

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
 Data File : BN020367.D
 Acq On : 23 Jun 2022 06:34
 Operator : CG/JU
 Sample : N3354-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-48

Quant Time: Jun 23 07:18:52 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

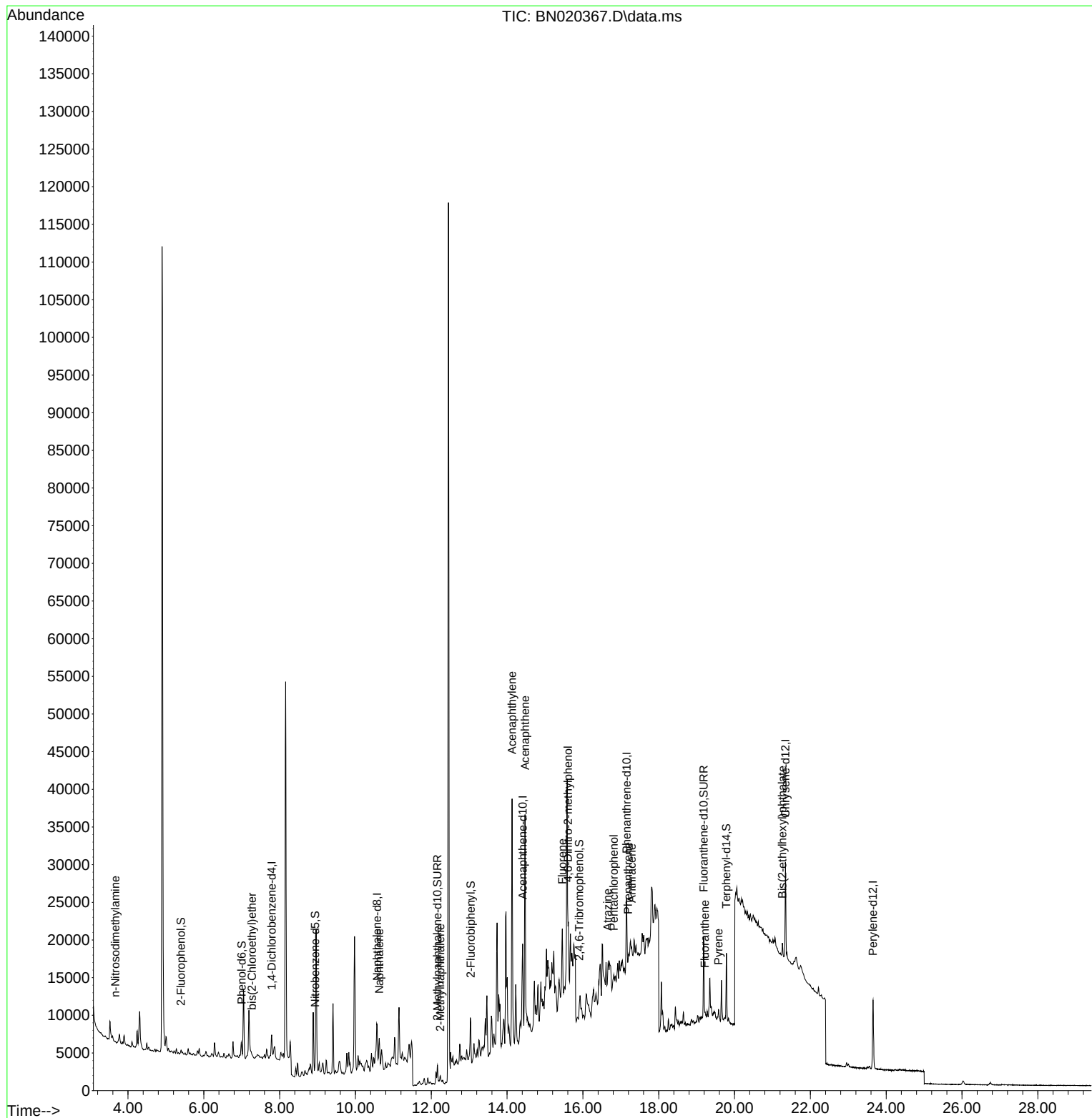
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	1415	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	5705	0.400	ng	#-0.01
13) Acenaphthene-d10	14.410	164	8413	0.400	ng	#-0.01
19) Phenanthrene-d10	17.154	188	10176	0.400	ng	#-0.01
29) Chrysene-d12	21.342	240	11482	0.400	ng	# 0.00
35) Perylene-d12	23.653	264	12452	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	632	0.152	ng	0.00
5) Phenol-d6	7.002	99	454	0.085	ng	0.00
8) Nitrobenzene-d5	8.939	82	1181	0.297	ng	-0.02
11) 2-Methylnaphthalene-d10	12.163	152	3525	0.332	ng	-0.01
14) 2,4,6-Tribromophenol	15.902	330	863	0.216	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	4791	0.159	ng	-0.01
27) Fluoranthene-d10	19.185	212	12536	0.351	ng	0.00
31) Terphenyl-d14	19.784	244	9879	0.432	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	78	Below Cal	#	67
3) n-Nitrosodimethylamine	3.665	42	43	0.029	ng	# 22
6) bis(2-Chloroethyl)ether	7.269	93	223	0.054	ng	# 17
9) Naphthalene	10.626	128	1248	0.073	ng	# 7
12) 2-Methylnaphthalene	12.234	142	742	0.059	ng	# 51
16) Acenaphthylene	14.132	152	3818	0.097	ng	# 1
17) Acenaphthene	14.474	154	14302	0.521	ng	# 99
18) Fluorene	15.457	166	4001	0.101	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.607	198	944	0.560	ng	# 22
23) Atrazine	16.651	200	471	0.113	ng	# 1
24) Pentachlorophenol	16.815	266	143	0.051	ng	# 81
25) Phenanthrene	17.195	178	758	0.022	ng	# 43
26) Anthracene	17.287	178	2017	0.067	ng	# 1
28) Fluoranthene	19.219	202	1089	0.024	ng	# 31
30) Pyrene	19.577	202	1816	0.043	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.261	149	1874	0.099	ng	# 85

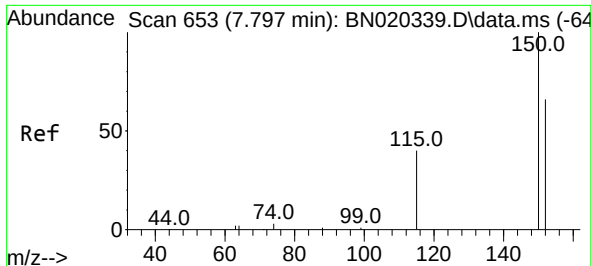
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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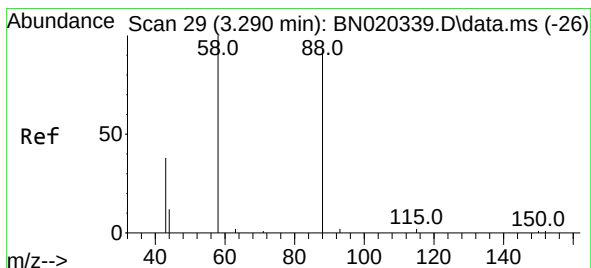
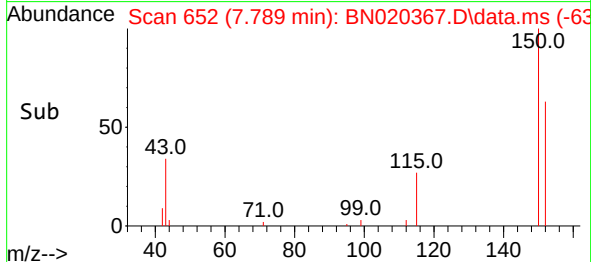
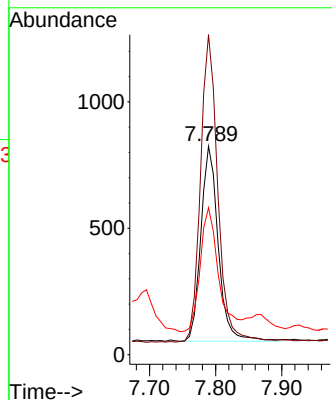
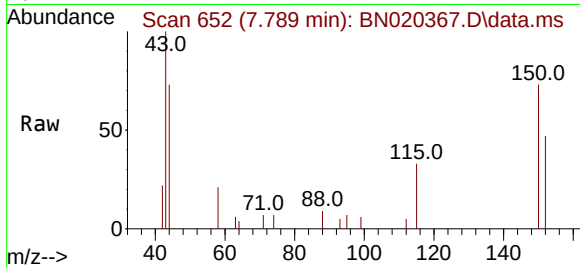




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN020367.D
 Acq: 23 Jun 2022 06:34

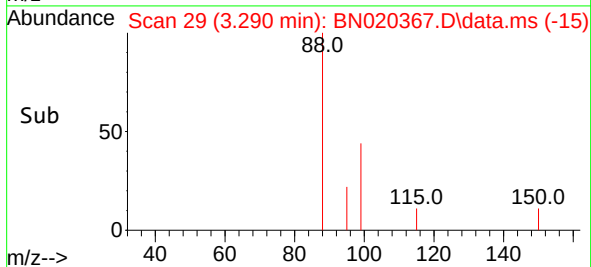
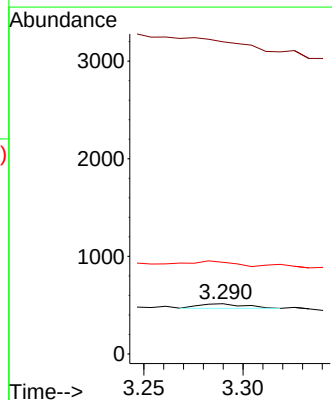
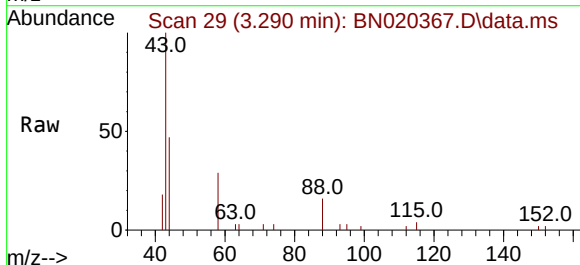
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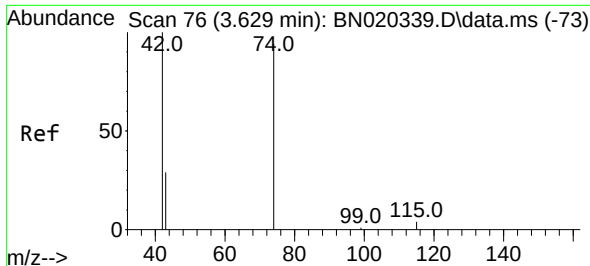
Tgt Ion:152 Resp: 1415
 Ion Ratio Lower Upper
 152 100
 150 153.5 127.9 191.9
 115 70.4 51.4 77.2



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.290 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN020367.D
 Acq: 23 Jun 2022 06:34

Tgt Ion: 88 Resp: 78
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.2 45.2#
 58 111.5 73.0 109.6#

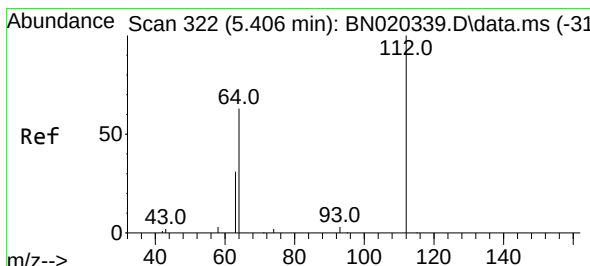
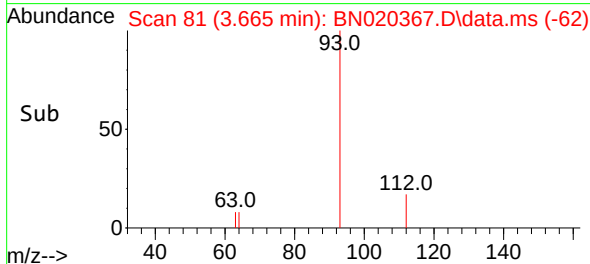
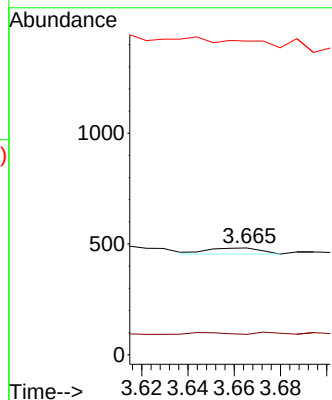
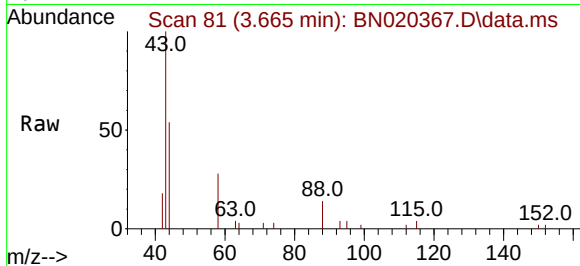




#3
 n-Nitrosodimethylamine
 Concen: 0.029 ng
 RT: 3.665 min Scan# 81
 Delta R.T. 0.036 min
 Lab File: BN020367.D
 Acq: 23 Jun 2022 06:34

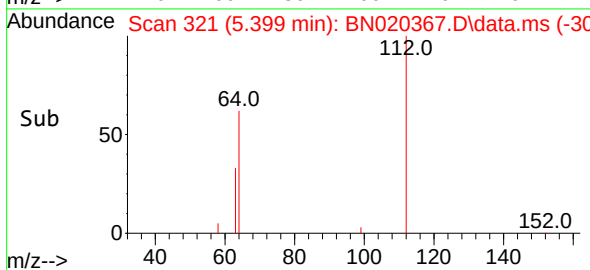
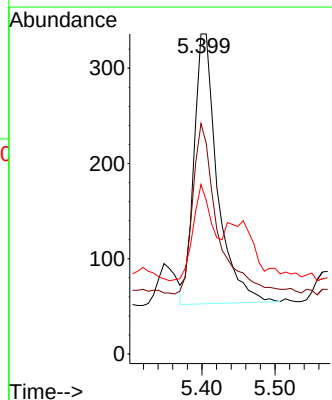
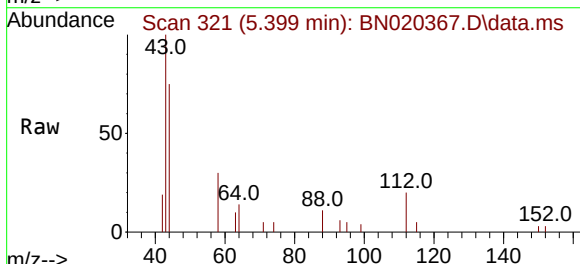
Instrument :
 BNA_N
 ClientSampleId :
 MW-48

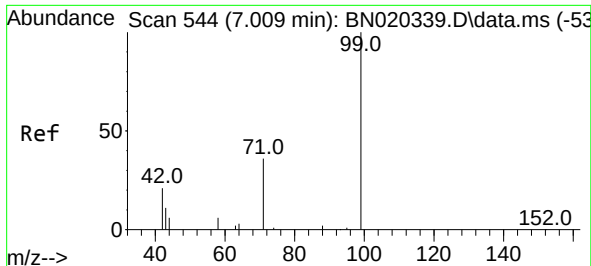
Tgt Ion: 42 Resp: 43
 Ion Ratio Lower Upper
 42 100
 74 18.6 84.0 126.0#
 44 0.0 9.8 14.8#



#4
 2-Fluorophenol
 Concen: 0.152 ng
 RT: 5.399 min Scan# 321
 Delta R.T. -0.007 min
 Lab File: BN020367.D
 Acq: 23 Jun 2022 06:34

Tgt Ion: 112 Resp: 632
 Ion Ratio Lower Upper
 112 100
 64 66.5 49.1 73.7
 63 31.5 26.3 39.5

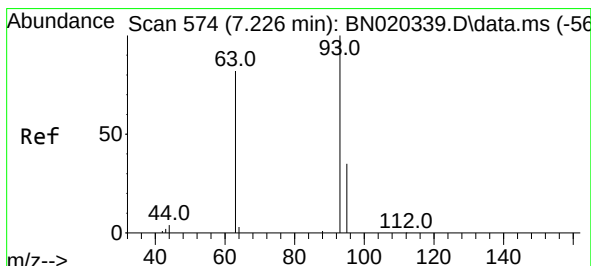
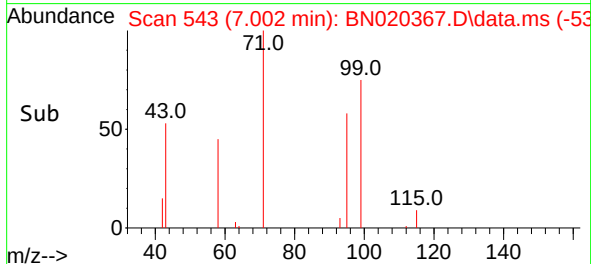
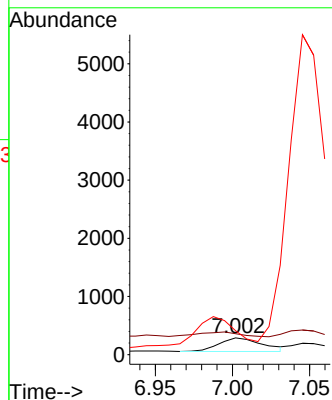
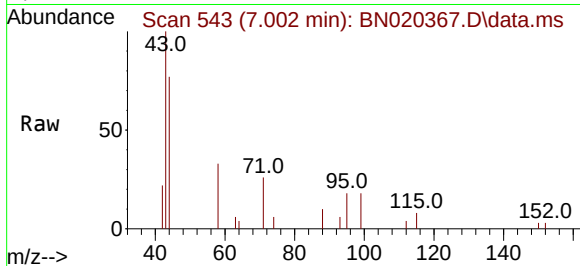




#5
Phenol-d6
Concen: 0.085 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

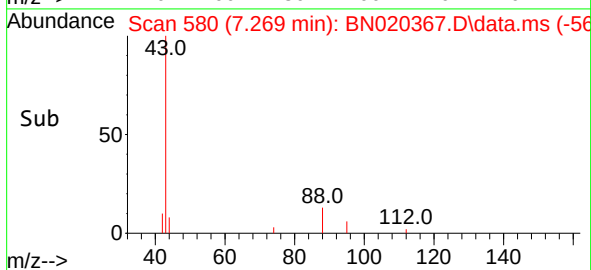
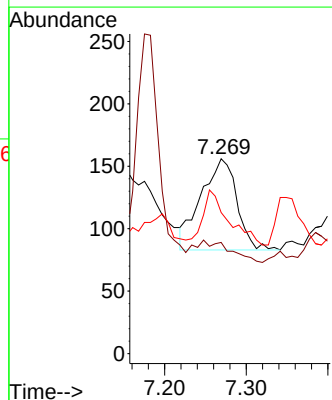
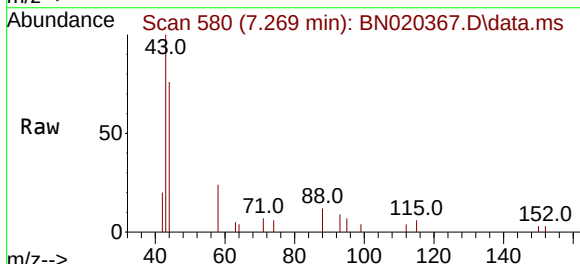
Instrument :
BNA_N
ClientSampleId :
MW-48

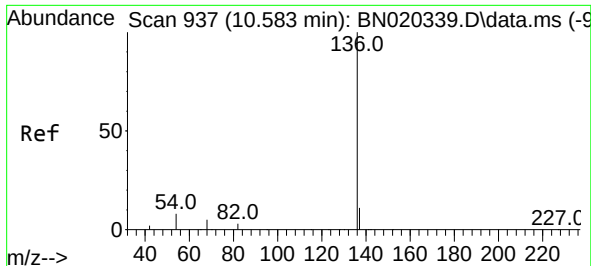
Tgt Ion: 99 Resp: 454
Ion Ratio Lower Upper
99 100
42 45.8 19.3 28.9#
71 244.5 27.5 41.3#



#6
bis(2-Chloroethyl)ether
Concen: 0.054 ng
RT: 7.269 min Scan# 580
Delta R.T. 0.043 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

Tgt Ion: 93 Resp: 223
Ion Ratio Lower Upper
93 100
63 0.0 67.4 101.0#
95 0.0 26.5 39.7#

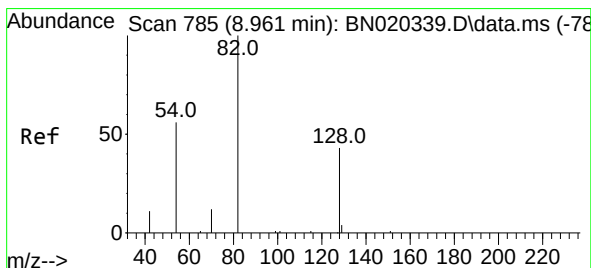
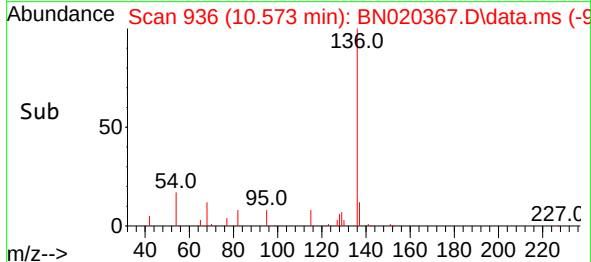
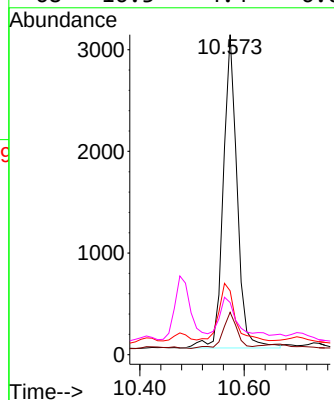
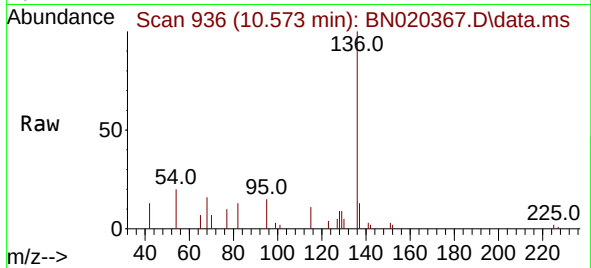




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

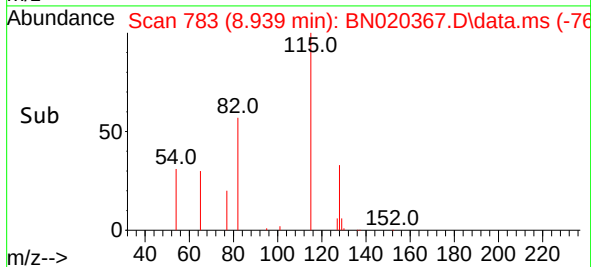
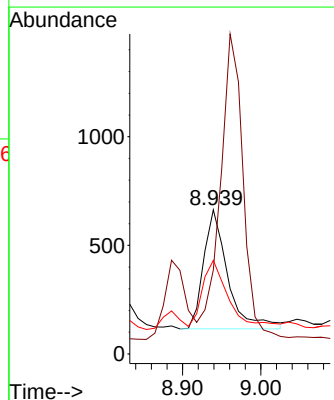
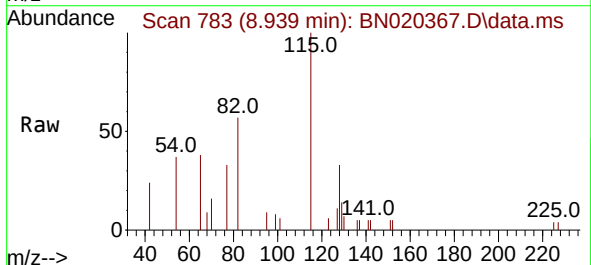
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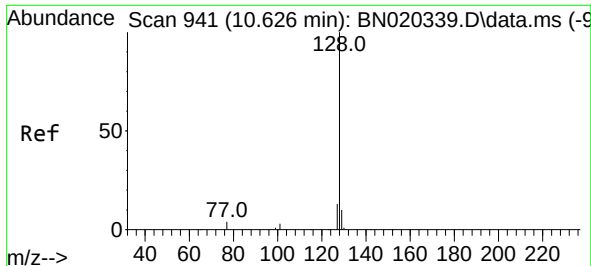
Tgt Ion:136	Resp:	5705
Ion	Ratio	Lower Upper
136	100	
137	13.3	9.0 13.6
54	20.0	6.2 9.2#
68	16.3	4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.939 min Scan# 783
Delta R.T. -0.021 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

Tgt Ion: 82	Resp:	1181
Ion	Ratio	Lower Upper
82	100	
128	58.3	35.0 52.6#
54	64.9	46.2 69.4

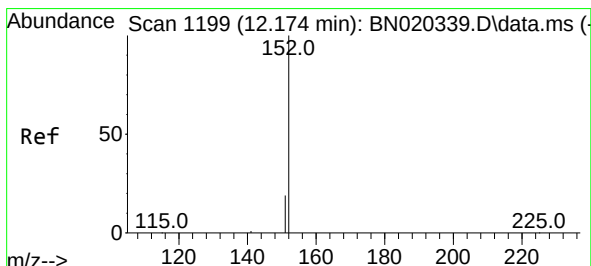
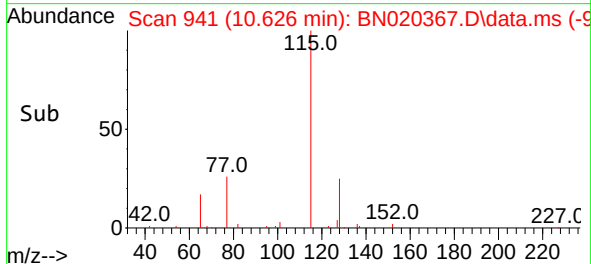
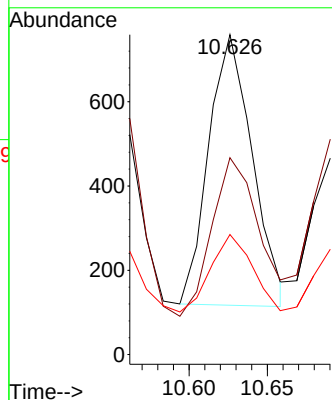
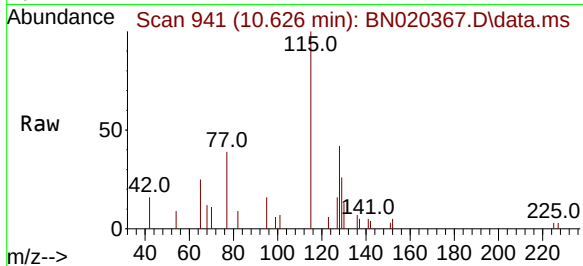




#9
Naphthalene
Concen: 0.073 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

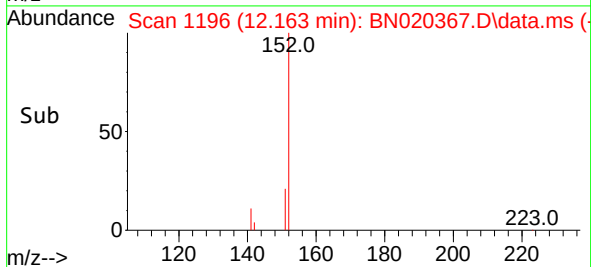
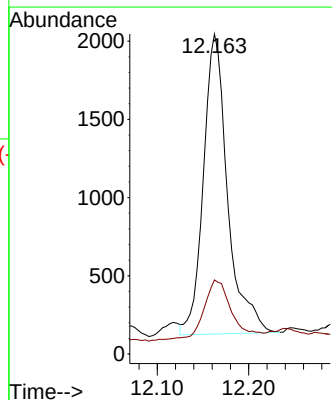
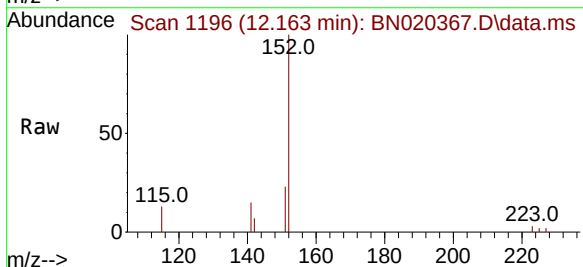
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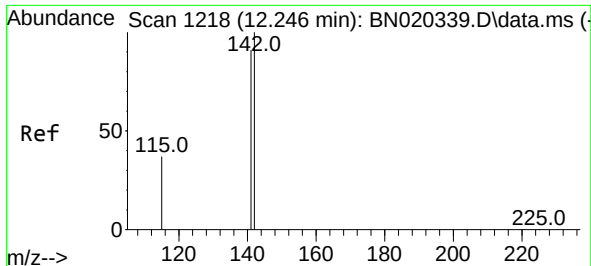
Tgt Ion:128 Resp: 1248
Ion Ratio Lower Upper
128 100
129 61.5 8.9 13.3#
127 37.5 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.163 min Scan# 1196
Delta R.T. -0.011 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

Tgt Ion:152 Resp: 3525
Ion Ratio Lower Upper
152 100
151 25.1 16.2 24.4#

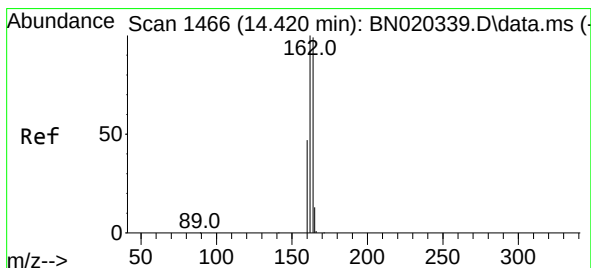
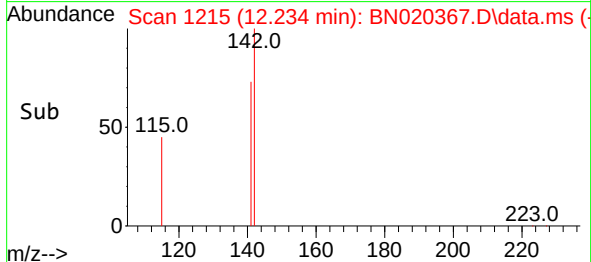
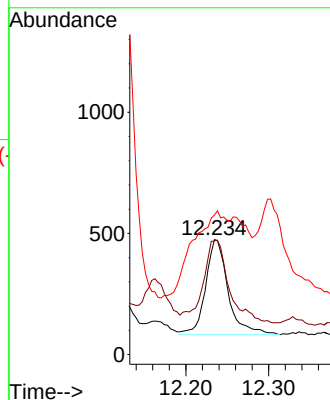
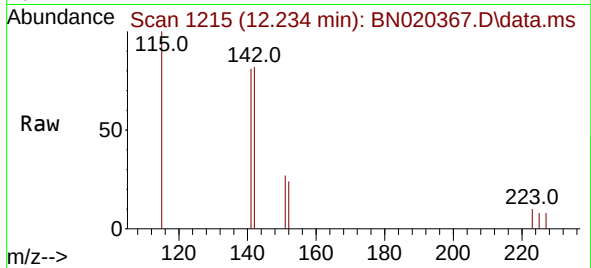




#12
2-Methylnaphthalene
Concen: 0.059 ng
RT: 12.234 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

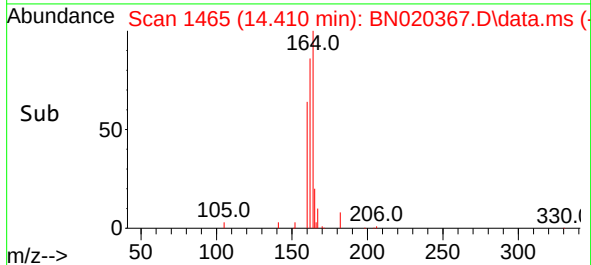
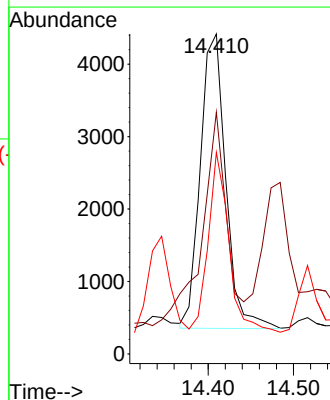
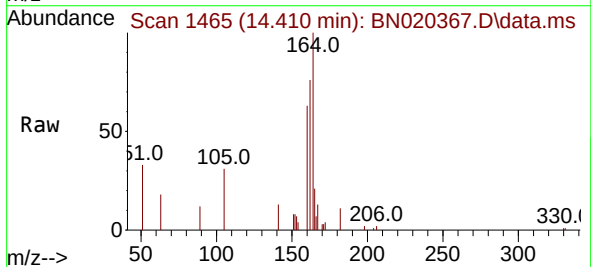
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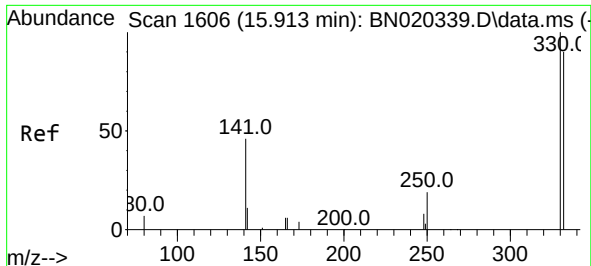
Tgt Ion:142 Resp: 742
Ion Ratio Lower Upper
142 100
141 98.9 71.6 107.4
115 121.5 29.8 44.8#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.410 min Scan# 1465
Delta R.T. -0.011 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

Tgt Ion:164 Resp: 8413
Ion Ratio Lower Upper
164 100
162 75.6 82.1 123.1#
160 63.0 38.6 58.0#

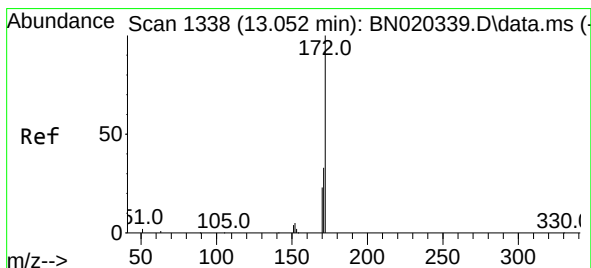
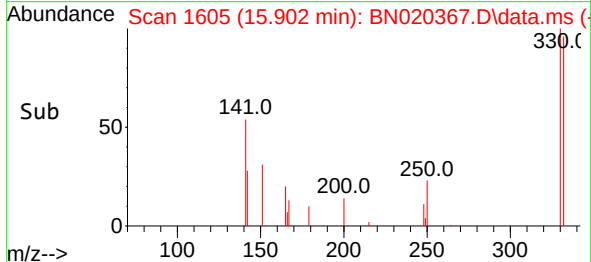
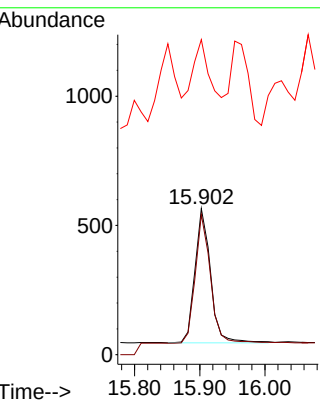
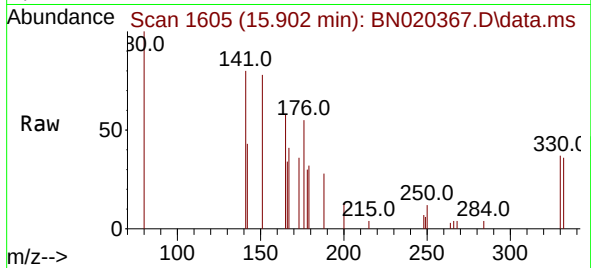




#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.902 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

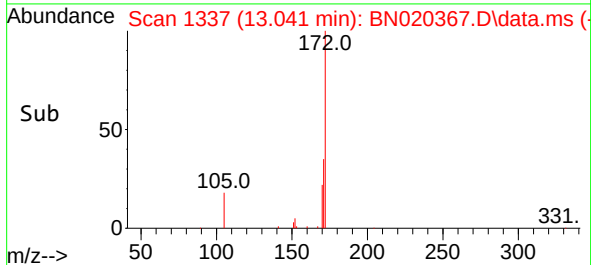
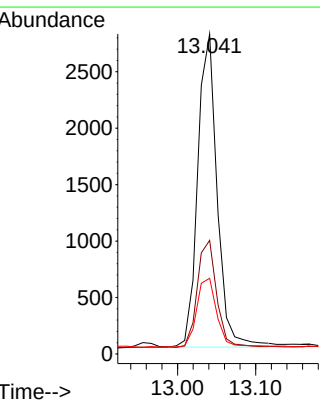
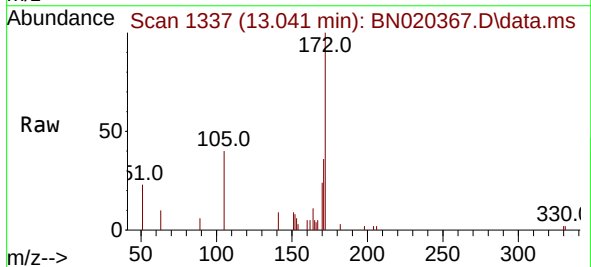
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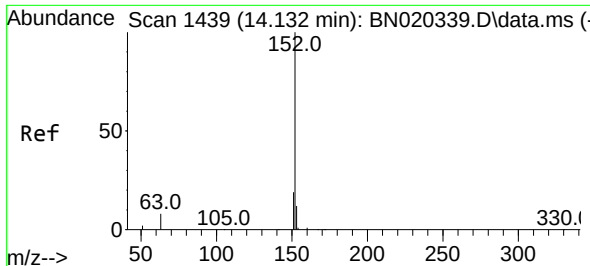
Tgt Ion:330 Resp: 863
Ion Ratio Lower Upper
330 100
332 93.0 77.6 116.4
141 78.9 41.0 61.4#



#15
2-Fluorobiphenyl
Concen: 0.159 ng
RT: 13.041 min Scan# 1337
Delta R.T. -0.011 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

Tgt Ion:172 Resp: 4791
Ion Ratio Lower Upper
172 100
171 35.5 27.2 40.8
170 23.7 18.2 27.4

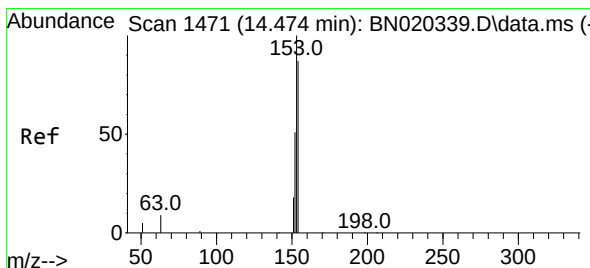
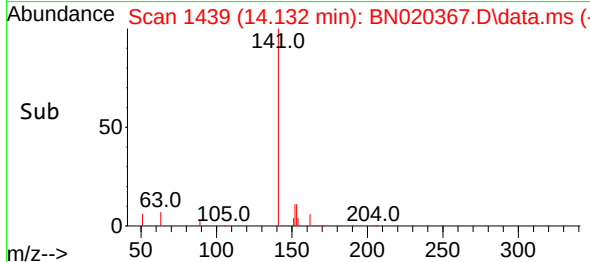
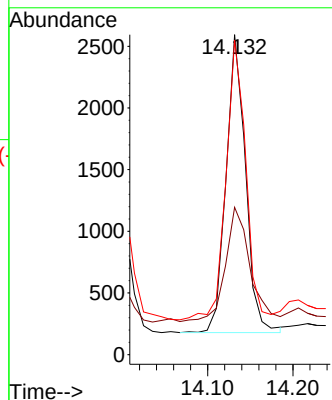
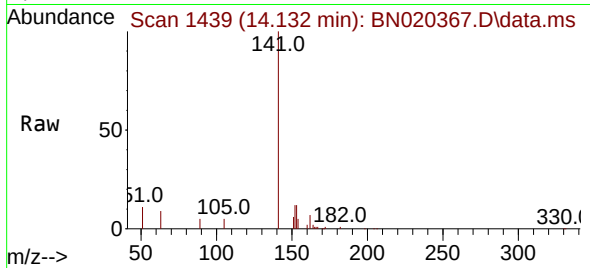




#16
Acenaphthylene
Concen: 0.097 ng
RT: 14.132 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

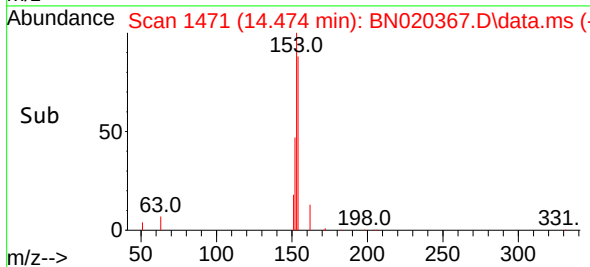
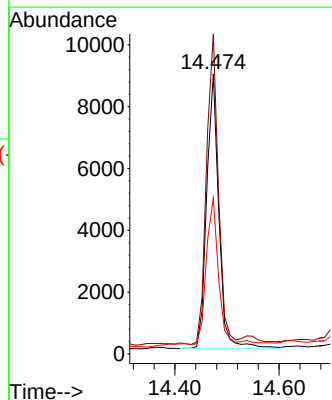
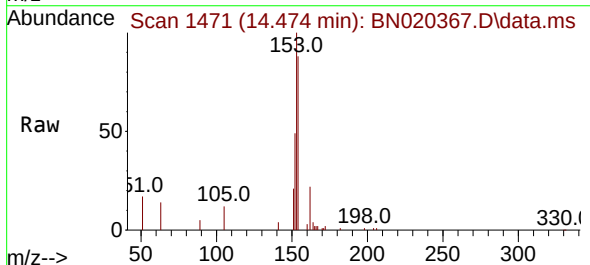
Instrument :
BNA_N
ClientSampleId :
MW-48

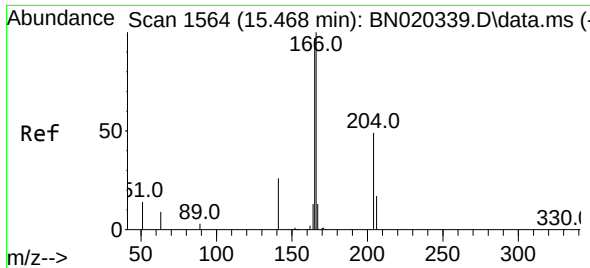
Tgt Ion:152 Resp: 3818
Ion Ratio Lower Upper
152 100
151 48.5 16.2 24.4#
153 95.4 10.7 16.1#



#17
Acenaphthene
Concen: 0.521 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

Tgt Ion:154 Resp: 14302
Ion Ratio Lower Upper
154 100
153 109.4 87.5 131.3
152 53.0 43.8 65.6

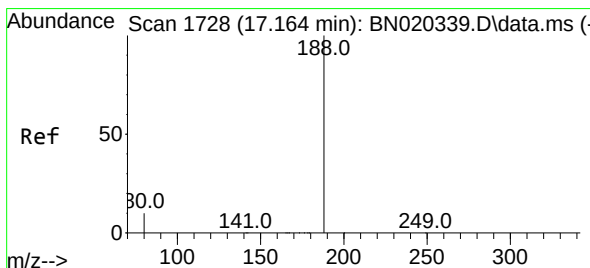
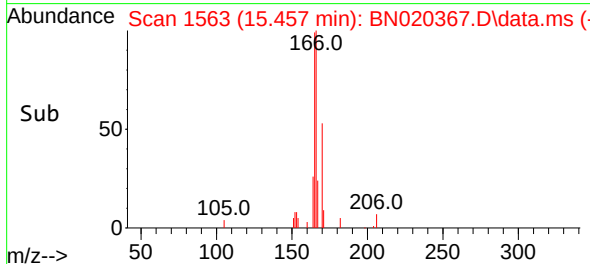
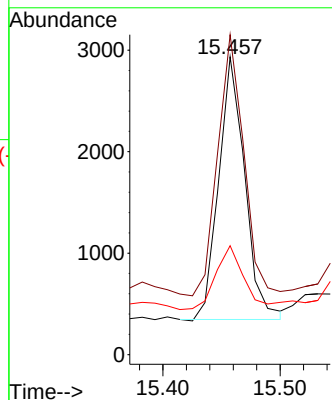
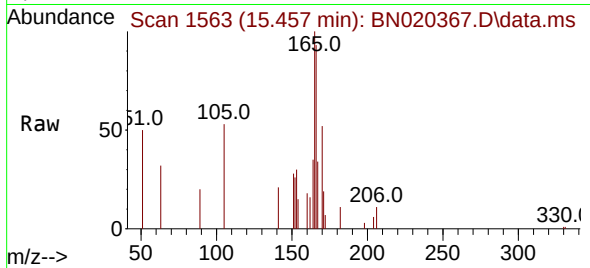




#18
Fluorene
Concen: 0.101 ng
RT: 15.457 min Scan# 1563
Delta R.T. -0.011 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

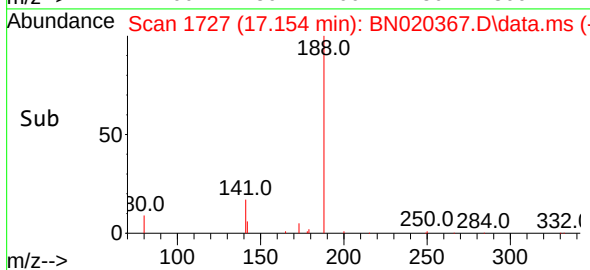
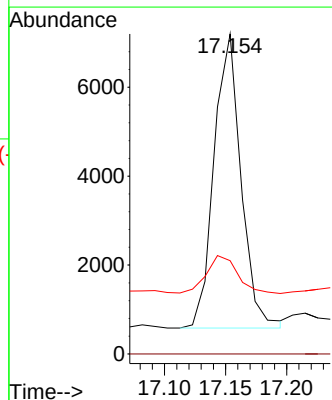
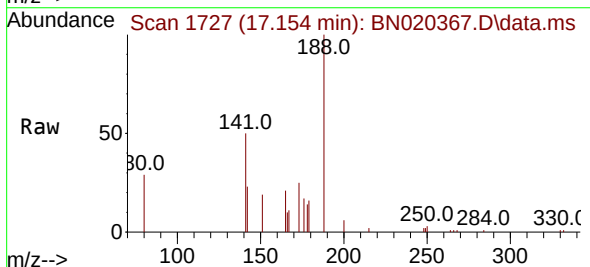
Instrument :
BNA_N
ClientSampleId :
MW-48

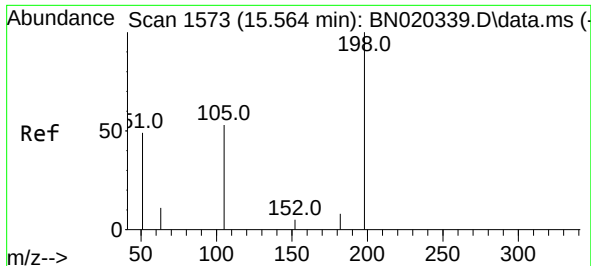
Tgt Ion:166 Resp: 4001
Ion Ratio Lower Upper
166 100
165 99.2 78.6 118.0
167 25.7 10.8 16.2#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.154 min Scan# 1727
Delta R.T. -0.010 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

Tgt Ion:188 Resp: 10176
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 29.1 7.4 11.2#

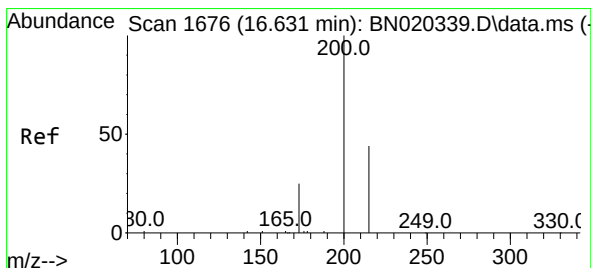
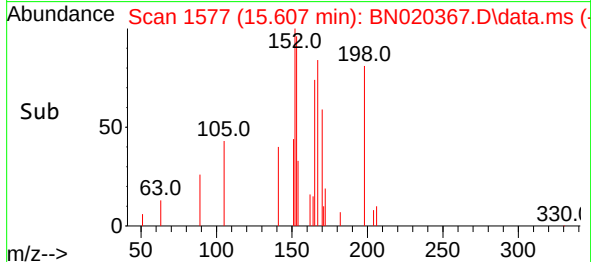
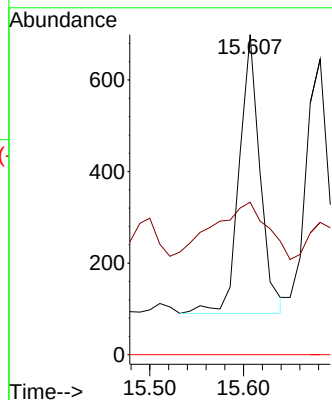
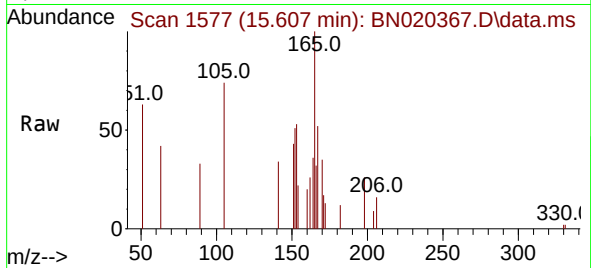




#20
4,6-Dinitro-2-methylphenol
Concen: 0.560 ng
RT: 15.607 min Scan# 11
Delta R.T. 0.043 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

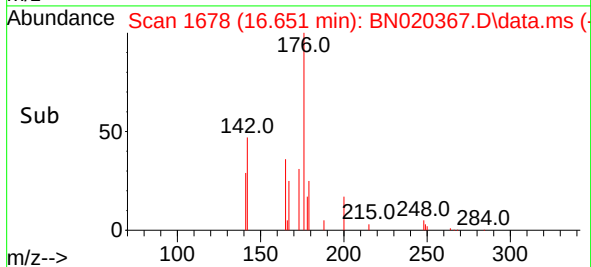
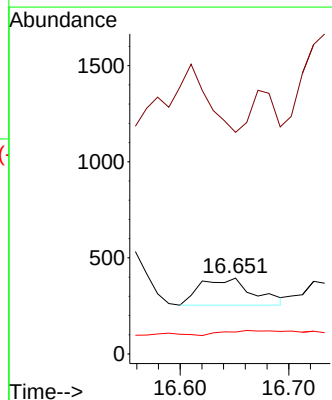
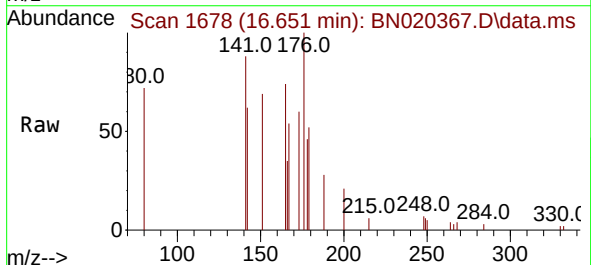
Instrument :
BNA_N
ClientSampleId :
MW-48

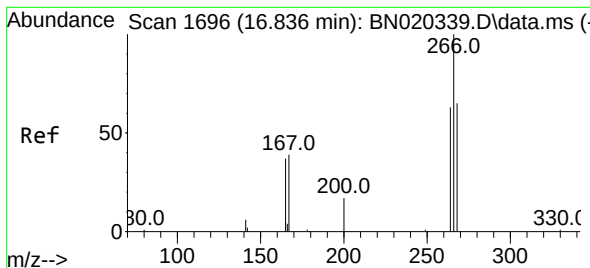
Tgt Ion:198 Resp: 944
Ion Ratio Lower Upper
198 100
182 47.6 12.1 18.1#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.113 ng
RT: 16.651 min Scan# 1678
Delta R.T. 0.020 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

Tgt Ion:200 Resp: 471
Ion Ratio Lower Upper
200 100
173 291.9 23.6 35.4#
215 28.9 36.6 54.8#





#24

Pentachlorophenol

Concen: 0.051 ng

RT: 16.815 min Scan# 1694

Delta R.T. -0.021 min

Lab File: BN020367.D

Acq: 23 Jun 2022 06:34

Instrument :

BNA_N

ClientSampleId :

MW-48

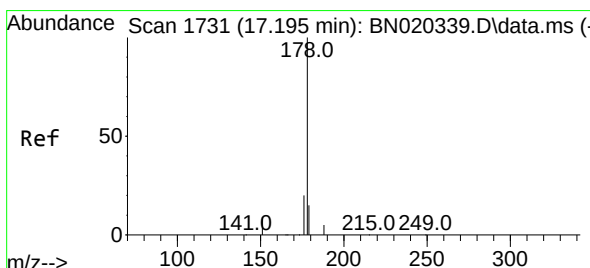
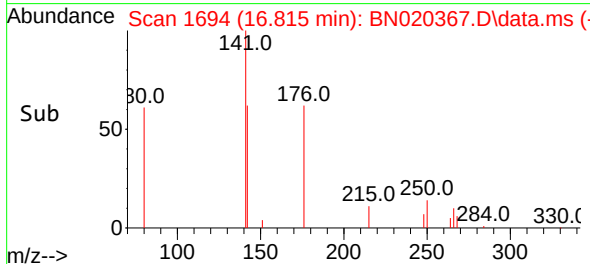
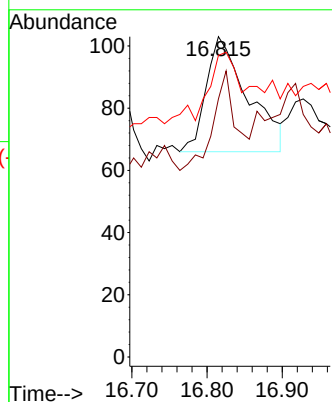
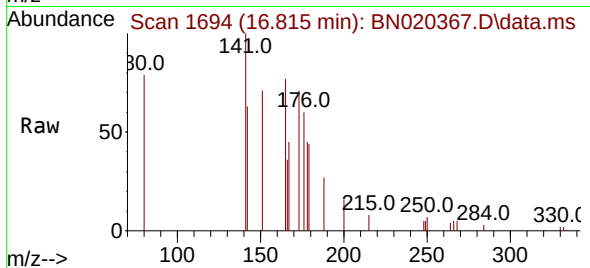
Tgt Ion:266 Resp: 143

Ion Ratio Lower Upper

266 100

264 49.0 51.3 76.9#

268 50.3 52.6 79.0#



#25

Phenanthrene

Concen: 0.022 ng

RT: 17.195 min Scan# 1731

Delta R.T. -0.000 min

Lab File: BN020367.D

Acq: 23 Jun 2022 06:34

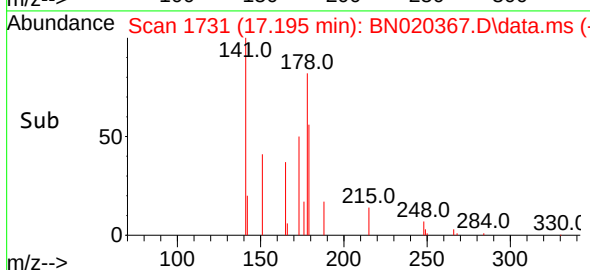
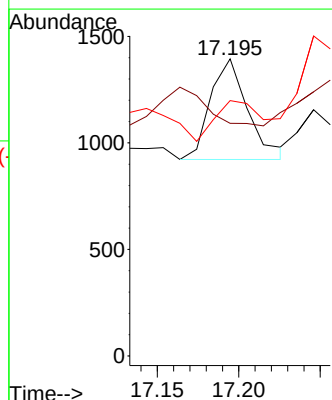
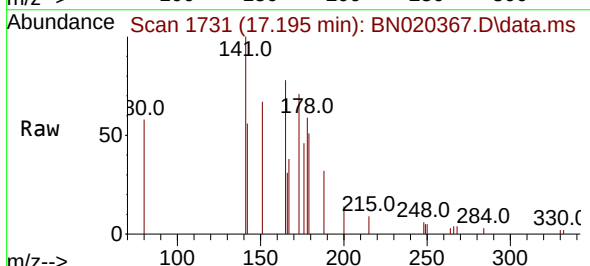
Tgt Ion:178 Resp: 758

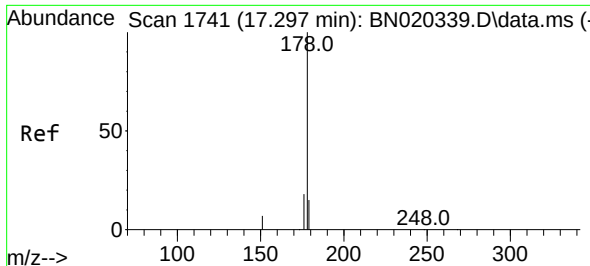
Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

179 46.6 12.2 18.4#

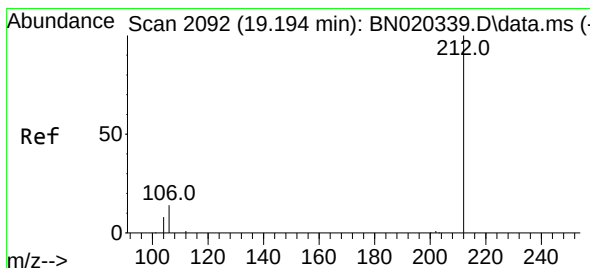
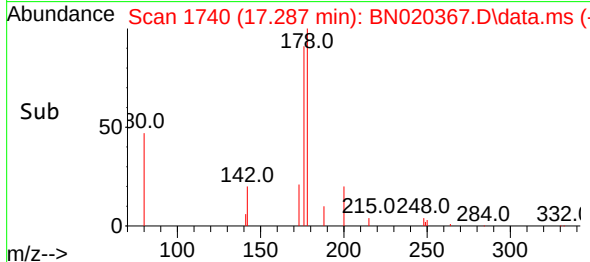
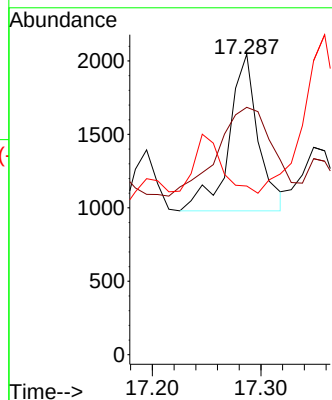
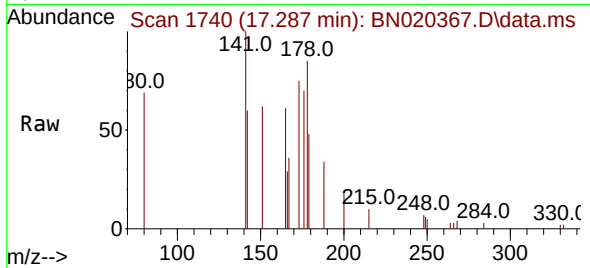




#26
 Anthracene
 Concen: 0.067 ng
 RT: 17.287 min Scan# 1740
 Delta R.T. -0.010 min
 Lab File: BN020367.D
 Acq: 23 Jun 2022 06:34

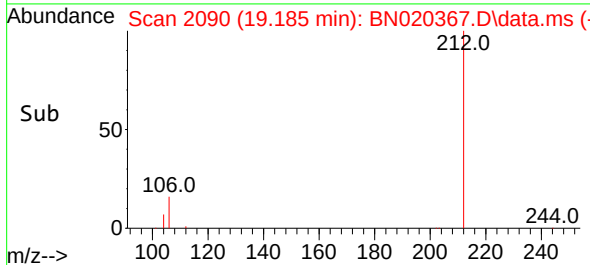
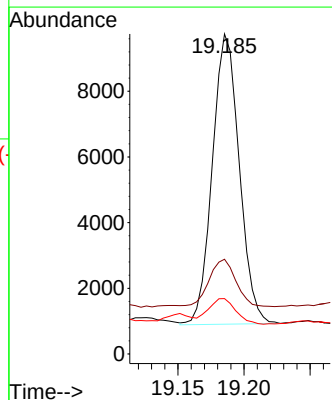
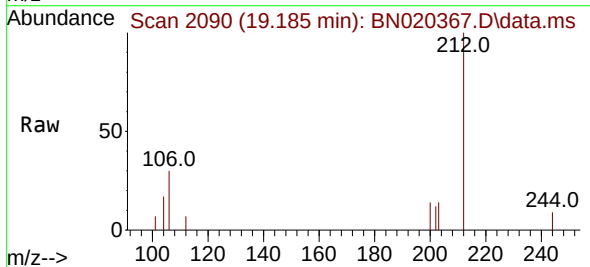
Instrument :
 BNA_N
 ClientSampleId :
 MW-48

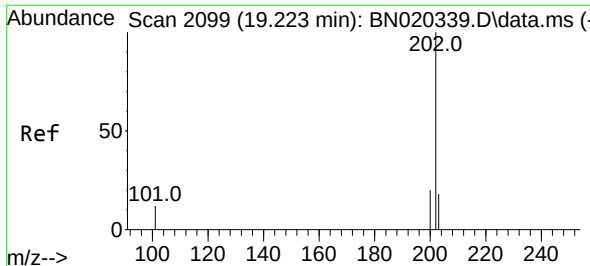
Tgt Ion:178 Resp: 2017
 Ion Ratio Lower Upper
 178 100
 176 107.1 14.9 22.3#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.351 ng
 RT: 19.185 min Scan# 2090
 Delta R.T. -0.008 min
 Lab File: BN020367.D
 Acq: 23 Jun 2022 06:34

Tgt Ion:212 Resp: 12536
 Ion Ratio Lower Upper
 212 100
 106 16.9 12.6 19.0
 104 8.8 7.2 10.8

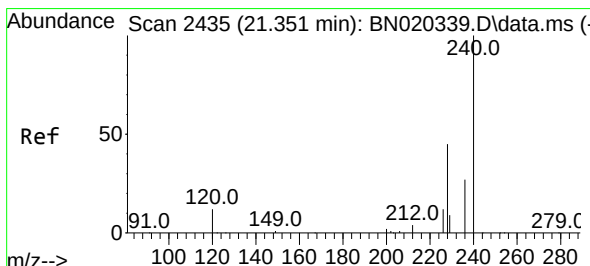
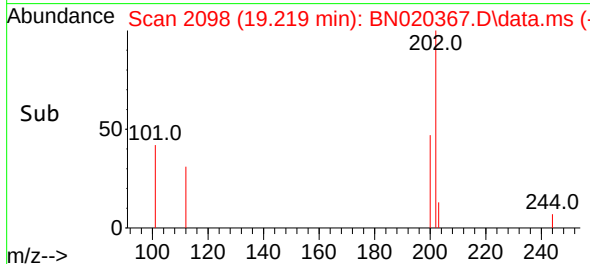
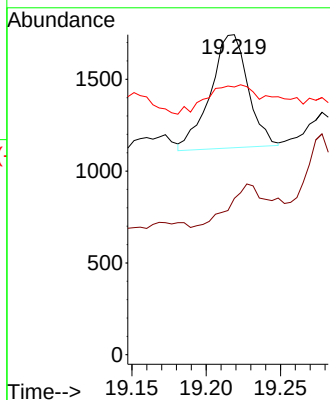
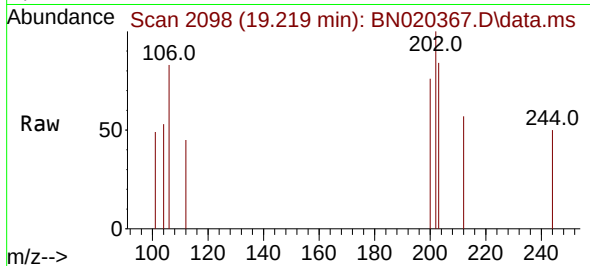




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.219 min Scan# 2098
Delta R.T. -0.004 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

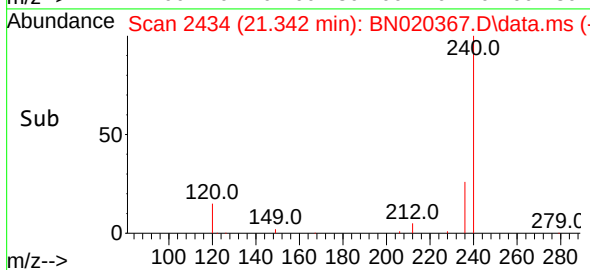
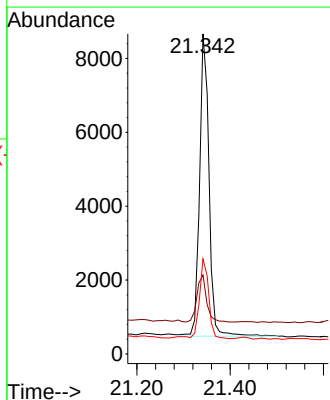
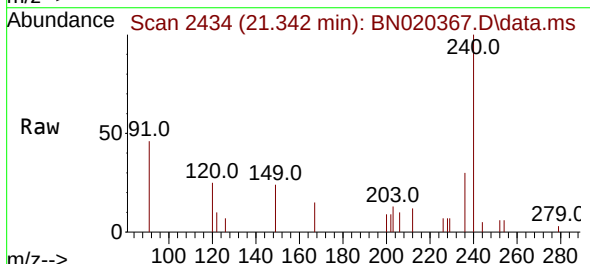
Instrument :
BNA_N
ClientSampleId :
MW-48

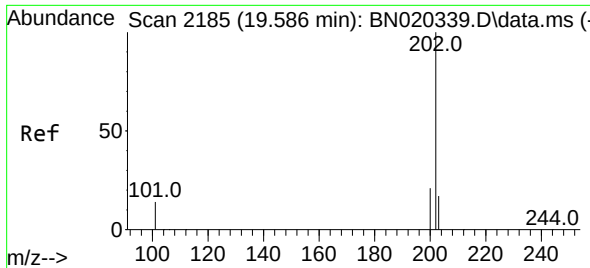
Tgt Ion:202 Resp: 1089
Ion Ratio Lower Upper
202 100
101 39.9 9.6 14.4#
203 46.1 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.342 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN020367.D
Acq: 23 Jun 2022 06:34

Tgt Ion:240 Resp: 11482
Ion Ratio Lower Upper
240 100
120 24.6 14.6 21.8#
236 29.7 22.6 33.8





#30

Pyrene

Concen: 0.043 ng

RT: 19.577 min Scan# 2185

Delta R.T. -0.008 min

Lab File: BN020367.D

Acq: 23 Jun 2022 06:34

Instrument :

BNA_N

ClientSampleId :

MW-48

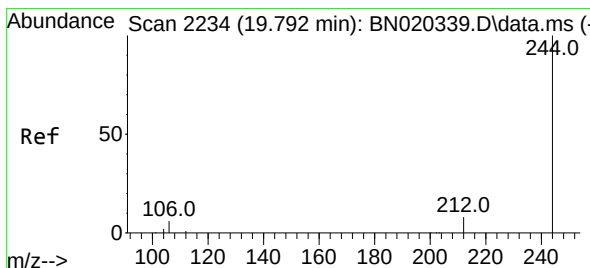
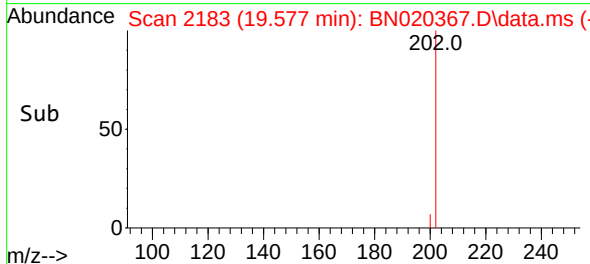
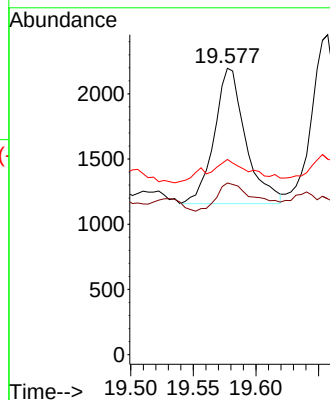
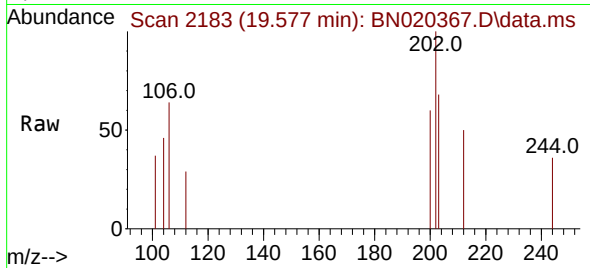
Tgt Ion:202 Resp: 1816

Ion Ratio Lower Upper

202 100

200 25.1 16.6 25.0#

203 12.3 14.2 21.2#



#31

Terphenyl-d14

Concen: 0.432 ng

RT: 19.784 min Scan# 2232

Delta R.T. -0.008 min

Lab File: BN020367.D

Acq: 23 Jun 2022 06:34

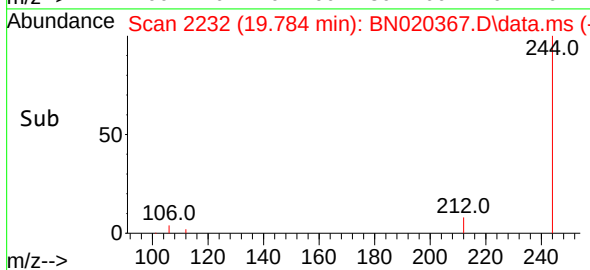
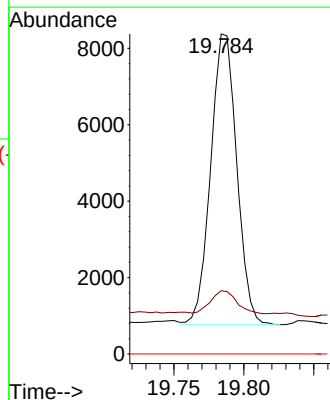
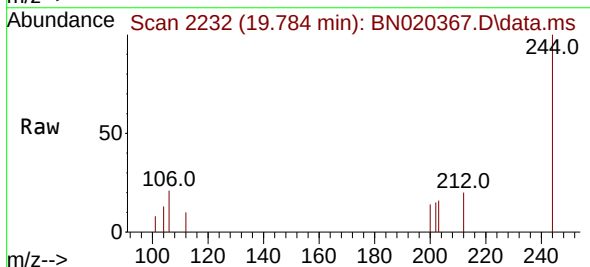
Tgt Ion:244 Resp: 9879

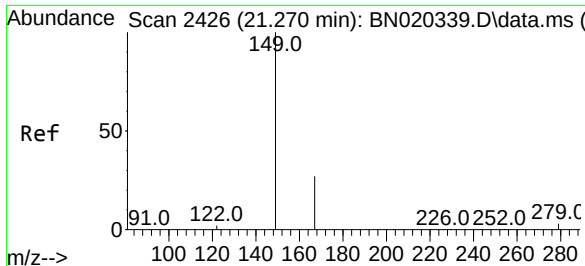
Ion Ratio Lower Upper

244 100

212 19.8 7.1 10.7#

122 0.0 0.0 0.0

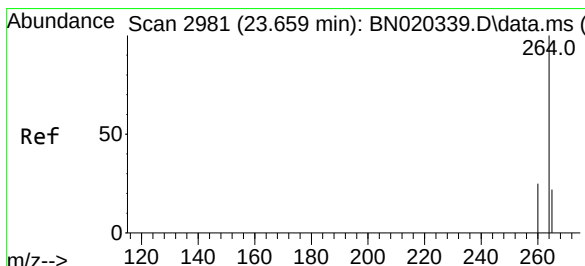
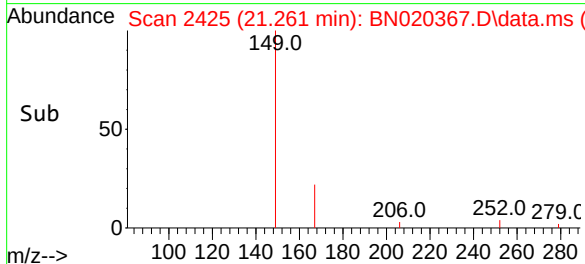
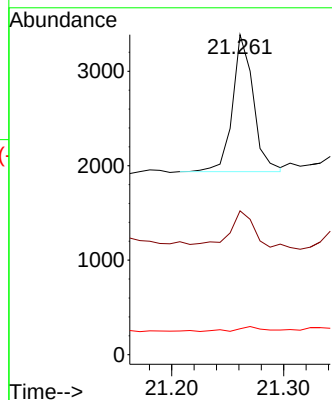
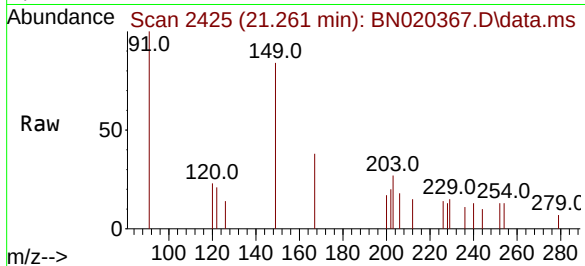




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 21.261 min Scan# 2425
 Delta R.T. -0.009 min
 Lab File: BN020367.D
 Acq: 23 Jun 2022 06:34

Instrument :
 BNA_N
 ClientSampleId :
 MW-48

Tgt Ion:149 Resp: 1874
 Ion Ratio Lower Upper
 149 100
 167 35.1 21.7 32.5#
 279 4.7 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.653 min Scan# 2979
 Delta R.T. -0.006 min
 Lab File: BN020367.D
 Acq: 23 Jun 2022 06:34

Tgt Ion:264 Resp: 12452
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.9 31.3
 265 38.9 28.0 42.0

