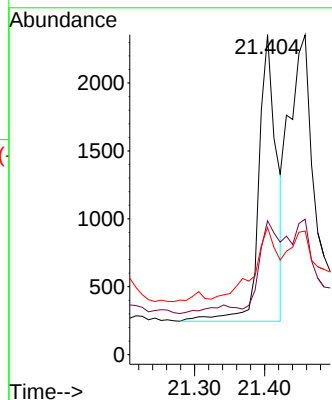
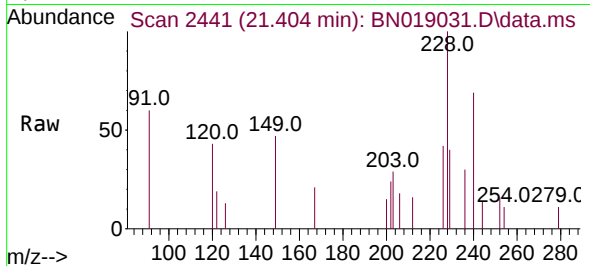




#32
Benzo(a)anthracene
Concen: 0.097 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

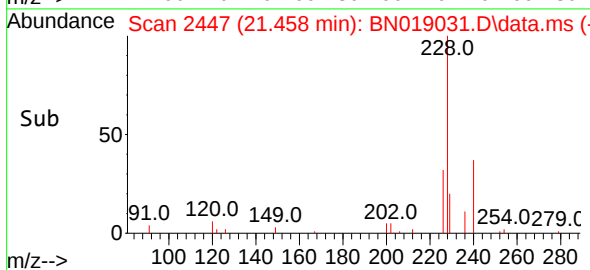
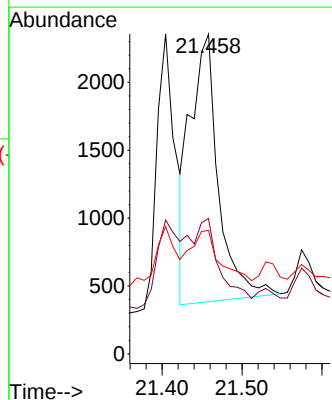
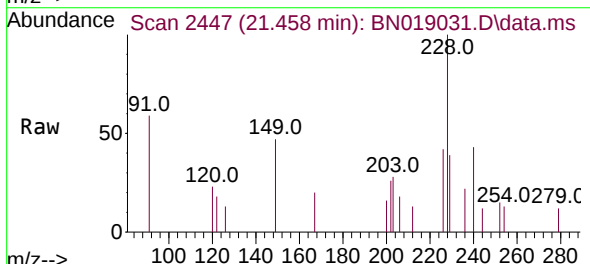
Instrument :
BNA_N
ClientSampleId :
SP3

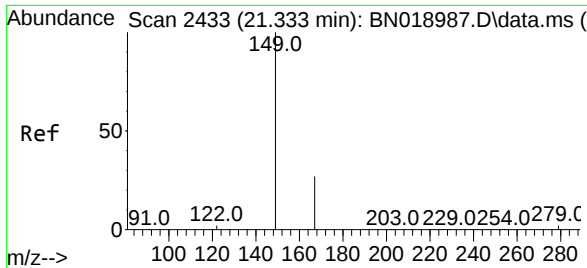
Tgt Ion:228 Resp: 3722
Ion Ratio Lower Upper
228 100
226 41.9 21.9 32.9#
229 39.8 16.0 24.0#



#33
Chrysene
Concen: 0.093 ng
RT: 21.458 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Tgt Ion:228 Resp: 4856
Ion Ratio Lower Upper
228 100
226 42.4 24.0 36.0#
229 38.6 15.9 23.9#

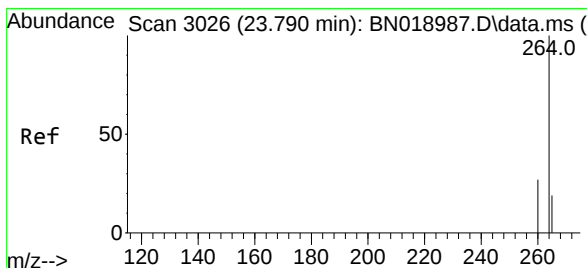
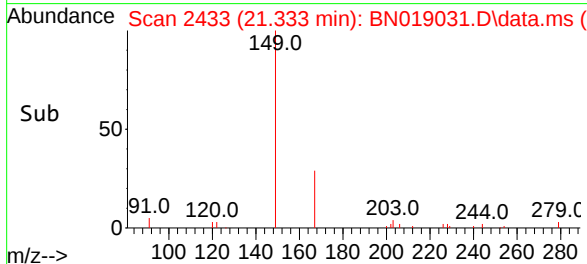
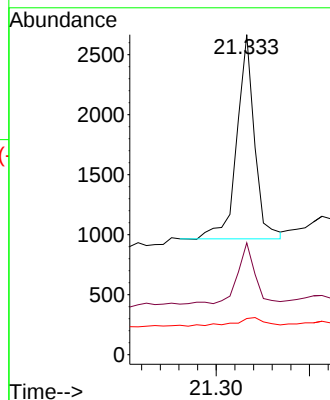
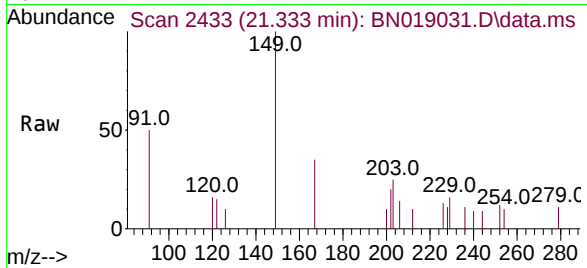




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BN019031.D
 Acq: 21 Mar 2022 20:19

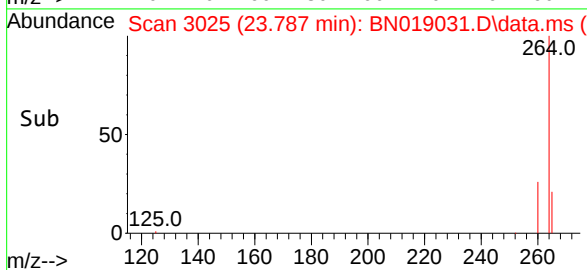
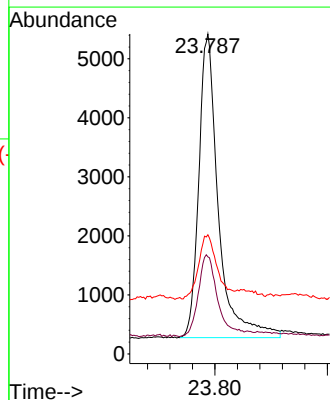
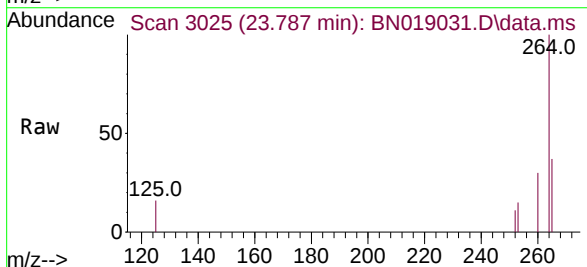
Instrument :
 BNA_N
 ClientSampleId :
 SP3

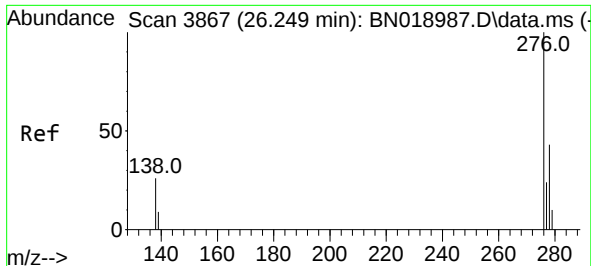
Tgt Ion:149 Resp: 2243
 Ion Ratio Lower Upper
 149 100
 167 30.0 21.8 32.8
 279 7.1 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.787 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN019031.D
 Acq: 21 Mar 2022 20:19

Tgt Ion:264 Resp: 12420
 Ion Ratio Lower Upper
 264 100
 260 30.3 22.4 33.6
 265 37.3 25.3 37.9

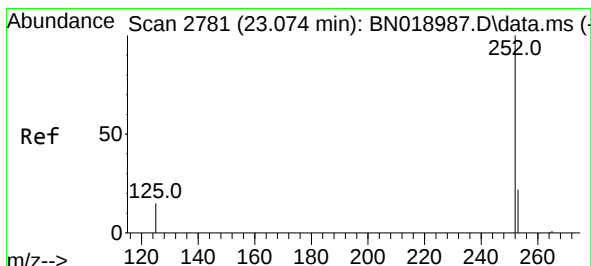
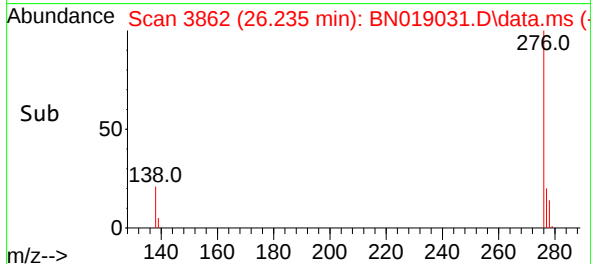
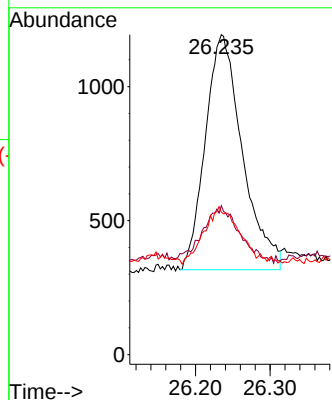
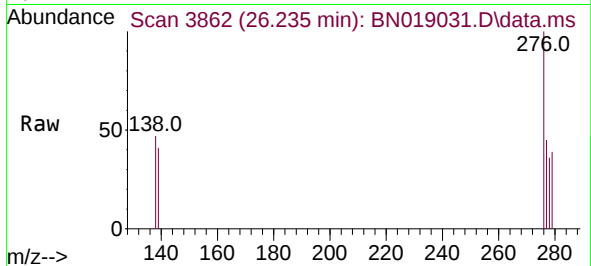




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng
RT: 26.235 min Scan# 31
Delta R.T. -0.015 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

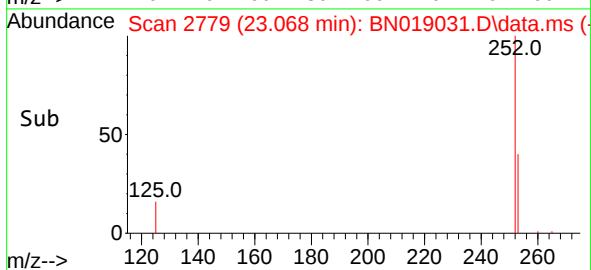
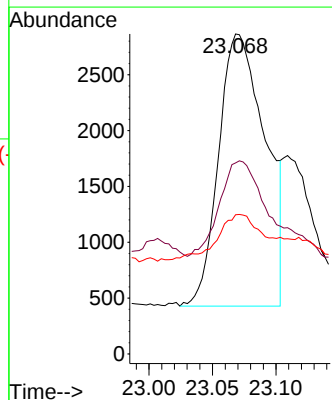
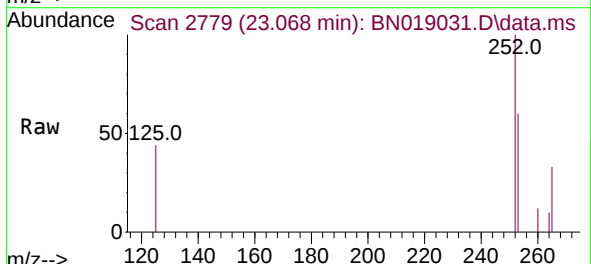
Instrument :
BNA_N
ClientSampleId :
SP3

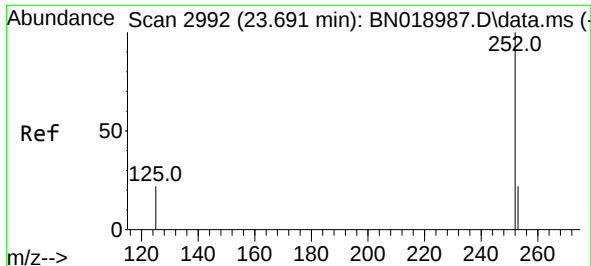
Tgt Ion:276 Resp: 3030
Ion Ratio Lower Upper
276 100
138 22.1 24.5 36.7#
277 22.7 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.138 ng
RT: 23.068 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BN019031.D
Acq: 21 Mar 2022 20:19

Tgt Ion:252 Resp: 6233
Ion Ratio Lower Upper
252 100
253 59.7 18.9 28.3#
125 43.5 12.1 18.1#





#39

Benzo(a)pyrene

Concen: 0.085 ng

RT: 23.682 min Scan# 2992

Delta R.T. -0.009 min

Lab File: BN019031.D

Acq: 21 Mar 2022 20:19

Instrument :

BNA_N

ClientSampleId :

SP3

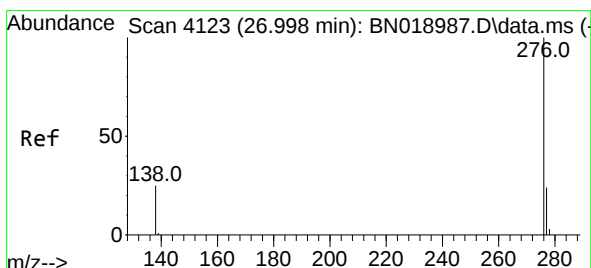
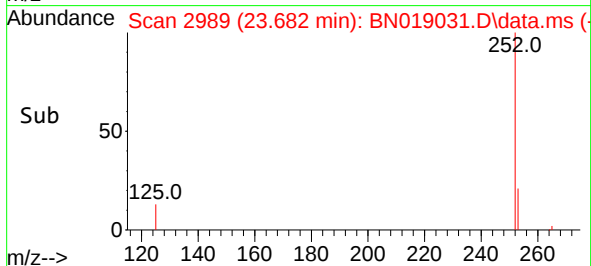
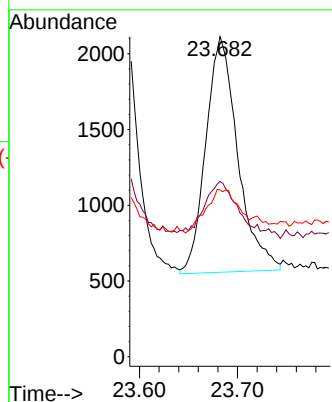
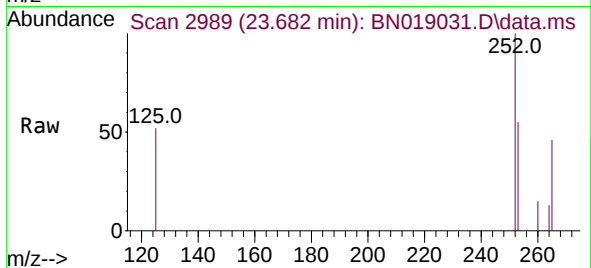
Tgt Ion:252 Resp: 3521

Ion Ratio Lower Upper

252 100

253 54.8 20.1 30.1#

125 52.1 15.2 22.8#



#41

Benzo(g,h,i)perylene

Concen: 0.124 ng

RT: 26.983 min Scan# 4118

Delta R.T. -0.015 min

Lab File: BN019031.D

Acq: 21 Mar 2022 20:19

Tgt Ion:276 Resp: 5475

Ion Ratio Lower Upper

276 100

277 39.1 19.4 29.0#

138 38.6 21.0 31.6#

