

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040722\
 Data File : BN019377.D
 Acq On : 07 Apr 2022 14:44
 Operator : CG/JU
 Sample : N2237-07 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A01040

Quant Time: Apr 08 06:17:08 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)

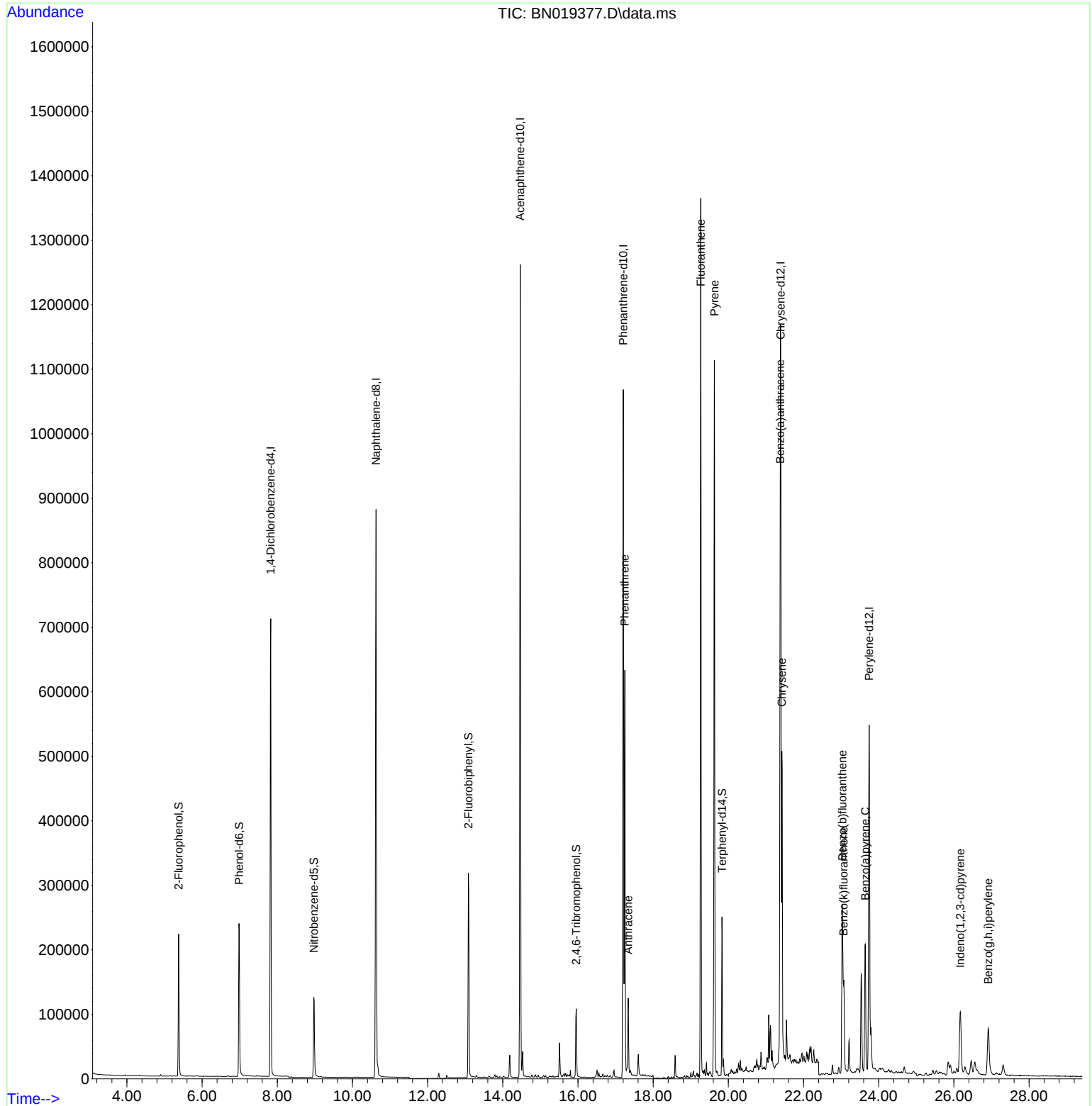
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	346993	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	1117444	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	681965	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	1383918	0.400	ng	# 0.00
29) Chrysene-d12	21.396	240	949860	0.400	ng	0.00
35) Perylene-d12	23.744	264	761714	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	166163	0.179	ng	0.00
5) Phenol-d6	6.988	99	227506	0.203	ng	0.00
8) Nitrobenzene-d5	8.971	82	117152m	0.115	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	97	0.000	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	62188	0.150	ng	0.00
15) 2-Fluorobiphenyl	13.084	172	300539	0.106	ng	-0.01
27) Fluoranthene-d10	19.265	212	78	0.000	ng	0.03
31) Terphenyl-d14	19.830	244	254220	0.123	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.246	178	620459	0.134	ng	99
26) Anthracene	17.338	178	137712	0.034	ng	99
28) Fluoranthene	19.265	202	1213034	0.220	ng	99
30) Pyrene	19.628	202	1010760	0.229	ng	# 94
32) Benzo(a)anthracene	21.378	228	525482	0.150	ng	99
33) Chrysene	21.422	228	462386	0.119	ng	97
36) Indeno(1,2,3-cd)pyrene	26.170	276	170441	0.053	ng	# 90
37) Benzo(b)fluoranthene	23.030	252	471714	0.158	ng	# 97
38) Benzo(k)fluoranthene	23.068	252	159286m	0.051	ng	
39) Benzo(a)pyrene	23.641	252	304548m	0.114	ng	
41) Benzo(g,h,i)perylene	26.913	276	171102	0.058	ng	97

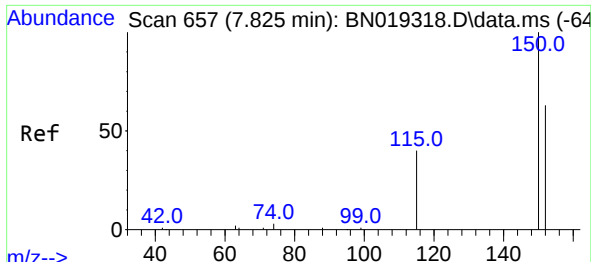
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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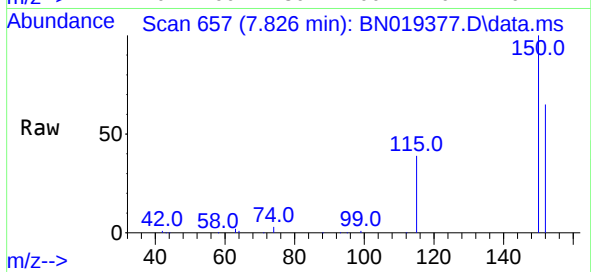
Quant Time: Apr 08 06:17:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
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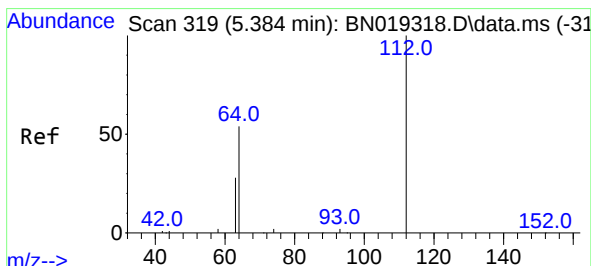
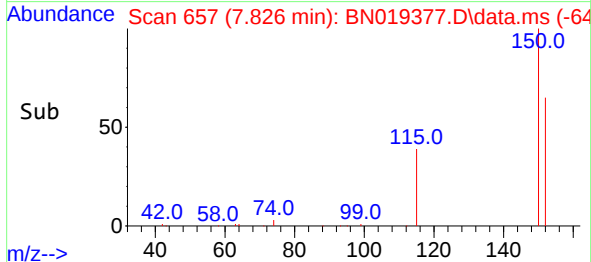
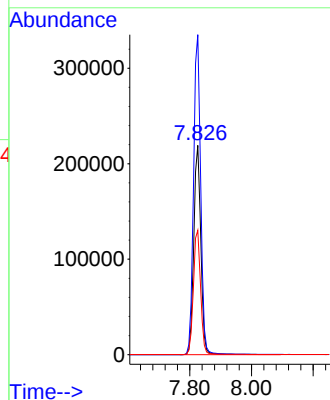


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Instrument :
BNA_N
ClientSampleId :
A01040

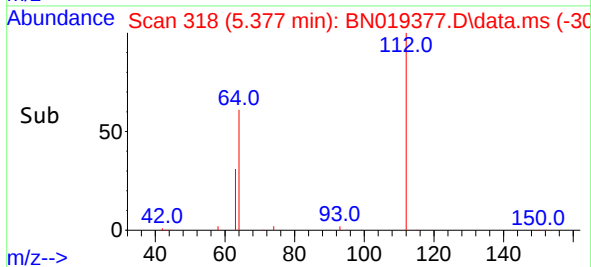
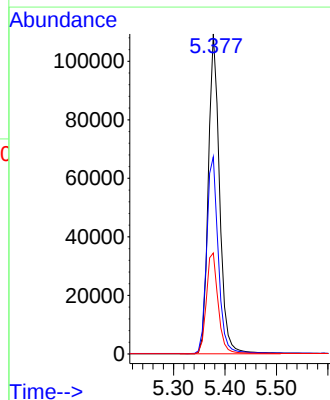
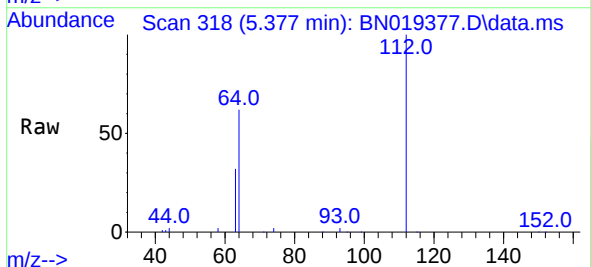


Tgt Ion:152 Resp: 346993
Ion Ratio Lower Upper
152 100
150 152.9 123.9 185.9
115 59.4 48.2 72.4



#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

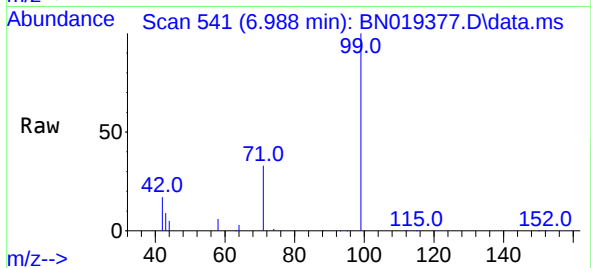
Tgt Ion:112 Resp: 166163
Ion Ratio Lower Upper
112 100
64 63.6 47.8 71.8
63 33.1 25.7 38.5



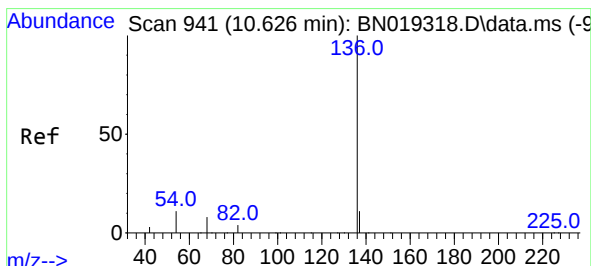
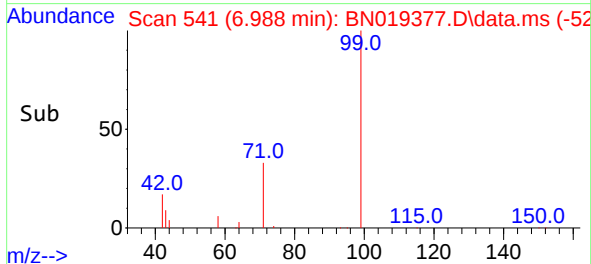
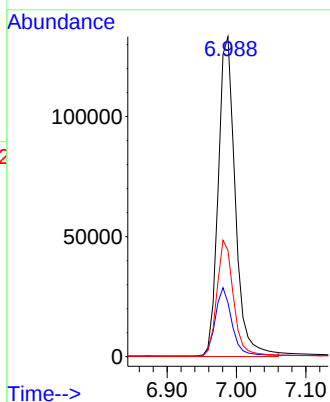


#5
Phenol-d6
Concen: 0.203 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Instrument :
BNA_N
ClientSampleId :
A01040

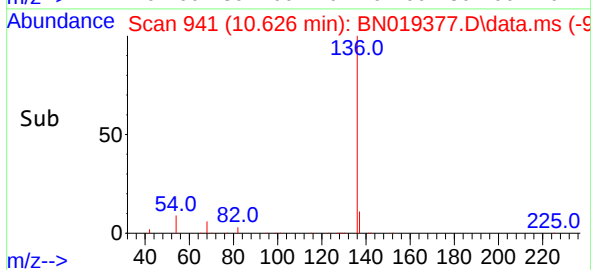
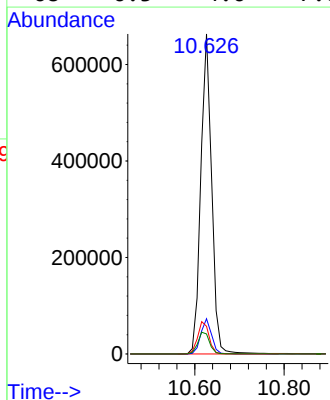
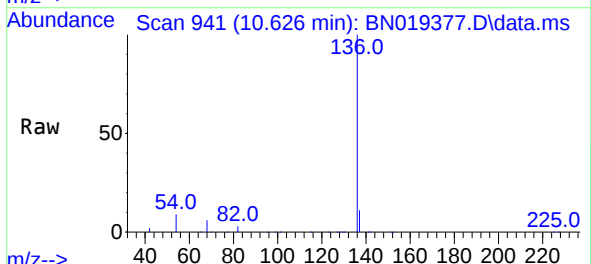


Tgt Ion: 99 Resp: 227506
Ion Ratio Lower Upper
99 100
42 20.8 16.2 24.4
71 35.8 27.7 41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Tgt Ion: 136 Resp: 1117444
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.7 5.8 8.6#
68 6.3 4.6 7.0

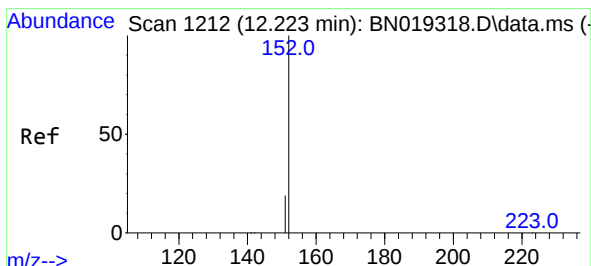
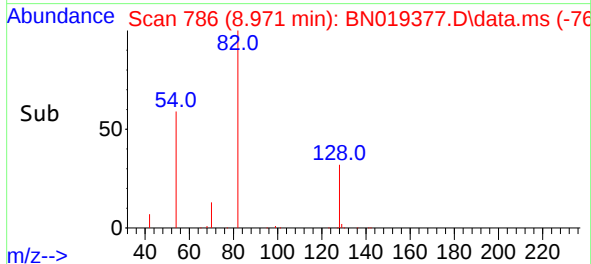
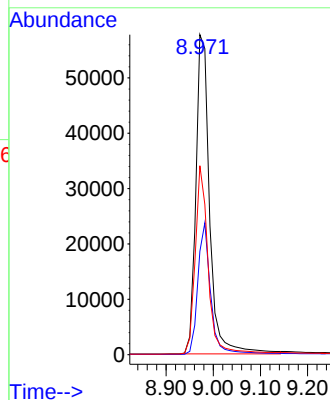
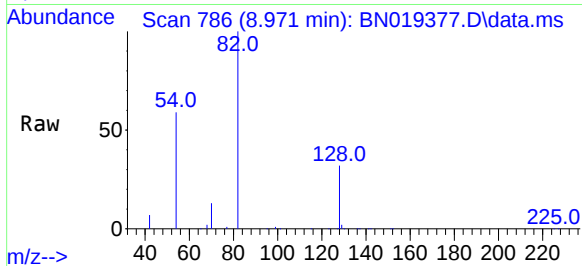




#8
Nitrobenzene-d5
Concen: 0.115 ng m
RT: 8.971 min Scan# 786
Delta R.T. -0.011 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

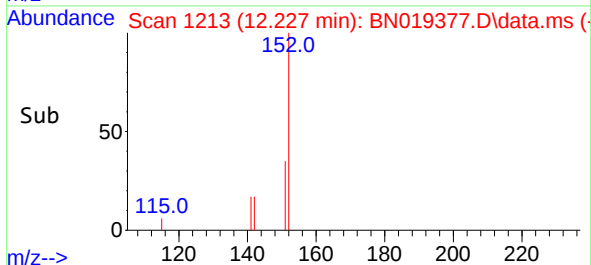
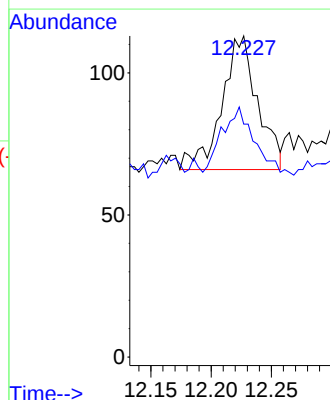
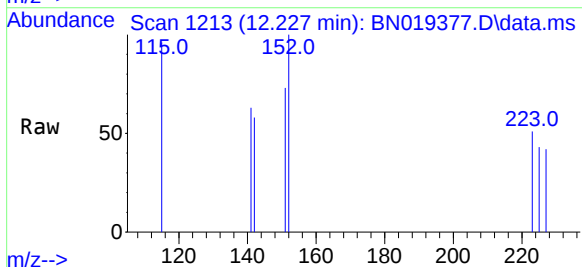
Instrument :
BNA_N
ClientSampleId :
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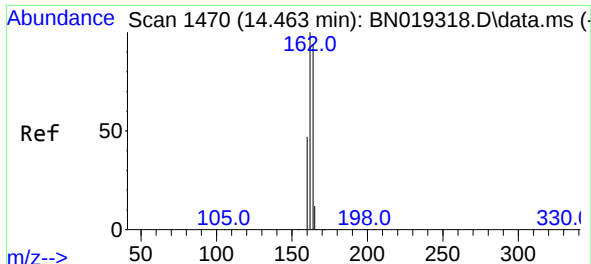
Tgt Ion: 82 Resp: 117152
Ion Ratio Lower Upper
82 100
128 32.3 33.0 49.6#
54 59.1 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.227 min Scan# 1213
Delta R.T. 0.004 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Tgt Ion:152 Resp: 97
Ion Ratio Lower Upper
152 100
151 47.4 16.5 24.7#

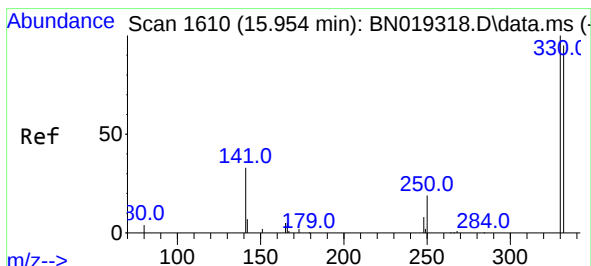
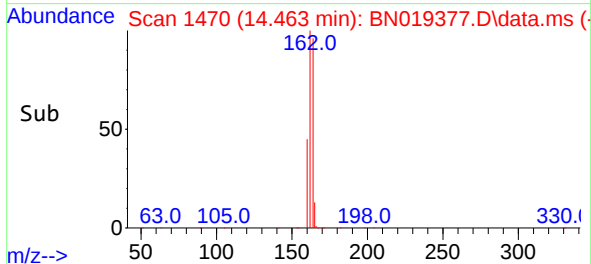
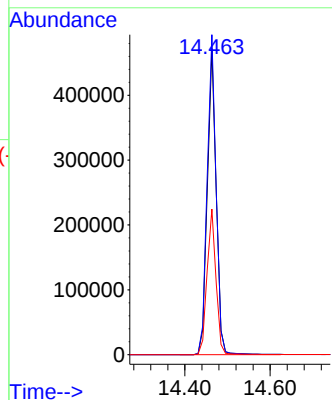
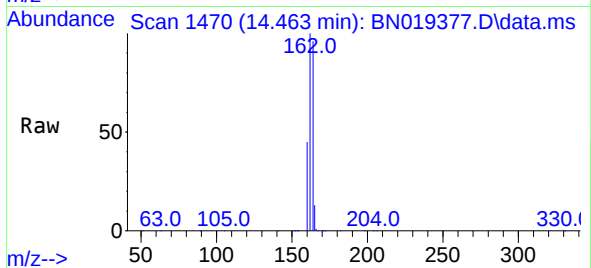




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

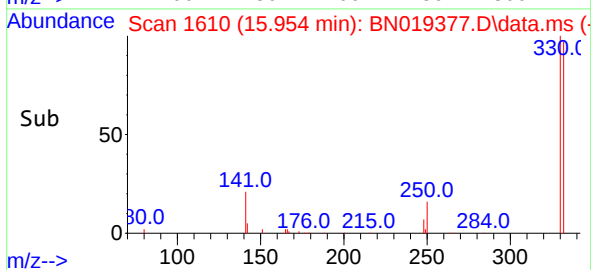
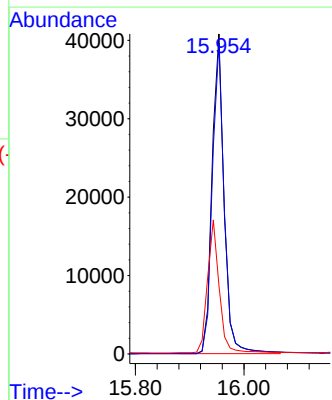
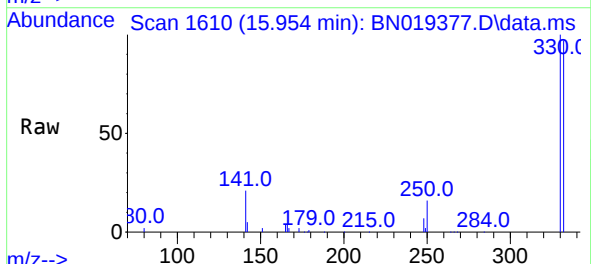
Instrument :
BNA_N
ClientSampleId :
A01040

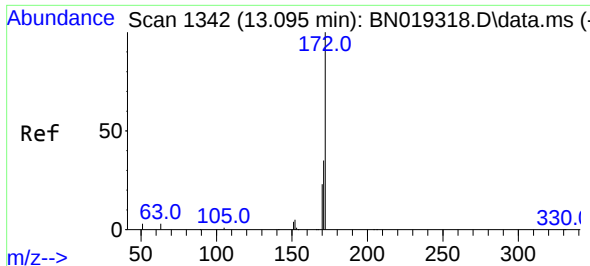
Tgt Ion:164 Resp: 681965
Ion Ratio Lower Upper
164 100
162 104.6 85.2 127.8
160 47.6 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.150 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Tgt Ion:330 Resp: 62188
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 40.5 32.2 48.2

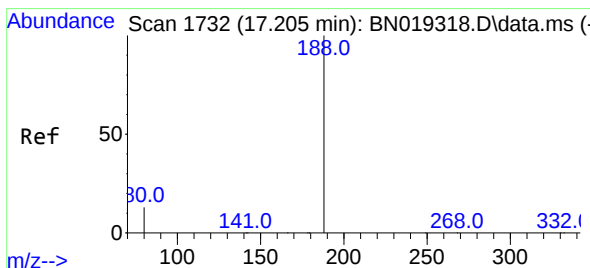
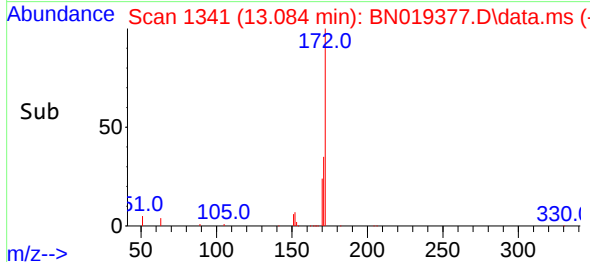
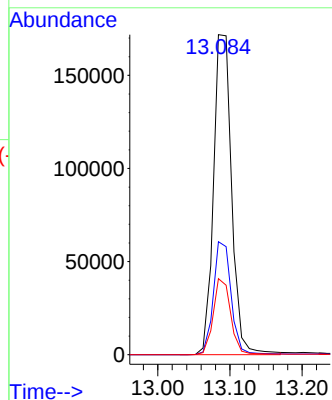
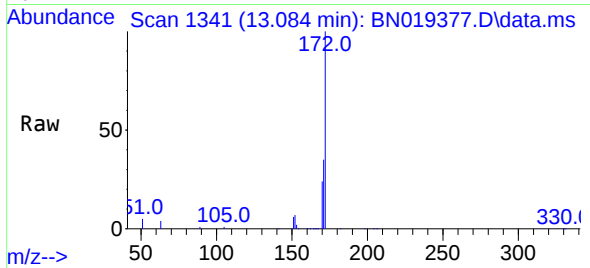




#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 13.084 min Scan# 1341
Delta R.T. -0.011 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

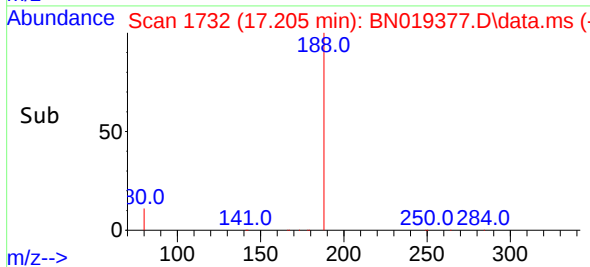
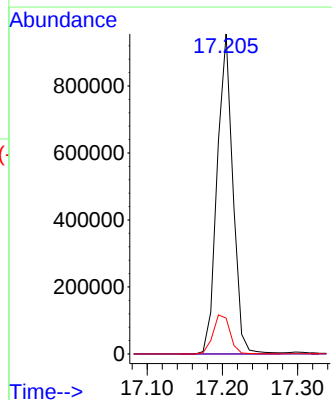
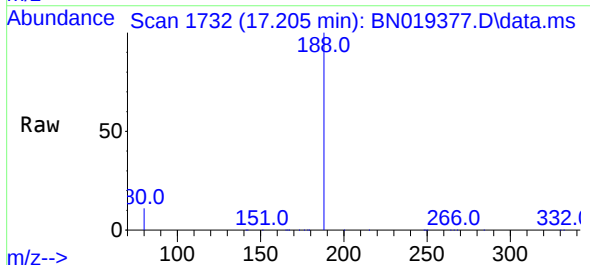
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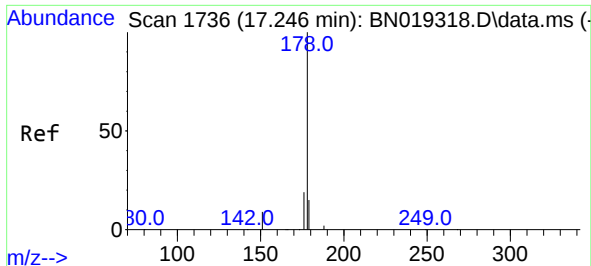
Tgt Ion:172 Resp: 300539
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.8 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Tgt Ion:188 Resp: 1383918
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 11.8 17.8#

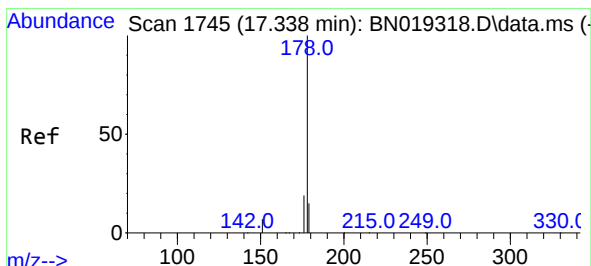
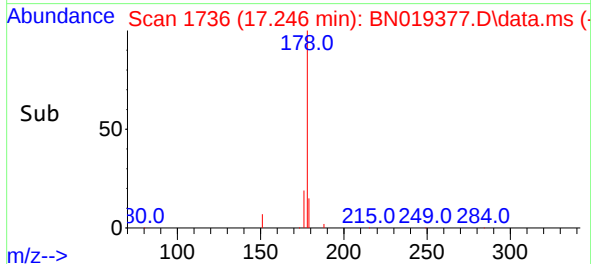
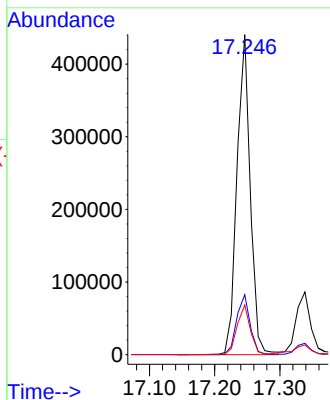
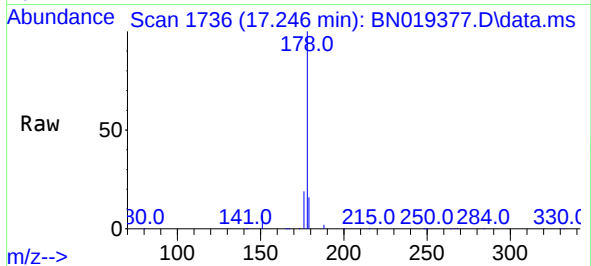




#25
Phenanthrene
Concen: 0.134 ng
RT: 17.246 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

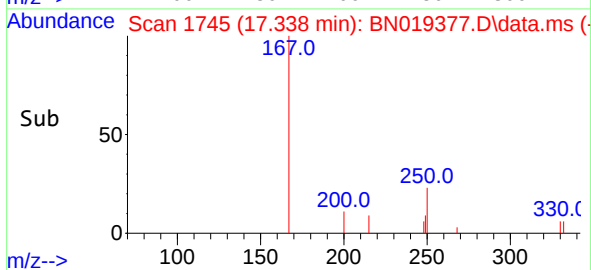
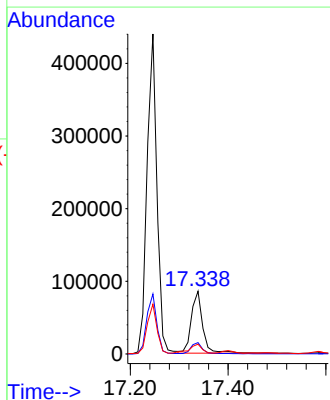
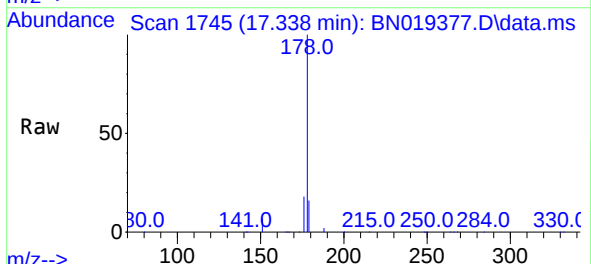
Instrument :
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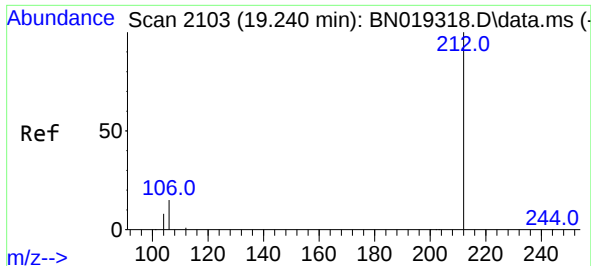
Tgt Ion:178 Resp: 620459
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.2 18.2



#26
Anthracene
Concen: 0.034 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Tgt Ion:178 Resp: 137712
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 15.7 12.2 18.4

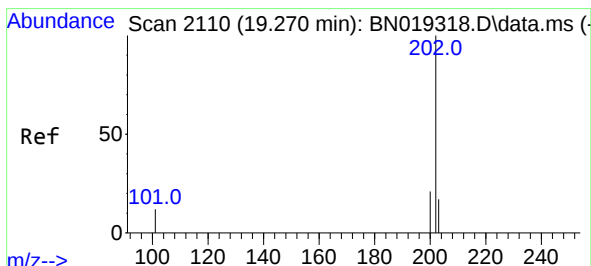
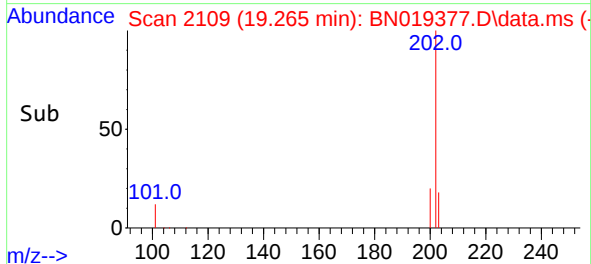
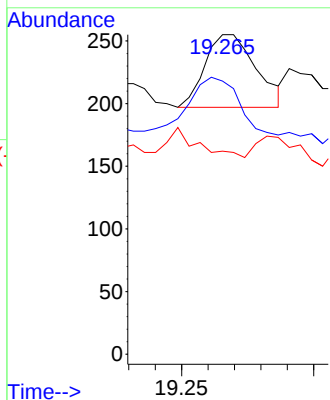
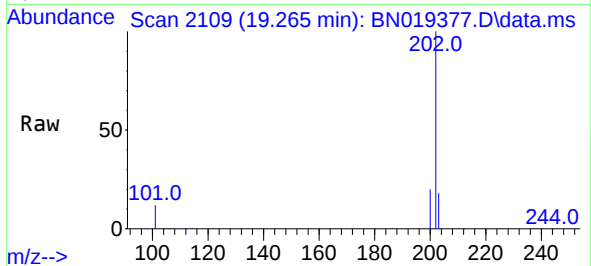




#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.265 min Scan# 2109
Delta R.T. 0.025 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

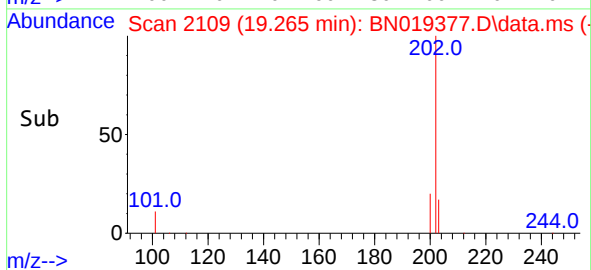
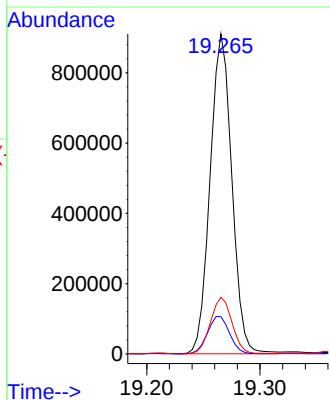
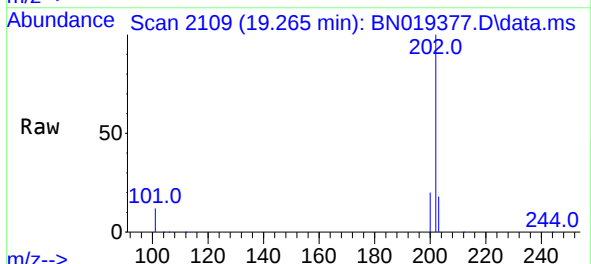
Instrument :
BNA_N
ClientSampleId :
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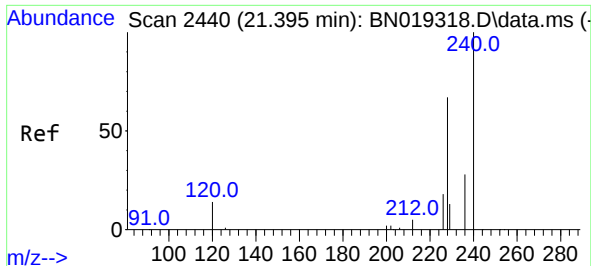
Tgt Ion:212 Resp: 78
Ion Ratio Lower Upper
212 100
106 112.8 12.7 19.1#
104 23.1 7.1 10.7#



#28
Fluoranthene
Concen: 0.220 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

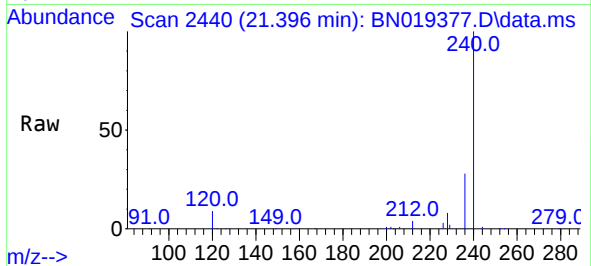
Tgt Ion:202 Resp: 1213034
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
203 17.5 13.7 20.5



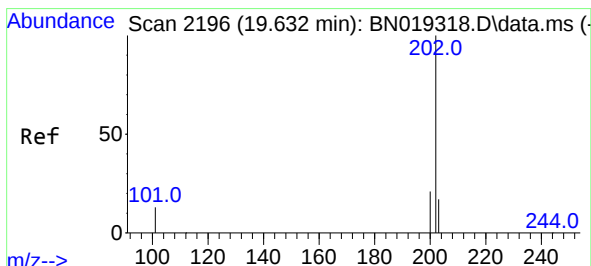
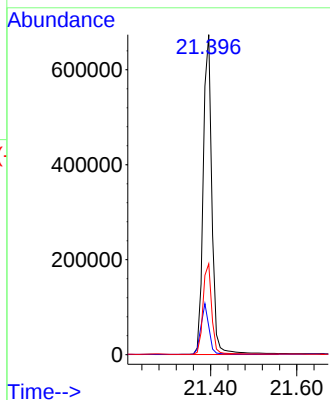
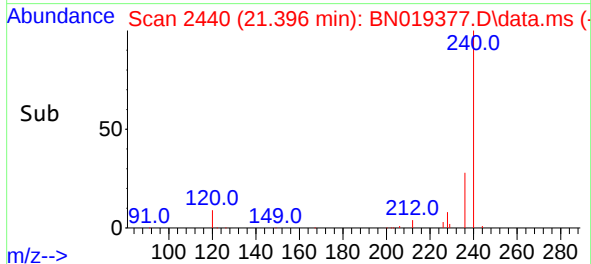


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.396 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

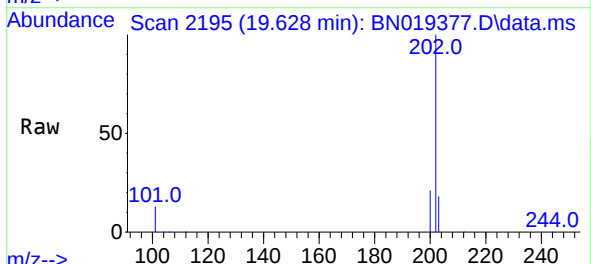
Instrument :
BNA_N
ClientSampleId :
A01040



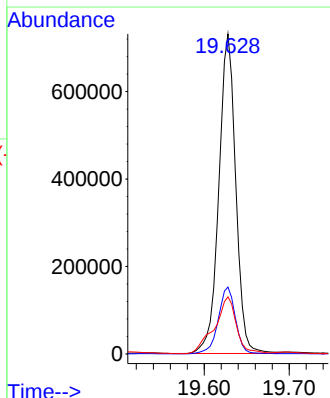
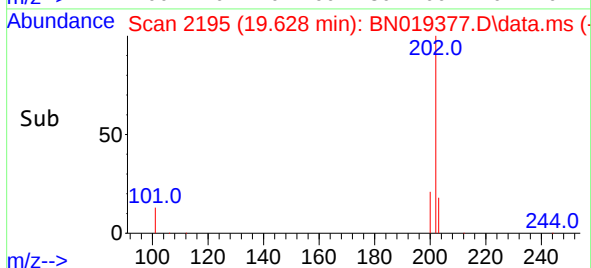
Tgt Ion:240 Resp: 949860
Ion Ratio Lower Upper
240 100
120 8.9 8.5 12.7
236 28.4 22.4 33.6

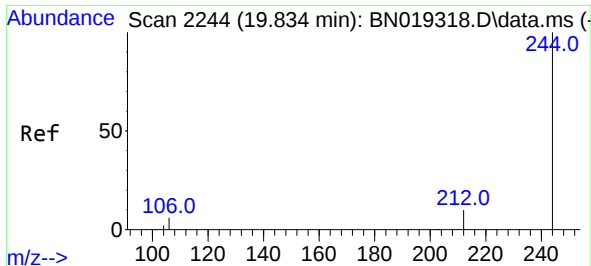


#30
Pyrene
Concen: 0.229 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44



Tgt Ion:202 Resp: 1010760
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 22.9 14.2 21.2#

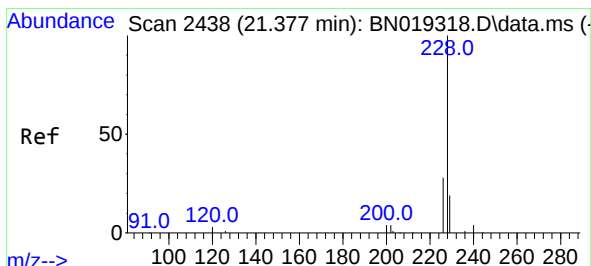
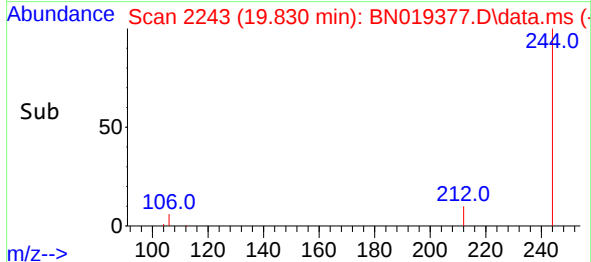
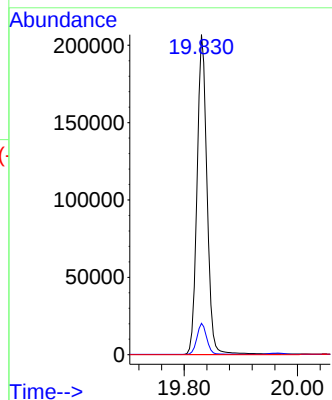
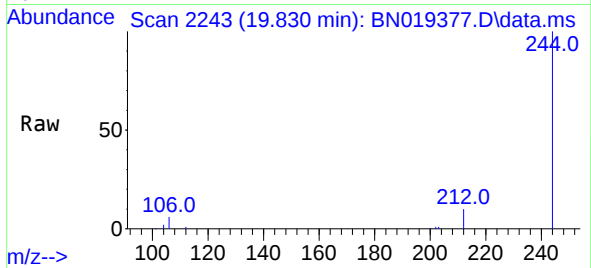




#31
Terphenyl-d14
Concen: 0.123 ng
RT: 19.830 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

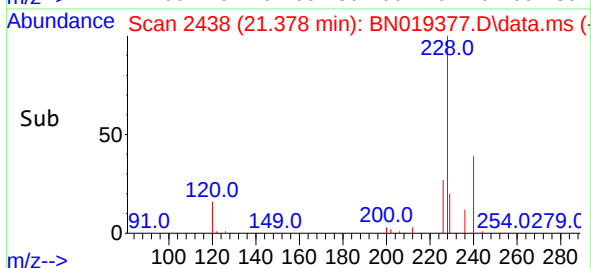
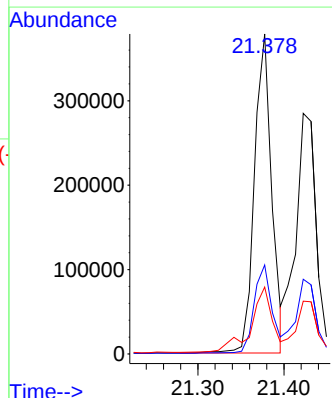
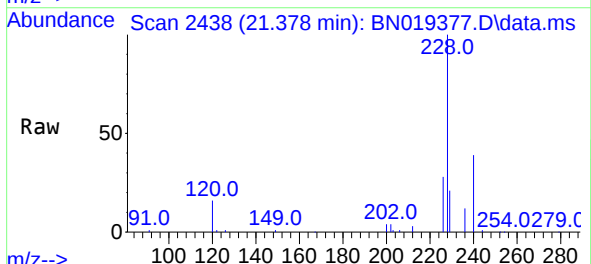
Instrument :
BNA_N
ClientSampleId :
A01040

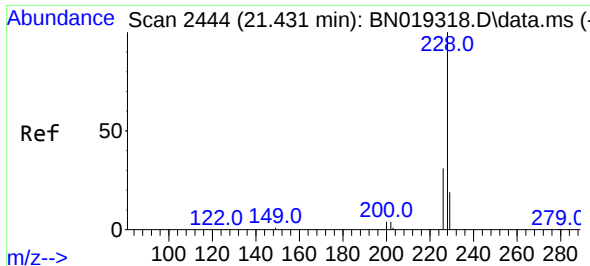
Tgt Ion:244 Resp: 254220
Ion Ratio Lower Upper
244 100
212 9.8 8.2 12.4
122 0.0 0.0 0.0



#32
Benzo(a)anthracene
Concen: 0.150 ng
RT: 21.378 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Tgt Ion:228 Resp: 525482
Ion Ratio Lower Upper
228 100
226 27.8 21.9 32.9
229 20.9 16.0 24.0

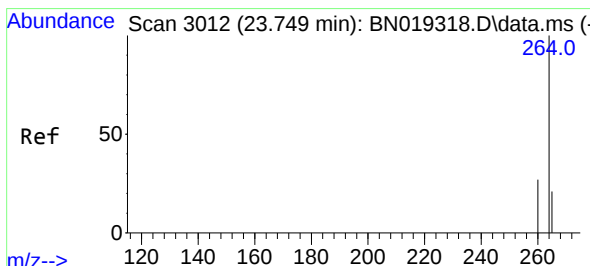
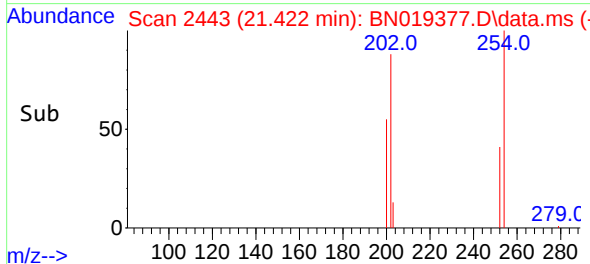
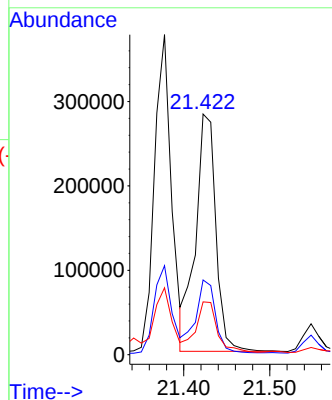
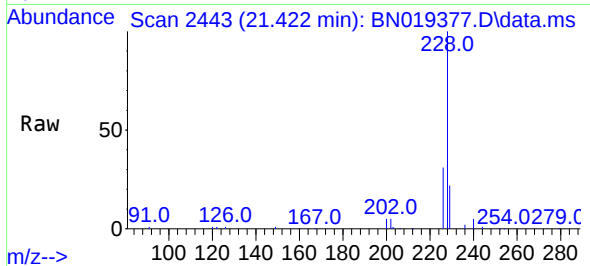




#33
Chrysene
Concen: 0.119 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

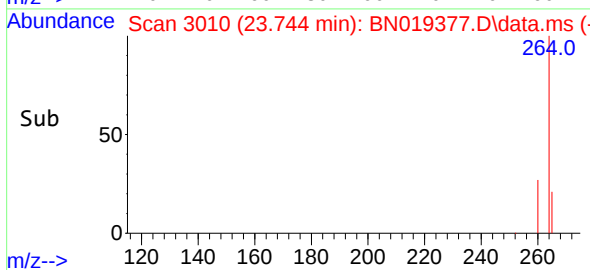
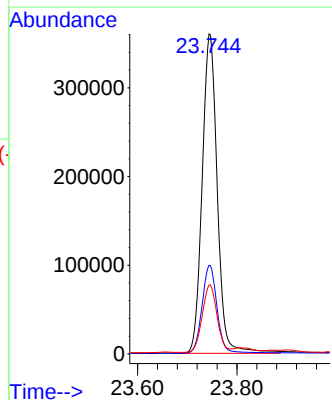
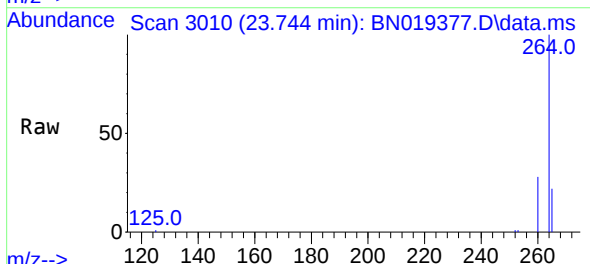
Instrument :
BNA_N
ClientSampleId :
A01040

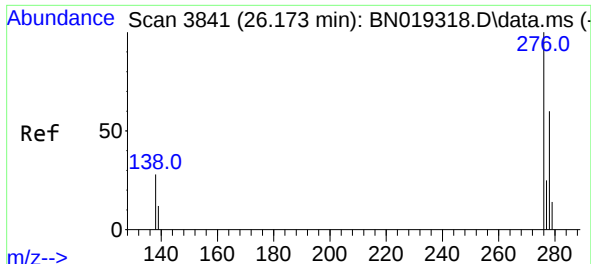
Tgt Ion:228 Resp: 462386
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 21.9 15.9 23.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Tgt Ion:264 Resp: 761714
Ion Ratio Lower Upper
264 100
260 27.7 22.4 33.6
265 21.6 25.3 37.9#

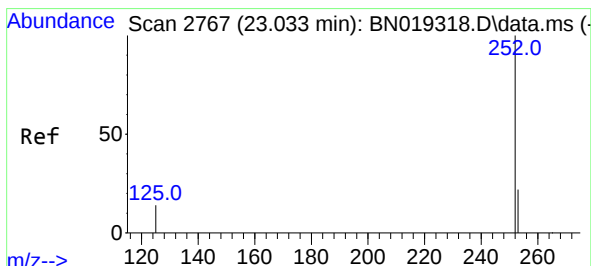
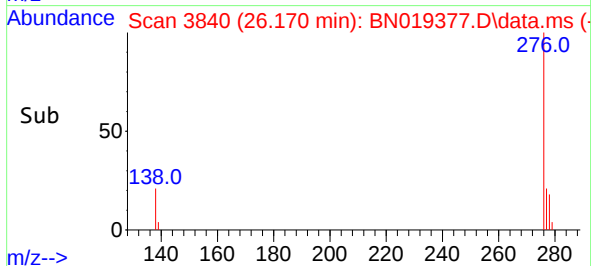
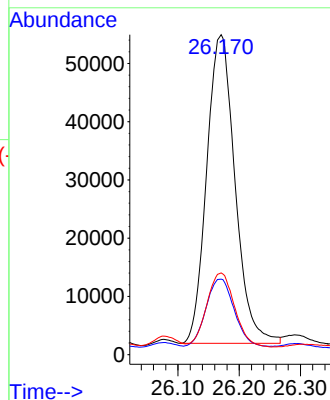
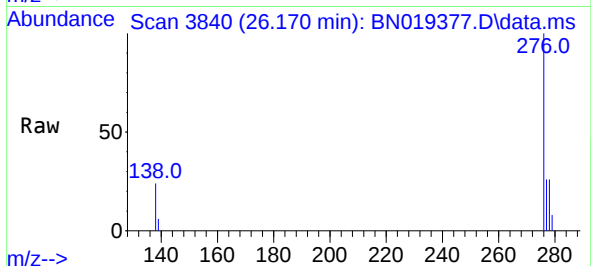




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng
RT: 26.170 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

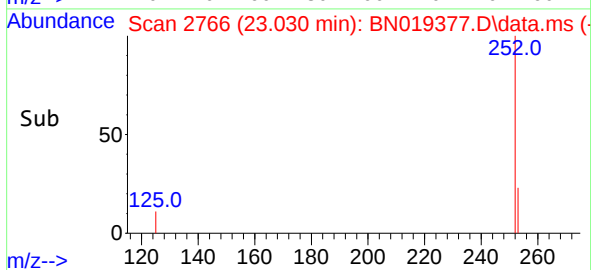
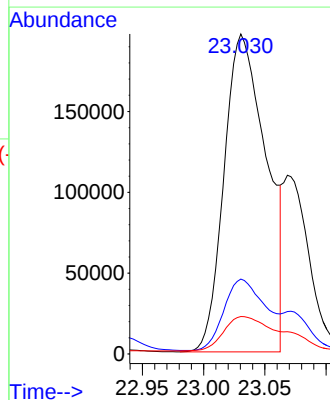
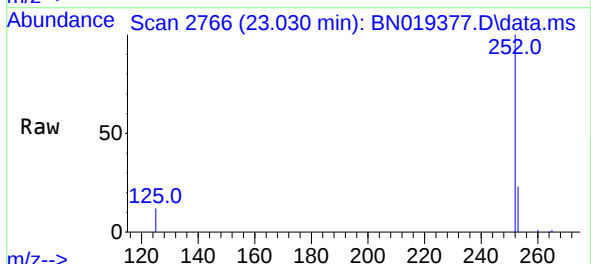
Instrument :
BNA_N
ClientSampleId :
A01040

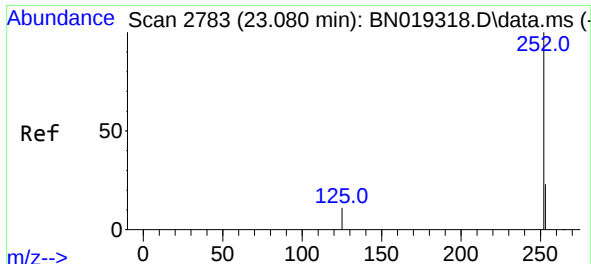
Tgt Ion:276 Resp: 170441
Ion Ratio Lower Upper
276 100
138 21.5 24.5 36.7#
277 23.5 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.158 ng
RT: 23.030 min Scan# 2766
Delta R.T. -0.003 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Tgt Ion:252 Resp: 471714
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 11.7 12.1 18.1#

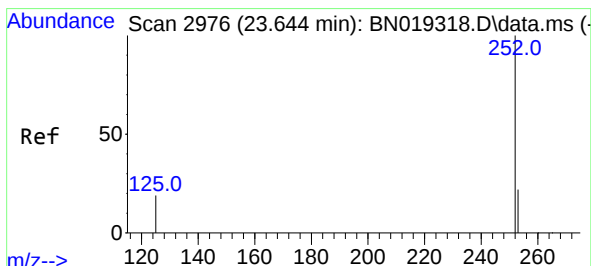
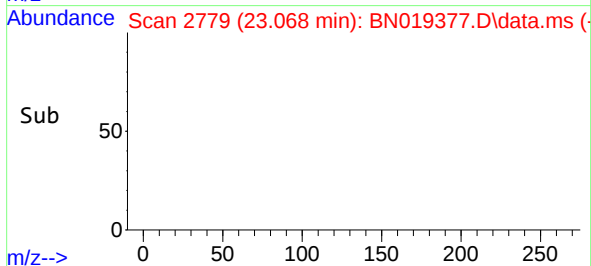
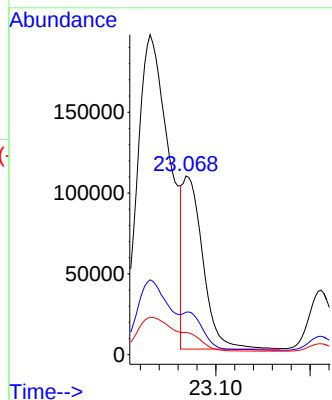
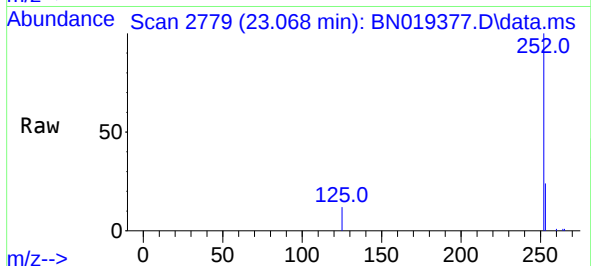




#38
Benzo(k)fluoranthene
Concen: 0.051 ng m
RT: 23.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

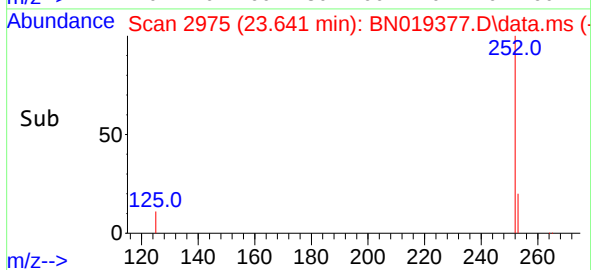
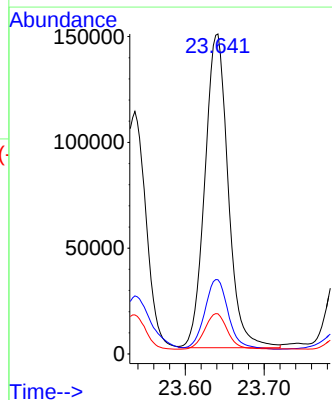
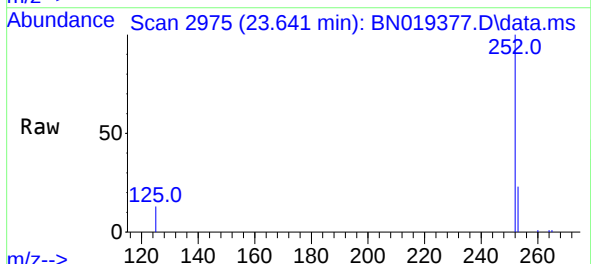
Instrument :
BNA_N
ClientSampleId :
A01040

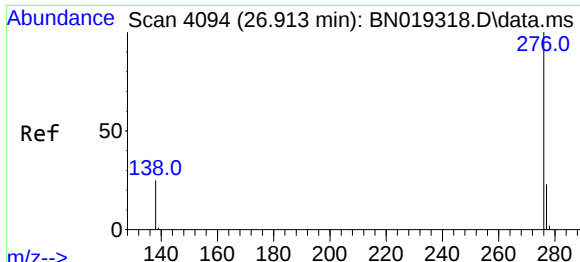
Tgt Ion:252 Resp: 159286
Ion Ratio Lower Upper
252 100
253 23.8 18.9 28.3
125 12.5 10.3 15.5



#39
Benzo(a)pyrene
Concen: 0.114 ng m
RT: 23.641 min Scan# 2975
Delta R.T. -0.003 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

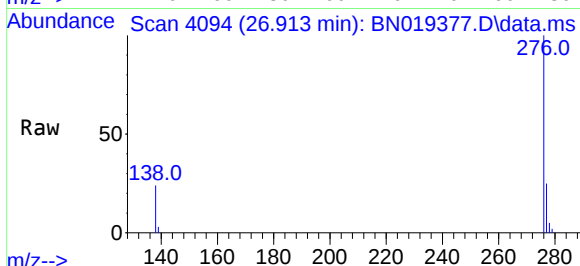
Tgt Ion:252 Resp: 304548
Ion Ratio Lower Upper
252 100
253 23.2 20.1 30.1
125 12.5 15.2 22.8#





#41
Benzo(g,h,i)perylene
Concen: 0.058 ng
RT: 26.913 min Scan# 4094
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Instrument :
BNA_N
ClientSampleId :
A01040



Tgt Ion:276 Resp: 171102
Ion Ratio Lower Upper
276 100
277 25.0 19.4 29.0
138 24.0 21.0 31.6

