

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019171.D
 Acq On : 26 Mar 2022 00:09
 Operator : CG/JU
 Sample : N2090-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-62

Quant Time: Mar 26 04:23:07 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

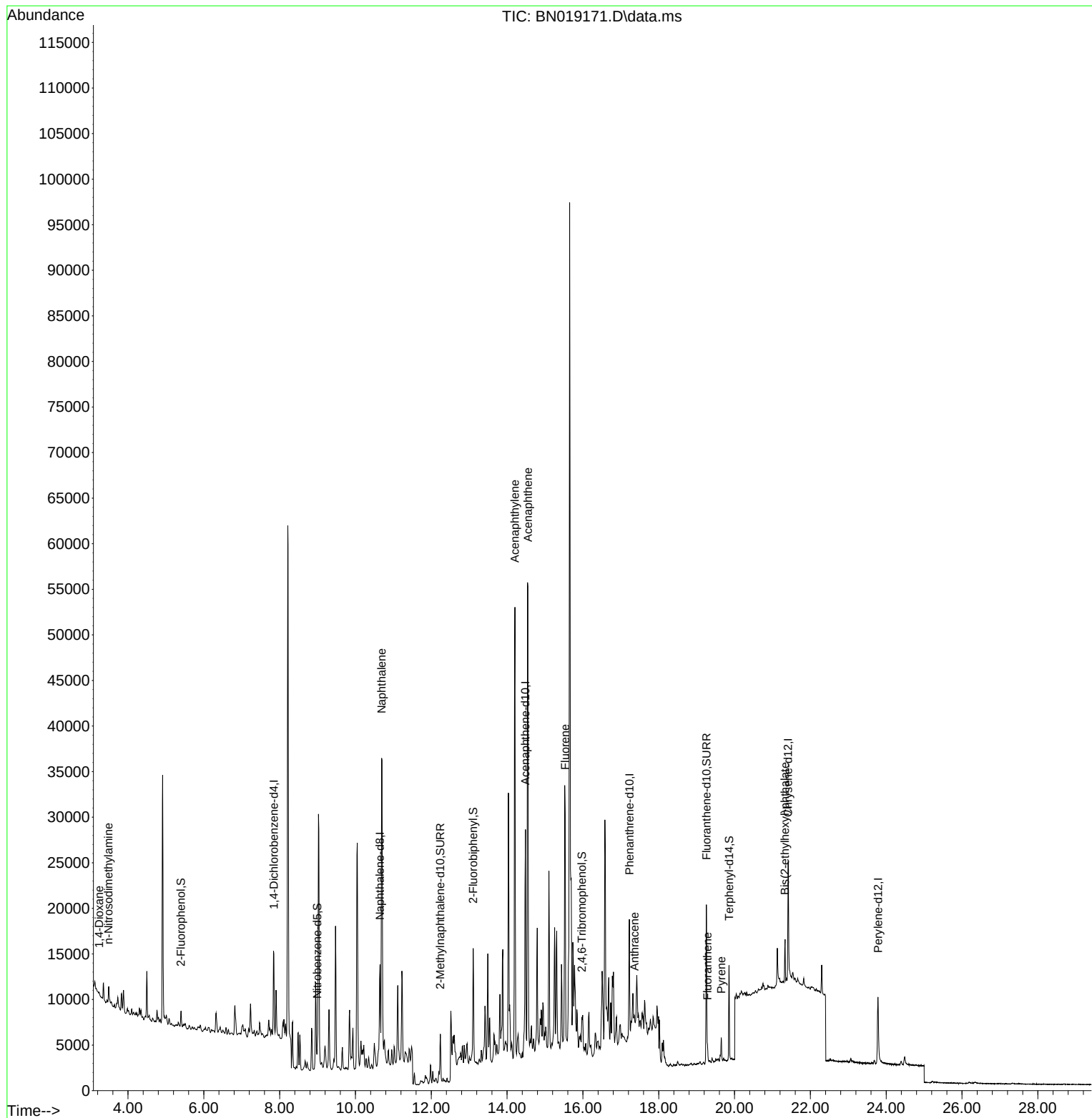
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	4559	0.400	ng	0.00
7) Naphthalene-d8	10.647	136	13462	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	10361	0.400	ng	# 0.00
19) Phenanthrene-d10	17.225	188	16385	0.400	ng	0.00
29) Chrysene-d12	21.413	240	12946	0.400	ng	# 0.00
35) Perylene-d12	23.784	264	11596	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	1556	0.144	ng	0.00
5) Phenol-d6	6.951	99	105	0.009	ng	-0.05
8) Nitrobenzene-d5	8.992	82	2893	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	7429	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1609	0.319	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11298	0.259	ng	0.00
27) Fluoranthene-d10	19.256	212	19365	0.404	ng	0.00
31) Terphenyl-d14	19.855	244	11547	0.400	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	141	0.023	ng	# 53
3) n-Nitrosodimethylamine	3.485	42	303	0.045	ng	# 1
9) Naphthalene	10.690	128	41519	1.095	ng	97
16) Acenaphthylene	14.206	152	6328	0.134	ng	# 4
17) Acenaphthene	14.548	154	28347	0.846	ng	99
18) Fluorene	15.532	166	15598	0.366	ng	# 96
26) Anthracene	17.358	178	2893	0.066	ng	# 71
28) Fluoranthene	19.286	202	1404	0.024	ng	95
30) Pyrene	19.649	202	2253	0.037	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.332	149	4553	0.180	ng	# 98

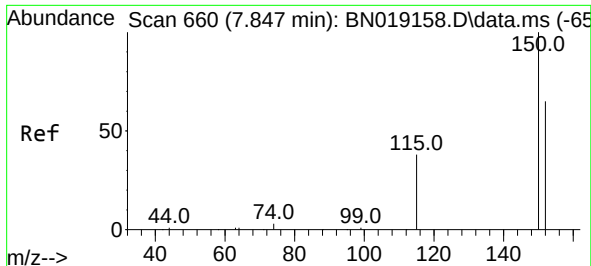
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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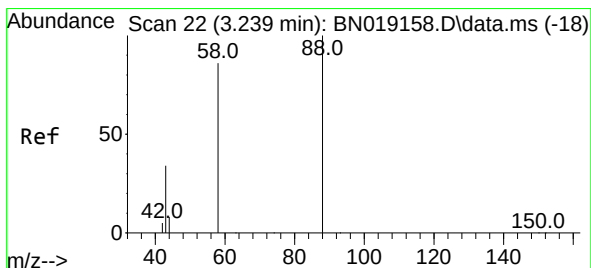
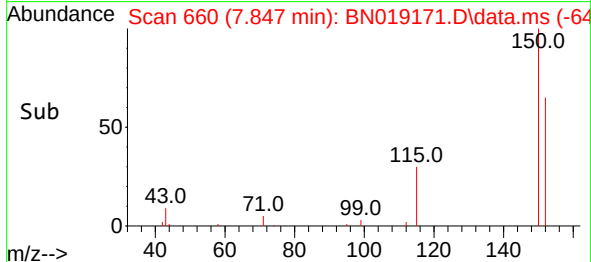
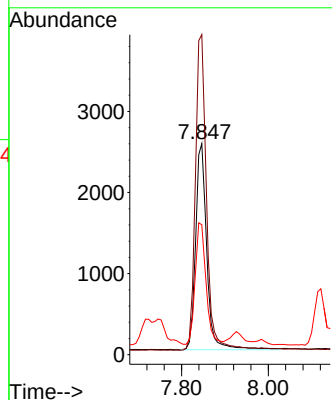
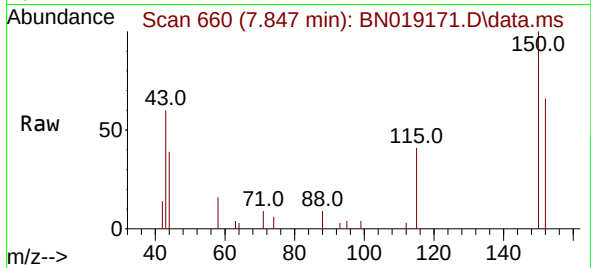




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.847 min Scan# 660
 Delta R.T. -0.000 min
 Lab File: BN019171.D
 Acq: 26 Mar 2022 00:09

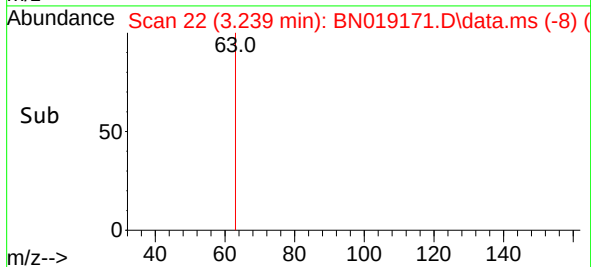
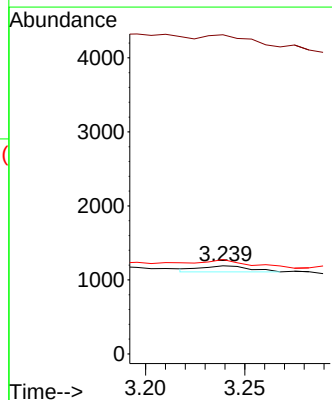
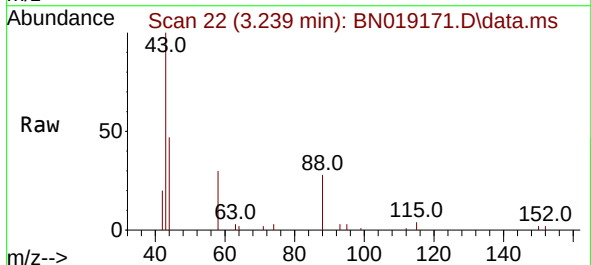
Instrument :
 BNA_N
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 MW-62

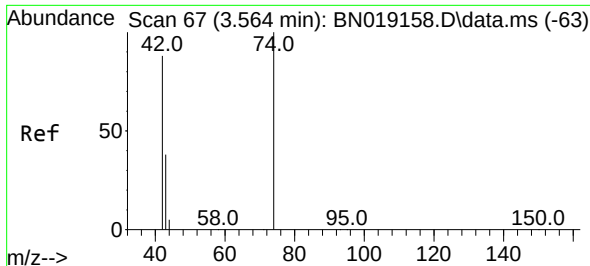
Tgt Ion:152 Resp: 4559
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.9 185.9
 115 61.6 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.023 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN019171.D
 Acq: 26 Mar 2022 00:09

Tgt Ion: 88 Resp: 141
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.6 37.0#
 58 121.3 65.4 98.2#

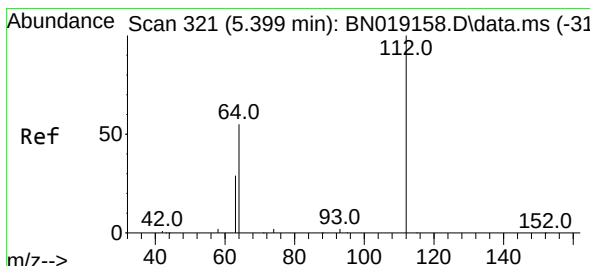
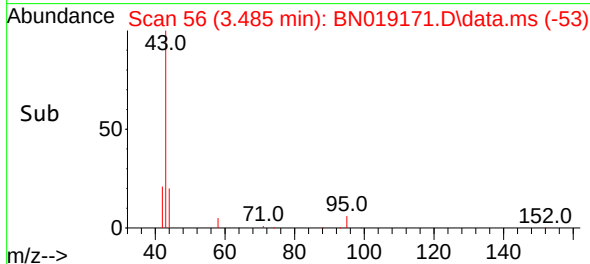
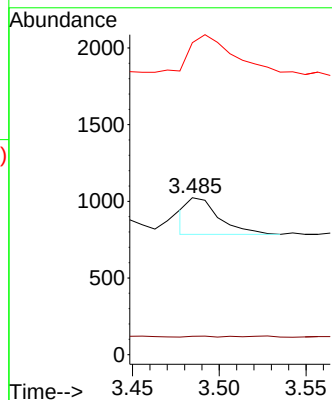
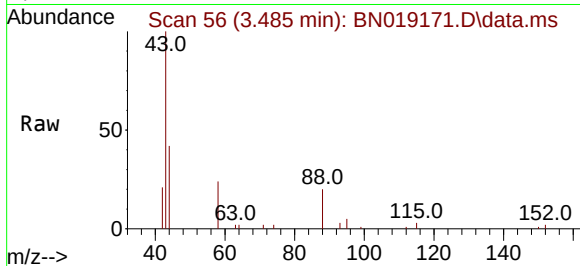




#3
 n-Nitrosodimethylamine
 Concen: 0.045 ng
 RT: 3.485 min Scan# 50
 Delta R.T. -0.080 min
 Lab File: BN019171.D
 Acq: 26 Mar 2022 00:09

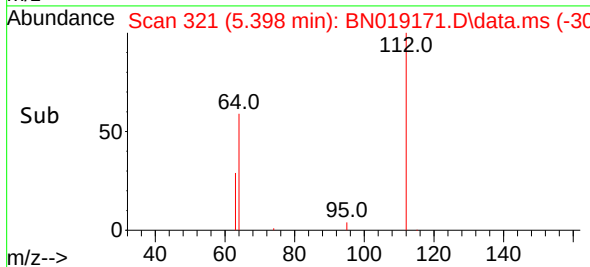
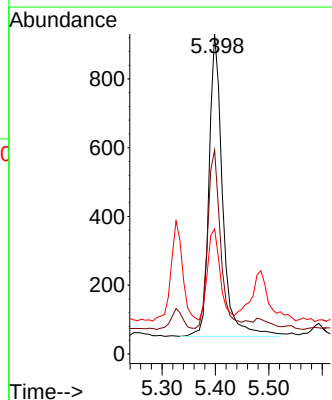
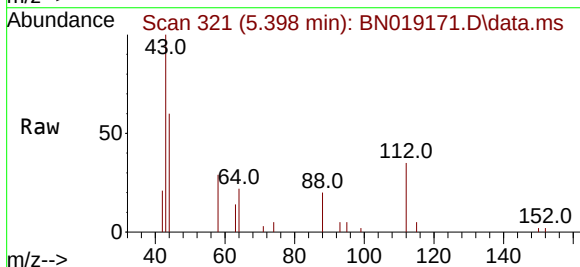
Instrument :
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 ClientSampleId :
 MW-62

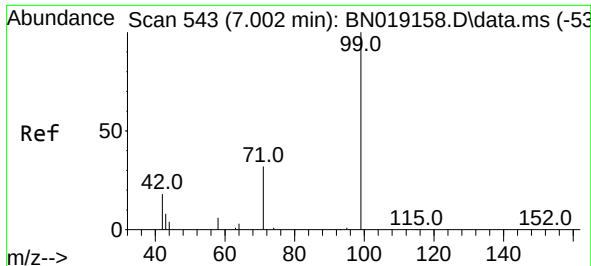
Tgt Ion: 42 Resp: 303
 Ion Ratio Lower Upper
 42 100
 74 2.0 96.9 145.3#
 44 216.2 7.3 10.9#



#4
 2-Fluorophenol
 Concen: 0.144 ng
 RT: 5.398 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: BN019171.D
 Acq: 26 Mar 2022 00:09

Tgt Ion: 112 Resp: 1556
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.8 71.8
 63 28.0 25.7 38.5

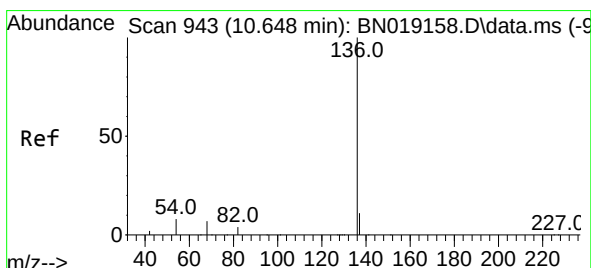
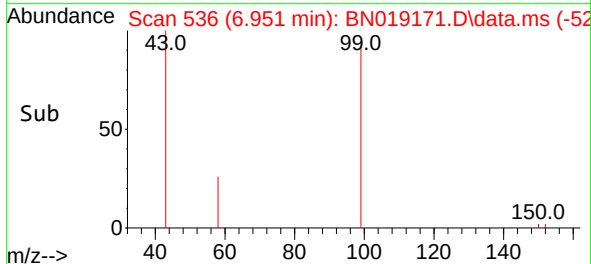
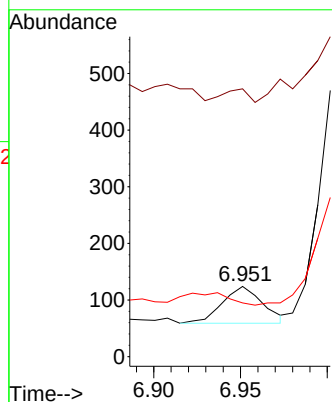
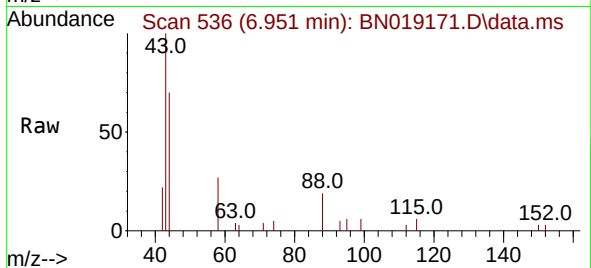




#5
Phenol-d6
Concen: 0.009 ng
RT: 6.951 min Scan# 51
Delta R.T. -0.051 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

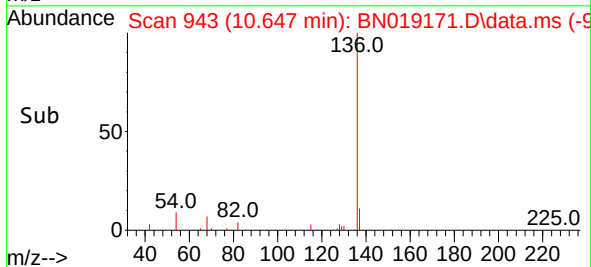
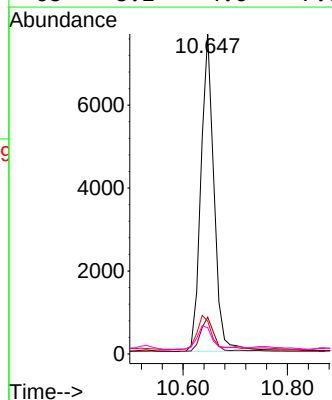
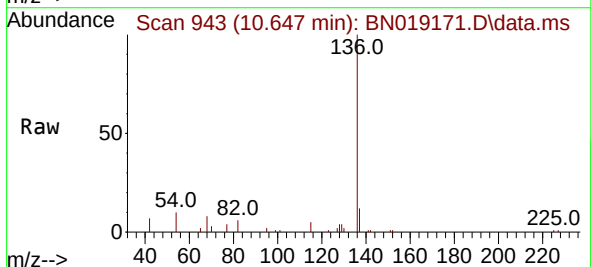
Instrument :
BNA_N
ClientSampleId :
MW-62

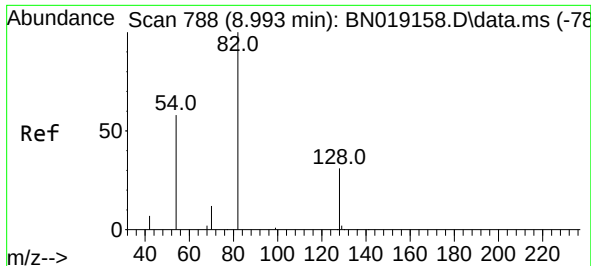
Tgt Ion: 99 Resp: 105
Ion Ratio Lower Upper
99 100
42 21.9 16.2 24.4
71 31.4 27.7 41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

Tgt Ion: 136 Resp: 13462
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 10.2 5.8 8.6#
68 8.2 4.6 7.0#

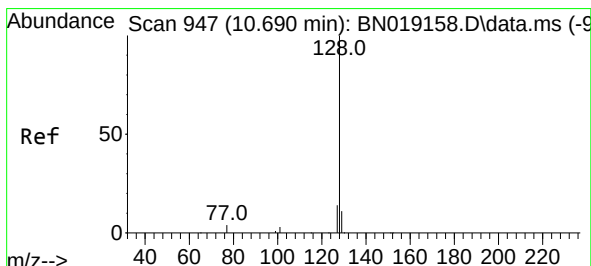
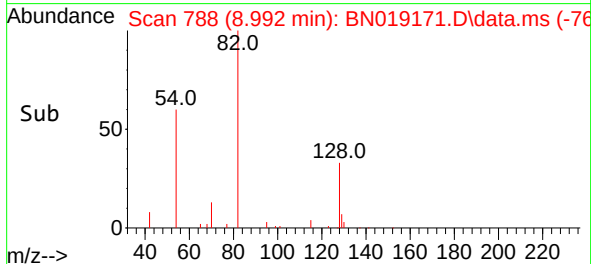
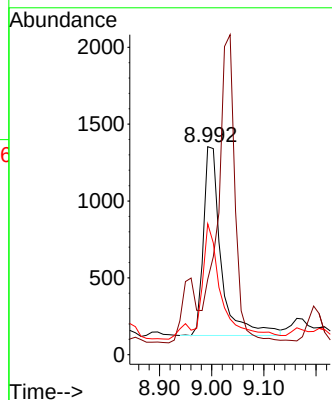
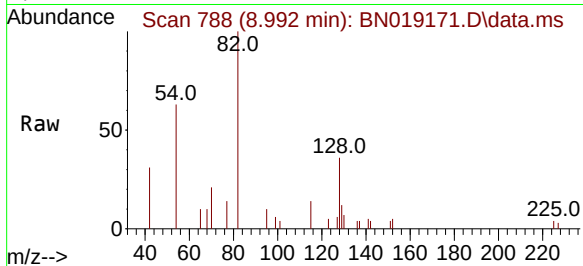




#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.992 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

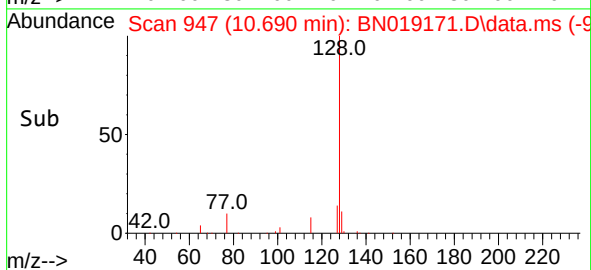
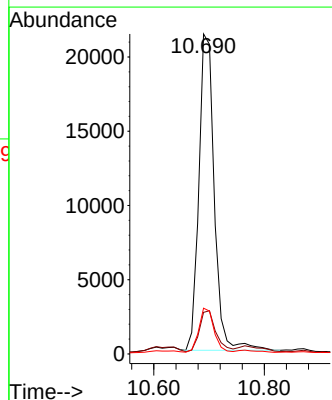
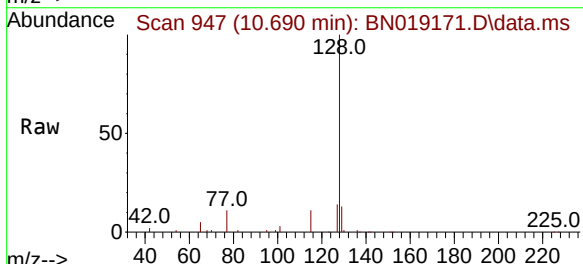
Instrument :
BNA_N
ClientSampleId :
MW-62

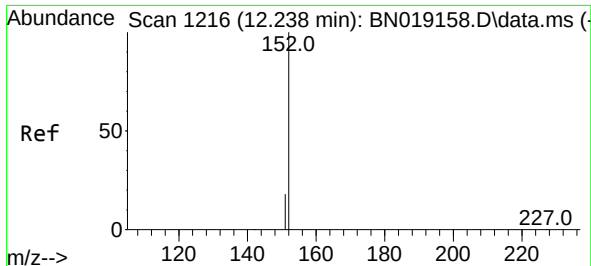
Tgt Ion: 82 Resp: 2893
Ion Ratio Lower Upper
82 100
128 36.3 33.0 49.6
54 62.9 42.5 63.7



#9
Naphthalene
Concen: 1.095 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

Tgt Ion: 128 Resp: 41519
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.4
127 14.3 10.7 16.1

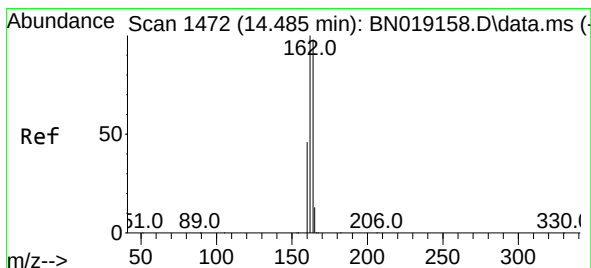
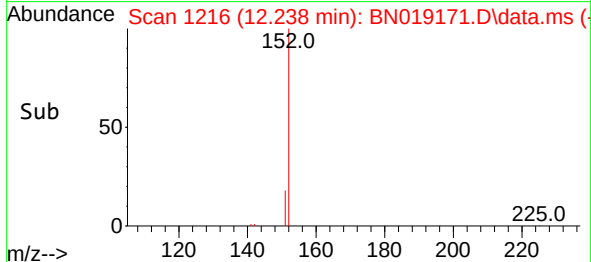
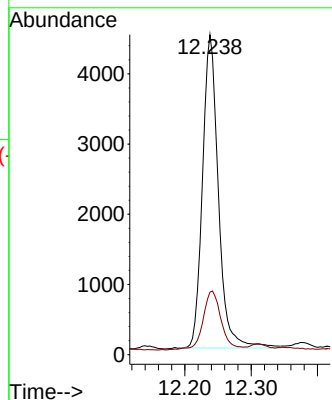
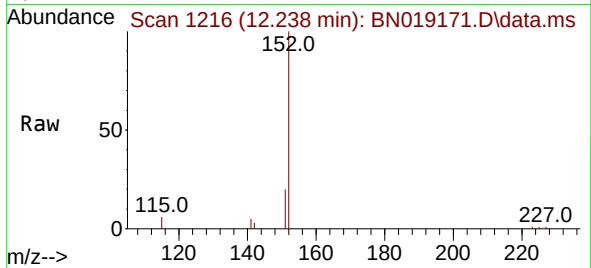




#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

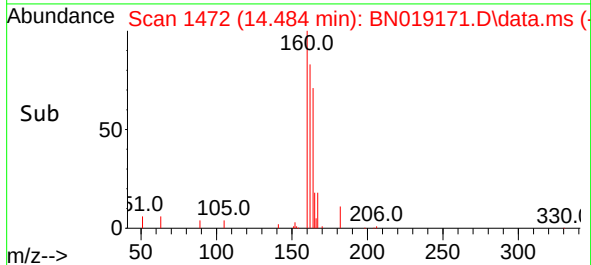
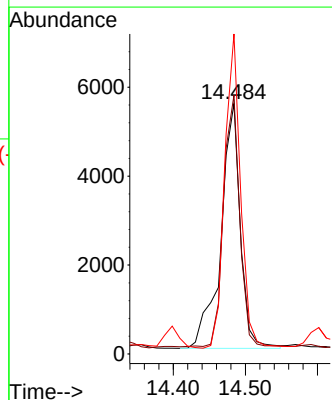
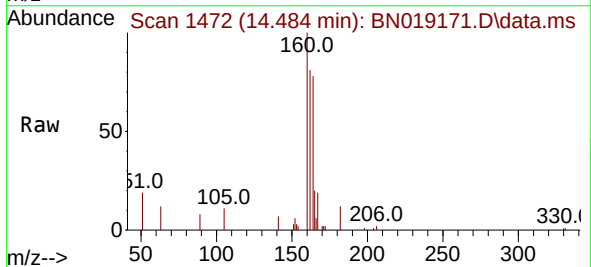
Instrument :
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ClientSampleId :
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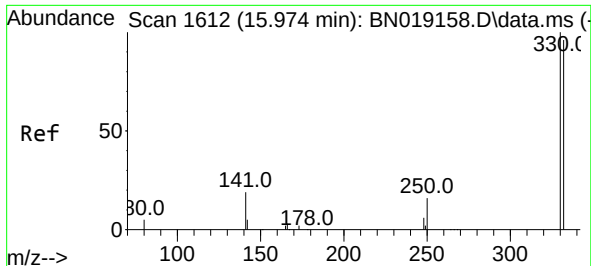
Tgt Ion:152 Resp: 7429
Ion Ratio Lower Upper
152 100
151 21.5 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

Tgt Ion:164 Resp: 10361
Ion Ratio Lower Upper
164 100
162 103.4 85.2 127.8
160 127.8 41.5 62.3#

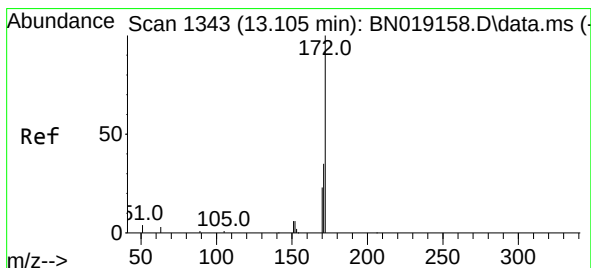
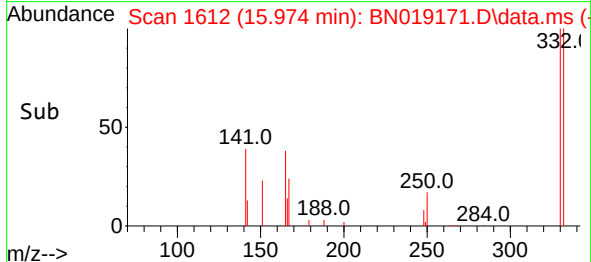
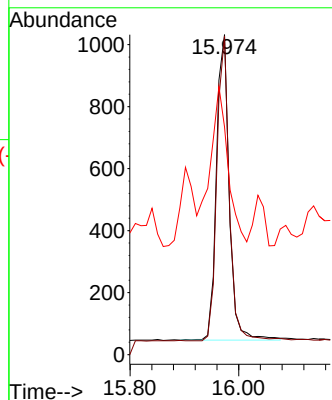
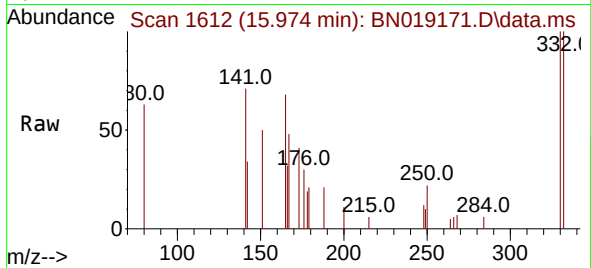




#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

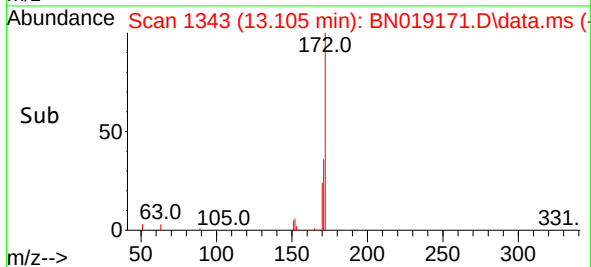
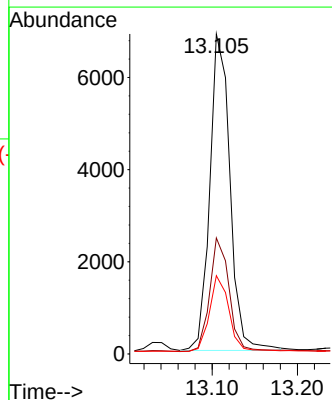
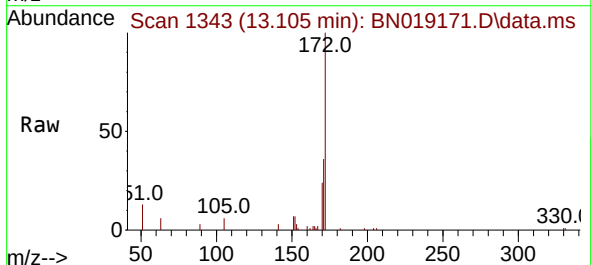
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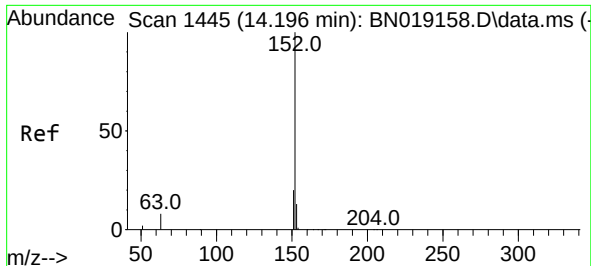
Tgt Ion: 330 Resp: 1609
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 68.7 32.2 48.2#



#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

Tgt Ion: 172 Resp: 11298
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 24.5 18.7 28.1

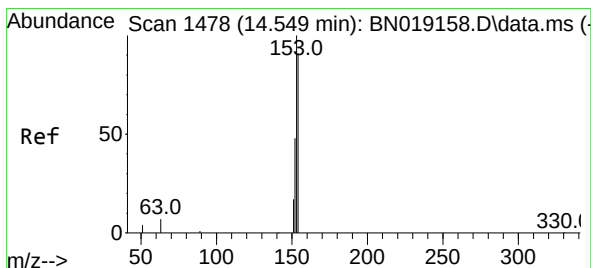
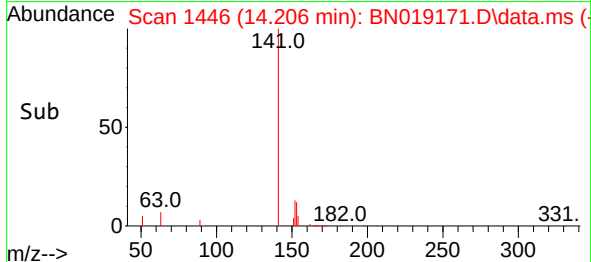
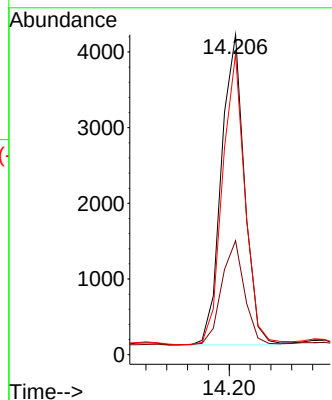
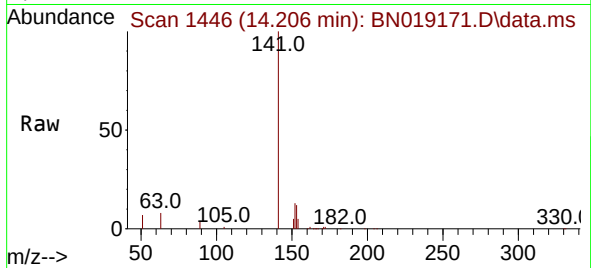




#16
Acenaphthylene
Concen: 0.134 ng
RT: 14.206 min Scan# 1446
Delta R.T. 0.010 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

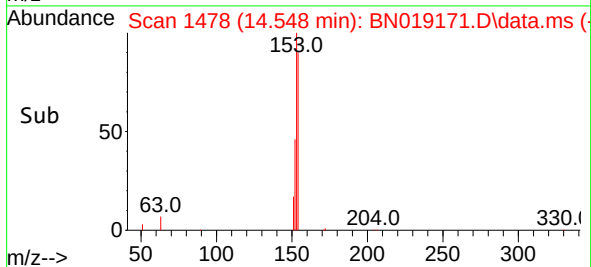
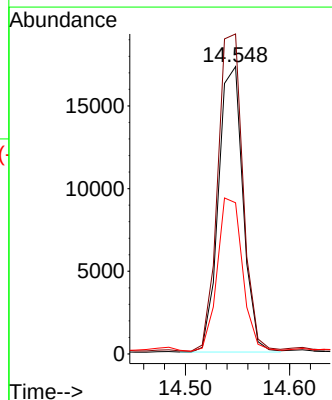
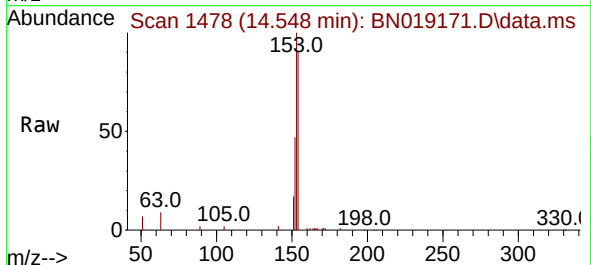
Instrument :
BNA_N
ClientSampleId :
MW-62

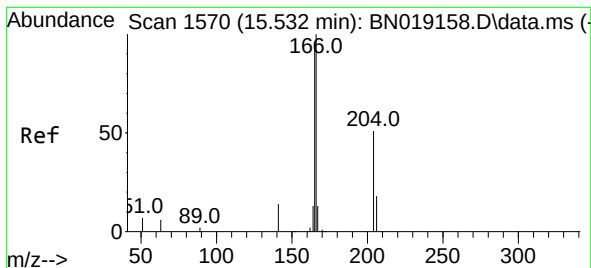
Tgt Ion:152 Resp: 6328
Ion Ratio Lower Upper
152 100
151 33.5 15.9 23.9#
153 91.3 10.6 15.8#



#17
Acenaphthene
Concen: 0.846 ng
RT: 14.548 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

Tgt Ion:154 Resp: 28347
Ion Ratio Lower Upper
154 100
153 113.7 89.7 134.5
152 55.3 44.7 67.1





#18

Fluorene

Concen: 0.366 ng

RT: 15.532 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BN019171.D

Acq: 26 Mar 2022 00:09

Instrument :

BNA_N

ClientSampleId :

MW-62

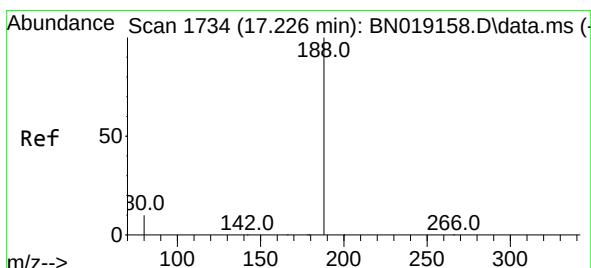
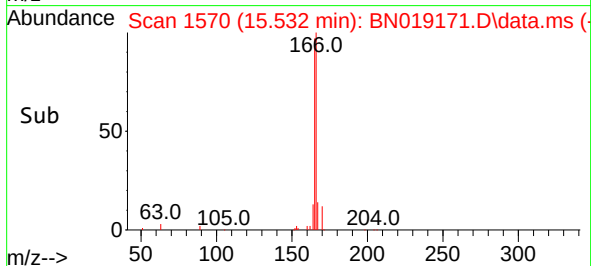
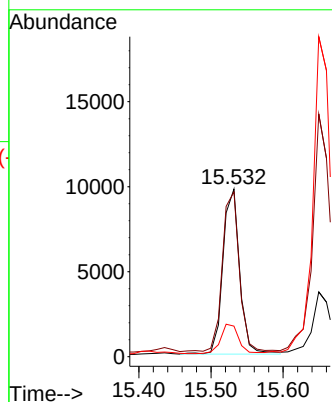
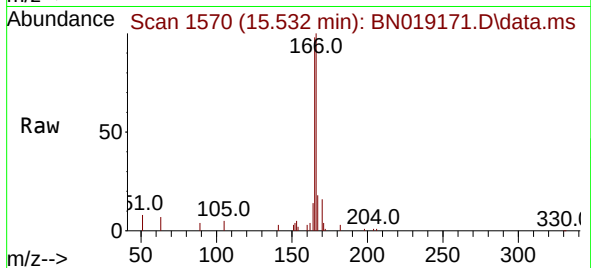
Tgt Ion:166 Resp: 15598

Ion Ratio Lower Upper

166 100

165 96.2 79.2 118.8

167 19.0 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.225 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BN019171.D

Acq: 26 Mar 2022 00:09

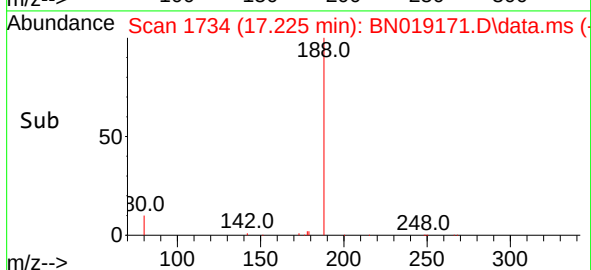
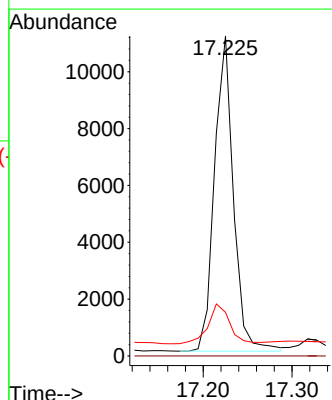
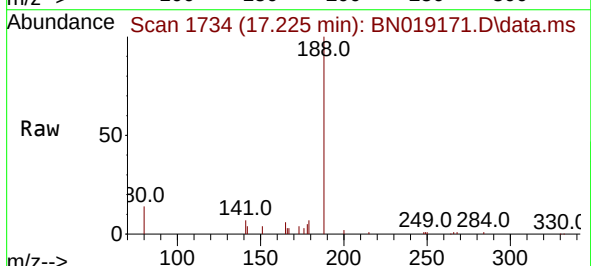
Tgt Ion:188 Resp: 16385

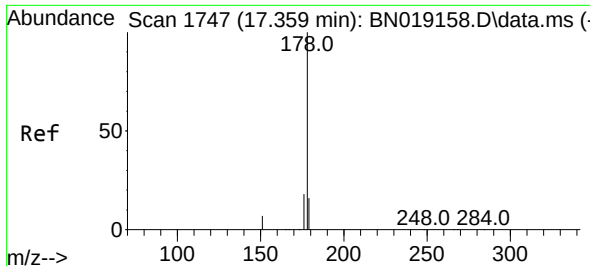
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 11.8 17.8

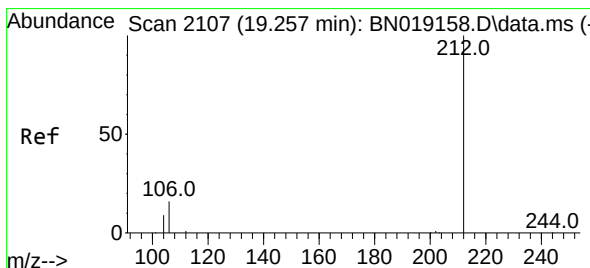
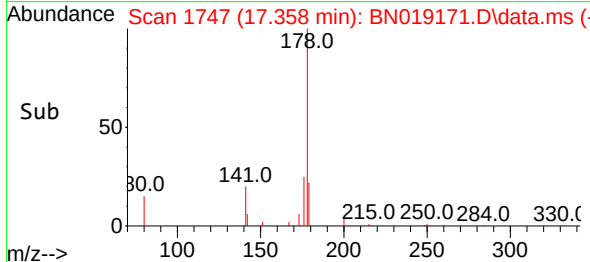
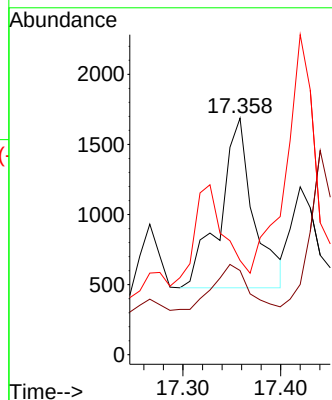
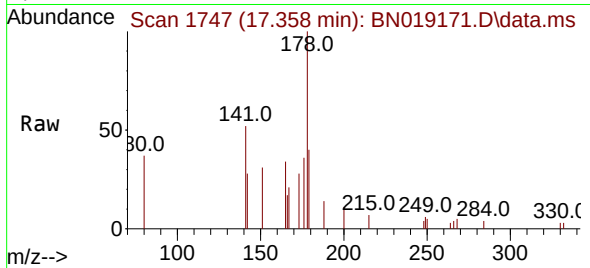




#26
 Anthracene
 Concen: 0.066 ng
 RT: 17.358 min Scan# 1747
 Delta R.T. -0.000 min
 Lab File: BN019171.D
 Acq: 26 Mar 2022 00:09

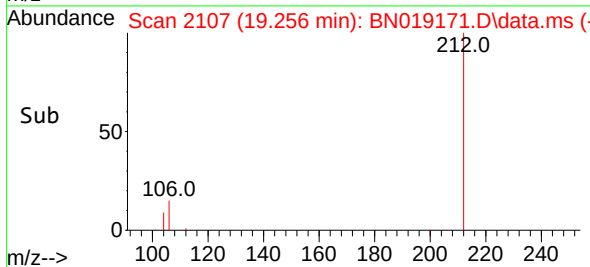
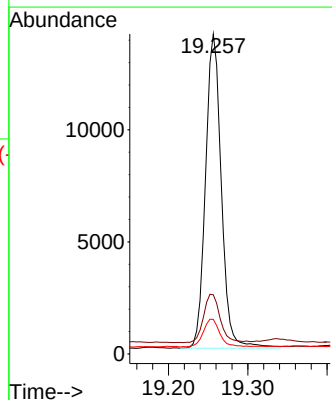
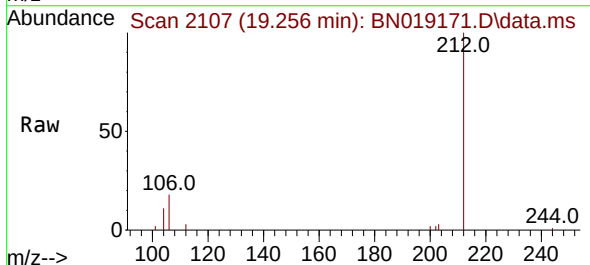
Instrument :
 BNA_N
 ClientSampleId :
 MW-62

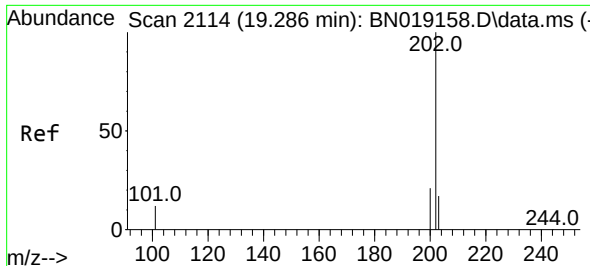
Tgt Ion:178 Resp: 2893
 Ion Ratio Lower Upper
 178 100
 176 28.6 14.8 22.2#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.404 ng
 RT: 19.256 min Scan# 2107
 Delta R.T. -0.000 min
 Lab File: BN019171.D
 Acq: 26 Mar 2022 00:09

Tgt Ion:212 Resp: 19365
 Ion Ratio Lower Upper
 212 100
 106 16.2 12.7 19.1
 104 9.2 7.1 10.7

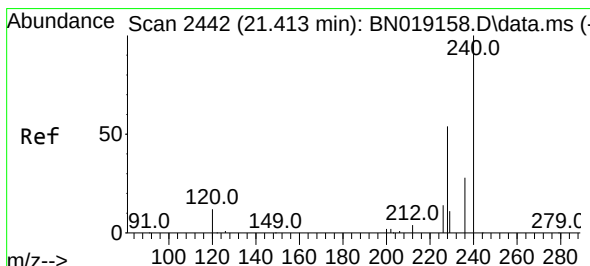
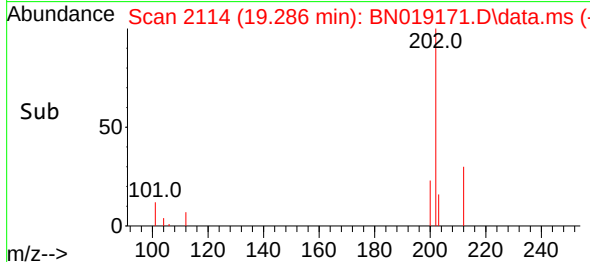
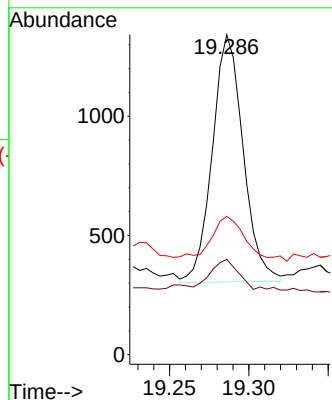
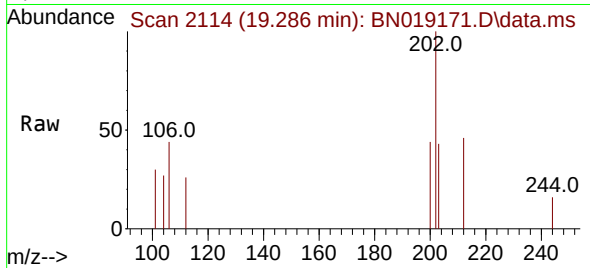




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

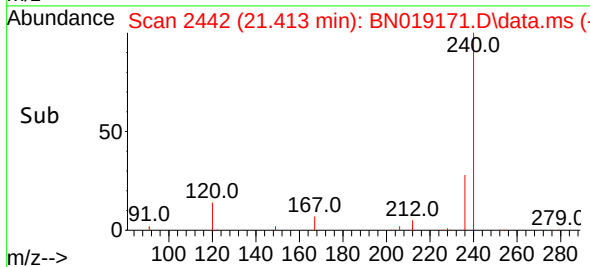
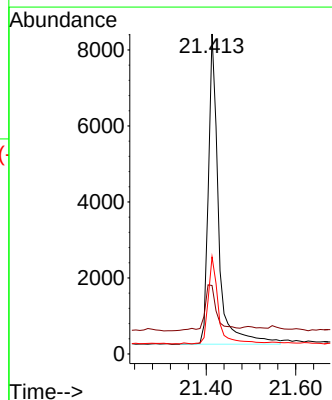
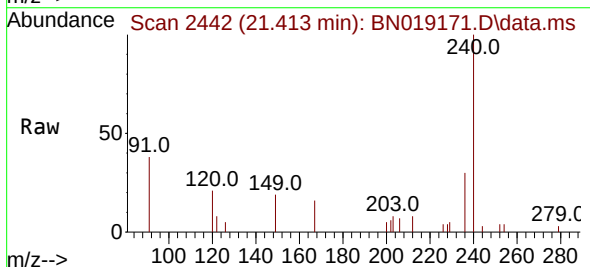
Instrument :
BNA_N
ClientSampleId :
MW-62

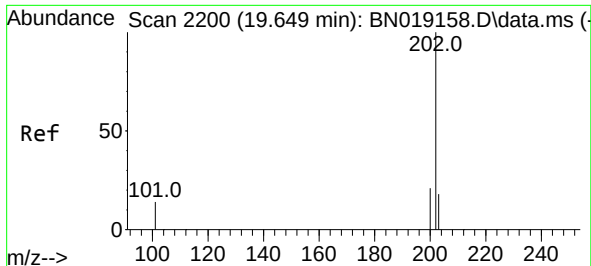
Tgt Ion:202 Resp: 1404
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
203 20.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

Tgt Ion:240 Resp: 12946
Ion Ratio Lower Upper
240 100
120 21.4 8.5 12.7#
236 30.3 22.4 33.6

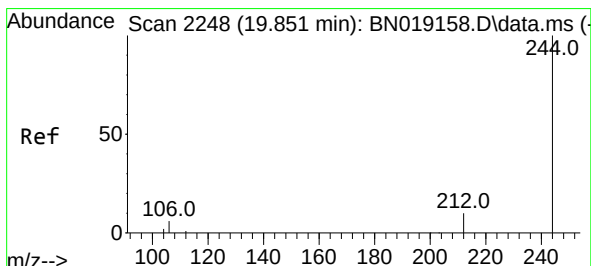
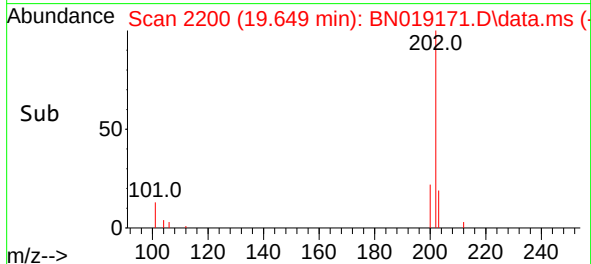
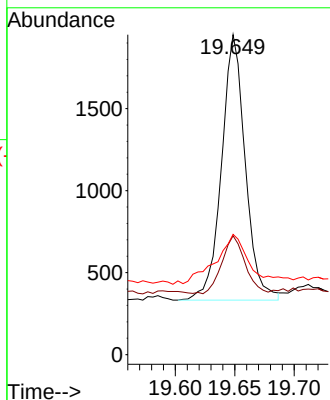
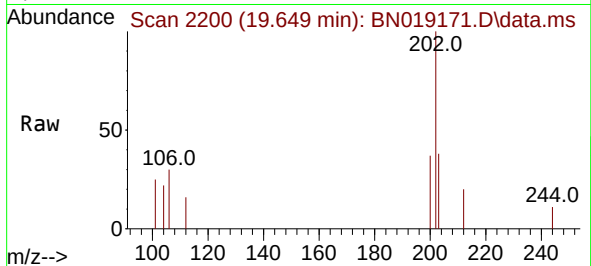




#30
Pyrene
Concen: 0.037 ng
RT: 19.649 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

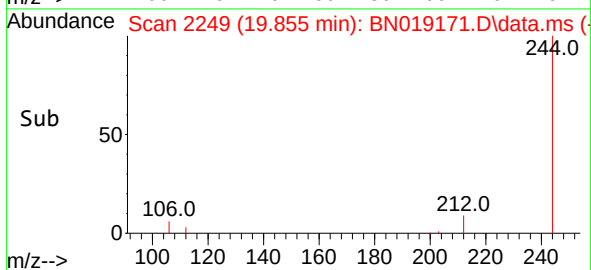
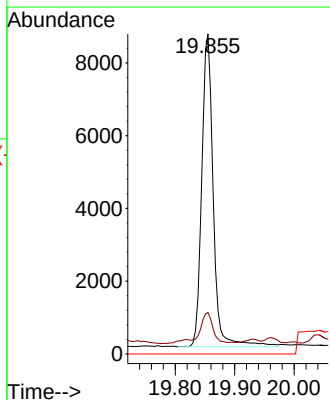
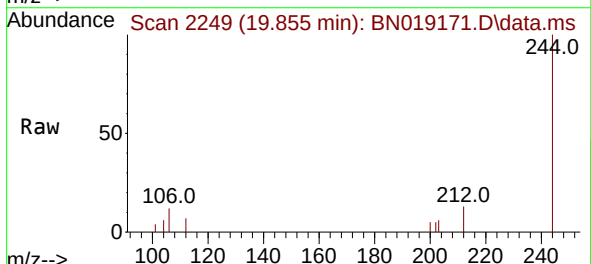
Instrument :
BNA_N
ClientSampleId :
MW-62

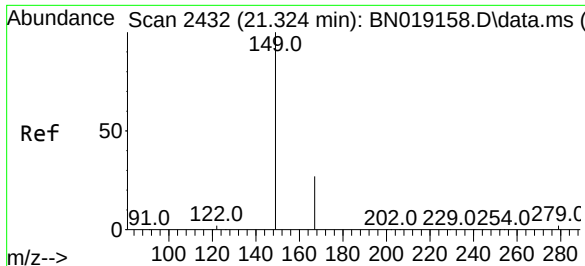
Tgt Ion:	202	Resp:	2253
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	27.4	14.2	21.2#



#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.855 min Scan# 2249
Delta R.T. 0.004 min
Lab File: BN019171.D
Acq: 26 Mar 2022 00:09

Tgt Ion:	244	Resp:	11547
Ion	Ratio	Lower	Upper
244	100		
212	13.0	8.2	12.4#
122	0.0	0.0	0.0

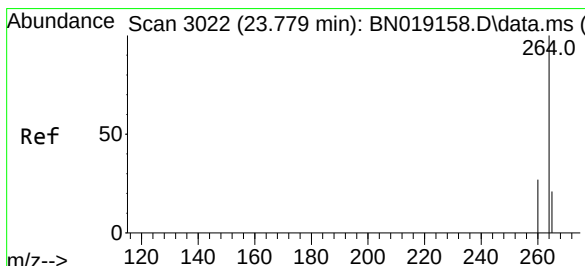
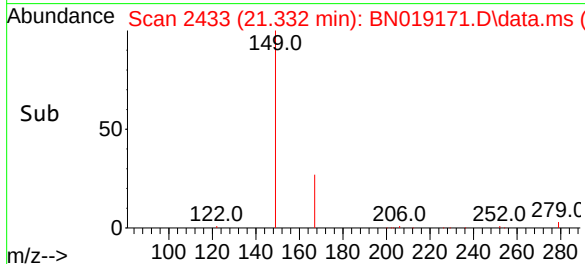
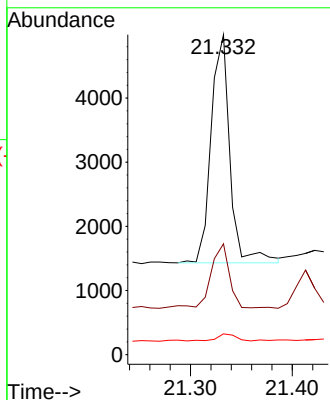
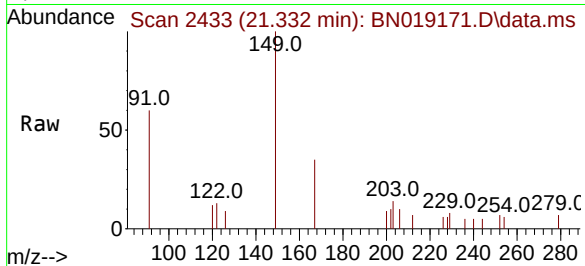




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.180 ng
 RT: 21.332 min Scan# 2433
 Delta R.T. 0.008 min
 Lab File: BN019171.D
 Acq: 26 Mar 2022 00:09

Instrument :
 BNA_N
 ClientSampleId :
 MW-62

Tgt Ion:149 Resp: 4553
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.8 32.8
 279 3.2 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.784 min Scan# 3024
 Delta R.T. 0.005 min
 Lab File: BN019171.D
 Acq: 26 Mar 2022 00:09

Tgt Ion:264 Resp: 11596
 Ion Ratio Lower Upper
 264 100
 260 28.4 22.4 33.6
 265 43.2 25.3 37.9#

