

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)

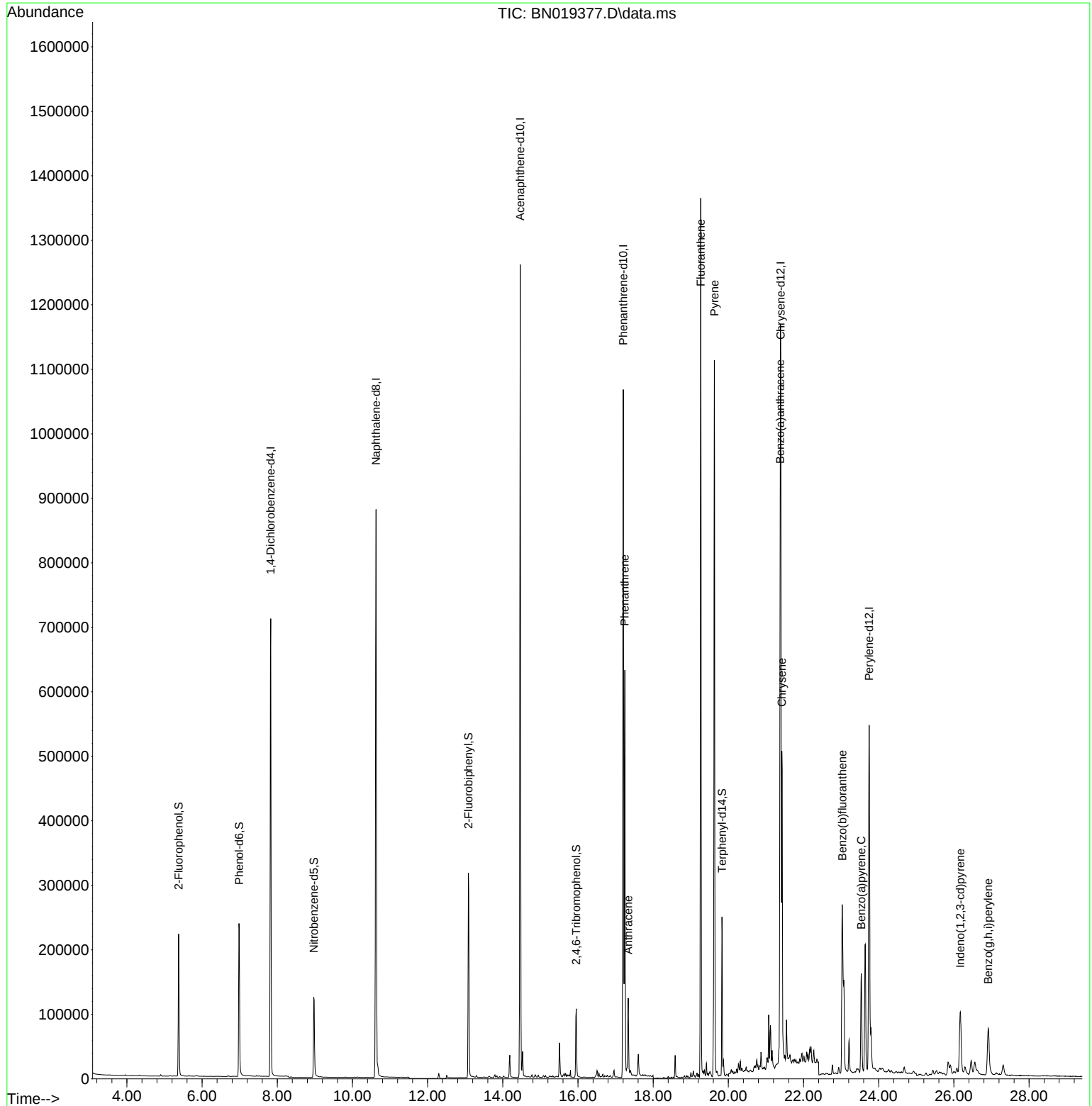
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	346993	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	1117444	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	681965	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	1383918	0.400	ng	# 0.00
29) Chrysene-d12	21.396	240	949860	0.400	ng	0.00
35) Perylene-d12	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	117600	0.116	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
39) Benzo(a)pyrene	23.536	252	221295	0.083	ng	96
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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Misc :
ALS Vial : 5 Sample Multiplier: 1

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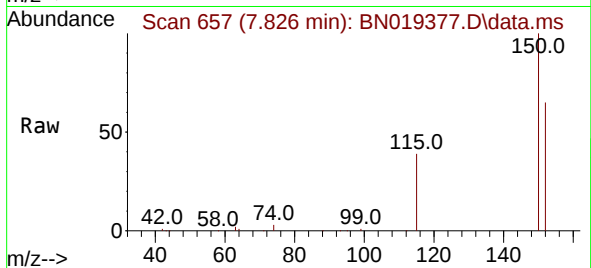
Quant Time: Apr 08 06:17:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
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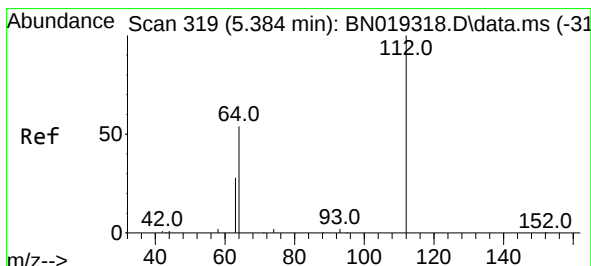
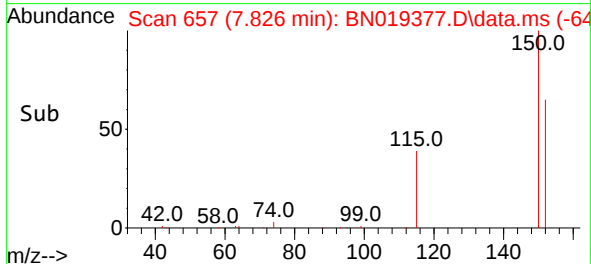
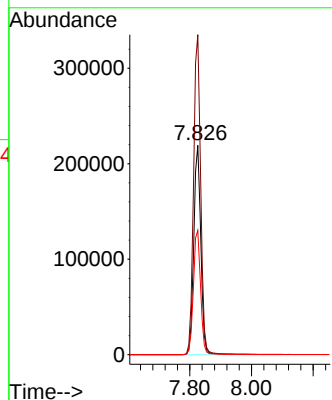


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

Instrument :
BNA_N
ClientSampleId :
A01040

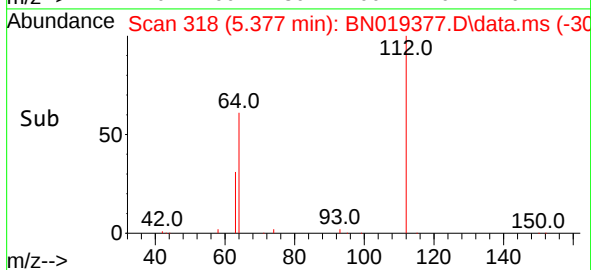
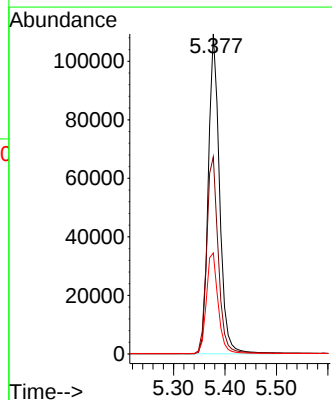
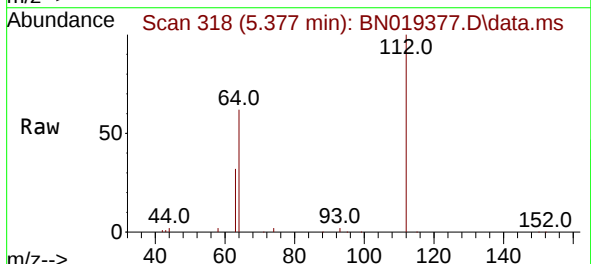


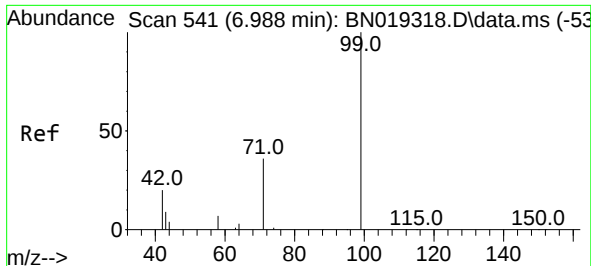
Tgt Ion:152 Resp: 346993
Ion Ratio Lower Upper
152 100
150 152.9 123.9 185.9
115 59.4 48.2 72.4



#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

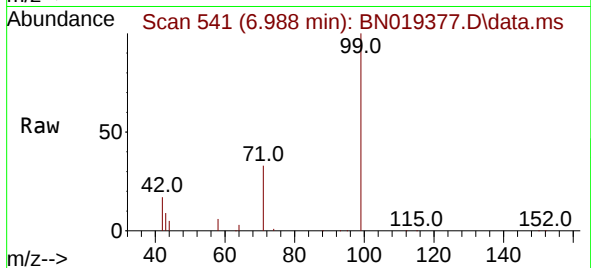
Tgt Ion:112 Resp: 166163
Ion Ratio Lower Upper
112 100
64 63.6 47.8 71.8
63 33.1 25.7 38.5



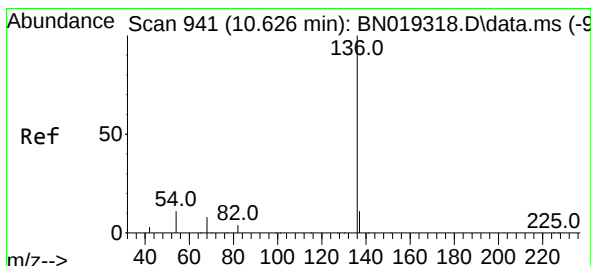
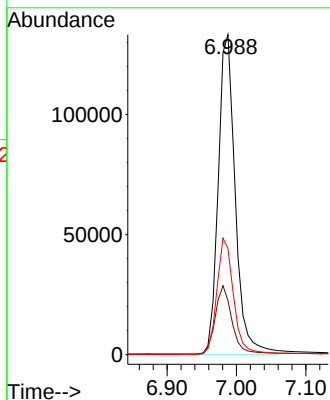
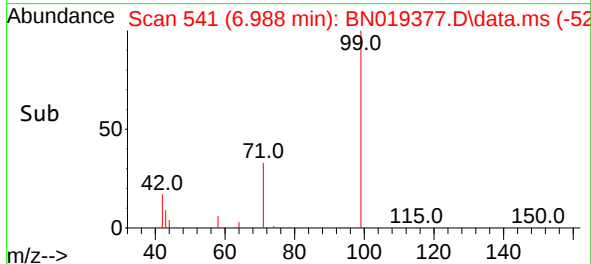


#5
Phenol-d6
Concen: 0.203 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

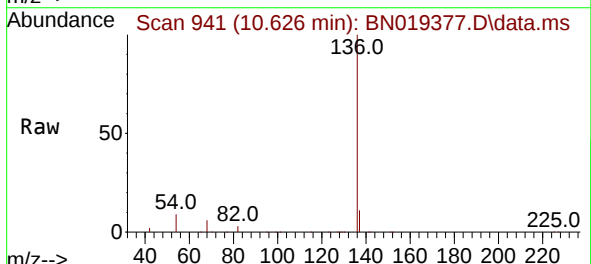
Instrument :
BNA_N
ClientSampleId :
A01040



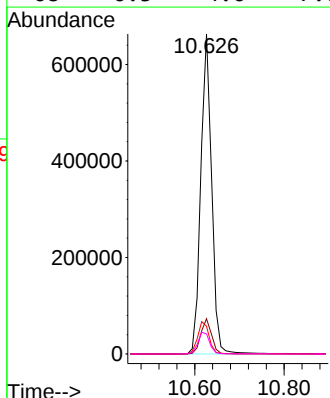
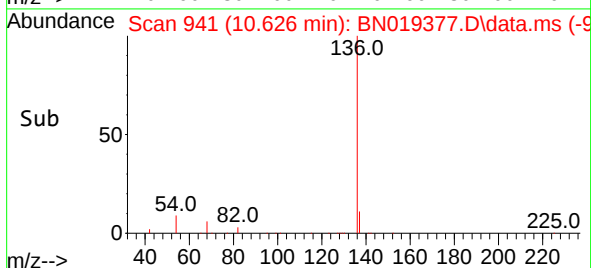
Tgt Ion: 99 Resp: 227506
Ion Ratio Lower Upper
99 100
42 20.8 16.2 24.4
71 35.8 27.7 41.5

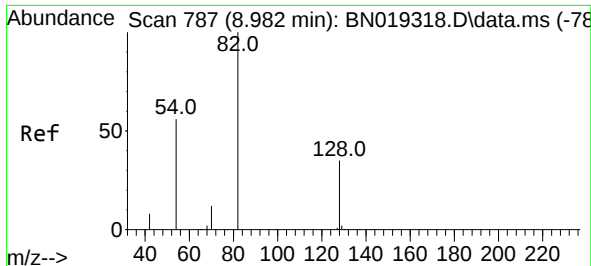


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44



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

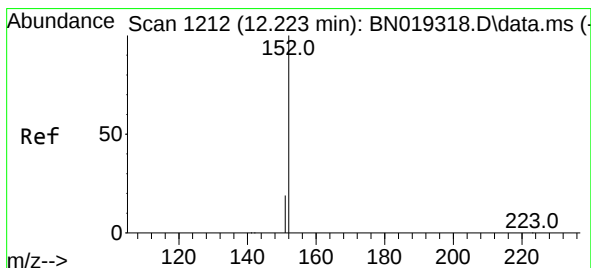
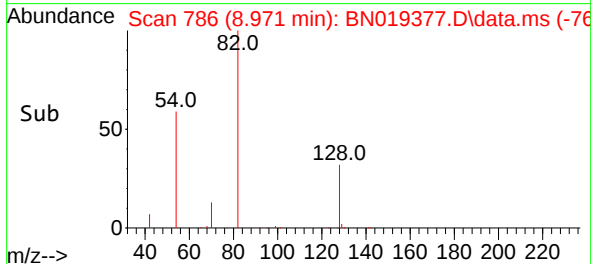
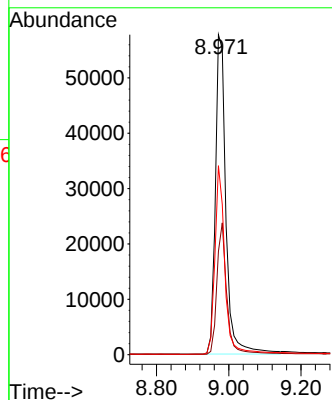
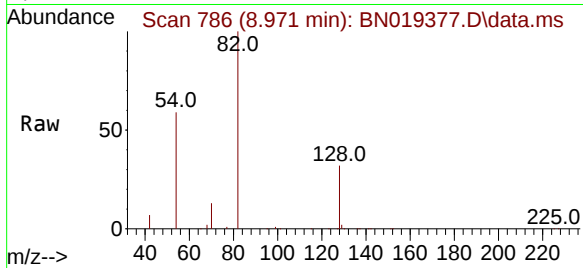




#8
 Nitrobenzene-d5
 Concen: 0.116 ng
 RT: 8.971 min Scan# 786
 Delta R.T. -0.011 min
 Lab File: BN019377.D
 Acq: 07 Apr 2022 14:44

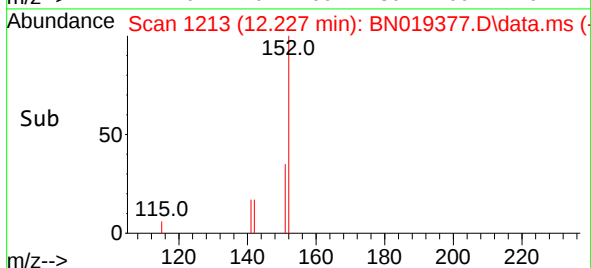
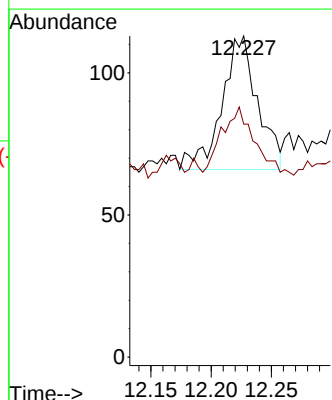
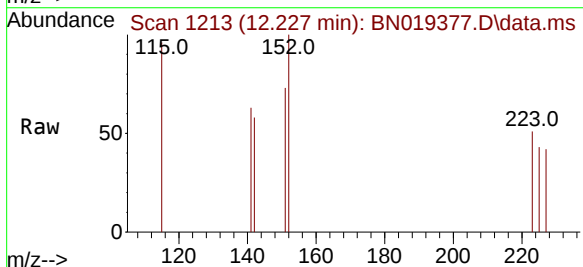
Instrument :
 BNA_N
 ClientSampleId :
 A01040

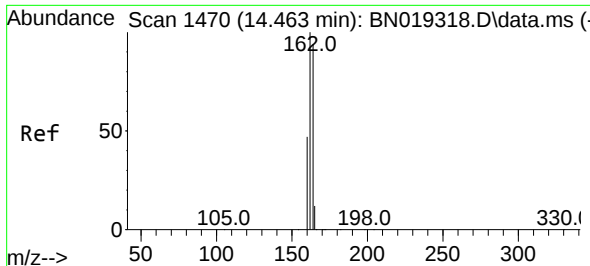
Tgt Ion: 82 Resp: 117600
 Ion Ratio Lower Upper
 82 100
 128 32.3 33.0 49.6#
 54 59.1 42.5 63.7



#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#

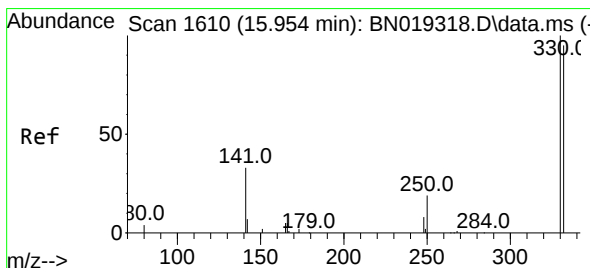
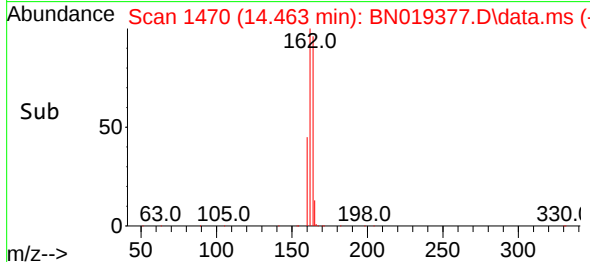
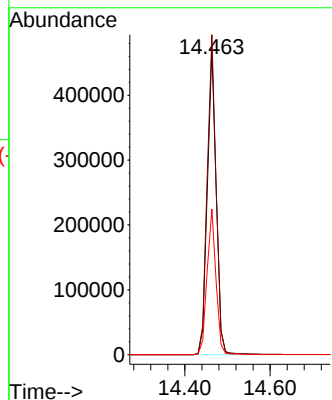
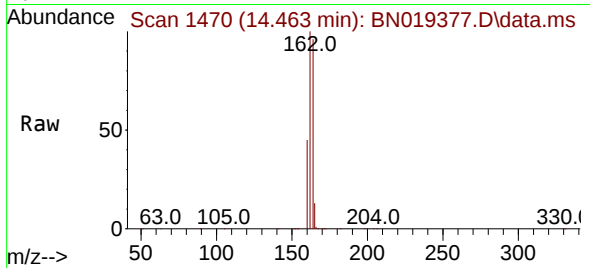




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

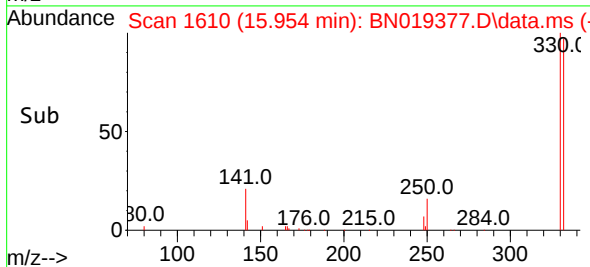
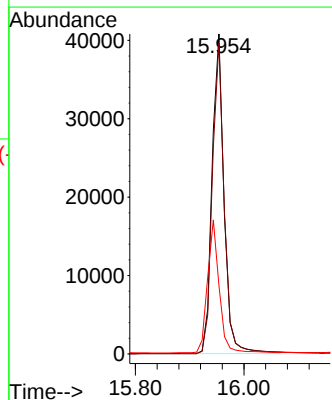
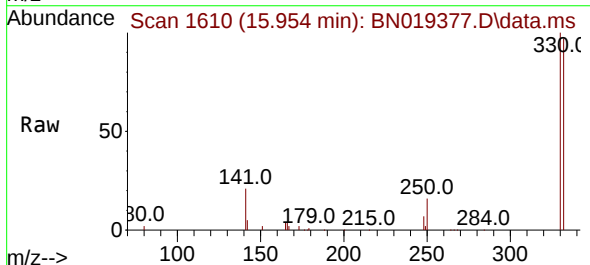
Instrument :
BNA_N
ClientSampleId :
A01040

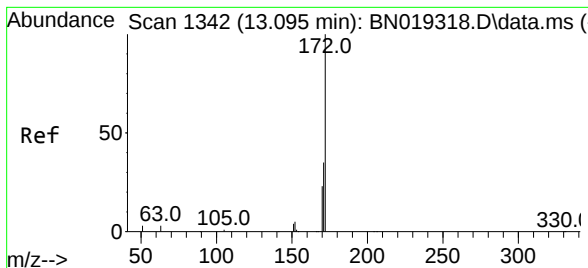
Tgt Ion:164 Resp: 681965
Ion Ratio Lower Upper
164 100
162 104.6 85.2 127.8
160 47.6 41.5 62.3



#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

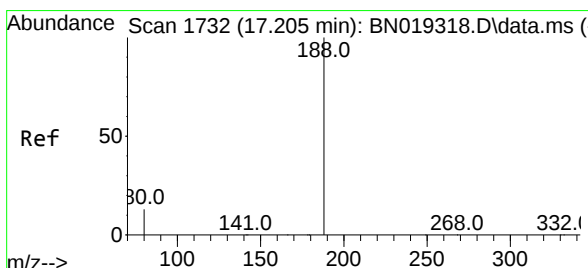
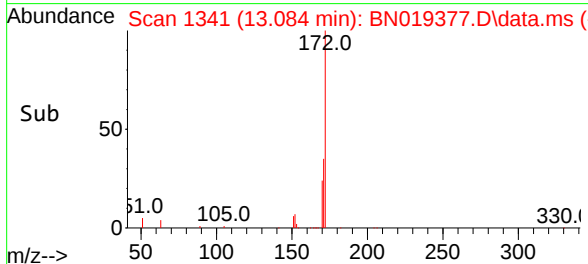
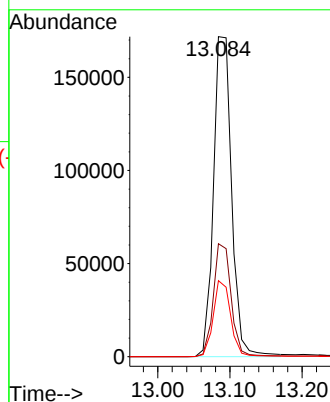
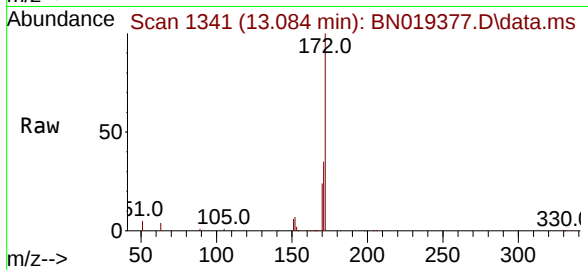




#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 13.084 min Scan# 1341
Delta R.T. -0.011 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

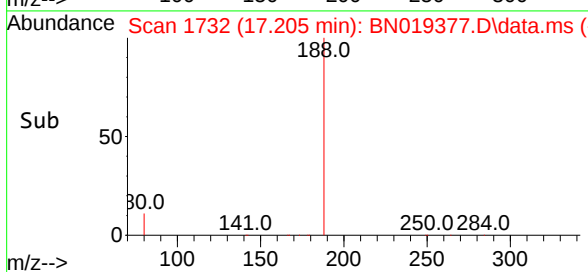
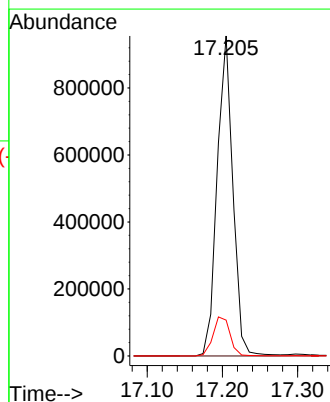
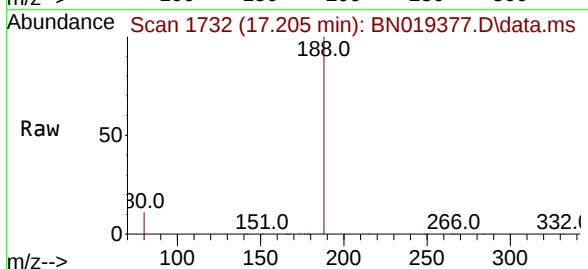
Instrument :
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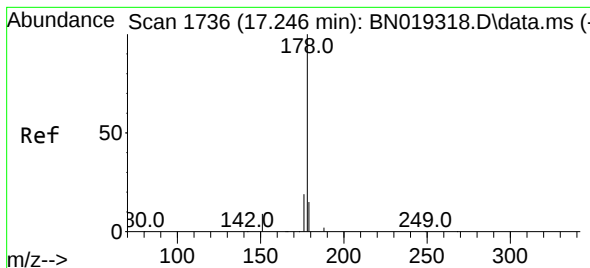
Tgt Ion:172 Resp: 300539
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.8 18.7 28.1



#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# 1

Delta R.T. 0.000 min

Lab File: BN019377.D

Acq: 07 Apr 2022 14:44

Instrument :

BNA_N

ClientSampleId :

A01040

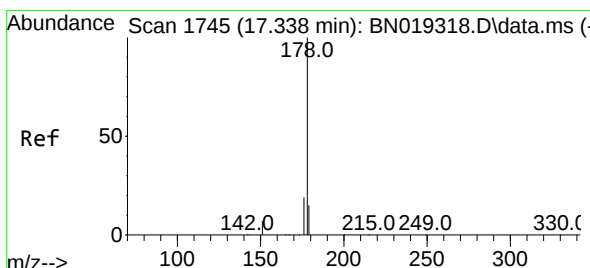
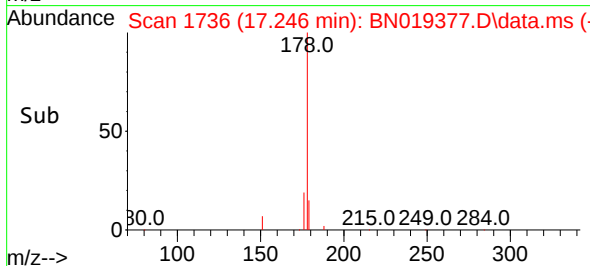
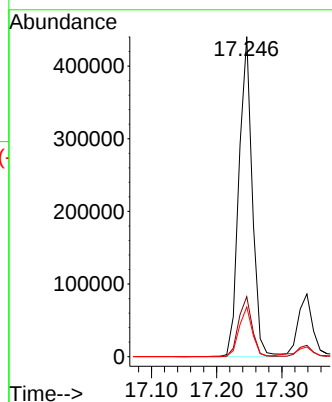
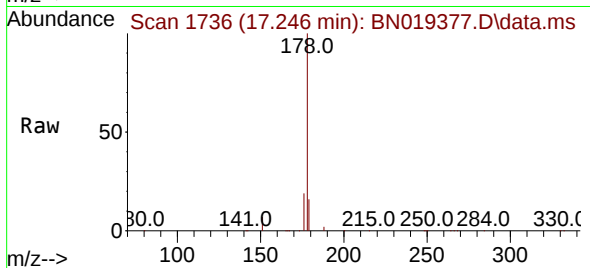
Tgt Ion:178 Resp: 620459

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

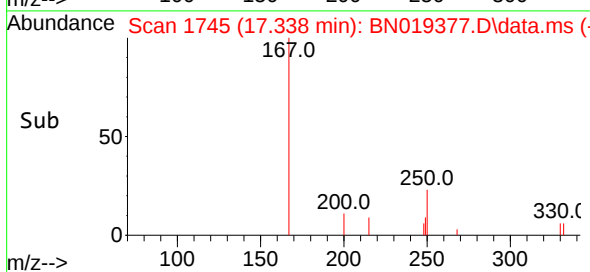
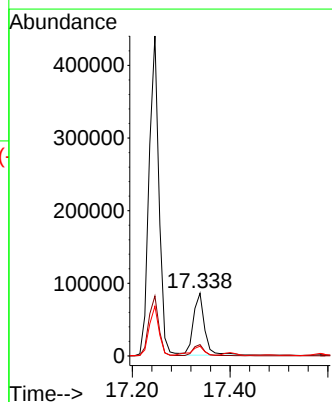
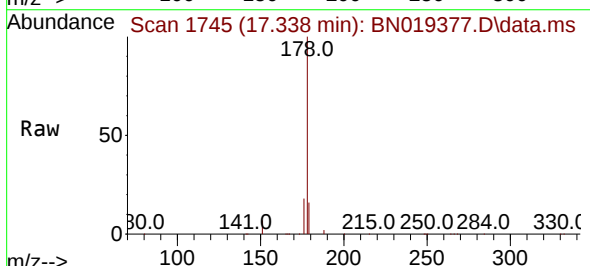
Tgt Ion:178 Resp: 137712

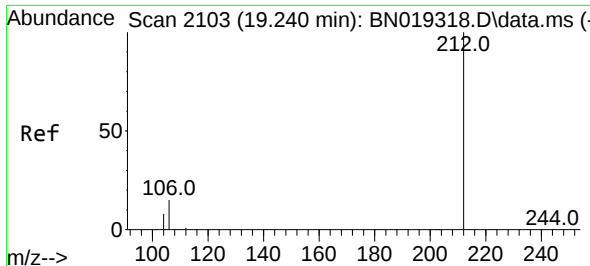
Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

179 15.7 12.2 18.4

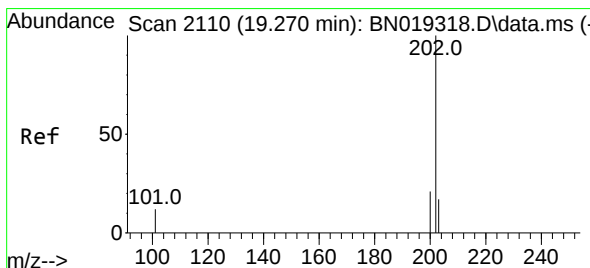
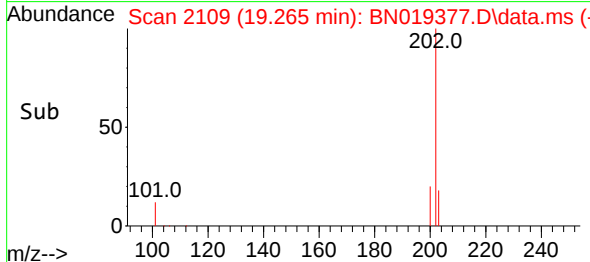
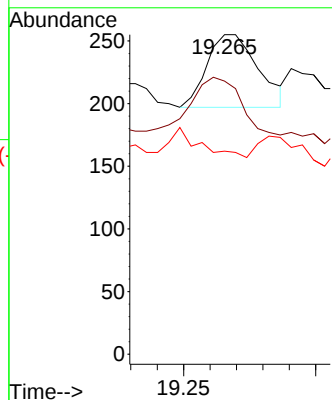
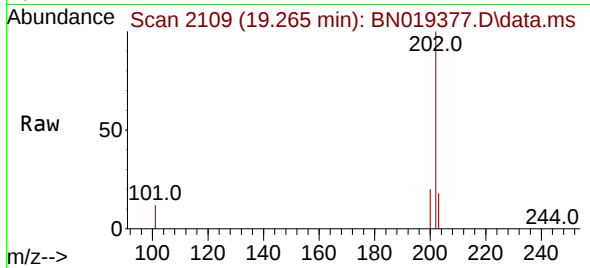




#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.265 min Scan# 2109
Delta R.T. 0.025 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

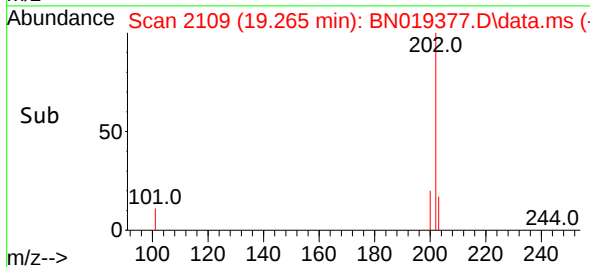
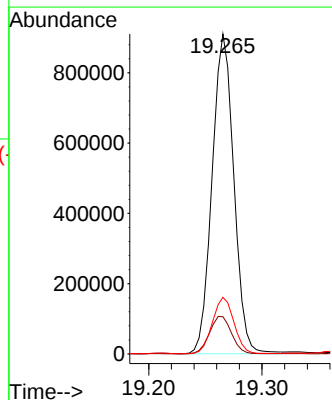
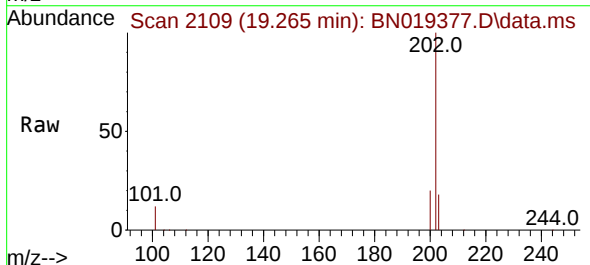
Instrument :
BNA_N
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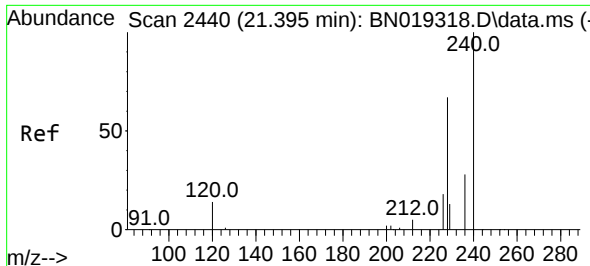
Tgt Ion:212 Resp: 78
Ion Ratio Lower Upper
212 100
106 112.8 12.7 19.1#
104 23.1 7.1 10.7#



#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

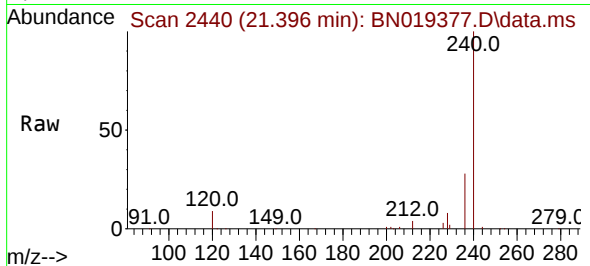
Tgt Ion:202 Resp: 1213034
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
203 17.5 13.7 20.5



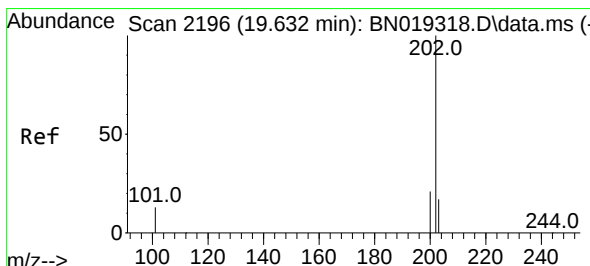
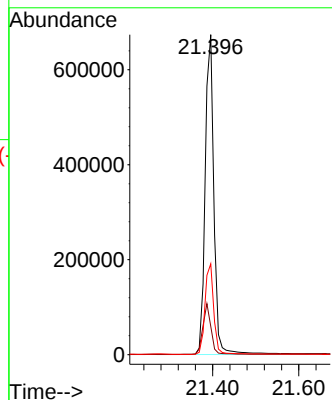
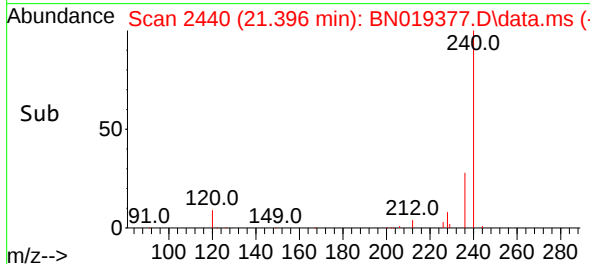


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.396 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

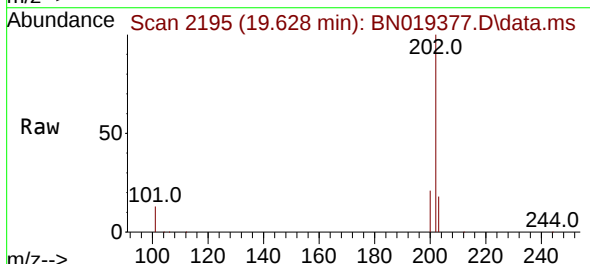
Instrument :
BNA_N
ClientSampleId :
A01040



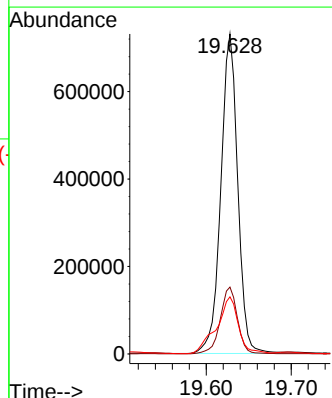
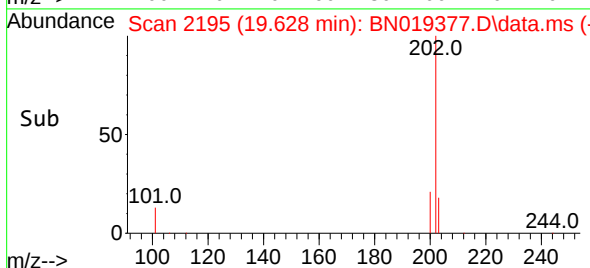
Tgt Ion:240 Resp: 949860
Ion Ratio Lower Upper
240 100
120 8.9 8.5 12.7
236 28.4 22.4 33.6

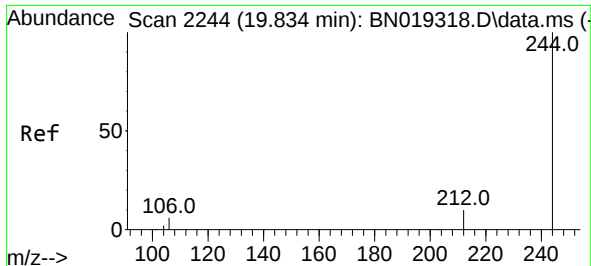


#30
Pyrene
Concen: 0.229 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44



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#

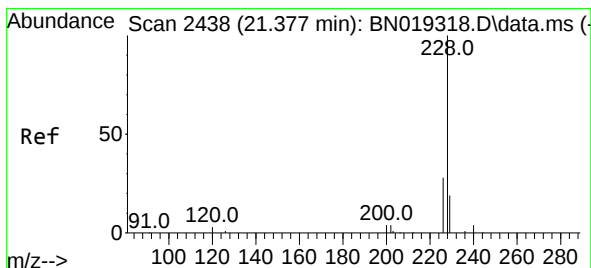
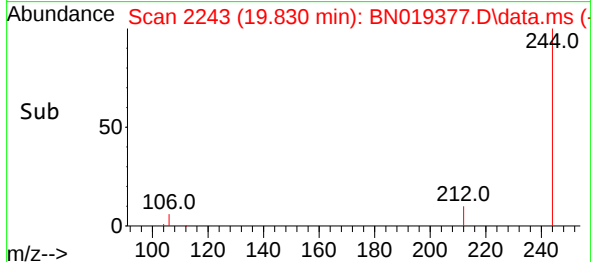
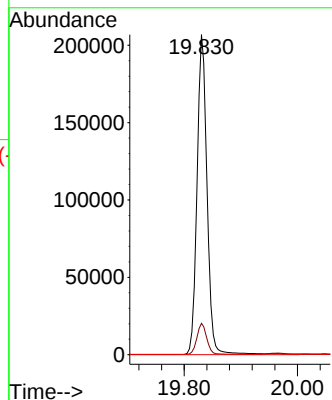
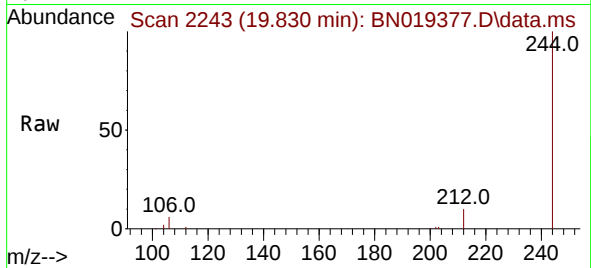




#31
 Terphenyl-d14
 Concen: 0.123 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019377.D
 Acq: 07 Apr 2022 14:44

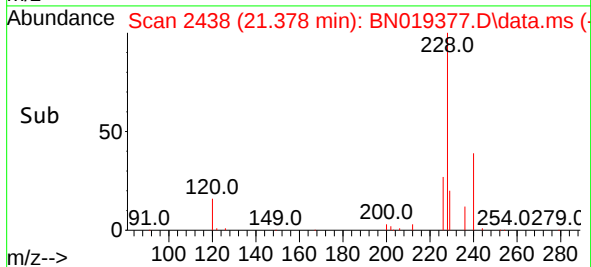
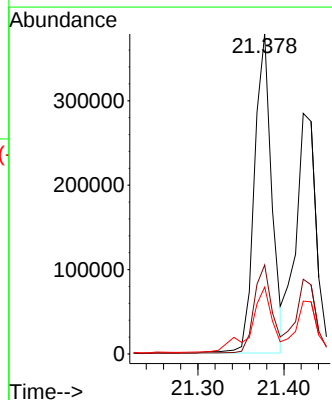
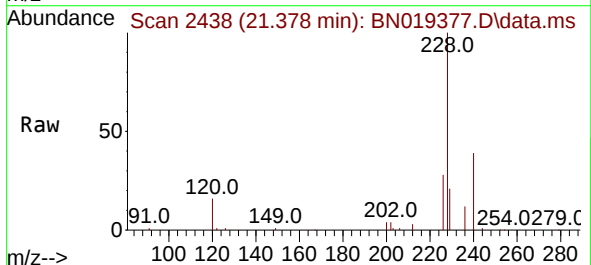
Instrument :
 BNA_N
 ClientSampleId :
 A01040

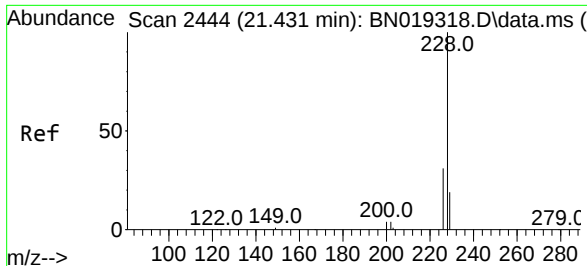
Tgt Ion:244 Resp: 254220
 Ion Ratio Lower Upper
 244 100
 212 9.8 8.2 12.4
 122 0.0 0.0 0.0



#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# 2444

Delta R.T. -0.009 min

Lab File: BN019377.D

Acq: 07 Apr 2022 14:44

Instrument :

BNA_N

ClientSampleId :

A01040

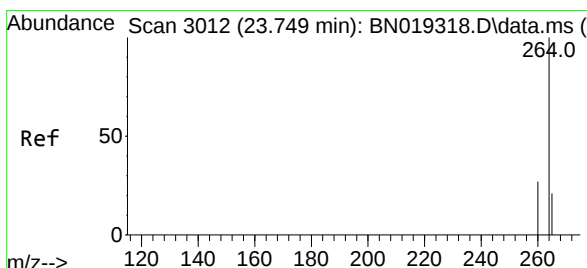
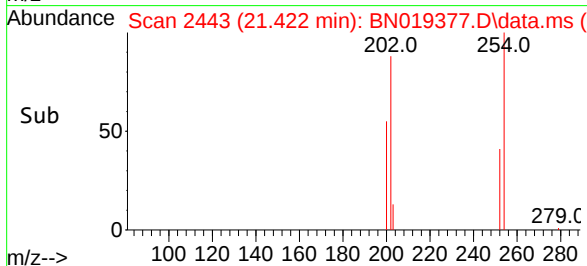
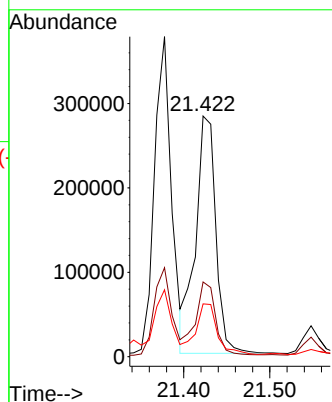
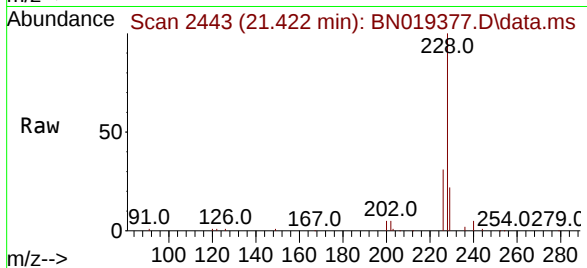
Tgt Ion:228 Resp: 462386

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

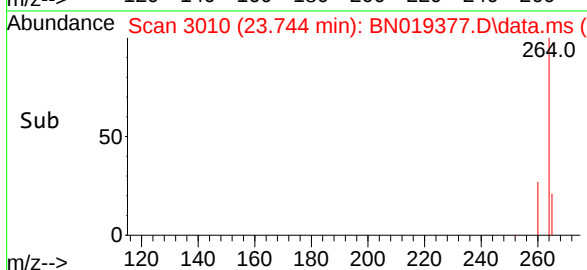
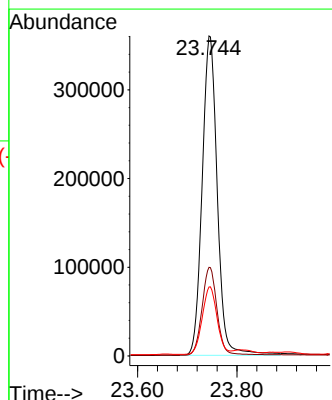
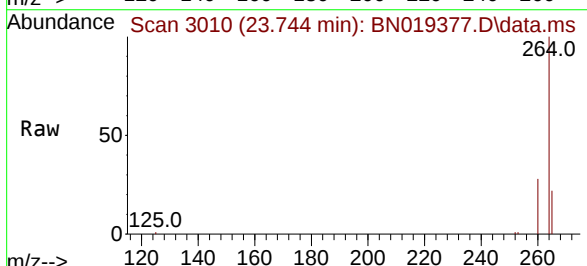
Tgt Ion:264 Resp: 761714

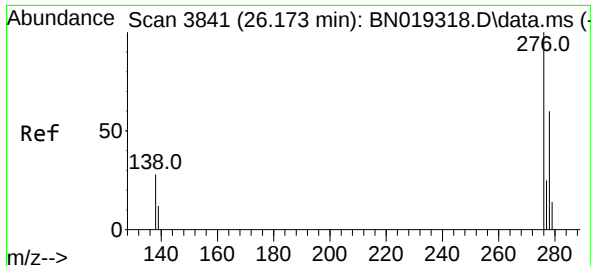
Ion Ratio Lower Upper

264 100

260 27.7 22.4 33.6

265 21.6 25.3 37.9#

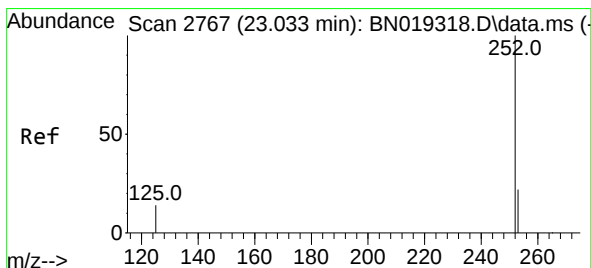
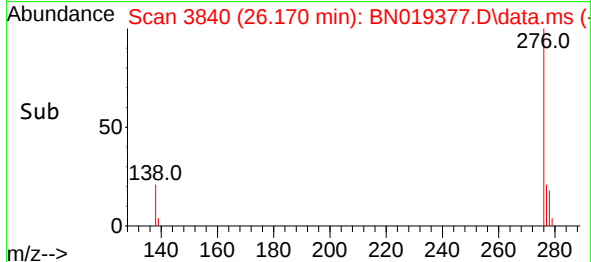
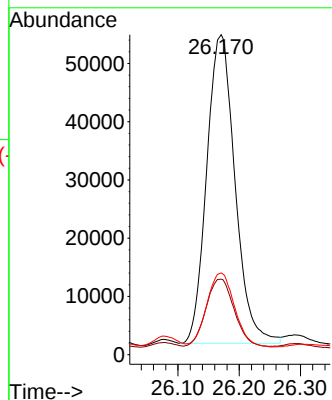
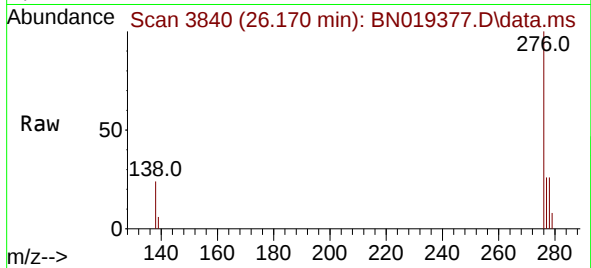




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng
RT: 26.170 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BN019377.D
Acq: 07 Apr 2022 14:44

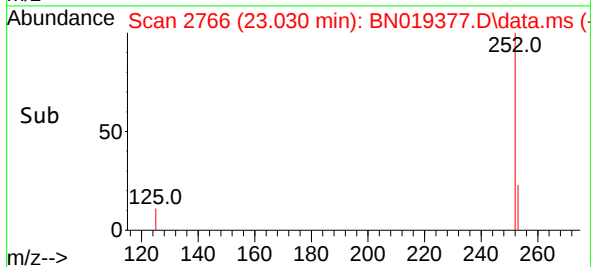
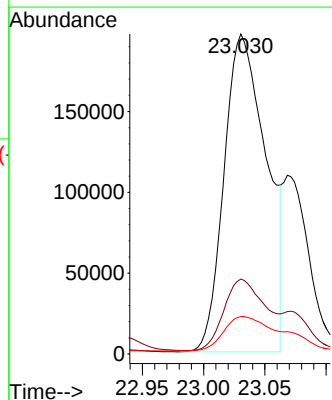
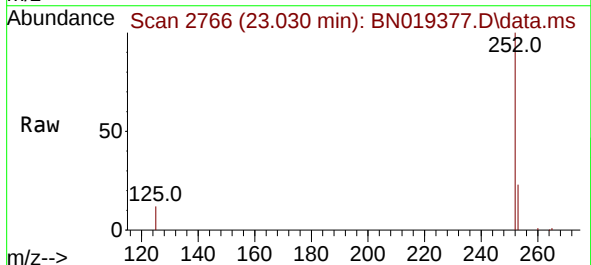
Instrument :
BNA_N
ClientSampleId :
A01040

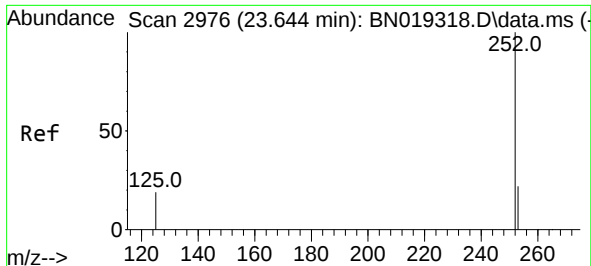
Tgt Ion:276 Resp: 170441
Ion Ratio Lower Upper
276 100
138 21.5 24.5 36.7#
277 23.5 19.8 29.8



#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#





#39

Benzo(a)pyrene

Concen: 0.083 ng

RT: 23.536 min Scan# 2976

Delta R.T. -0.108 min

Lab File: BN019377.D

Acq: 07 Apr 2022 14:44

Instrument :

BN019377.D

ClientSampleId :

A01040

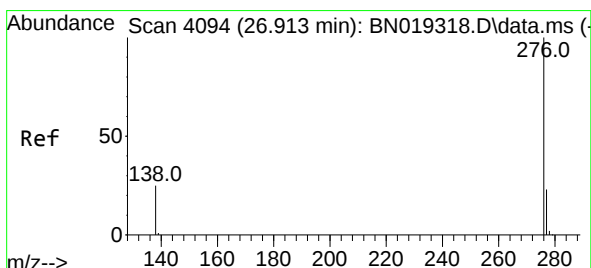
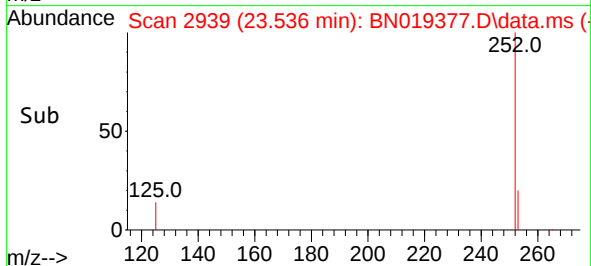
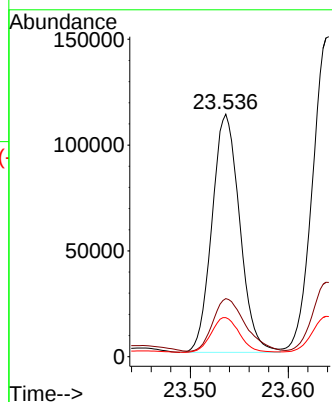
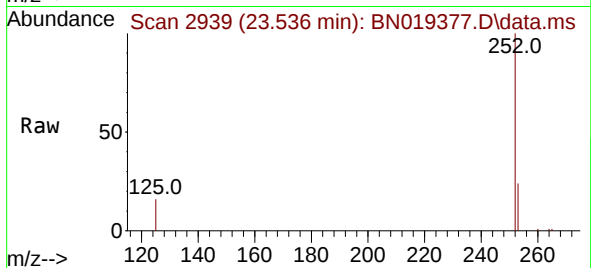
Tgt Ion:252 Resp: 221295

Ion Ratio Lower Upper

252 100

253 24.0 20.1 30.1

125 16.1 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

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

