

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071522\
 Data File : BN020750.D
 Acq On : 15 Jul 2022 17:10
 Operator : CG/JU
 Sample : N3735-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-01-79-91-071322

Quant Time: Jul 16 03:23:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 16 03:21:59 2022
 Response via : Initial Calibration

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

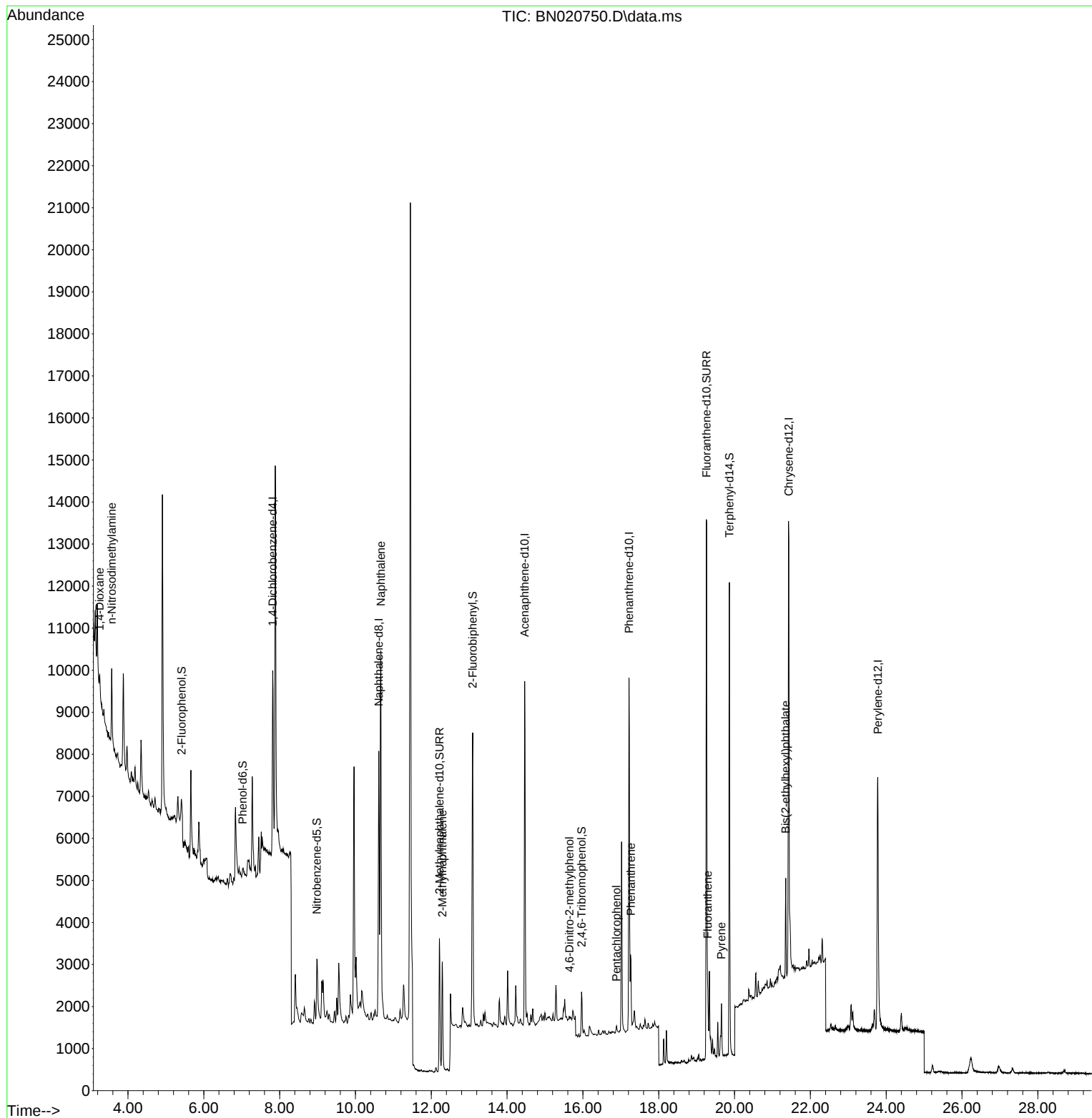
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	2577	0.400	ng	0.00
7) Naphthalene-d8	10.615	136	9031	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	5139	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	12778	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	11771	0.400	ng	# 0.00
35) Perylene-d12	23.779	264	9972	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	663	0.093	ng	0.01
5) Phenol-d6	7.024	99	439	0.051	ng	0.01
8) Nitrobenzene-d5	8.982	82	1648	0.225	ng	0.01
11) 2-Methylnaphthalene-d10	12.215	152	4833	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	639	0.330	ng	-0.01
15) 2-Fluorobiphenyl	13.095	172	5973	0.282	ng	0.00
27) Fluoranthene-d10	19.261	212	14859	0.391	ng	0.00
31) Terphenyl-d14	19.864	244	12440	0.442	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	303	0.090	ng	# 78
3) n-Nitrosodimethylamine	3.571	42	192	0.062	ng	# 1
9) Naphthalene	10.669	128	13038	0.483	ng	99
12) 2-Methylnaphthalene	12.291	142	2151	0.120	ng	98
20) 4,6-Dinitro-2-methylph...	15.650	198	24	0.235	ng	# 1
24) Pentachlorophenol	16.887	266	117	0.228	ng	98
25) Phenanthrene	17.266	178	2018	0.047	ng	100
28) Fluoranthene	19.291	202	1204	0.026	ng	# 64
30) Pyrene	19.653	202	1158	0.023	ng	97
34) Bis(2-ethylhexyl)phtha...	21.351	149	2208	0.093	ng	# 98

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

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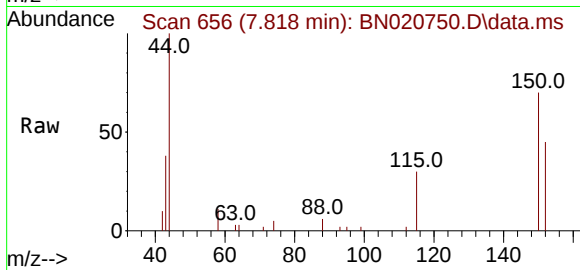
Quant Time: Jul 16 03:23:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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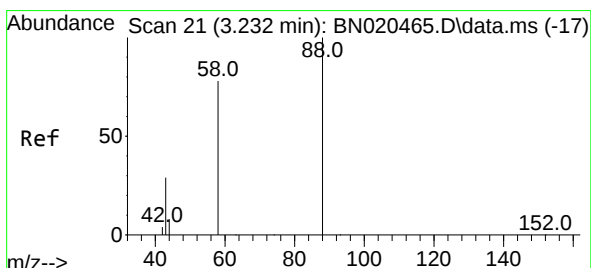
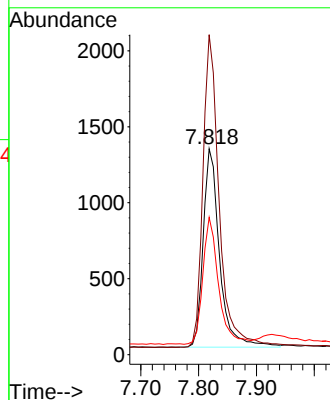
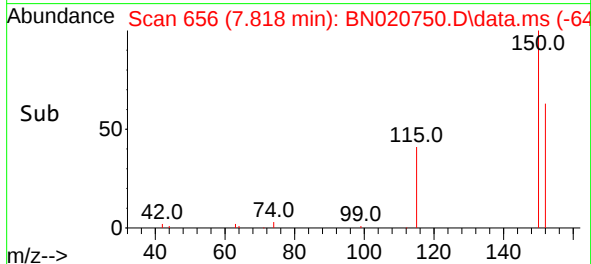


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN020750.D
 Acq: 15 Jul 2022 17:10

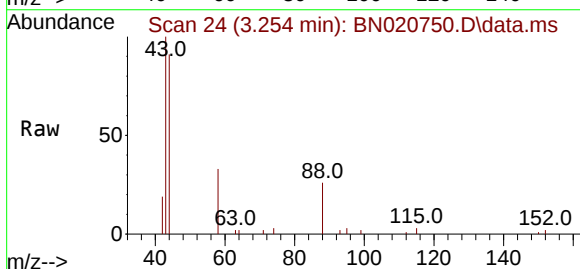
Instrument :
 BNA_N
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 GWOW-BR-01-79-91-071322



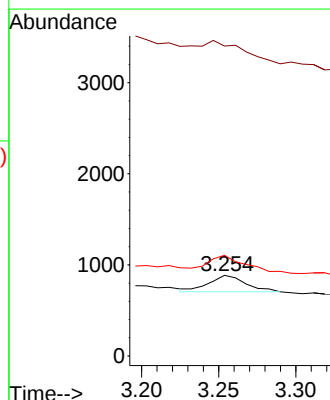
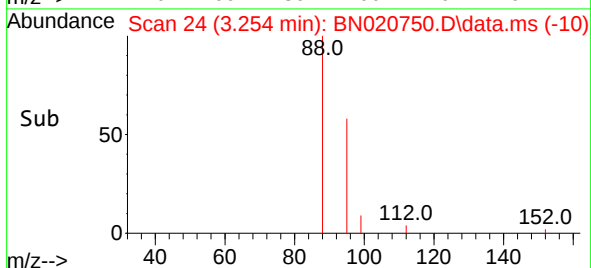
Tgt Ion:152 Resp: 2577
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.9 191.9
 115 66.7 51.4 77.2

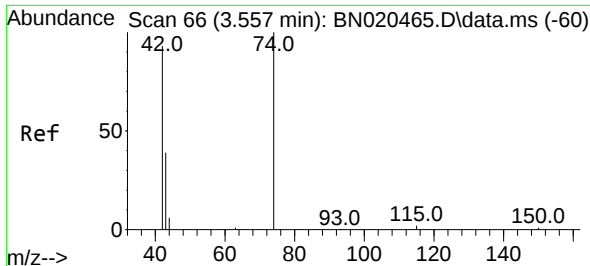


#2
 1,4-Dioxane
 Concen: 0.090 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN020750.D
 Acq: 15 Jul 2022 17:10



Tgt Ion: 88 Resp: 303
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.2 45.2#
 58 86.8 73.0 109.6

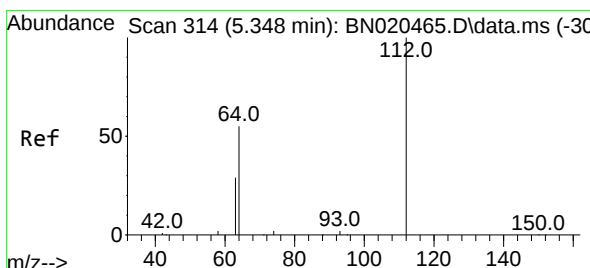
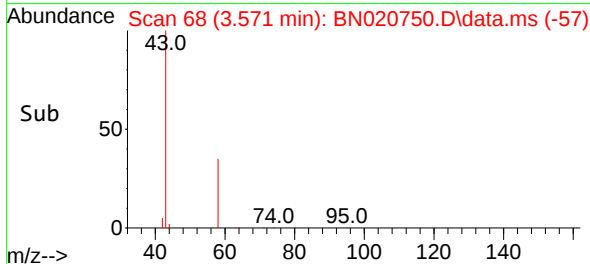
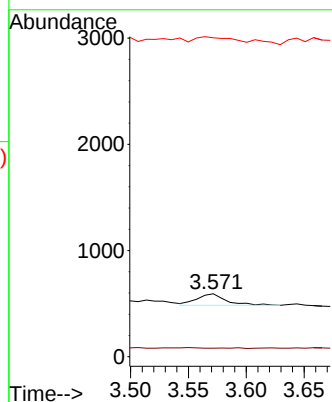
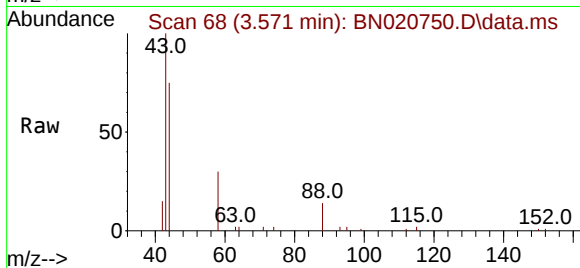




#3
 n-Nitrosodimethylamine
 Concen: 0.062 ng
 RT: 3.571 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: BN020750.D
 Acq: 15 Jul 2022 17:10

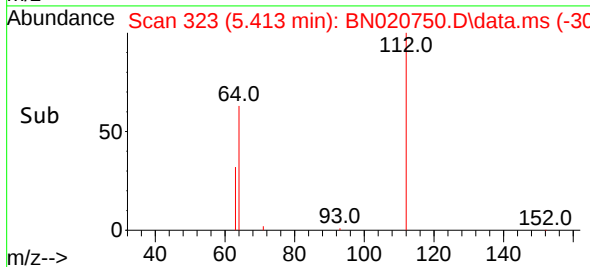
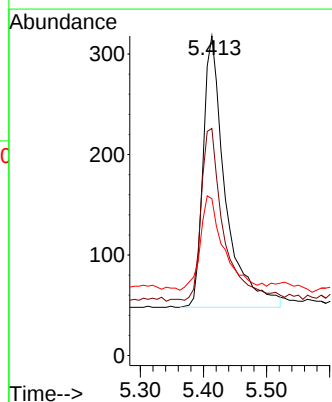
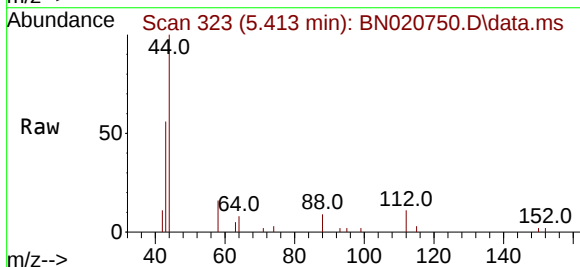
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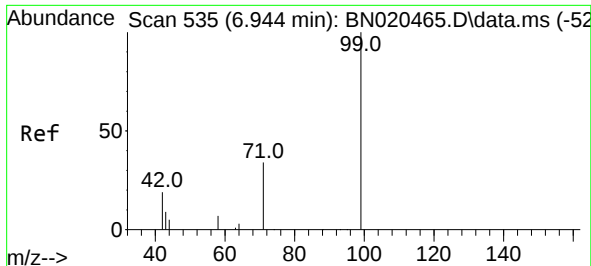
Tgt Ion: 42 Resp: 192
 Ion Ratio Lower Upper
 42 100
 74 0.5 84.0 126.0#
 44 51.6 9.8 14.8#



#4
 2-Fluorophenol
 Concen: 0.093 ng
 RT: 5.413 min Scan# 323
 Delta R.T. 0.014 min
 Lab File: BN020750.D
 Acq: 15 Jul 2022 17:10

Tgt Ion: 112 Resp: 663
 Ion Ratio Lower Upper
 112 100
 64 62.4 49.1 73.7
 63 36.3 26.3 39.5

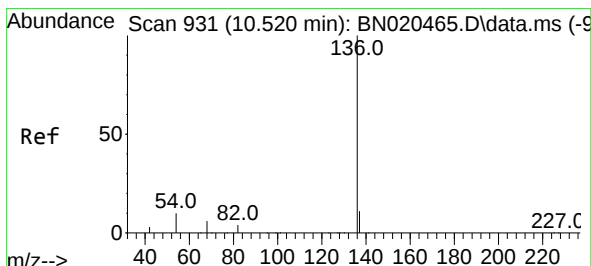
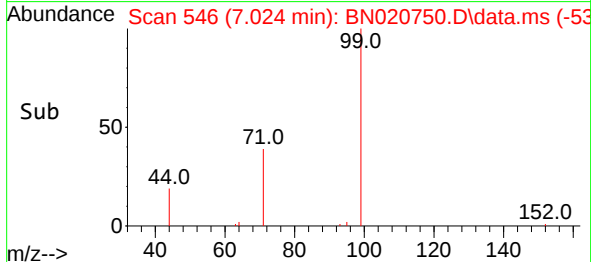
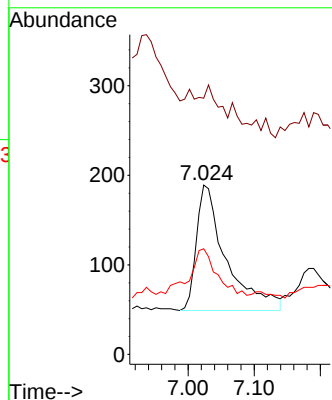
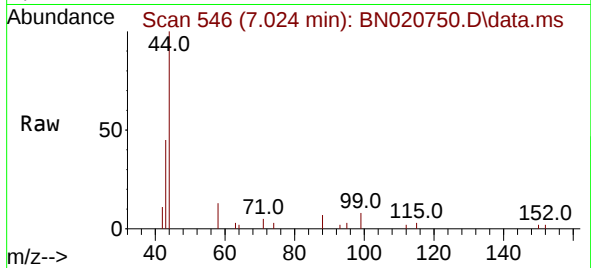




#5
Phenol-d6
Concen: 0.051 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.014 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

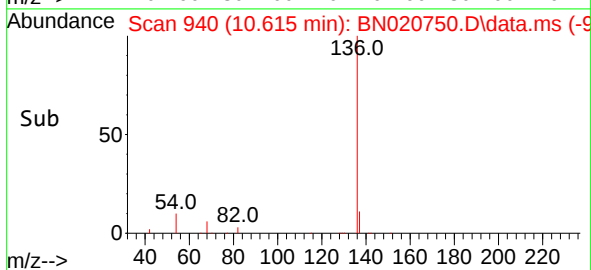
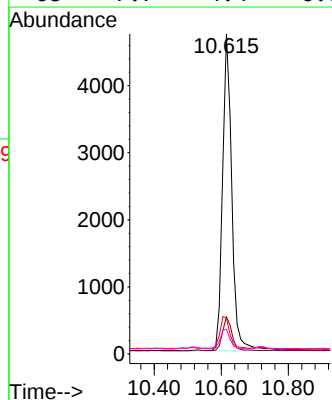
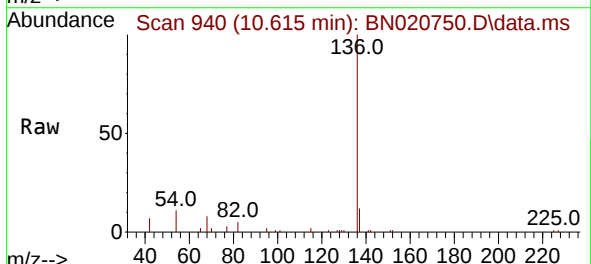
Instrument :
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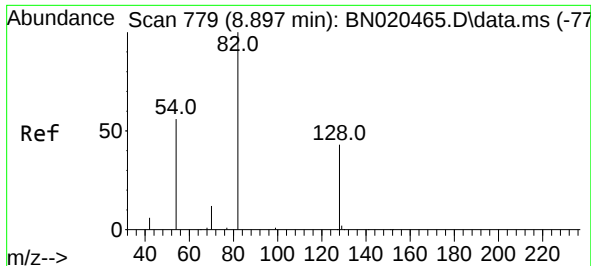
Tgt Ion: 99 Resp: 439
Ion Ratio Lower Upper
99 100
42 0.0 19.3 28.9#
71 33.5 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

Tgt Ion: 136 Resp: 9031
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 11.3 6.2 9.2#
68 7.7 4.4 6.6#

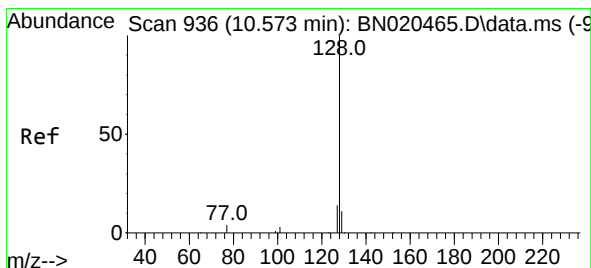
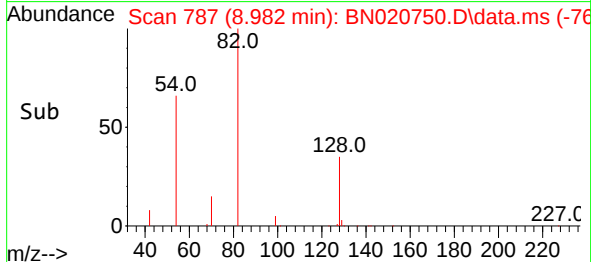
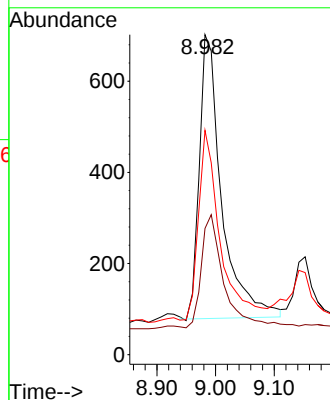
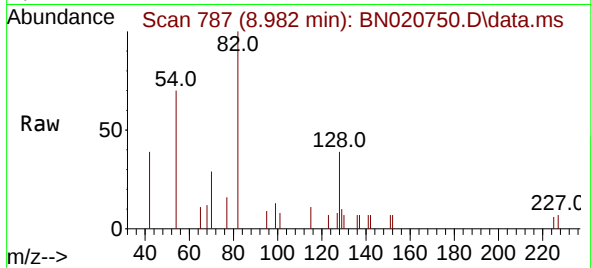




#8
Nitrobenzene-d5
Concen: 0.225 ng
RT: 8.982 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

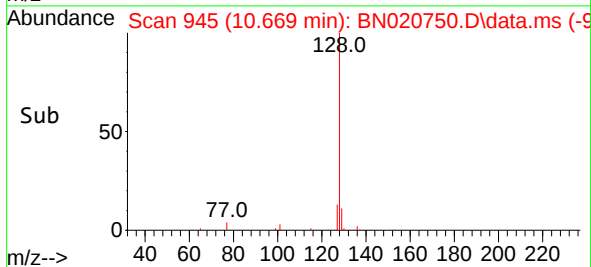
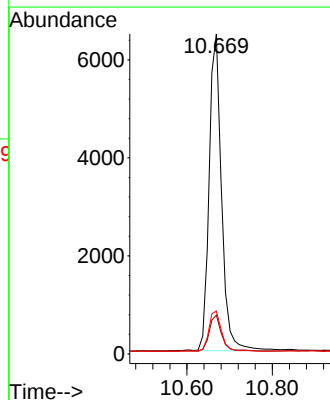
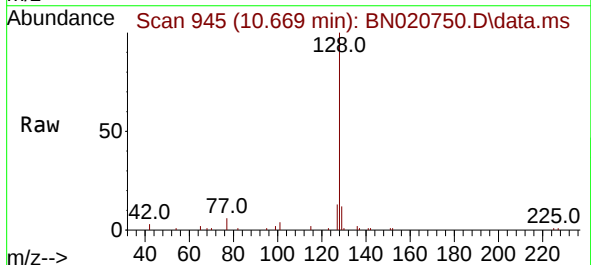
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-79-91-071322

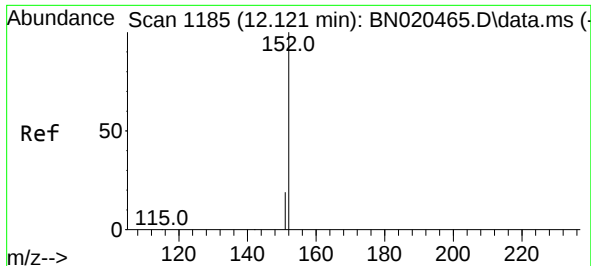
Tgt Ion: 82 Resp: 1648
Ion Ratio Lower Upper
82 100
128 39.5 35.0 52.6
54 70.1 46.2 69.4#



#9
Naphthalene
Concen: 0.483 ng
RT: 10.669 min Scan# 945
Delta R.T. 0.011 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

Tgt Ion: 128 Resp: 13038
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 13.4 10.8 16.2

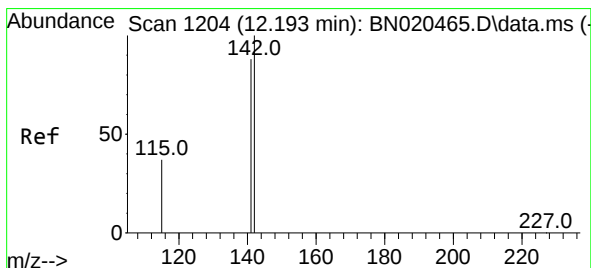
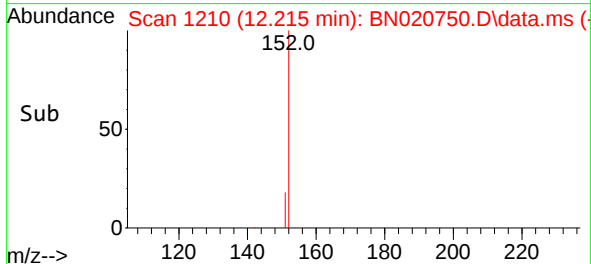
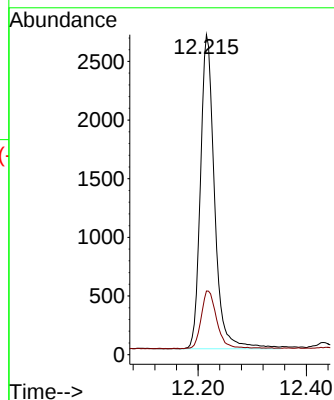
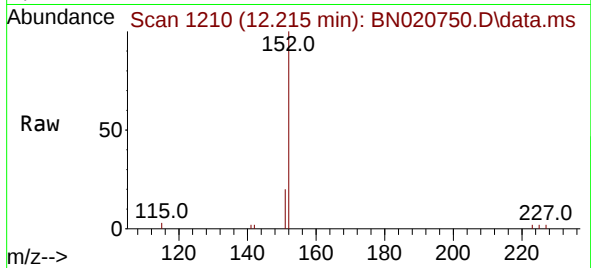




#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.215 min Scan# 1185
Delta R.T. 0.004 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

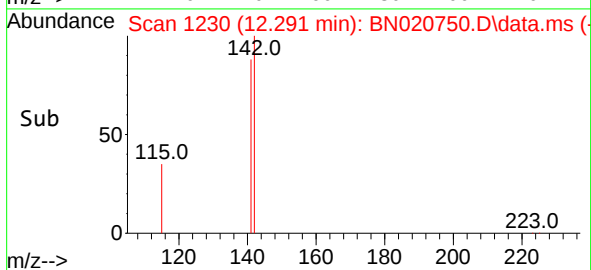
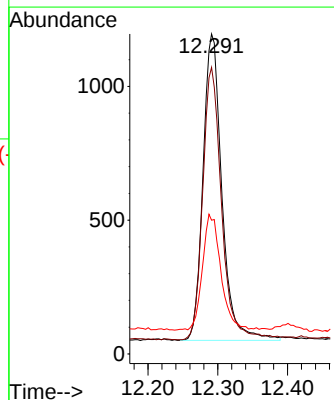
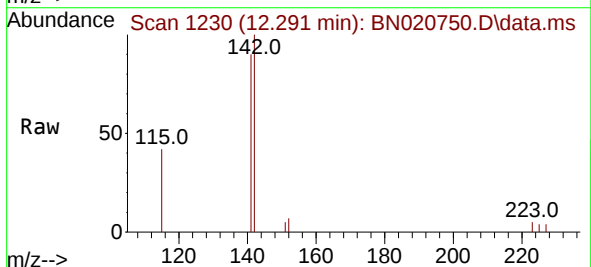
Instrument :
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ClientSampleId :
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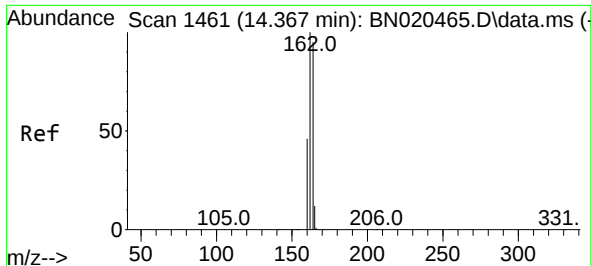
Tgt Ion:152 Resp: 4833
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.120 ng
RT: 12.291 min Scan# 1230
Delta R.T. 0.004 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

Tgt Ion:142 Resp: 2151
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4
115 41.8 29.8 44.8

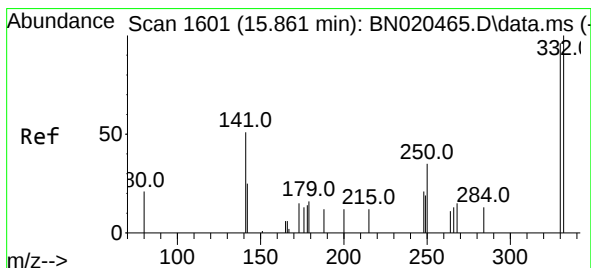
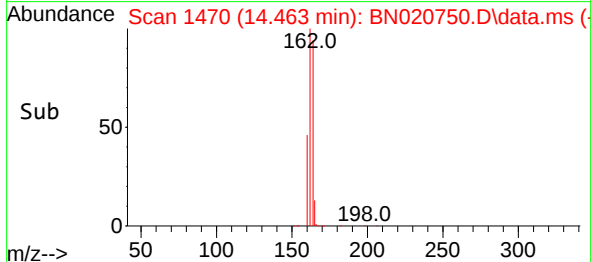
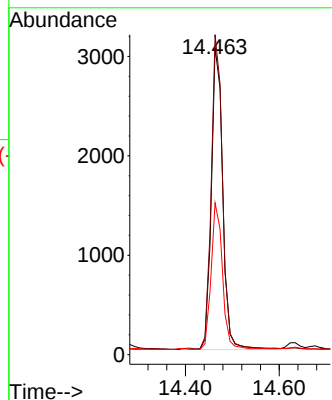
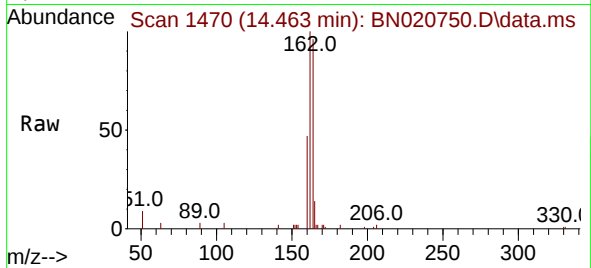




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

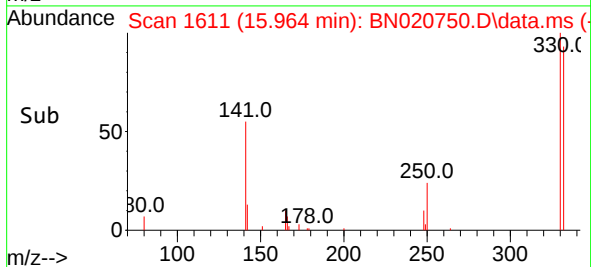
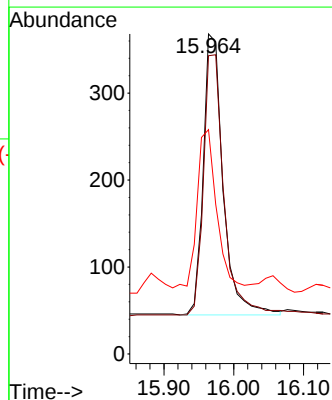
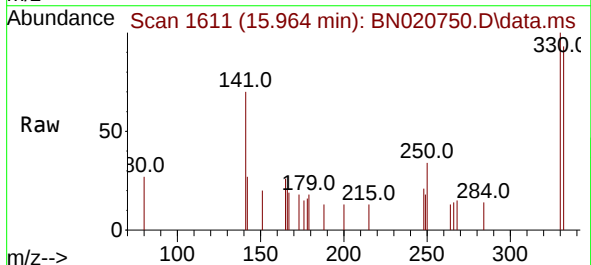
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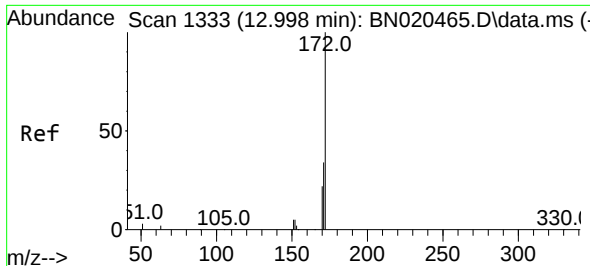
Tgt Ion:164 Resp: 5139
Ion Ratio Lower Upper
164 100
162 104.1 82.1 123.1
160 49.4 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.010 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

Tgt Ion:330 Resp: 639
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 56.0 41.0 61.4

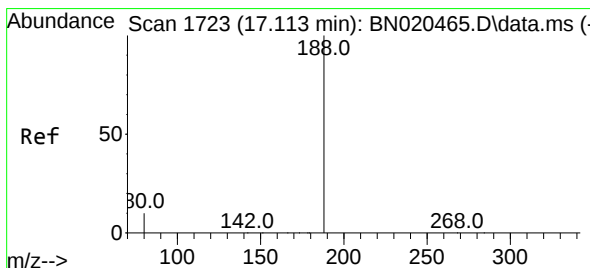
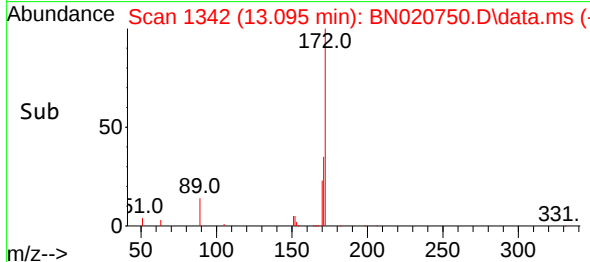
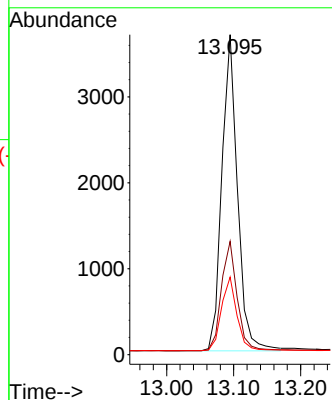
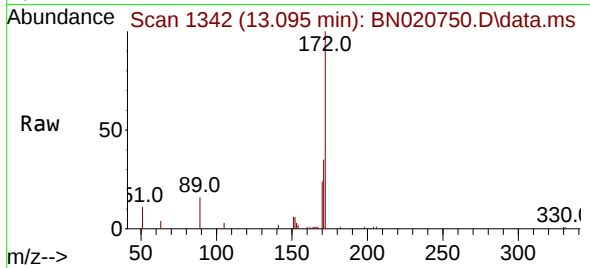




#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 13.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

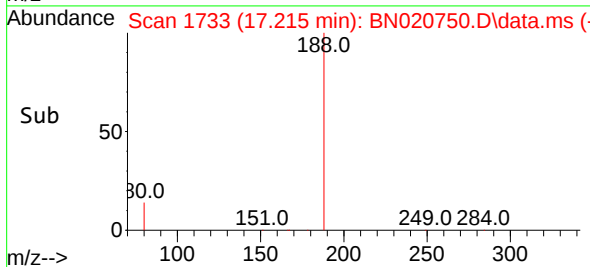
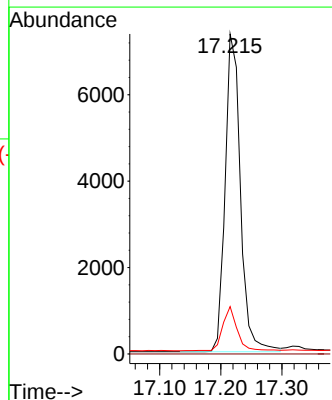
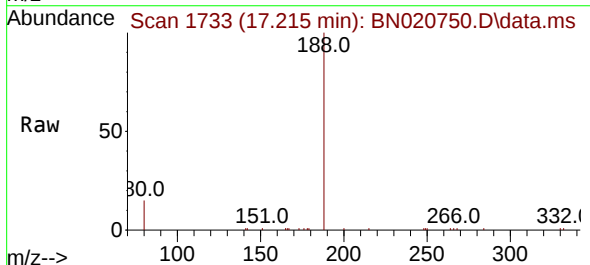
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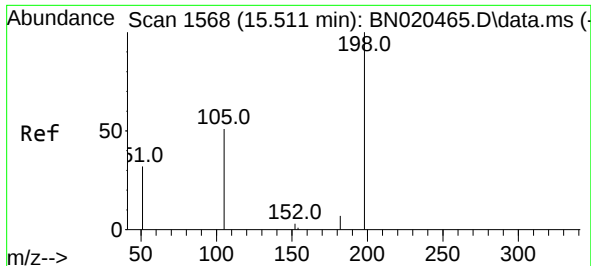
Tgt Ion:	172	Resp:	5973
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.2	40.8
170	24.2	18.2	27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

Tgt Ion:	188	Resp:	12778
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.8	7.4	11.2





#20

4,6-Dinitro-2-methylphenol

Concen: 0.235 ng

RT: 15.650 min Scan# 11

Delta R.T. 0.021 min

Lab File: BN020750.D

Acq: 15 Jul 2022 17:10

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-01-79-91-071322

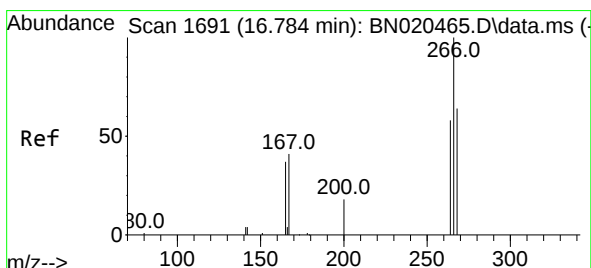
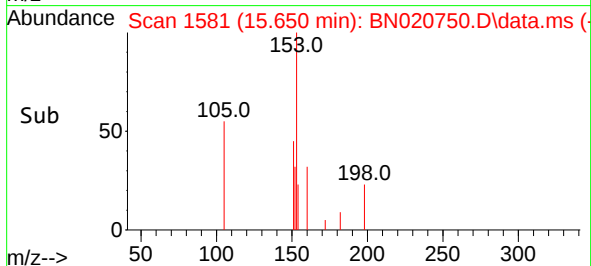
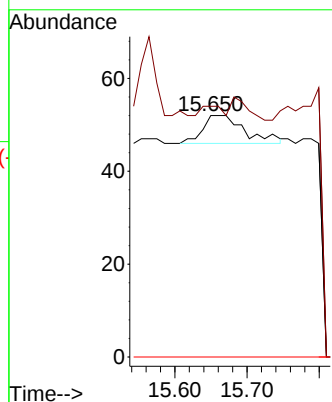
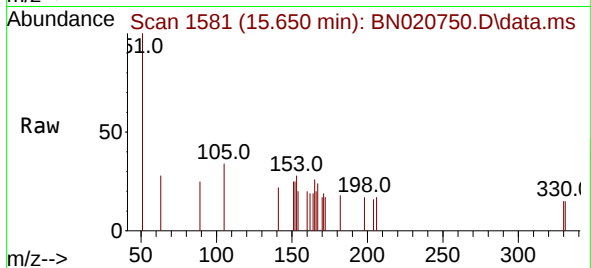
Tgt Ion:198 Resp: 24

Ion Ratio Lower Upper

198 100

182 103.8 12.1 18.1#

77 0.0 0.0 0.0



#24

Pentachlorophenol

Concen: 0.228 ng

RT: 16.887 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BN020750.D

Acq: 15 Jul 2022 17:10

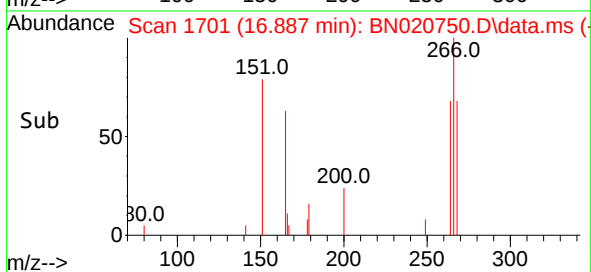
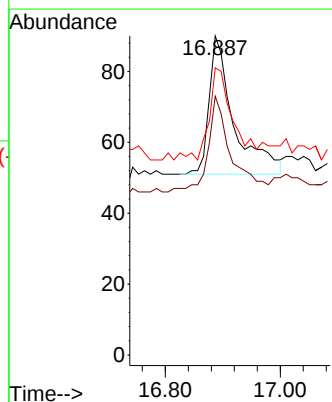
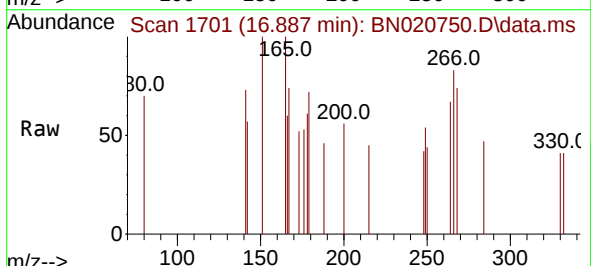
Tgt Ion:266 Resp: 117

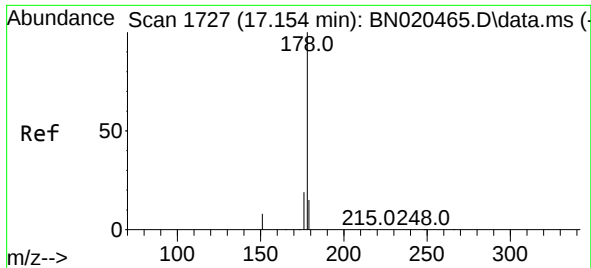
Ion Ratio Lower Upper

266 100

264 64.1 51.3 76.9

268 63.2 52.6 79.0

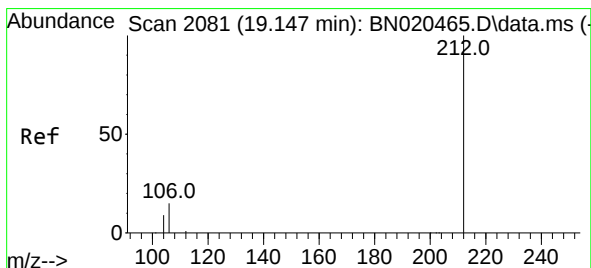
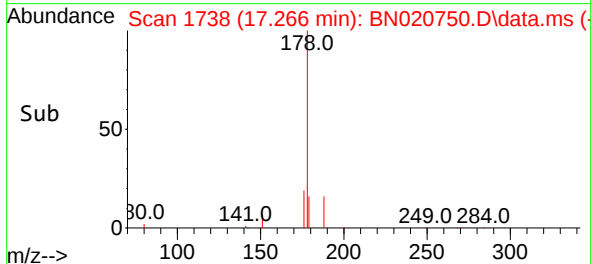
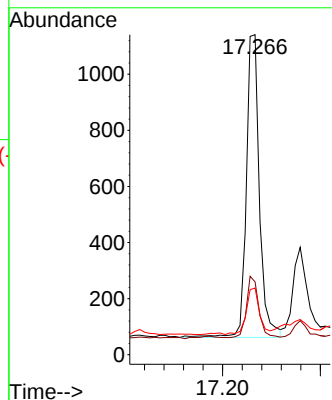
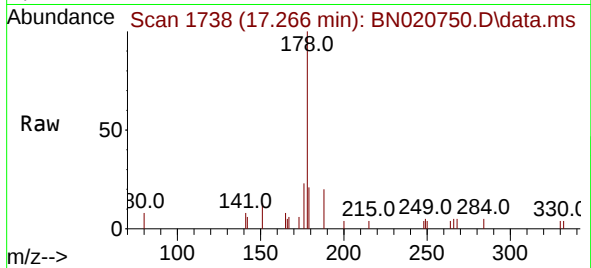




#25
Phenanthrene
Concen: 0.047 ng
RT: 17.266 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

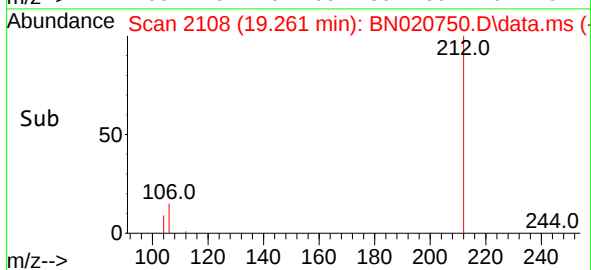
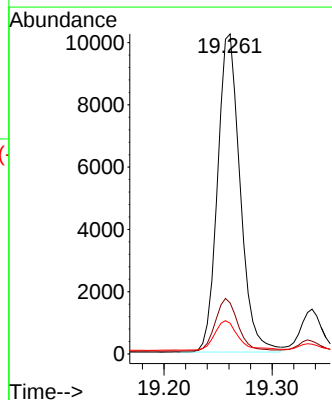
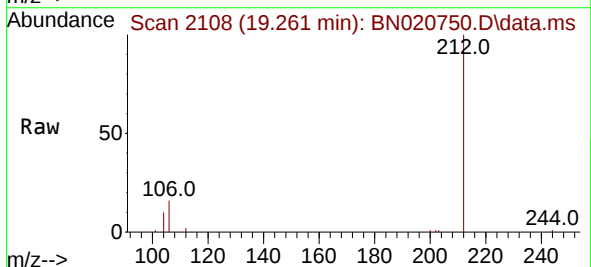
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-79-91-071322

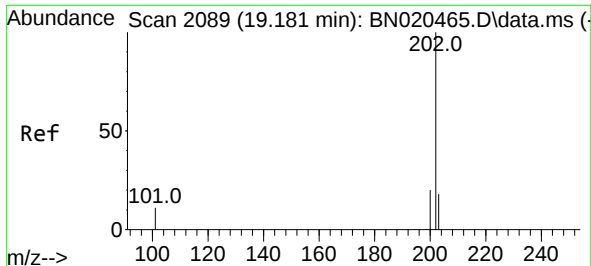
Tgt Ion:178 Resp: 2018
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

Tgt Ion:212 Resp: 14859
Ion Ratio Lower Upper
212 100
106 16.6 12.6 19.0
104 9.6 7.2 10.8

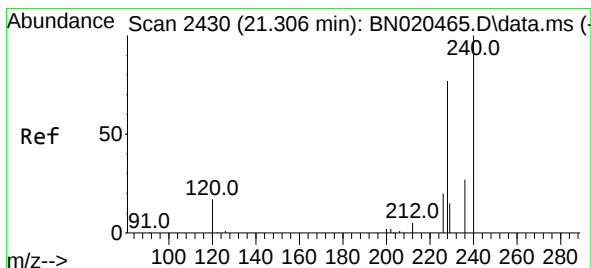
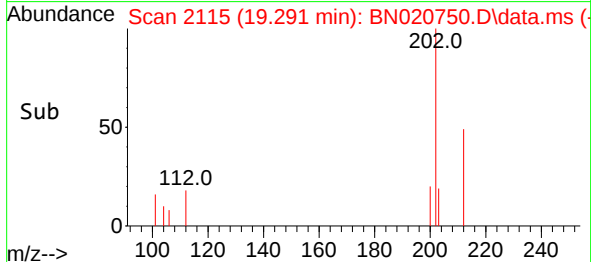
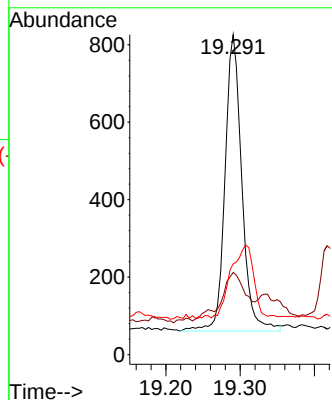
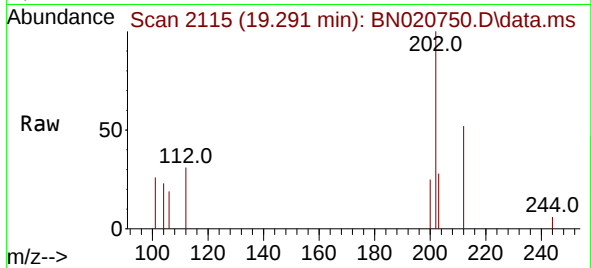




#28
Fluoranthene
Concen: 0.026 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

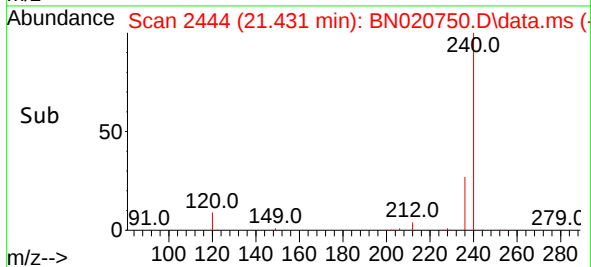
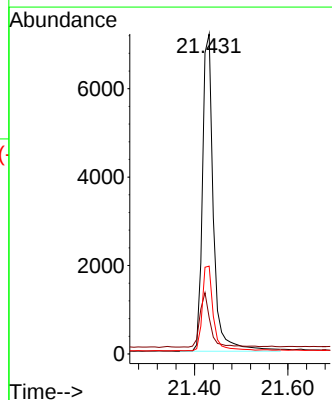
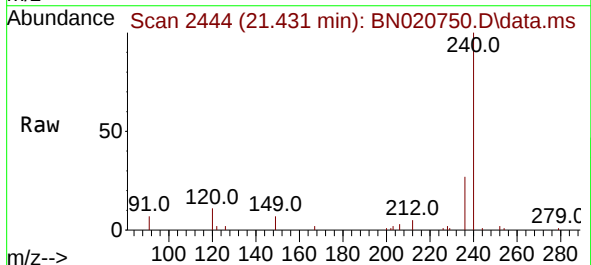
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-79-91-071322

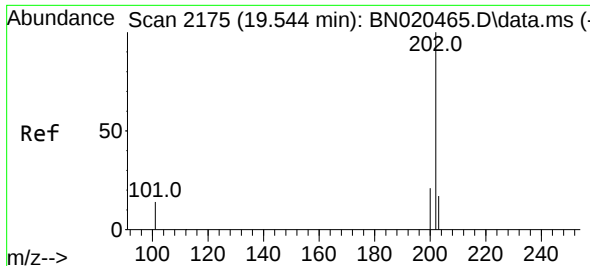
Tgt Ion:202 Resp: 1204
Ion Ratio Lower Upper
202 100
101 24.3 9.6 14.4#
203 33.6 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

Tgt Ion:240 Resp: 11771
Ion Ratio Lower Upper
240 100
120 11.4 14.6 21.8#
236 27.4 22.6 33.8

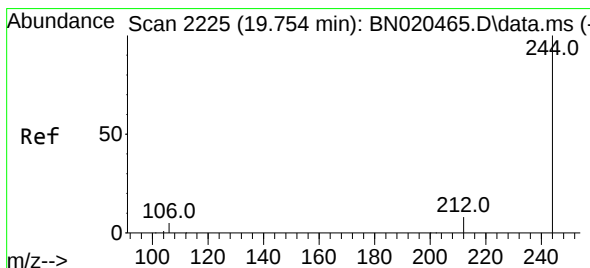
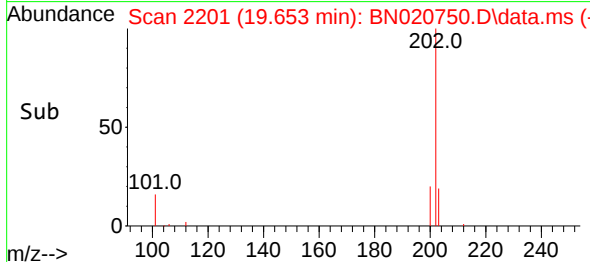
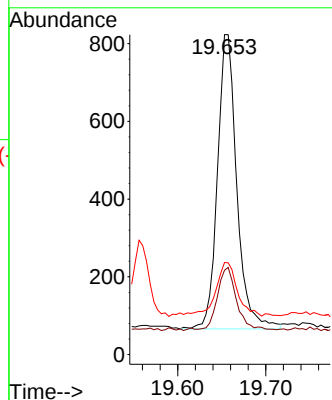
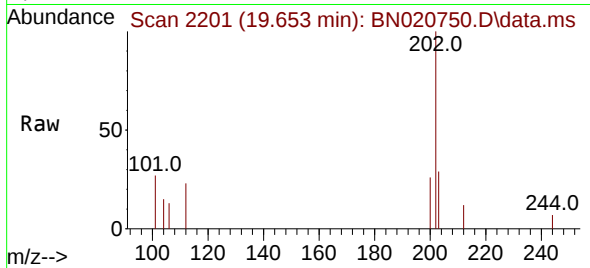




#30
Pyrene
Concen: 0.023 ng
RT: 19.653 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

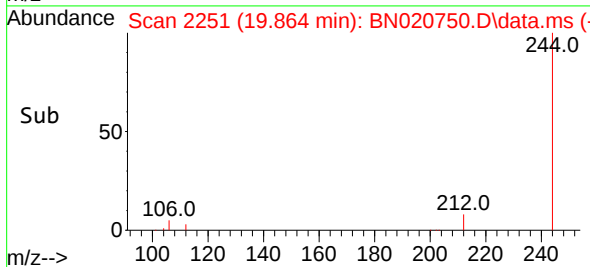
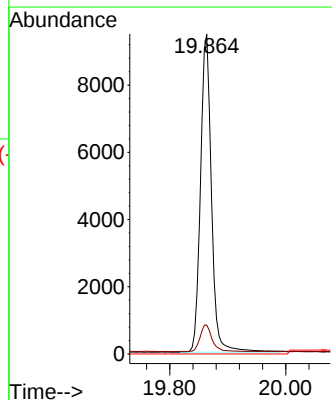
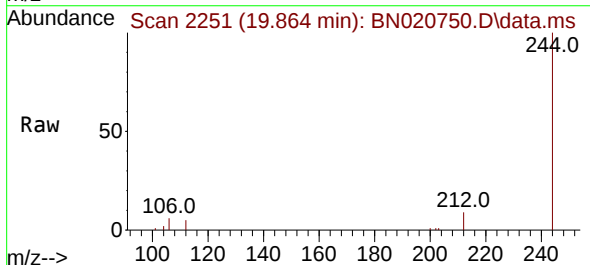
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-79-91-071322

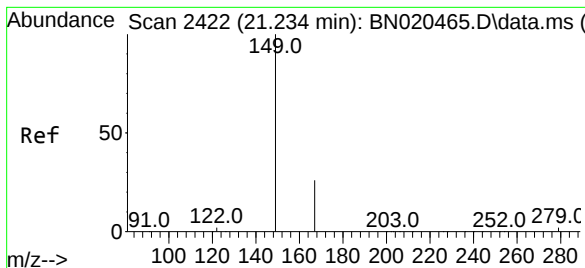
Tgt Ion:	202	Resp:	1158
Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	20.1	14.2	21.2



#31
Terphenyl-d14
Concen: 0.442 ng
RT: 19.864 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN020750.D
Acq: 15 Jul 2022 17:10

Tgt Ion:	244	Resp:	12440
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.1	10.7
122	0.0	0.0	0.0

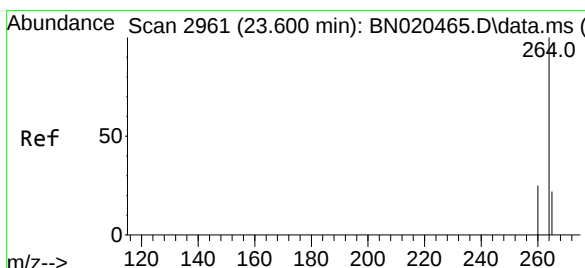
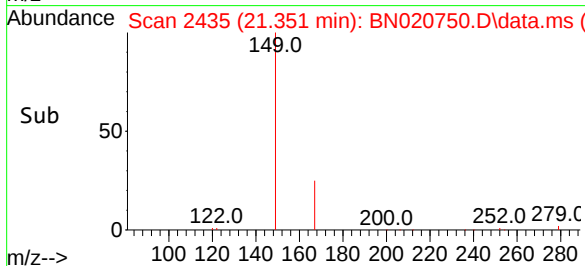
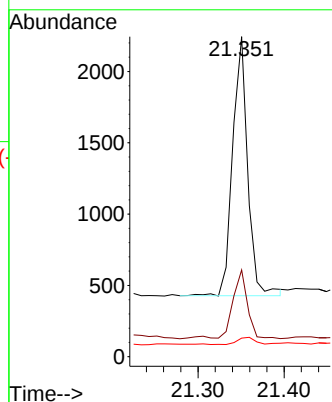
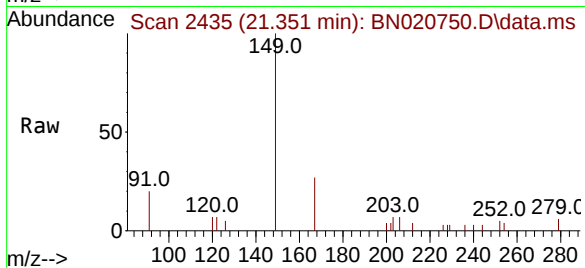




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.351 min Scan# 2422
 Delta R.T. -0.000 min
 Lab File: BN020750.D
 Acq: 15 Jul 2022 17:10

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-01-79-91-071322

Tgt Ion:149 Resp: 2208
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.7 32.5
 279 3.3 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.779 min Scan# 3022
 Delta R.T. -0.000 min
 Lab File: BN020750.D
 Acq: 15 Jul 2022 17:10

Tgt Ion:264 Resp: 9972
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.9 31.3
 265 34.5 28.0 42.0

