

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020478.D
 Acq On : 26 Jun 2022 23:07
 Operator : CG/JU
 Sample : N3354-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-62

Quant Time: Jun 27 02:52:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

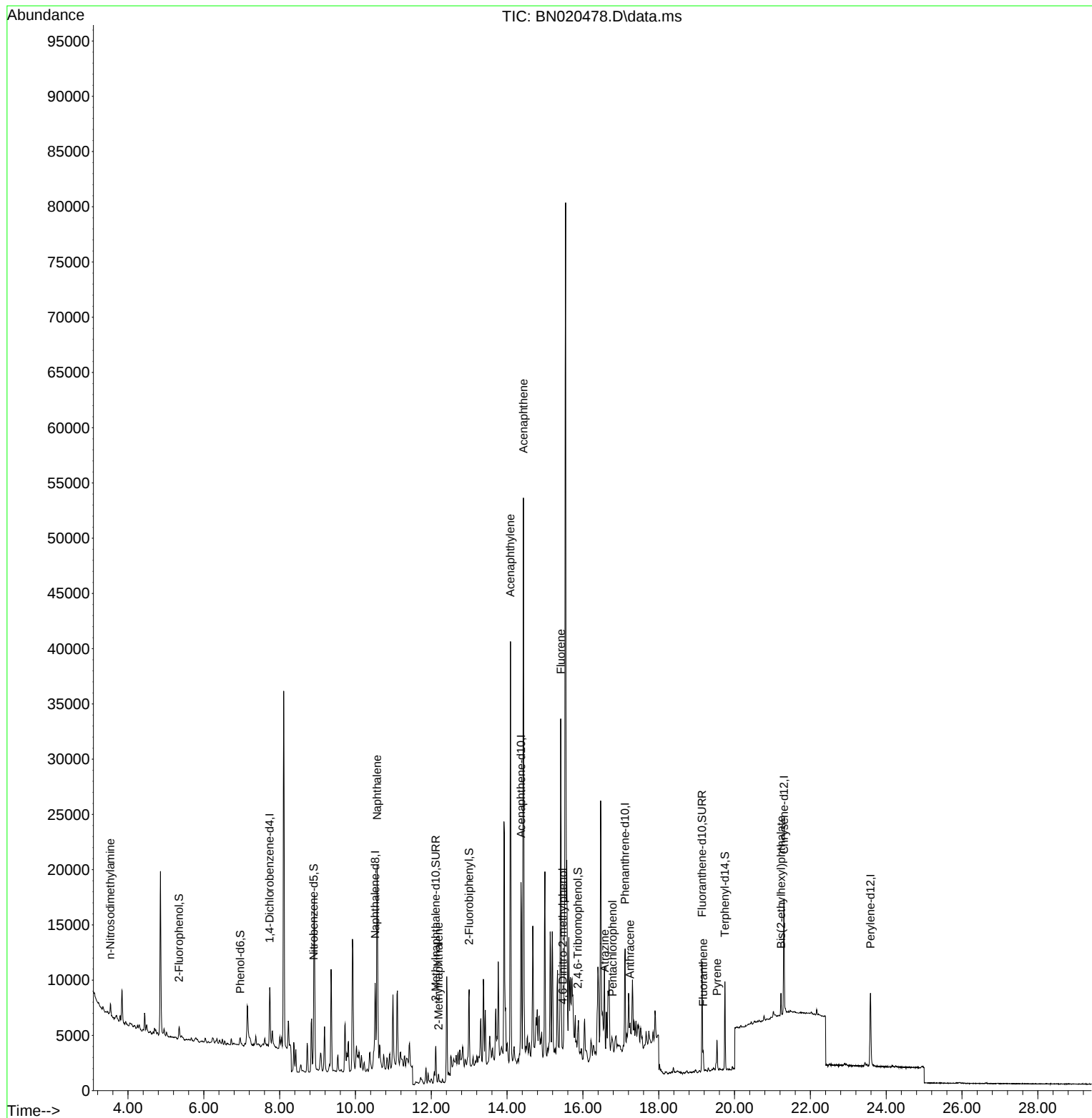
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2722	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	9262	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	6120	0.400	ng	# 0.00
19) Phenanthrene-d10	17.113	188	11571	0.400	ng	# 0.00
29) Chrysene-d12	21.306	240	10214	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	9481	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1190	0.157	ng	0.00
5) Phenol-d6	6.959	99	719	0.080	ng	0.01
8) Nitrobenzene-d5	8.897	82	2065	0.275	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	4876	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	798	0.346	ng	0.00
15) 2-Fluorobiphenyl	12.999	172	6631	0.262	ng	0.00
27) Fluoranthene-d10	19.143	212	10675	0.311	ng	0.00
31) Terphenyl-d14	19.746	244	8262	0.338	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.536	42	178	0.055	ng	# 15
9) Naphthalene	10.573	128	19448	0.703	ng	# 94
12) 2-Methylnaphthalene	12.193	142	572	0.031	ng	# 60
16) Acenaphthylene	14.089	152	4658	0.158	ng	# 11
17) Acenaphthene	14.431	154	25045	1.251	ng	97
18) Fluorene	15.415	166	15577	0.597	ng	# 98
20) 4,6-Dinitro-2-methylph...	15.468	198	19	0.234	ng	# 1
23) Atrazine	16.579	200	116	0.022	ng	# 1
24) Pentachlorophenol	16.785	266	17	0.191	ng	88
26) Anthracene	17.246	178	2722	0.081	ng	# 73
28) Fluoranthene	19.173	202	1567	0.037	ng	94
30) Pyrene	19.535	202	2505	0.058	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.225	149	1898	0.092	ng	# 94

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

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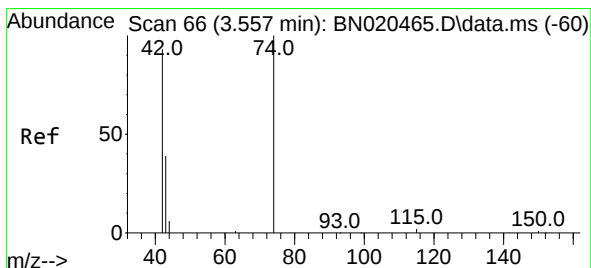
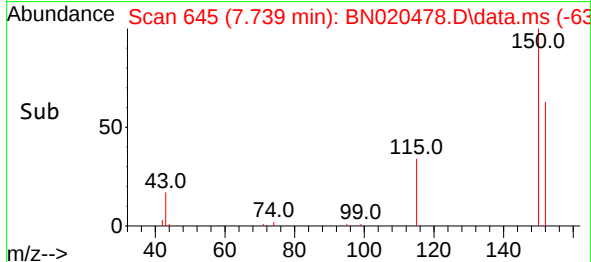
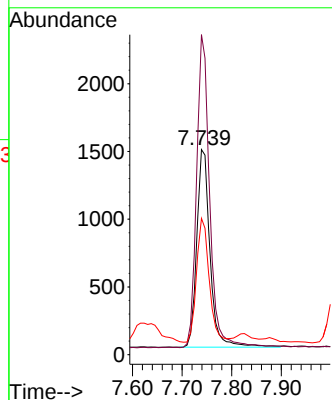
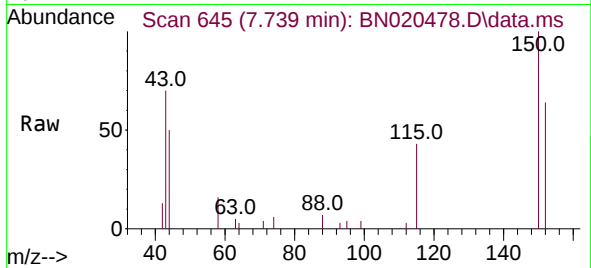




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

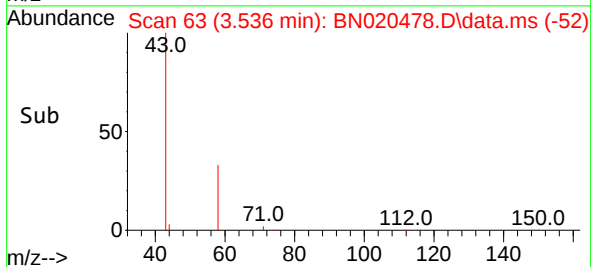
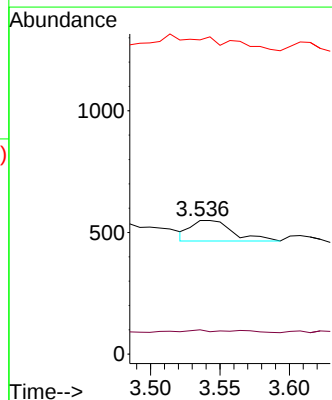
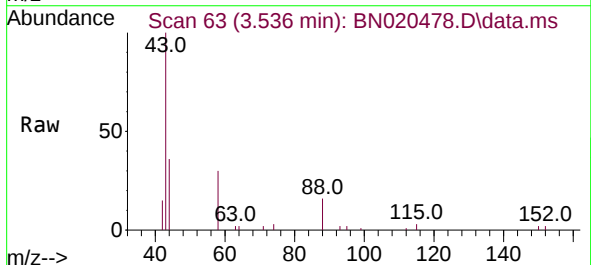
Instrument :
BNA_N
ClientSampleId :
MW-62

Tgt Ion:152 Resp: 2722
Ion Ratio Lower Upper
152 100
150 156.0 127.9 191.9
115 66.4 51.4 77.2



#3
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.536 min Scan# 63
Delta R.T. -0.022 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

Tgt Ion: 42 Resp: 178
Ion Ratio Lower Upper
42 100
74 10.7 84.0 126.0#
44 0.0 9.8 14.8#

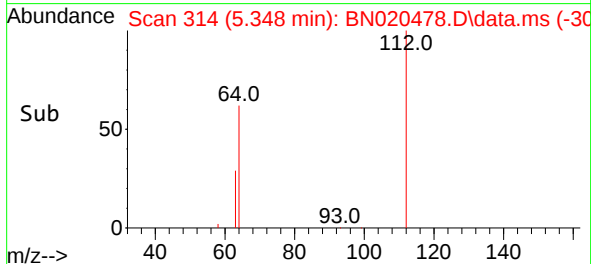
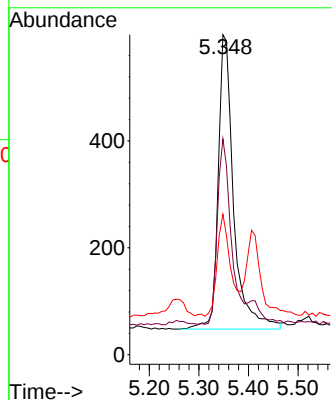
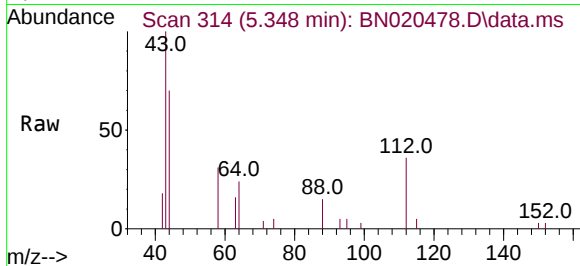




#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

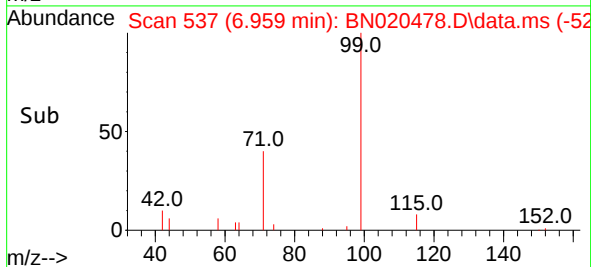
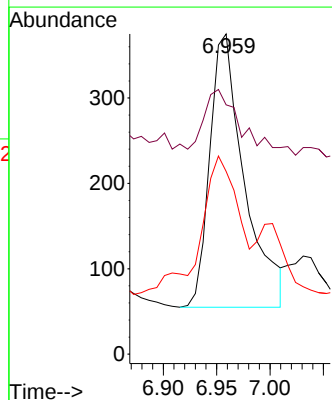
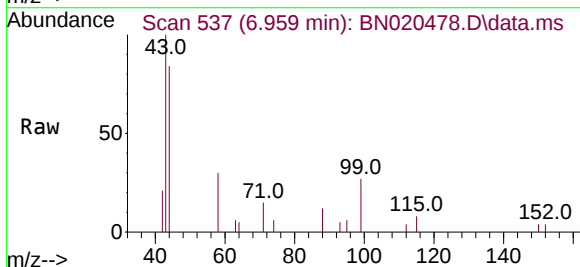
Instrument :
BNA_N
ClientSampleId :
MW-62

Tgt Ion:112 Resp: 1190
Ion Ratio Lower Upper
112 100
64 56.7 49.1 73.7
63 29.5 26.3 39.5



#5
Phenol-d6
Concen: 0.080 ng
RT: 6.959 min Scan# 537
Delta R.T. 0.014 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

Tgt Ion: 99 Resp: 719
Ion Ratio Lower Upper
99 100
42 26.1 19.3 28.9
71 54.5 27.5 41.3#

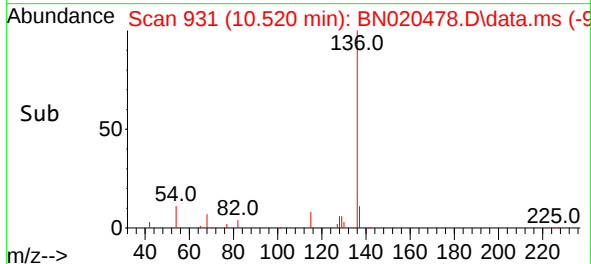
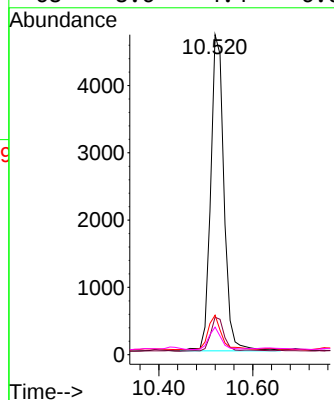
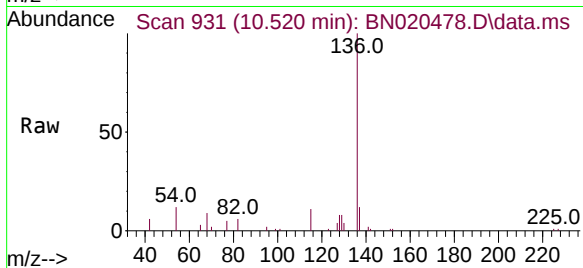




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

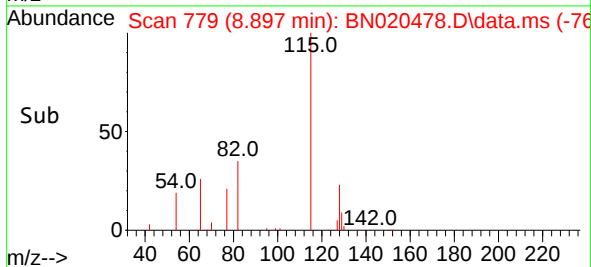
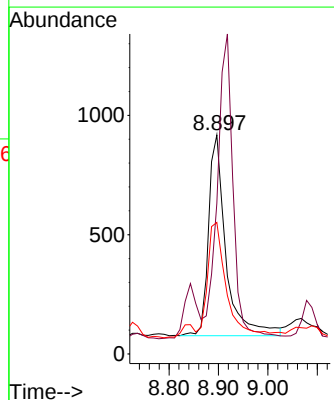
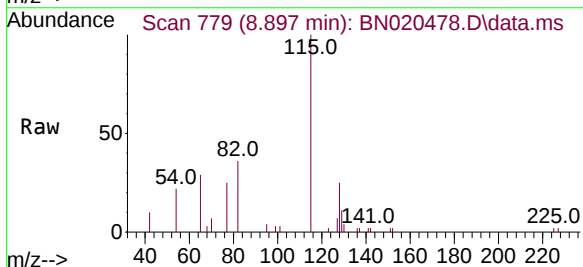
Instrument :
BNA_N
ClientSampleId :
MW-62

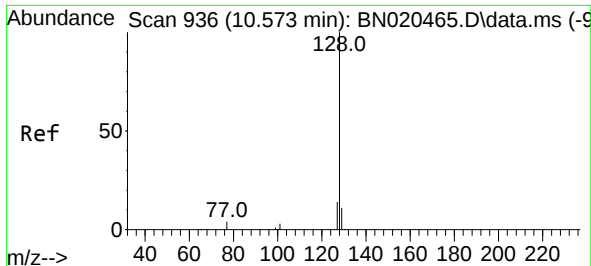
Tgt Ion:	136	Resp:	9262
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	12.4	6.2	9.2#
68	8.6	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 8.897 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

Tgt Ion:	82	Resp:	2065
Ion	Ratio	Lower	Upper
82	100		
128	68.7	35.0	52.6#
54	60.0	46.2	69.4

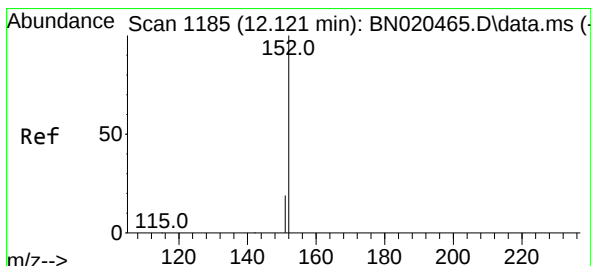
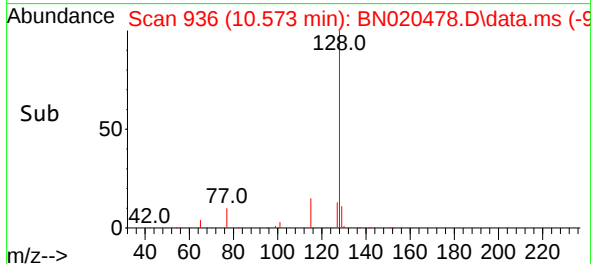
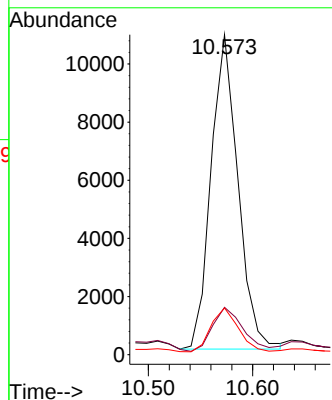
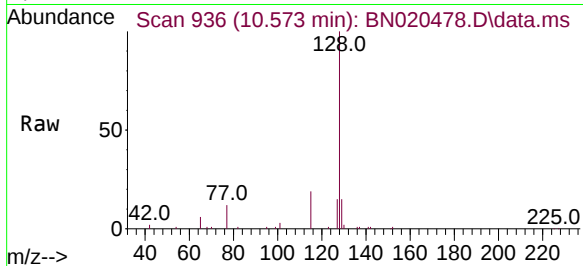




#9
Naphthalene
Concen: 0.703 ng
RT: 10.573 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

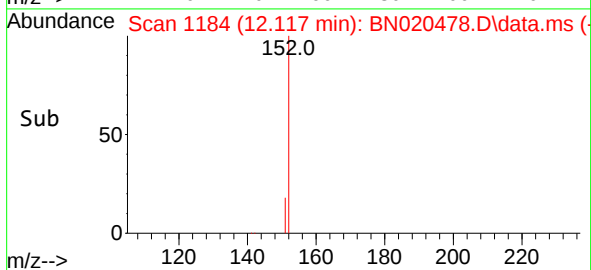
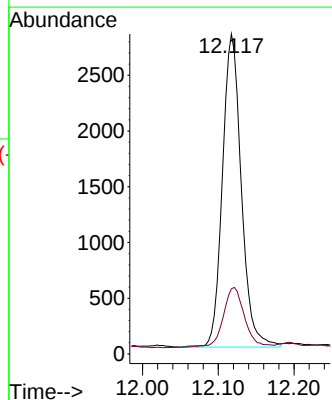
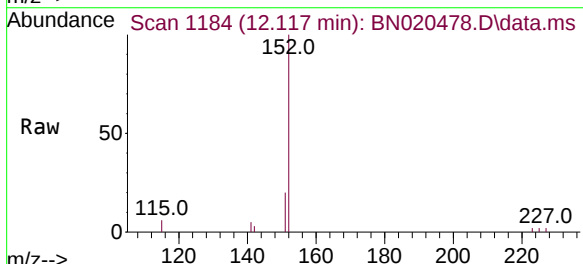
Instrument :
BNA_N
ClientSampleId :
MW-62

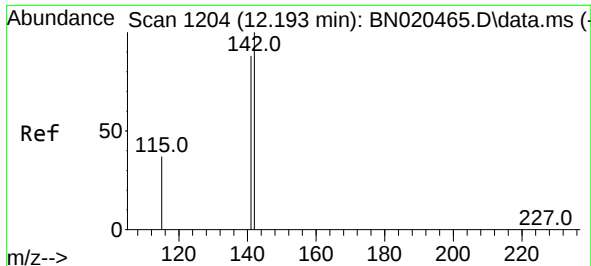
Tgt Ion:128 Resp: 19448
Ion Ratio Lower Upper
128 100
129 14.8 8.9 13.3#
127 14.6 10.8 16.2



#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

Tgt Ion:152 Resp: 4876
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.4

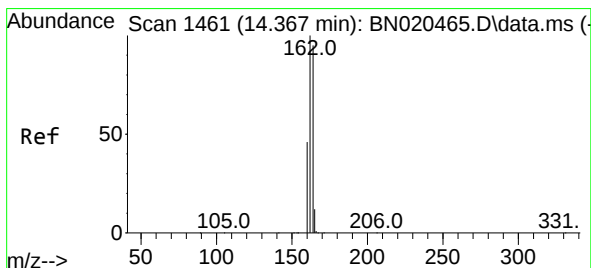
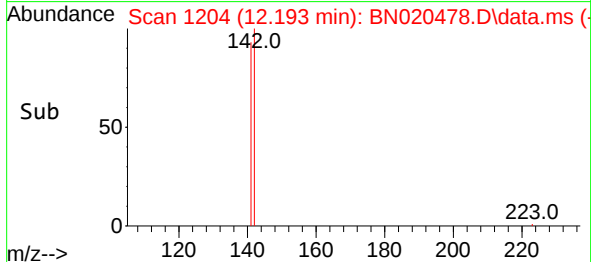
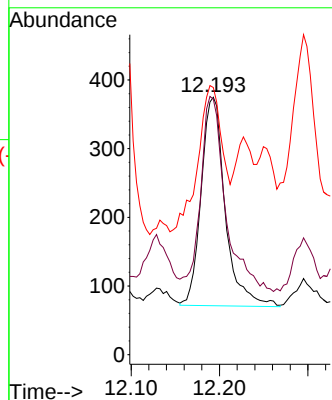
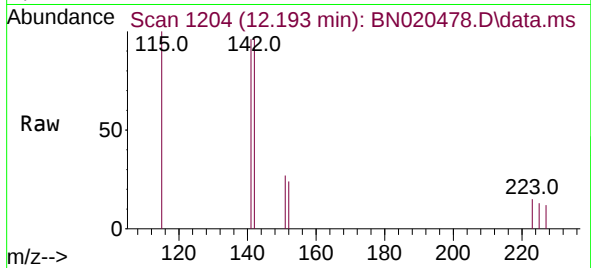




#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.193 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

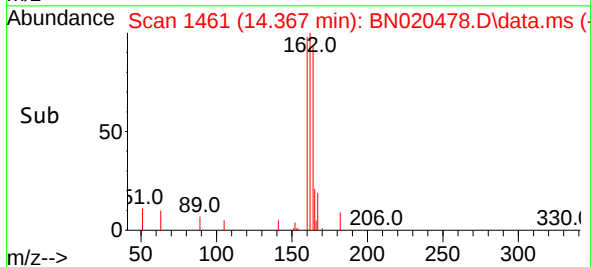
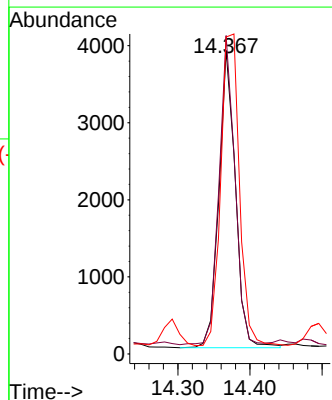
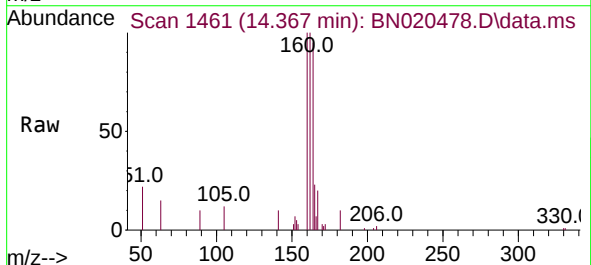
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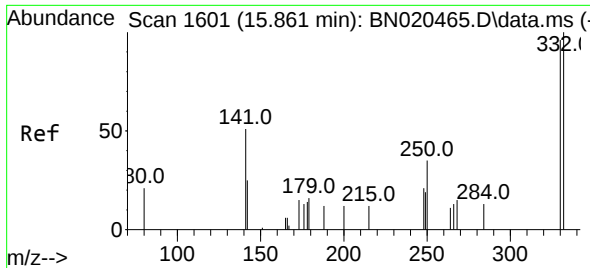
Tgt Ion:142 Resp: 572
Ion Ratio Lower Upper
142 100
141 99.2 71.6 107.4
115 103.7 29.8 44.8#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

Tgt Ion:164 Resp: 6120
Ion Ratio Lower Upper
164 100
162 104.9 82.1 123.1
160 104.4 38.6 58.0#

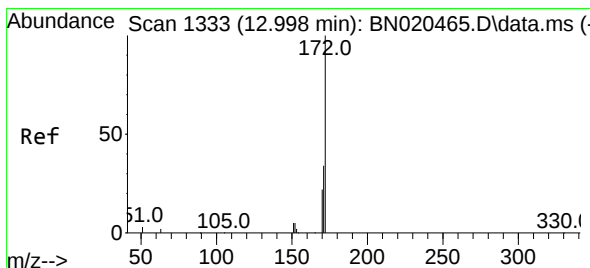
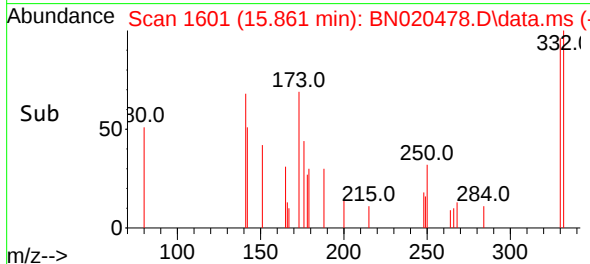
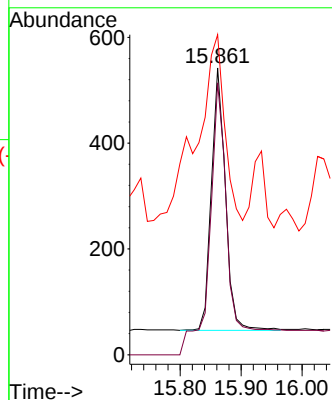
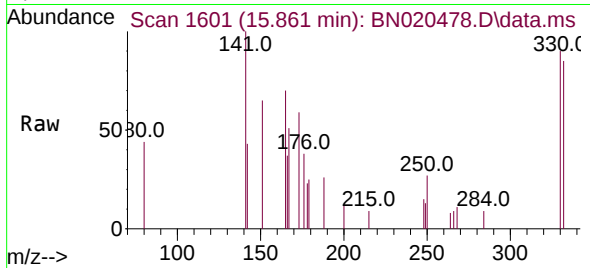




#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.861 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

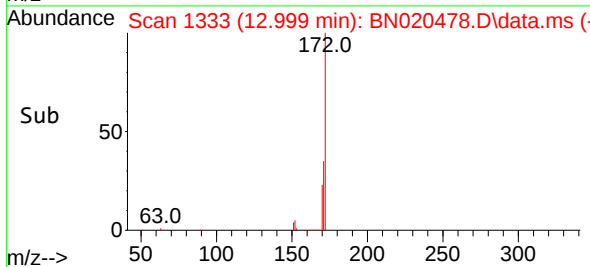
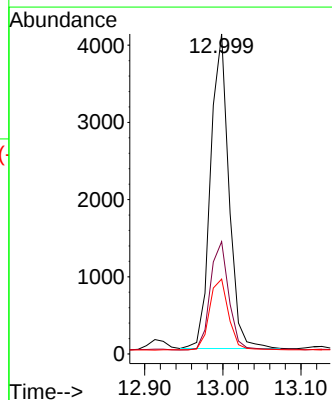
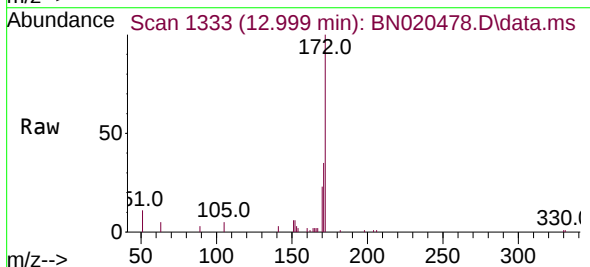
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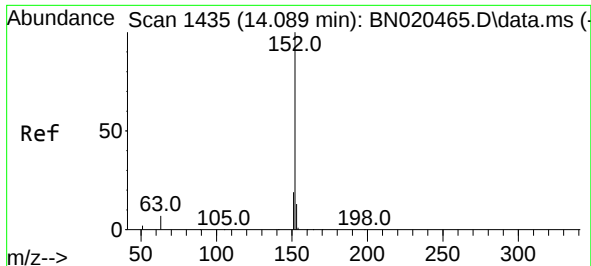
Tgt Ion:330 Resp: 798
Ion Ratio Lower Upper
330 100
332 153.1 77.6 116.4#
141 137.3 41.0 61.4#



#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 12.999 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

Tgt Ion:172 Resp: 6631
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 23.4 18.2 27.4

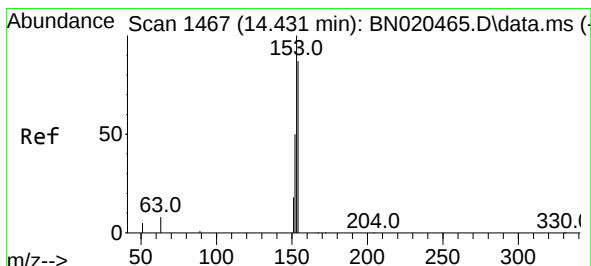
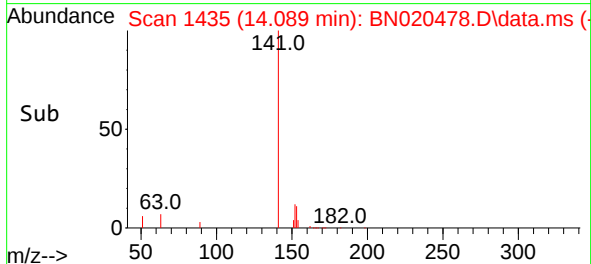
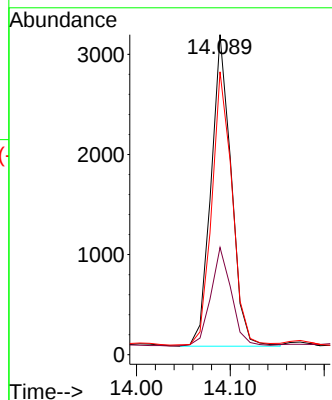
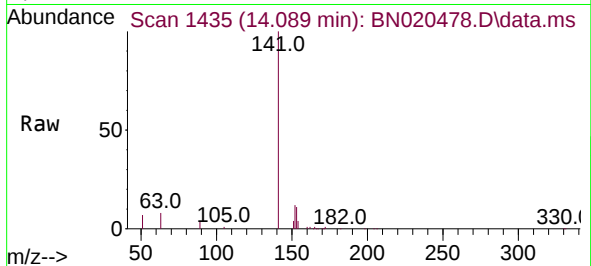




#16
Acenaphthylene
Concen: 0.158 ng
RT: 14.089 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

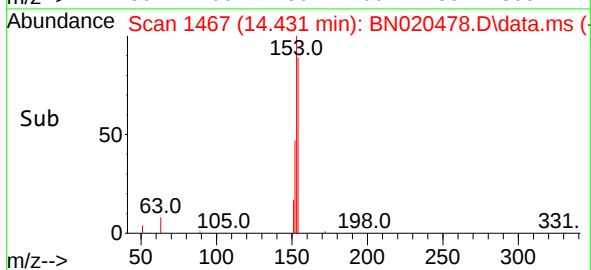
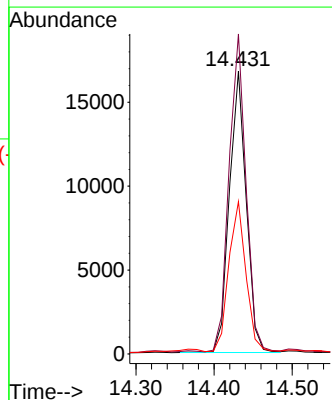
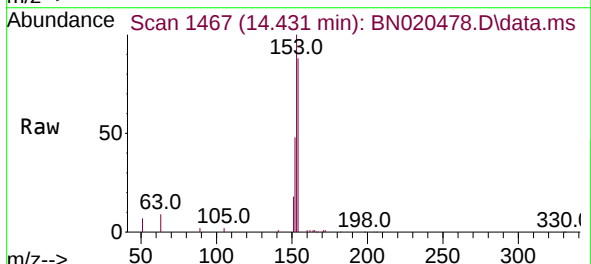
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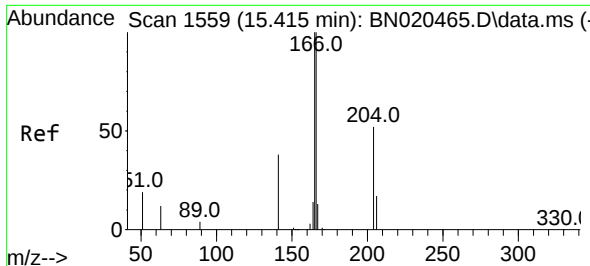
Tgt Ion:152 Resp: 4658
Ion Ratio Lower Upper
152 100
151 32.2 16.2 24.4#
153 87.9 10.7 16.1#



#17
Acenaphthene
Concen: 1.251 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

Tgt Ion:154 Resp: 25045
Ion Ratio Lower Upper
154 100
153 113.6 87.5 131.3
152 54.1 43.8 65.6

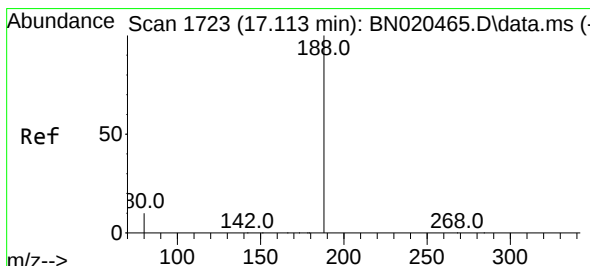
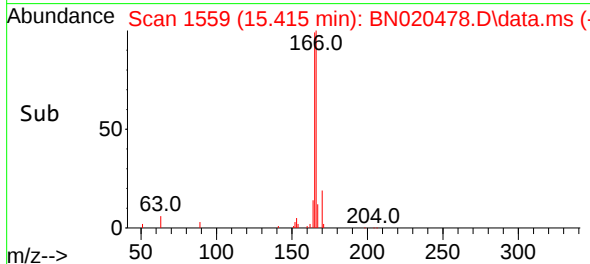
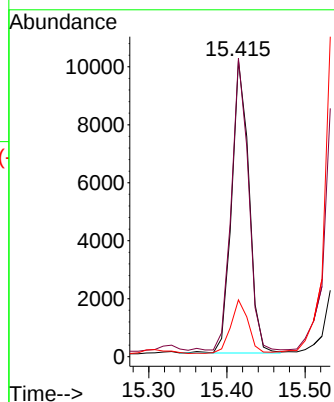
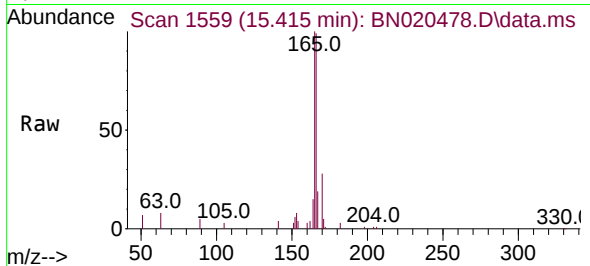




#18
Fluorene
Concen: 0.597 ng
RT: 15.415 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

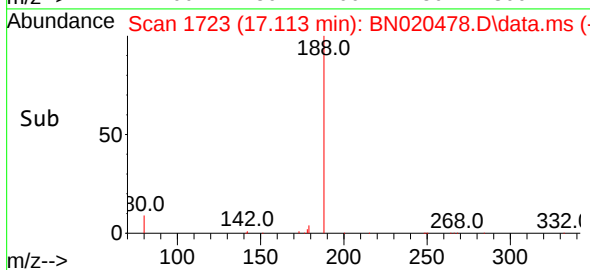
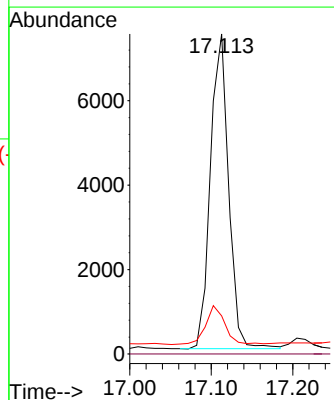
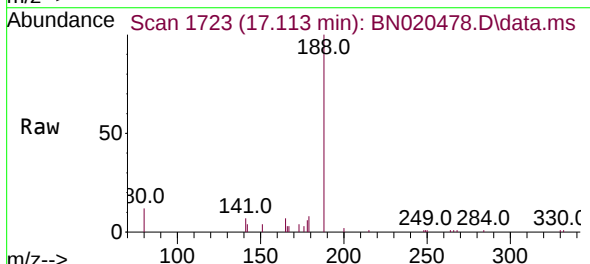
Instrument :
BNA_N
ClientSampleId :
MW-62

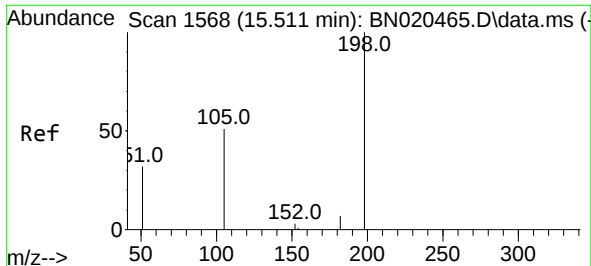
Tgt Ion:166 Resp: 15577
Ion Ratio Lower Upper
166 100
165 97.6 78.6 118.0
167 18.4 10.8 16.2#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

Tgt Ion:188 Resp: 11571
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 7.4 11.2#

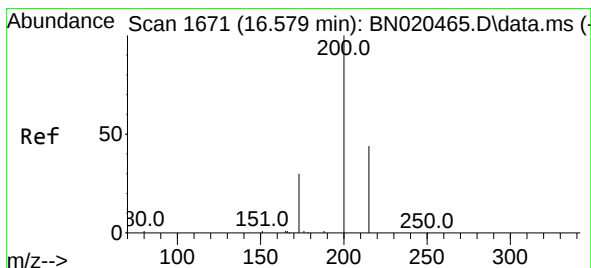
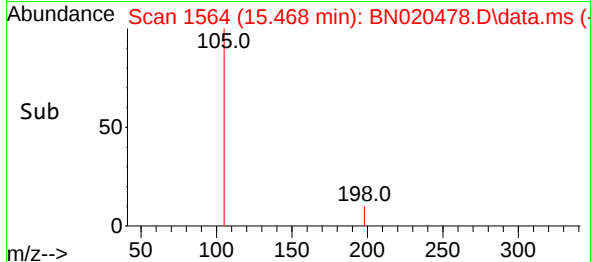
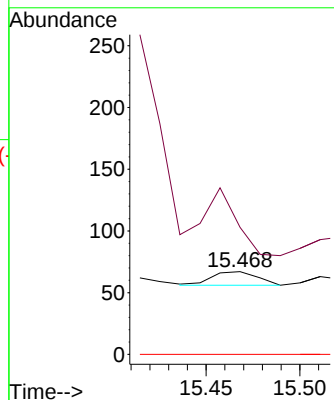
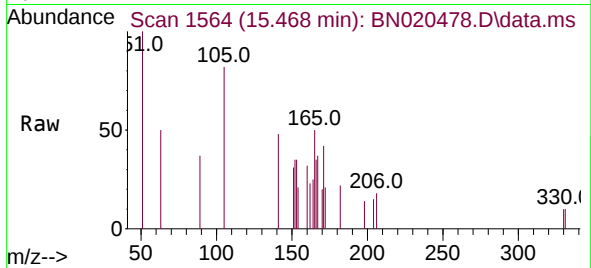




#20
4,6-Dinitro-2-methylphenol
Concen: 0.234 ng
RT: 15.468 min Scan# 1564
Delta R.T. -0.043 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

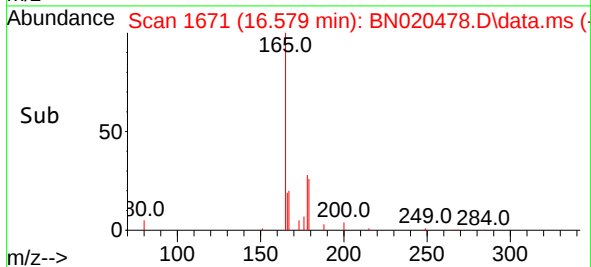
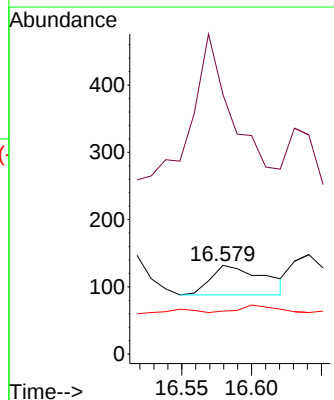
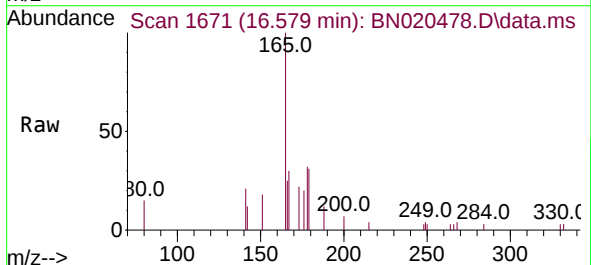
Instrument :
BNA_N
ClientSampleId :
MW-62

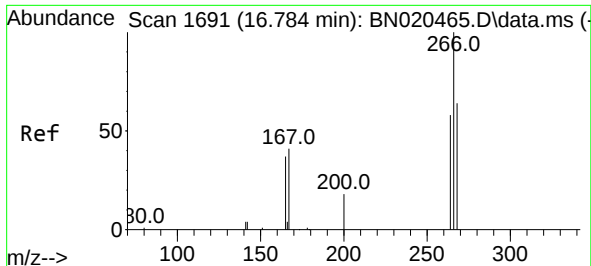
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
182 153.7 12.1 18.1#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.022 ng
RT: 16.579 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN020478.D
Acq: 26 Jun 2022 23:07

Tgt Ion:200 Resp: 116
Ion Ratio Lower Upper
200 100
173 292.4 23.6 35.4#
215 48.5 36.6 54.8

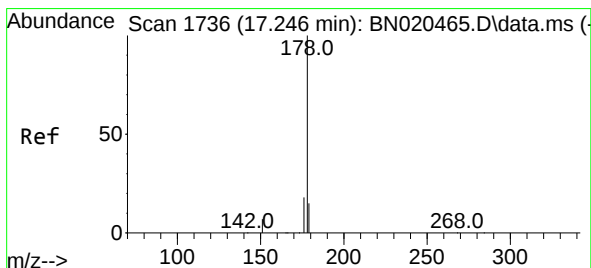
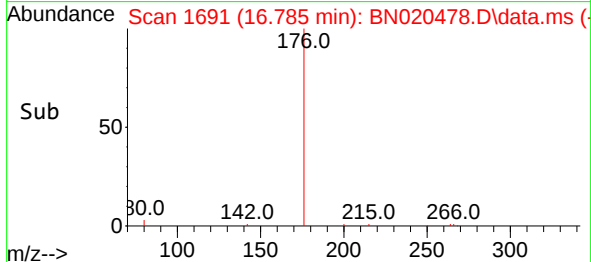
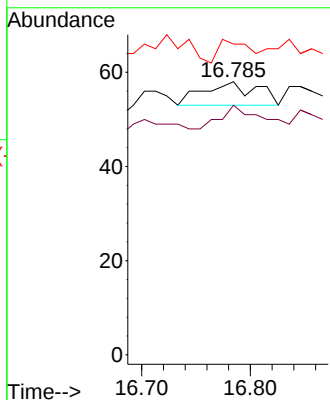
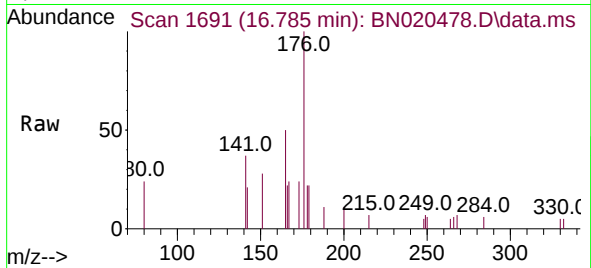




#24
 Pentachlorophenol
 Concen: 0.191 ng
 RT: 16.785 min Scan# 1691
 Delta R.T. 0.001 min
 Lab File: BN020478.D
 Acq: 26 Jun 2022 23:07

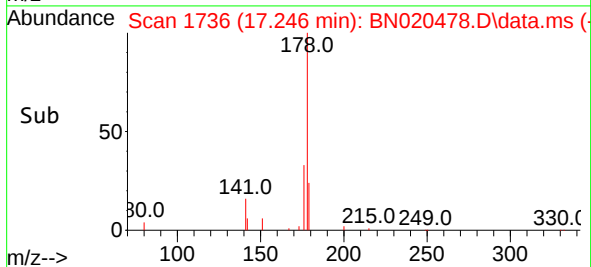
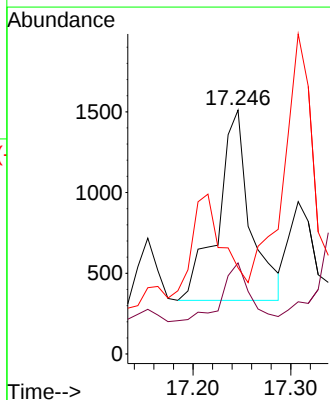
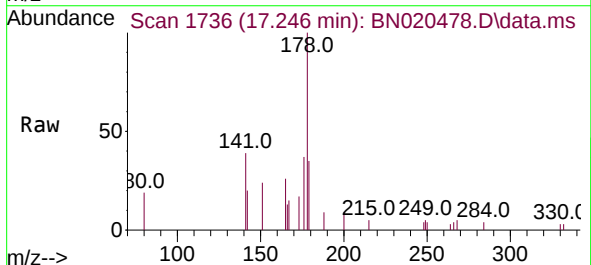
Instrument :
 BNA_N
 ClientSampleId :
 MW-62

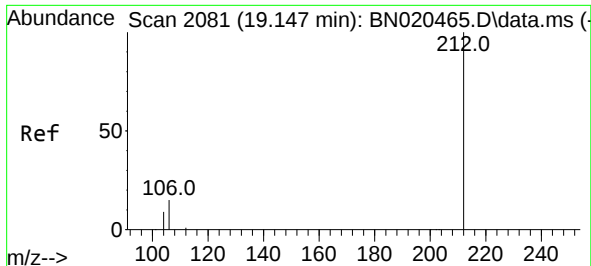
Tgt Ion:266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 70.6 51.3 76.9
 268 52.9 52.6 79.0



#26
 Anthracene
 Concen: 0.081 ng
 RT: 17.246 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: BN020478.D
 Acq: 26 Jun 2022 23:07

Tgt Ion:178 Resp: 2722
 Ion Ratio Lower Upper
 178 100
 176 26.8 14.9 22.3#
 179 0.0 12.2 18.4#





#27

Fluoranthene-d10

Concen: 0.311 ng

RT: 19.143 min Scan# 2081

Delta R.T. -0.004 min

Lab File: BN020478.D

Acq: 26 Jun 2022 23:07

Instrument :

BNA_N

ClientSampleId :

MW-62

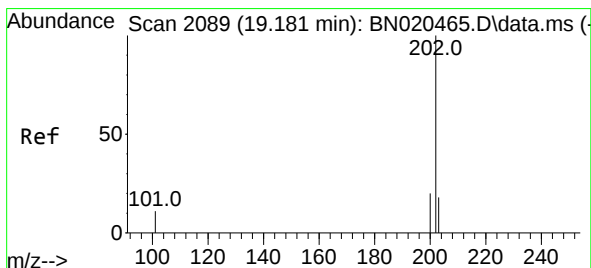
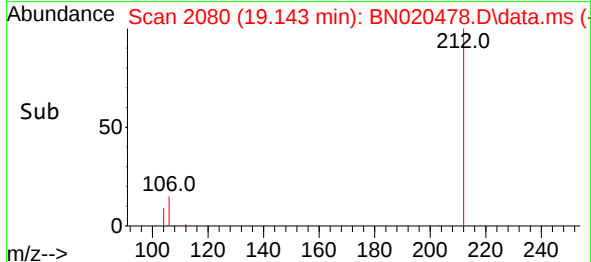
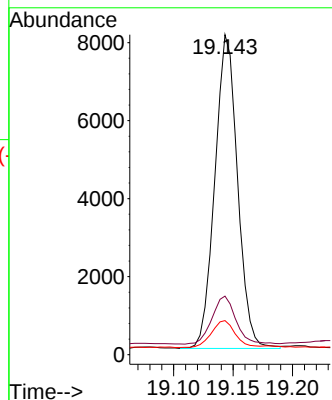
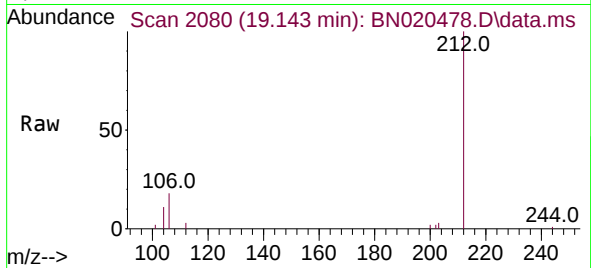
Tgt Ion:212 Resp: 10675

Ion Ratio Lower Upper

212 100

106 15.8 12.6 19.0

104 9.0 7.2 10.8



#28

Fluoranthene

Concen: 0.037 ng

RT: 19.173 min Scan# 2087

Delta R.T. -0.008 min

Lab File: BN020478.D

Acq: 26 Jun 2022 23:07

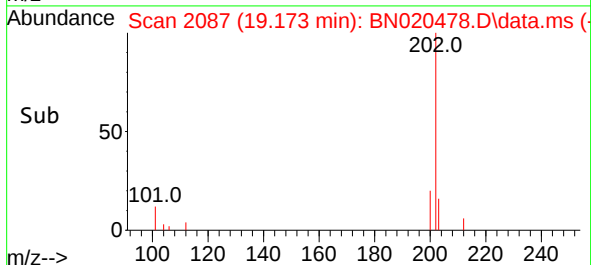
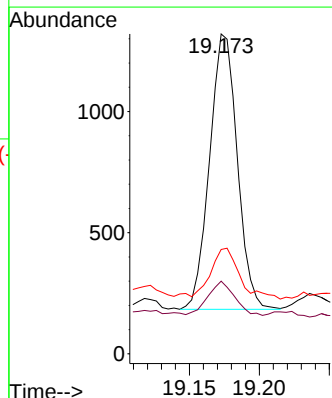
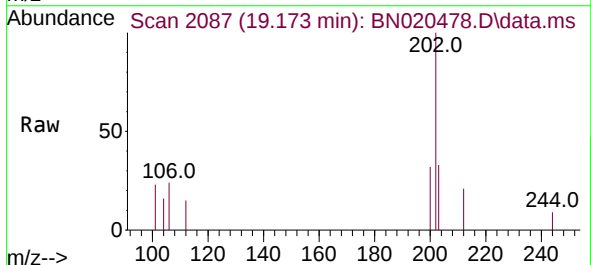
Tgt Ion:202 Resp: 1567

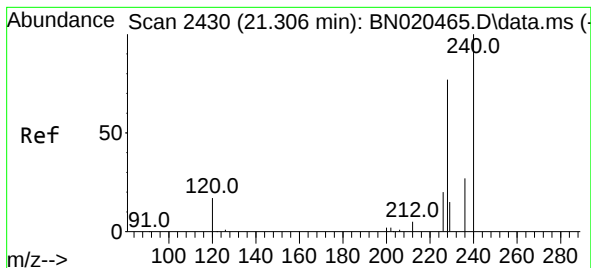
Ion Ratio Lower Upper

202 100

101 13.2 9.6 14.4

203 20.0 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.306 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BN020478.D

Acq: 26 Jun 2022 23:07

Instrument :

BNA_N

ClientSampleId :

MW-62

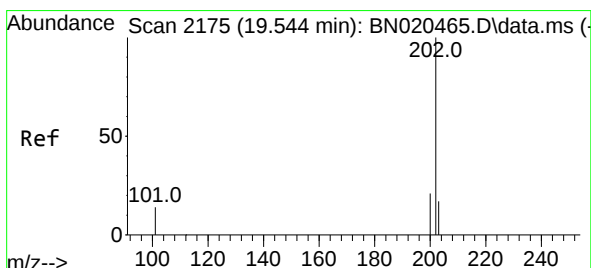
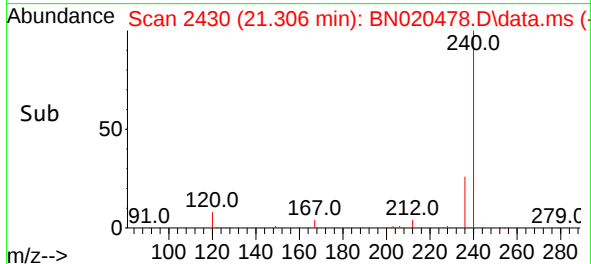
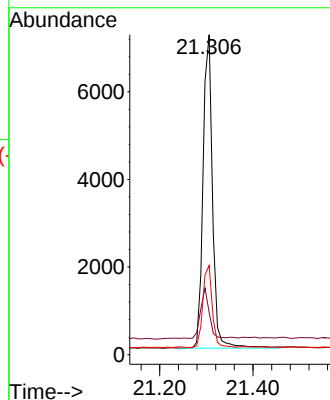
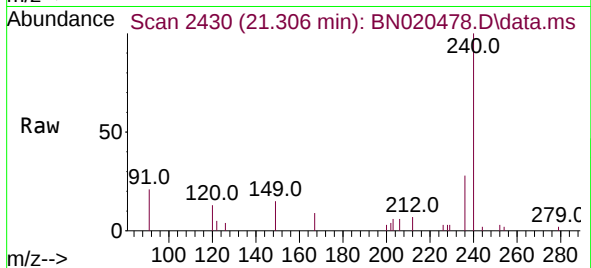
Tgt Ion:240 Resp: 10214

Ion Ratio Lower Upper

240 100

120 13.2 14.6 21.8#

236 27.9 22.6 33.8



#30

Pyrene

Concen: 0.058 ng

RT: 19.535 min Scan# 2173

Delta R.T. -0.008 min

Lab File: BN020478.D

Acq: 26 Jun 2022 23:07

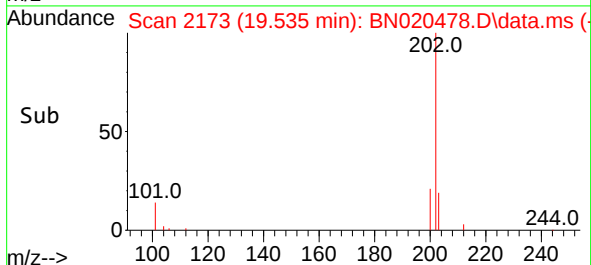
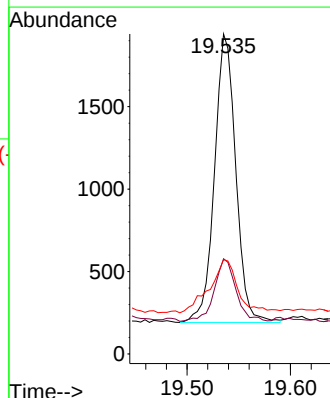
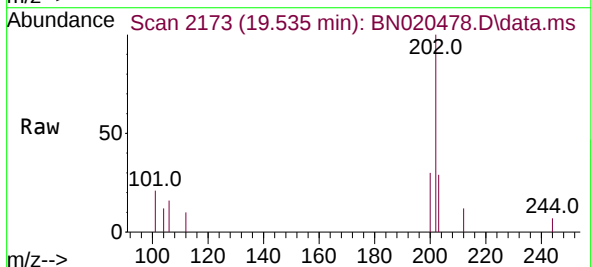
Tgt Ion:202 Resp: 2505

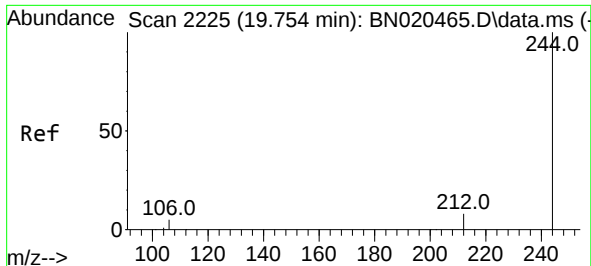
Ion Ratio Lower Upper

202 100

200 22.0 16.6 25.0

203 23.9 14.2 21.2#

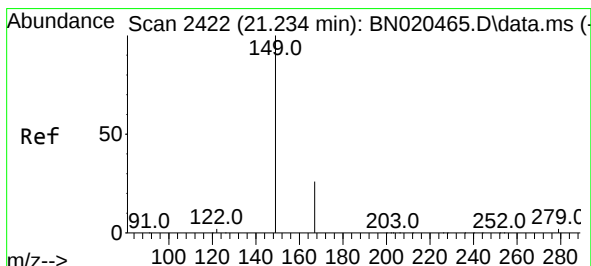
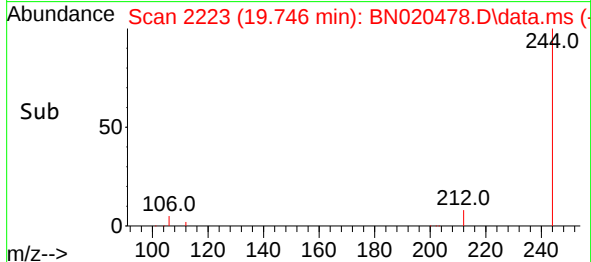
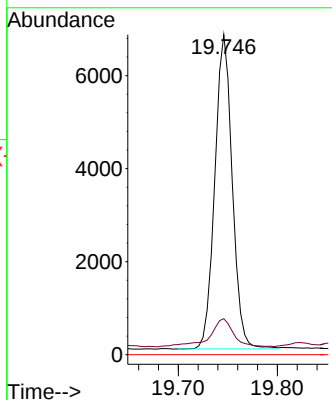
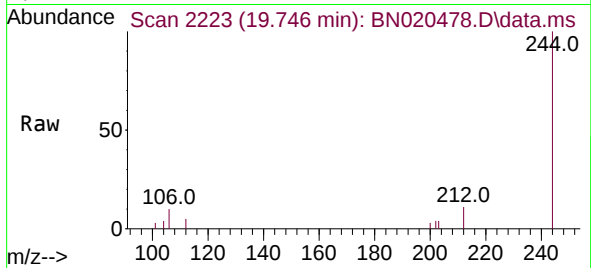




#31
 Terphenyl-d14
 Concen: 0.338 ng
 RT: 19.746 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN020478.D
 Acq: 26 Jun 2022 23:07

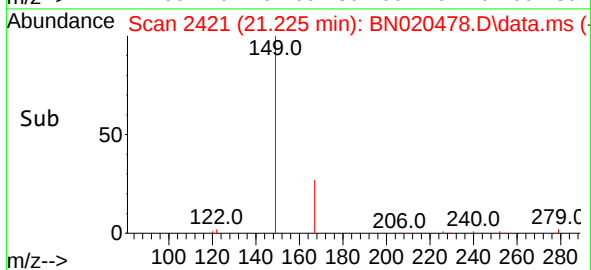
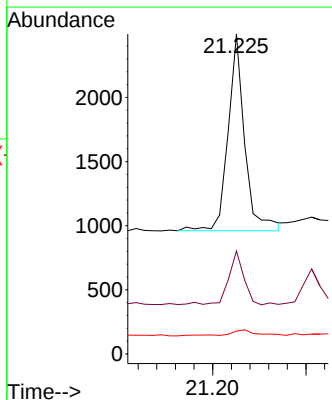
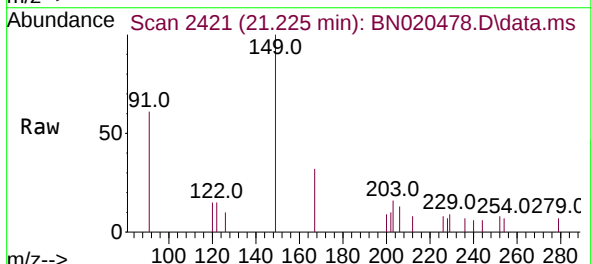
Instrument :
 BNA_N
 ClientSampleId :
 MW-62

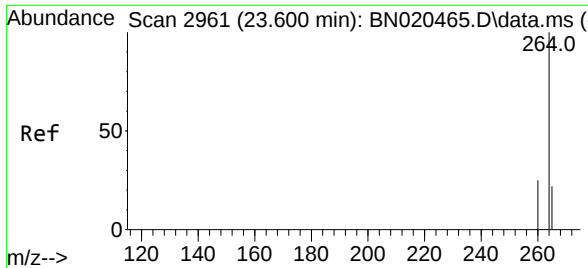
Tgt Ion:244 Resp: 8262
 Ion Ratio Lower Upper
 244 100
 212 11.2 7.1 10.7#
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.092 ng
 RT: 21.225 min Scan# 2421
 Delta R.T. -0.009 min
 Lab File: BN020478.D
 Acq: 26 Jun 2022 23:07

Tgt Ion:149 Resp: 1898
 Ion Ratio Lower Upper
 149 100
 167 23.9 21.7 32.5
 279 5.2 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2961
 Delta R.T. -0.015 min
 Lab File: BN020478.D
 Acq: 26 Jun 2022 23:07

Instrument :
 BNA_N
 ClientSampleId :
 MW-62

Tgt Ion:264	Resp:	9481
Ion	Ratio	Lower Upper
264	100	
260	26.5	20.9 31.3
265	41.6	28.0 42.0

