

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
 Data File : BN020368.D
 Acq On : 23 Jun 2022 07:10
 Operator : CG/JU
 Sample : N3354-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-49

Quant Time: Jun 23 08:15:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 15:57:15 2022
 Response via : Initial Calibration

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

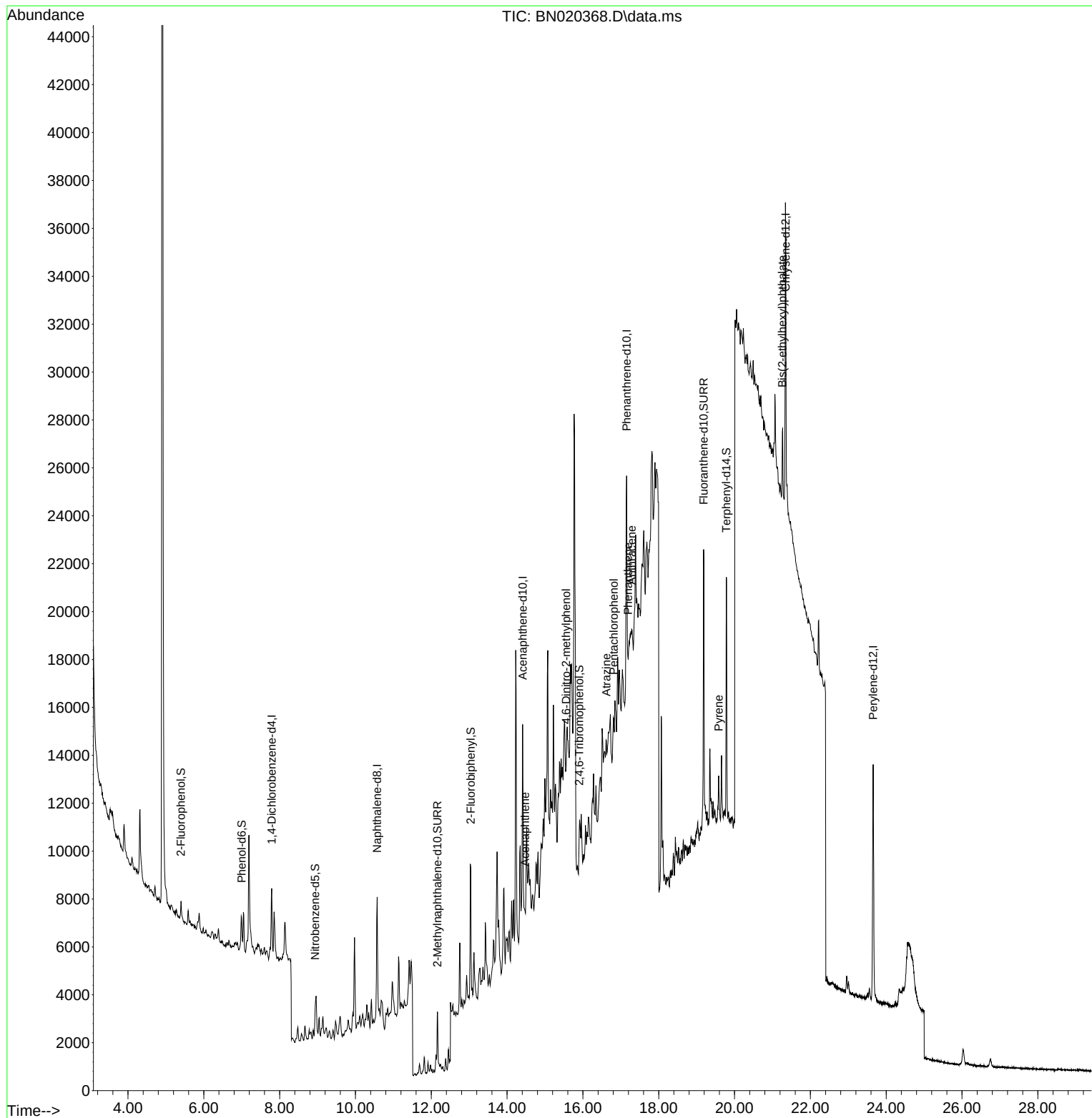
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	1510	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	5993	0.400	ng	#-0.01
13) Acenaphthene-d10	14.410	164	5105	0.400	ng	#-0.01
19) Phenanthrene-d10	17.154	188	11177	0.400	ng	#-0.01
29) Chrysene-d12	21.351	240	12048	0.400	ng	# 0.00
35) Perylene-d12	23.656	264	14032	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	741	0.167	ng	0.00
5) Phenol-d6	7.002	99	691	0.121	ng	0.00
8) Nitrobenzene-d5	8.939	82	1326	0.317	ng	-0.02
11) 2-Methylnaphthalene-d10	12.163	152	3981	0.357	ng	-0.01
14) 2,4,6-Tribromophenol	15.903	330	949	0.391	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	5209	0.285	ng	-0.01
27) Fluoranthene-d10	19.185	212	13489	0.344	ng	0.00
31) Terphenyl-d14	19.784	244	11252	0.469	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.283	88	116	Below Cal	Qvalue # 14	
17) Acenaphthene	14.474	154	436	0.026 ng	# 72	
20) 4,6-Dinitro-2-methylph...	15.554	198	12	0.119 ng	# 1	
23) Atrazine	16.620	200	501	0.109 ng	# 1	
24) Pentachlorophenol	16.815	266	121	0.040 ng	# 65	
25) Phenanthrene	17.195	178	1348	0.035 ng	# 64	
26) Anthracene	17.287	178	722	0.022 ng	# 1	
30) Pyrene	19.582	202	2155	0.048 ng	# 93	
34) Bis(2-ethylhexyl)phtha...	21.261	149	3045	0.153 ng	# 98	

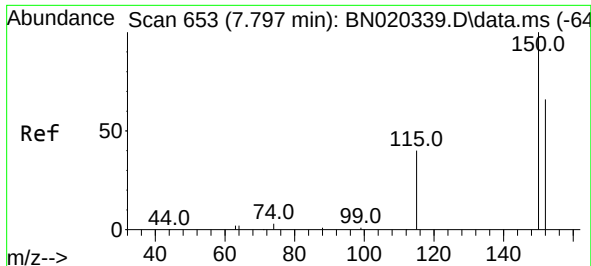
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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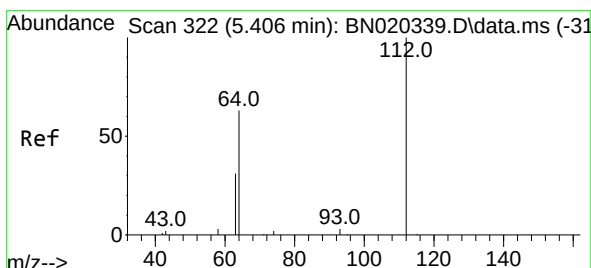
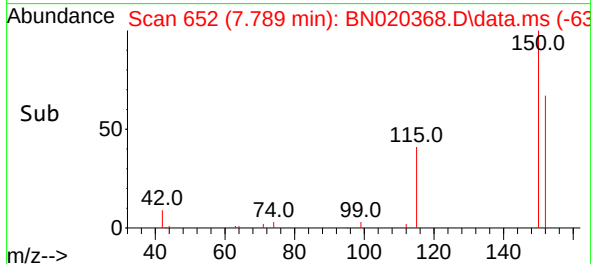
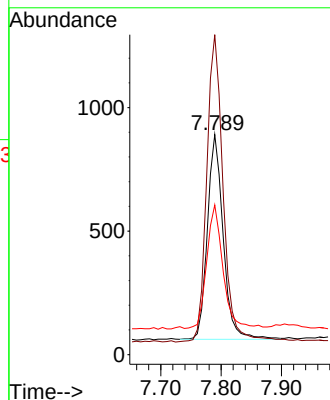
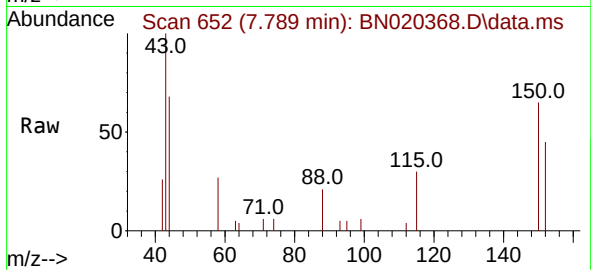




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

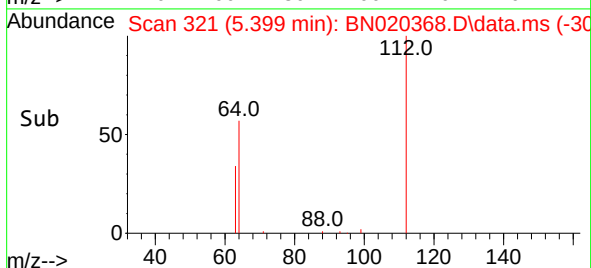
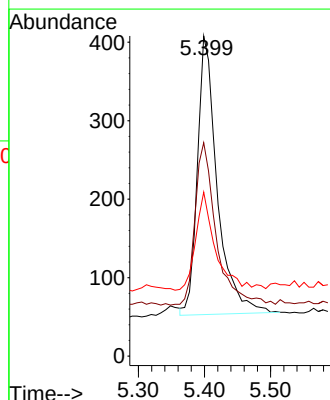
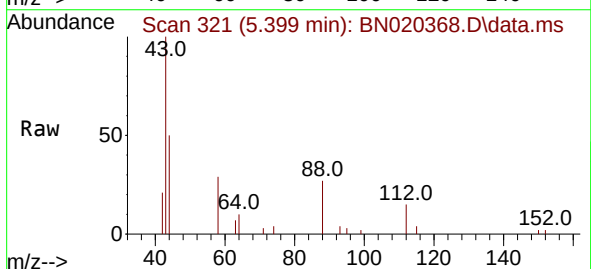
Instrument :
BNA_N
ClientSampleId :
MW-49

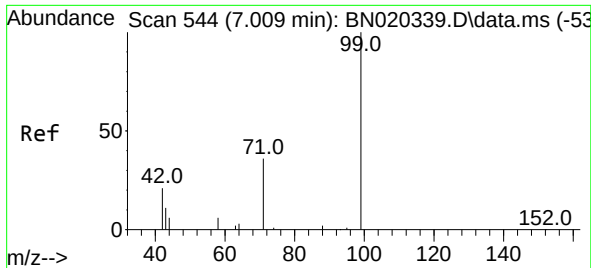
Tgt Ion:152 Resp: 1510
Ion Ratio Lower Upper
152 100
150 145.3 127.9 191.9
115 68.0 51.4 77.2



#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

Tgt Ion:112 Resp: 741
Ion Ratio Lower Upper
112 100
64 62.1 49.1 73.7
63 35.5 26.3 39.5

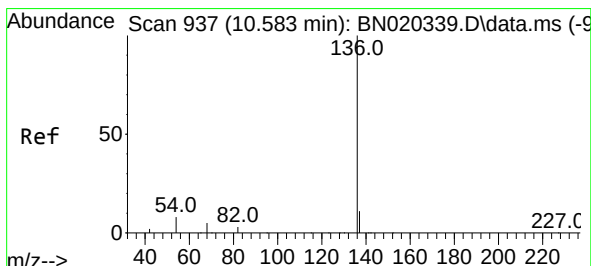
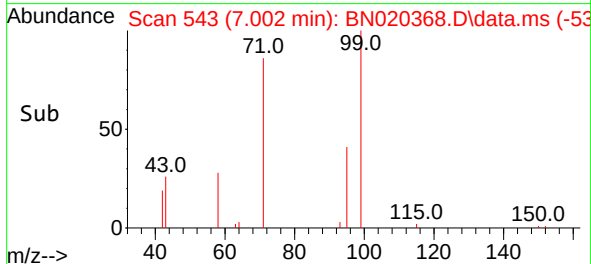
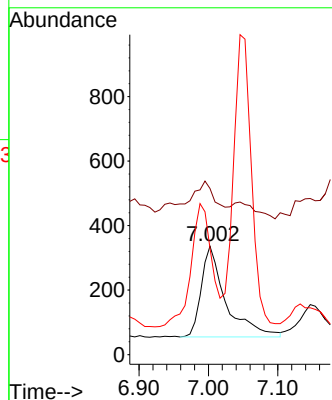
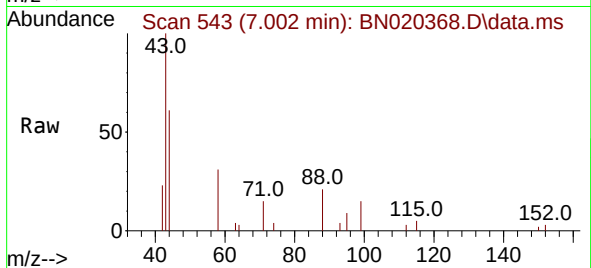




#5
Phenol-d6
Concen: 0.121 ng
RT: 7.002 min Scan# 544
Delta R.T. -0.007 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

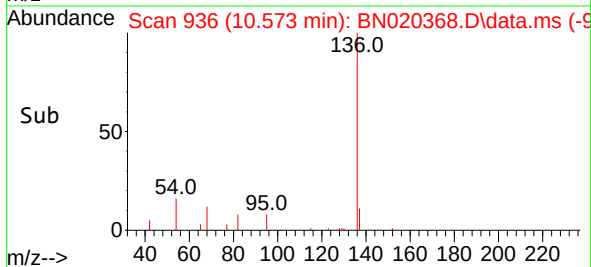
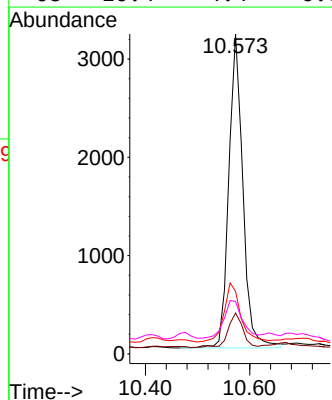
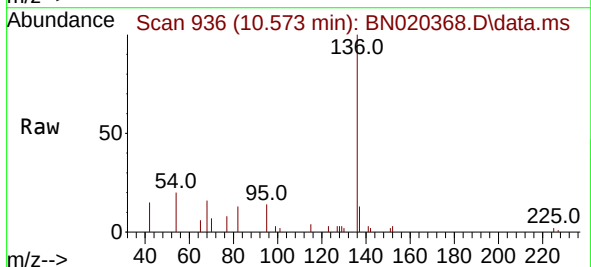
Instrument :
BNA_N
ClientSampleId :
MW-49

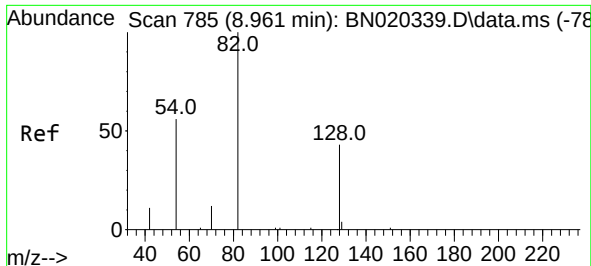
Tgt Ion: 99 Resp: 691
Ion Ratio Lower Upper
99 100
42 29.8 19.3 28.9#
71 114.9 27.5 41.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

Tgt Ion: 136 Resp: 5993
Ion Ratio Lower Upper
136 100
137 12.8 9.0 13.6
54 19.5 6.2 9.2#
68 16.4 4.4 6.6#

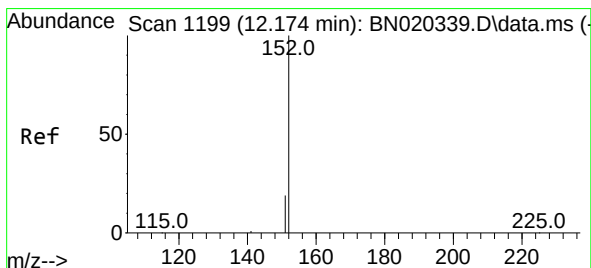
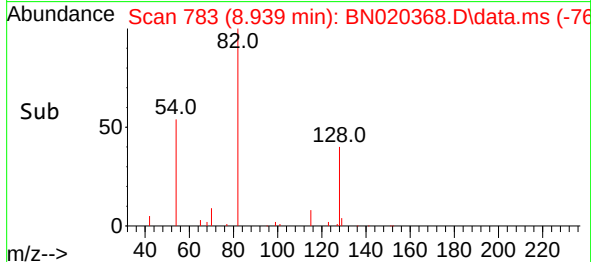
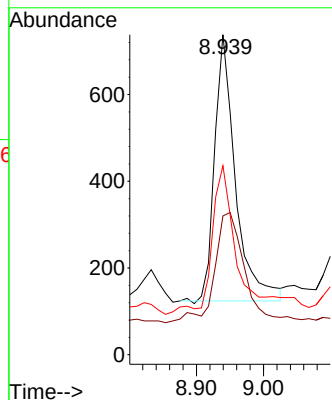
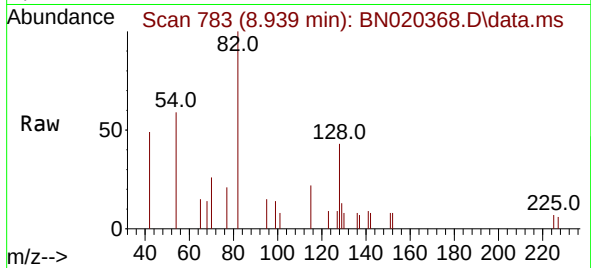




#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.939 min Scan# 785
Delta R.T. -0.021 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

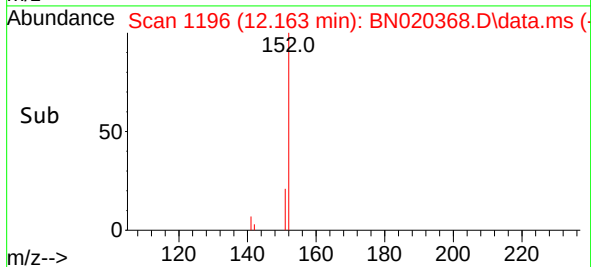
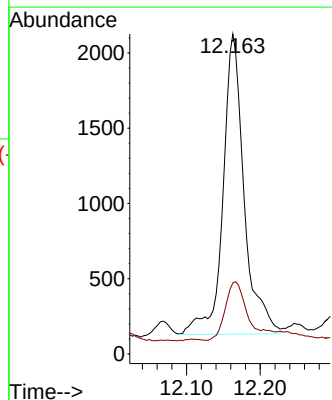
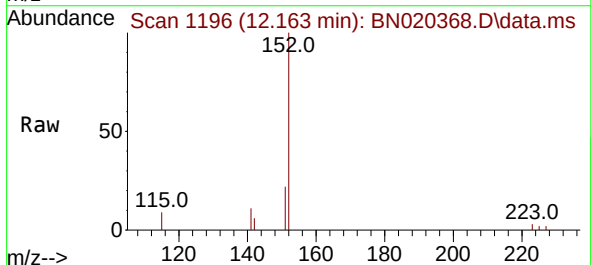
Instrument :
BNA_N
ClientSampleId :
MW-49

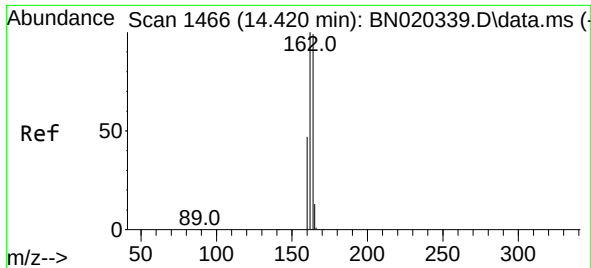
Tgt Ion: 82 Resp: 1326
Ion Ratio Lower Upper
82 100
128 43.4 35.0 52.6
54 59.1 46.2 69.4



#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.163 min Scan# 1196
Delta R.T. -0.011 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

Tgt Ion:152 Resp: 3981
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.4

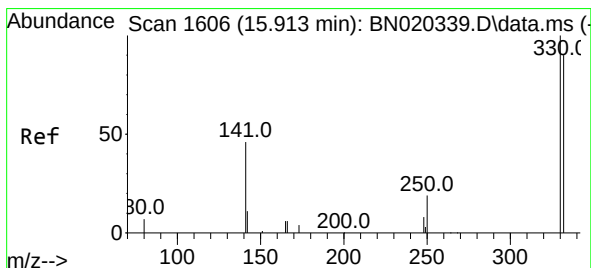
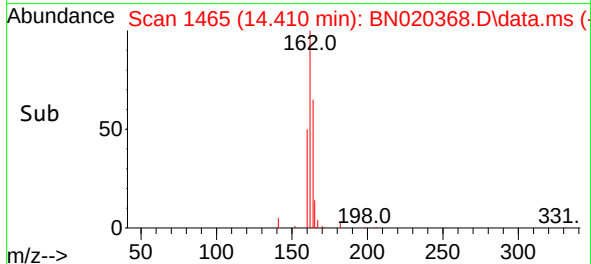
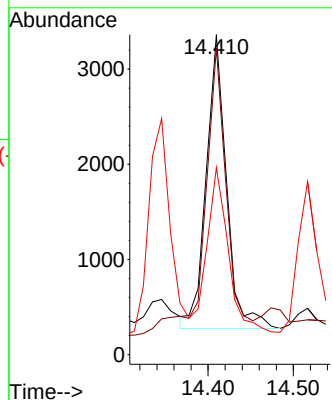
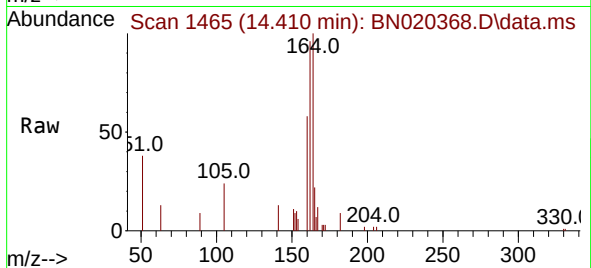




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.410 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

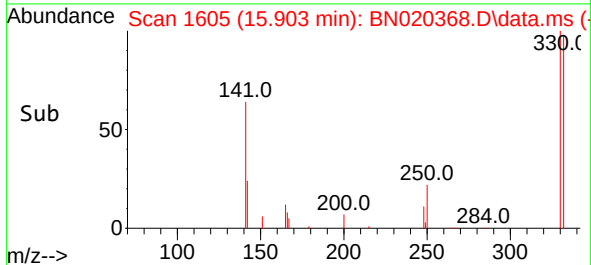
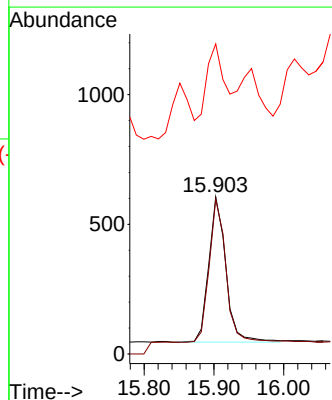
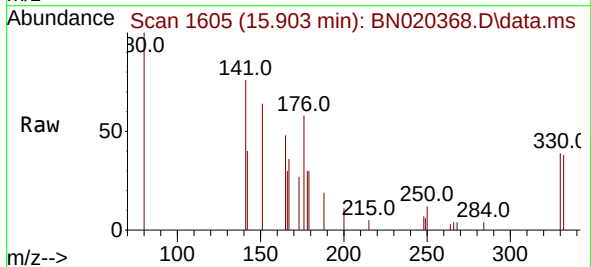
Instrument :
BNA_N
ClientSampleId :
MW-49

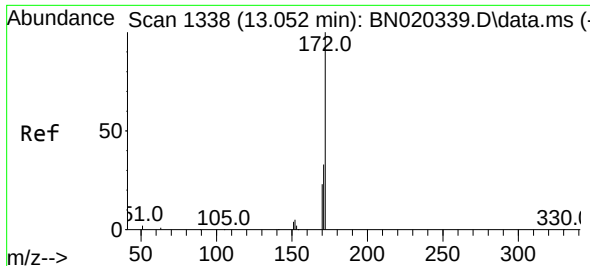
Tgt Ion:164 Resp: 5105
Ion Ratio Lower Upper
164 100
162 95.9 82.1 123.1
160 58.4 38.6 58.0#



#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.903 min Scan# 1605
Delta R.T. -0.010 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

Tgt Ion:330 Resp: 949
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 61.4 41.0 61.4

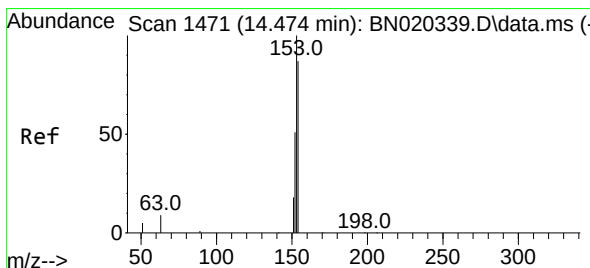
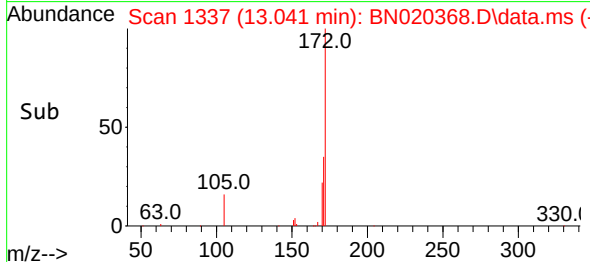
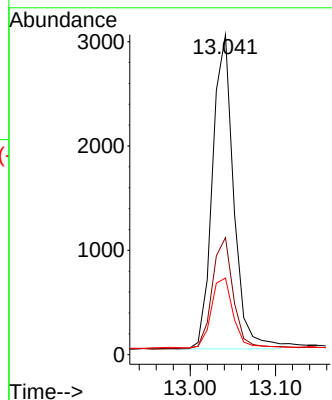
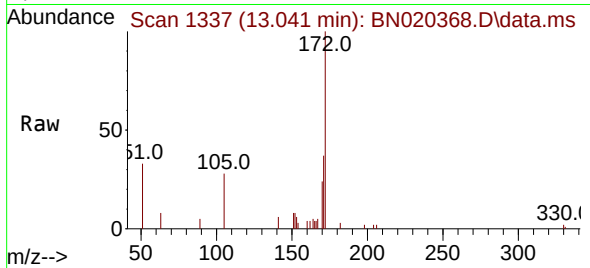




#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.041 min Scan# 1338
Delta R.T. -0.011 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

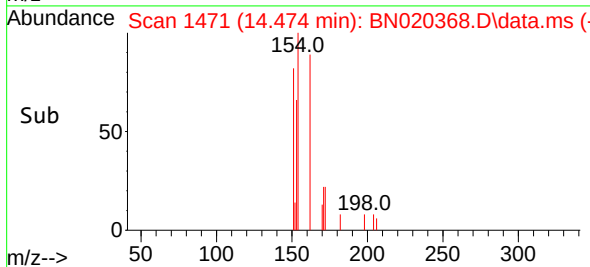
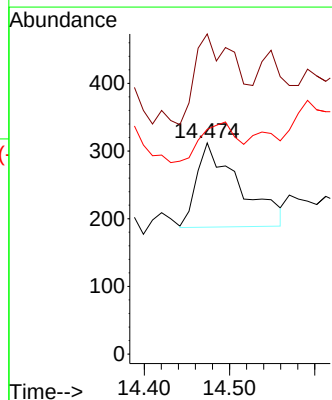
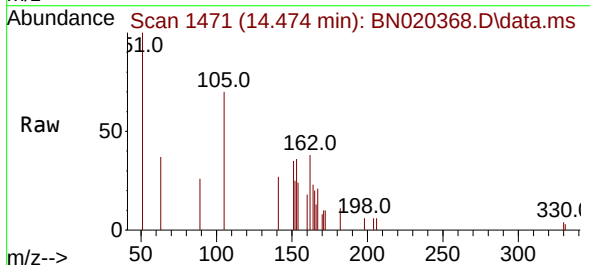
Instrument :
BNA_N
ClientSampleId :
MW-49

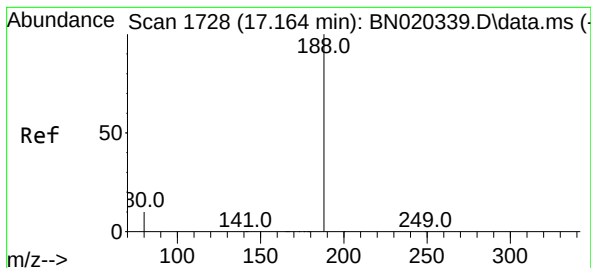
Tgt Ion:	172	Resp:	5209
Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.2	40.8
170	24.0	18.2	27.4



#17
Acenaphthene
Concen: 0.026 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

Tgt Ion:	154	Resp:	436
Ion	Ratio	Lower	Upper
154	100		
153	104.8	87.5	131.3
152	0.0	43.8	65.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.154 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN020368.D

Acq: 23 Jun 2022 07:10

Instrument :

BNA_N

ClientSampleId :

MW-49

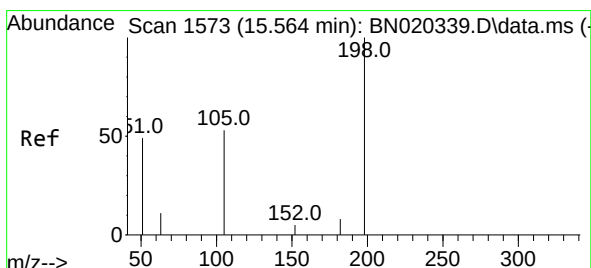
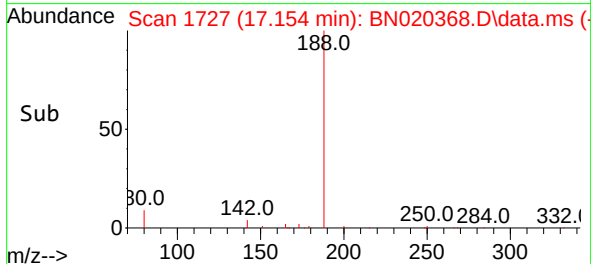
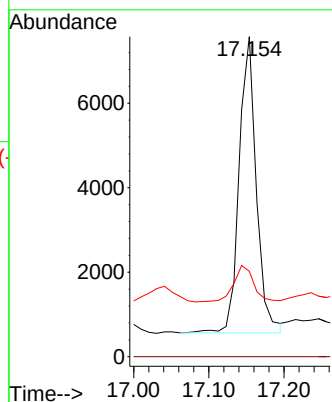
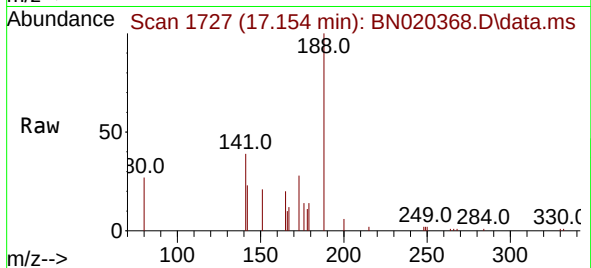
Tgt Ion:188 Resp: 11177

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 26.7 7.4 11.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.119 ng

RT: 15.554 min Scan# 1572

Delta R.T. -0.010 min

Lab File: BN020368.D

Acq: 23 Jun 2022 07:10

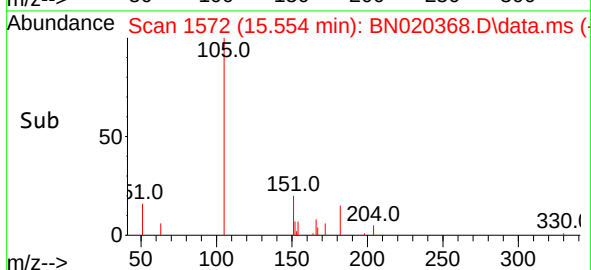
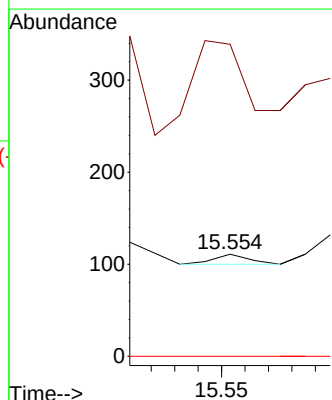
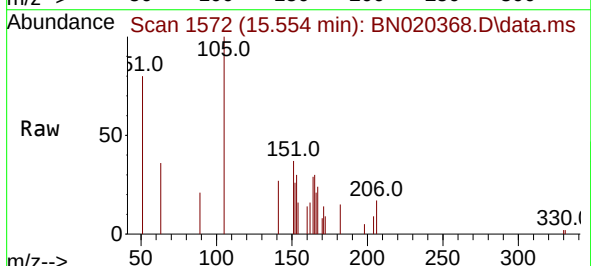
Tgt Ion:198 Resp: 12

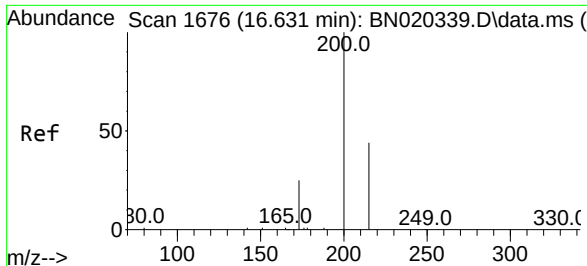
Ion Ratio Lower Upper

198 100

182 305.4 12.1 18.1#

77 0.0 0.0 0.0

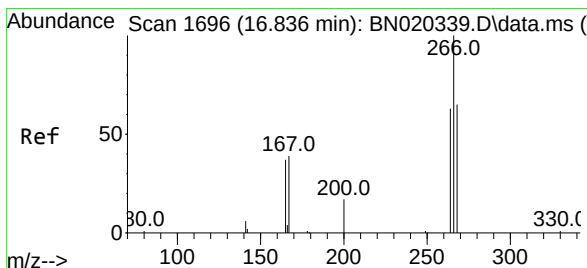
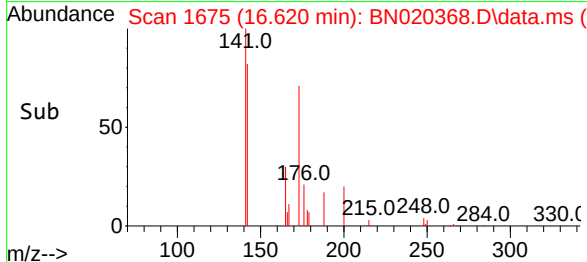
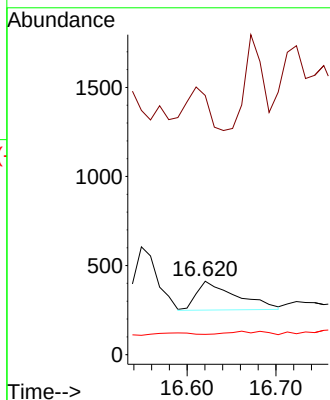
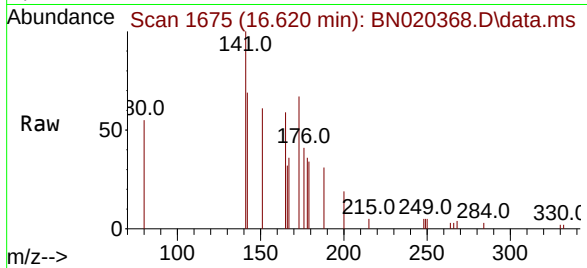




#23
Atrazine
Concen: 0.109 ng
RT: 16.620 min Scan# 1675
Delta R.T. -0.010 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

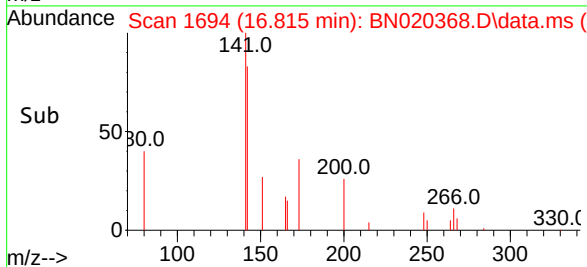
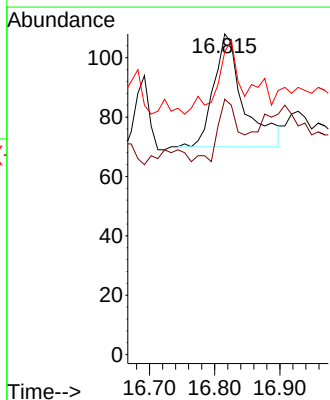
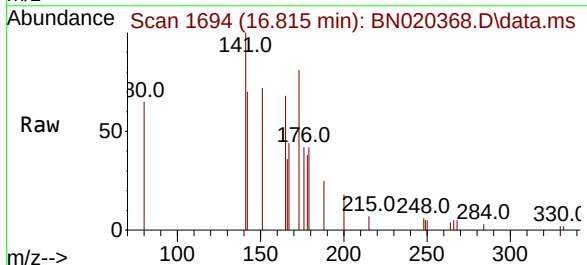
Instrument :
BNA_N
ClientSampleId :
MW-49

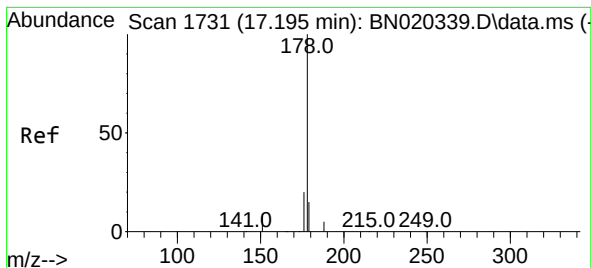
Tgt Ion:200 Resp: 501
Ion Ratio Lower Upper
200 100
173 353.2 23.6 35.4#
215 27.7 36.6 54.8#



#24
Pentachlorophenol
Concen: 0.040 ng
RT: 16.815 min Scan# 1694
Delta R.T. -0.020 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

Tgt Ion:266 Resp: 121
Ion Ratio Lower Upper
266 100
264 29.8 51.3 76.9#
268 44.6 52.6 79.0#





#25

Phenanthrene

Concen: 0.035 ng

RT: 17.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN020368.D

Acq: 23 Jun 2022 07:10

Instrument :

BNA_N

ClientSampleId :

MW-49

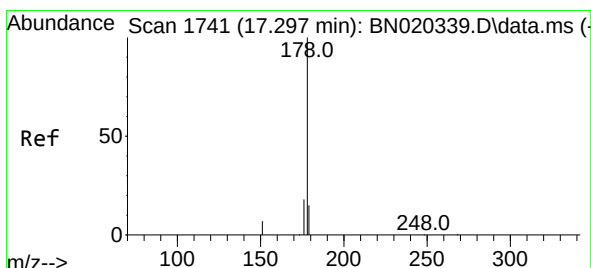
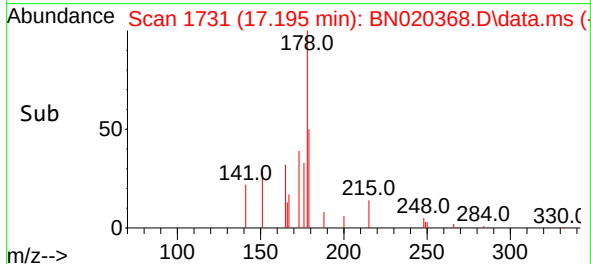
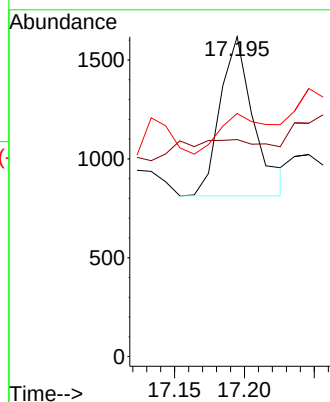
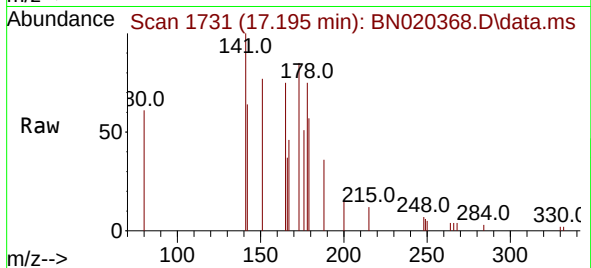
Tgt Ion:178 Resp: 1348

Ion Ratio Lower Upper

178 100

176 27.4 15.3 22.9#

179 39.2 12.2 18.4#



#26

Anthracene

Concen: 0.022 ng

RT: 17.287 min Scan# 1740

Delta R.T. -0.010 min

Lab File: BN020368.D

Acq: 23 Jun 2022 07:10

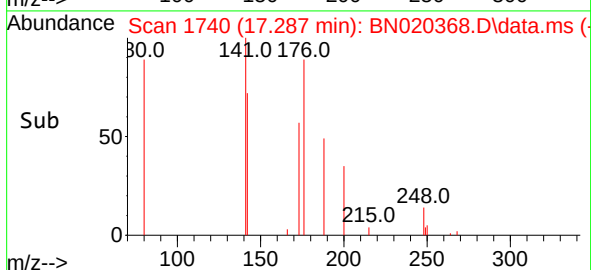
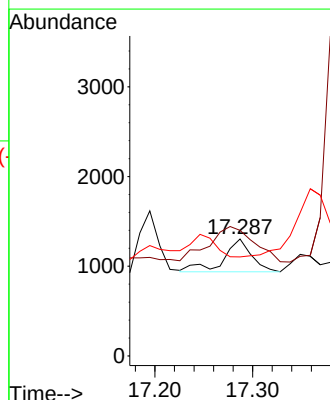
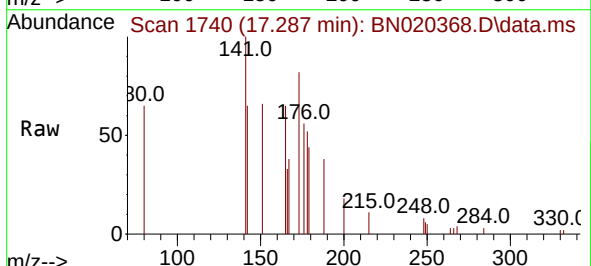
Tgt Ion:178 Resp: 722

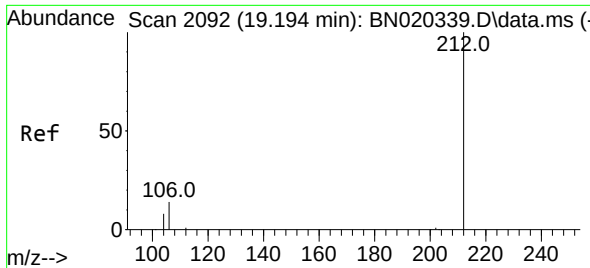
Ion Ratio Lower Upper

178 100

176 179.6 14.9 22.3#

179 0.0 12.2 18.4#

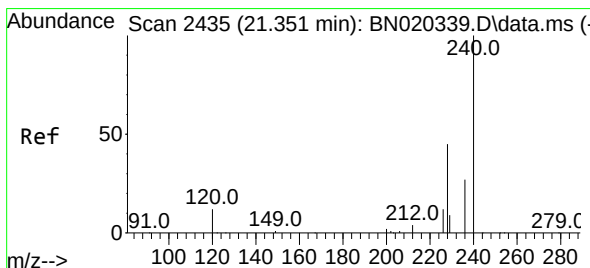
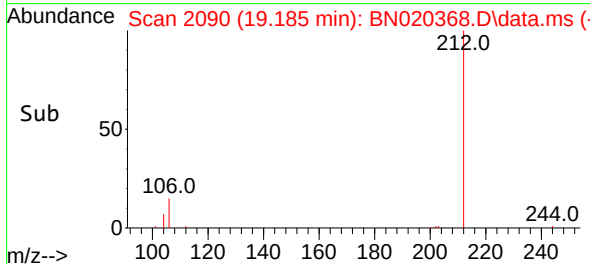
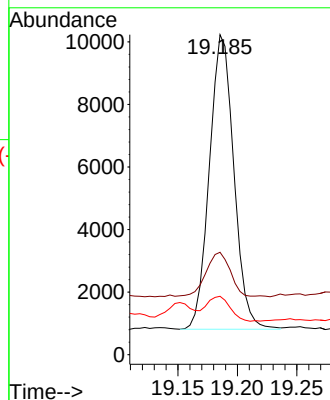
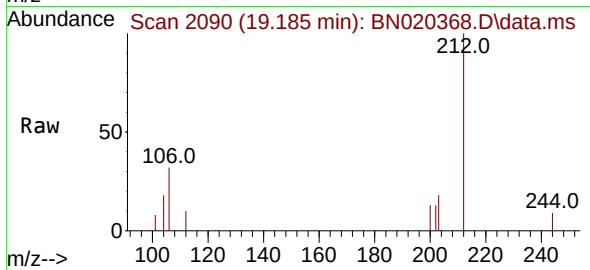




#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.185 min Scan# 2090
Delta R.T. -0.008 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

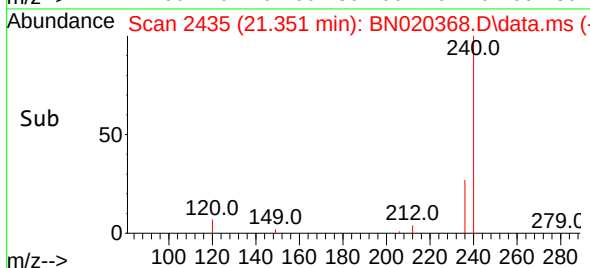
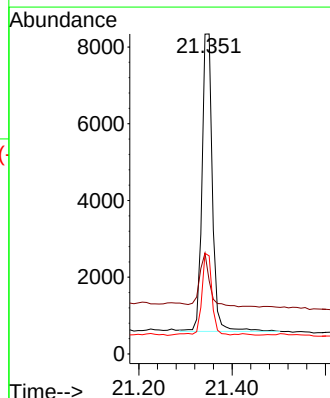
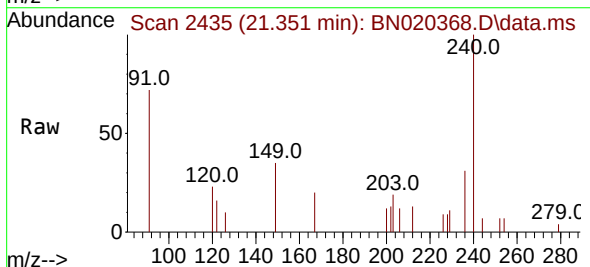
Instrument :
BNA_N
ClientSampleId :
MW-49

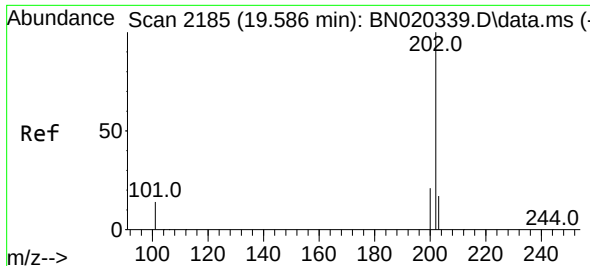
Tgt Ion:212 Resp: 13489
Ion Ratio Lower Upper
212 100
106 15.0 12.6 19.0
104 7.7 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.351 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

Tgt Ion:240 Resp: 12048
Ion Ratio Lower Upper
240 100
120 22.9 14.6 21.8#
236 30.7 22.6 33.8

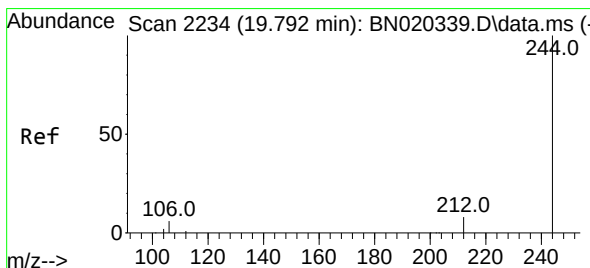
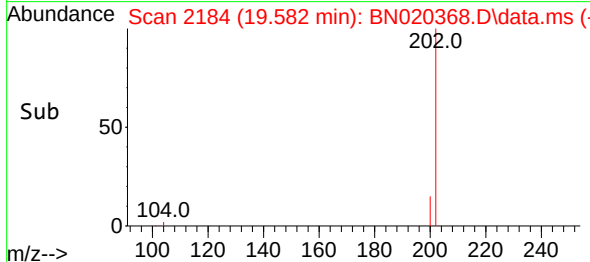
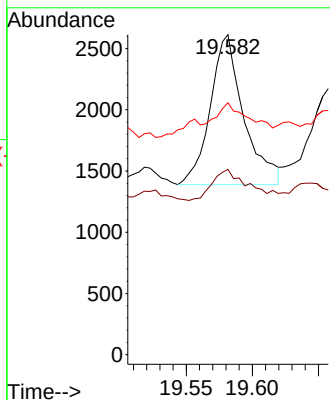
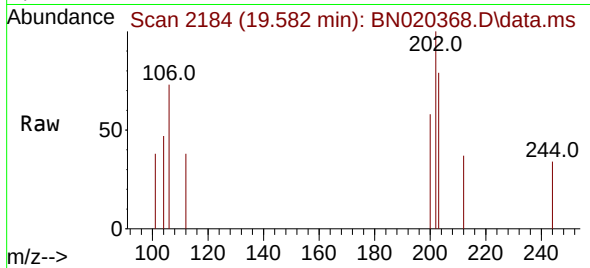




#30
Pyrene
Concen: 0.048 ng
RT: 19.582 min Scan# 2185
Delta R.T. -0.004 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

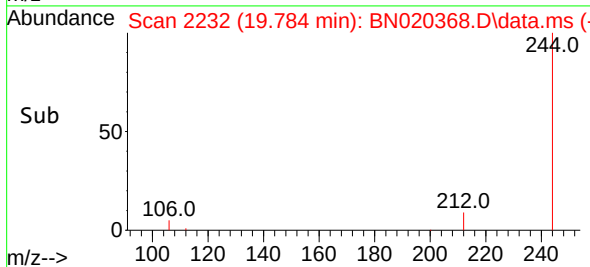
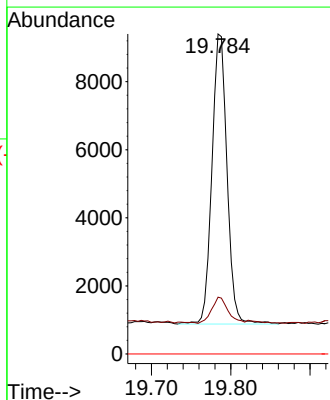
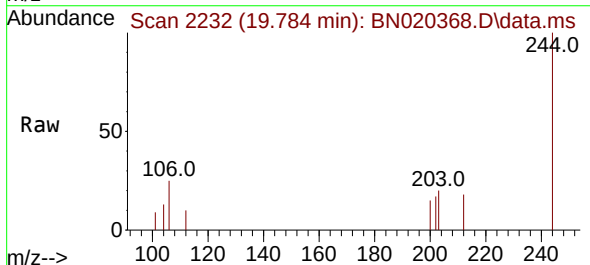
Instrument :
BNA_N
ClientSampleId :
MW-49

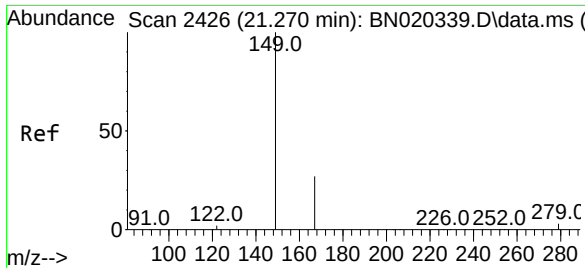
Tgt Ion:202 Resp: 2155
Ion Ratio Lower Upper
202 100
200 22.6 16.6 25.0
203 13.0 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.469 ng
RT: 19.784 min Scan# 2232
Delta R.T. -0.008 min
Lab File: BN020368.D
Acq: 23 Jun 2022 07:10

Tgt Ion:244 Resp: 11252
Ion Ratio Lower Upper
244 100
212 17.8 7.1 10.7#
122 0.0 0.0 0.0

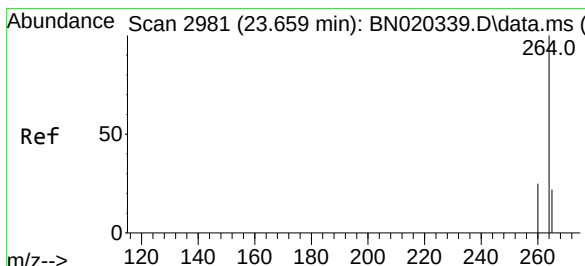
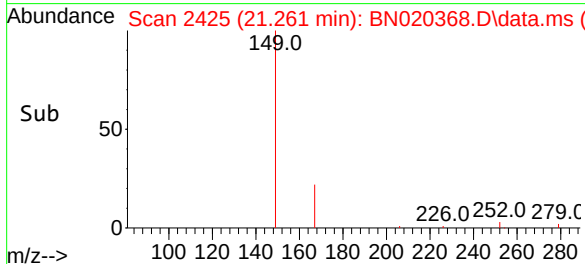
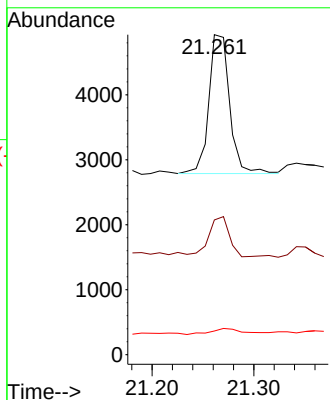
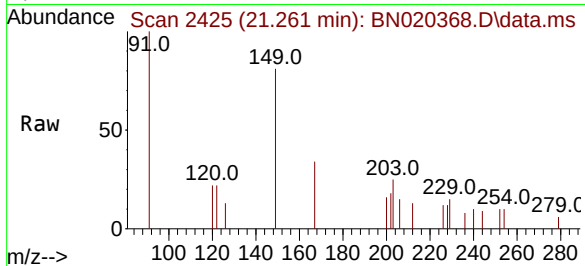




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.153 ng
 RT: 21.261 min Scan# 2426
 Delta R.T. -0.009 min
 Lab File: BN020368.D
 Acq: 23 Jun 2022 07:10

Instrument :
 BNA_N
 ClientSampleId :
 MW-49

Tgt Ion:149 Resp: 3045
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.7 32.5
 279 6.5 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.656 min Scan# 2980
 Delta R.T. -0.003 min
 Lab File: BN020368.D
 Acq: 23 Jun 2022 07:10

Tgt Ion:264 Resp: 14032
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.9 31.3
 265 40.8 28.0 42.0

