

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020475.D
 Acq On : 26 Jun 2022 21:18
 Operator : CG/JU
 Sample : N3354-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-48

Quant Time: Jun 27 02:51:57 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

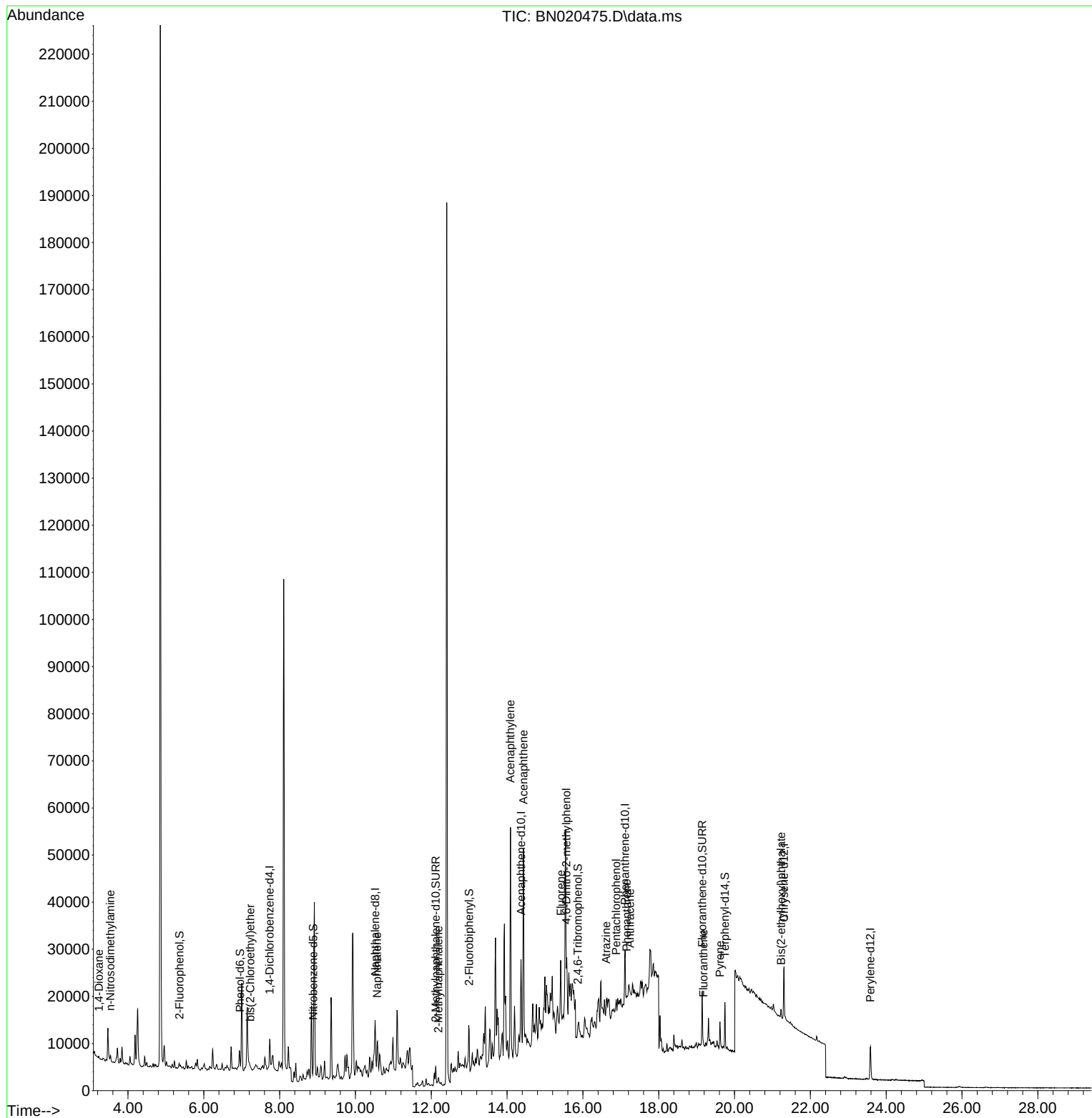
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2882	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	9865	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	11472	0.400	ng	# 0.00
19) Phenanthrene-d10	17.113	188	12327	0.400	ng	# 0.00
29) Chrysene-d12	21.306	240	10614	0.400	ng	0.00
35) Perylene-d12	23.583	264	9494	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	1171	0.146	ng	0.00
5) Phenol-d6	6.952	99	783	0.082	ng	0.00
8) Nitrobenzene-d5	8.886	82	2017	0.252	ng	-0.01
11) 2-Methylnaphthalene-d10	12.117	152	6019	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	1004	0.232	ng	0.00
15) 2-Fluorobiphenyl	12.998	172	7256	0.153	ng	0.00
27) Fluoranthene-d10	19.147	212	13067	0.357	ng	0.00
31) Terphenyl-d14	19.746	244	10316	0.407	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	169	0.045	ng	# 1
3) n-Nitrosodimethylamine	3.535	42	168	0.049	ng	# 7
6) bis(2-Chloroethyl)ether	7.226	93	450	0.055	ng	# 43
9) Naphthalene	10.573	128	2298	0.078	ng	# 20
12) 2-Methylnaphthalene	12.189	142	1195	0.061	ng	# 56
16) Acenaphthylene	14.089	152	5525	0.100	ng	# 1
17) Acenaphthene	14.431	154	19918	0.531	ng	98
18) Fluorene	15.414	166	5163	0.105	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.564	198	1198	0.721	ng	# 28
23) Atrazine	16.610	200	660	0.117	ng	# 1
24) Pentachlorophenol	16.877	266	11	0.188	ng	93
25) Phenanthrene	17.154	178	1005	0.024	ng	# 45
26) Anthracene	17.246	178	2067	0.058	ng	# 1
28) Fluoranthene	19.177	202	1014	0.022	ng	# 84
30) Pyrene	19.615	202	1675	0.037	ng	96
34) Bis(2-ethylhexyl)phtha...	21.225	149	1789	0.084	ng	# 87

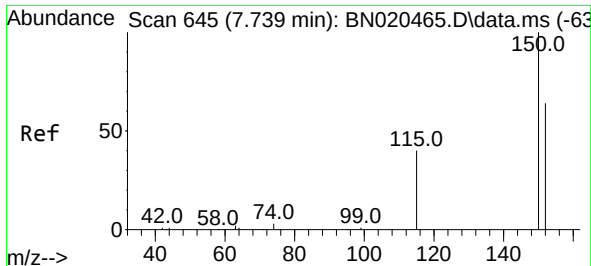
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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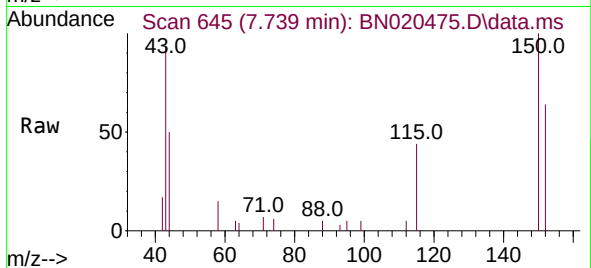
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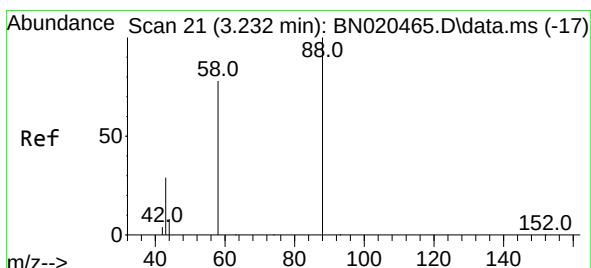
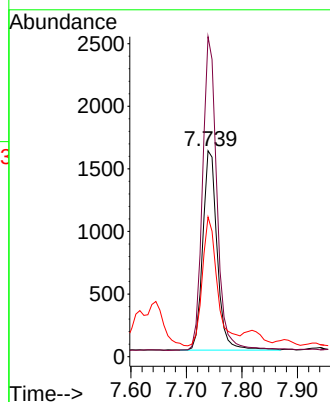
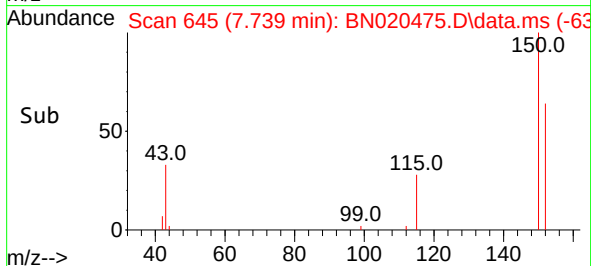


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 645
 Delta R.T. -0.000 min
 Lab File: BN020475.D
 Acq: 26 Jun 2022 21:18

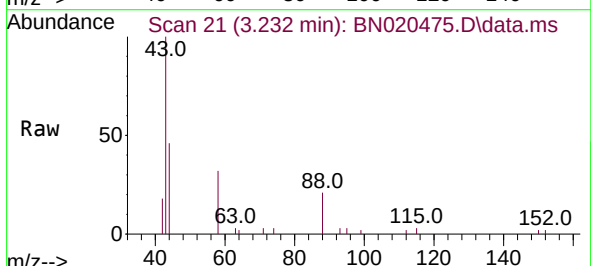
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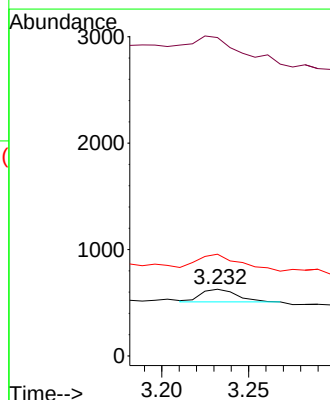
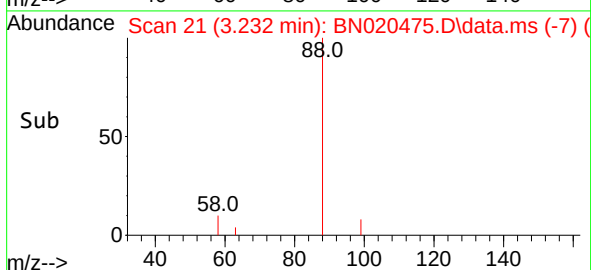
Tgt Ion:152 Resp: 2882
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.9 191.9
 115 67.8 51.4 77.2

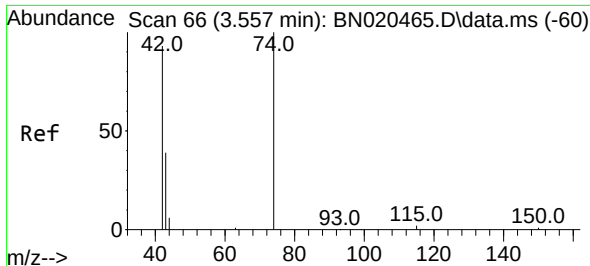


#2
 1,4-Dioxane
 Concen: 0.045 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN020475.D
 Acq: 26 Jun 2022 21:18



Tgt Ion: 88 Resp: 169
 Ion Ratio Lower Upper
 88 100
 43 286.4 30.2 45.2#
 58 161.5 73.0 109.6#

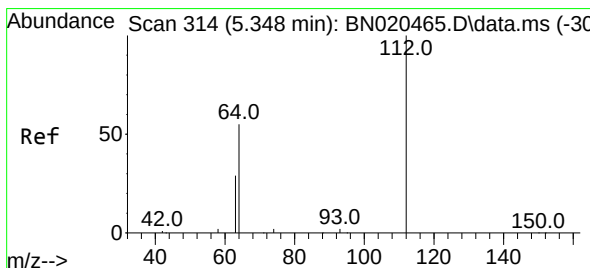
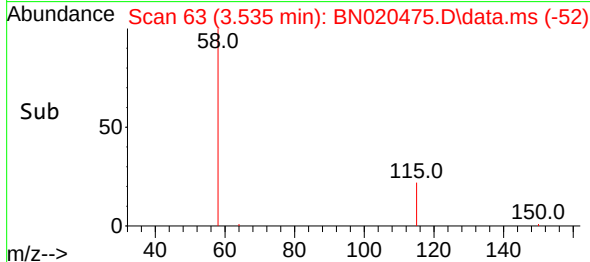
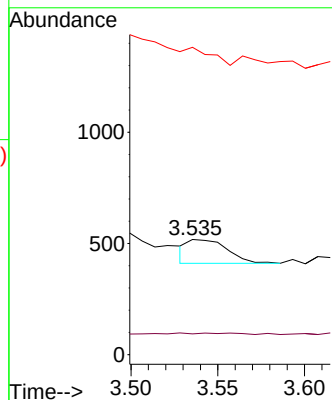
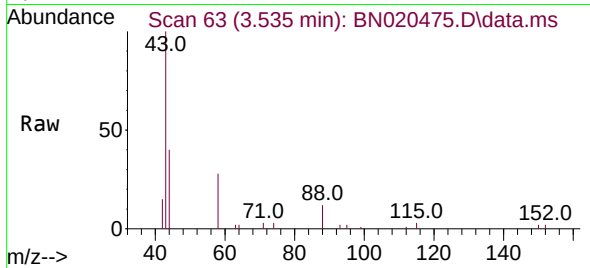




#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.535 min Scan# 61
Delta R.T. -0.022 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

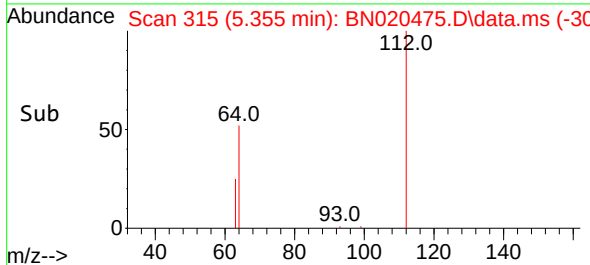
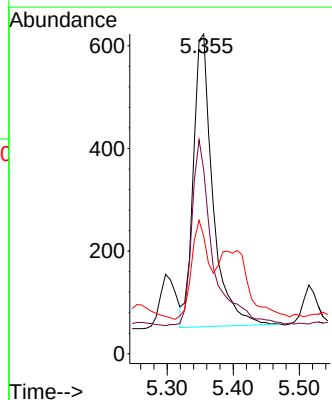
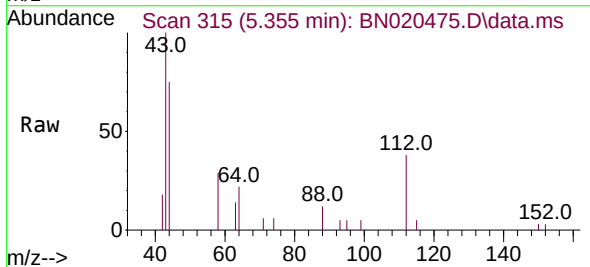
Instrument :
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ClientSampleId :
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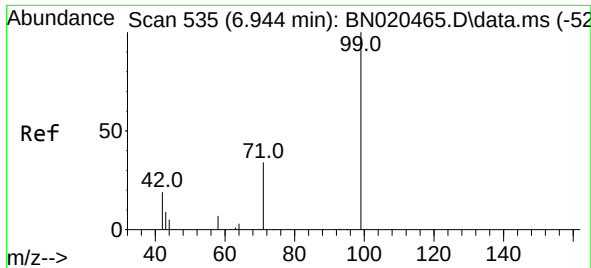
Tgt Ion: 42 Resp: 168
Ion Ratio Lower Upper
42 100
74 2.4 84.0 126.0#
44 0.0 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.355 min Scan# 315
Delta R.T. 0.007 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

Tgt Ion: 112 Resp: 1171
Ion Ratio Lower Upper
112 100
64 68.1 49.1 73.7
63 29.8 26.3 39.5

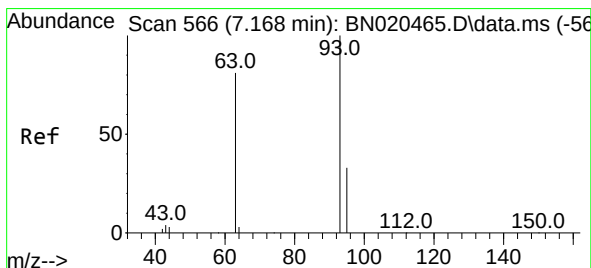
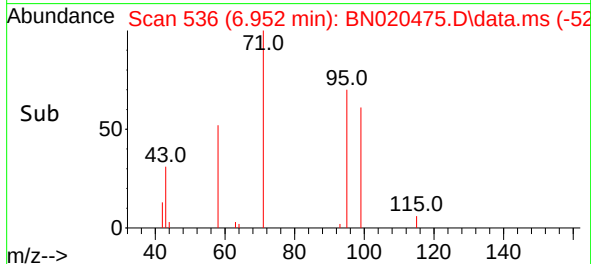
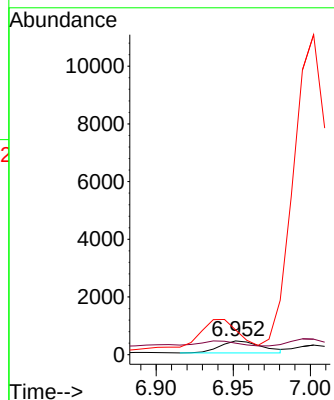
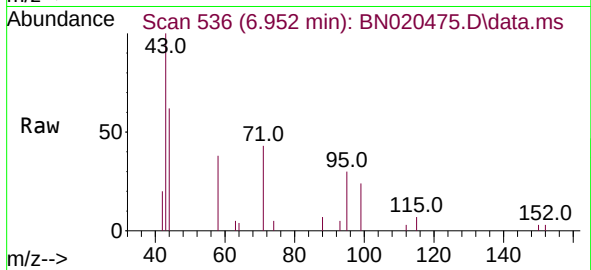




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.952 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

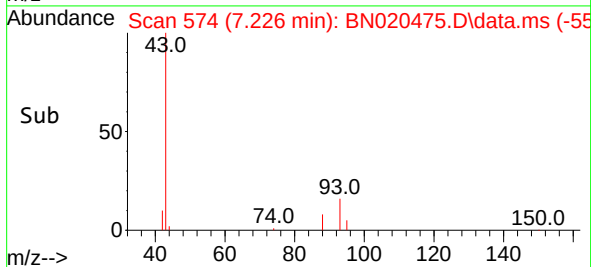
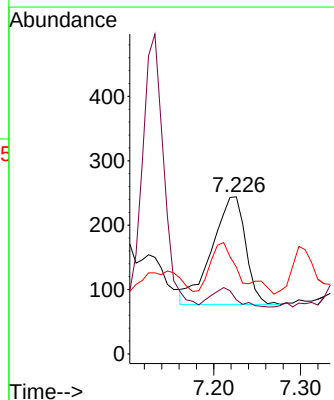
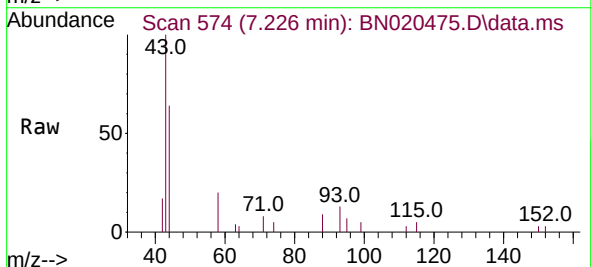
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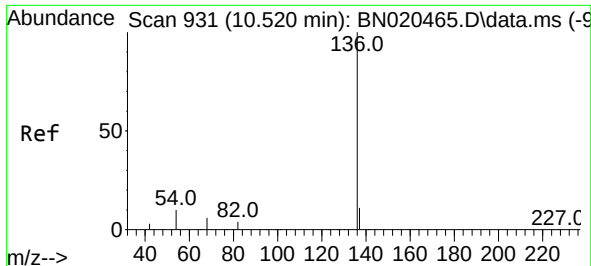
Tgt Ion: 99 Resp: 783
Ion Ratio Lower Upper
99 100
42 60.2 19.3 28.9#
71 274.5 27.5 41.3#



#6
bis(2-Chloroethyl)ether
Concen: 0.055 ng
RT: 7.226 min Scan# 574
Delta R.T. 0.058 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

Tgt Ion: 93 Resp: 450
Ion Ratio Lower Upper
93 100
63 12.9 67.4 101.0#
95 33.3 26.5 39.7

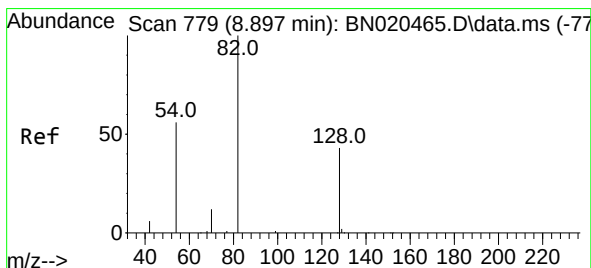
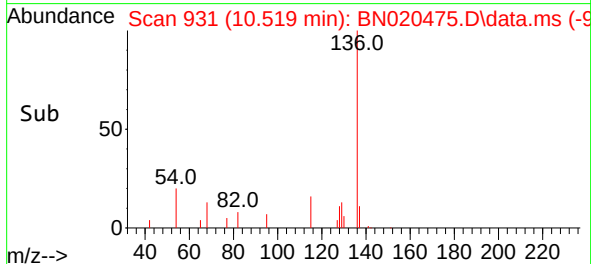
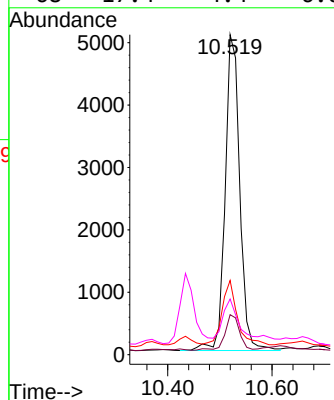
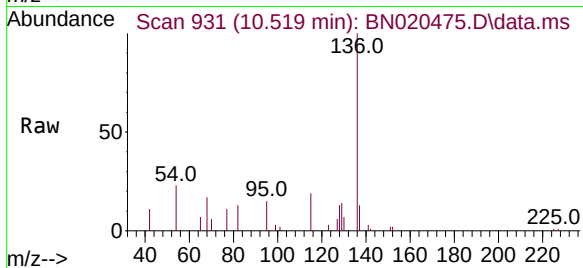




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

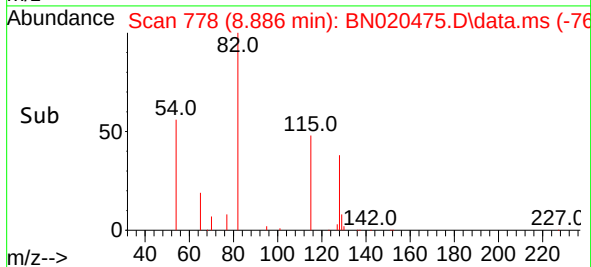
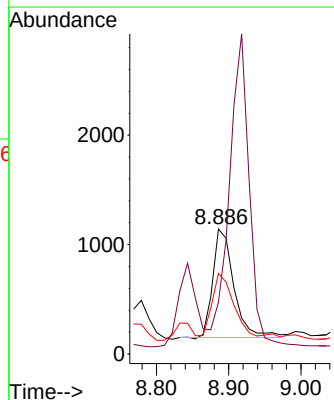
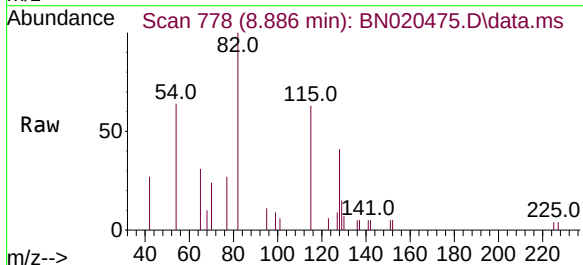
Instrument :
BNA_N
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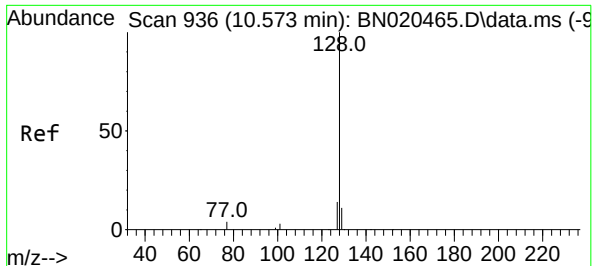
Tgt Ion:	136	Resp:	9865
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.0	13.6
54	23.2	6.2	9.2#
68	17.4	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.886 min Scan# 778
Delta R.T. -0.011 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

Tgt Ion:	82	Resp:	2017
Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.0	52.6
54	64.4	46.2	69.4

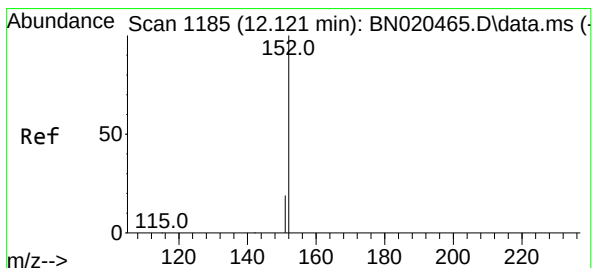
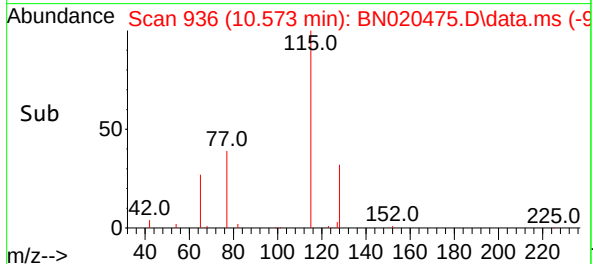
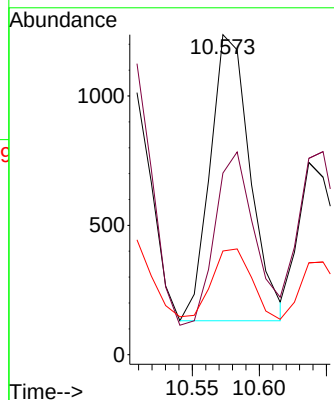
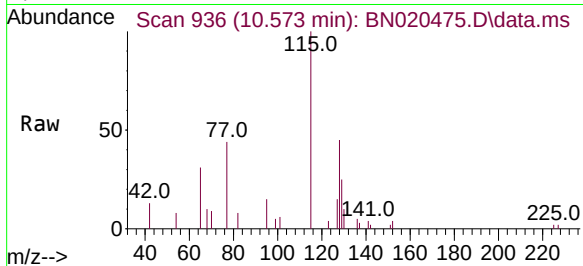




#9
Naphthalene
Concen: 0.078 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

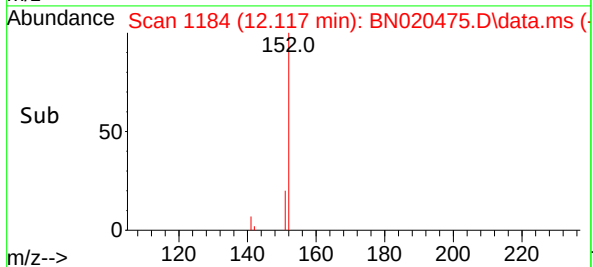
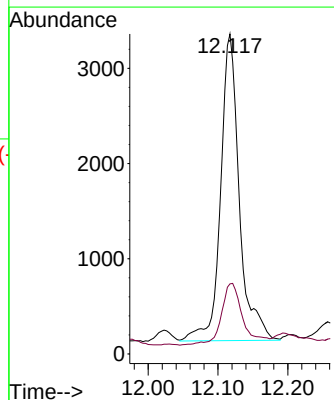
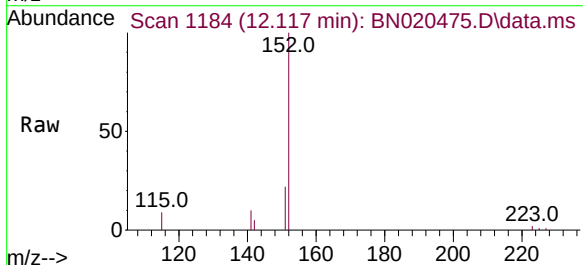
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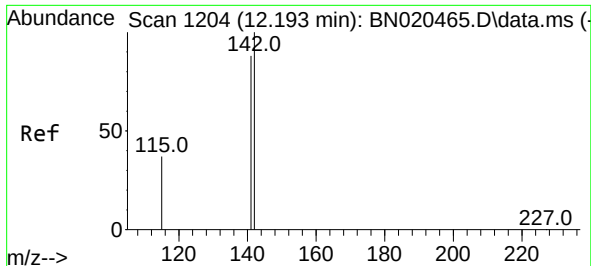
Tgt Ion:128 Resp: 2298
Ion Ratio Lower Upper
128 100
129 56.8 8.9 13.3#
127 32.4 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

Tgt Ion:152 Resp: 6019
Ion Ratio Lower Upper
152 100
151 23.4 16.2 24.4

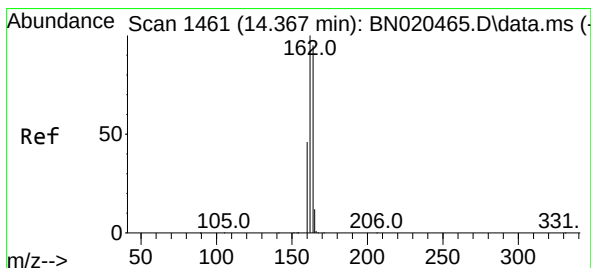
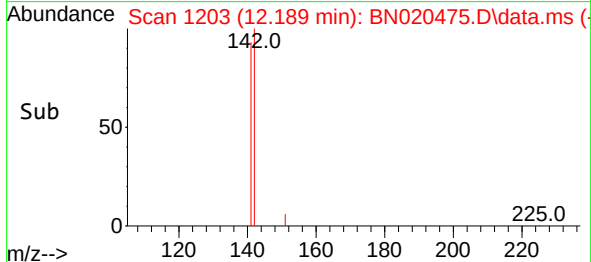
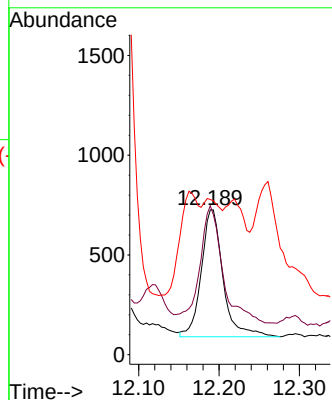
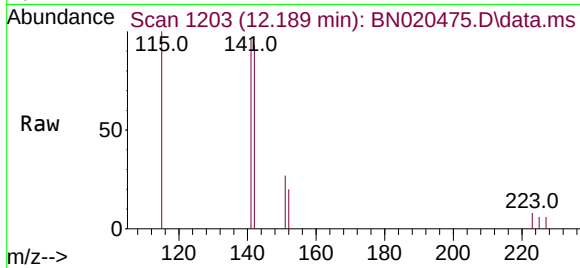




#12
2-Methylnaphthalene
Concen: 0.061 ng
RT: 12.189 min Scan# 1195
Delta R.T. -0.004 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

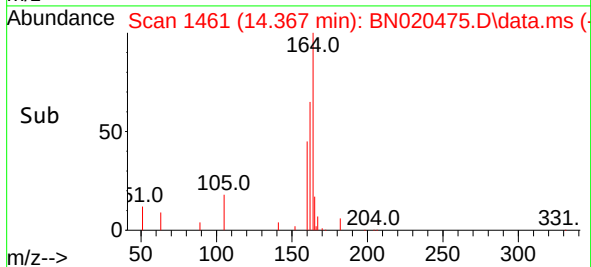
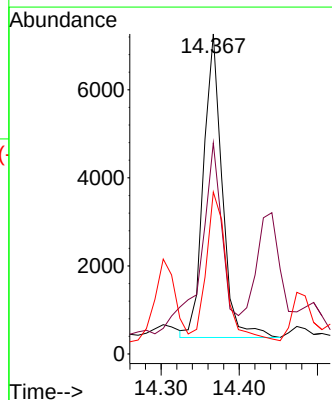
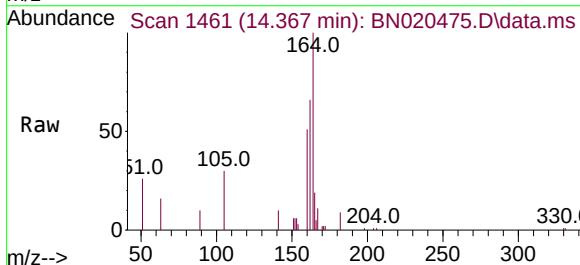
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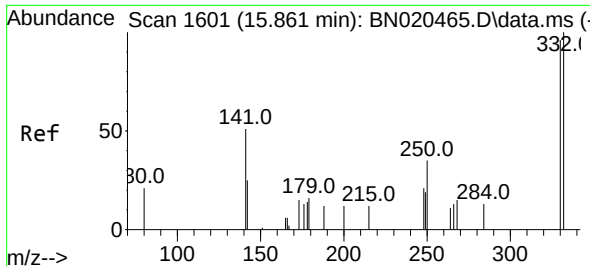
Tgt Ion	Ratio	Lower	Upper
142	100		
141	102.9	71.6	107.4
115	107.2	29.8	44.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	65.9	82.1	123.1
160	50.6	38.6	58.0

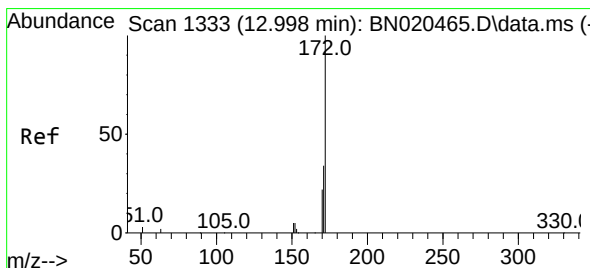
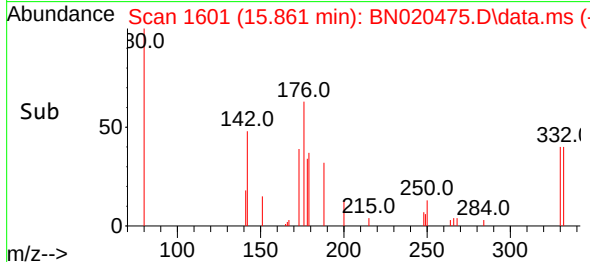
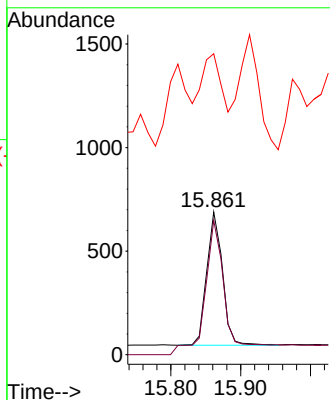
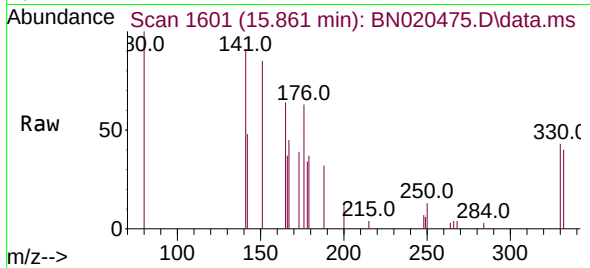




#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

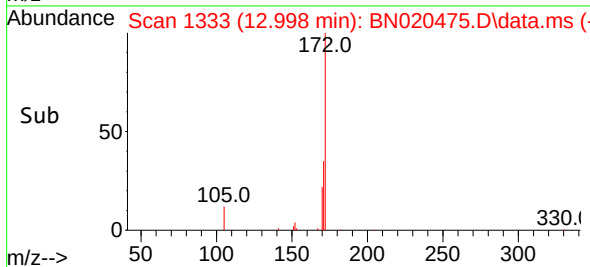
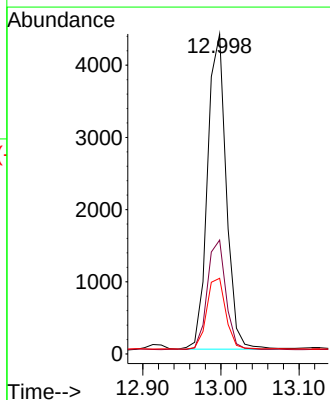
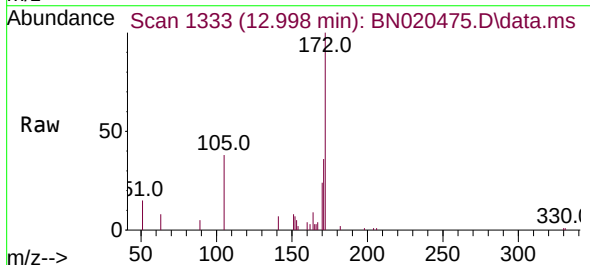
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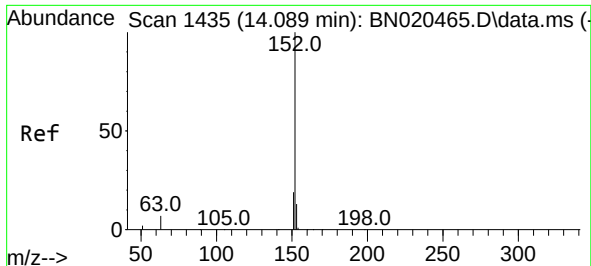
Tgt Ion:330 Resp: 1004
Ion Ratio Lower Upper
330 100
332 132.1 77.6 116.4#
141 100.2 41.0 61.4#



#15
2-Fluorobiphenyl
Concen: 0.153 ng
RT: 12.998 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

Tgt Ion:172 Resp: 7256
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 23.6 18.2 27.4

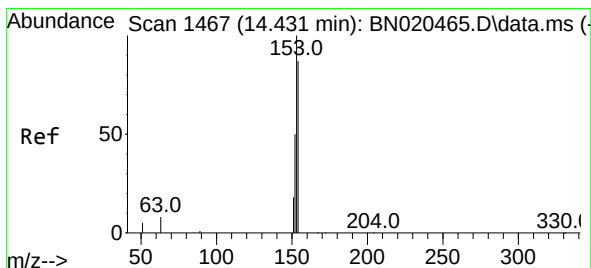
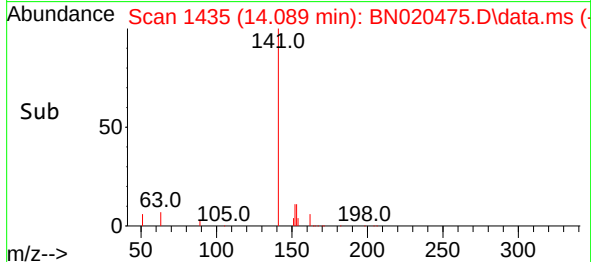
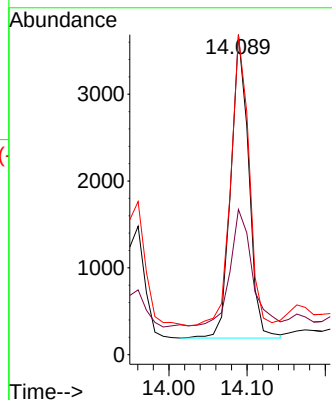
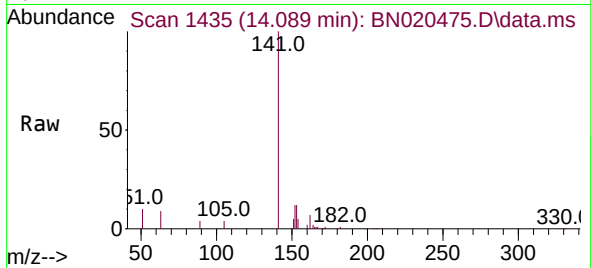




#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.089 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

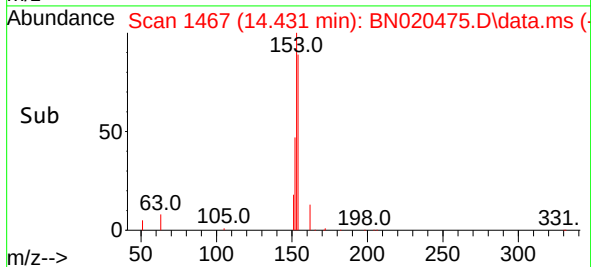
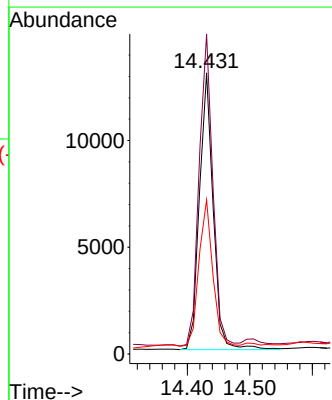
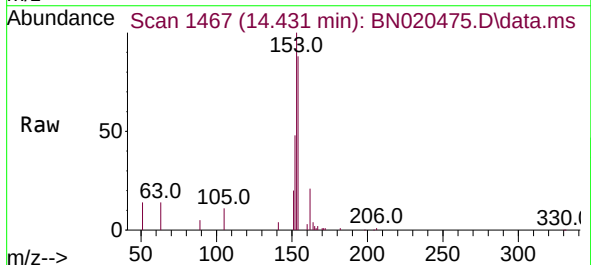
Instrument :
BNA_N
ClientSampleId :
MW-48

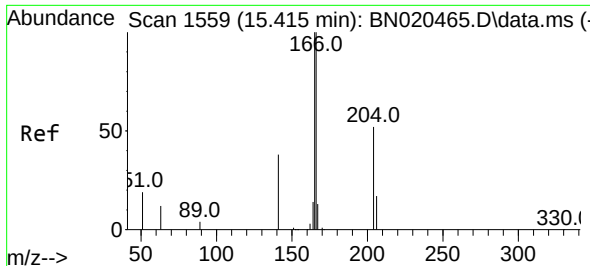
Tgt Ion:152 Resp: 5525
Ion Ratio Lower Upper
152 100
151 46.9 16.2 24.4#
153 97.6 10.7 16.1#



#17
Acenaphthene
Concen: 0.531 ng
RT: 14.431 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

Tgt Ion:154 Resp: 19918
Ion Ratio Lower Upper
154 100
153 111.6 87.5 131.3
152 52.8 43.8 65.6

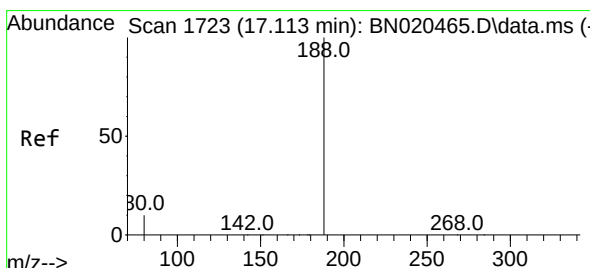
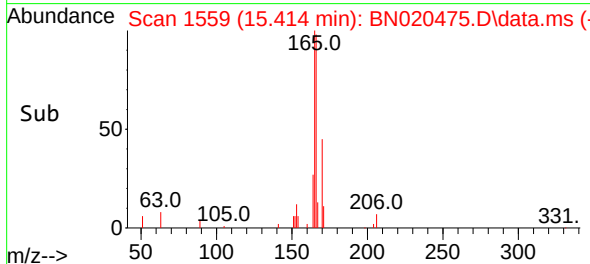
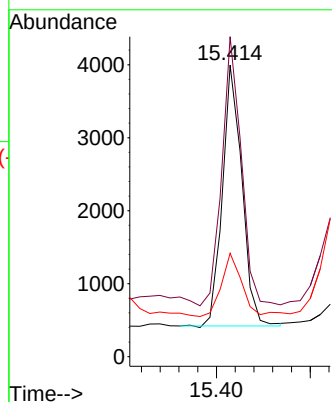
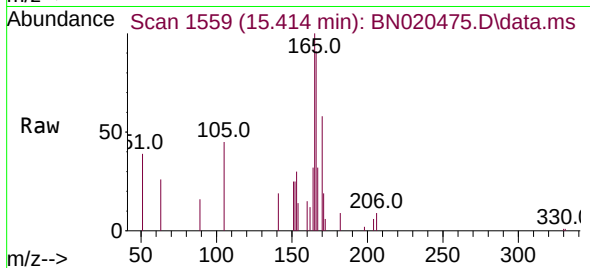




#18
 Fluorene
 Concen: 0.105 ng
 RT: 15.414 min Scan# 1559
 Delta R.T. -0.000 min
 Lab File: BN020475.D
 Acq: 26 Jun 2022 21:18

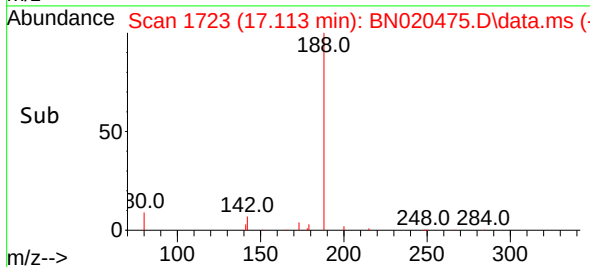
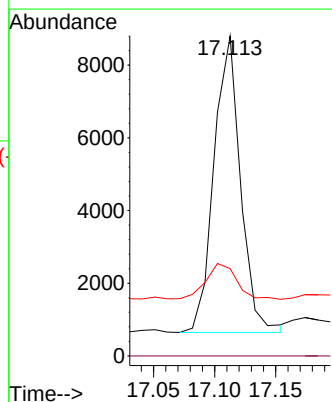
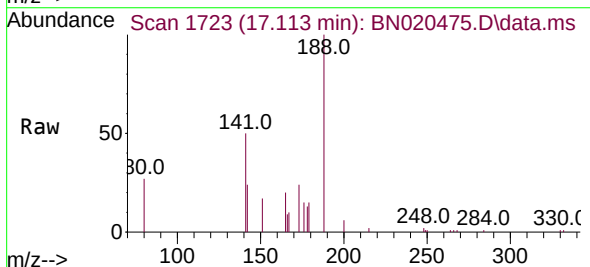
Instrument :
 BNA_N
 ClientSampleId :
 MW-48

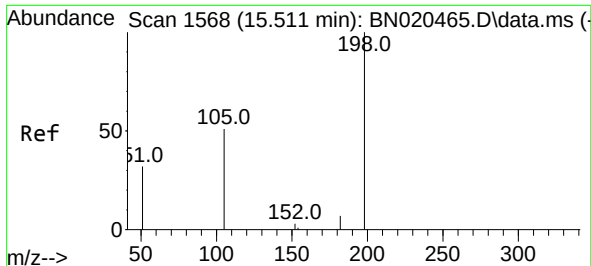
Tgt Ion:166 Resp: 5163
 Ion Ratio Lower Upper
 166 100
 165 102.1 78.6 118.0
 167 26.0 10.8 16.2#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.113 min Scan# 1723
 Delta R.T. -0.000 min
 Lab File: BN020475.D
 Acq: 26 Jun 2022 21:18

Tgt Ion:188 Resp: 12327
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 27.3 7.4 11.2#

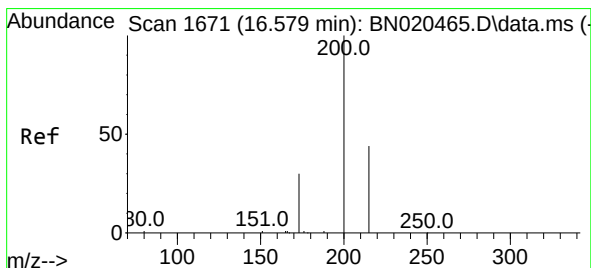
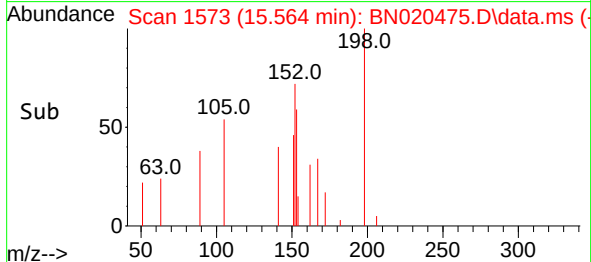
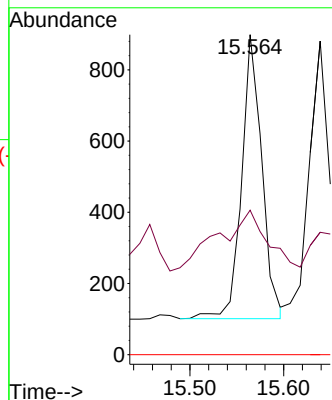
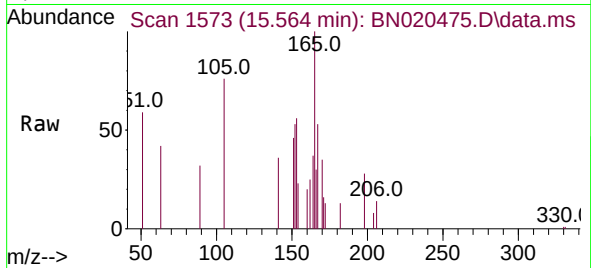




#20
4,6-Dinitro-2-methylphenol
Concen: 0.721 ng
RT: 15.564 min Scan# 1198
Delta R.T. 0.053 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

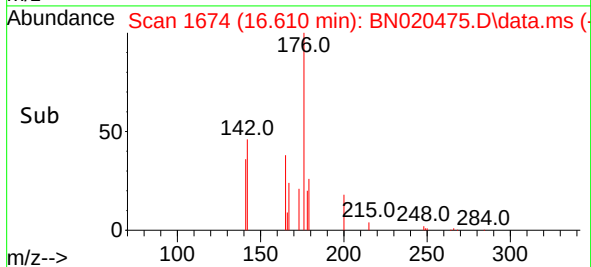
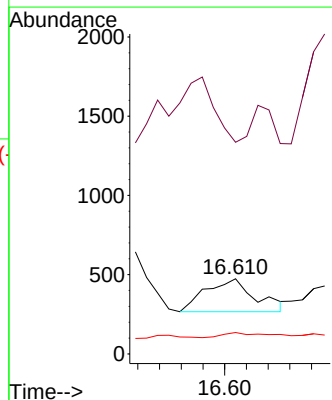
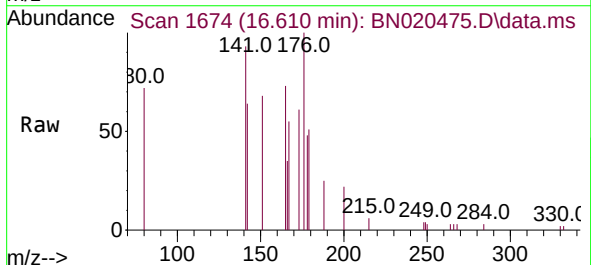
Instrument :
BNA_N
ClientSampleId :
MW-48

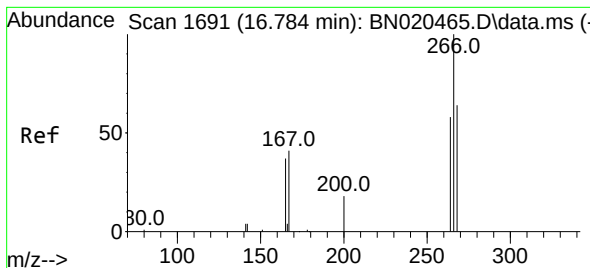
Tgt Ion:198 Resp: 1198
Ion Ratio Lower Upper
198 100
182 45.2 12.1 18.1#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.117 ng
RT: 16.610 min Scan# 1674
Delta R.T. 0.031 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

Tgt Ion:200 Resp: 660
Ion Ratio Lower Upper
200 100
173 281.6 23.6 35.4#
215 28.5 36.6 54.8#





#24

Pentachlorophenol

Concen: 0.188 ng

RT: 16.877 min Scan# 11

Delta R.T. 0.093 min

Lab File: BN020475.D

Acq: 26 Jun 2022 21:18

Instrument :

BNA_N

ClientSampleId :

MW-48

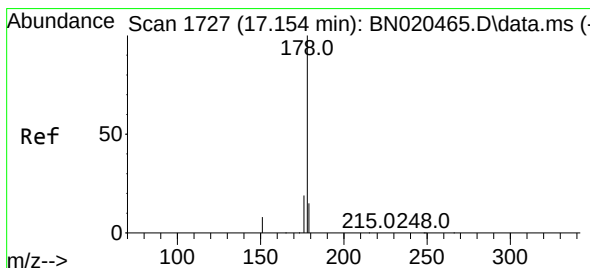
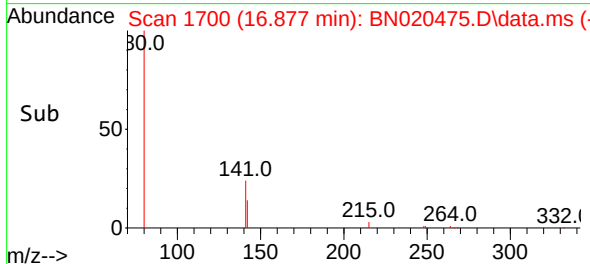
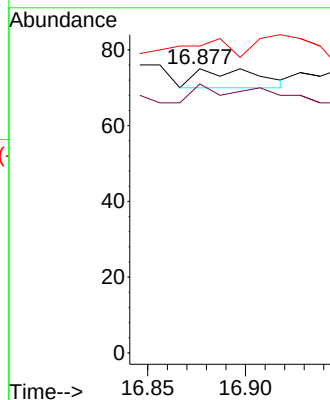
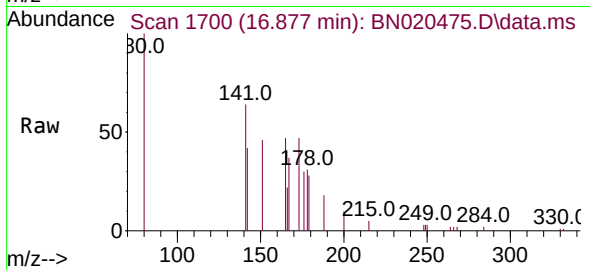
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 54.5 51.3 76.9

268 63.6 52.6 79.0



#25

Phenanthrene

Concen: 0.024 ng

RT: 17.154 min Scan# 1727

Delta R.T. -0.000 min

Lab File: BN020475.D

Acq: 26 Jun 2022 21:18

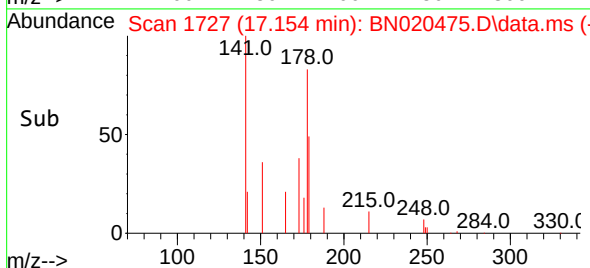
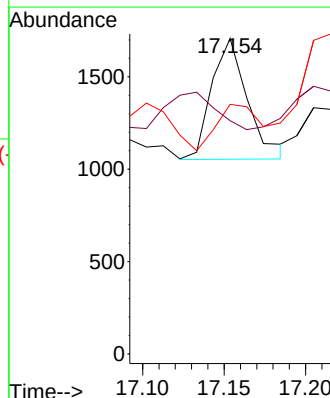
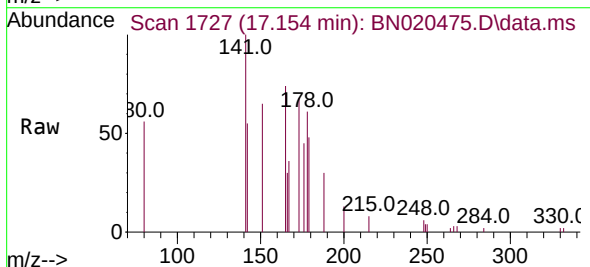
Tgt Ion:178 Resp: 1005

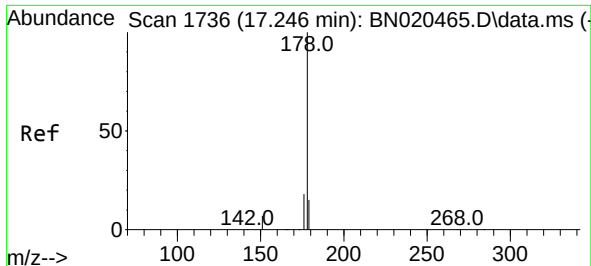
Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

179 45.0 12.2 18.4#

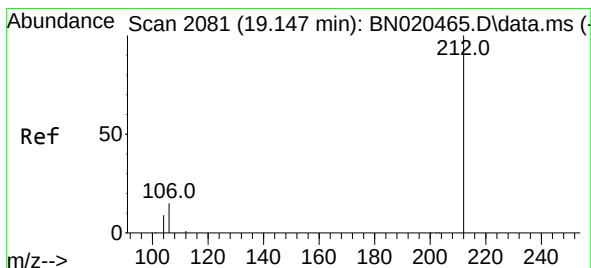
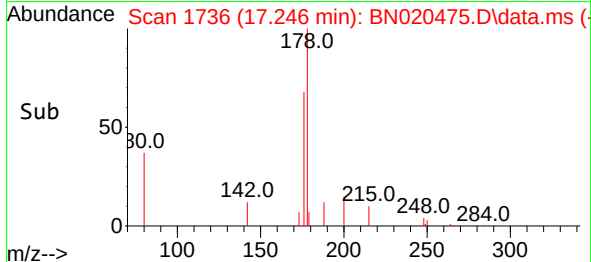
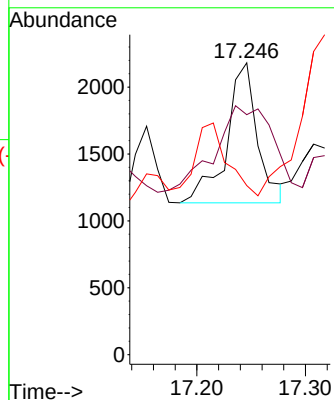
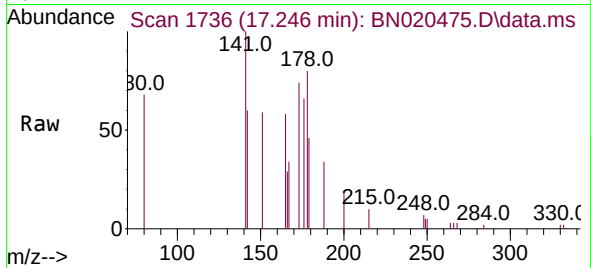




#26
 Anthracene
 Concen: 0.058 ng
 RT: 17.246 min Scan# 1736
 Delta R.T. -0.000 min
 Lab File: BN020475.D
 Acq: 26 Jun 2022 21:18

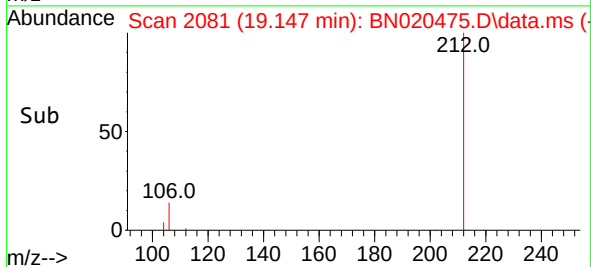
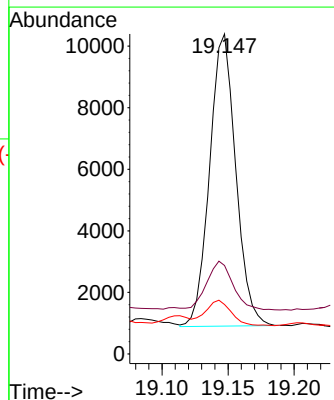
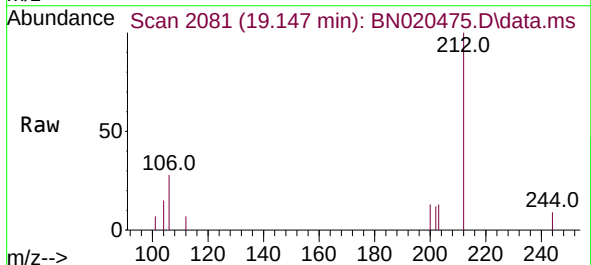
Instrument :
 BNA_N
 ClientSampleId :
 MW-48

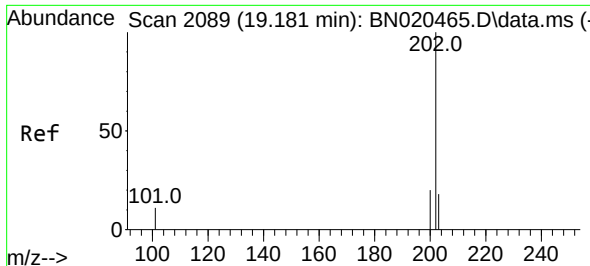
Tgt Ion:178 Resp: 2067
 Ion Ratio Lower Upper
 178 100
 176 115.6 14.9 22.3#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.357 ng
 RT: 19.147 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: BN020475.D
 Acq: 26 Jun 2022 21:18

Tgt Ion:212 Resp: 13067
 Ion Ratio Lower Upper
 212 100
 106 16.7 12.6 19.0
 104 8.6 7.2 10.8

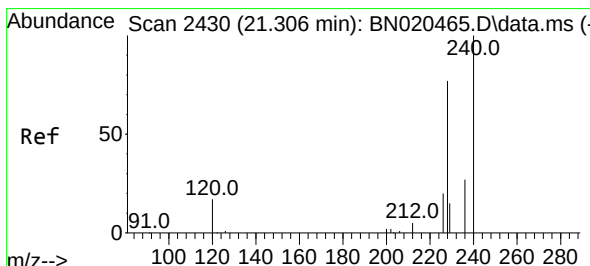
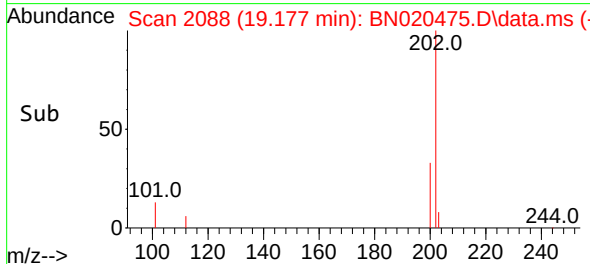
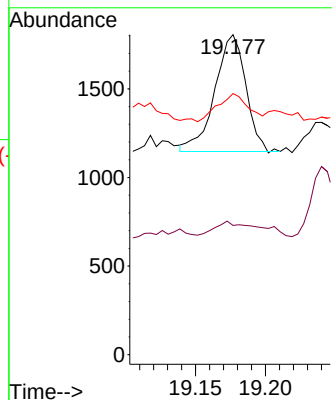
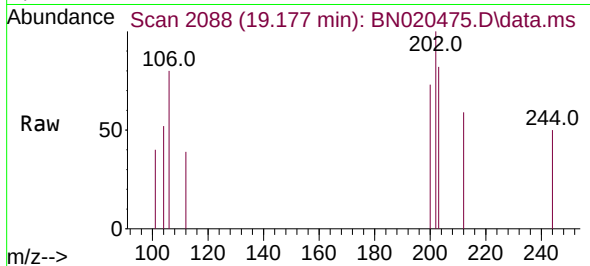




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.177 min Scan# 2088
Delta R.T. -0.004 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

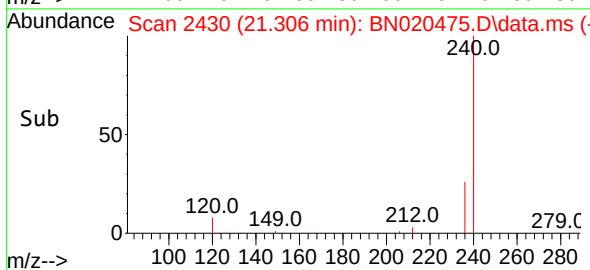
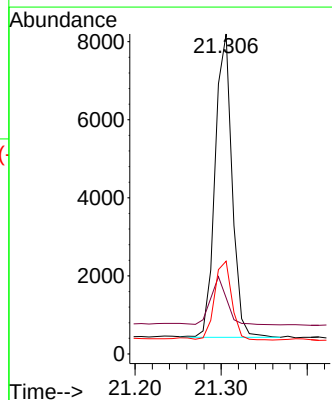
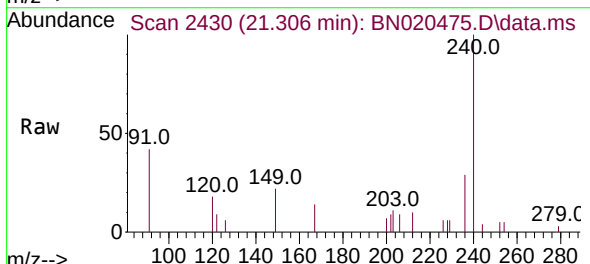
Instrument :
BNA_N
ClientSampleId :
MW-48

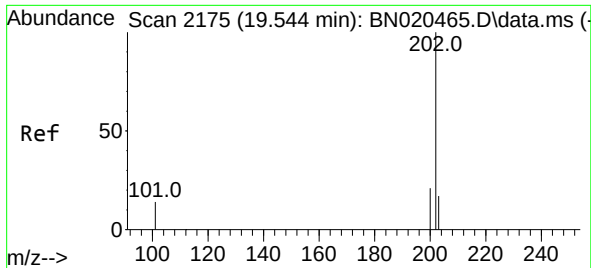
Tgt Ion:202 Resp: 1014
Ion Ratio Lower Upper
202 100
101 18.5 9.6 14.4#
203 23.5 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

Tgt Ion:240 Resp: 10614
Ion Ratio Lower Upper
240 100
120 17.6 14.6 21.8
236 29.0 22.6 33.8





#30

Pyrene

Concen: 0.037 ng

RT: 19.615 min Scan# 2175

Delta R.T. 0.072 min

Lab File: BN020475.D

Acq: 26 Jun 2022 21:18

Instrument :

BNA_N

ClientSampleId :

MW-48

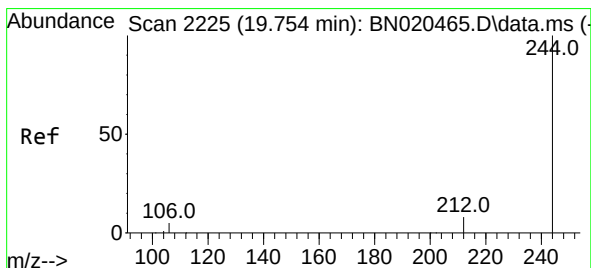
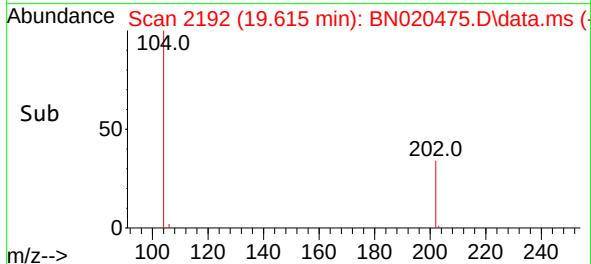
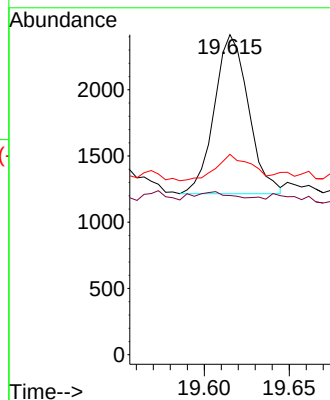
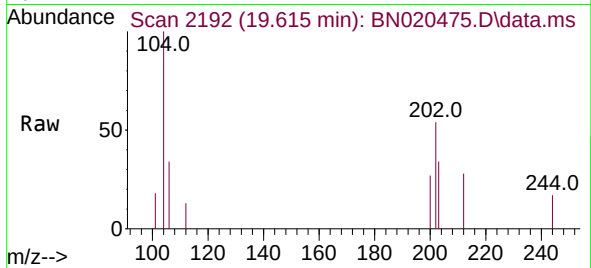
Tgt Ion:202 Resp: 1675

Ion Ratio Lower Upper

202 100

200 17.4 16.6 25.0

203 17.3 14.2 21.2



#31

Terphenyl-d14

Concen: 0.407 ng

RT: 19.746 min Scan# 2223

Delta R.T. -0.009 min

Lab File: BN020475.D

Acq: 26 Jun 2022 21:18

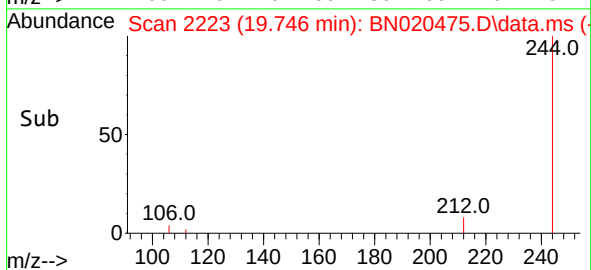
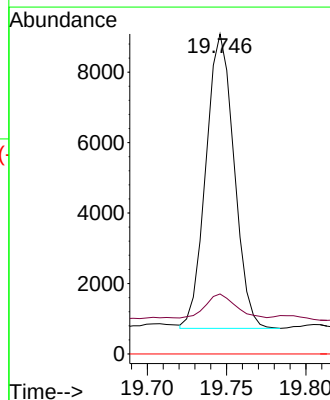
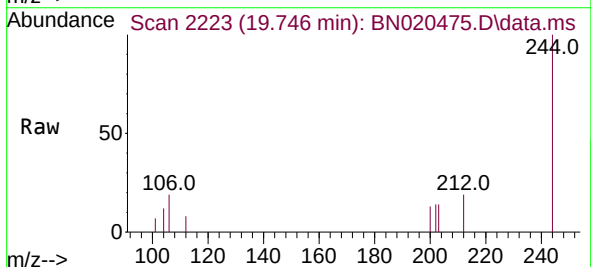
Tgt Ion:244 Resp: 10316

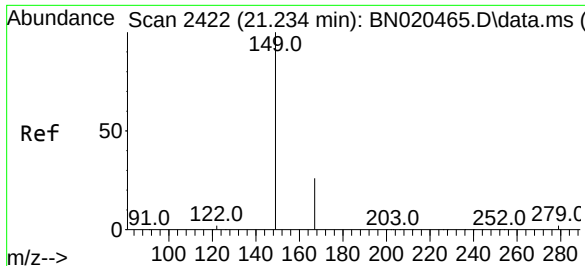
Ion Ratio Lower Upper

244 100

212 18.7 7.1 10.7#

122 0.0 0.0 0.0

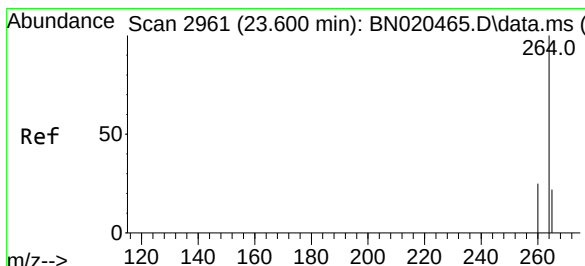
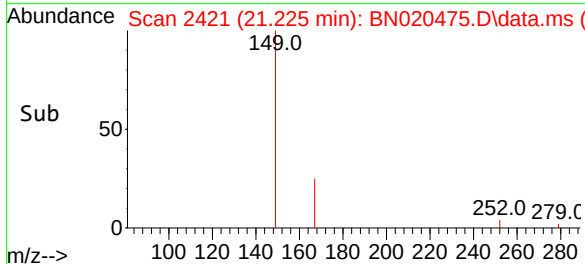
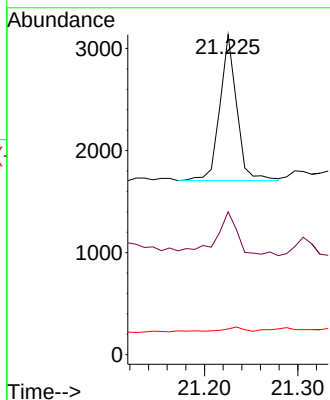
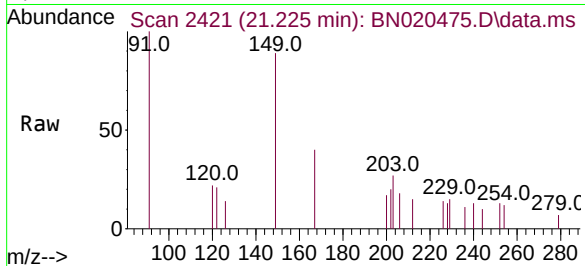




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.225 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN020475.D
Acq: 26 Jun 2022 21:18

Instrument :
BNA_N
ClientSampleId :
MW-48

Tgt Ion:149 Resp: 1789
Ion Ratio Lower Upper
149 100
167 34.8 21.7 32.5#
279 2.9 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: BN020475.D
Acq: 26 Jun 2022 21:18

Tgt Ion:264 Resp: 9494
Ion Ratio Lower Upper
264 100
260 27.0 20.9 31.3
265 41.3 28.0 42.0

