

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
 Data File : BN020527.D
 Acq On : 28 Jun 2022 09:55
 Operator : CG/JU
 Sample : N3354-03RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-48

Quant Time: Jun 28 23:49:49 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

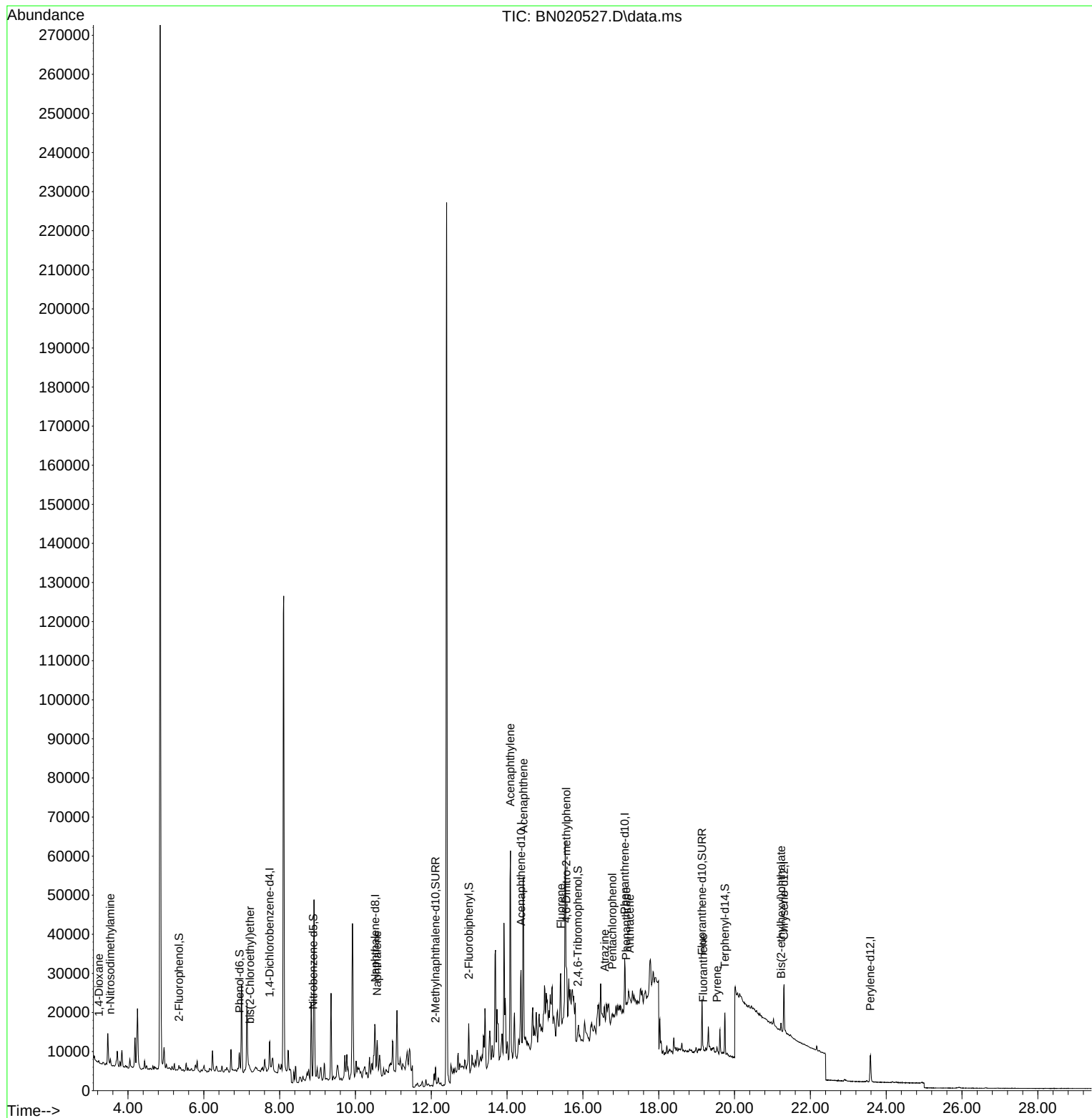
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3494	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	11754	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	13409	0.400	ng	# 0.00
19) Phenanthrene-d10	17.102	188	13999	0.400	ng	#-0.01
29) Chrysene-d12	21.306	240	11661	0.400	ng	0.00
35) Perylene-d12	23.583	264	9362	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1364	0.141	ng	0.00
5) Phenol-d6	6.944	99	927	0.080	ng	0.00
8) Nitrobenzene-d5	8.886	82	2558	0.269	ng	-0.01
11) 2-Methylnaphthalene-d10	12.113	152	7225	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	1182	0.234	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	8766	0.158	ng	-0.01
27) Fluoranthene-d10	19.143	212	14735	0.354	ng	0.00
31) Terphenyl-d14	19.746	244	11589	0.416	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	237	0.052	ng	# 1
3) n-Nitrosodimethylamine	3.535	42	228	0.055	ng	# 5
6) bis(2-Chloroethyl)ether	7.219	93	527	0.053	ng	# 43
9) Naphthalene	10.573	128	2670	0.076	ng	# 15
16) Acenaphthylene	14.089	152	6391	0.099	ng	# 1
17) Acenaphthene	14.431	154	23311	0.532	ng	98
18) Fluorene	15.414	166	6105	0.107	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.564	198	1386	0.731	ng	# 29
23) Atrazine	16.579	200	697	0.109	ng	# 1
24) Pentachlorophenol	16.774	266	531	0.368	ng	# 86
25) Phenanthrene	17.143	178	1104	0.023	ng	# 49
26) Anthracene	17.236	178	2663	0.065	ng	# 1
28) Fluoranthene	19.172	202	1156	0.022	ng	# 67
30) Pyrene	19.535	202	1879	0.038	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.225	149	1921	0.082	ng	# 91

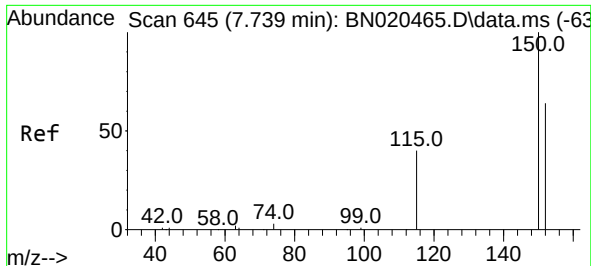
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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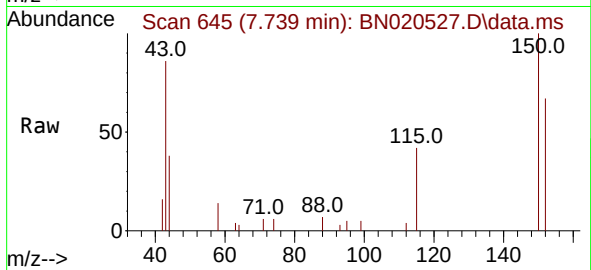
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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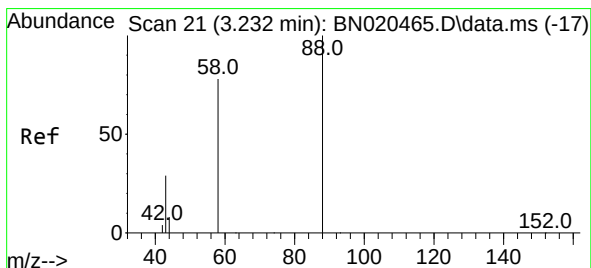
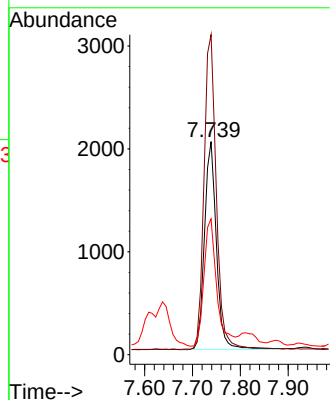
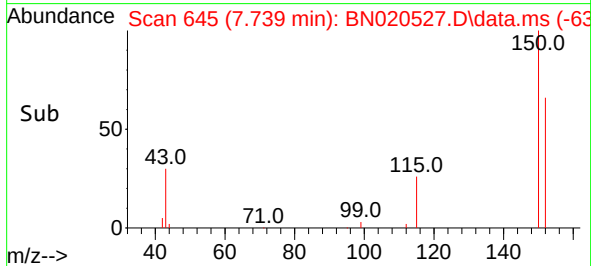


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN020527.D
 Acq: 28 Jun 2022 09:55

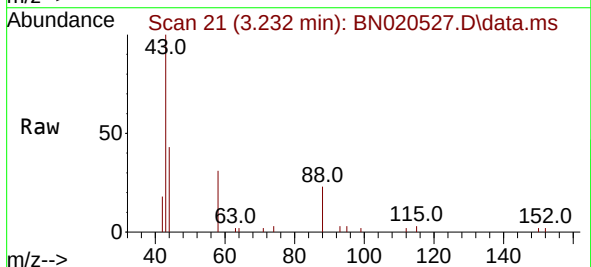
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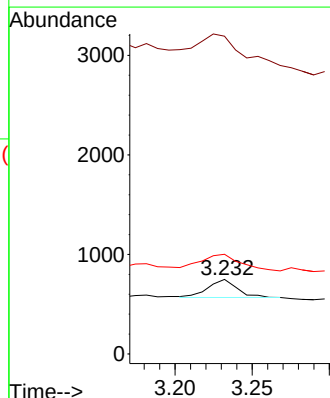
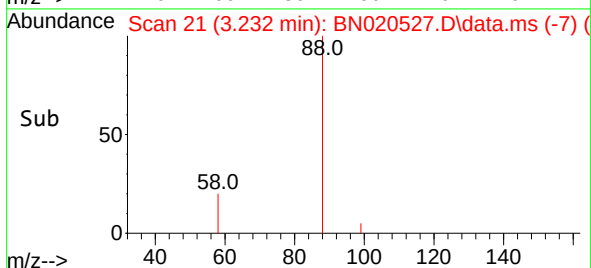
Tgt Ion:152 Resp: 3494
 Ion Ratio Lower Upper
 152 100
 150 150.2 127.9 191.9
 115 63.7 51.4 77.2

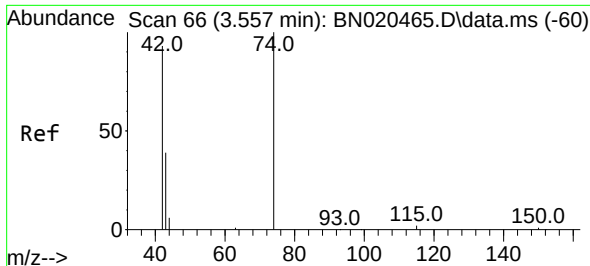


#2
 1,4-Dioxane
 Concen: 0.052 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN020527.D
 Acq: 28 Jun 2022 09:55



Tgt Ion: 88 Resp: 237
 Ion Ratio Lower Upper
 88 100
 43 255.3 30.2 45.2#
 58 128.3 73.0 109.6#

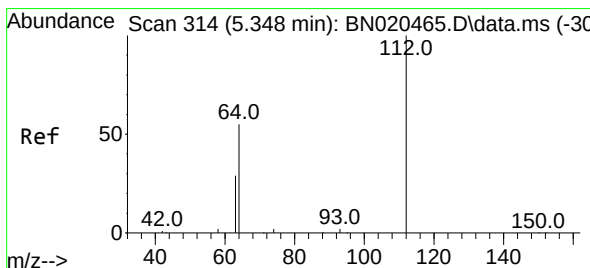
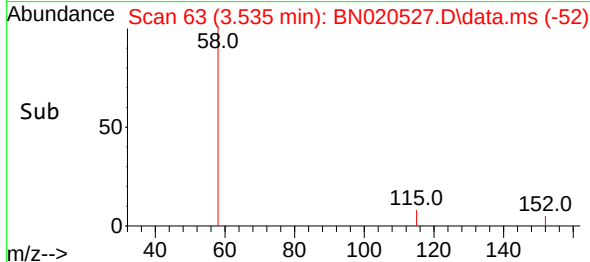
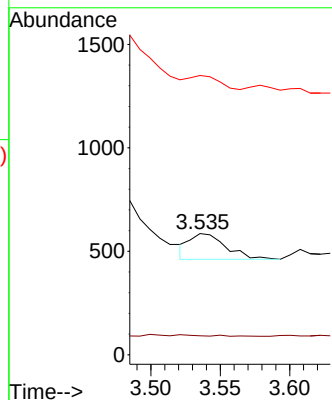
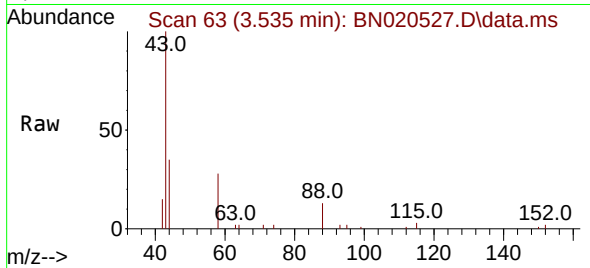




#3
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.535 min Scan# 61
Delta R.T. -0.022 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

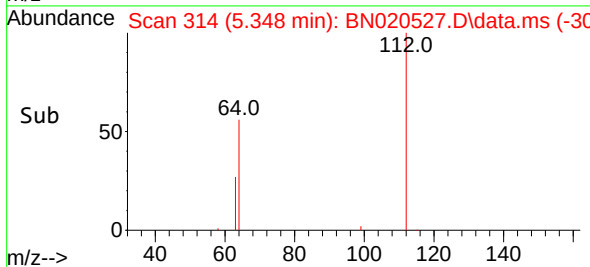
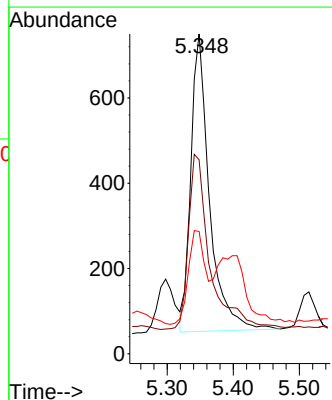
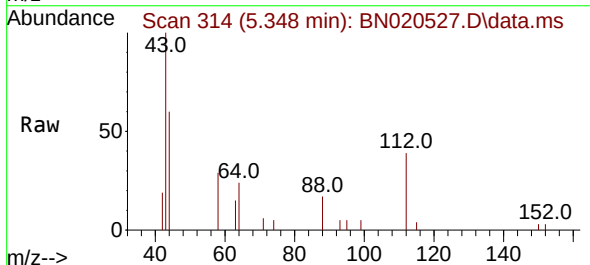
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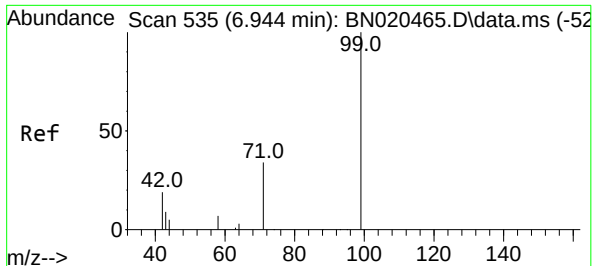
Tgt Ion: 42 Resp: 228
Ion Ratio Lower Upper
42 100
74 0.0 84.0 126.0#
44 0.0 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion: 112 Resp: 1364
Ion Ratio Lower Upper
112 100
64 68.4 49.1 73.7
63 28.7 26.3 39.5

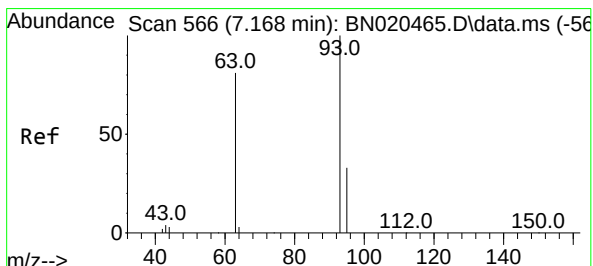
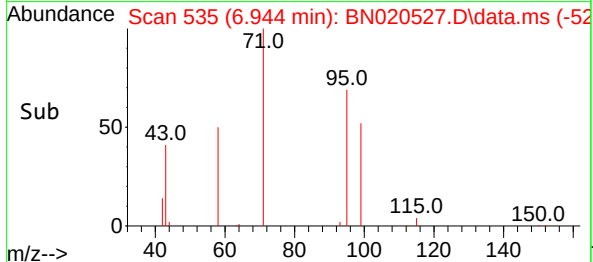
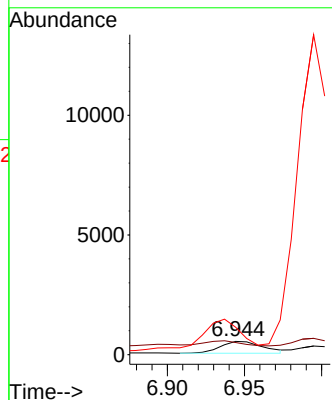
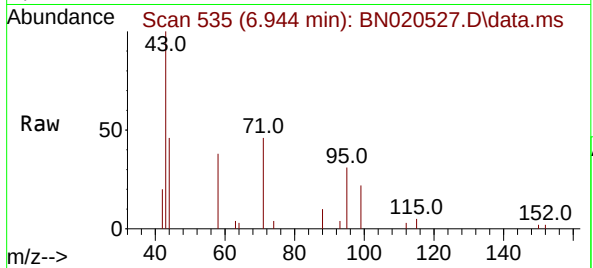




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.944 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

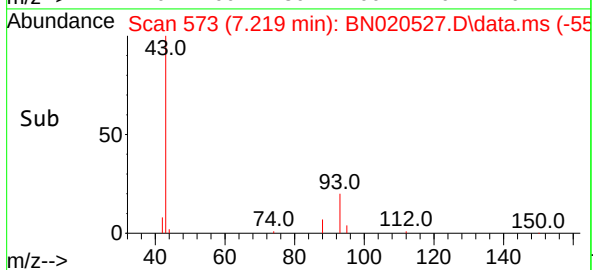
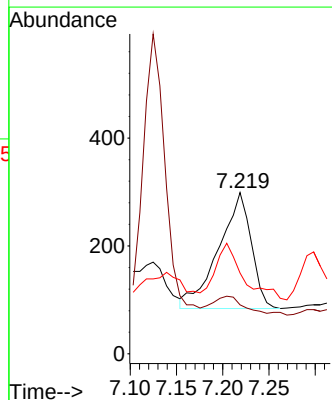
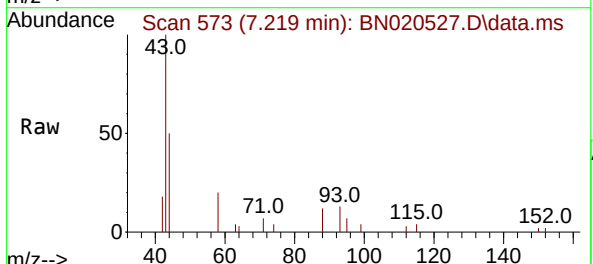
Instrument :
BNA_N
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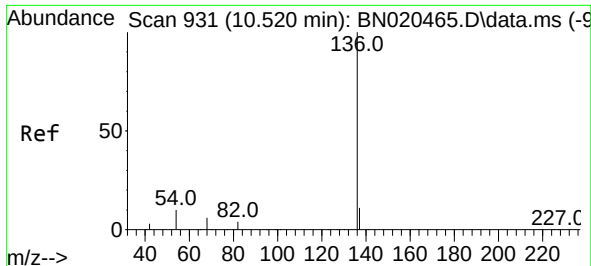
Tgt Ion: 99 Resp: 927
Ion Ratio Lower Upper
99 100
42 43.3 19.3 28.9#
71 268.6 27.5 41.3#



#6
bis(2-Chloroethyl)ether
Concen: 0.053 ng
RT: 7.219 min Scan# 573
Delta R.T. 0.050 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion: 93 Resp: 527
Ion Ratio Lower Upper
93 100
63 16.5 67.4 101.0#
95 41.0 26.5 39.7#

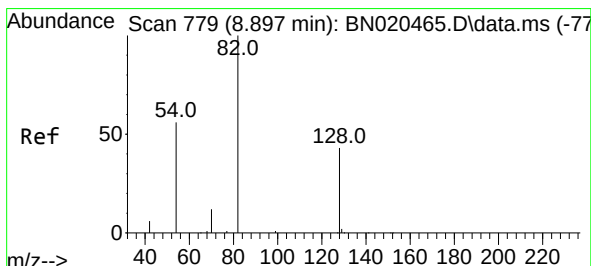
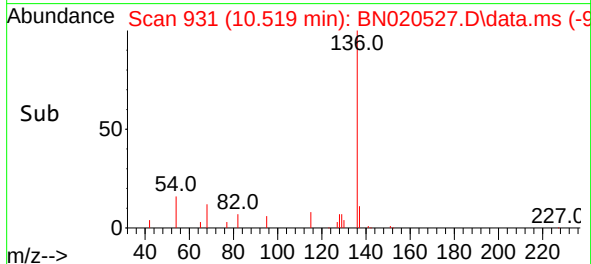
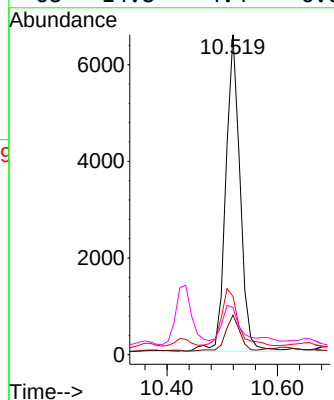
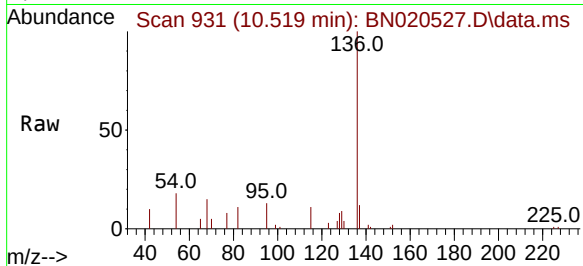




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

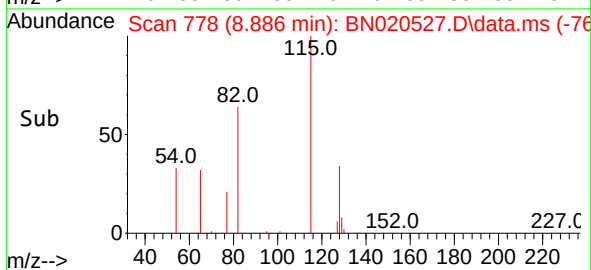
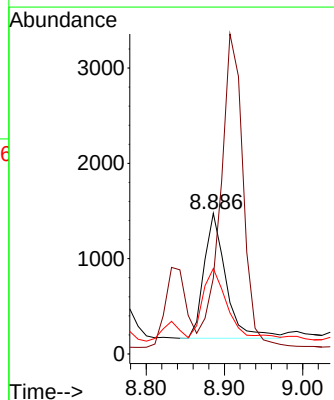
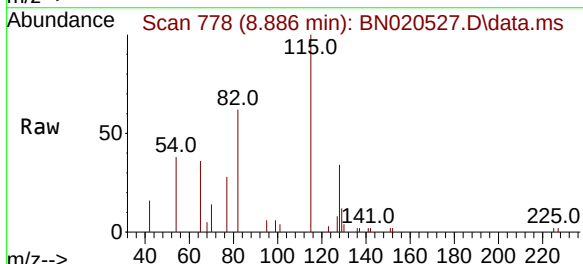
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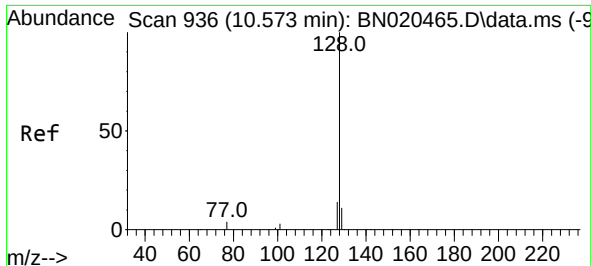
Tgt Ion:	136	Resp:	11754
Ion Ratio	Lower	Upper	
136	100		
137	12.4	9.0	13.6
54	18.2	6.2	9.2#
68	14.8	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.886 min Scan# 778
Delta R.T. -0.011 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion:	82	Resp:	2558
Ion Ratio	Lower	Upper	
82	100		
128	53.9	35.0	52.6#
54	60.8	46.2	69.4

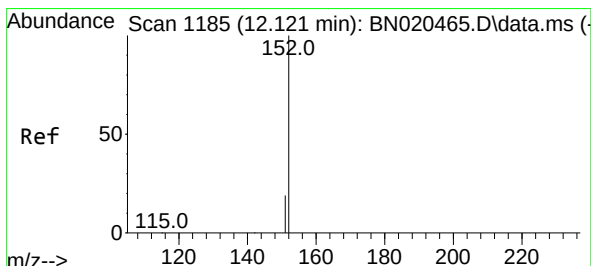
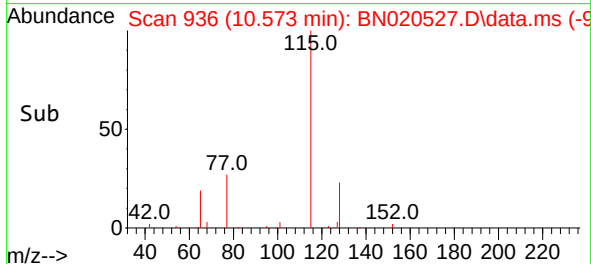
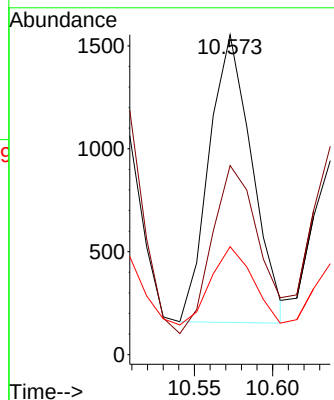
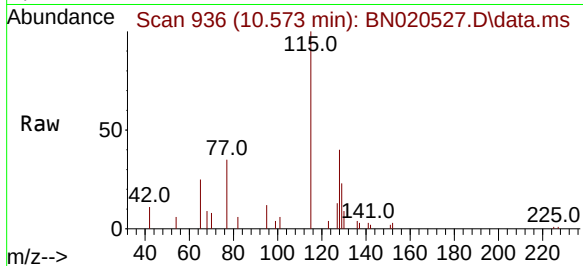




#9
Naphthalene
Concen: 0.076 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

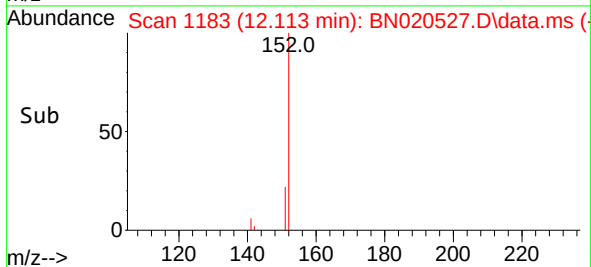
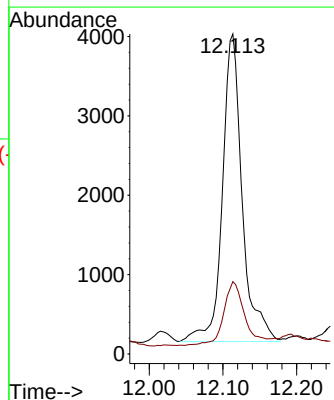
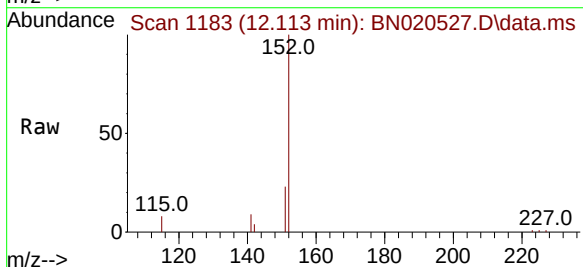
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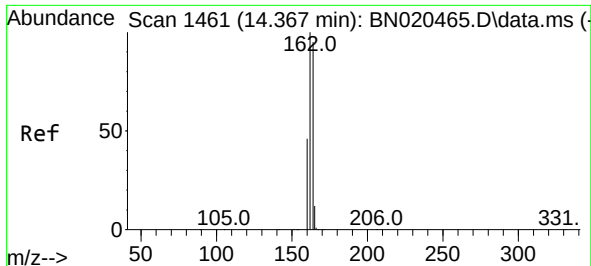
Tgt Ion:128 Resp: 2670
Ion Ratio Lower Upper
128 100
129 59.1 8.9 13.3#
127 33.7 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.113 min Scan# 1183
Delta R.T. -0.008 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion:152 Resp: 7225
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.4

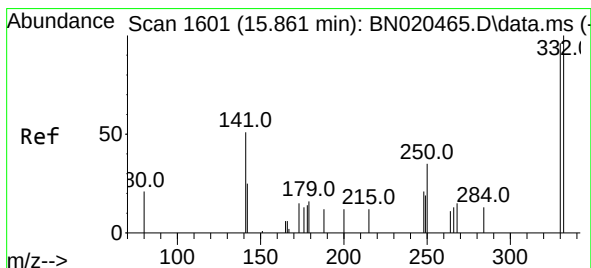
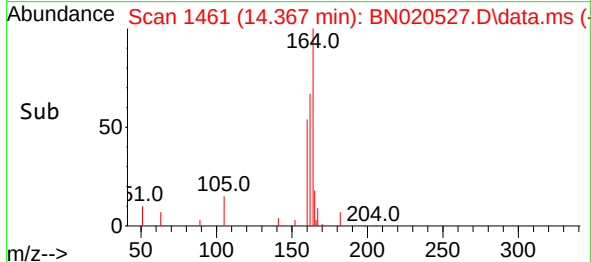
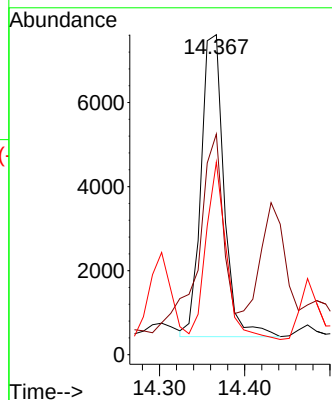
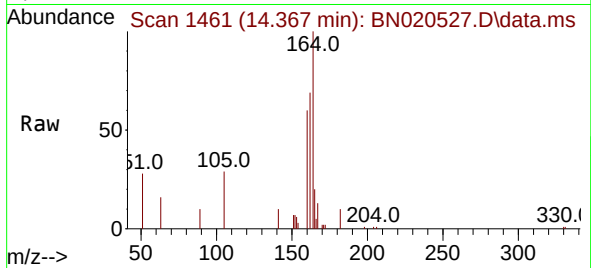




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

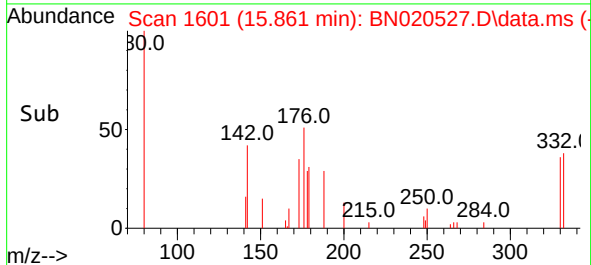
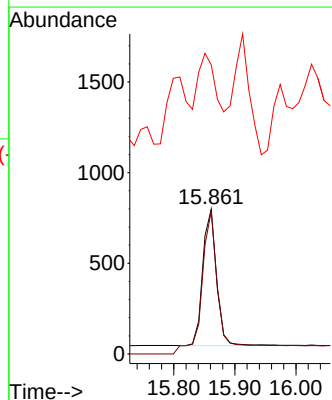
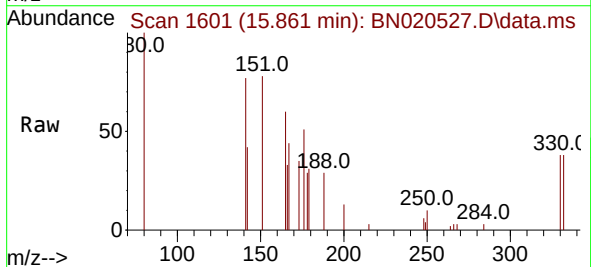
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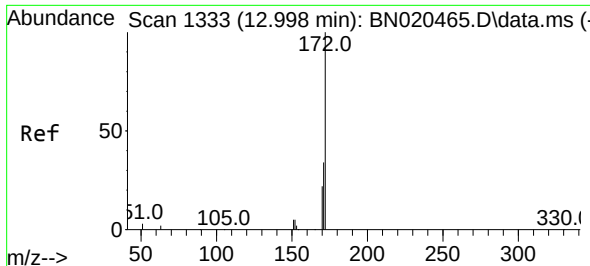
Tgt Ion:164 Resp: 13409
Ion Ratio Lower Upper
164 100
162 68.9 82.1 123.1#
160 60.2 38.6 58.0#



#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion:330 Resp: 1182
Ion Ratio Lower Upper
330 100
332 134.3 77.6 116.4#
141 98.5 41.0 61.4#

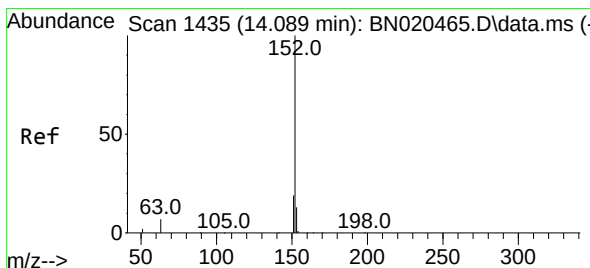
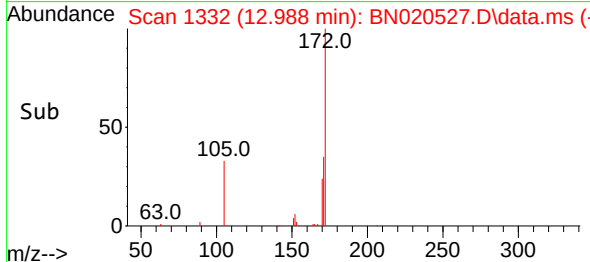
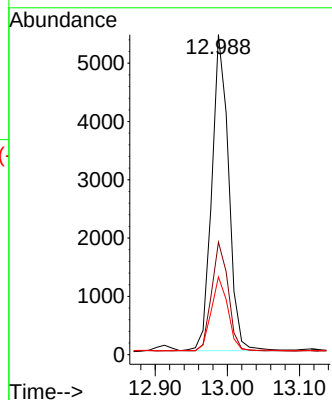
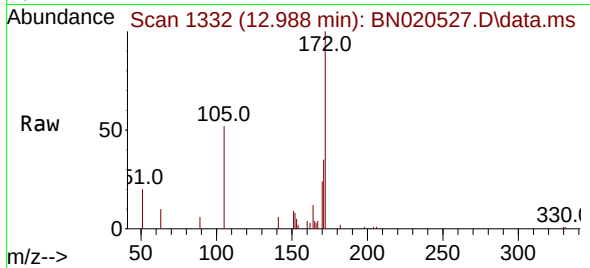




#15
2-Fluorobiphenyl
Concen: 0.158 ng
RT: 12.988 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

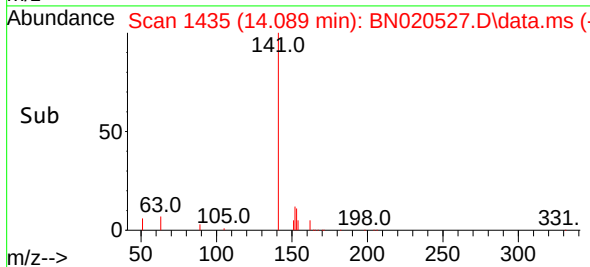
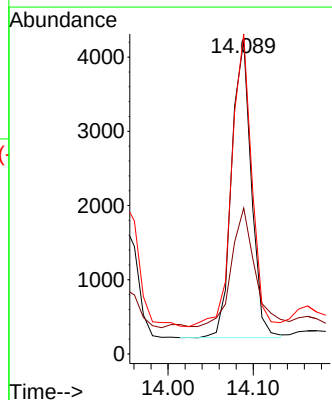
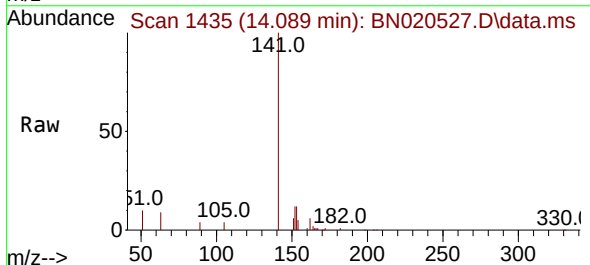
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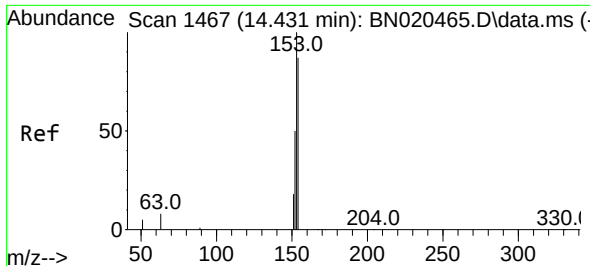
Tgt Ion:	172	Resp:	8766
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.2	40.8
170	24.3	18.2	27.4



#16
Acenaphthylene
Concen: 0.099 ng
RT: 14.089 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion:	152	Resp:	6391
Ion Ratio	Lower	Upper	
152	100		
151	48.0	16.2	24.4#
153	99.8	10.7	16.1#

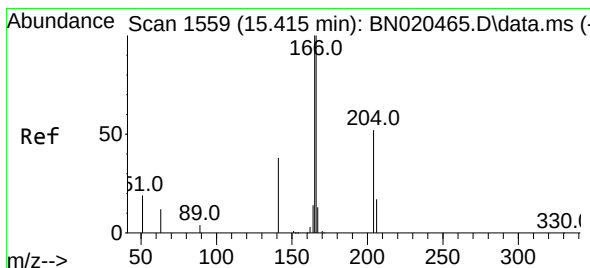
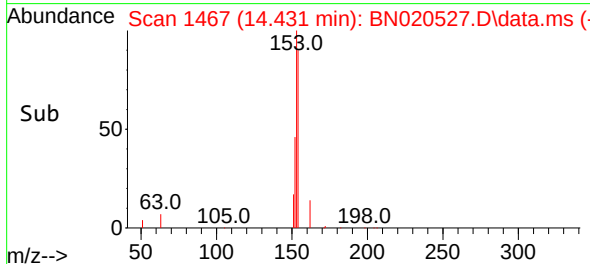
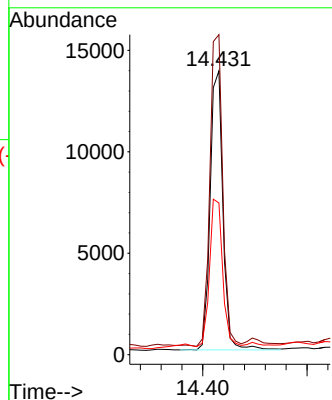
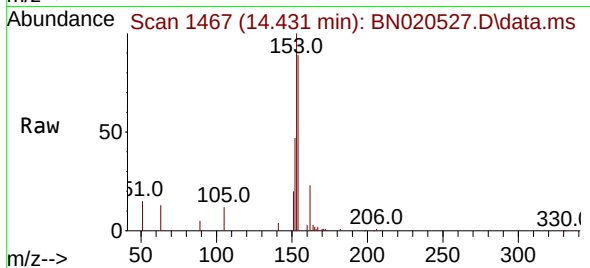




#17
Acenaphthene
Concen: 0.532 ng
RT: 14.431 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

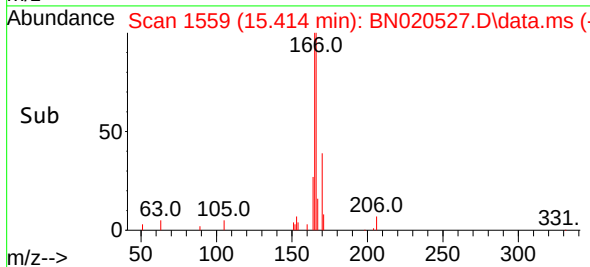
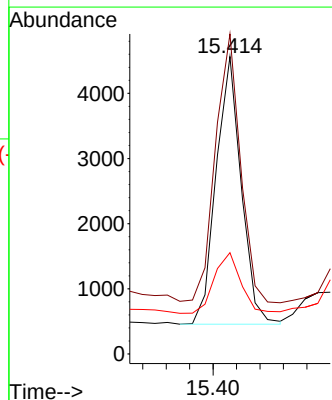
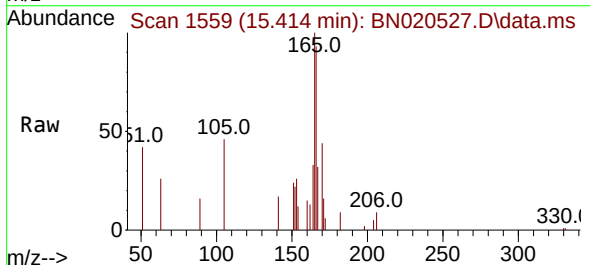
Instrument :
BNA_N
ClientSampleId :
MW-48

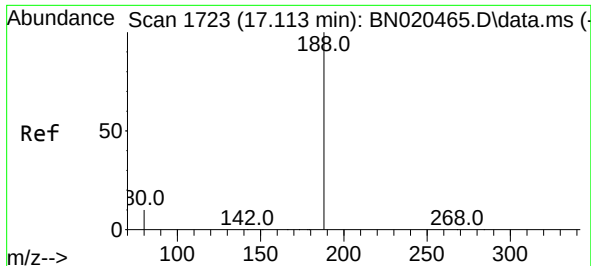
Tgt Ion:154 Resp: 23311
Ion Ratio Lower Upper
154 100
153 111.3 87.5 131.3
152 53.7 43.8 65.6



#18
Fluorene
Concen: 0.107 ng
RT: 15.414 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion:166 Resp: 6105
Ion Ratio Lower Upper
166 100
165 99.7 78.6 118.0
167 23.9 10.8 16.2#

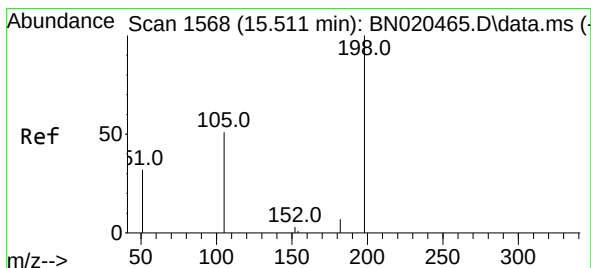
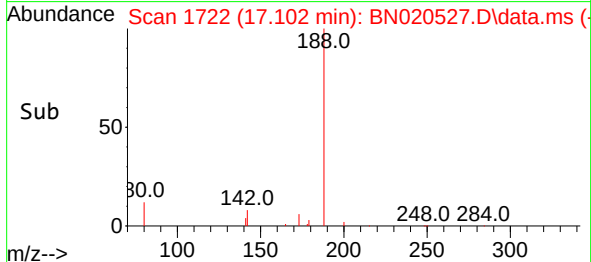
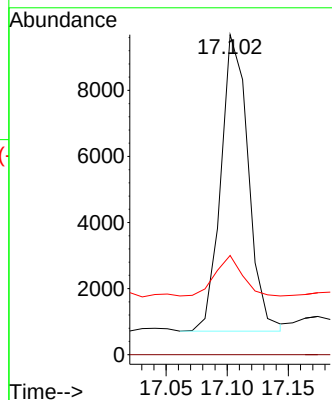
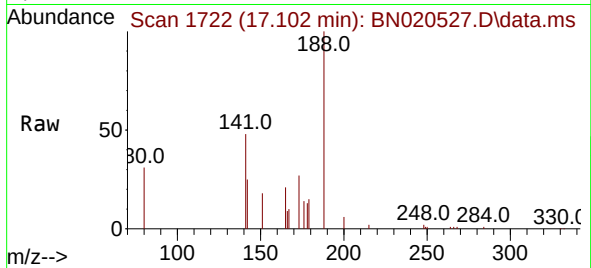




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.102 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

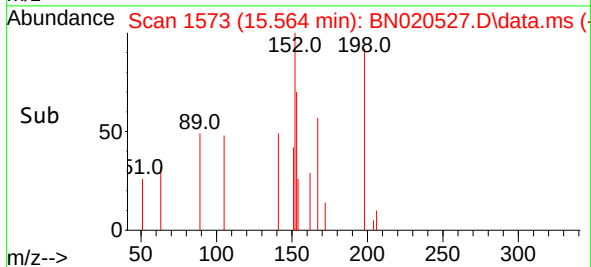
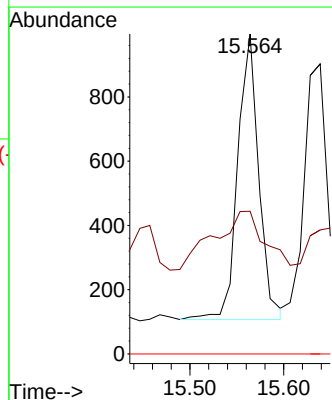
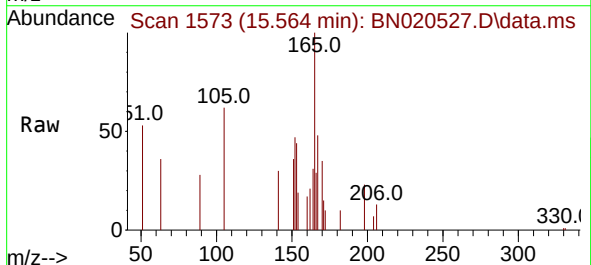
Instrument :
BNA_N
ClientSampleId :
MW-48

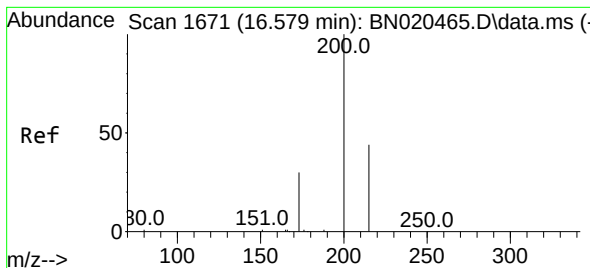
Tgt Ion:188 Resp: 13999
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 31.0 7.4 11.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.731 ng
RT: 15.564 min Scan# 1573
Delta R.T. 0.053 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion:198 Resp: 1386
Ion Ratio Lower Upper
198 100
182 44.6 12.1 18.1#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.109 ng

RT: 16.579 min Scan# 1671

Delta R.T. -0.000 min

Lab File: BN020527.D

Acq: 28 Jun 2022 09:55

Instrument :

BNA_N

ClientSampleId :

MW-48

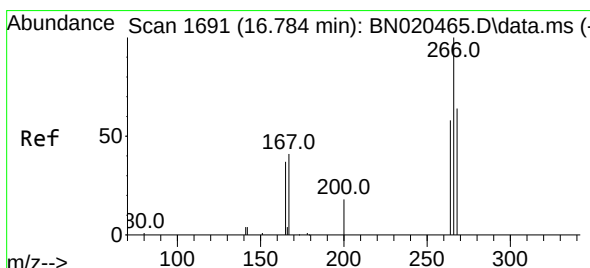
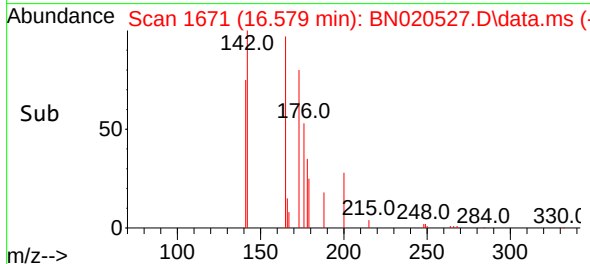
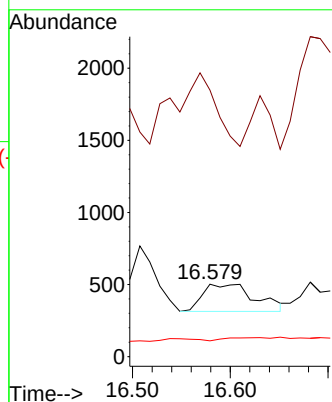
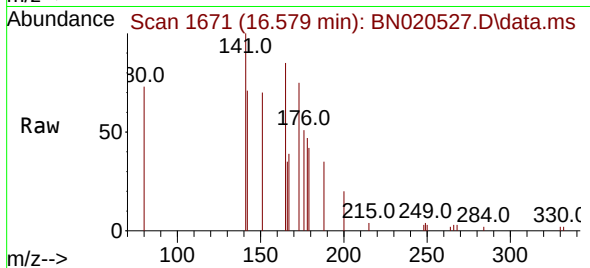
Tgt Ion:200 Resp: 697

Ion Ratio Lower Upper

200 100

173 368.1 23.6 35.4#

215 21.9 36.6 54.8#



#24

Pentachlorophenol

Concen: 0.368 ng

RT: 16.774 min Scan# 1690

Delta R.T. -0.010 min

Lab File: BN020527.D

Acq: 28 Jun 2022 09:55

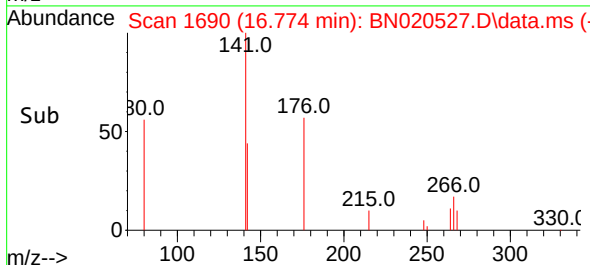
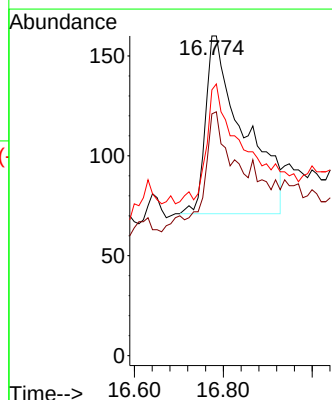
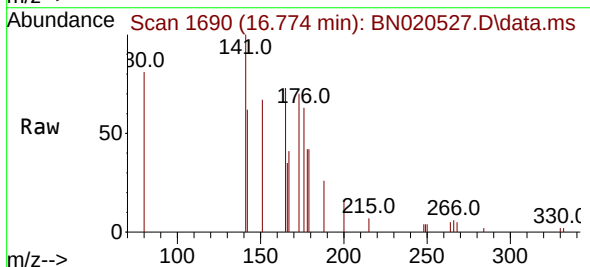
Tgt Ion:266 Resp: 531

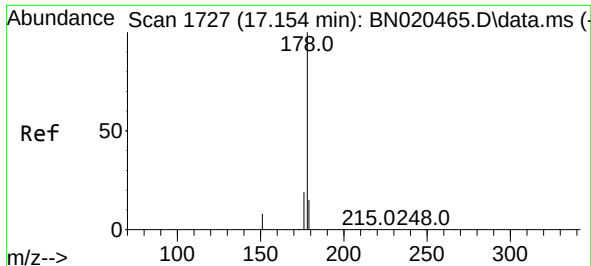
Ion Ratio Lower Upper

266 100

264 41.8 51.3 76.9#

268 65.5 52.6 79.0

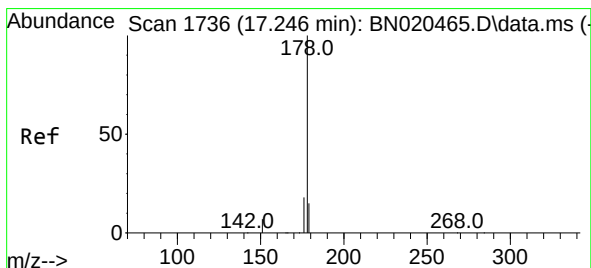
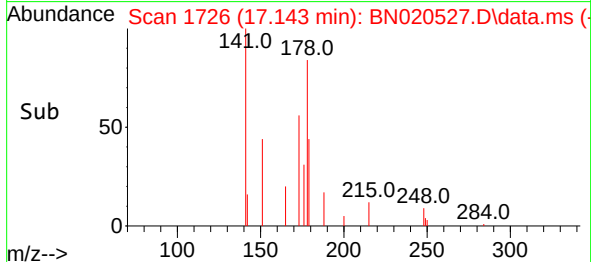
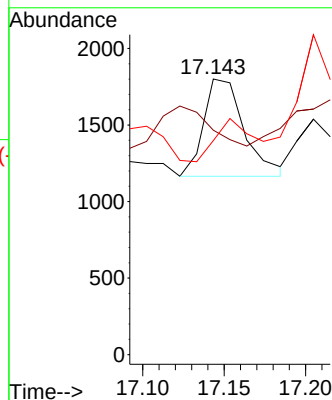
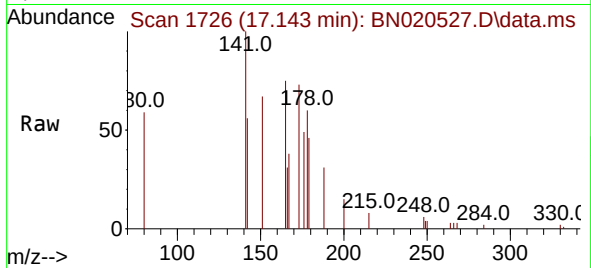




#25
Phenanthrene
Concen: 0.023 ng
RT: 17.143 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

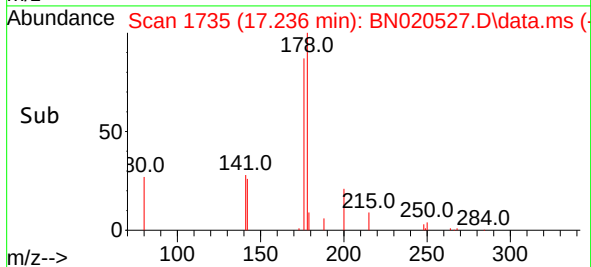
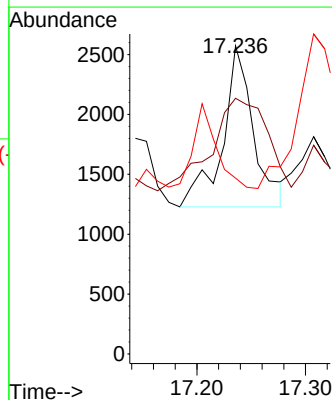
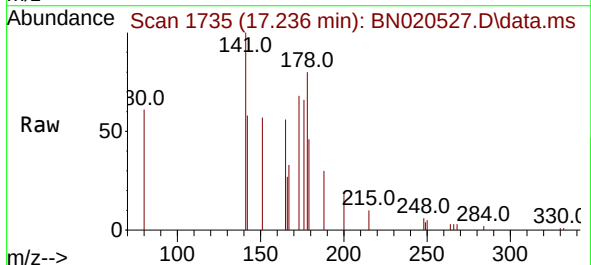
Instrument :
BNA_N
ClientSampleId :
MW-48

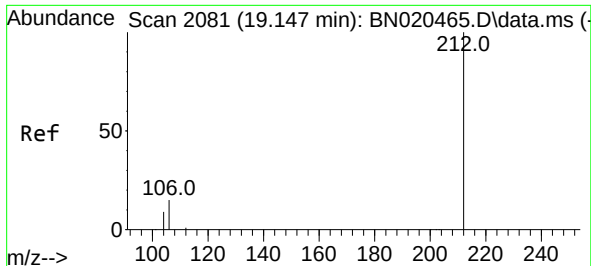
Tgt Ion:178 Resp: 1104
Ion Ratio Lower Upper
178 100
176 0.0 15.3 22.9#
179 41.0 12.2 18.4#



#26
Anthracene
Concen: 0.065 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion:178 Resp: 2663
Ion Ratio Lower Upper
178 100
176 103.6 14.9 22.3#
179 0.0 12.2 18.4#

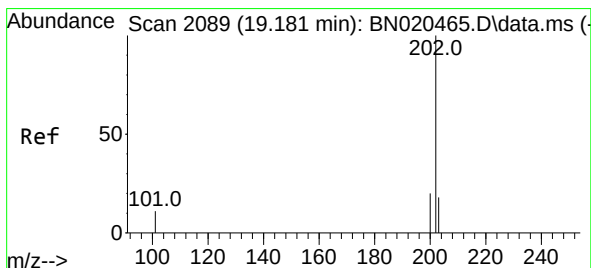
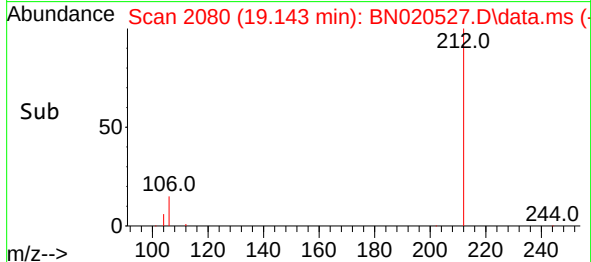
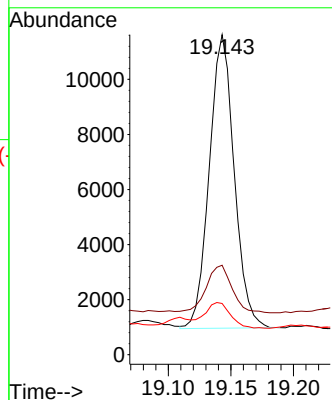
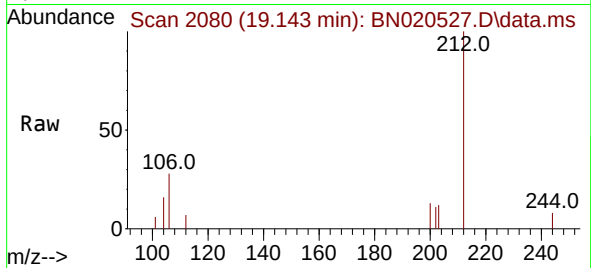




#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.143 min Scan# 2081
Delta R.T. -0.004 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

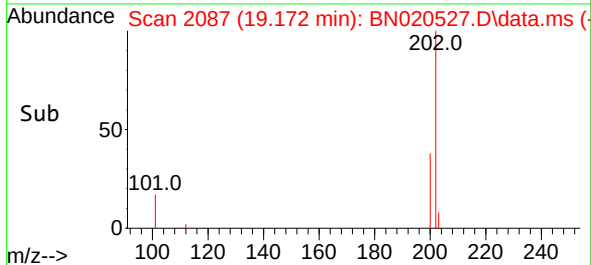
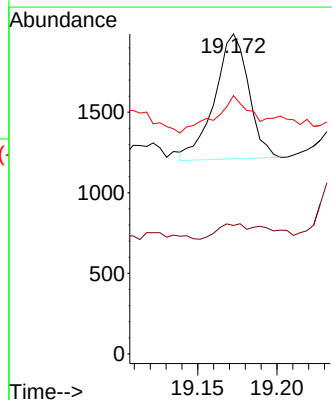
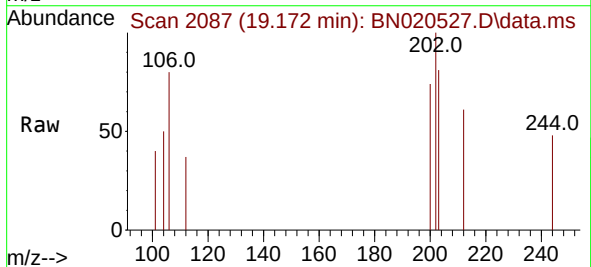
Instrument :
BNA_N
ClientSampleId :
MW-48

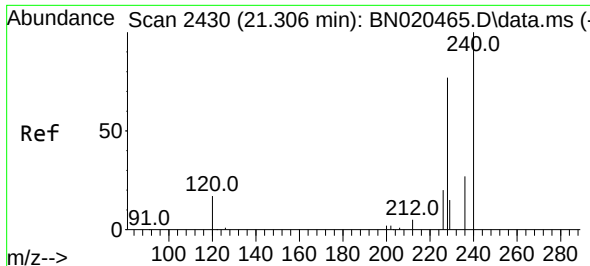
Tgt Ion:212 Resp: 14735
Ion Ratio Lower Upper
212 100
106 16.8 12.6 19.0
104 9.3 7.2 10.8



#28
Fluoranthene
Concen: 0.022 ng
RT: 19.172 min Scan# 2087
Delta R.T. -0.009 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion:202 Resp: 1156
Ion Ratio Lower Upper
202 100
101 0.0 9.6 14.4#
203 31.9 13.5 20.3#

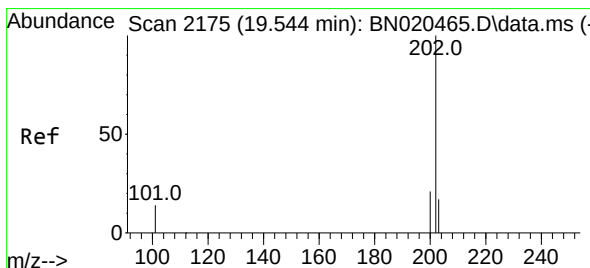
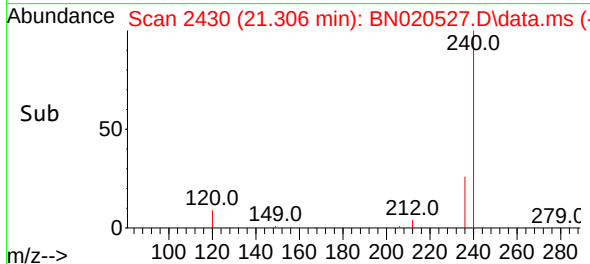
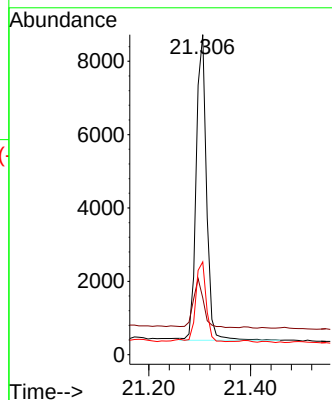
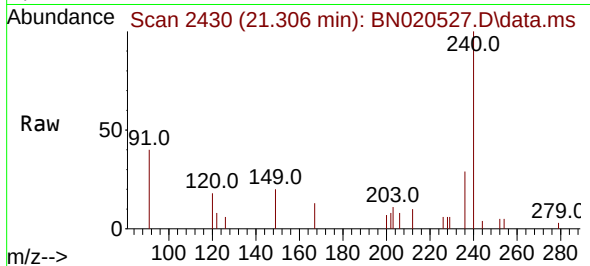




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

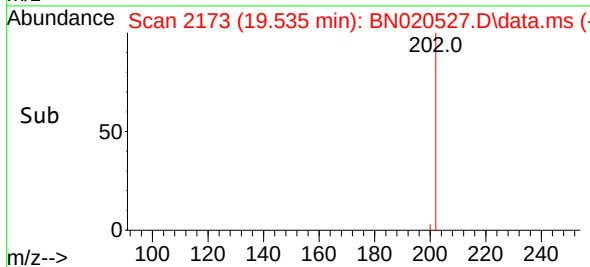
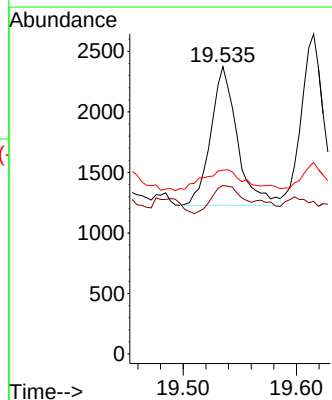
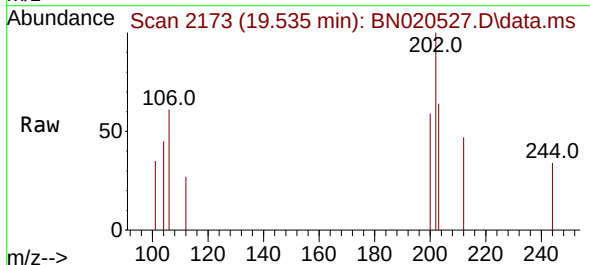
Instrument :
BNA_N
ClientSampleId :
MW-48

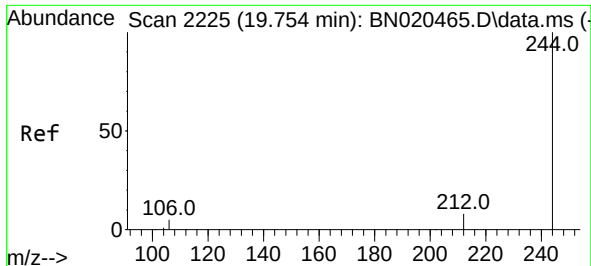
Tgt Ion:240 Resp: 11661
Ion Ratio Lower Upper
240 100
120 17.7 14.6 21.8
236 29.0 22.6 33.8



#30
Pyrene
Concen: 0.038 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.009 min
Lab File: BN020527.D
Acq: 28 Jun 2022 09:55

Tgt Ion:202 Resp: 1879
Ion Ratio Lower Upper
202 100
200 22.8 16.6 25.0
203 22.4 14.2 21.2#

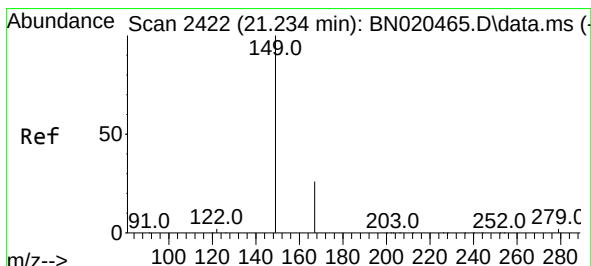
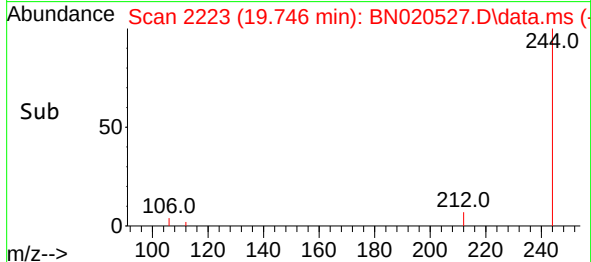
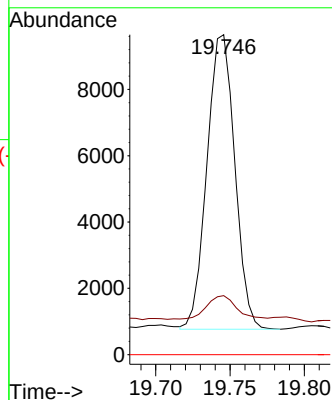
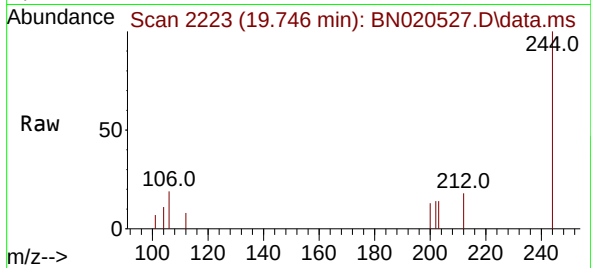




#31
 Terphenyl-d14
 Concen: 0.416 ng
 RT: 19.746 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN020527.D
 Acq: 28 Jun 2022 09:55

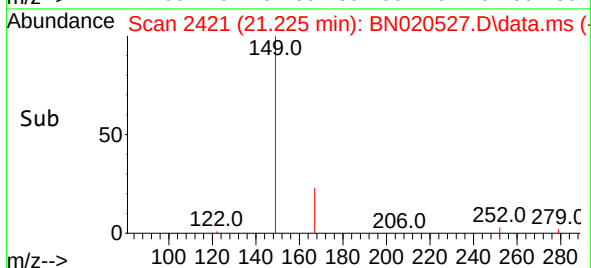
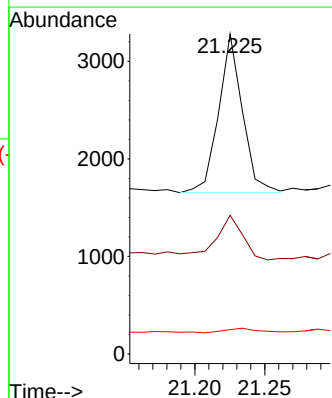
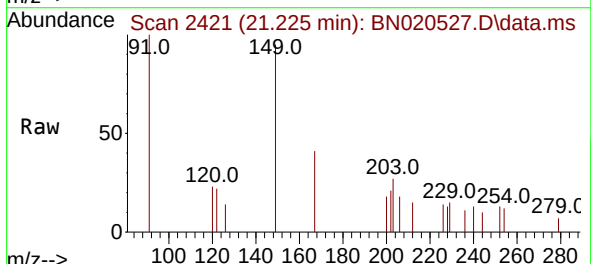
Instrument :
 BNA_N
 ClientSampleId :
 MW-48

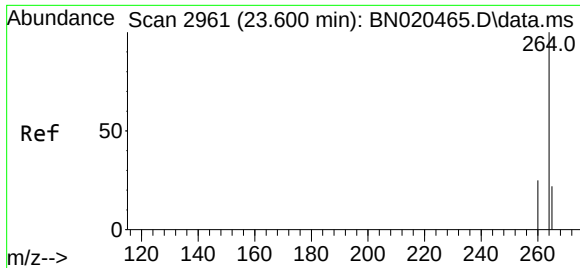
Tgt Ion:244 Resp: 11589
 Ion Ratio Lower Upper
 244 100
 212 18.4 7.1 10.7#
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.225 min Scan# 2421
 Delta R.T. -0.009 min
 Lab File: BN020527.D
 Acq: 28 Jun 2022 09:55

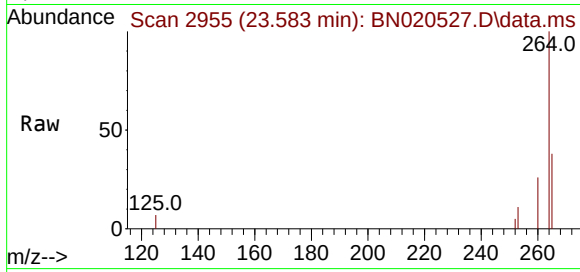
Tgt Ion:149 Resp: 1921
 Ion Ratio Lower Upper
 149 100
 167 32.0 21.7 32.5
 279 4.0 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.583 min Scan# 2955
 Delta R.T. -0.018 min
 Lab File: BN020527.D
 Acq: 28 Jun 2022 09:55

Instrument :
 BNA_N
 ClientSampleId :
 MW-48



Tgt Ion:264 Resp: 9362

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.9	31.3
265	38.5	28.0	42.0

