

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041122\
 Data File : BN019415.D
 Acq On : 11 Apr 2022 16:47
 Operator : CG/JU
 Sample : N2334-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP040522

Quant Time: Apr 12 07:32:38 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)

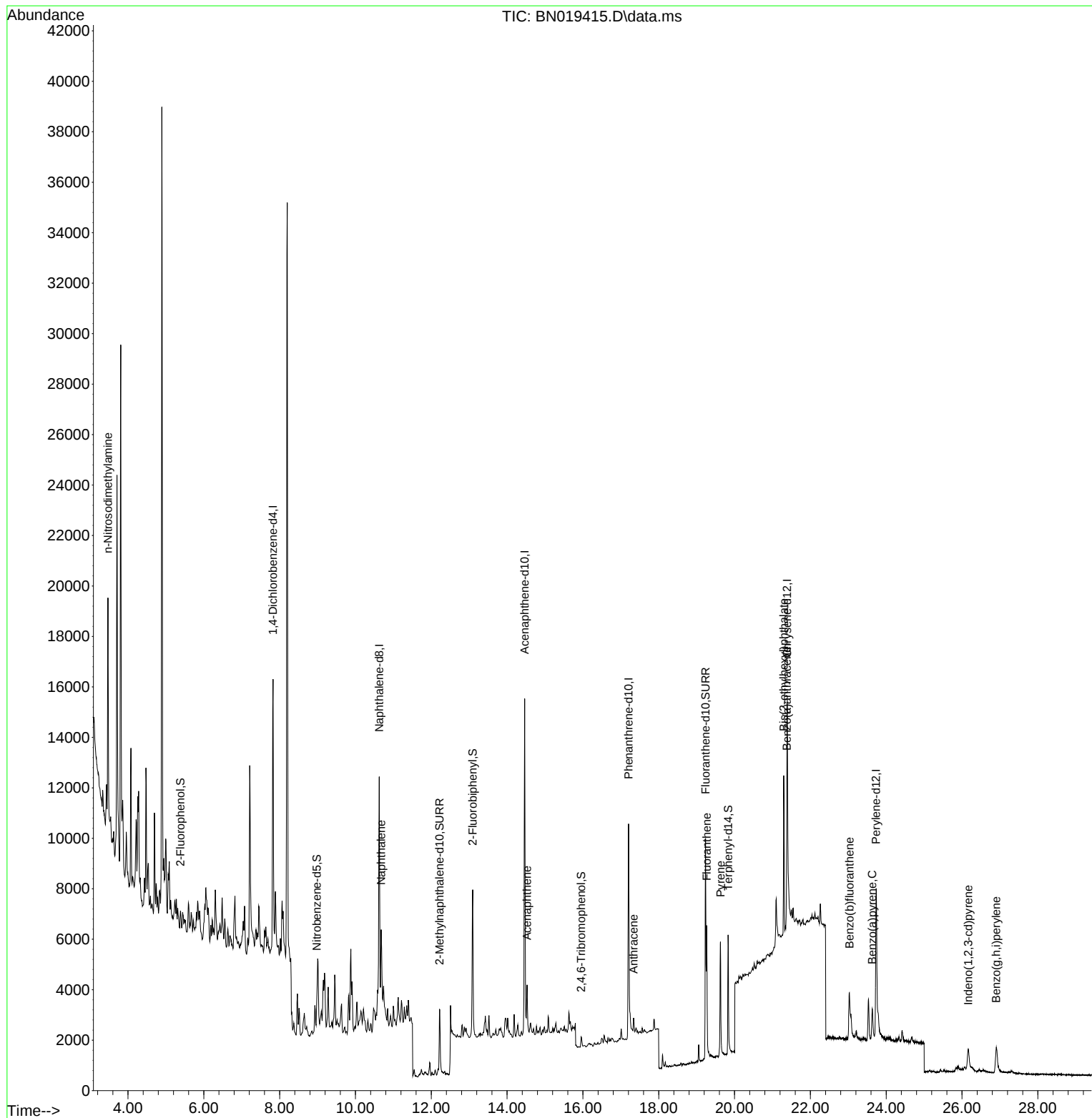
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4990	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	13350	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	7717	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	14079	0.400	ng	0.00
29) Chrysene-d12	21.387	240	10716	0.400	ng	# 0.00
35) Perylene-d12	23.735	264	10098	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	524	0.039	ng	0.00
5) Phenol-d6	7.002	99	241	0.015	ng	0.01
8) Nitrobenzene-d5	8.982	82	1725	0.142	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	4435	0.189	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	272	0.058	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	6072	0.189	ng	0.00
27) Fluoranthene-d10	19.236	212	10840	0.239	ng	0.00
31) Terphenyl-d14	19.830	244	6135	0.263	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.471	42	1090	0.138	ng	# 1
9) Naphthalene	10.680	128	2893	0.073	ng	# 68
17) Acenaphthene	14.527	154	978	0.038	ng	99
26) Anthracene	17.338	178	833	0.020	ng	97
28) Fluoranthene	19.265	202	4823	0.086	ng	99
30) Pyrene	19.628	202	4616	0.093	ng	# 95
32) Benzo(a)anthracene	21.378	228	1533	0.039	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.297	149	5732	0.195	ng	# 100
36) Indeno(1,2,3-cd)pyrene	26.167	276	1918	0.045	ng	# 74
37) Benzo(b)fluoranthene	23.030	252	3316	0.084	ng	# 46
39) Benzo(a)pyrene	23.633	252	2027	0.057	ng	# 35
41) Benzo(g,h,i)perylene	26.904	276	2588	0.066	ng	# 81

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

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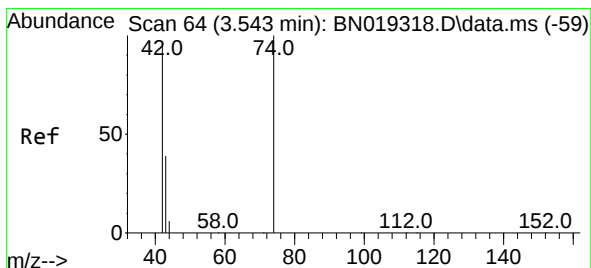
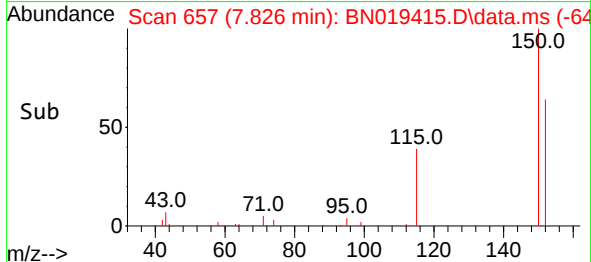
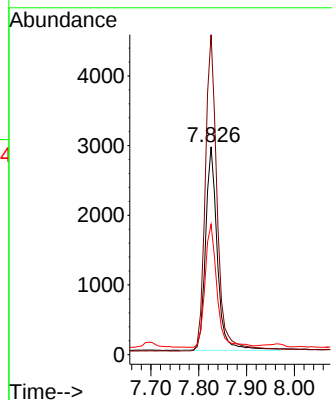
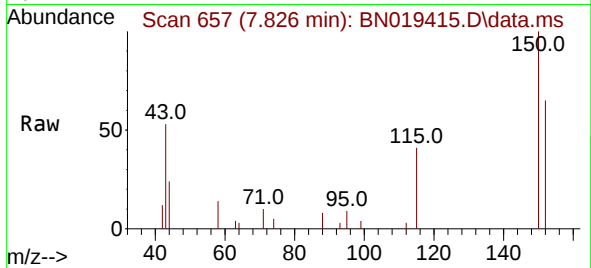




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN019415.D
 Acq: 11 Apr 2022 16:47

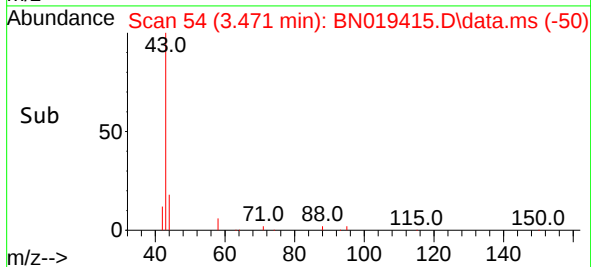
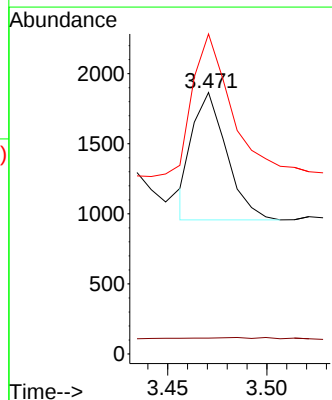
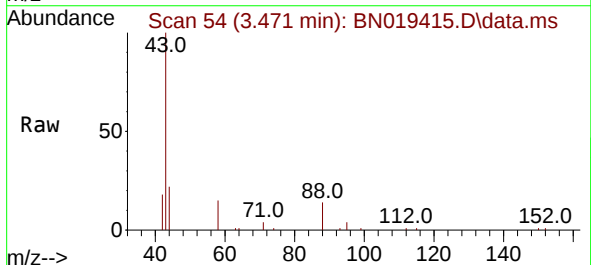
Instrument :
 BNA_N
 ClientSampleId :
 DUP040522

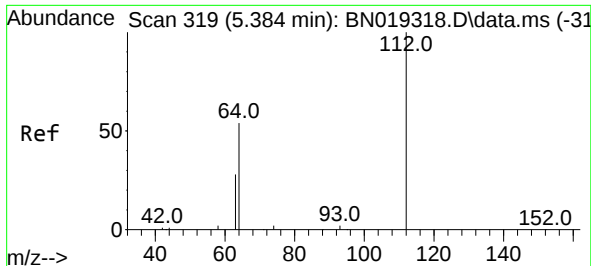
Tgt Ion:152 Resp: 4990
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.9 185.9
 115 62.7 48.2 72.4



#3
 n-Nitrosodimethylamine
 Concen: 0.138 ng
 RT: 3.471 min Scan# 54
 Delta R.T. -0.072 min
 Lab File: BN019415.D
 Acq: 11 Apr 2022 16:47

Tgt Ion: 42 Resp: 1090
 Ion Ratio Lower Upper
 42 100
 74 3.3 96.9 145.3#
 44 151.8 7.3 10.9#





#4

2-Fluorophenol

Concen: 0.039 ng

RT: 5.384 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN019415.D

Acq: 11 Apr 2022 16:47

Instrument :

BNA_N

ClientSampleId :

DUP040522

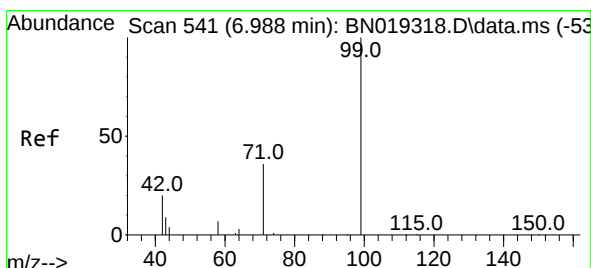
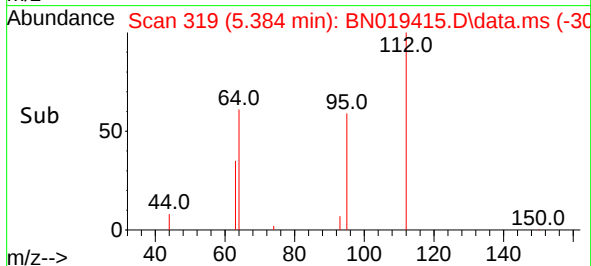
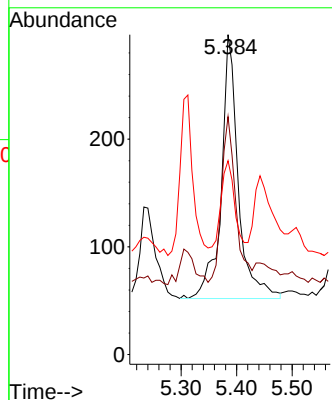
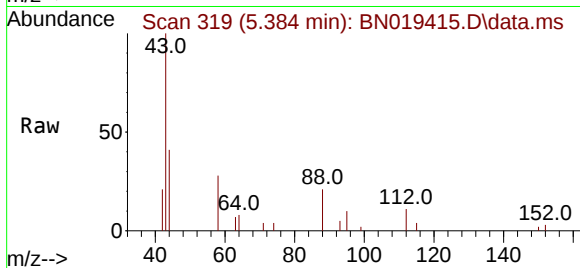
Tgt Ion:112 Resp: 524

Ion Ratio Lower Upper

112 100

64 51.9 47.8 71.8

63 25.0 25.7 38.5#



#5

Phenol-d6

Concen: 0.015 ng

RT: 7.002 min Scan# 543

Delta R.T. 0.015 min

Lab File: BN019415.D

Acq: 11 Apr 2022 16:47

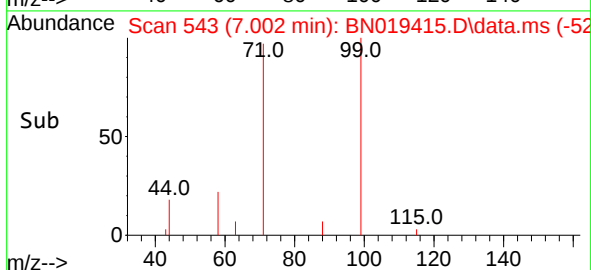
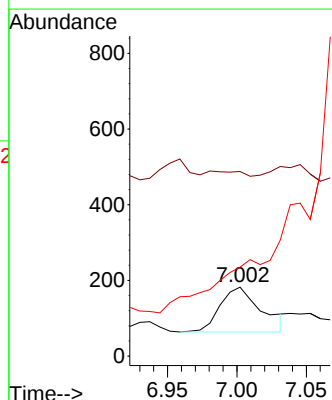
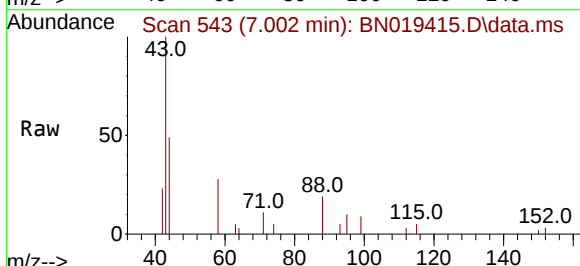
Tgt Ion: 99 Resp: 241

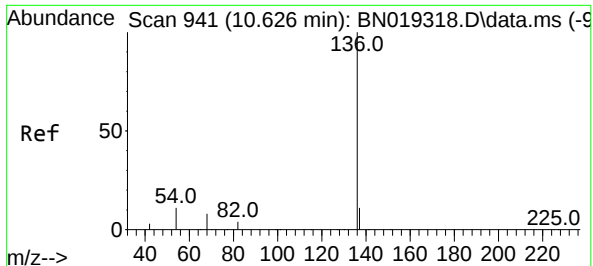
Ion Ratio Lower Upper

99 100

42 0.0 16.2 24.4#

71 0.0 27.7 41.5#

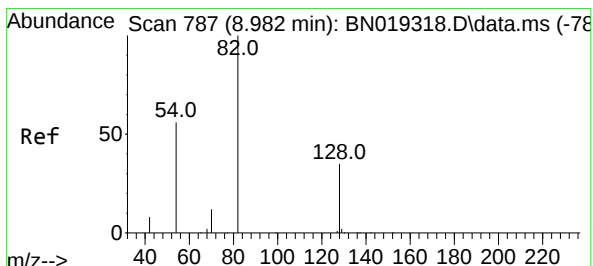
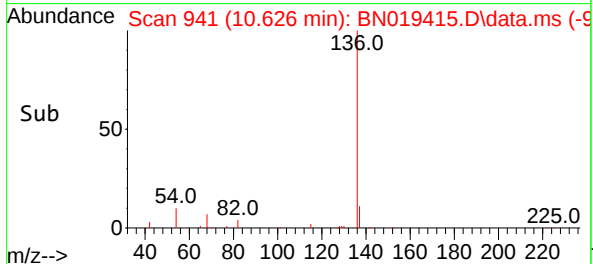
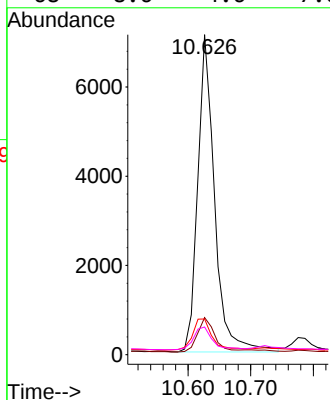
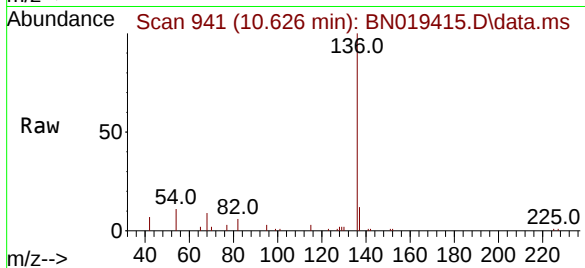




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

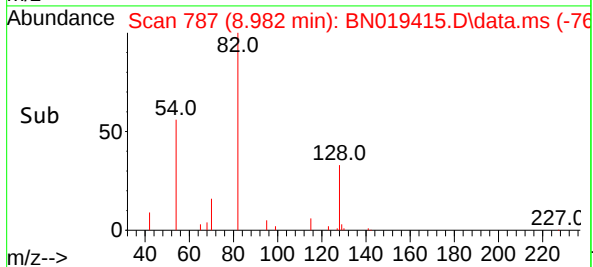
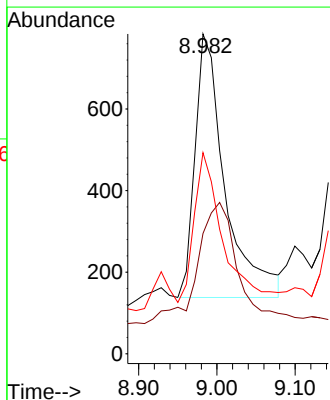
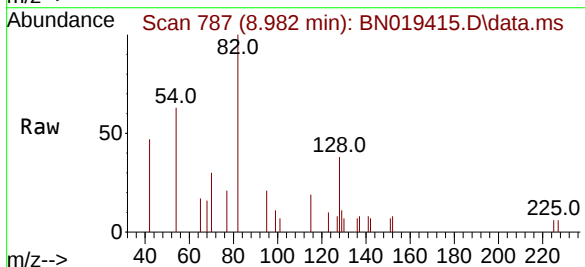
Instrument :
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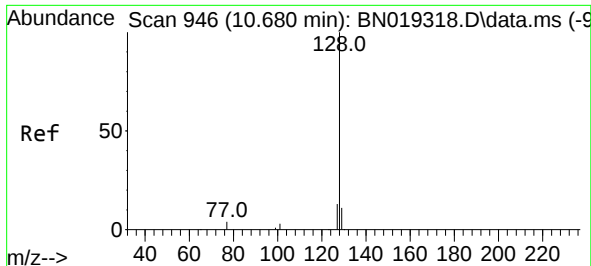
Tgt Ion:	136	Resp:	13350
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	11.1	5.8	8.6#
68	8.6	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.142 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

Tgt Ion:	82	Resp:	1725
Ion Ratio	Lower	Upper	
82	100		
128	37.6	33.0	49.6
54	62.9	42.5	63.7

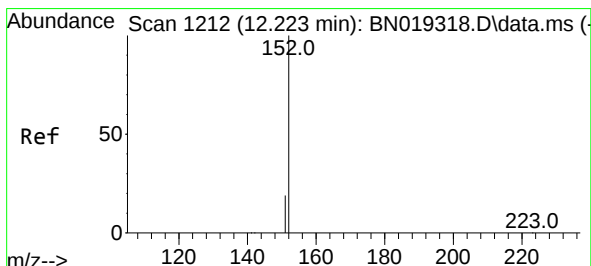
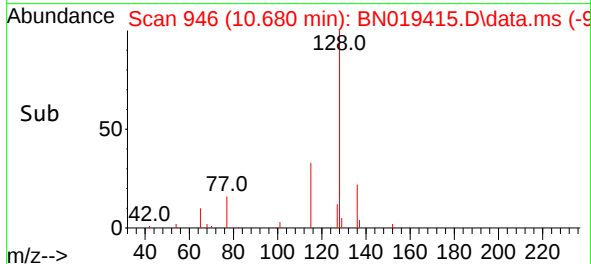
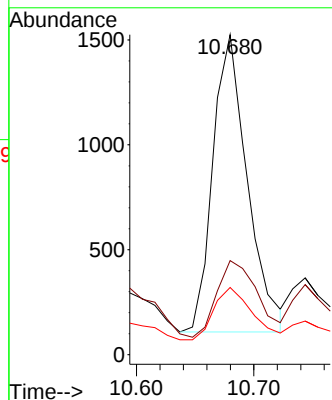
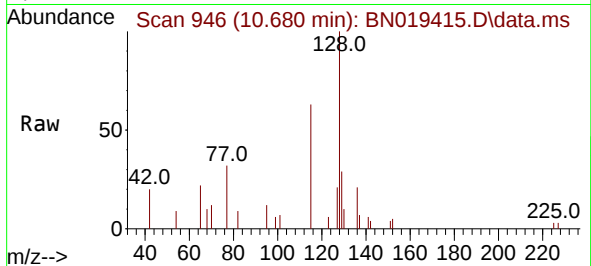




#9
Naphthalene
Concen: 0.073 ng
RT: 10.680 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

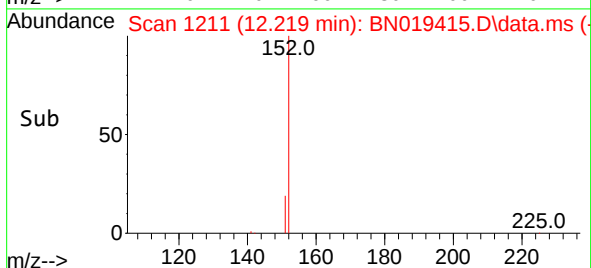
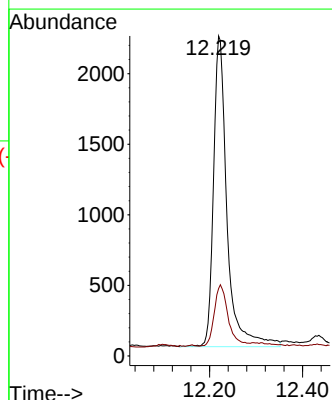
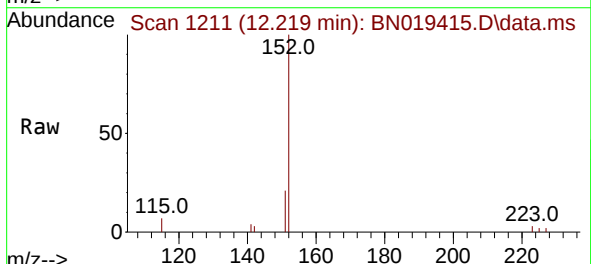
Instrument :
BNA_N
ClientSampleId :
DUP040522

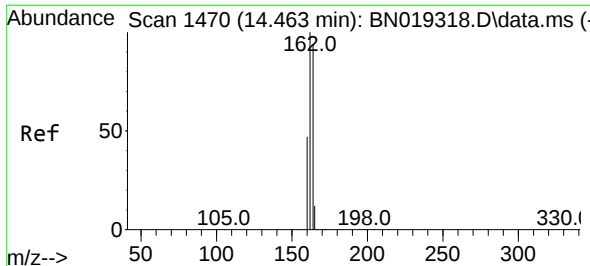
Tgt Ion:128 Resp: 2893
Ion Ratio Lower Upper
128 100
129 29.4 9.0 13.4#
127 21.0 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.189 ng
RT: 12.219 min Scan# 1211
Delta R.T. -0.004 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

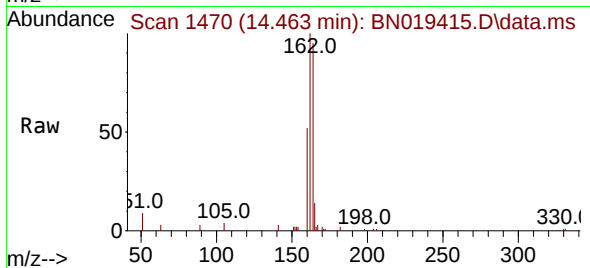
Tgt Ion:152 Resp: 4435
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7



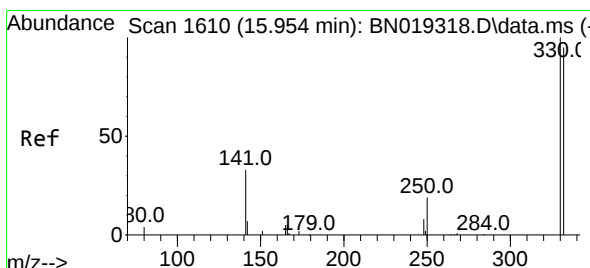
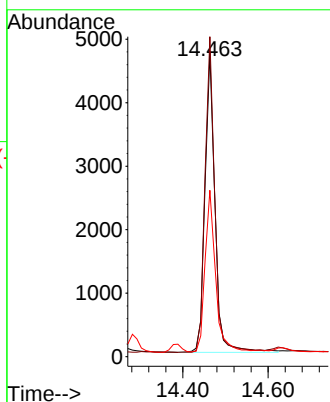
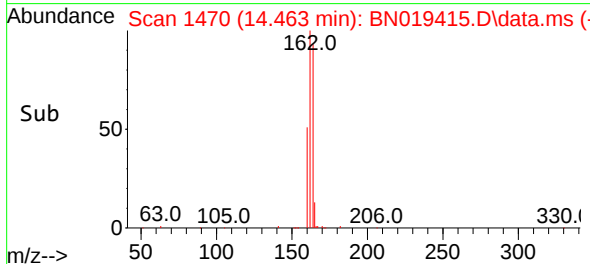


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

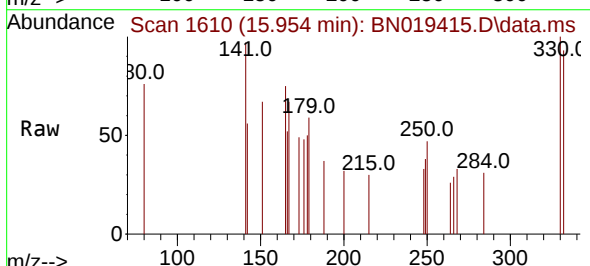
Instrument :
BNA_N
ClientSampleId :
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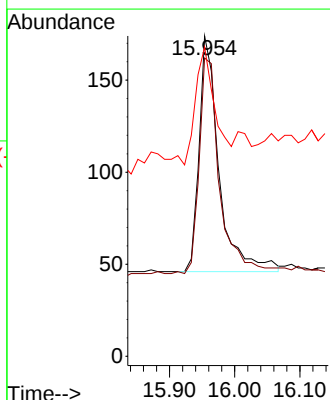
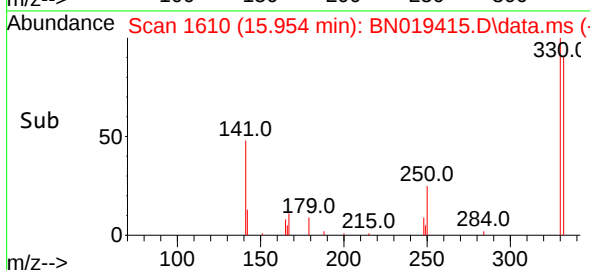
Tgt Ion:164 Resp: 7717
Ion Ratio Lower Upper
164 100
162 105.5 85.2 127.8
160 54.9 41.5 62.3

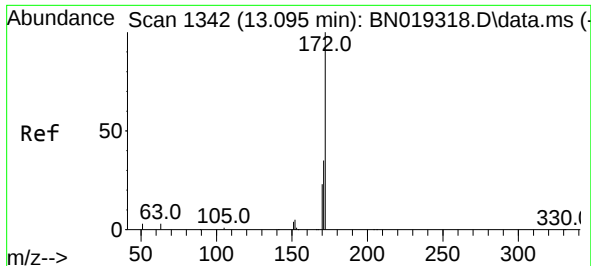


#14
2,4,6-Tribromophenol
Concen: 0.058 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47



Tgt Ion:330 Resp: 272
Ion Ratio Lower Upper
330 100
332 93.8 76.8 115.2
141 43.8 32.2 48.2

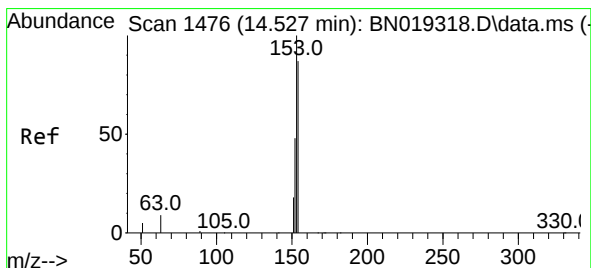
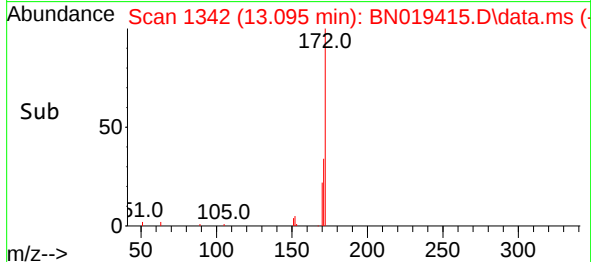
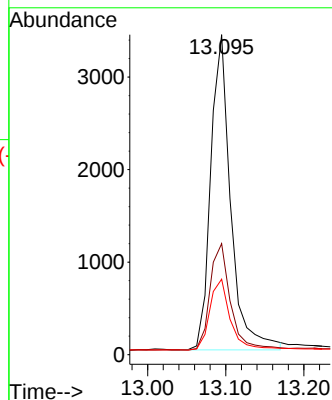
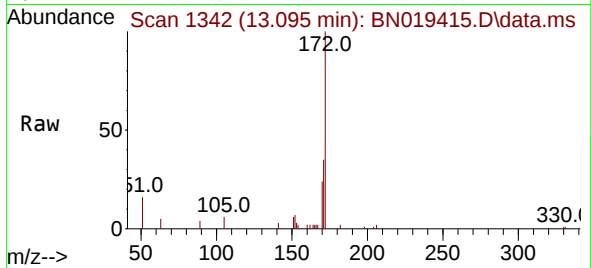




#15
2-Fluorobiphenyl
Concen: 0.189 ng
RT: 13.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

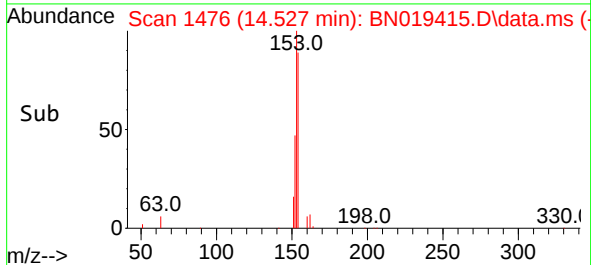
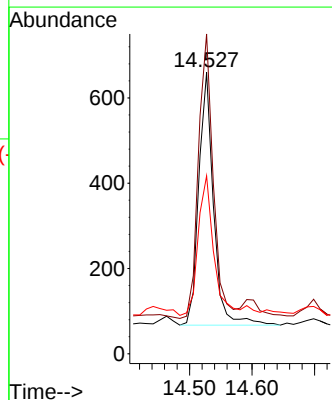
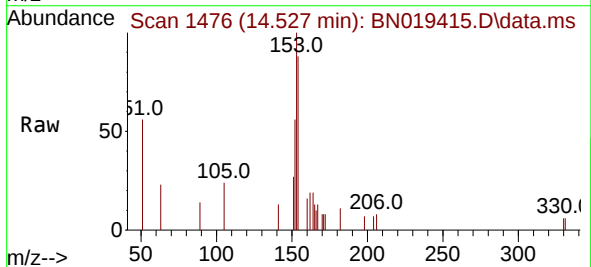
Instrument :
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DUP040522

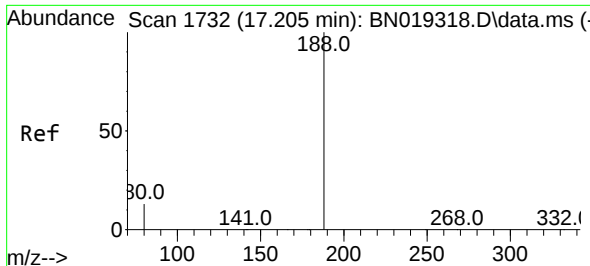
Tgt Ion:172 Resp: 6072
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.6 18.7 28.1



#17
Acenaphthene
Concen: 0.038 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

Tgt Ion:154 Resp: 978
Ion Ratio Lower Upper
154 100
153 111.7 89.7 134.5
152 57.8 44.7 67.1

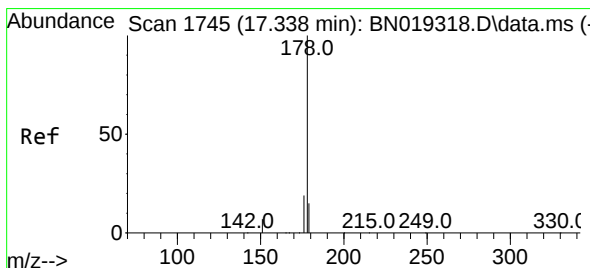
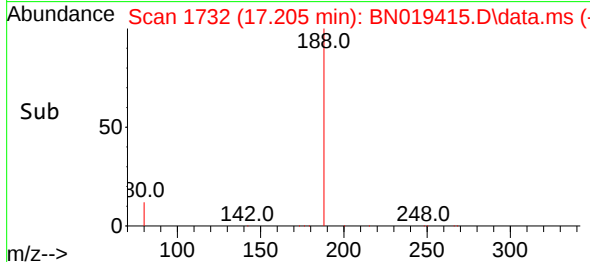
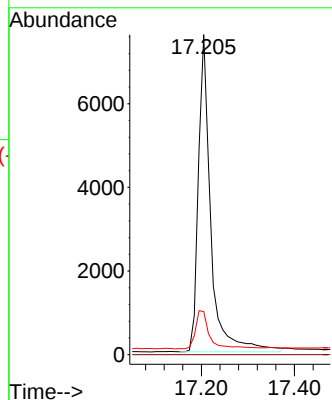
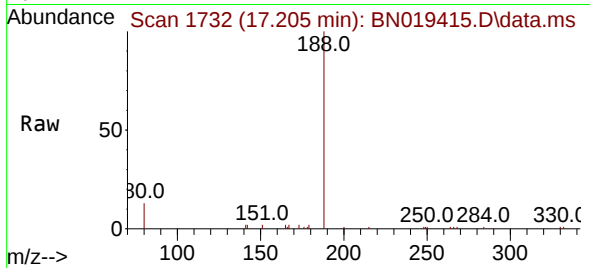




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

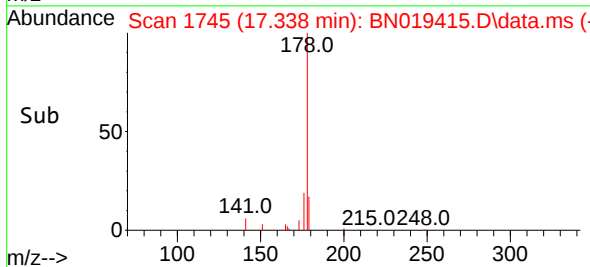
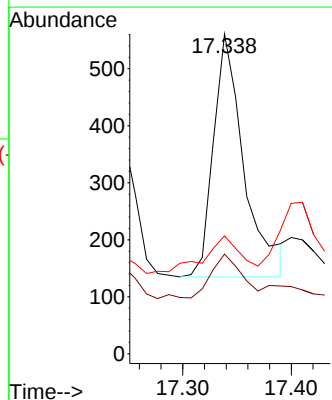
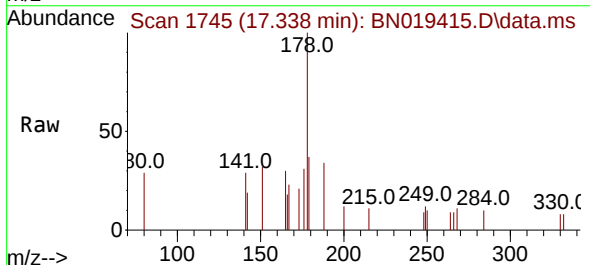
Instrument :
BNA_N
ClientSampleId :
DUP040522

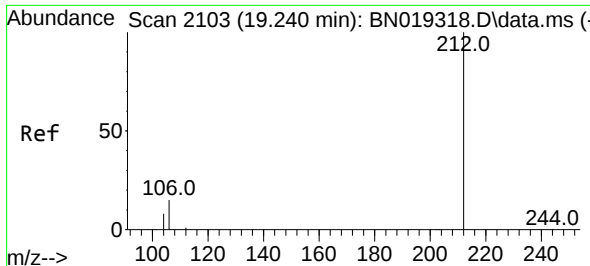
Tgt Ion:188 Resp: 14079
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 11.8 17.8



#26
Anthracene
Concen: 0.020 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

Tgt Ion:178 Resp: 833
Ion Ratio Lower Upper
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176 17.3 14.8 22.2
179 16.4 12.2 18.4

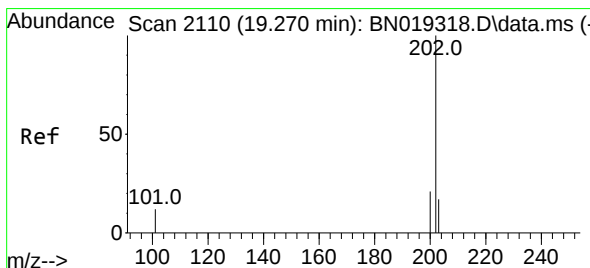
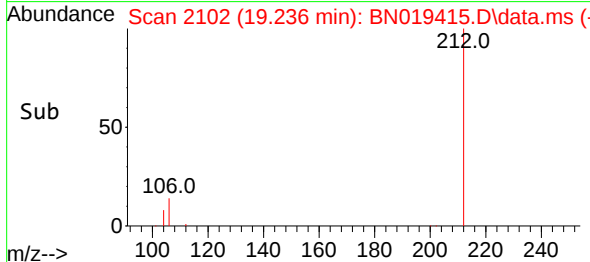
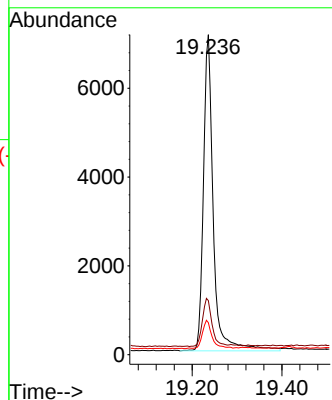
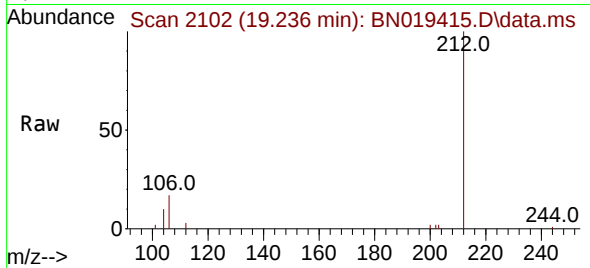




#27
Fluoranthene-d10
Concen: 0.239 ng
RT: 19.236 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

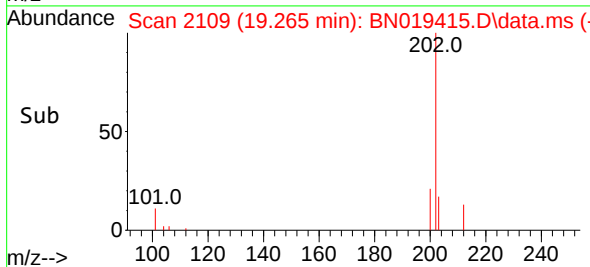
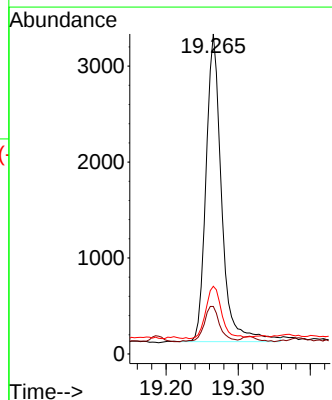
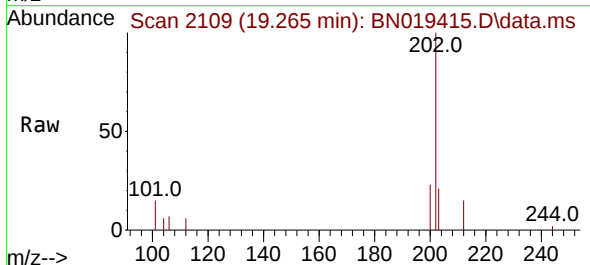
Instrument :
BNA_N
ClientSampleId :
DUP040522

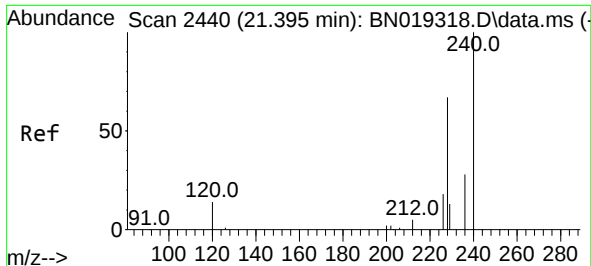
Tgt Ion:212 Resp: 10840
Ion Ratio Lower Upper
212 100
106 14.8 12.7 19.1
104 8.3 7.1 10.7



#28
Fluoranthene
Concen: 0.086 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

Tgt Ion:202 Resp: 4823
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
203 17.1 13.7 20.5

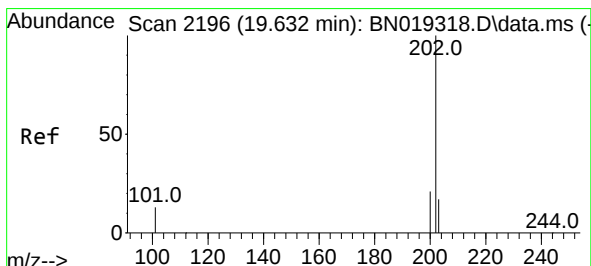
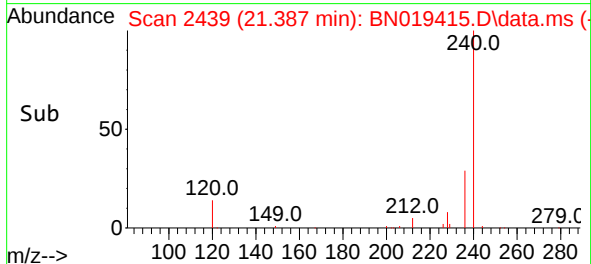
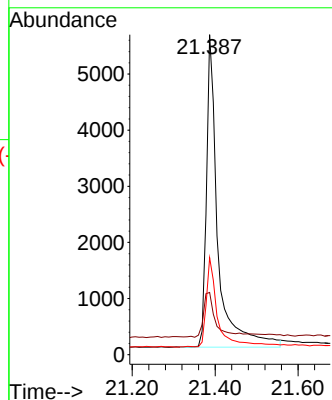
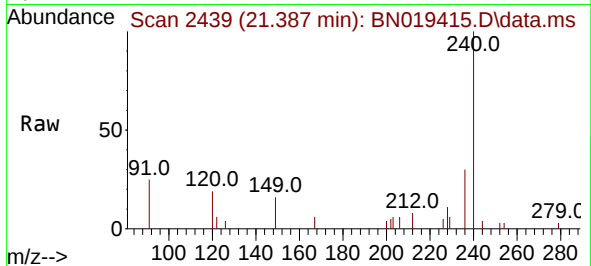




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.387 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

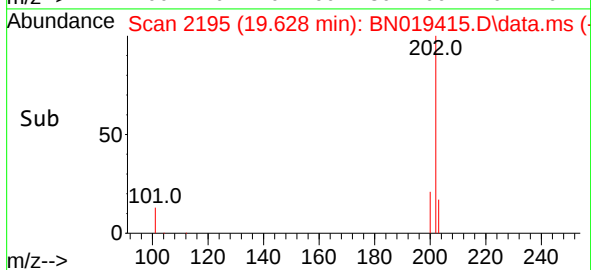
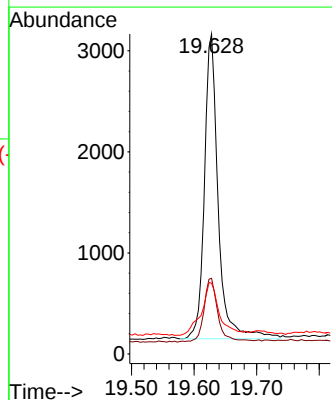
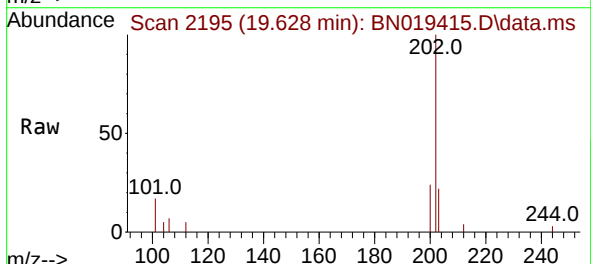
Instrument :
BNA_N
ClientSampleId :
DUP040522

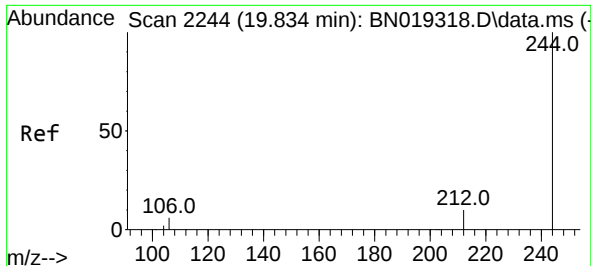
Tgt Ion:240 Resp: 10716
Ion Ratio Lower Upper
240 100
120 19.5 8.5 12.7#
236 30.3 22.4 33.6



#30
Pyrene
Concen: 0.093 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

Tgt Ion:202 Resp: 4616
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 22.3 14.2 21.2#

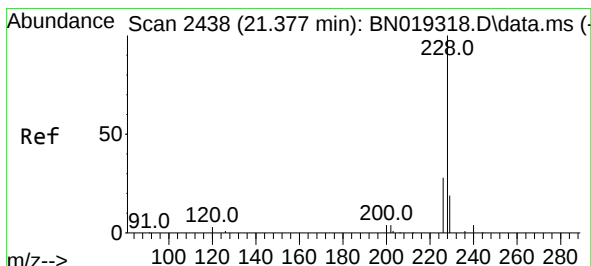
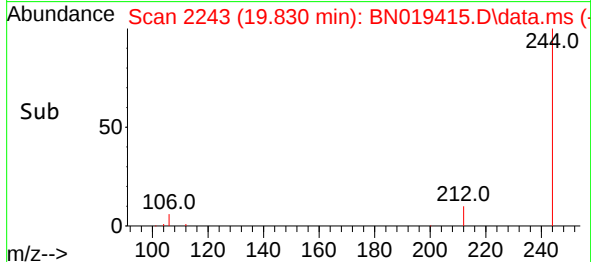
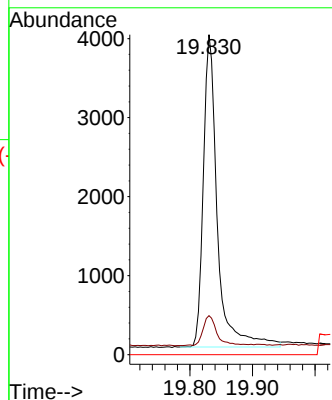
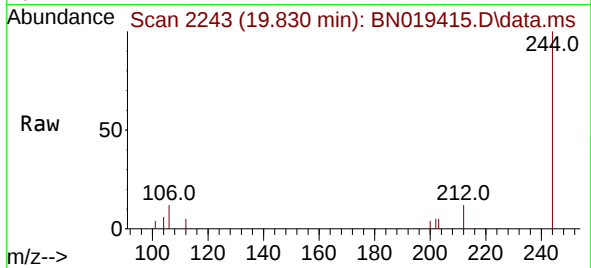




#31
Terphenyl-d14
Concen: 0.263 ng
RT: 19.830 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

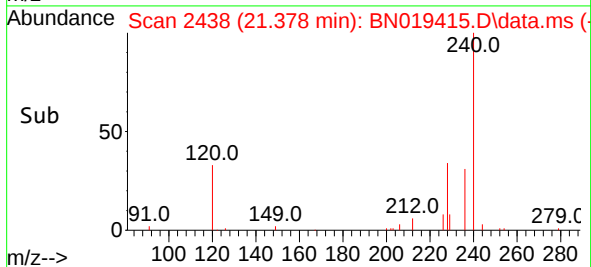
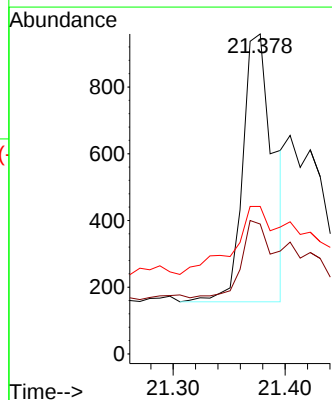
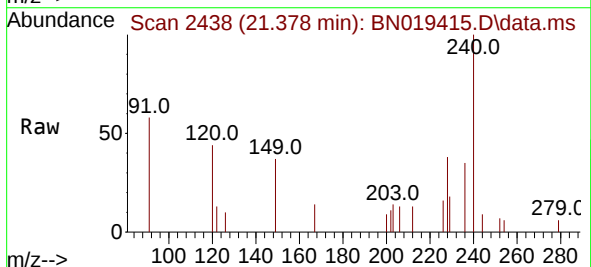
Instrument :
BNA_N
ClientSampleId :
DUP040522

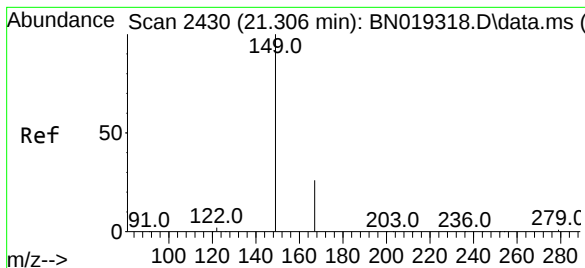
Tgt Ion:244 Resp: 6135
Ion Ratio Lower Upper
244 100
212 12.2 8.2 12.4
122 0.0 0.0 0.0



#32
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.378 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

Tgt Ion:228 Resp: 1533
Ion Ratio Lower Upper
228 100
226 40.6 21.9 32.9#
229 46.1 16.0 24.0#

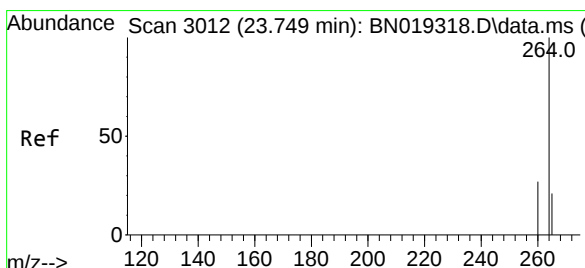
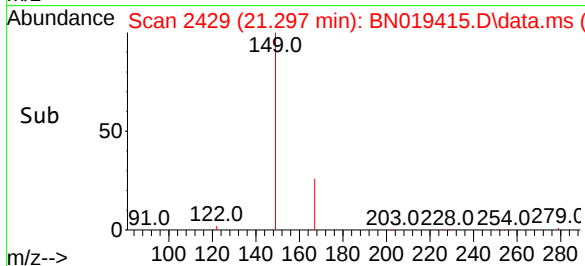
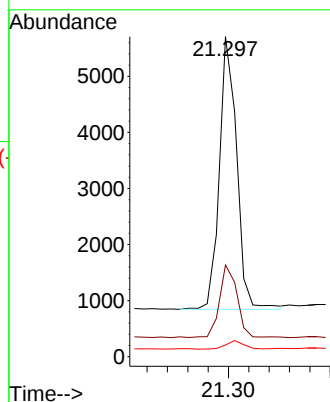
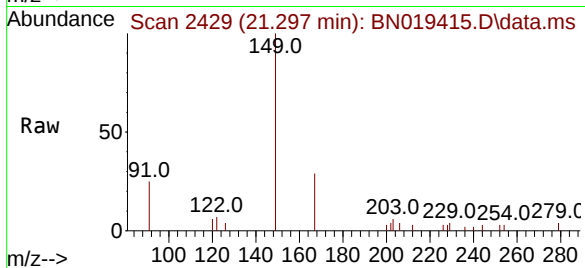




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.195 ng
 RT: 21.297 min Scan# 2430
 Delta R.T. -0.009 min
 Lab File: BN019415.D
 Acq: 11 Apr 2022 16:47

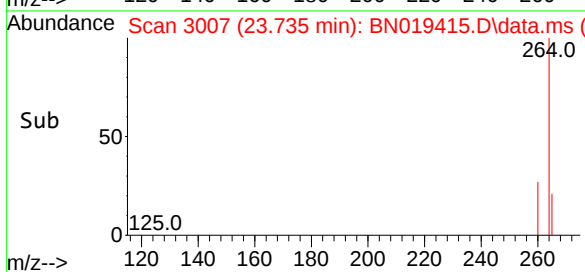
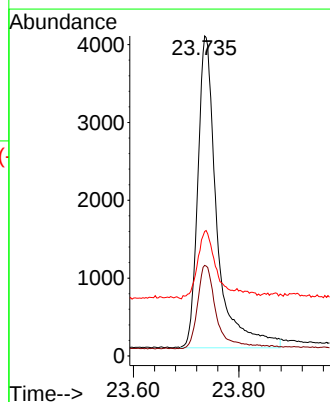
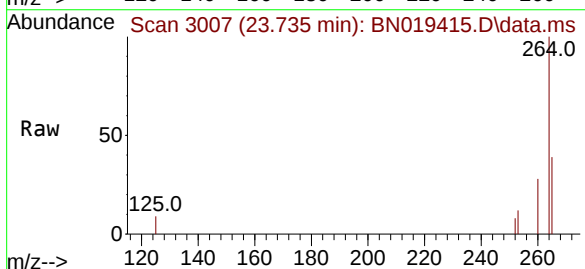
Instrument :
 BNA_N
 ClientSampleId :
 DUP040522

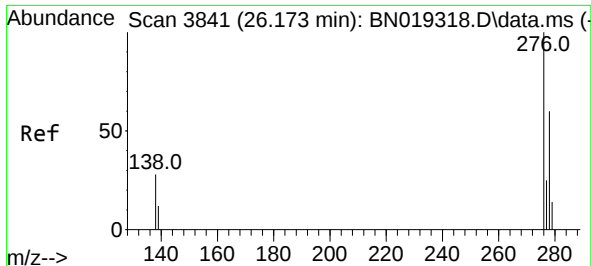
Tgt Ion:149 Resp: 5732
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.8
 279 3.3 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.735 min Scan# 3007
 Delta R.T. -0.014 min
 Lab File: BN019415.D
 Acq: 11 Apr 2022 16:47

Tgt Ion:264 Resp: 10098
 Ion Ratio Lower Upper
 264 100
 260 28.3 22.4 33.6
 265 38.9 25.3 37.9#

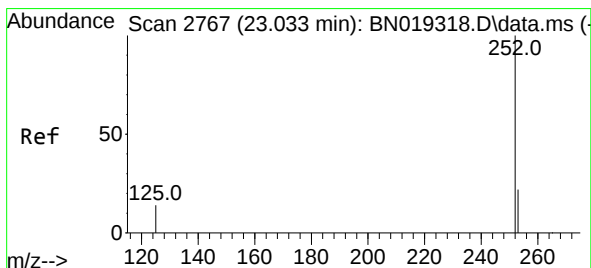
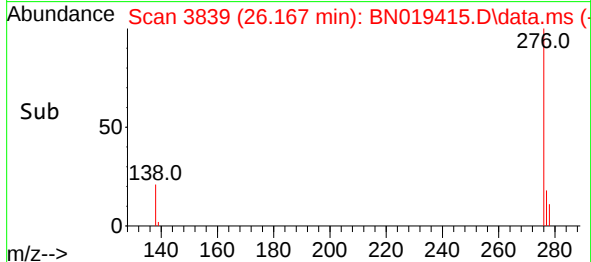
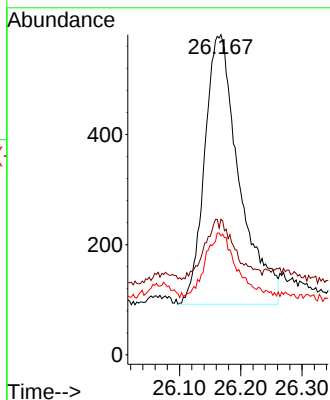
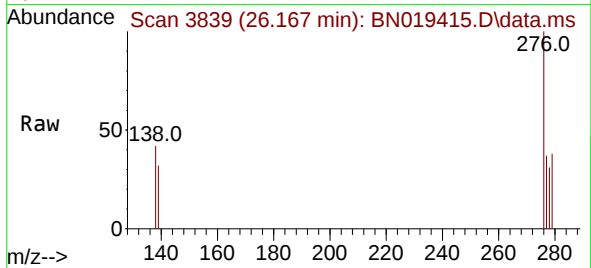




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng
RT: 26.167 min Scan# 3841
Delta R.T. -0.006 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

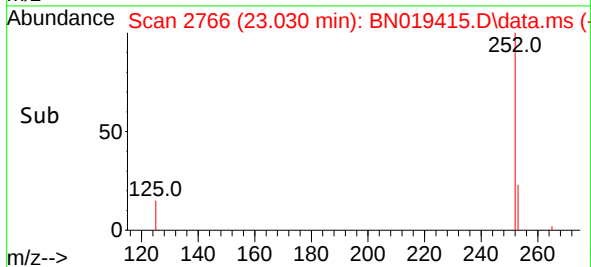
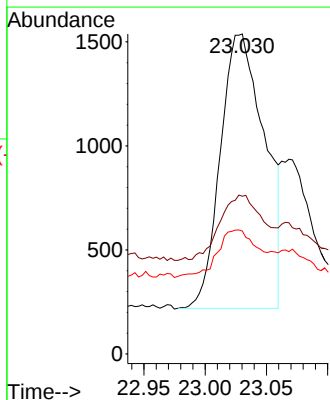
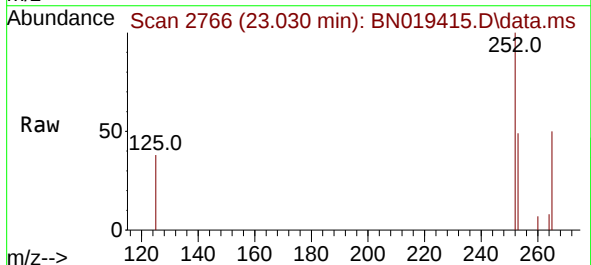
Instrument :
BNA_N
ClientSampleId :
DUP040522

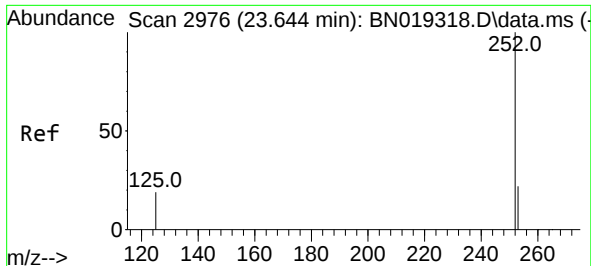
Tgt Ion:276 Resp: 1918
Ion Ratio Lower Upper
276 100
138 9.4 24.5 36.7#
277 20.1 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.084 ng
RT: 23.030 min Scan# 2766
Delta R.T. -0.003 min
Lab File: BN019415.D
Acq: 11 Apr 2022 16:47

Tgt Ion:252 Resp: 3316
Ion Ratio Lower Upper
252 100
253 49.3 18.9 28.3#
125 38.4 12.1 18.1#





#39

Benzo(a)pyrene

Concen: 0.057 ng

RT: 23.633 min Scan# 2972

Delta R.T. -0.012 min

Lab File: BN019415.D

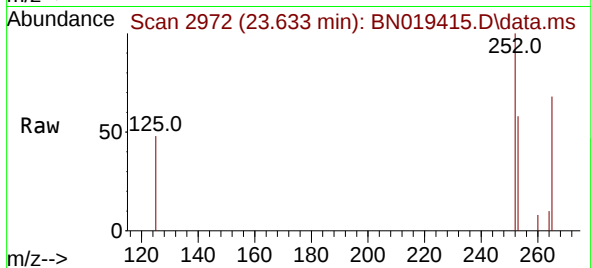
Acq: 11 Apr 2022 16:47

Instrument :

BNA_N

ClientSampleId :

DUP040522



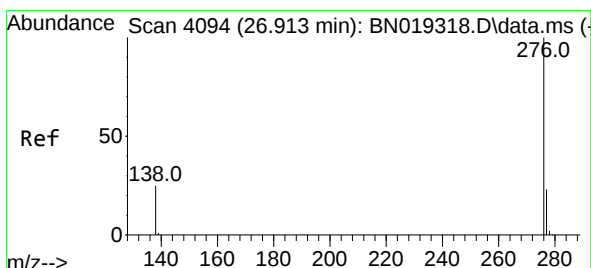
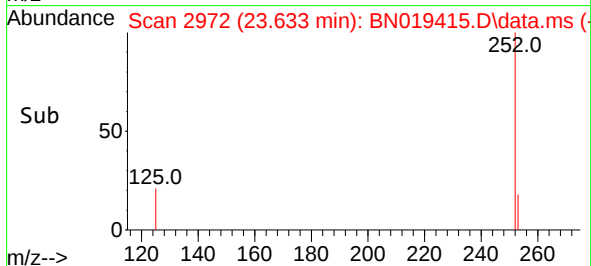
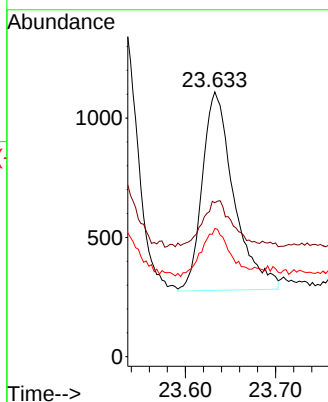
Tgt Ion:252 Resp: 2027

Ion Ratio Lower Upper

252 100

253 58.1 20.1 30.1#

125 48.4 15.2 22.8#



#41

Benzo(g,h,i)perylene

Concen: 0.066 ng

RT: 26.904 min Scan# 4091

Delta R.T. -0.009 min

Lab File: BN019415.D

Acq: 11 Apr 2022 16:47

Tgt Ion:276 Resp: 2588

Ion Ratio Lower Upper

276 100

277 32.2 19.4 29.0#

138 37.6 21.0 31.6#

