

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040722\
 Data File : BN019376.D
 Acq On : 07 Apr 2022 14:08
 Operator : CG/JU
 Sample : N2237-10 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-0401

Quant Time: Apr 08 06:17:03 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)

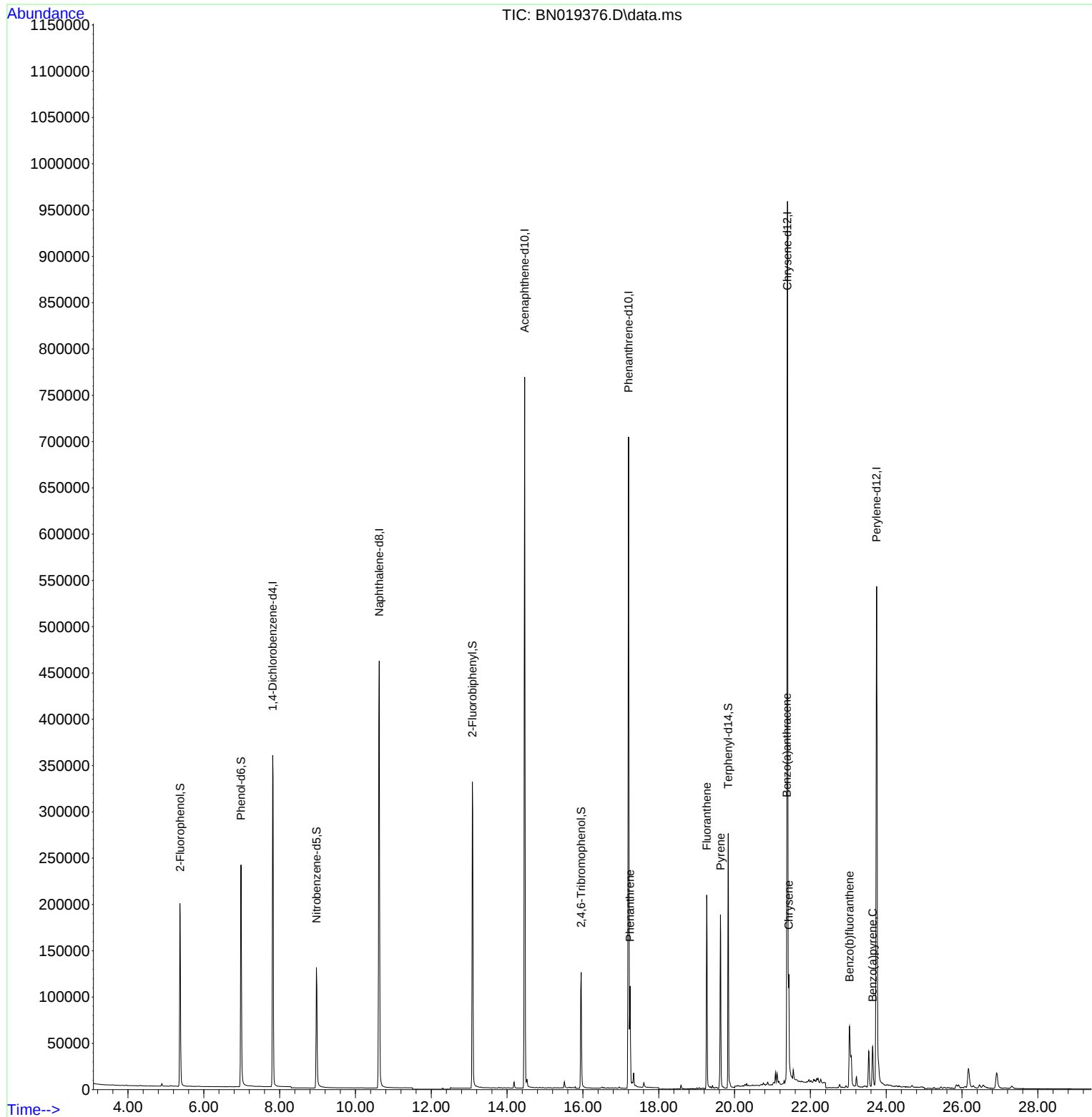
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	179277	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	618317	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	418776	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	921689	0.400	ng	# 0.00
29) Chrysene-d12	21.395	240	857655	0.400	ng	0.00
35) Perylene-d12	23.746	264	781988	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	157959	0.329	ng	0.00
5) Phenol-d6	6.980	99	223079	0.386	ng	0.00
8) Nitrobenzene-d5	8.971	82	117500	0.209	ng	-0.01
11) 2-Methylnaphthalene-d10	12.223	152	54m	0.000	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	72973	0.287	ng	0.00
15) 2-Fluorobiphenyl	13.084	172	313481	0.180	ng	-0.01
27) Fluoranthene-d10	19.269	212	8	0.000	ng	0.03
31) Terphenyl-d14	19.834	244	300547	0.161	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.246	178	104182	0.034	ng	99
28) Fluoranthene	19.265	202	197617	0.054	ng	100
30) Pyrene	19.628	202	169633	0.043	ng	# 96
32) Benzo(a)anthracene	21.377	228	89896m	0.028	ng	
33) Chrysene	21.431	228	99215m	0.028	ng	
37) Benzo(b)fluoranthene	23.033	252	117893	0.038	ng	97
39) Benzo(a)pyrene	23.641	252	67602m	0.025	ng	

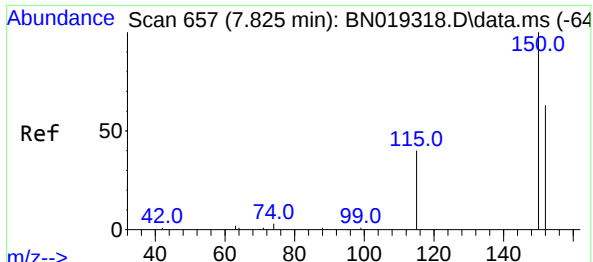
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DUP-0401

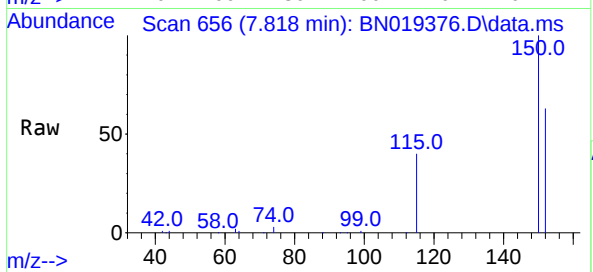
Quant Time: Apr 08 06:17:03 2022
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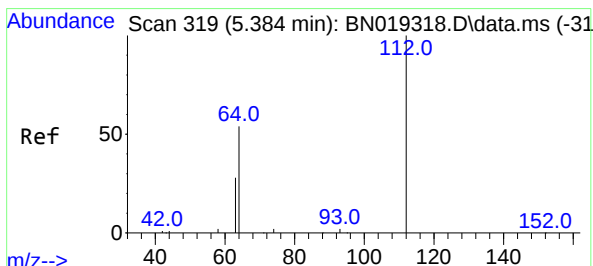
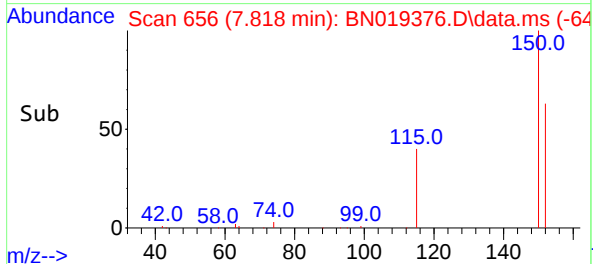
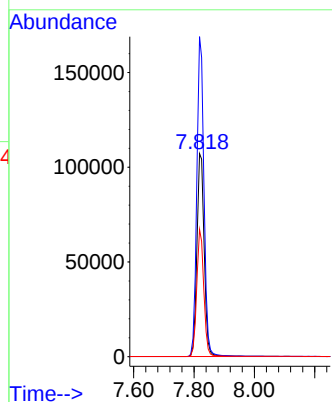


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

Instrument :
BNA_N
ClientSampleId :
DUP-0401

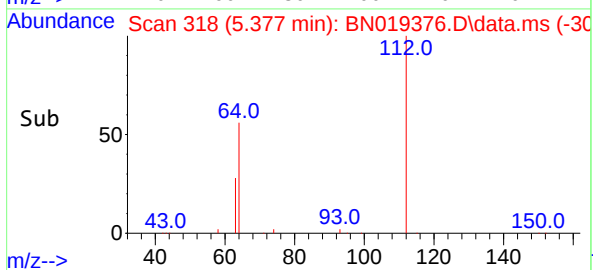
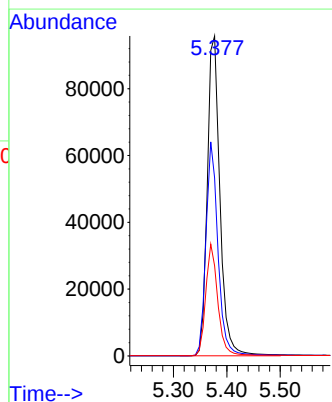
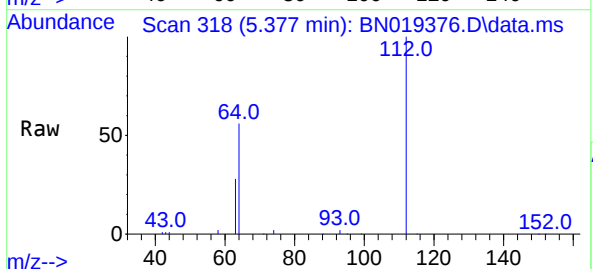


Tgt Ion:152 Resp: 179277
Ion Ratio Lower Upper
152 100
150 157.6 123.9 185.9
115 62.6 48.2 72.4



#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

Tgt Ion:112 Resp: 157959
Ion Ratio Lower Upper
112 100
64 63.8 47.8 71.8
63 33.3 25.7 38.5

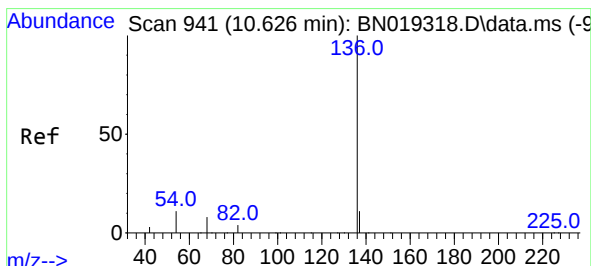
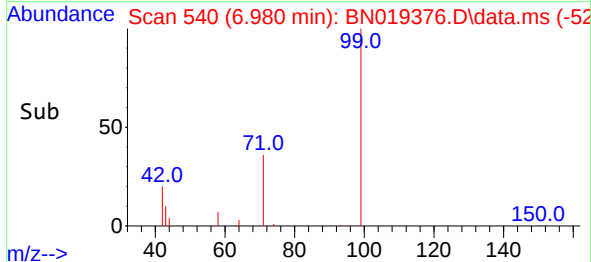
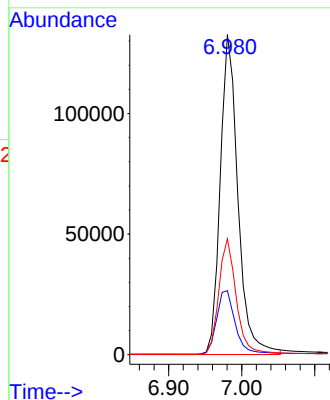
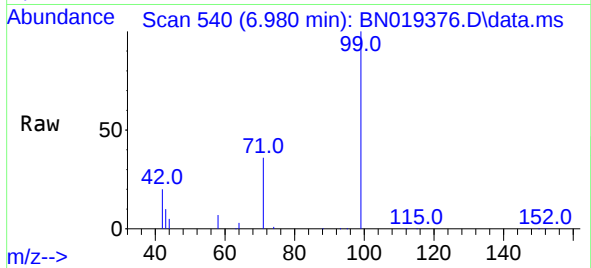




#5
Phenol-d6
Concen: 0.386 ng
RT: 6.980 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

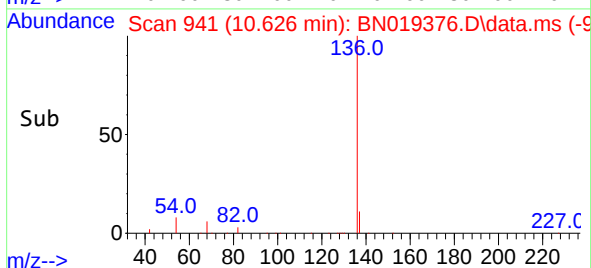
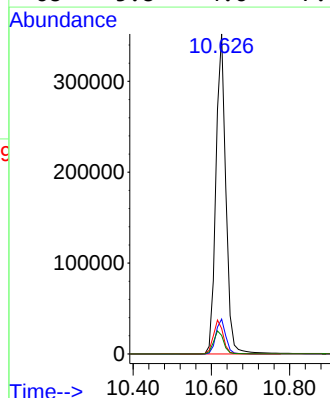
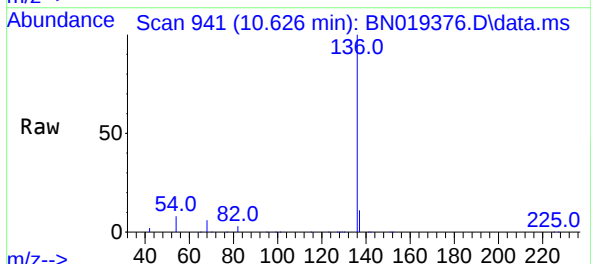
Instrument :
BNA_N
ClientSampleId :
DUP-0401

Tgt Ion: 99 Resp: 223079
Ion Ratio Lower Upper
99 100
42 20.8 16.2 24.4
71 35.8 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: BN019376.D
Acq: 07 Apr 2022 14:08

Tgt Ion: 136 Resp: 618317
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.9 5.8 8.6
68 5.8 4.6 7.0

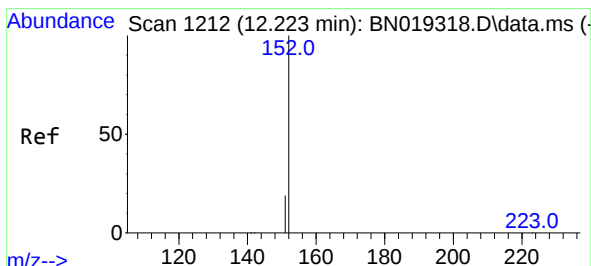
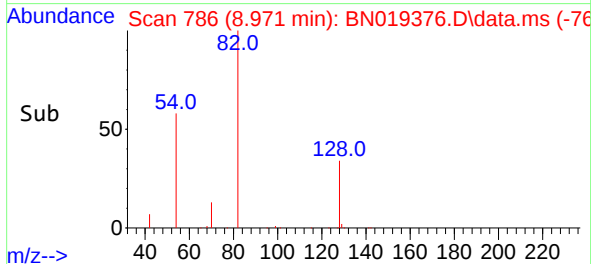
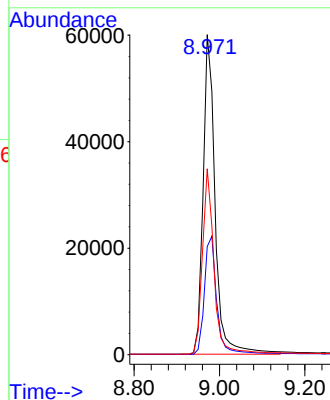
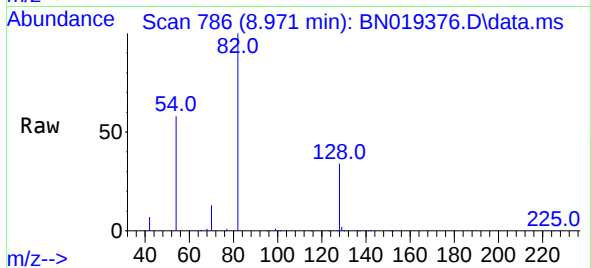




#8
Nitrobenzene-d5
Concen: 0.209 ng
RT: 8.971 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

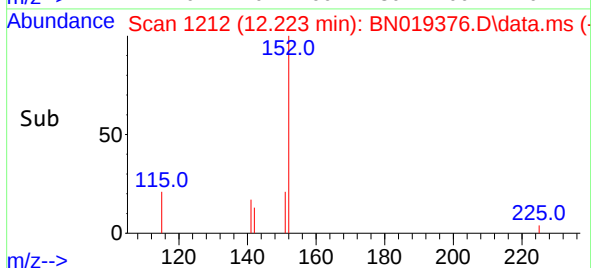
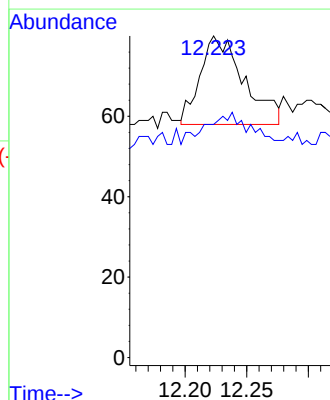
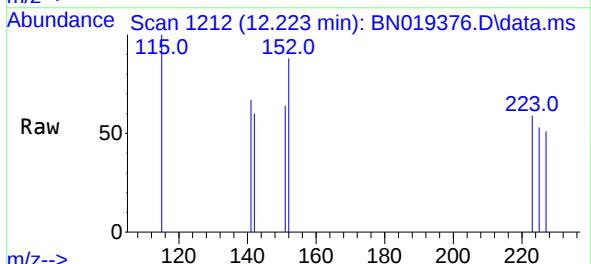
Instrument :
BNA_N
ClientSampleId :
DUP-0401

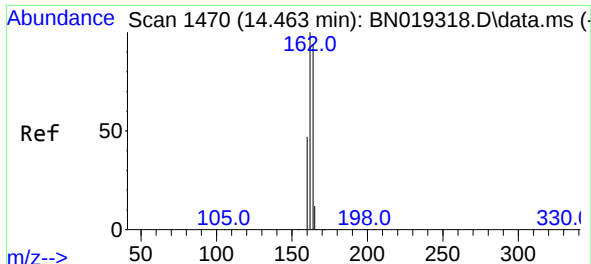
Tgt Ion: 82 Resp: 117500
Ion Ratio Lower Upper
82 100
128 33.8 33.0 49.6
54 58.1 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.000 ng m
RT: 12.223 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

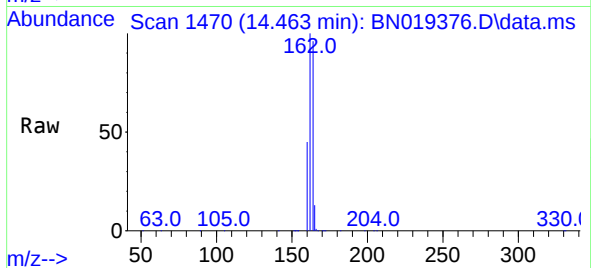
Tgt Ion:152 Resp: 54
Ion Ratio Lower Upper
152 100
151 1.9 16.5 24.7#



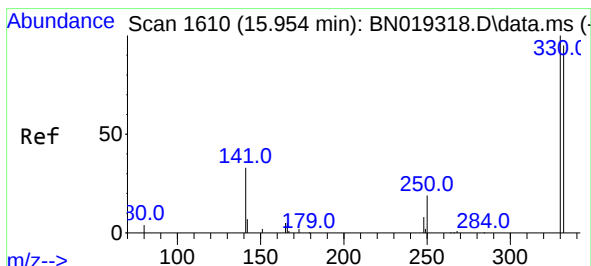
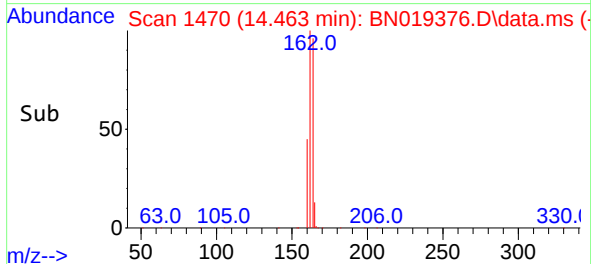
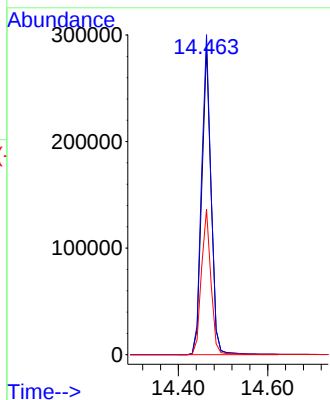


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

Instrument :
BNA_N
ClientSampleId :
DUP-0401

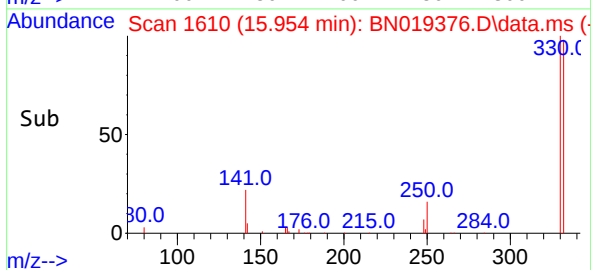
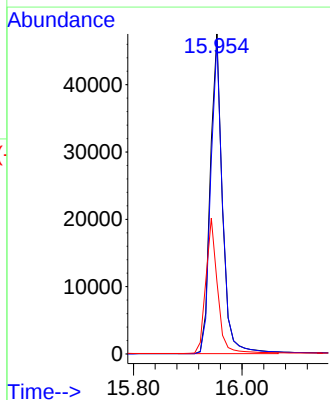
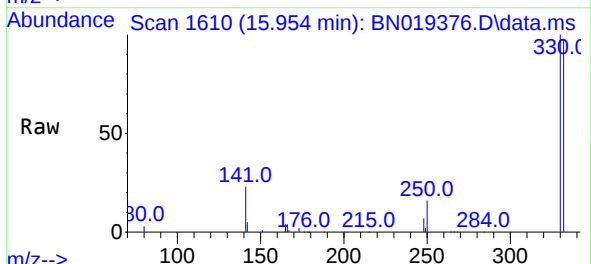


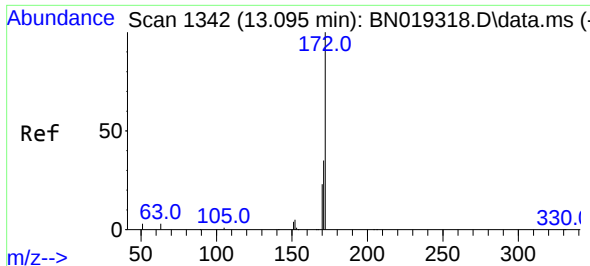
Tgt Ion:164 Resp: 418776
Ion Ratio Lower Upper
164 100
162 104.2 85.2 127.8
160 47.4 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

Tgt Ion:330 Resp: 72973
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 41.1 32.2 48.2

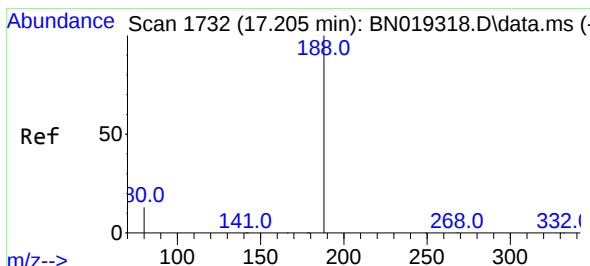
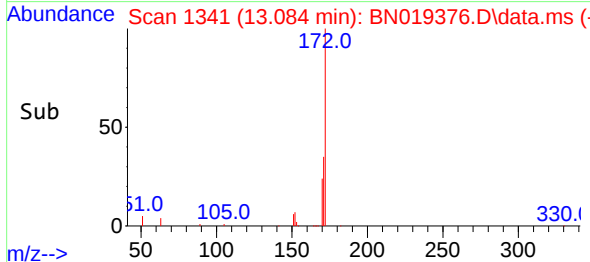
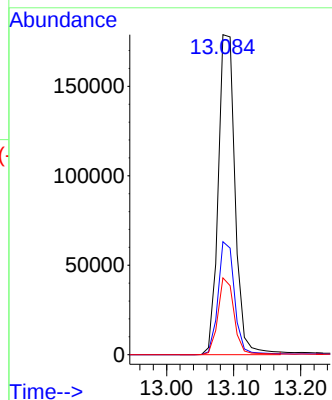
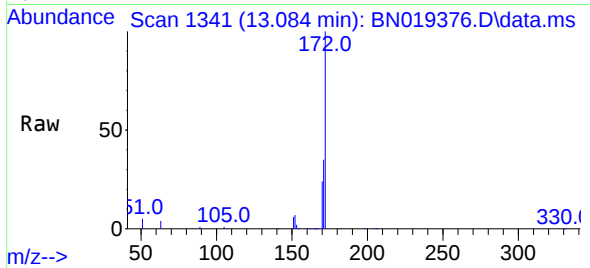




#15
2-Fluorobiphenyl
Concen: 0.180 ng
RT: 13.084 min Scan# 1341
Delta R.T. -0.011 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

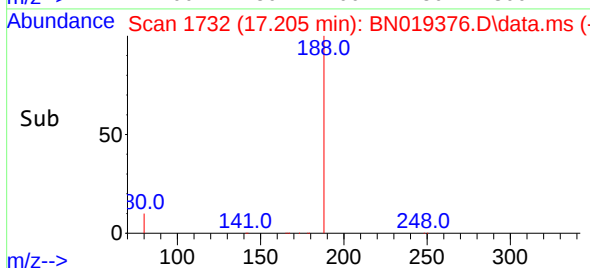
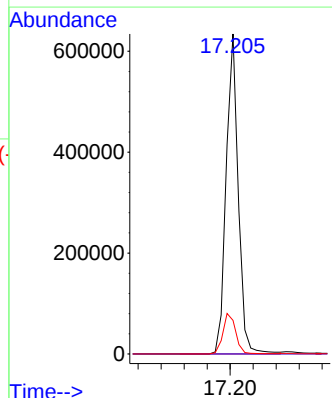
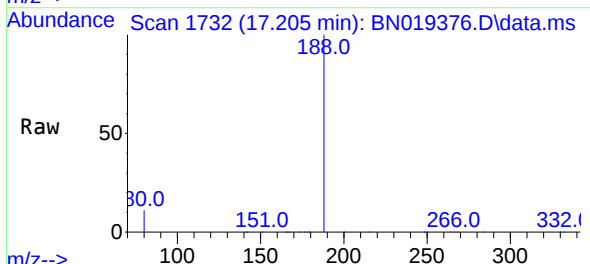
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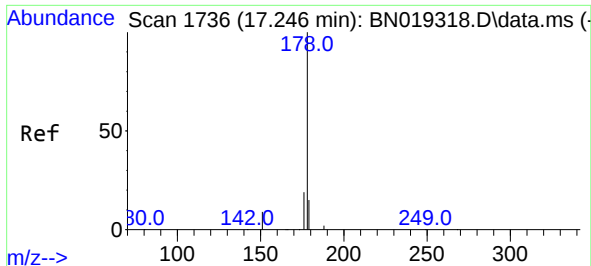
Tgt Ion:172 Resp: 313481
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.0 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

Tgt Ion:188 Resp: 921689
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 11.8 17.8#

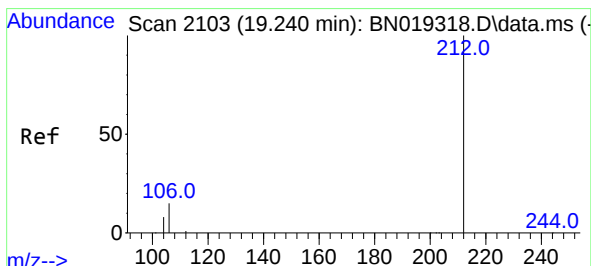
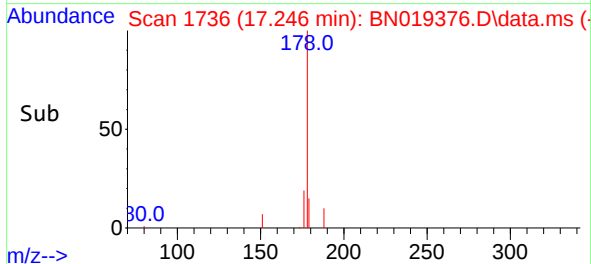
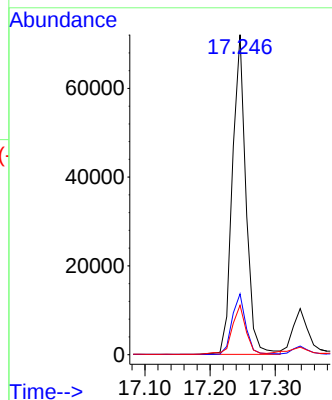
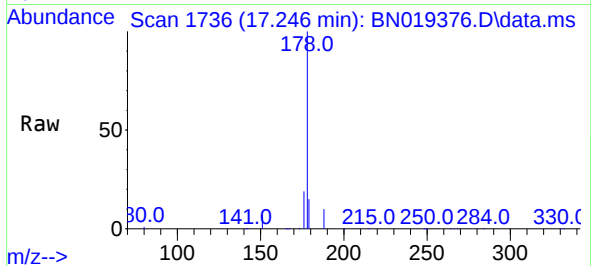




#25
Phenanthrene
Concen: 0.034 ng
RT: 17.246 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

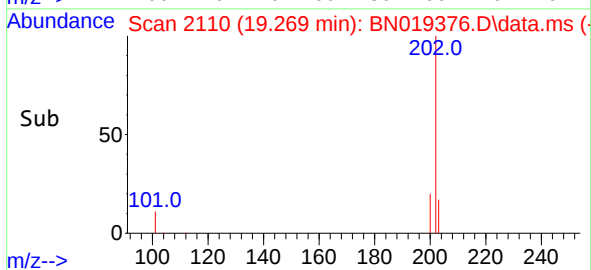
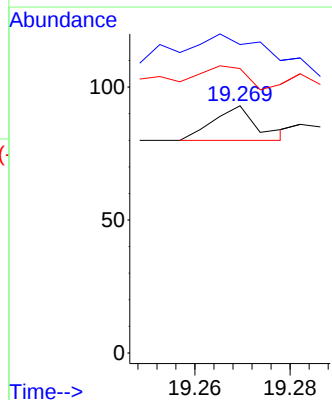
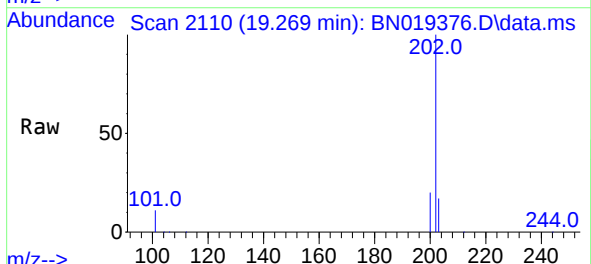
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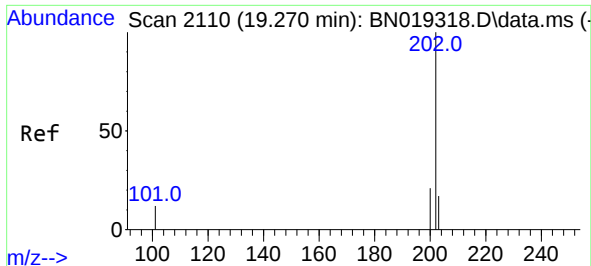
Tgt Ion:178 Resp: 104182
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.269 min Scan# 2110
Delta R.T. 0.029 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

Tgt Ion:212 Resp: 8
Ion Ratio Lower Upper
212 100
106 275.0 12.7 19.1#
104 125.0 7.1 10.7#

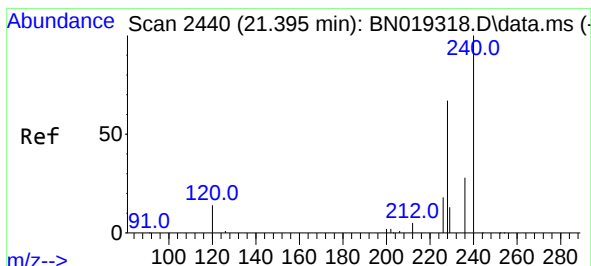
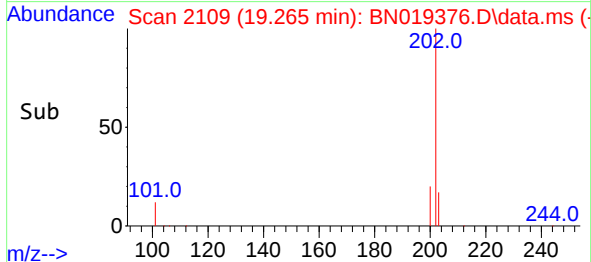
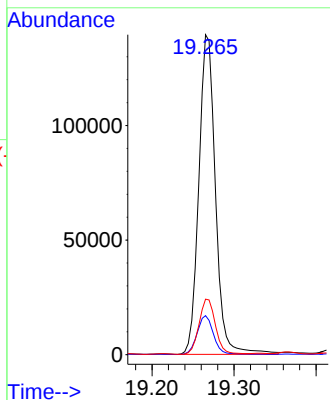
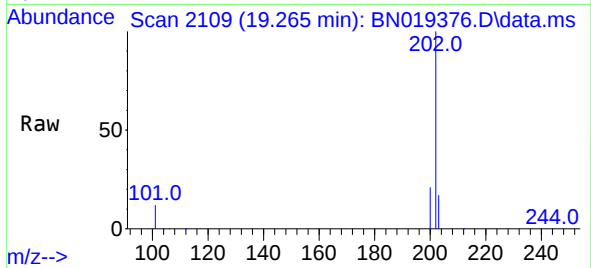




#28
Fluoranthene
Concen: 0.054 ng
RT: 19.265 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

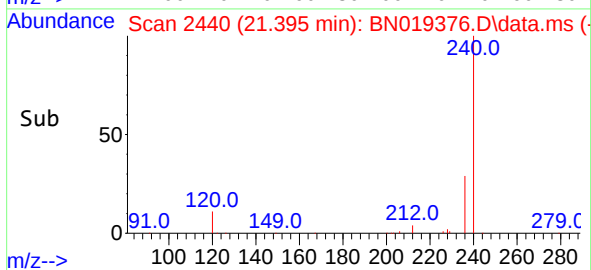
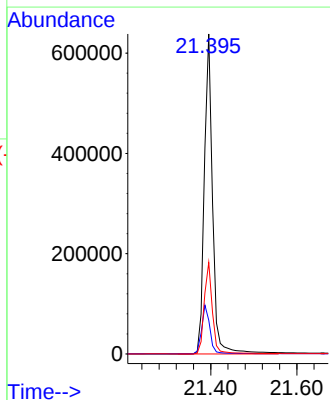
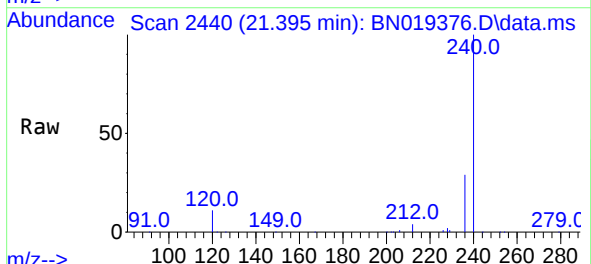
Instrument :
BNA_N
ClientSampleId :
DUP-0401

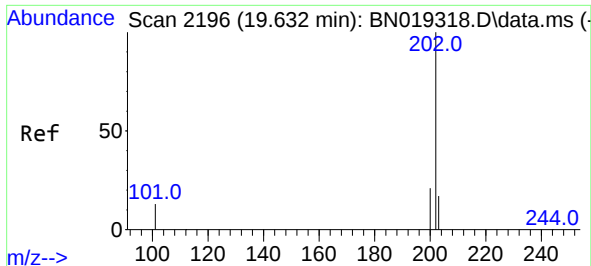
Tgt Ion:202 Resp: 197617
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
203 17.1 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

Tgt Ion:240 Resp: 857655
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 28.6 22.4 33.6

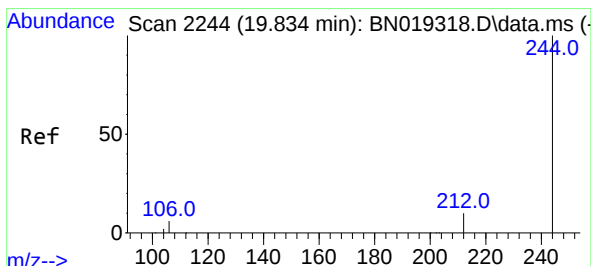
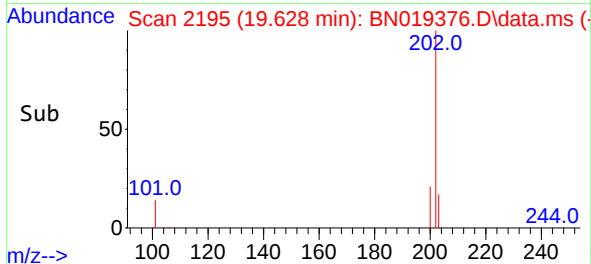
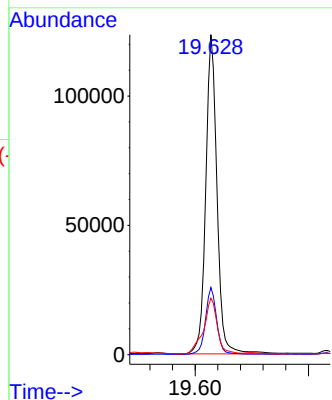
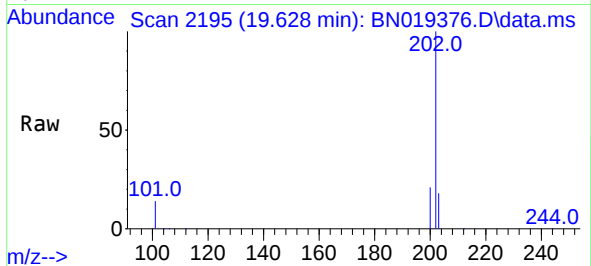




#30
Pyrene
Concen: 0.043 ng
RT: 19.628 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

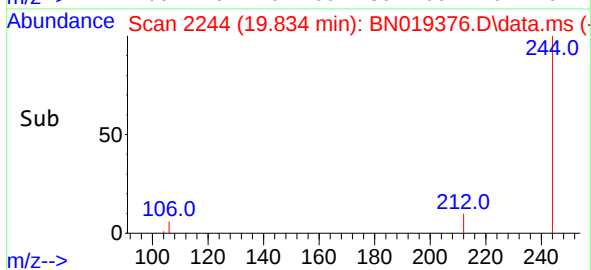
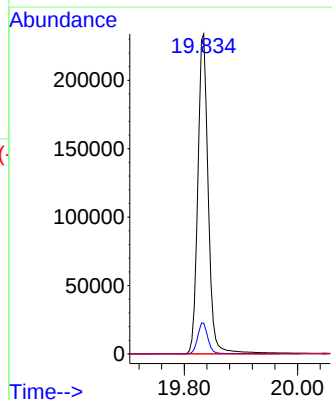
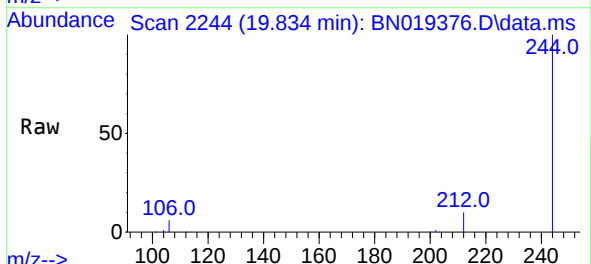
Instrument :
BNA_N
ClientSampleId :
DUP-0401

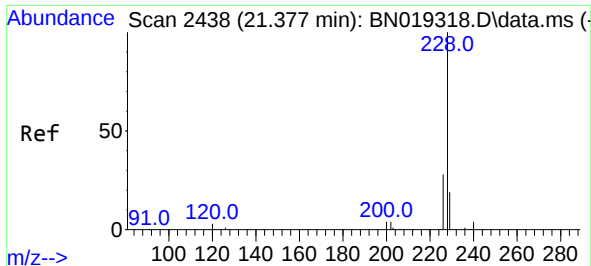
Tgt Ion:202 Resp: 169633
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 21.3 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.161 ng
RT: 19.834 min Scan# 2244
Delta R.T. -0.000 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

Tgt Ion:244 Resp: 300547
Ion Ratio Lower Upper
244 100
212 9.7 8.2 12.4
122 0.0 0.0 0.0

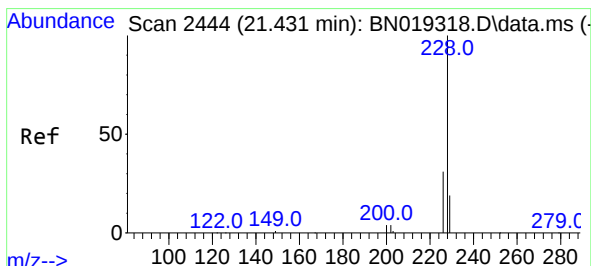
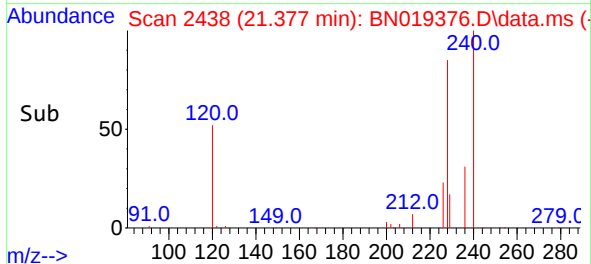
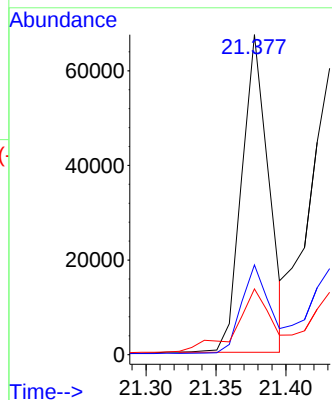
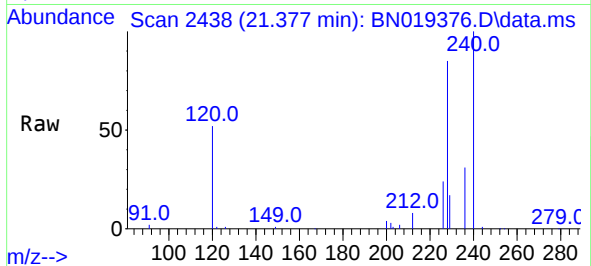




#32
Benzo(a)anthracene
Concen: 0.028 ng m
RT: 21.377 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

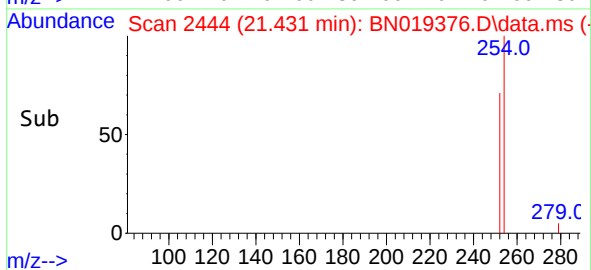
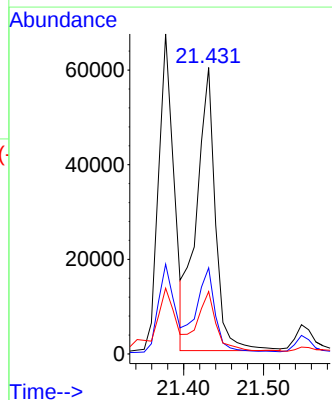
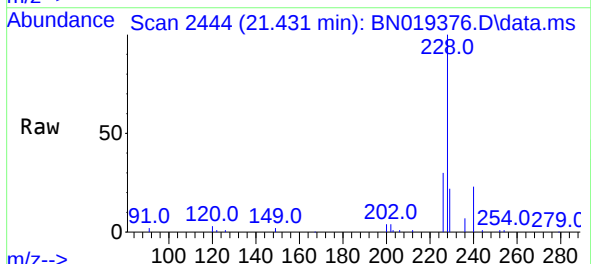
Instrument :
BNA_N
ClientSampleId :
DUP-0401

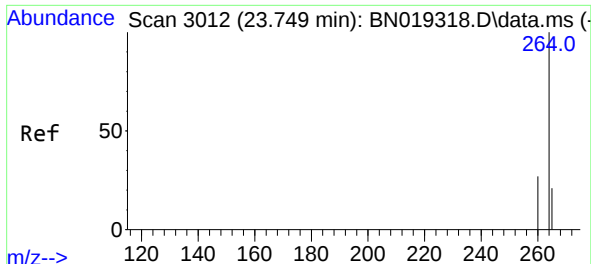
Tgt Ion:228 Resp: 89896
Ion Ratio Lower Upper
228 100
226 28.1 21.9 32.9
229 20.6 16.0 24.0



#33
Chrysene
Concen: 0.028 ng m
RT: 21.431 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

Tgt Ion:228 Resp: 99215
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 21.8 15.9 23.9

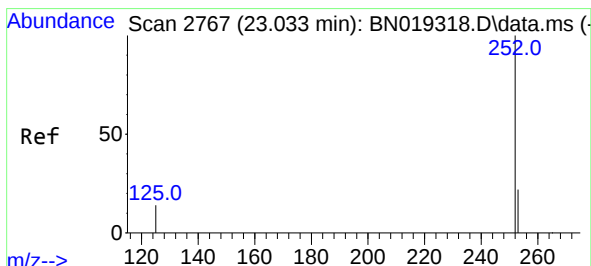
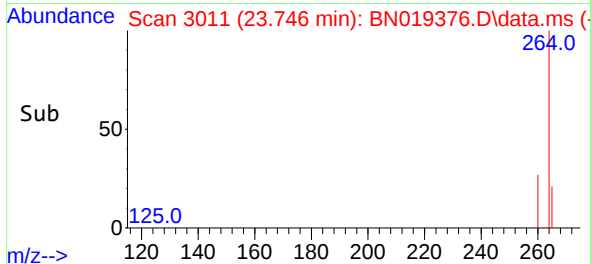
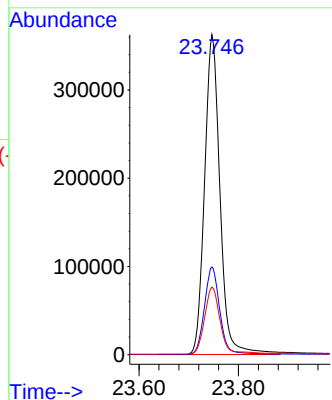
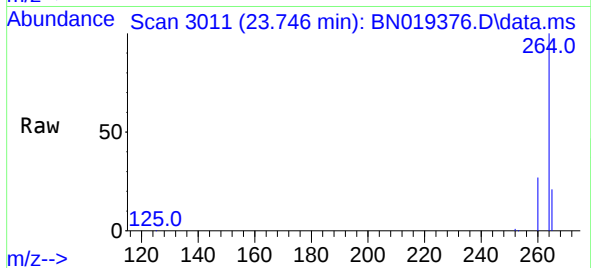




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.746 min Scan# 3012
Delta R.T. -0.003 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

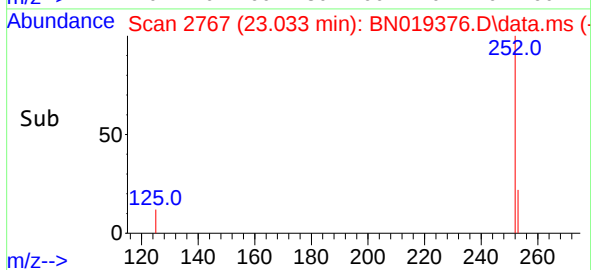
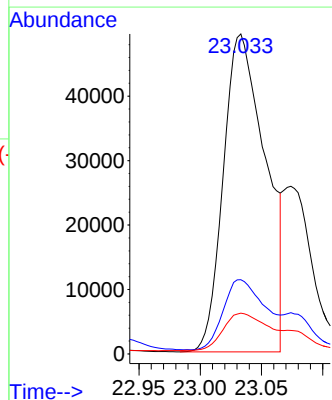
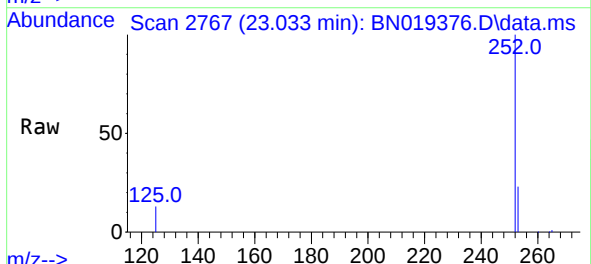
Instrument :
BNA_N
ClientSampleId :
DUP-0401

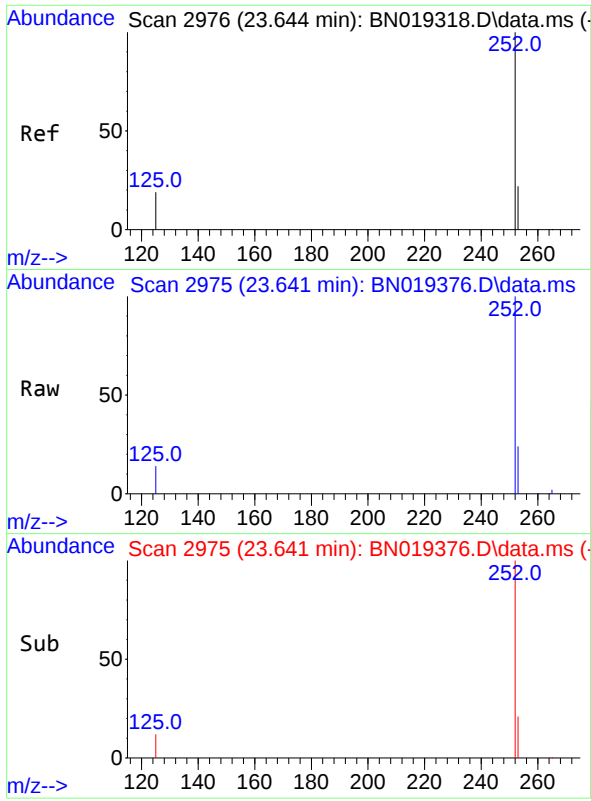
Tgt Ion:264 Resp: 781988
Ion Ratio Lower Upper
264 100
260 27.4 22.4 33.6
265 21.1 25.3 37.9#



#37
Benzo(b)fluoranthene
Concen: 0.038 ng
RT: 23.033 min Scan# 2767
Delta R.T. -0.000 min
Lab File: BN019376.D
Acq: 07 Apr 2022 14:08

Tgt Ion:252 Resp: 117893
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 12.7 12.1 18.1





#39

Benzo(a)pyrene

Concen: 0.025 ng m

RT: 23.641 min Scan# 29

Delta R.T. -0.003 min

Lab File: BN019376.D

Acq: 07 Apr 2022 14:08

Instrument :

BNA_N

ClientSampleId :

DUP-0401

Tgt Ion:252 Resp: 67602

Ion Ratio Lower Upper

252 100

253 23.8 20.1 30.1

125 14.0 15.2 22.8#

