

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021255.D
 Acq On : 16 Aug 2022 13:36
 Operator : CG/JU
 Sample : N4197-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-203-IDWSO-20220811-1

Quant Time: Aug 16 14:16:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

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

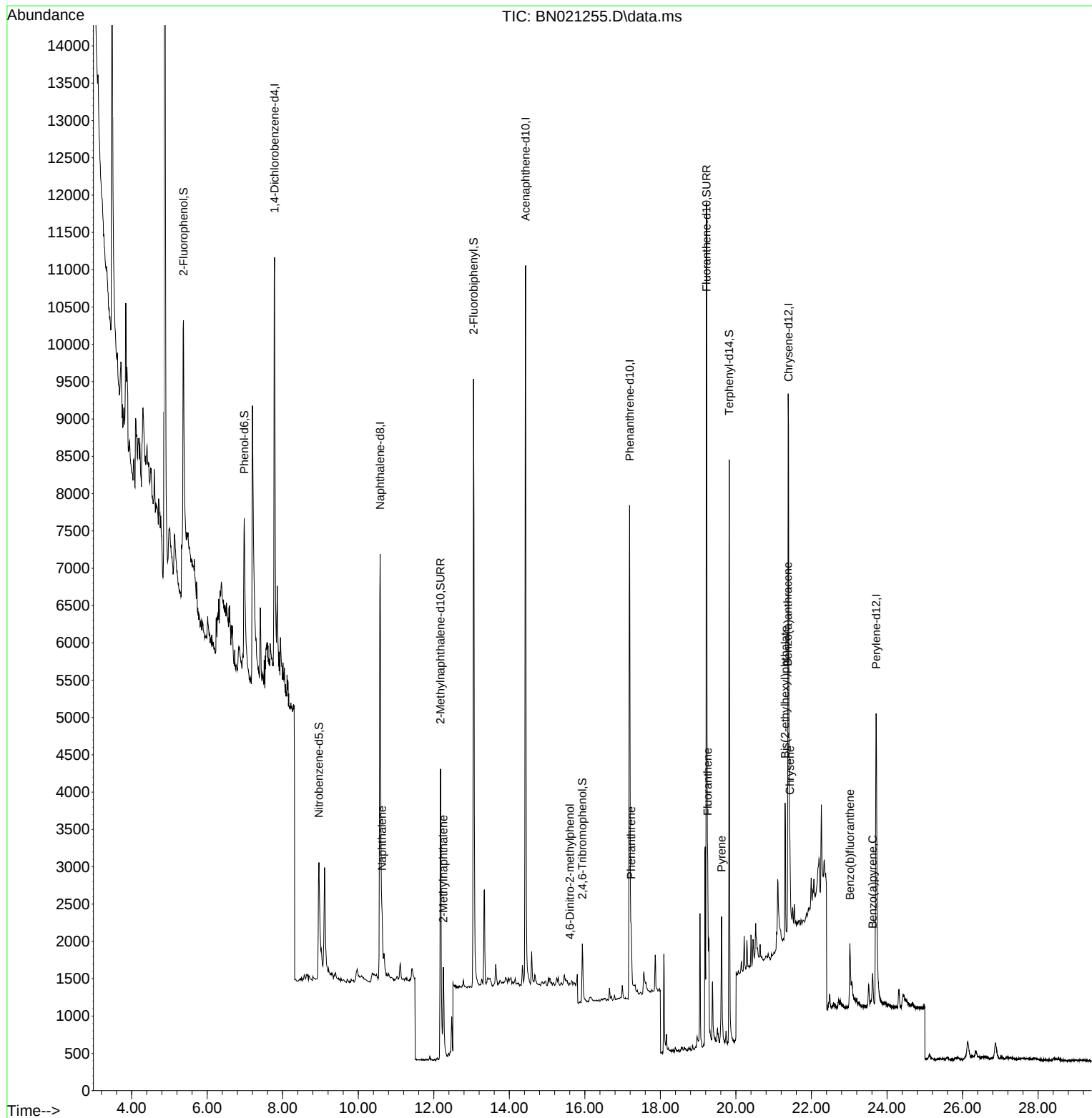
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	3413	0.400	ng	0.00
7) Naphthalene-d8	10.581	136	10272	0.400	ng	0.00
13) Acenaphthene-d10	14.432	164	6109	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	11183	0.400	ng	# 0.00
29) Chrysene-d12	21.393	240	8389	0.400	ng	# 0.00
35) Perylene-d12	23.714	264	6650	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	3518	0.413	ng	0.00
5) Phenol-d6	6.982	99	3330	0.335	ng	0.00
8) Nitrobenzene-d5	8.958	82	2472	0.394	ng	0.00
11) 2-Methylnaphthalene-d10	12.179	152	6960	0.389	ng	0.00
14) 2,4,6-Tribromophenol	15.935	330	511	0.256	ng	0.00
15) 2-Fluorobiphenyl	13.053	172	8138	0.335	ng	0.00
27) Fluoranthene-d10	19.220	212	14187	0.467	ng	0.00
31) Terphenyl-d14	19.823	244	9259	0.405	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.635	128	947	0.030	ng	# 74
12) 2-Methylnaphthalene	12.255	142	1089	0.051	ng	96
20) 4,6-Dinitro-2-methylph...	15.608	198	3	0.255	ng	# 3
25) Phenanthrene	17.227	178	861	0.023	ng	99
28) Fluoranthene	19.254	202	1882	0.048	ng	# 96
30) Pyrene	19.621	202	1748	0.040	ng	96
32) Benzo(a)anthracene	21.375	228	579	0.021	ng	# 75
33) Chrysene	21.428	228	927	0.027	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.303	149	1804	0.097	ng	100
37) Benzo(b)fluoranthene	23.019	252	1034	0.037	ng	# 1
39) Benzo(a)pyrene	23.621	252	509	0.022	ng	# 1

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

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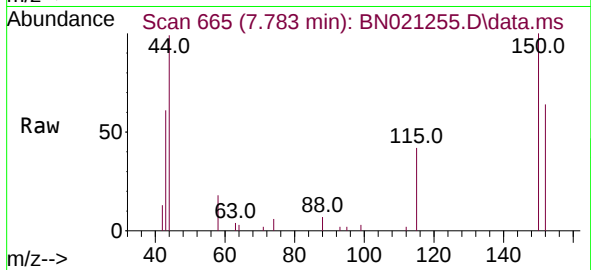
Quant Time: Aug 16 14:16:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
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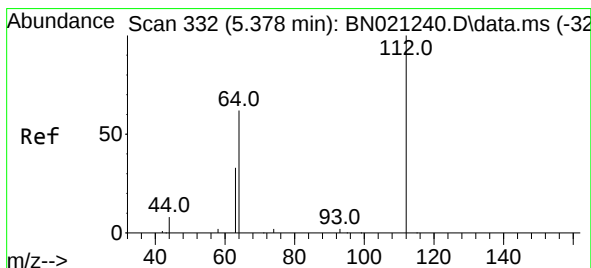
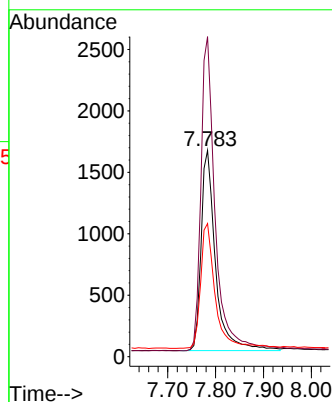
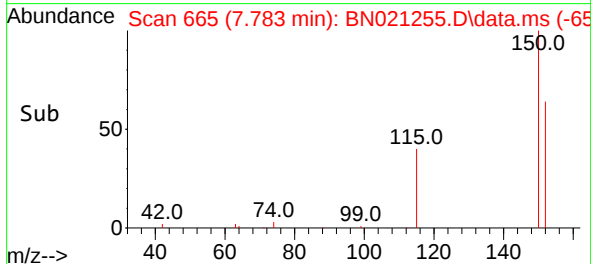


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.783 min Scan# 665
Delta R.T. 0.000 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-1

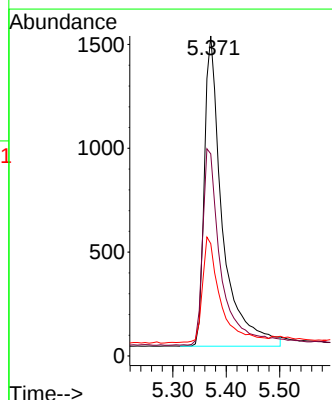
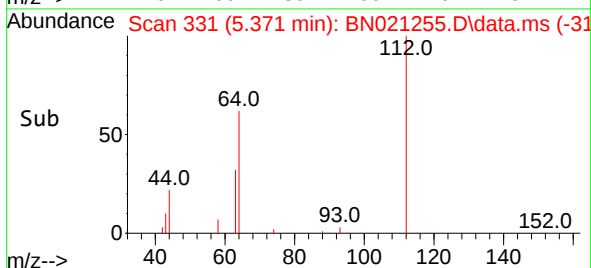
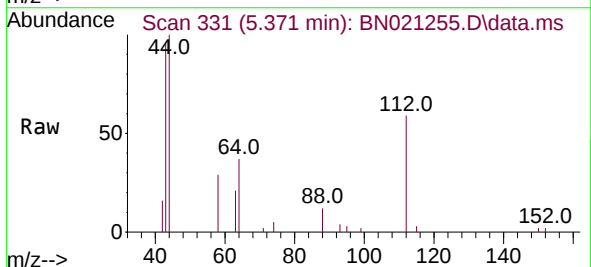


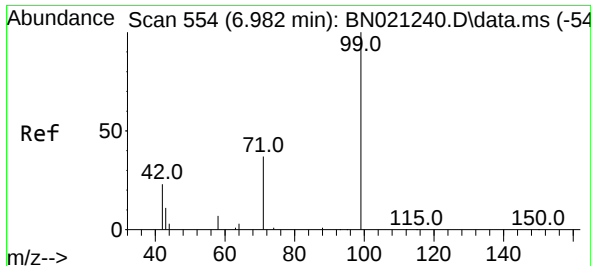
Tgt Ion:152 Resp: 3413
Ion Ratio Lower Upper
152 100
150 155.2 123.1 184.7
115 64.6 52.2 78.4



#4
2-Fluorophenol
Concen: 0.413 ng
RT: 5.371 min Scan# 331
Delta R.T. -0.007 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

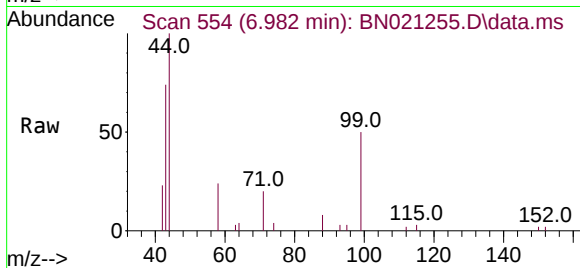
Tgt Ion:112 Resp: 3518
Ion Ratio Lower Upper
112 100
64 64.1 52.0 78.0
63 33.7 27.5 41.3



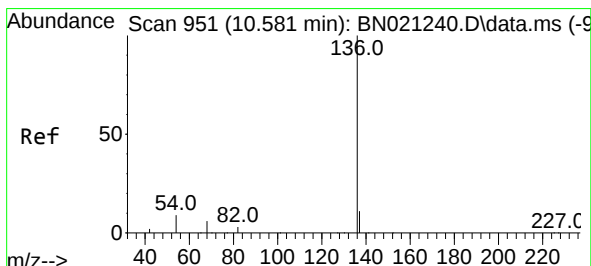
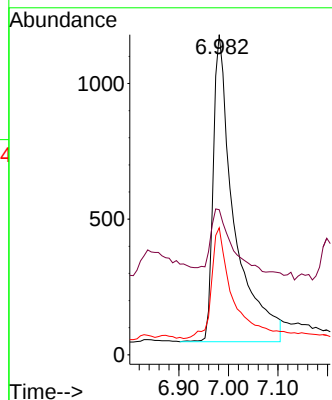
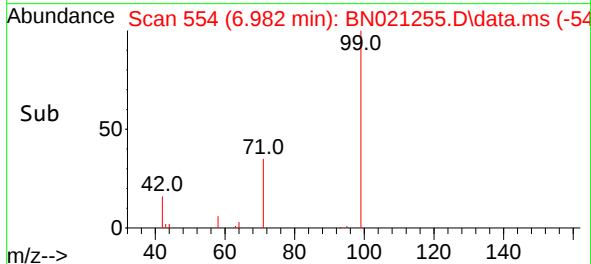


#5
Phenol-d6
Concen: 0.335 ng
RT: 6.982 min Scan# 554
Delta R.T. -0.000 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

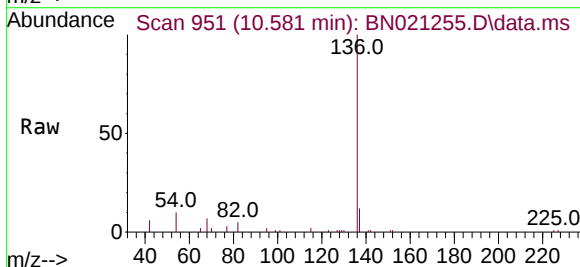
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-1



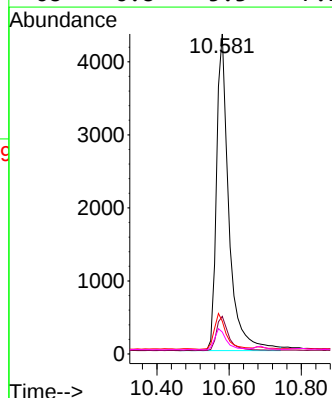
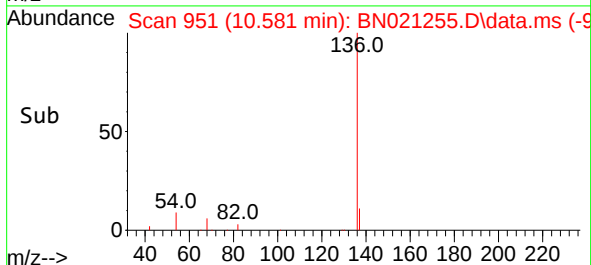
Tgt Ion: 99 Resp: 3330
Ion Ratio Lower Upper
99 100
42 20.7 19.1 28.7
71 36.2 28.9 43.3

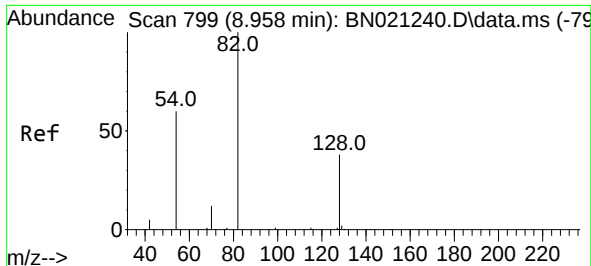


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.581 min Scan# 951
Delta R.T. -0.000 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36



Tgt Ion: 136 Resp: 10272
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 10.3 8.2 12.2
68 6.8 5.3 7.9

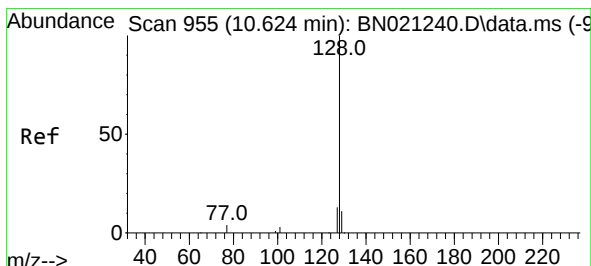
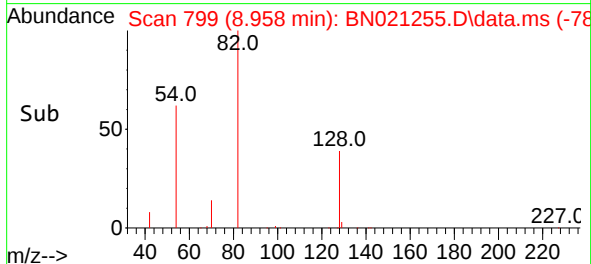
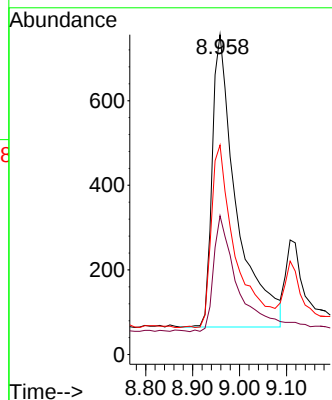
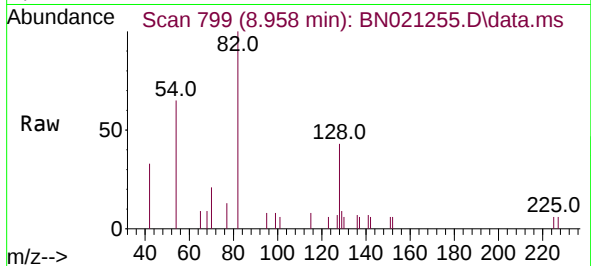




#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

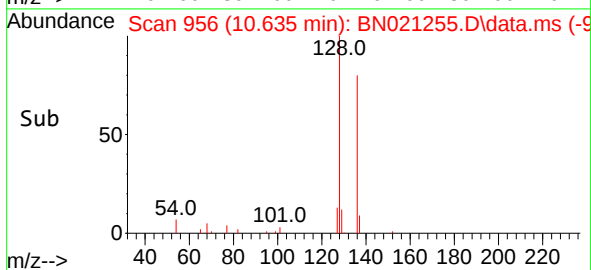
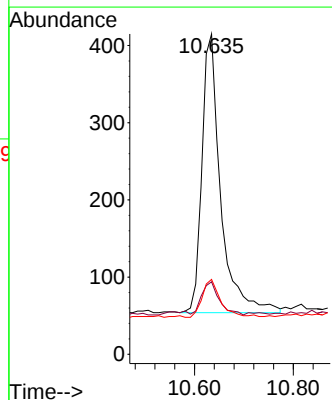
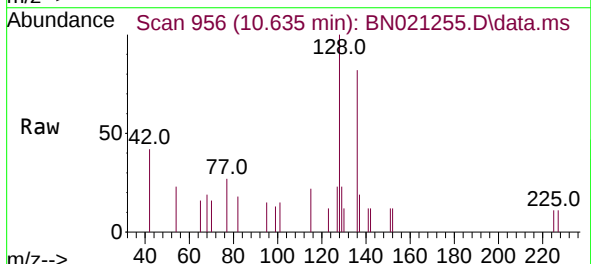
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-1

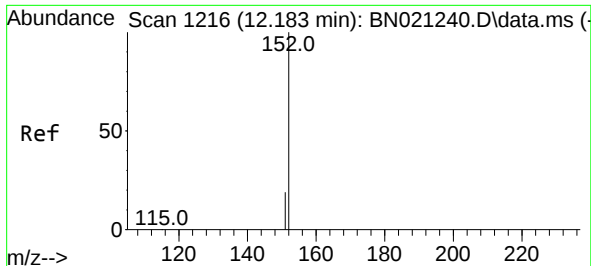
Tgt Ion:	82	Resp:	2472
Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.6	50.4
54	65.5	50.2	75.2



#9
Naphthalene
Concen: 0.030 ng
RT: 10.635 min Scan# 956
Delta R.T. 0.011 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

Tgt Ion:	128	Resp:	947
Ion	Ratio	Lower	Upper
128	100		
129	22.7	9.4	14.0#
127	23.4	11.0	16.6#

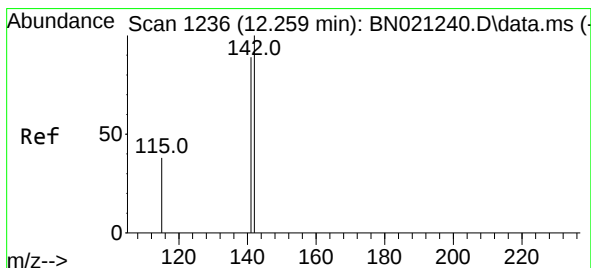
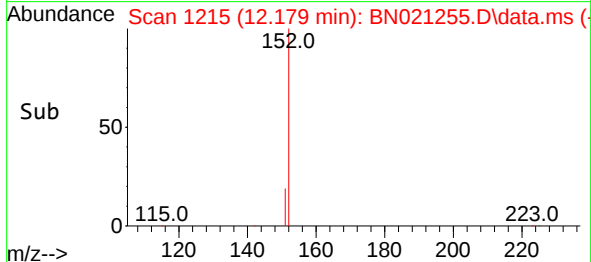
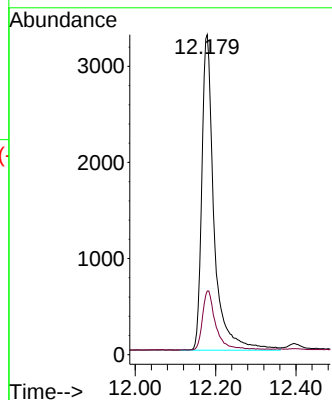
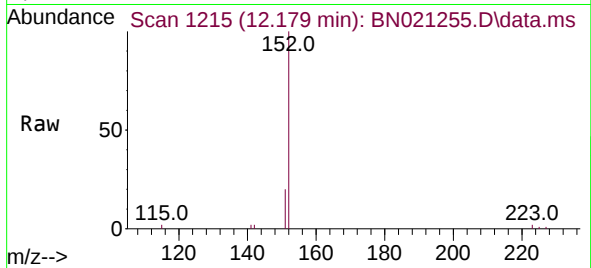




#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.179 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

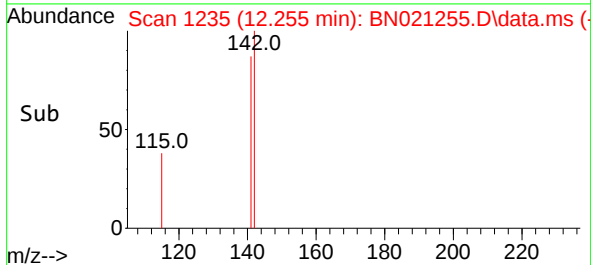
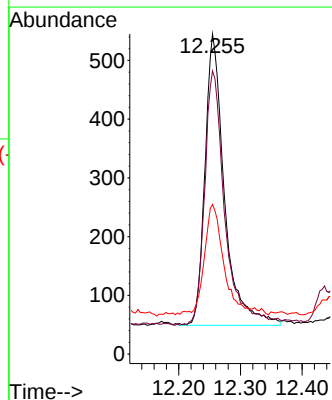
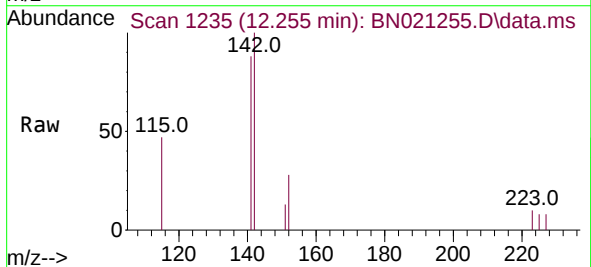
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-1

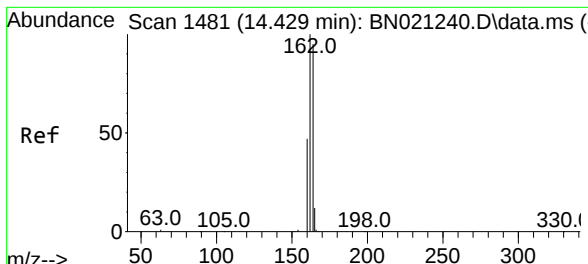
Tgt Ion:152 Resp: 6960
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.051 ng
RT: 12.255 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

Tgt Ion:142 Resp: 1089
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 46.8 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.432 min Scan# 1481

Delta R.T. 0.004 min

Lab File: BN021255.D

Acq: 16 Aug 2022 13:36

Instrument :

BNA_N

ClientSampleId :

TT-203-IDWSO-20220811-1

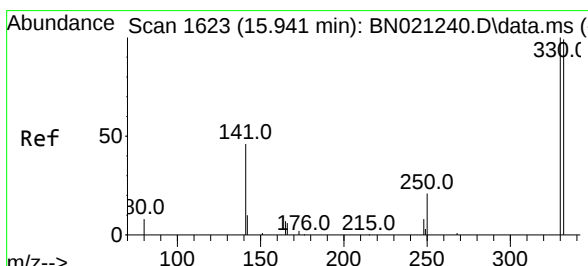
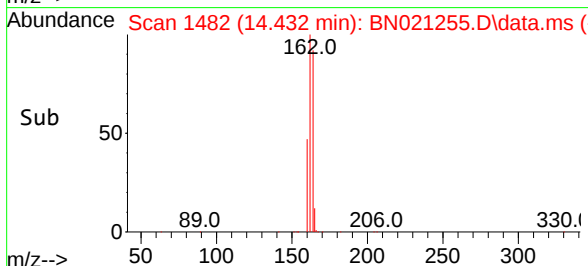
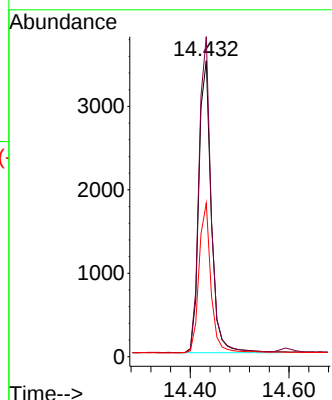
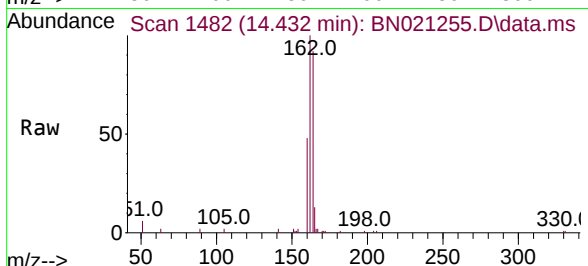
Tgt Ion:164 Resp: 6109

Ion Ratio Lower Upper

164 100

162 108.1 83.8 125.6

160 51.9 39.8 59.6



#14

2,4,6-Tribromophenol

Concen: 0.256 ng

RT: 15.935 min Scan# 1623

Delta R.T. -0.007 min

Lab File: BN021255.D

Acq: 16 Aug 2022 13:36

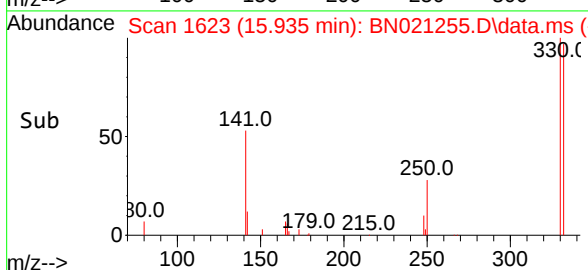
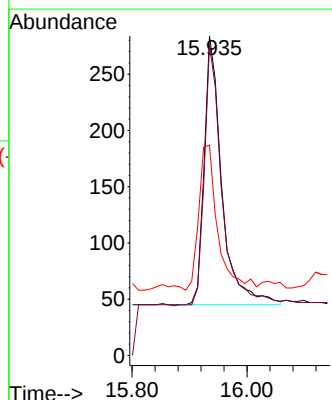
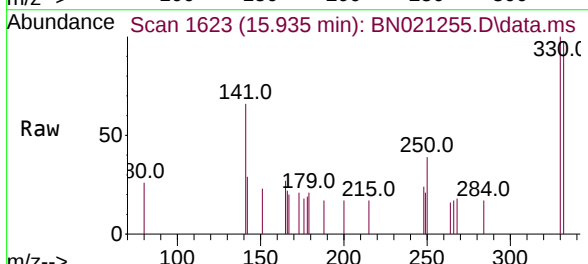
Tgt Ion:330 Resp: 511

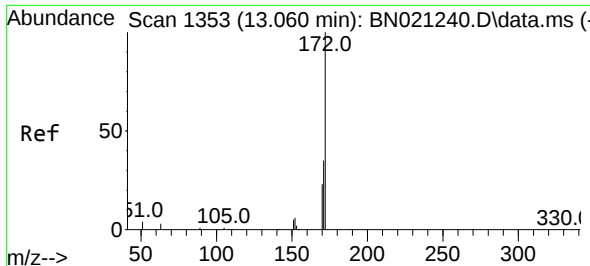
Ion Ratio Lower Upper

330 100

332 98.4 78.1 117.1

141 57.7 45.4 68.0

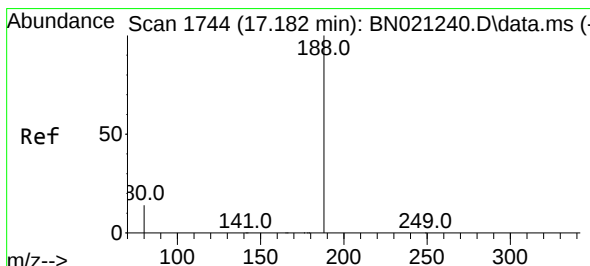
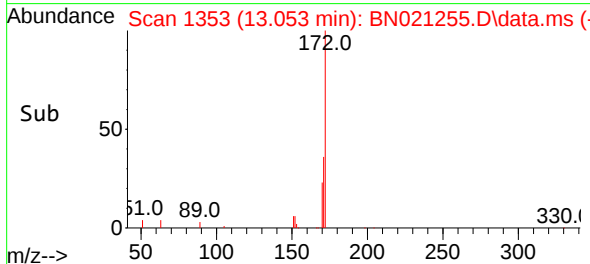
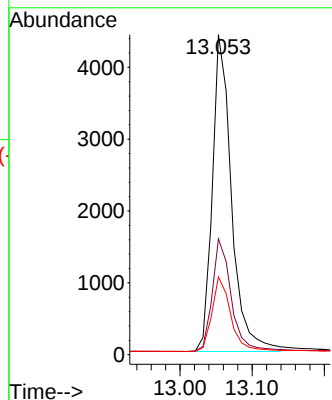
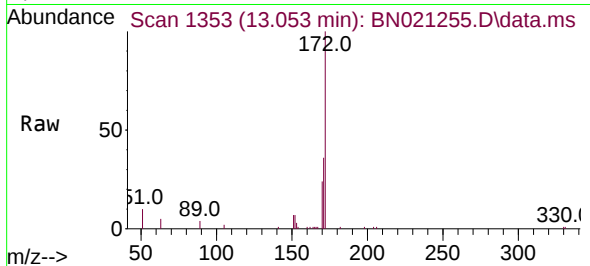




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.053 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

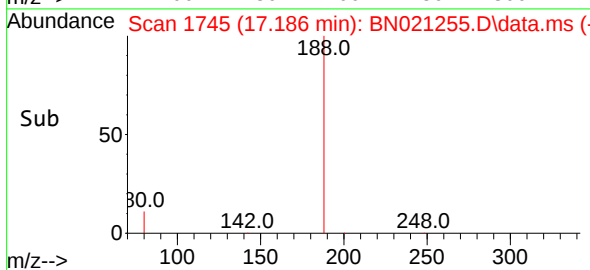
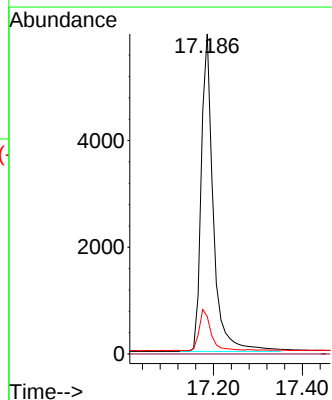
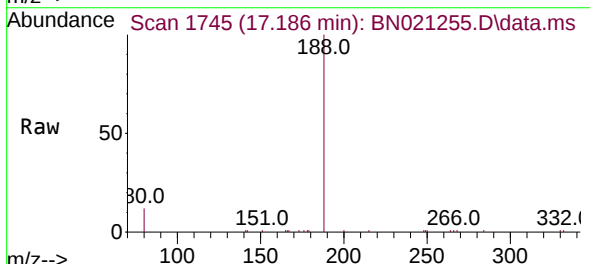
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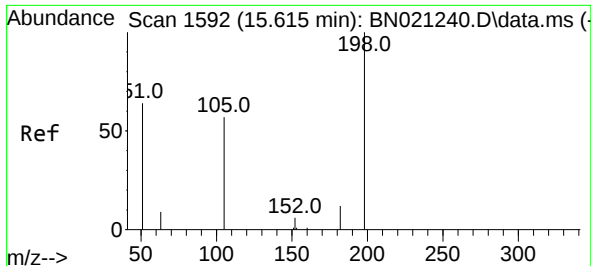
Tgt Ion:	172	Resp:	8138
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.4	42.6
170	24.3	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1745
Delta R.T. 0.004 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

Tgt Ion:	188	Resp:	11183
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	11.8	17.6#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.255 ng

RT: 15.608 min Scan# 1

Delta R.T. -0.007 min

Lab File: BN021255.D

Acq: 16 Aug 2022 13:36

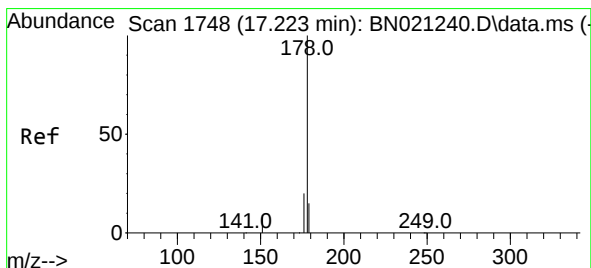
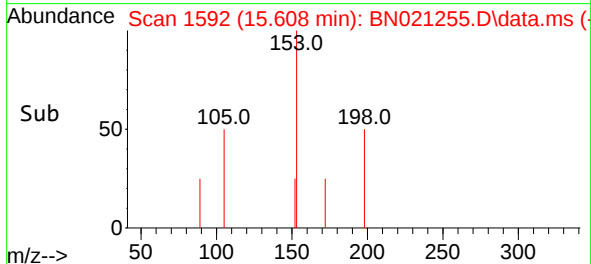
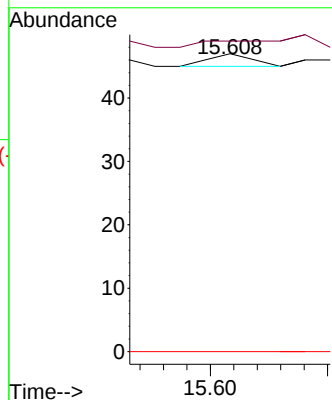
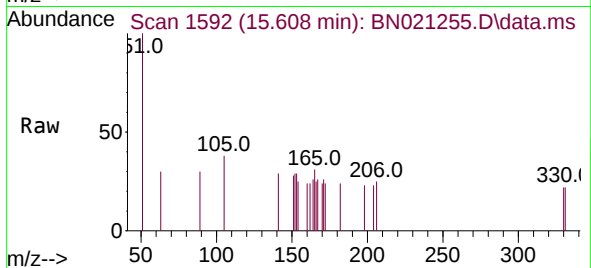
Instrument :

BNA_N

ClientSampleId :

TT-203-IDWSO-20220811-1

Tgt Ion:198	Resp:	3
Ion	Ratio	Lower Upper
198	100	
182	104.3	33.9 50.9#
77	0.0	0.0 0.0



#25

Phenanthrene

Concen: 0.023 ng

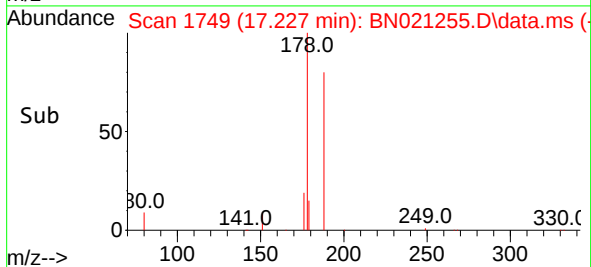
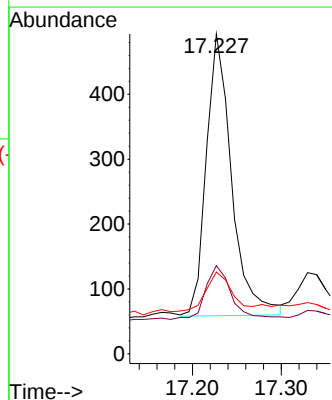
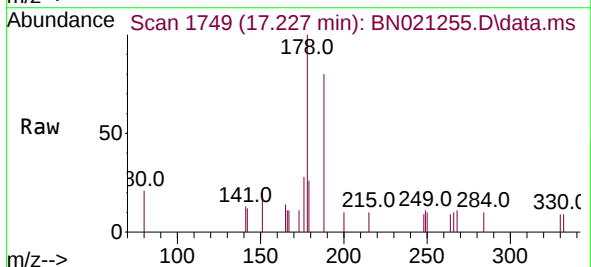
RT: 17.227 min Scan# 1749

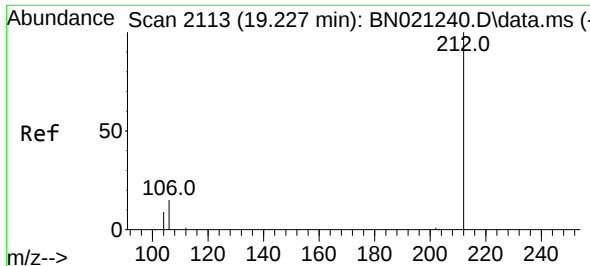
Delta R.T. 0.004 min

Lab File: BN021255.D

Acq: 16 Aug 2022 13:36

Tgt Ion:178	Resp:	861
Ion	Ratio	Lower Upper
178	100	
176	20.0	15.6 23.4
179	15.0	12.2 18.4

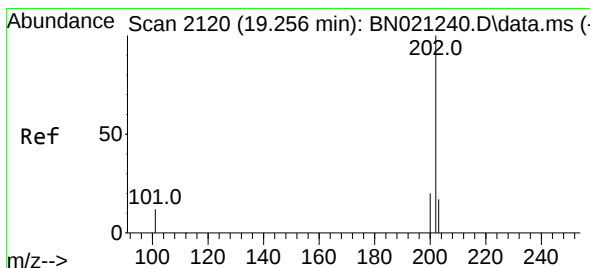
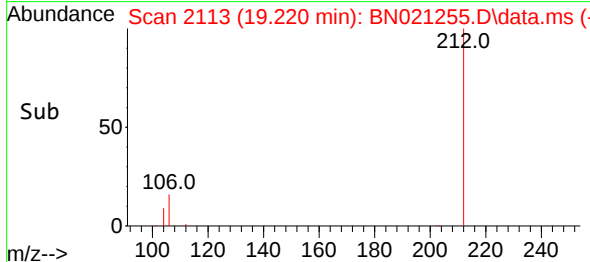
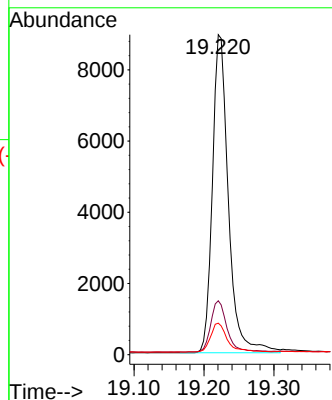
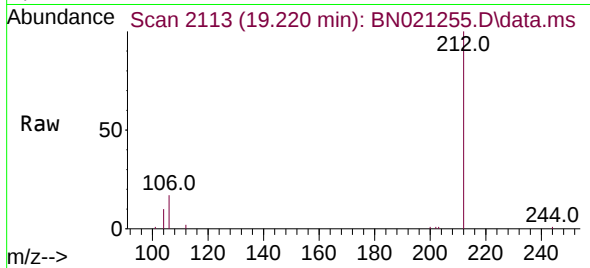




#27
Fluoranthene-d10
Concen: 0.467 ng
RT: 19.220 min Scan# 2113
Delta R.T. -0.007 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

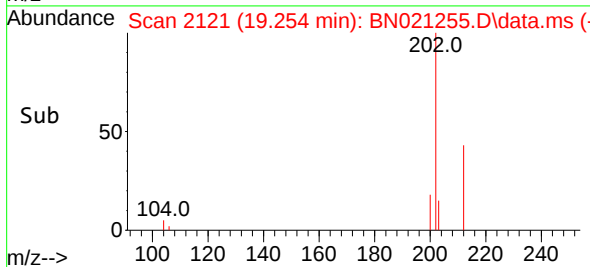
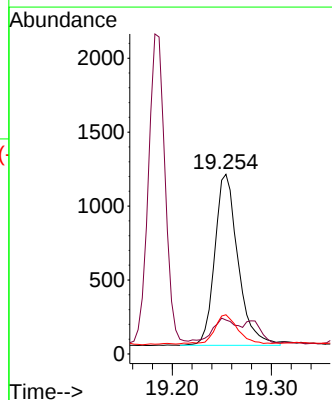
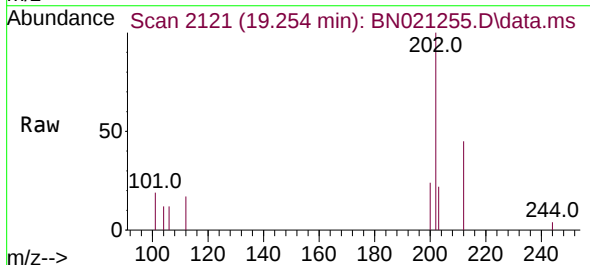
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-1

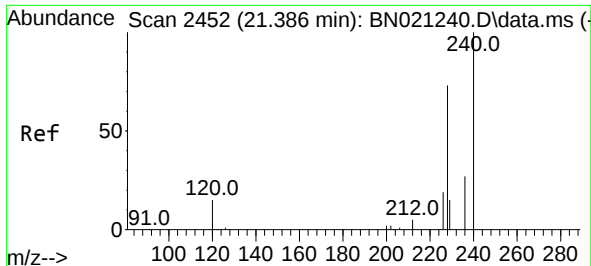
Tgt Ion:212 Resp: 14187
Ion Ratio Lower Upper
212 100
106 16.4 12.6 18.8
104 9.6 7.2 10.8



#28
Fluoranthene
Concen: 0.048 ng
RT: 19.254 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

Tgt Ion:202 Resp: 1882
Ion Ratio Lower Upper
202 100
101 15.8 10.1 15.1#
203 17.1 13.3 19.9

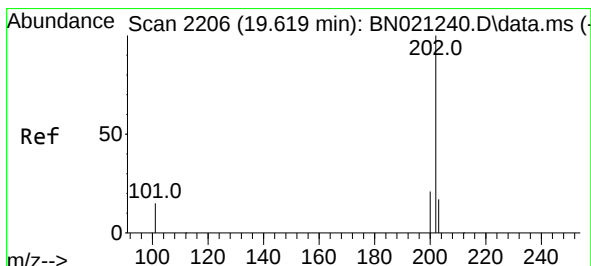
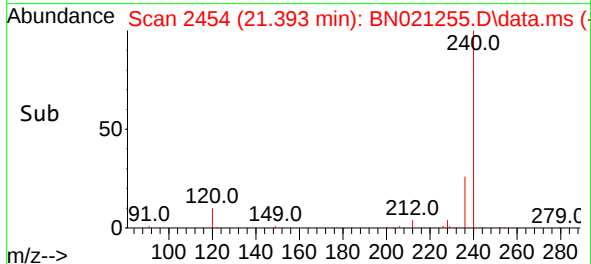
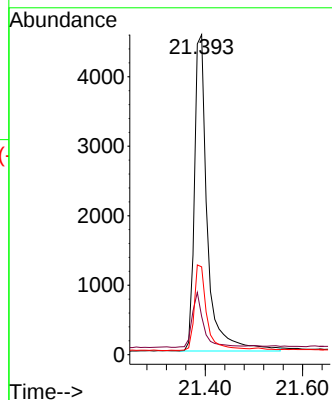
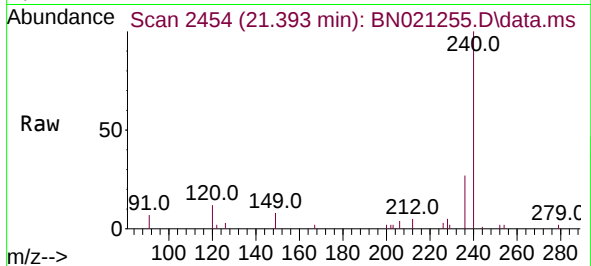




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2454
Delta R.T. 0.007 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

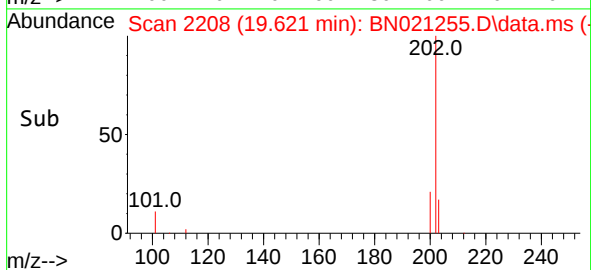
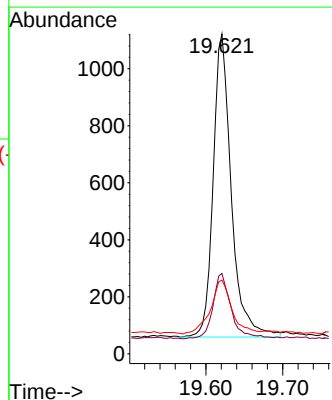
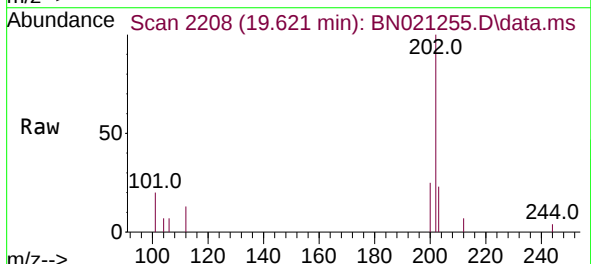
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-1

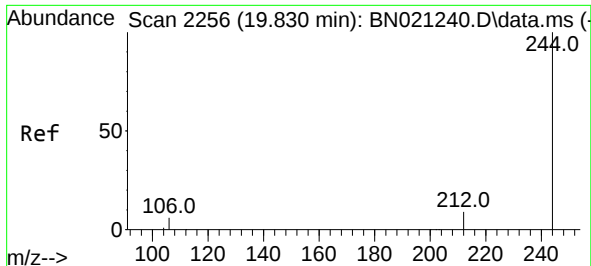
Tgt Ion:240 Resp: 8389
Ion Ratio Lower Upper
240 100
120 12.0 13.4 20.2#
236 27.4 22.6 33.8



#30
Pyrene
Concen: 0.040 ng
RT: 19.621 min Scan# 2208
Delta R.T. 0.002 min
Lab File: BN021255.D
Acq: 16 Aug 2022 13:36

Tgt Ion:202 Resp: 1748
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 20.9 14.2 21.4

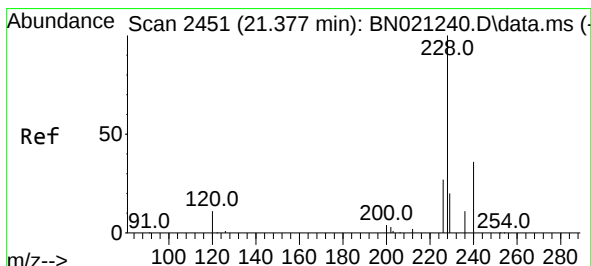
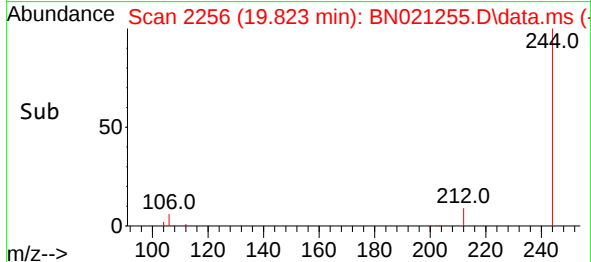
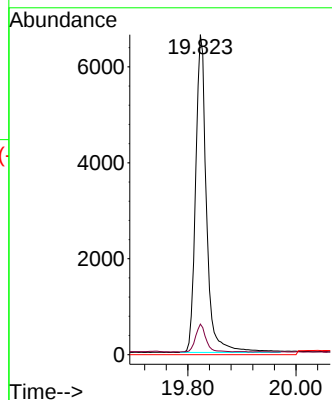
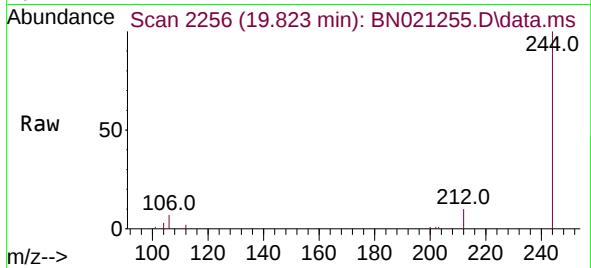




#31
 Terphenyl-d14
 Concen: 0.405 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN021255.D
 Acq: 16 Aug 2022 13:36

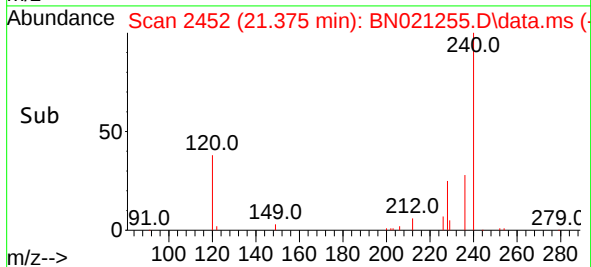
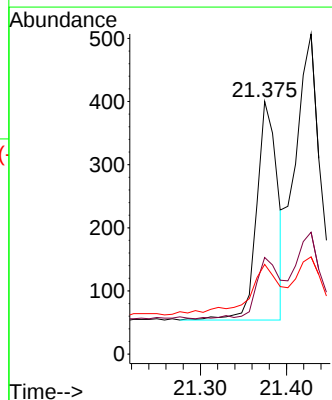
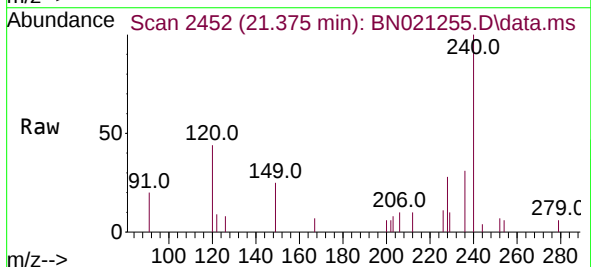
Instrument :
 BNA_N
 ClientSampleId :
 TT-203-IDWSO-20220811-1

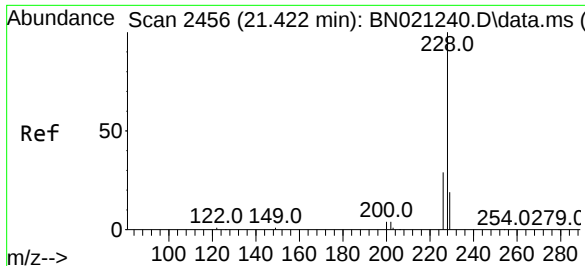
Tgt Ion:244 Resp: 9259
 Ion Ratio Lower Upper
 244 100
 212 9.6 8.3 12.5
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.021 ng
 RT: 21.375 min Scan# 2452
 Delta R.T. -0.002 min
 Lab File: BN021255.D
 Acq: 16 Aug 2022 13:36

Tgt Ion:228 Resp: 579
 Ion Ratio Lower Upper
 228 100
 226 38.3 22.4 33.6#
 229 35.5 16.6 24.8#





#33

Chrysene

Concen: 0.027 ng

RT: 21.428 min Scan# 2456

Delta R.T. 0.007 min

Lab File: BN021255.D

Acq: 16 Aug 2022 13:36

Instrument :

BNA_N

ClientSampleId :

TT-203-IDWSO-20220811-1

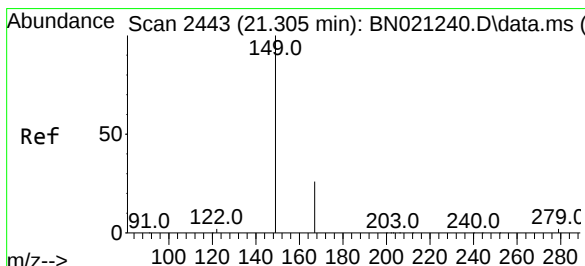
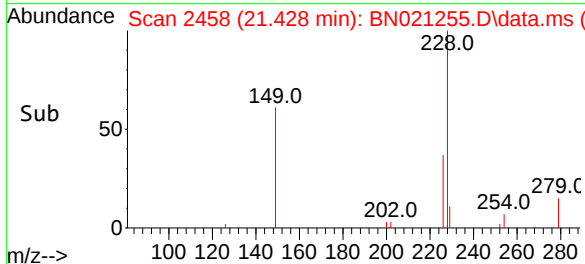
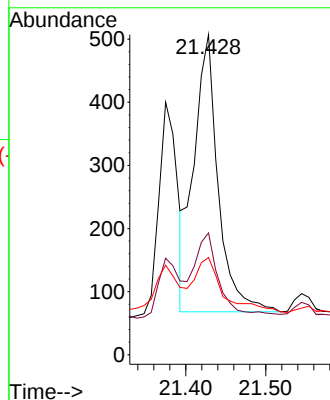
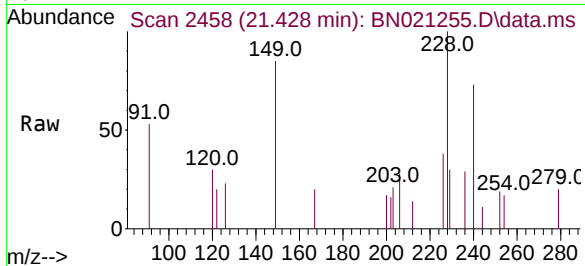
Tgt Ion:228 Resp: 927

Ion Ratio Lower Upper

228 100

226 38.1 23.8 35.8#

229 30.4 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.097 ng

RT: 21.303 min Scan# 2444

Delta R.T. -0.002 min

Lab File: BN021255.D

Acq: 16 Aug 2022 13:36

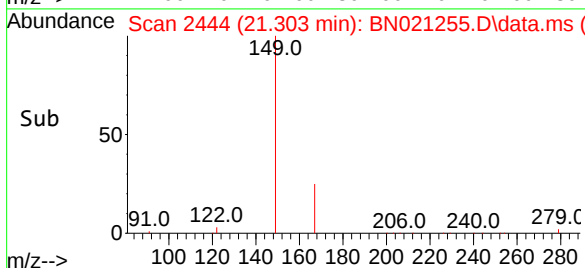
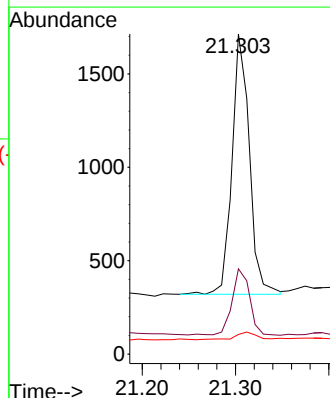
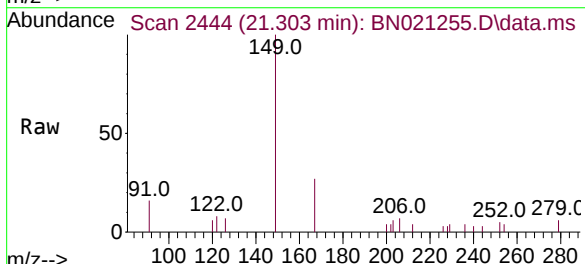
Tgt Ion:149 Resp: 1804

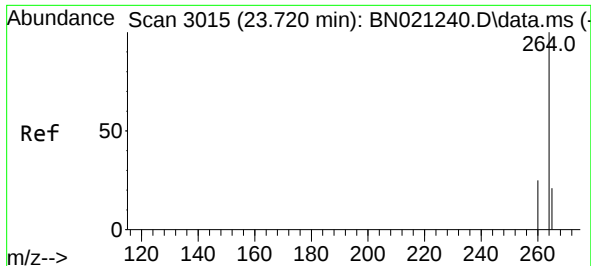
Ion Ratio Lower Upper

149 100

167 25.8 20.6 31.0

279 3.5 2.4 3.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.714 min Scan# 3015

Delta R.T. -0.005 min

Lab File: BN021255.D

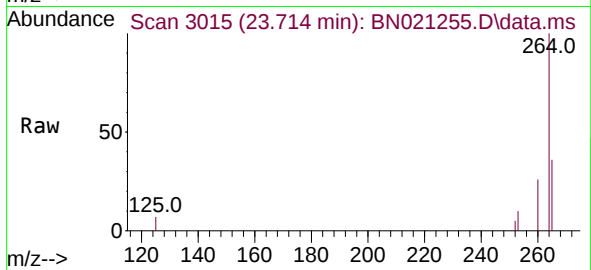
Acq: 16 Aug 2022 13:36

Instrument :

BNA_N

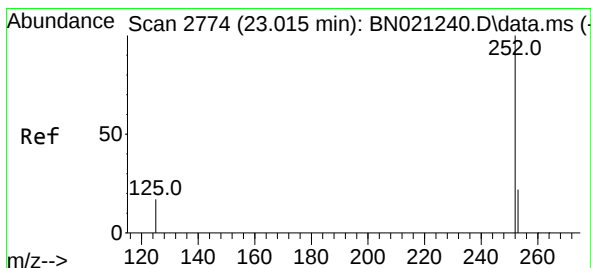
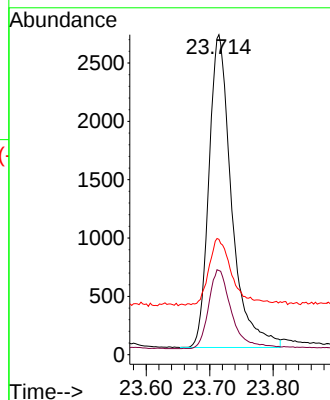
ClientSampleId :

TT-203-IDWSO-20220811-1



Tgt Ion:264 Resp: 6650

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.4	32.2
265	36.1	34.3	51.5



#37

Benzo(b)fluoranthene

Concen: 0.037 ng

RT: 23.019 min Scan# 2777

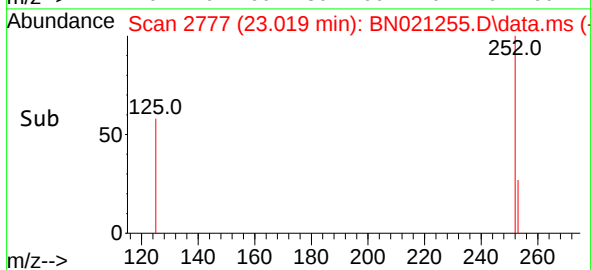
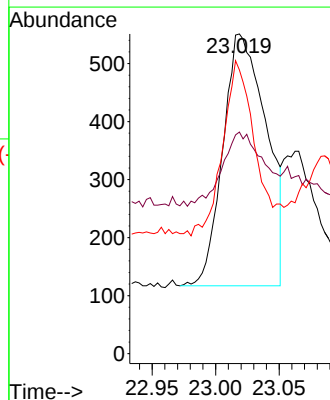
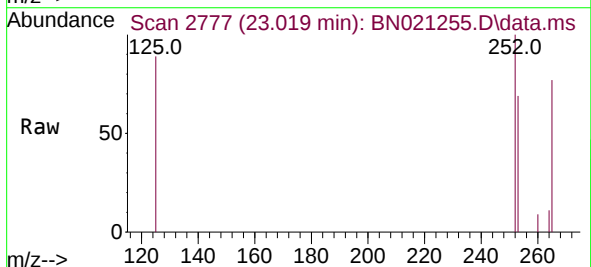
Delta R.T. 0.004 min

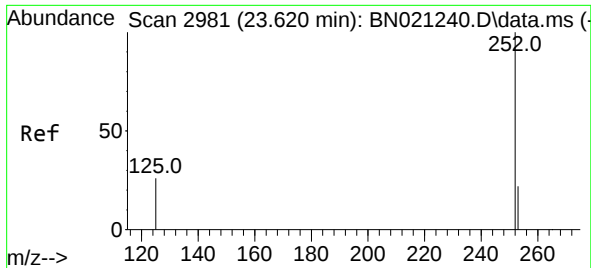
Lab File: BN021255.D

Acq: 16 Aug 2022 13:36

Tgt Ion:252 Resp: 1034

Ion	Ratio	Lower	Upper
252	100		
253	69.3	21.4	32.0#
125	88.7	15.3	22.9#





#39

Benzo(a)pyrene

Concen: 0.022 ng

RT: 23.621 min Scan# 2981

Delta R.T. 0.001 min

Lab File: BN021255.D

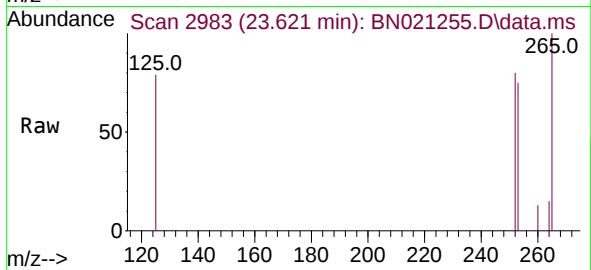
Acq: 16 Aug 2022 13:36

Instrument :

BNA_N

ClientSampleId :

TT-203-IDWSO-20220811-1



Tgt Ion:252 Resp: 509

Ion Ratio Lower Upper

252 100

253 93.7 24.8 37.2#

125 99.4 23.8 35.6#

