

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019187.D
 Acq On : 26 Mar 2022 11:32
 Operator : CG/JU
 Sample : N2090-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-48

Quant Time: Mar 28 09:11:43 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)

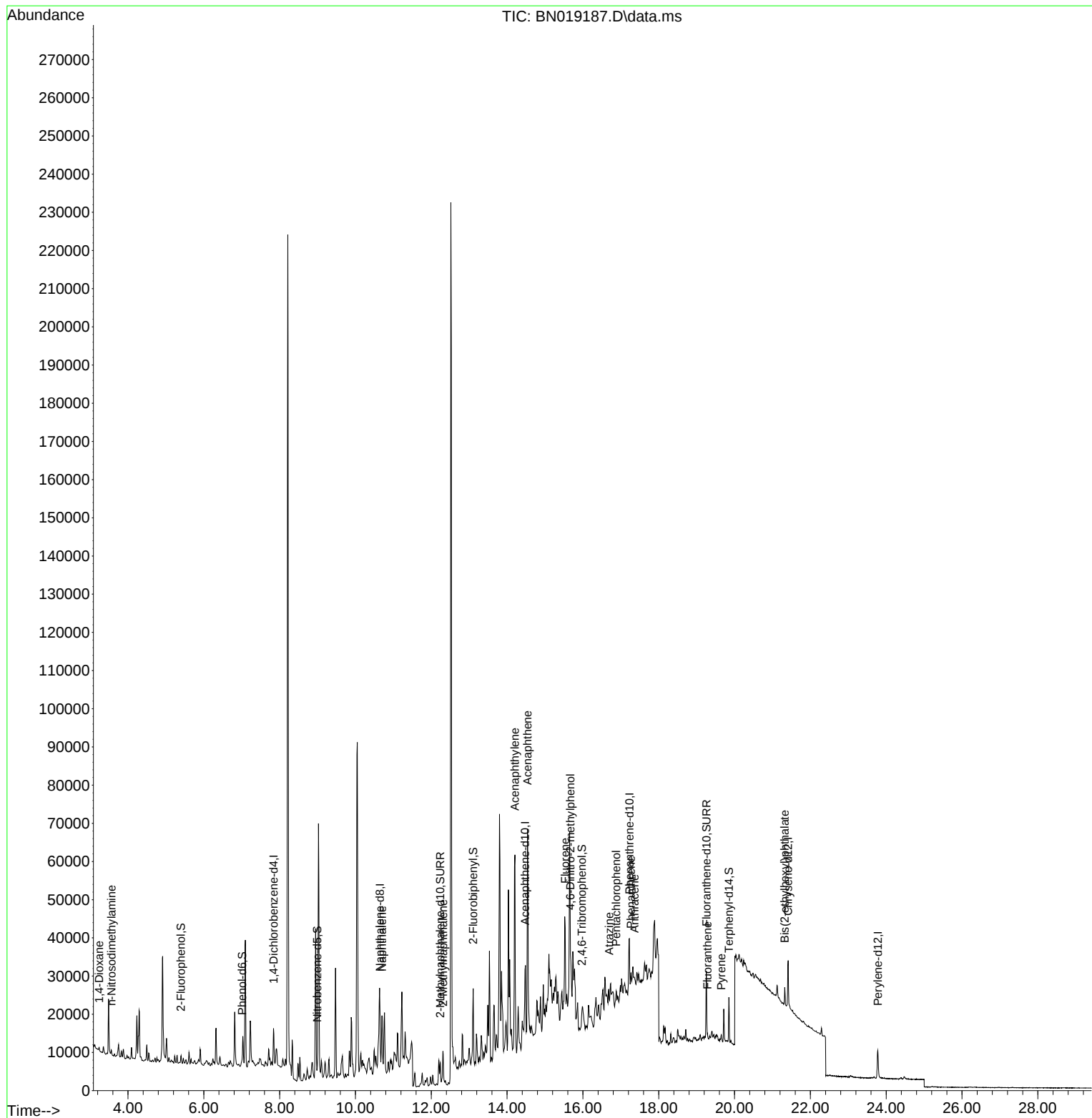
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4341	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12929	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	13053	0.400	ng	#-0.01
19) Phenanthrene-d10	17.225	188	15842	0.400	ng	# 0.00
29) Chrysene-d12	21.413	240	12233	0.400	ng	# 0.00
35) Perylene-d12	23.779	264	10898	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1797	0.175	ng	0.00
5) Phenol-d6	7.009	99	975	0.083	ng	0.00
8) Nitrobenzene-d5	8.993	82	2656	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	12.234	152	7940	0.384	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1906	0.300	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	14644	0.267	ng	0.00
27) Fluoranthene-d10	19.257	212	19255	0.415	ng	0.00
31) Terphenyl-d14	19.851	244	11940	0.437	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	522	0.090	ng	# 63
3) n-Nitrosodimethylamine	3.564	42	328	0.051	ng	# 1
9) Naphthalene	10.701	128	4637	0.127	ng	# 6
12) 2-Methylnaphthalene	12.310	142	6182	0.258	ng	# 87
16) Acenaphthylene	14.206	152	6191	0.104	ng	# 1
17) Acenaphthene	14.538	154	26723	0.633	ng	99
18) Fluorene	15.532	166	13609	0.253	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.671	198	1685	0.653	ng	# 37
23) Atrazine	16.692	200	862	0.121	ng	# 1
24) Pentachlorophenol	16.877	266	255	0.058	ng	94
25) Phenanthrene	17.266	178	2594	0.051	ng	# 66
26) Anthracene	17.359	178	2425	0.058	ng	# 1
28) Fluoranthene	19.286	202	1460	0.025	ng	# 78
30) Pyrene	19.649	202	2015	0.035	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.324	149	4009	0.168	ng	# 88

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

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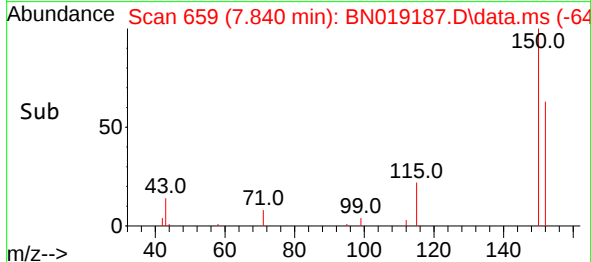
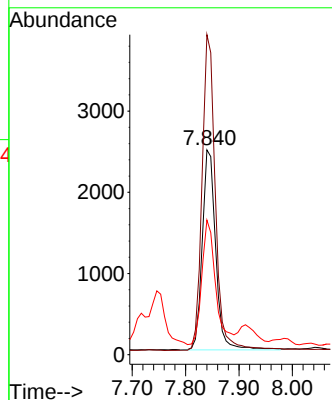
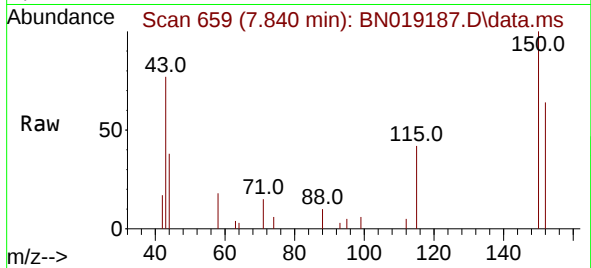




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 660
Delta R.T. -0.007 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

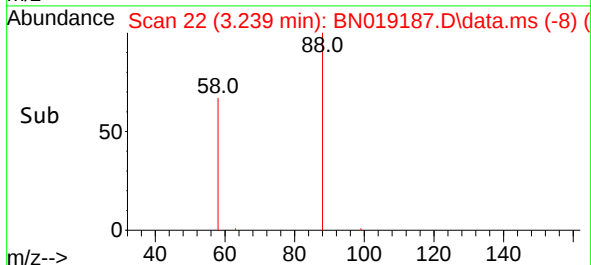
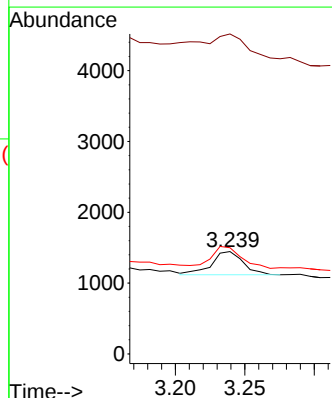
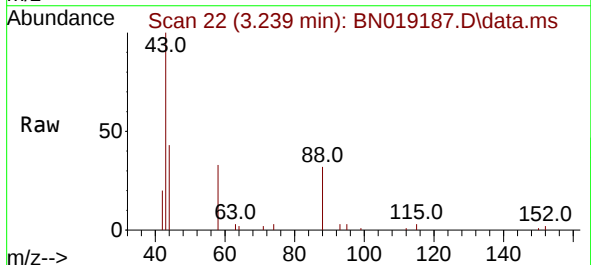
Instrument :
BNA_N
ClientSampleId :
MW-48

Tgt Ion:152 Resp: 4341
Ion Ratio Lower Upper
152 100
150 156.2 123.9 185.9
115 65.7 48.2 72.4



#2
1,4-Dioxane
Concen: 0.090 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 88 Resp: 522
Ion Ratio Lower Upper
88 100
43 94.3 24.6 37.0#
58 88.7 65.4 98.2

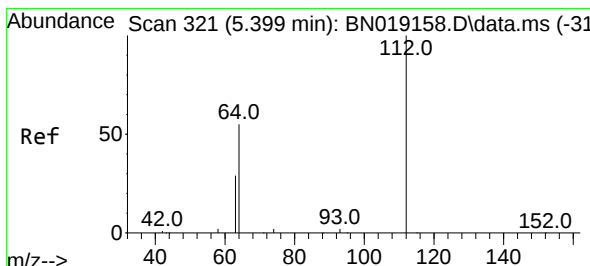
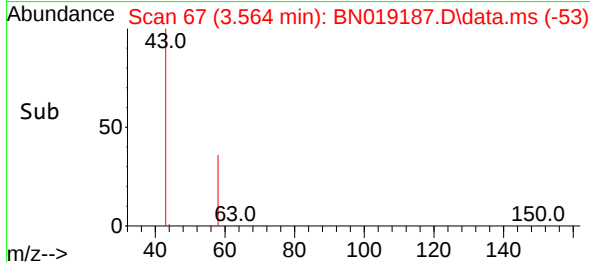
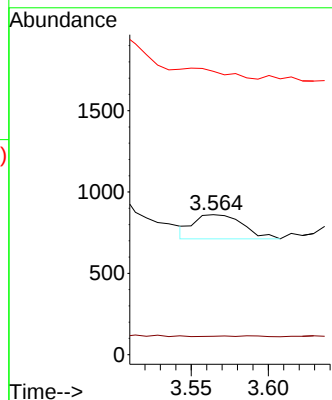
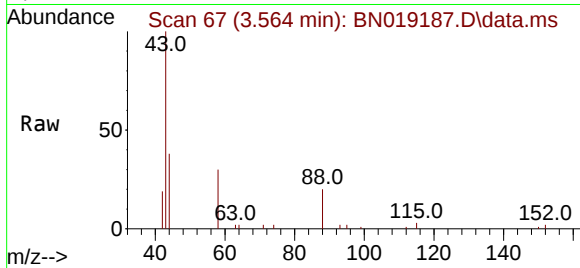




#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.564 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

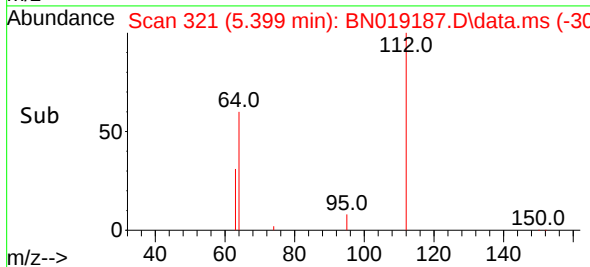
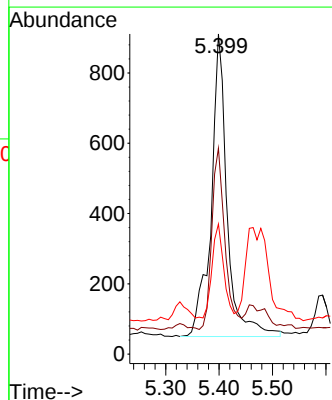
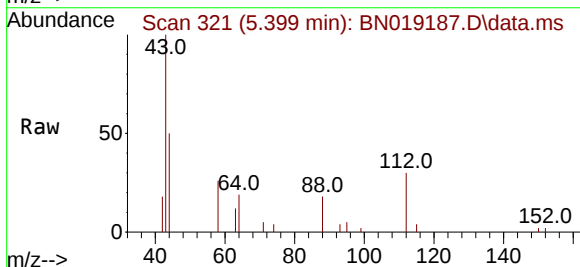
Instrument :
BNA_N
ClientSampleId :
MW-48

Tgt Ion: 42 Resp: 328
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 0.0 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 112 Resp: 1797
Ion Ratio Lower Upper
112 100
64 49.2 47.8 71.8
63 22.6 25.7 38.5#

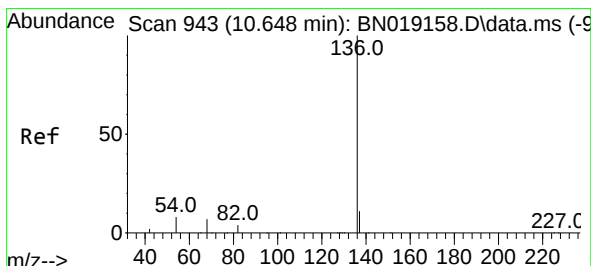
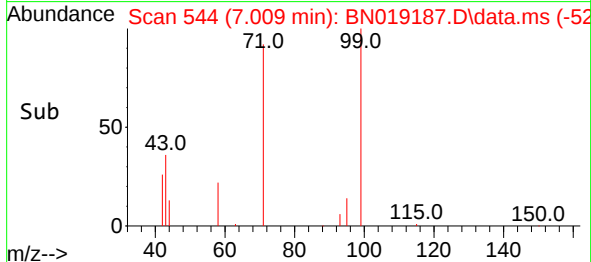
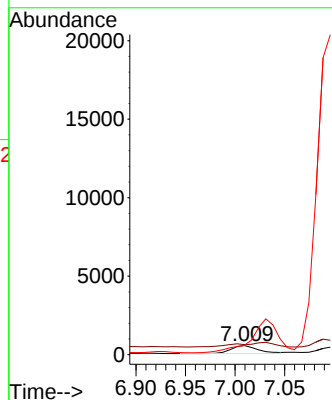
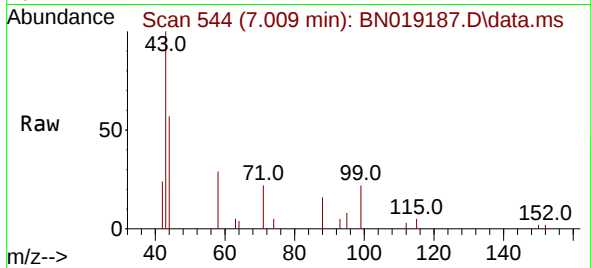




#5
Phenol-d6
Concen: 0.083 ng
RT: 7.009 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

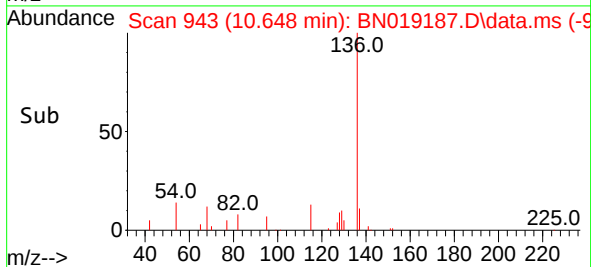
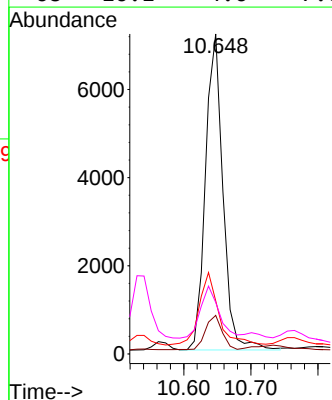
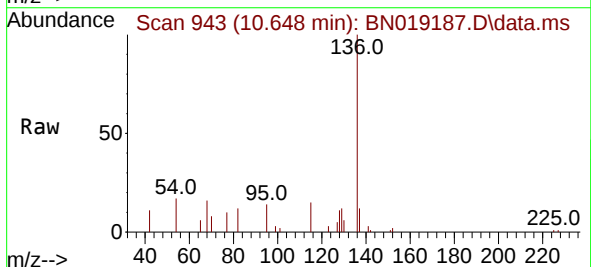
Instrument :
BNA_N
ClientSampleId :
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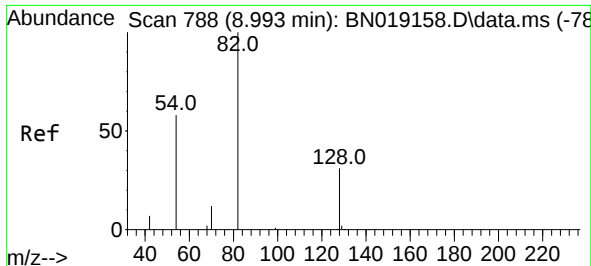
Tgt Ion: 99 Resp: 975
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 0.0 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 136 Resp: 12929
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.4
54 16.6 5.8 8.6#
68 16.1 4.6 7.0#

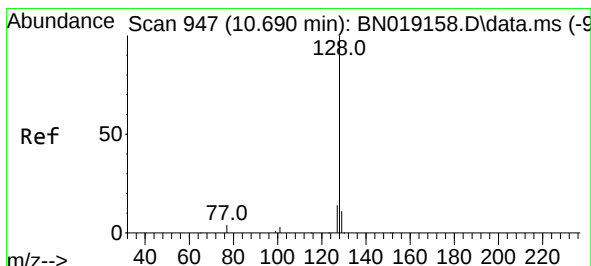
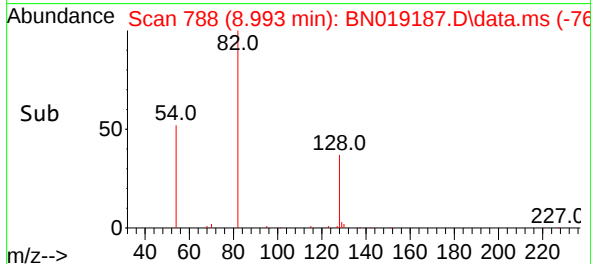
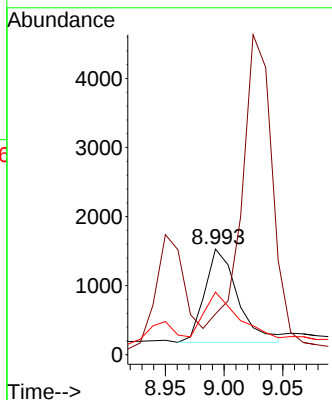
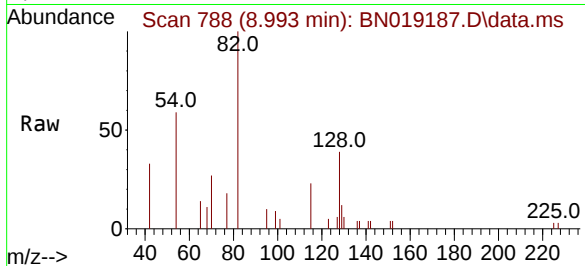




#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

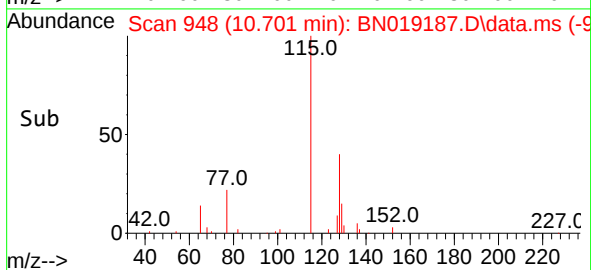
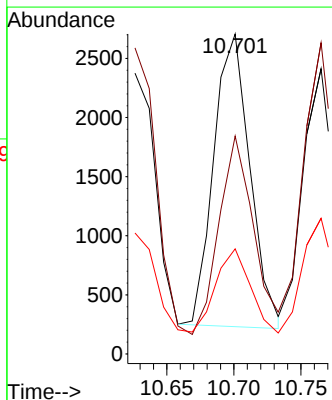
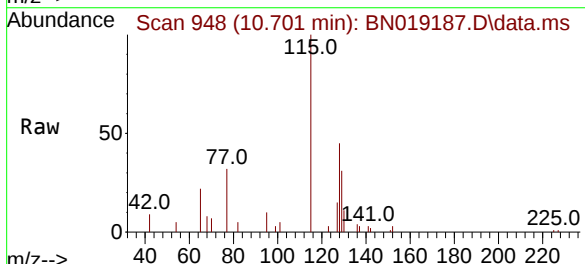
Instrument :
BNA_N
ClientSampleId :
MW-48

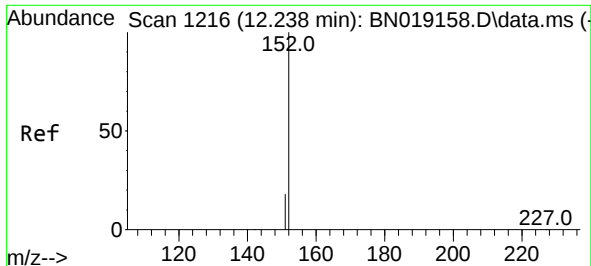
Tgt Ion: 82 Resp: 2656
Ion Ratio Lower Upper
82 100
128 38.7 33.0 49.6
54 59.3 42.5 63.7



#9
Naphthalene
Concen: 0.127 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 128 Resp: 4637
Ion Ratio Lower Upper
128 100
129 68.1 9.0 13.4#
127 32.8 10.7 16.1#

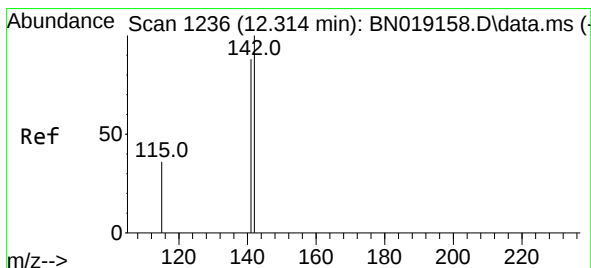
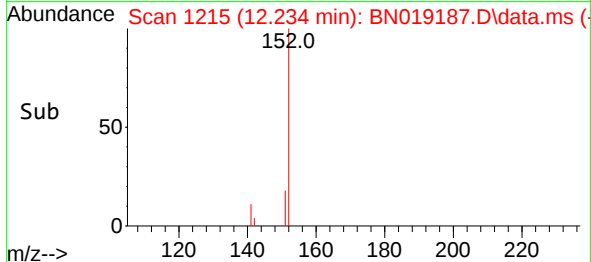
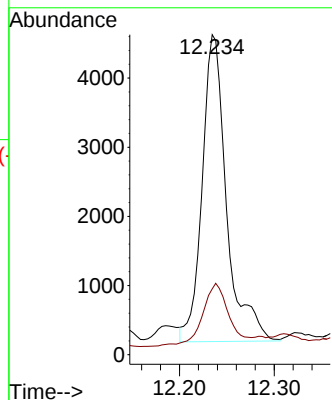
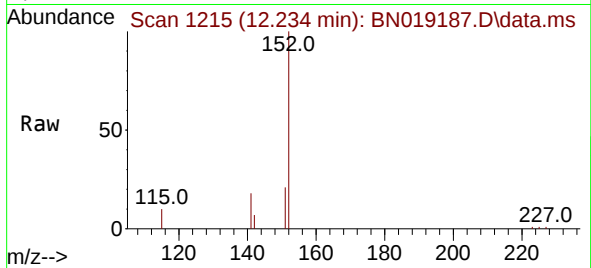




#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.234 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

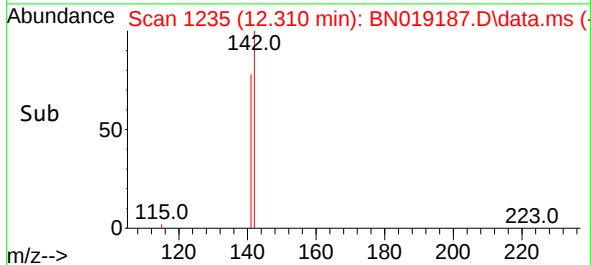
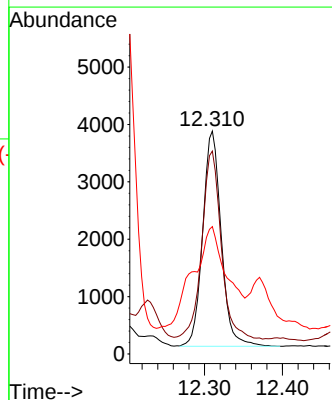
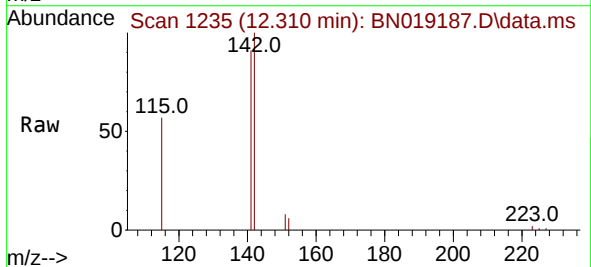
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ClientSampleId :
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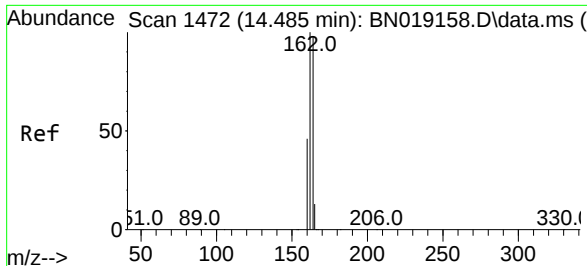
Tgt Ion:152 Resp: 7940
Ion Ratio Lower Upper
152 100
151 22.8 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.258 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion:142 Resp: 6182
Ion Ratio Lower Upper
142 100
141 91.1 70.0 105.0
115 57.1 29.8 44.8#

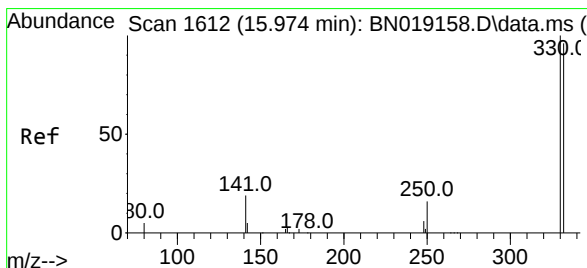
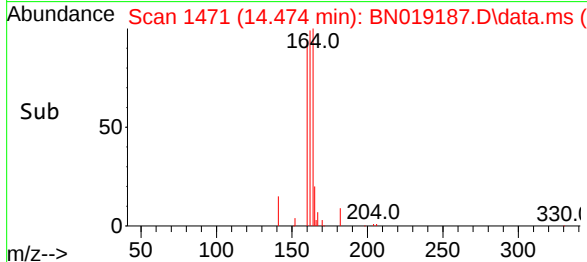
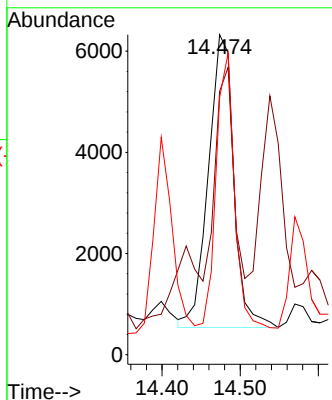
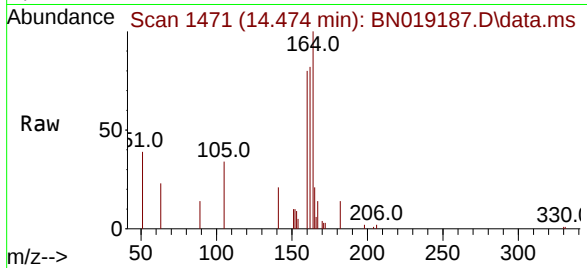




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.474 min Scan# 1472
 Delta R.T. -0.011 min
 Lab File: BN019187.D
 Acq: 26 Mar 2022 11:32

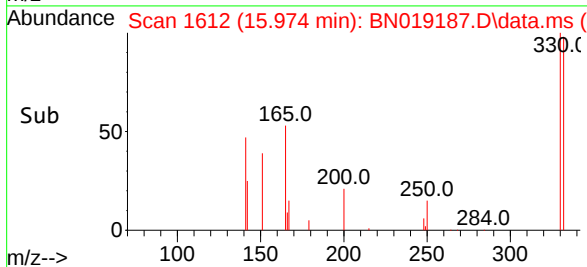
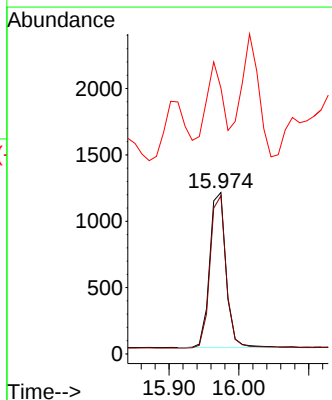
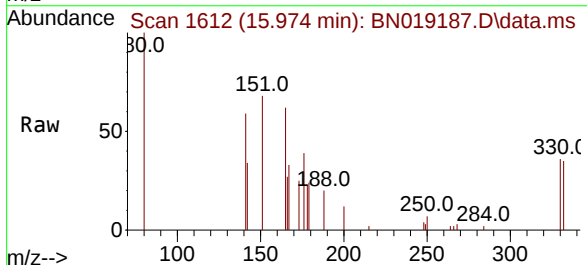
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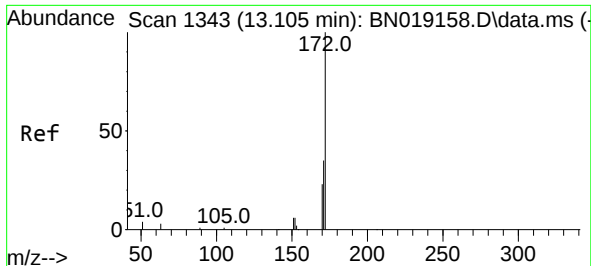
Tgt Ion:164 Resp: 13053
 Ion Ratio Lower Upper
 164 100
 162 82.3 85.2 127.8#
 160 80.4 41.5 62.3#



#14
 2,4,6-Tribromophenol
 Concen: 0.300 ng
 RT: 15.974 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BN019187.D
 Acq: 26 Mar 2022 11:32

Tgt Ion:330 Resp: 1906
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 64.7 32.2 48.2#

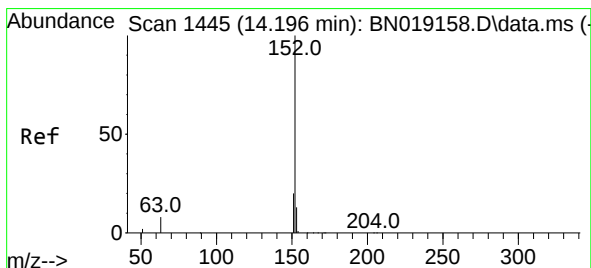
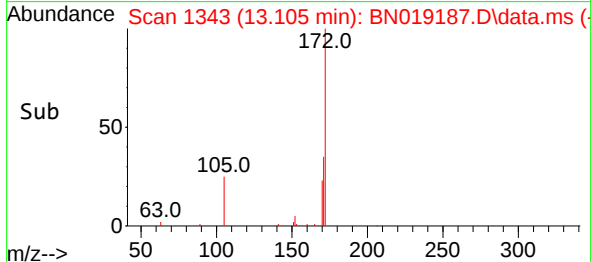
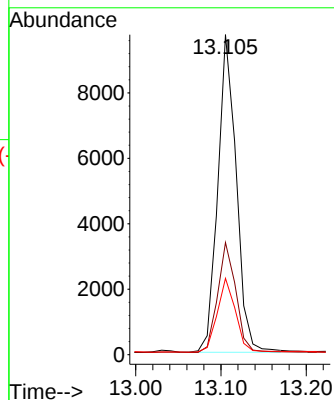
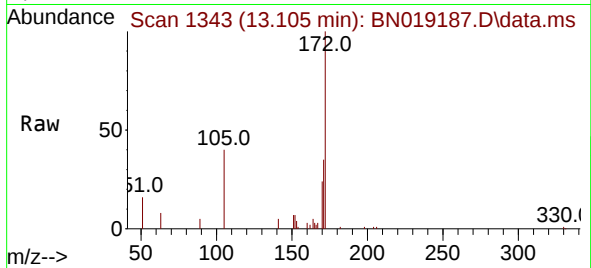




#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

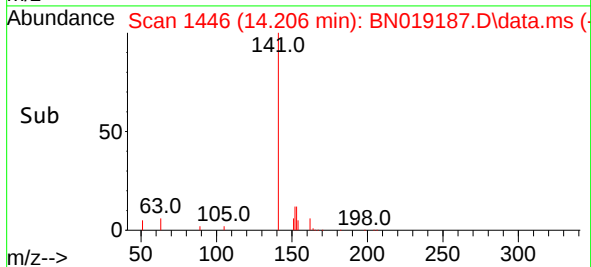
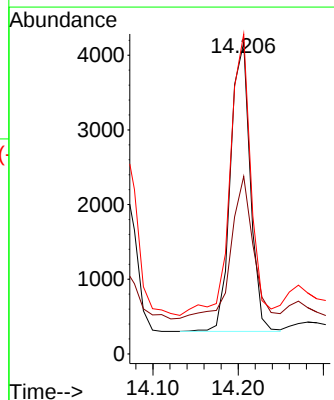
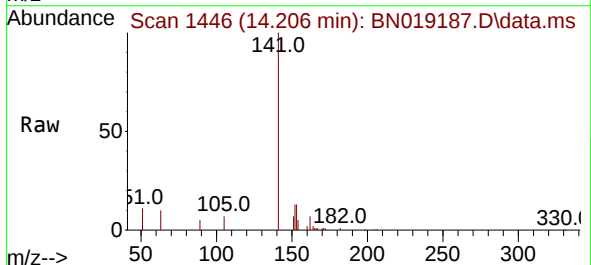
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MW-48

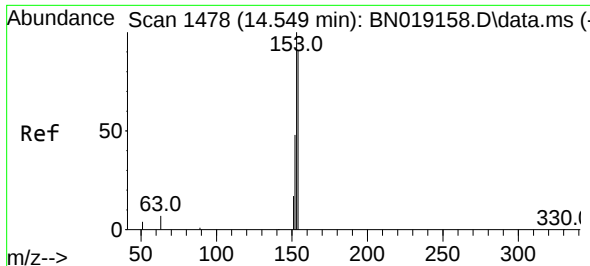
Tgt Ion:172 Resp: 14644
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.9 18.7 28.1



#16
Acenaphthylene
Concen: 0.104 ng
RT: 14.206 min Scan# 1446
Delta R.T. 0.011 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion:152 Resp: 6191
Ion Ratio Lower Upper
152 100
151 56.4 15.9 23.9#
153 101.2 10.6 15.8#

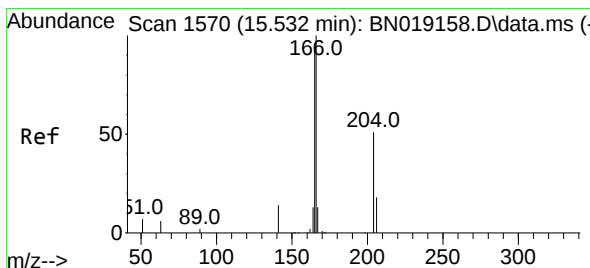
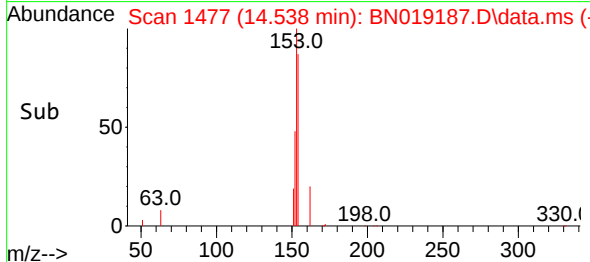
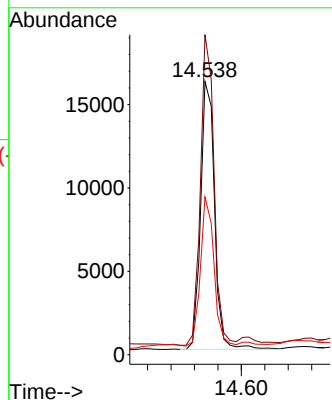
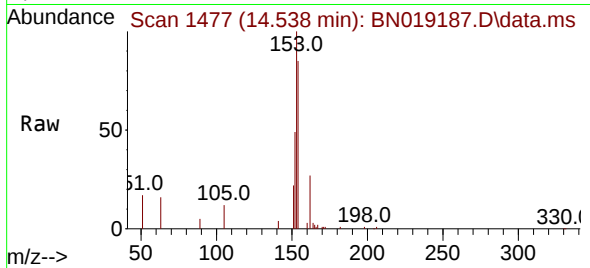




#17
Acenaphthene
Concen: 0.633 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

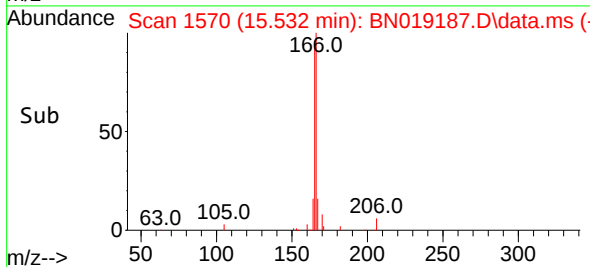
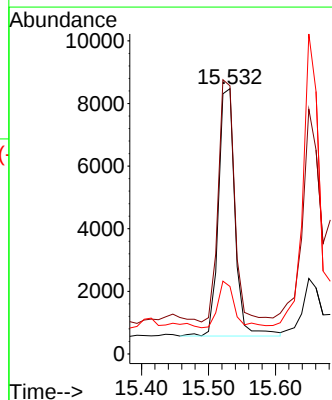
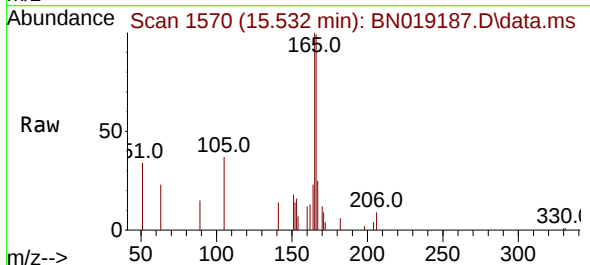
Instrument :
BNA_N
ClientSampleId :
MW-48

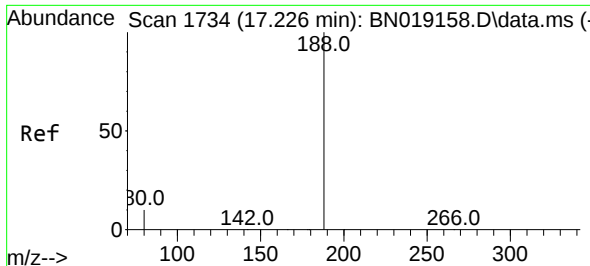
Tgt Ion:154 Resp: 26723
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 53.4 44.7 67.1



#18
Fluorene
Concen: 0.253 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion:166 Resp: 13609
Ion Ratio Lower Upper
166 100
165 95.5 79.2 118.8
167 19.1 10.7 16.1#

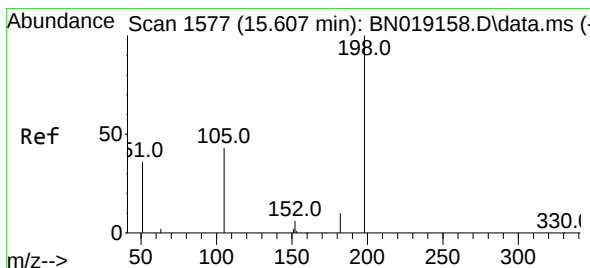
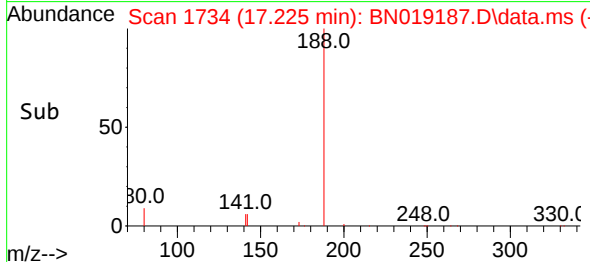
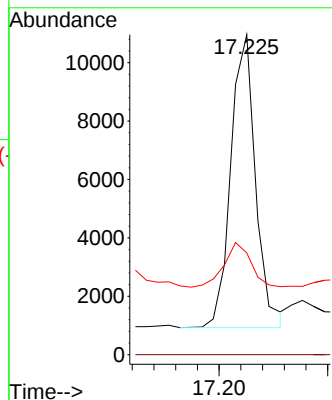
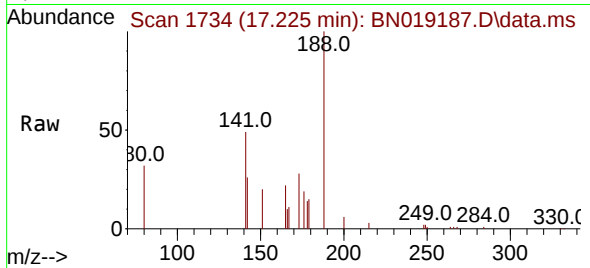




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

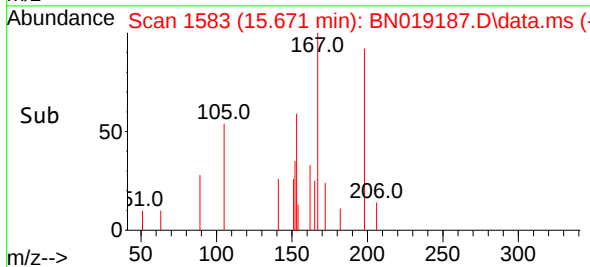
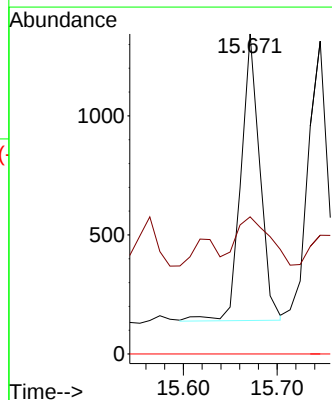
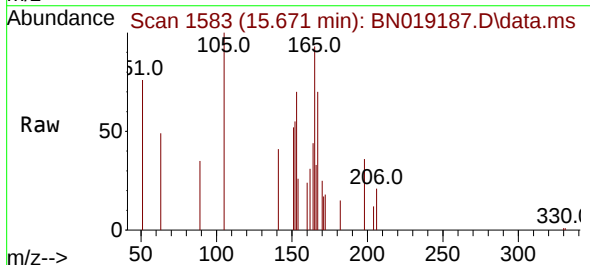
Instrument :
BNA_N
ClientSampleId :
MW-48

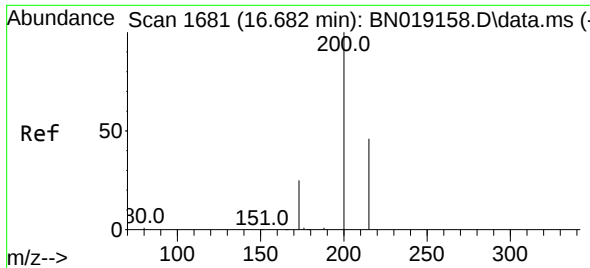
Tgt Ion:188 Resp: 15842
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 31.8 11.8 17.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.653 ng
RT: 15.671 min Scan# 1583
Delta R.T. 0.064 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion:198 Resp: 1685
Ion Ratio Lower Upper
198 100
182 42.9 13.0 19.4#
77 0.0 0.0 0.0

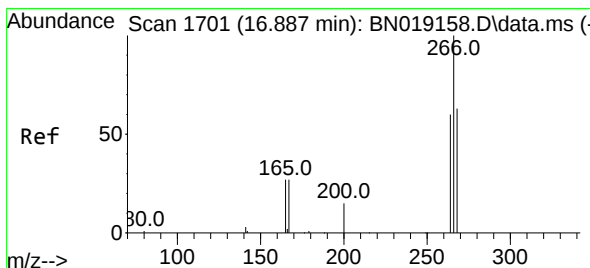
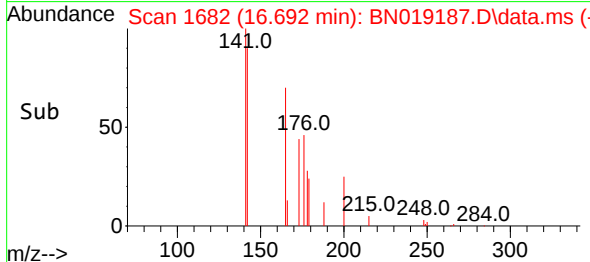
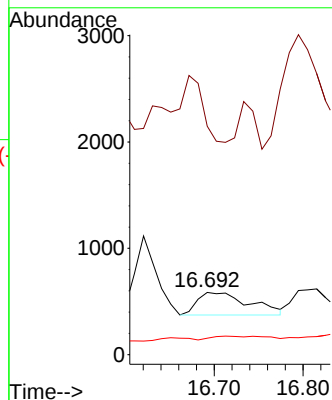
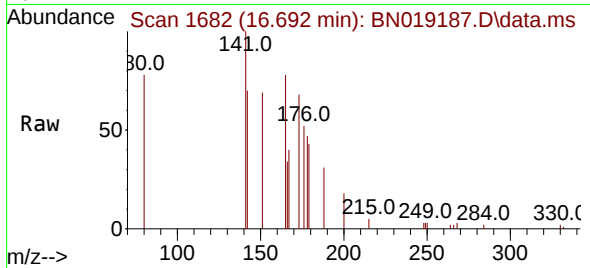




#23
 Atrazine
 Concen: 0.121 ng
 RT: 16.692 min Scan# 1
 Delta R.T. 0.010 min
 Lab File: BN019187.D
 Acq: 26 Mar 2022 11:32

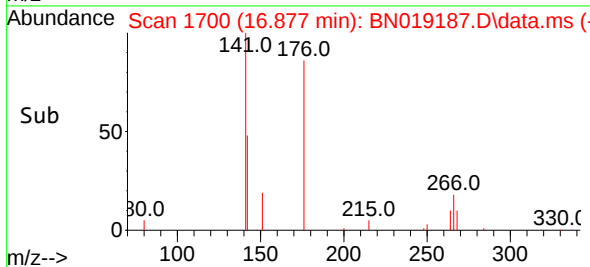
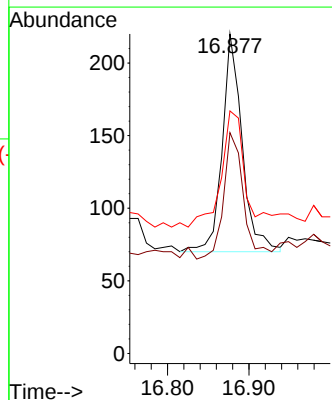
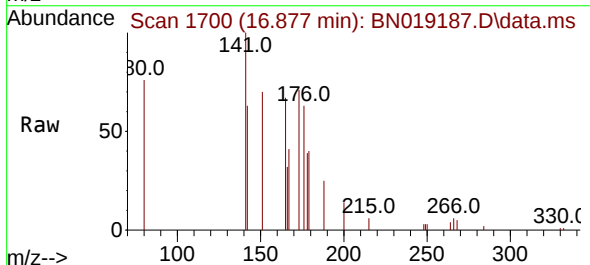
Instrument :
 BNA_N
 ClientSampleId :
 MW-48

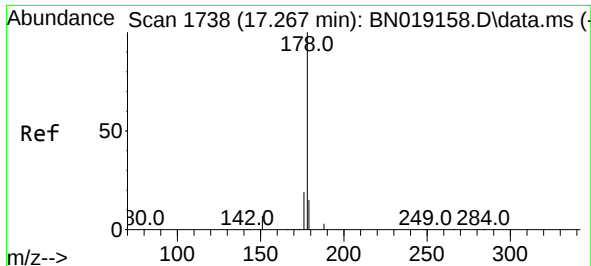
Tgt Ion:200 Resp: 862
 Ion Ratio Lower Upper
 200 100
 173 366.7 23.9 35.9#
 215 26.5 36.6 54.8#



#24
 Pentachlorophenol
 Concen: 0.058 ng
 RT: 16.877 min Scan# 1700
 Delta R.T. -0.010 min
 Lab File: BN019187.D
 Acq: 26 Mar 2022 11:32

Tgt Ion:266 Resp: 255
 Ion Ratio Lower Upper
 266 100
 264 58.0 50.2 75.4
 268 70.2 51.9 77.9

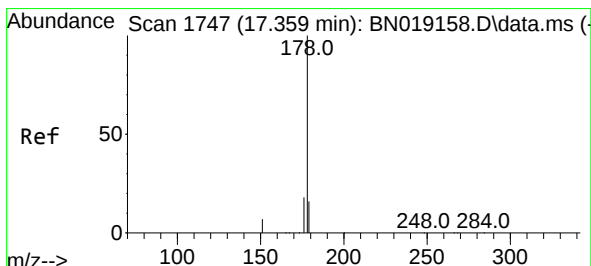
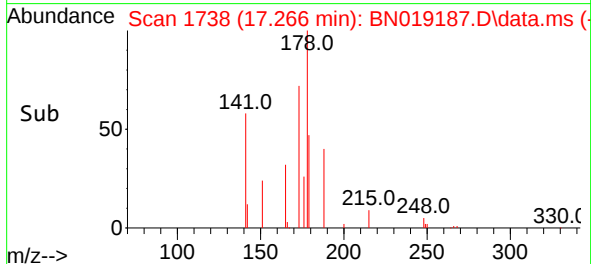
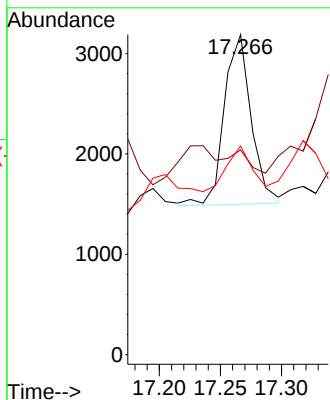
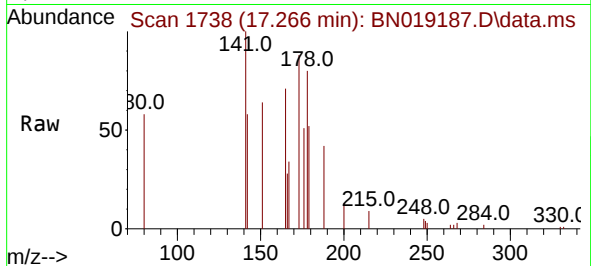




#25
Phenanthrene
Concen: 0.051 ng
RT: 17.266 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

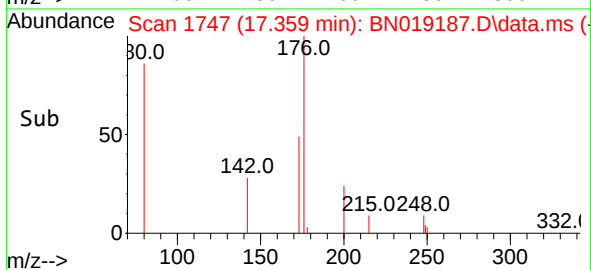
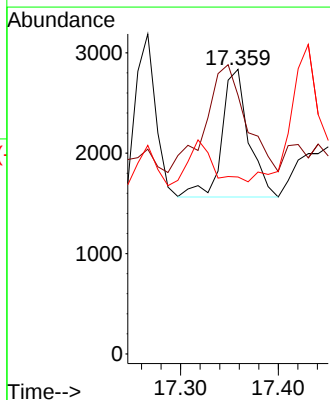
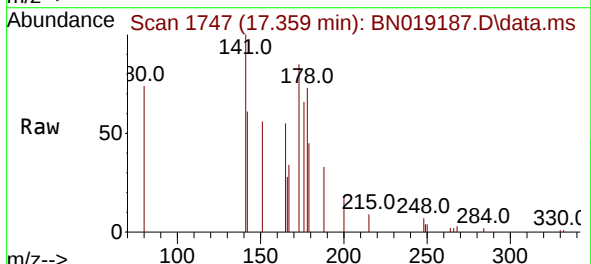
Instrument :
BNA_N
ClientSampleId :
MW-48

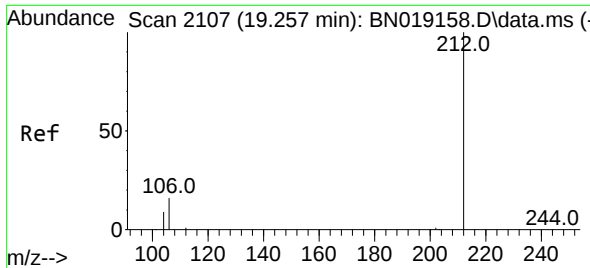
Tgt Ion:178 Resp: 2594
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 25.1 12.2 18.2#



#26
Anthracene
Concen: 0.058 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion:178 Resp: 2425
Ion Ratio Lower Upper
178 100
176 127.8 14.8 22.2#
179 0.0 12.2 18.4#

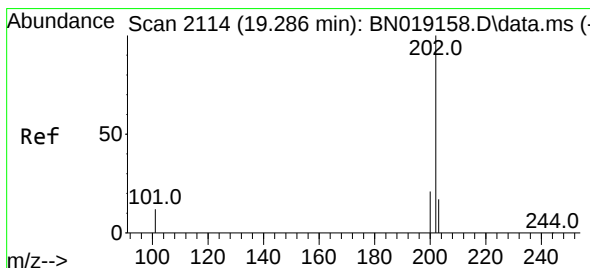
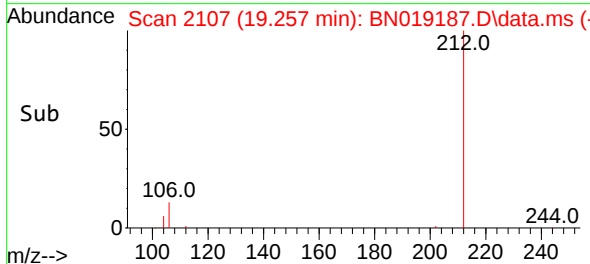
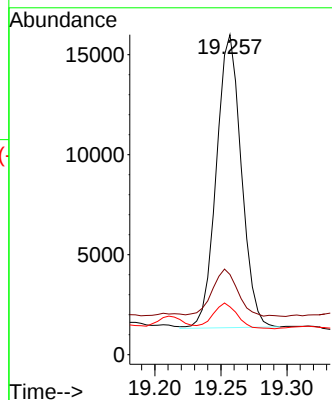
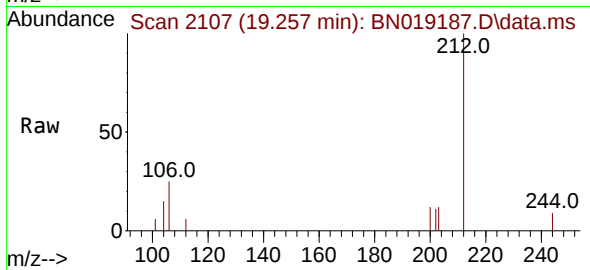




#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

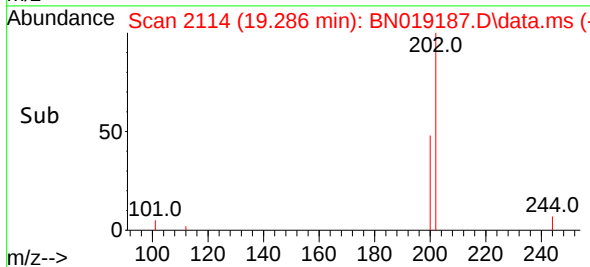
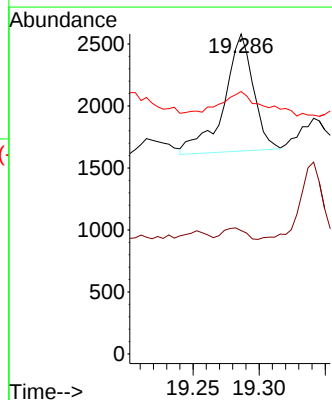
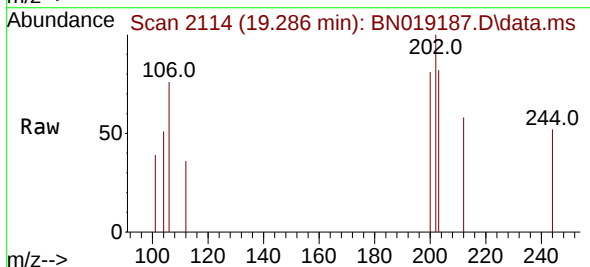
Instrument :
BNA_N
ClientSampleId :
MW-48

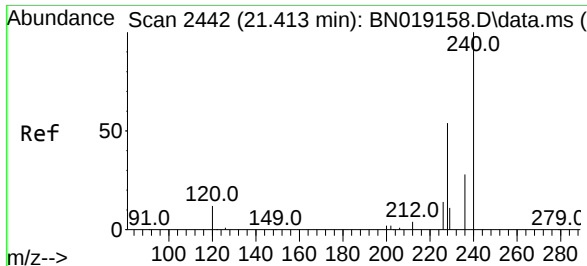
Tgt Ion:212 Resp: 19255
Ion Ratio Lower Upper
212 100
106 16.7 12.7 19.1
104 8.6 7.1 10.7



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion:202 Resp: 1460
Ion Ratio Lower Upper
202 100
101 7.1 9.8 14.6#
203 29.5 13.7 20.5#

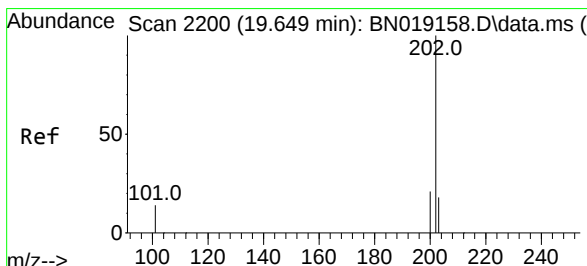
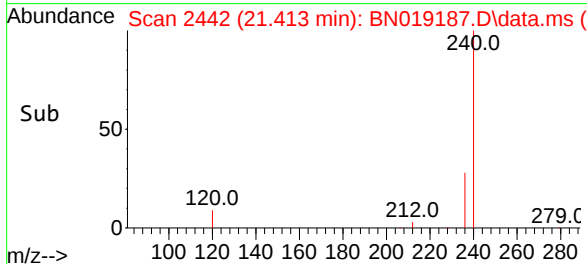
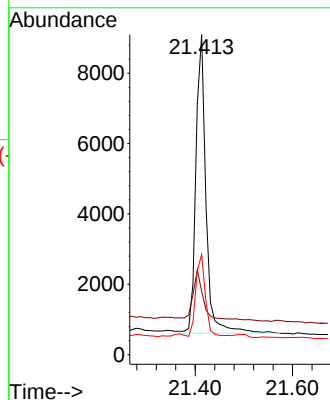
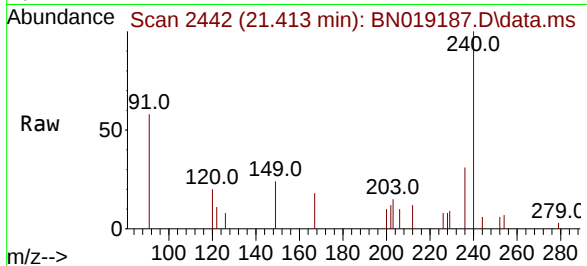




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

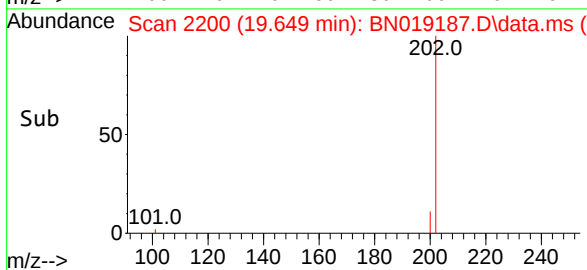
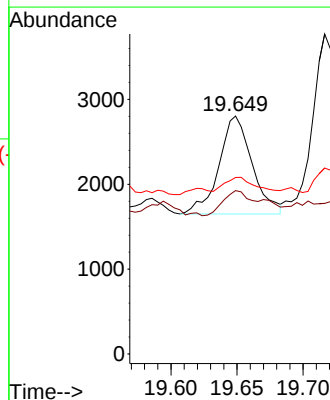
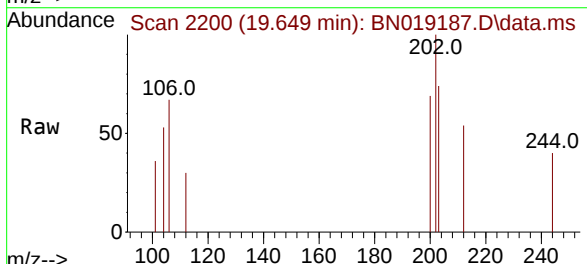
Instrument :
BNA_N
ClientSampleId :
MW-48

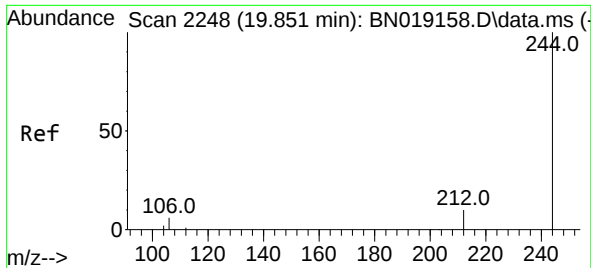
Tgt Ion:240 Resp: 12233
Ion Ratio Lower Upper
240 100
120 19.8 8.5 12.7#
236 31.3 22.4 33.6



#30
Pyrene
Concen: 0.035 ng
RT: 19.649 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion:202 Resp: 2015
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 11.7 14.2 21.2#

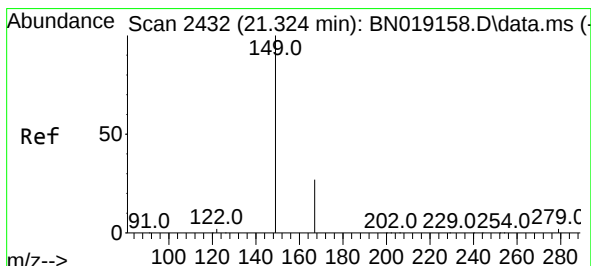
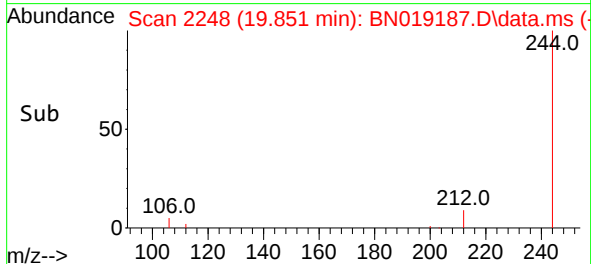
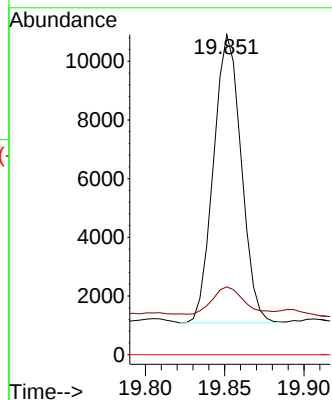
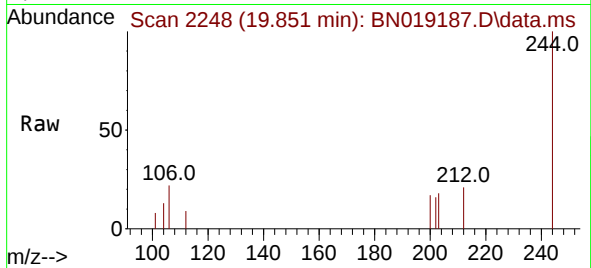




#31
 Terphenyl-d14
 Concen: 0.437 ng
 RT: 19.851 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN019187.D
 Acq: 26 Mar 2022 11:32

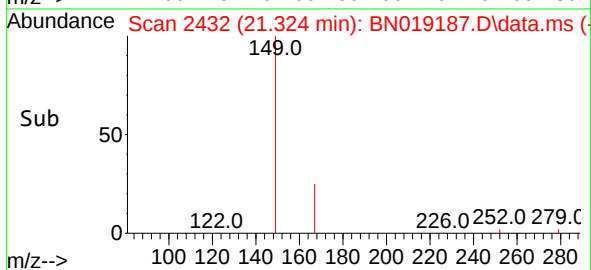
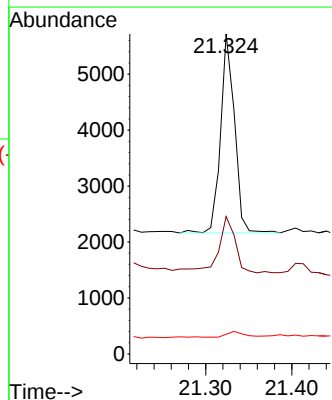
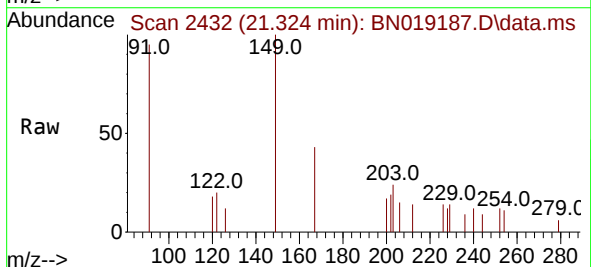
Instrument :
 BNA_N
 ClientSampleId :
 MW-48

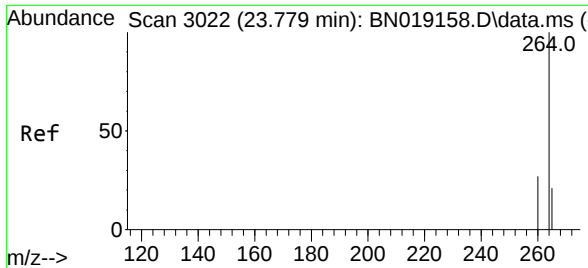
Tgt Ion:244 Resp: 11940
 Ion Ratio Lower Upper
 244 100
 212 21.2 8.2 12.4#
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.168 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN019187.D
 Acq: 26 Mar 2022 11:32

Tgt Ion:149 Resp: 4009
 Ion Ratio Lower Upper
 149 100
 167 33.8 21.8 32.8#
 279 3.5 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.779 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN019187.D
 Acq: 26 Mar 2022 11:32

Instrument :
 BNA_N
 ClientSampleId :
 MW-48

Tgt Ion:	264	Resp:	10898
Ion	Ratio	Lower	Upper
264	100		
260	29.1	22.4	33.6
265	45.1	25.3	37.9

