

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021252.D
 Acq On : 16 Aug 2022 11:10
 Operator : CG/JU
 Sample : N4197-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-203-IDWSO-20220811-2

Quant Time: Aug 16 11:53:01 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)

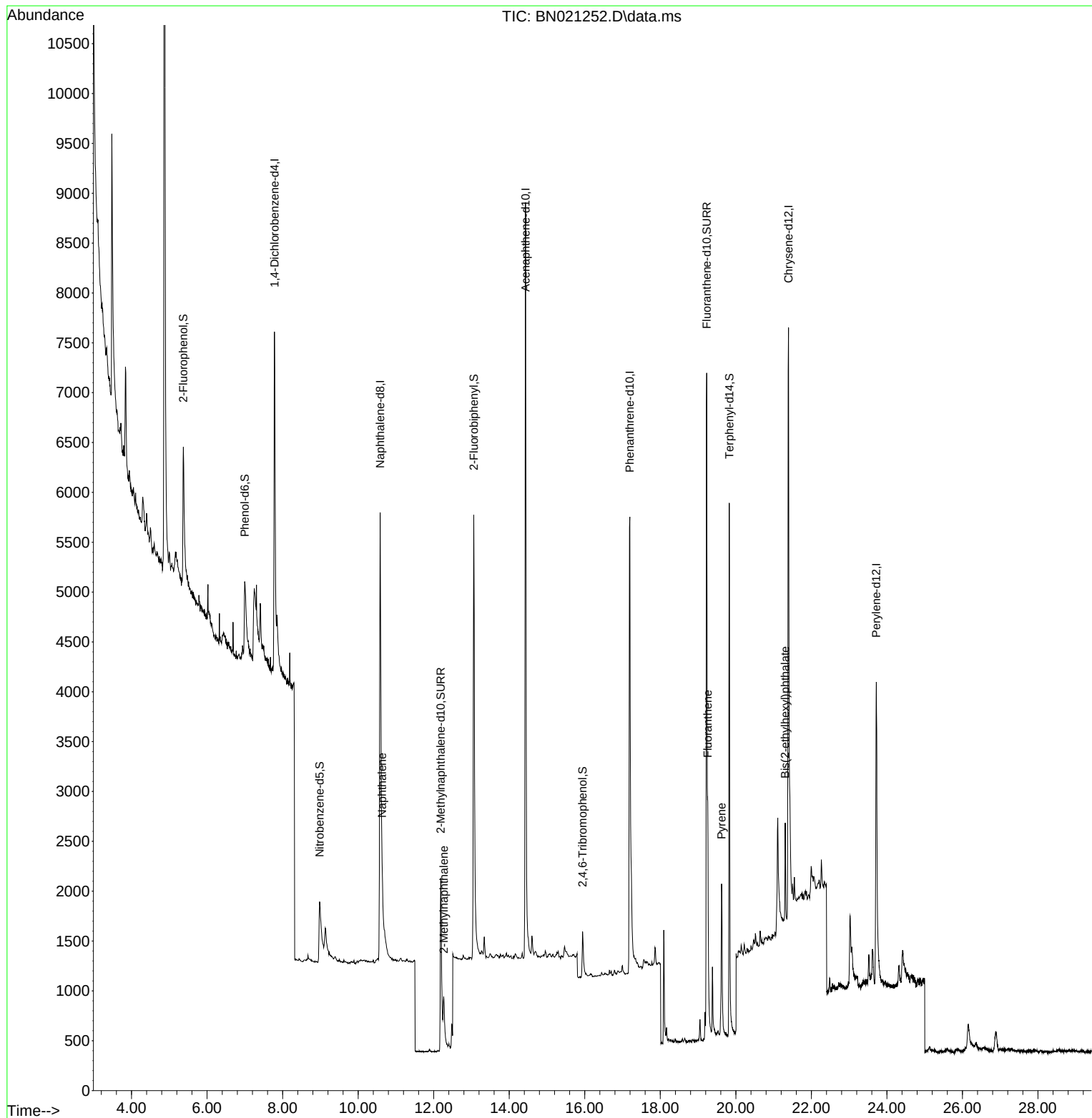
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	2648	0.400	ng	0.00
7) Naphthalene-d8	10.581	136	9486	0.400	ng	0.00
13) Acenaphthene-d10	14.429	164	5205	0.400	ng	0.00
19) Phenanthrene-d10	17.192	188	9743	0.400	ng	# 0.01
29) Chrysene-d12	21.395	240	7173	0.400	ng	# 0.00
35) Perylene-d12	23.717	264	5469	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	1998	0.302	ng	0.00
5) Phenol-d6	6.996	99	1718	0.223	ng	0.01
8) Nitrobenzene-d5	8.980	82	1284	0.276	ng	0.02
11) 2-Methylnaphthalene-d10	12.187	152	4057	0.246	ng	0.00
14) 2,4,6-Tribromophenol	15.941	330	366	0.215	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	5436	0.263	ng	0.00
27) Fluoranthene-d10	19.227	212	9036	0.342	ng	0.00
31) Terphenyl-d14	19.826	244	6799	0.348	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.635	128	585	0.020	ng	# 56
12) 2-Methylnaphthalene	12.266	142	547	0.028	ng	# 91
28) Fluoranthene	19.256	202	2018	0.060	ng	# 95
30) Pyrene	19.623	202	1777	0.048	ng	97
34) Bis(2-ethylhexyl)phtha...	21.305	149	968	0.061	ng	# 97

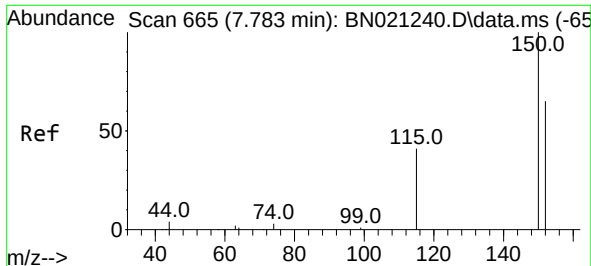
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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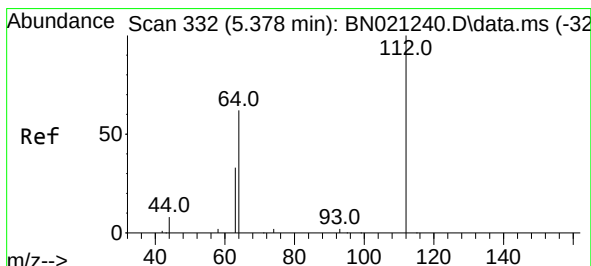
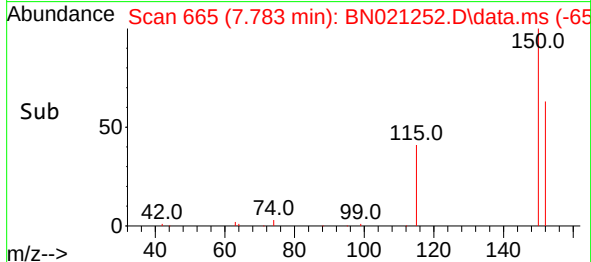
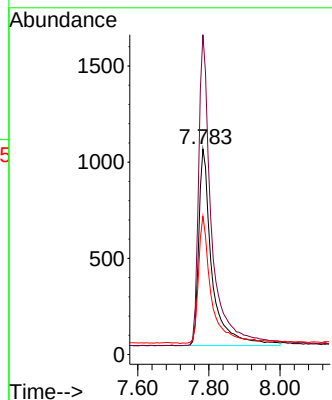
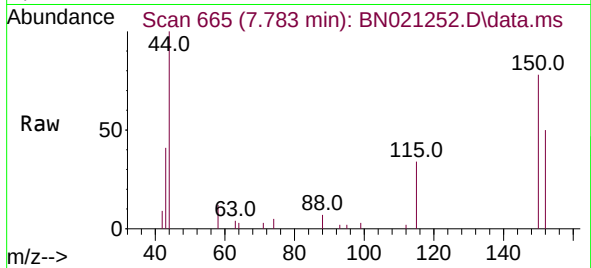




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.783 min Scan# 665
Delta R.T. 0.000 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

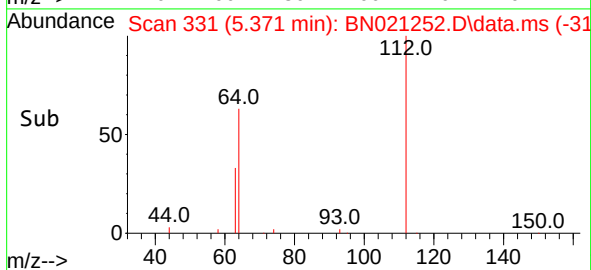
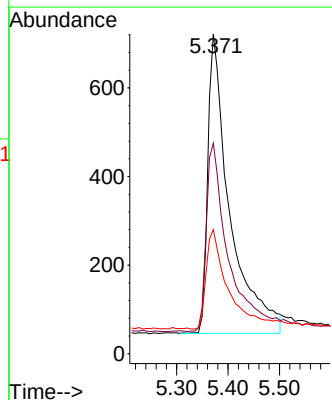
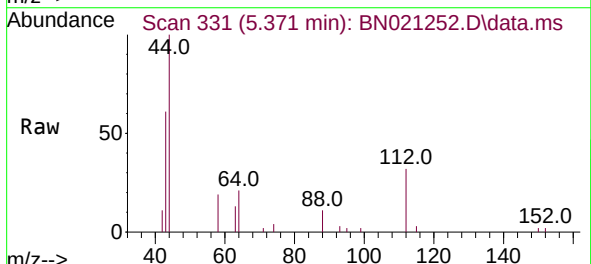
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2

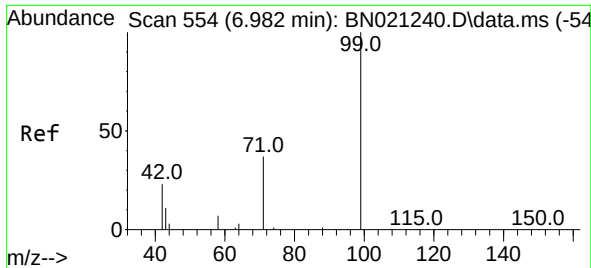
Tgt Ion:152 Resp: 2648
Ion Ratio Lower Upper
152 100
150 155.7 123.1 184.7
115 67.3 52.2 78.4



#4
2-Fluorophenol
Concen: 0.302 ng
RT: 5.371 min Scan# 331
Delta R.T. -0.007 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

Tgt Ion:112 Resp: 1998
Ion Ratio Lower Upper
112 100
64 63.9 52.0 78.0
63 33.9 27.5 41.3

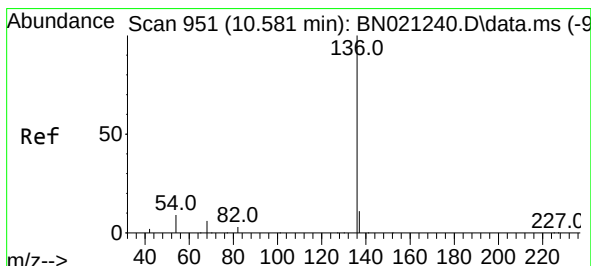
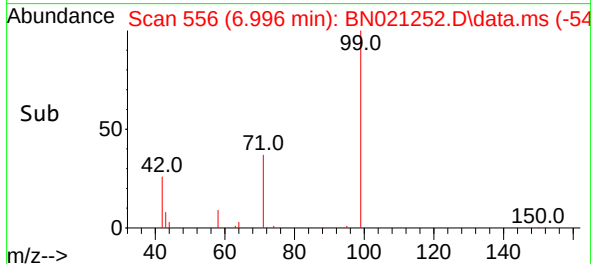
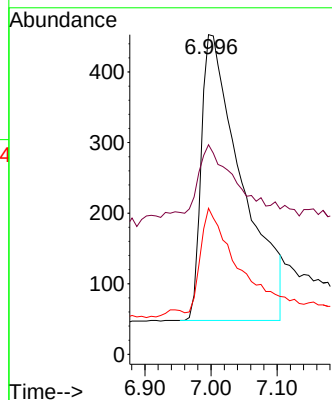
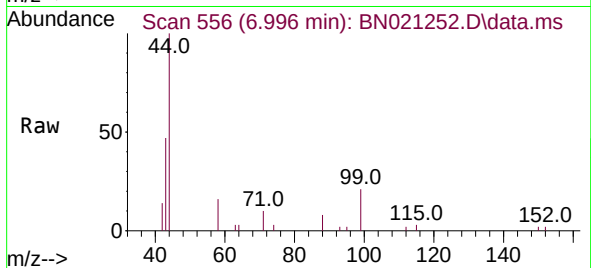




#5
Phenol-d6
Concen: 0.223 ng
RT: 6.996 min Scan# 51
Delta R.T. 0.015 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

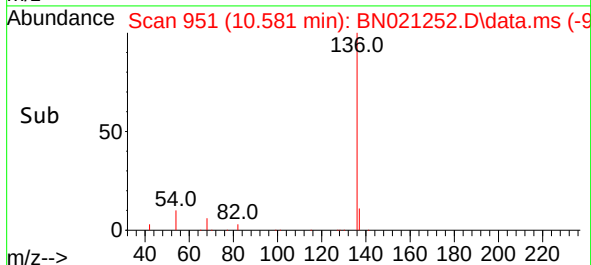
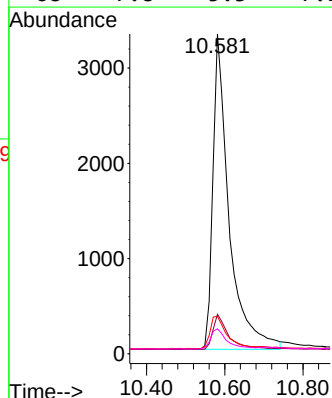
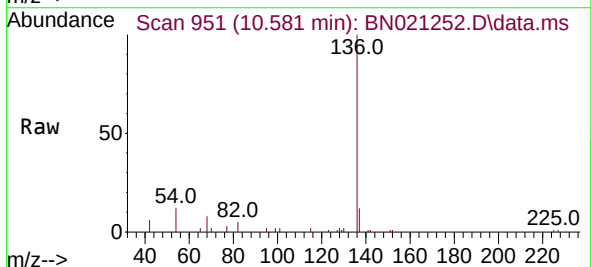
Instrument :
BNA_N
ClientSampleId :
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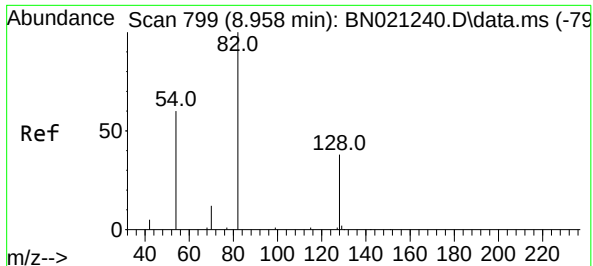
Tgt Ion: 99 Resp: 1718
Ion Ratio Lower Upper
99 100
42 23.5 19.1 28.7
71 32.7 28.9 43.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.581 min Scan# 951
Delta R.T. 0.000 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

Tgt Ion: 136 Resp: 9486
Ion Ratio Lower Upper
136 100
137 12.4 9.6 14.4
54 11.7 8.2 12.2
68 7.8 5.3 7.9

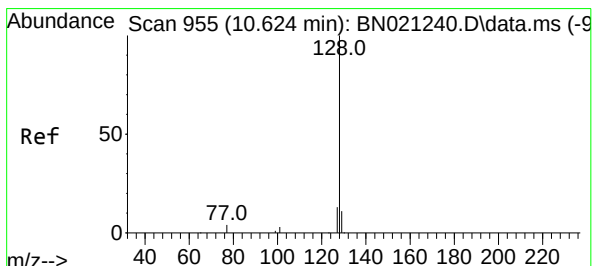
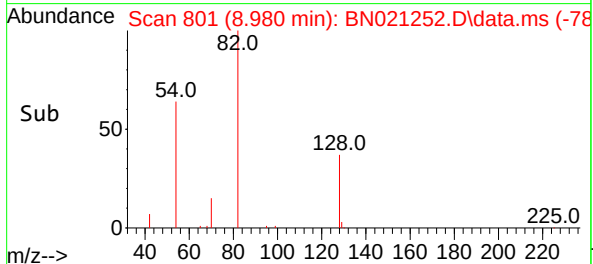
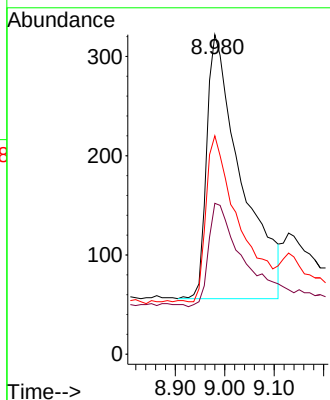
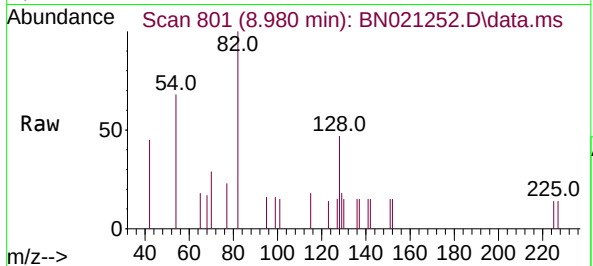




#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.980 min Scan# 801
Delta R.T. 0.022 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

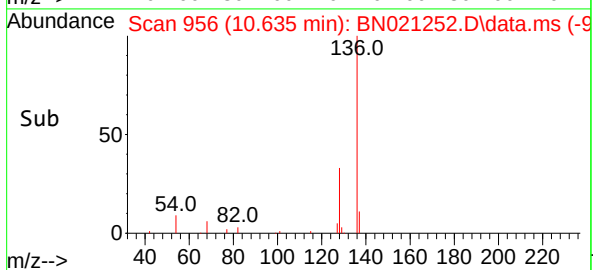
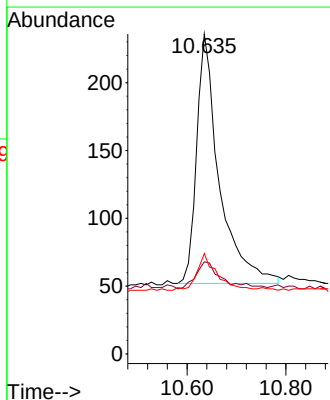
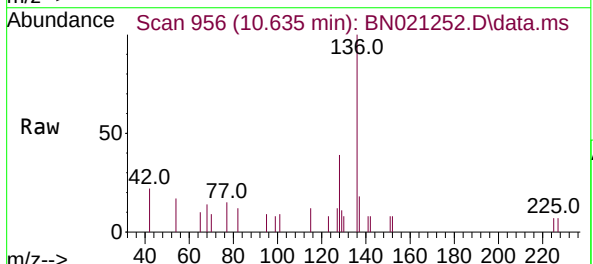
Instrument :
BNA_N
ClientSampleId :
TT-203-IDWSO-20220811-2

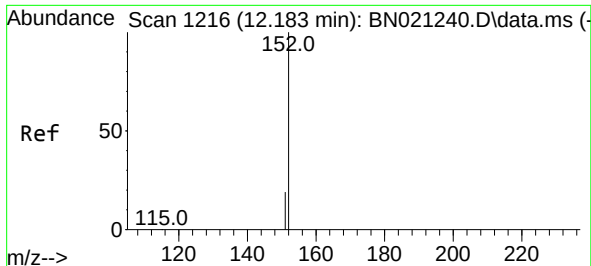
Tgt Ion:	82	Resp:	1284
Ion	Ratio	Lower	Upper
82	100		
128	47.2	33.6	50.4
54	68.3	50.2	75.2



#9
Naphthalene
Concen: 0.020 ng
RT: 10.635 min Scan# 956
Delta R.T. 0.011 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

Tgt Ion:	128	Resp:	585
Ion	Ratio	Lower	Upper
128	100		
129	28.8	9.4	14.0#
127	31.4	11.0	16.6#

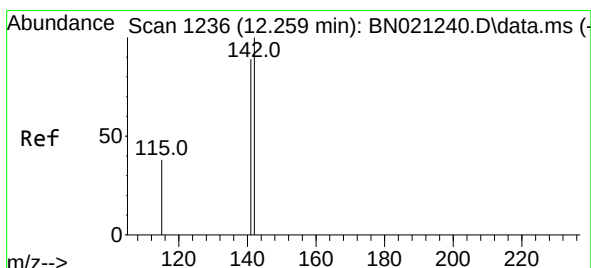
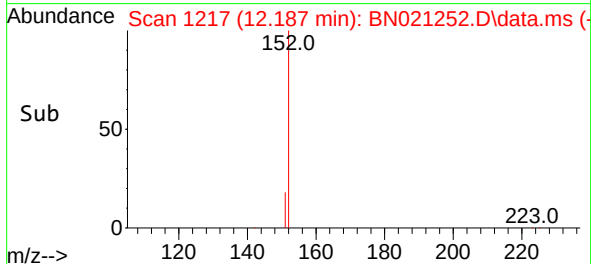
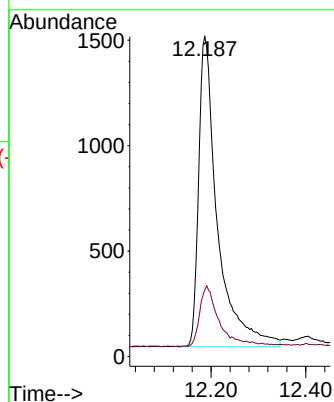
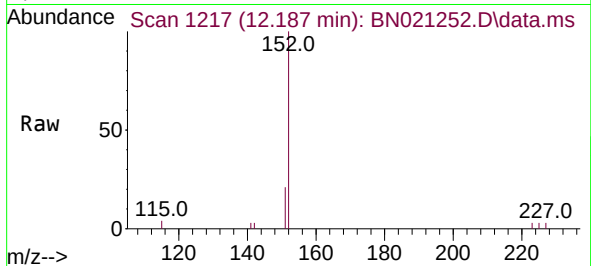




#11
2-Methylnaphthalene-d10
Concen: 0.246 ng
RT: 12.187 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

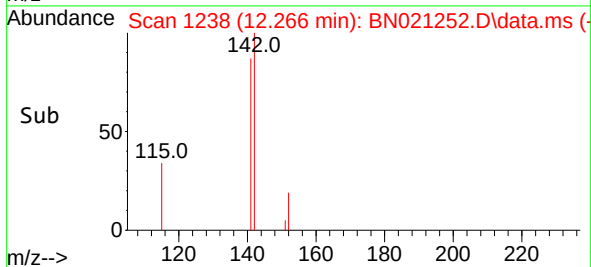
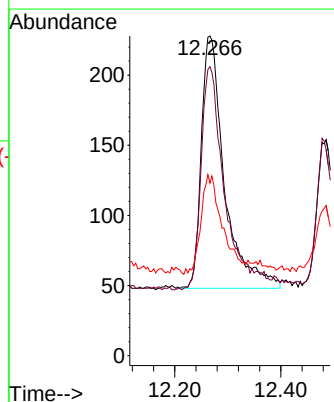
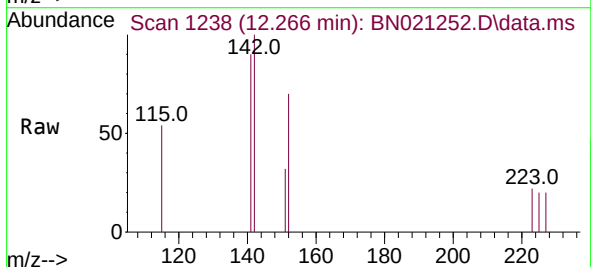
Instrument :
BNA_N
ClientSampleId :
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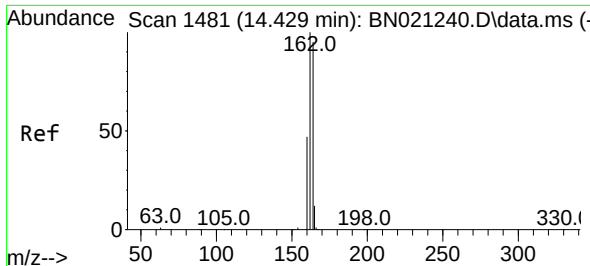
Tgt Ion:152 Resp: 4057
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.266 min Scan# 1238
Delta R.T. 0.008 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

Tgt Ion:142 Resp: 547
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.6
115 53.9 31.3 46.9#

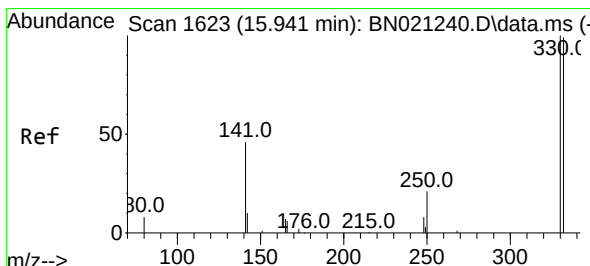
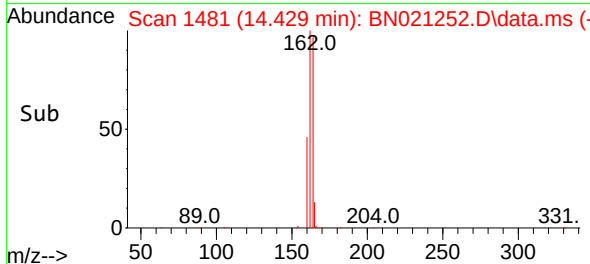
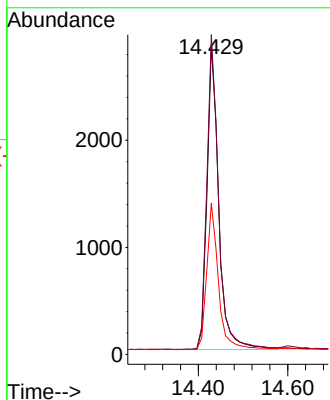
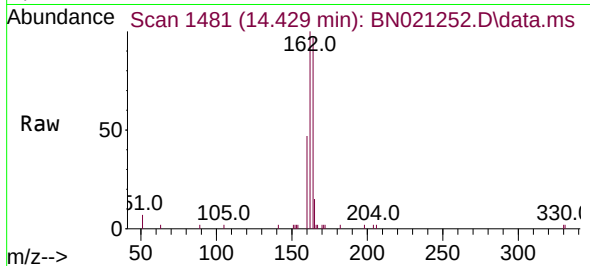




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.429 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

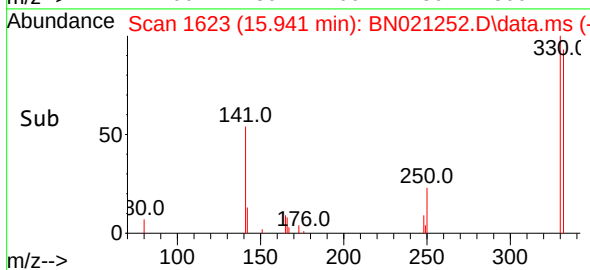
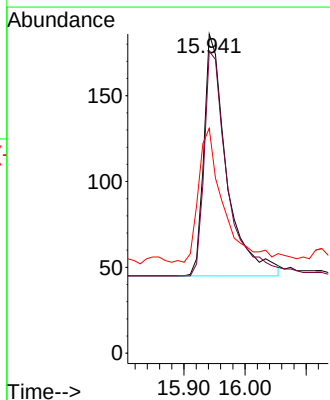
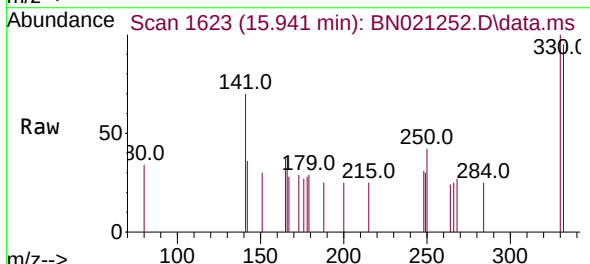
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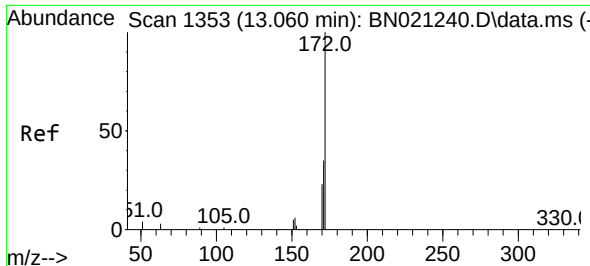
Tgt Ion:164	Resp:	5205
Ion Ratio	Lower	Upper
164	100	
162	103.5	83.8 125.6
160	48.9	39.8 59.6



#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 15.941 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

Tgt Ion:330	Resp:	366
Ion Ratio	Lower	Upper
330	100	
332	94.3	78.1 117.1
141	59.3	45.4 68.0

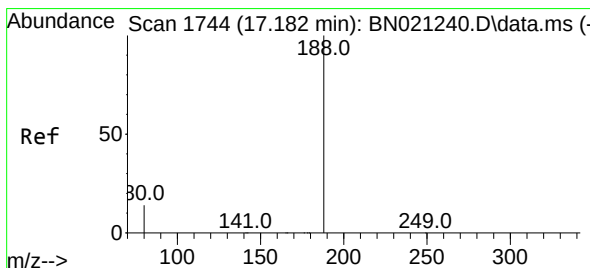
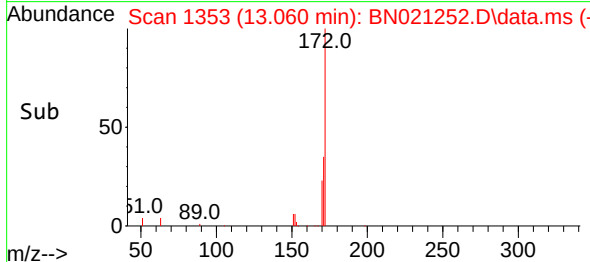
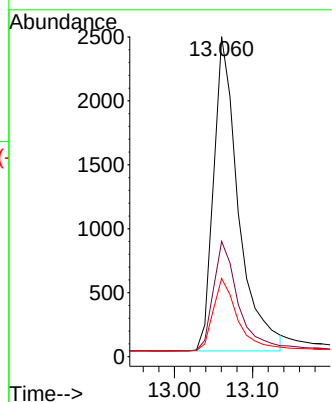
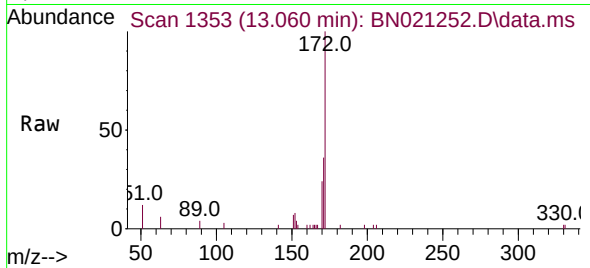




#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.060 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

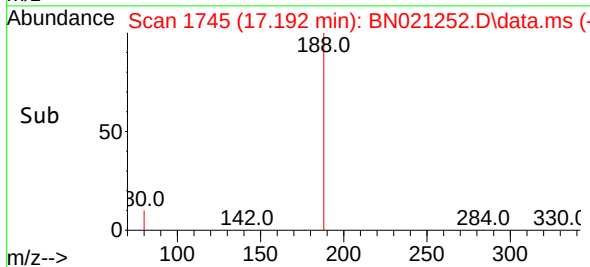
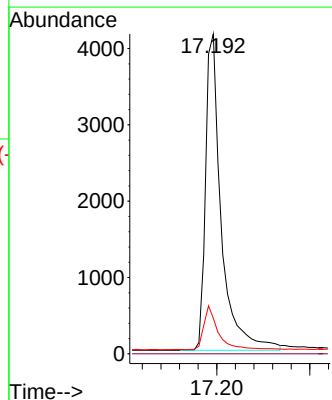
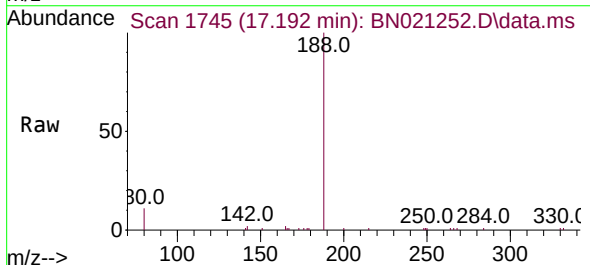
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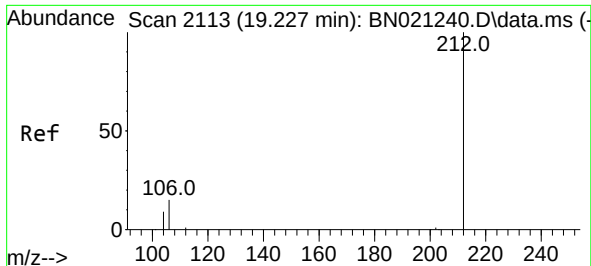
Tgt Ion:	172	Resp:	5436
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.4	42.6
170	24.5	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.192 min Scan# 1745
Delta R.T. 0.010 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

Tgt Ion:	188	Resp:	9743
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.1	11.8	17.6

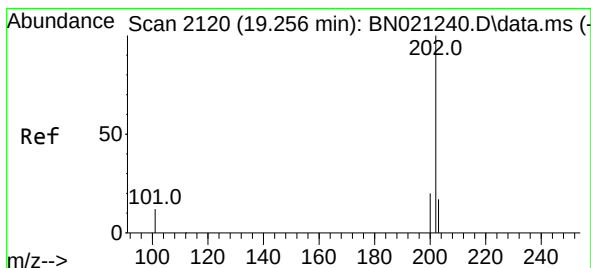
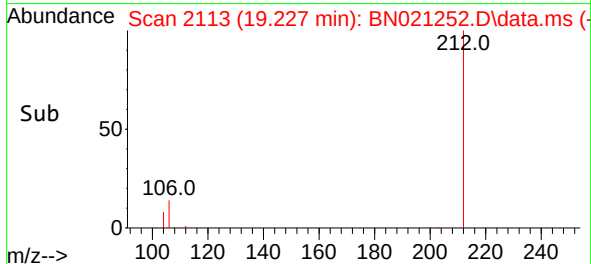
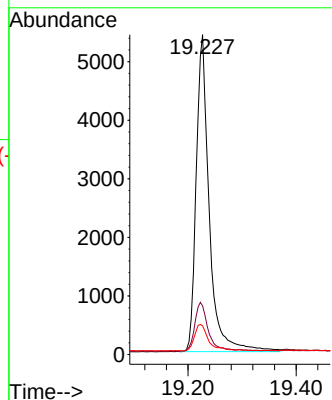
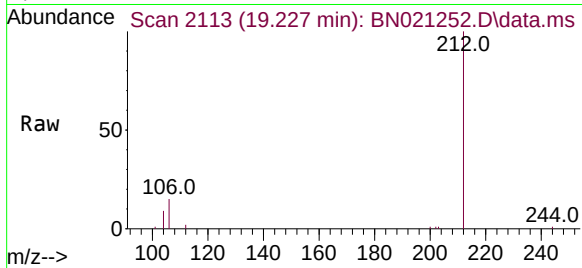




#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.227 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

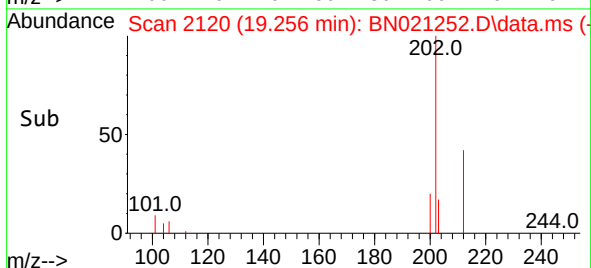
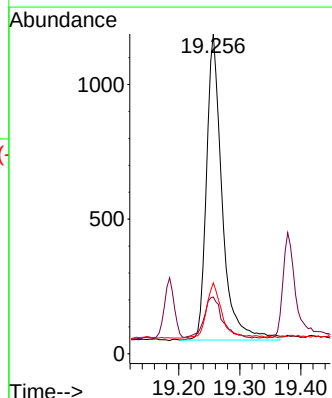
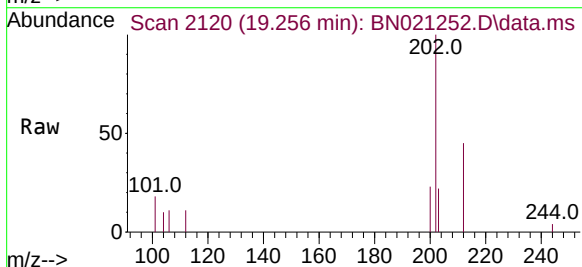
Instrument :
BNA_N
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TT-203-IDWSO-20220811-2

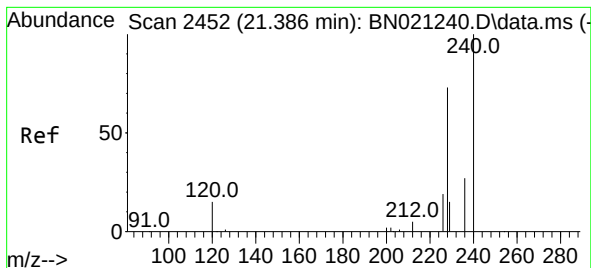
Tgt Ion:212 Resp: 9036
Ion Ratio Lower Upper
212 100
106 15.8 12.6 18.8
104 8.9 7.2 10.8



#28
Fluoranthene
Concen: 0.060 ng
RT: 19.256 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN021252.D
Acq: 16 Aug 2022 11:10

Tgt Ion:202 Resp: 2018
Ion Ratio Lower Upper
202 100
101 15.8 10.1 15.1#
203 17.4 13.3 19.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.395 min Scan# 2452

Delta R.T. 0.009 min

Lab File: BN021252.D

Acq: 16 Aug 2022 11:10

Instrument :

BNA_N

ClientSampleId :

TT-203-IDWSO-20220811-2

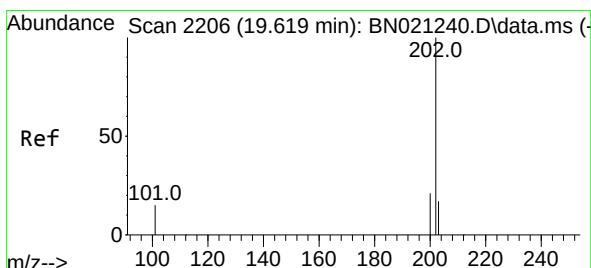
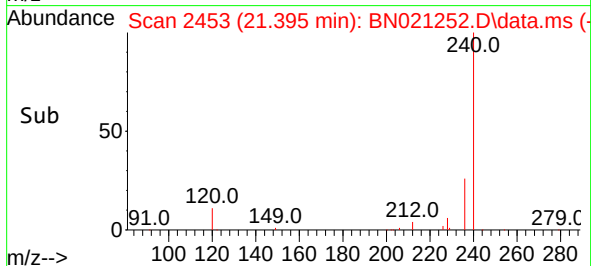
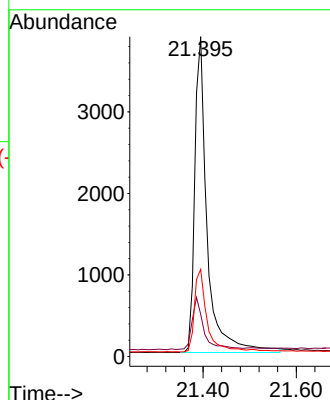
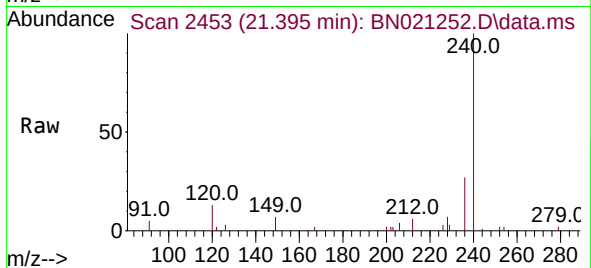
Tgt Ion:240 Resp: 7173

Ion Ratio Lower Upper

240 100

120 13.2 13.4 20.2#

236 27.3 22.6 33.8



#30

Pyrene

Concen: 0.048 ng

RT: 19.623 min Scan# 2207

Delta R.T. 0.004 min

Lab File: BN021252.D

Acq: 16 Aug 2022 11:10

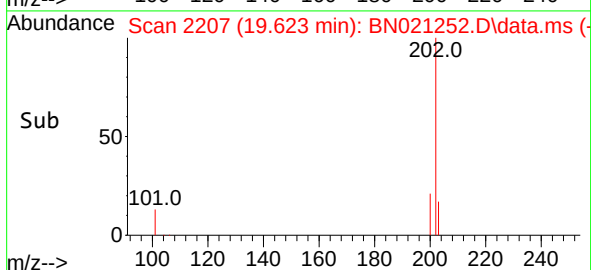
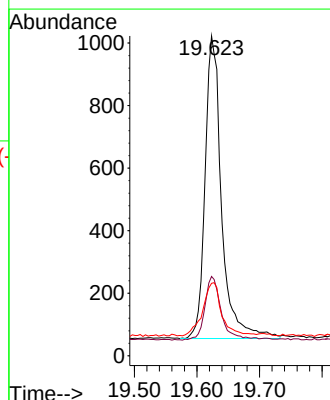
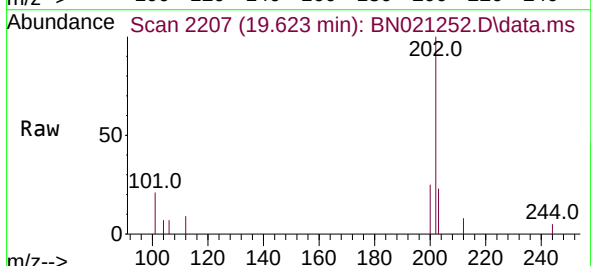
Tgt Ion:202 Resp: 1777

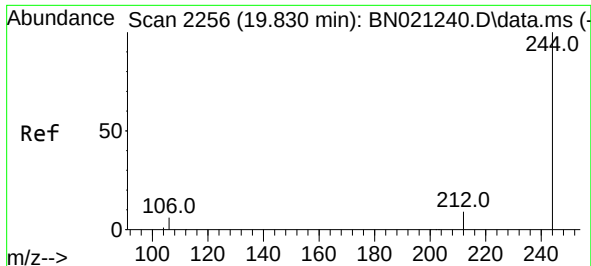
Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

203 20.0 14.2 21.4

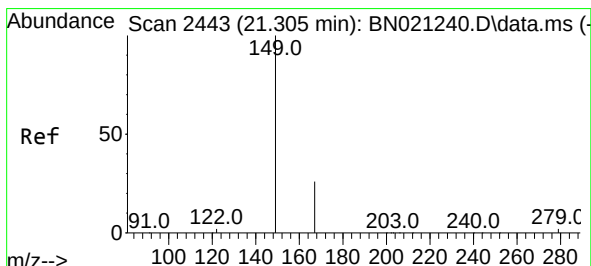
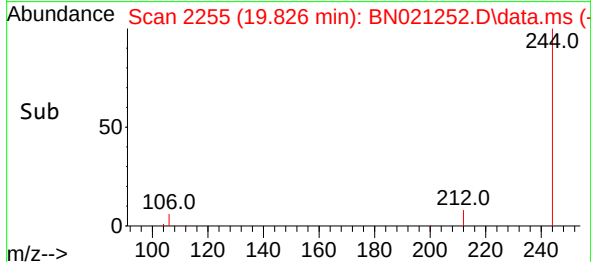
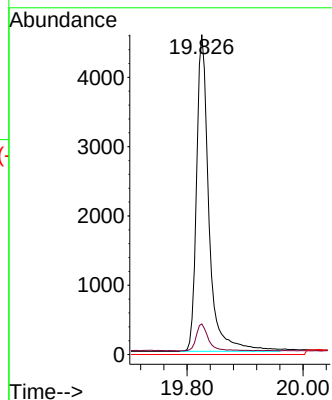
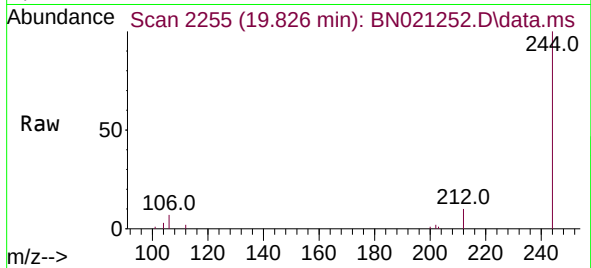




#31
 Terphenyl-d14
 Concen: 0.348 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021252.D
 Acq: 16 Aug 2022 11:10

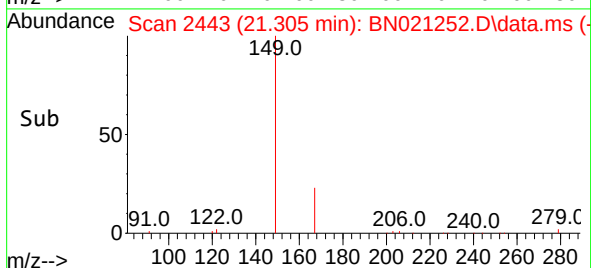
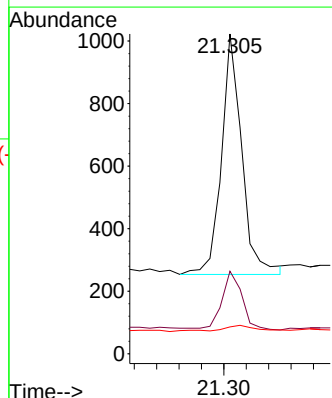
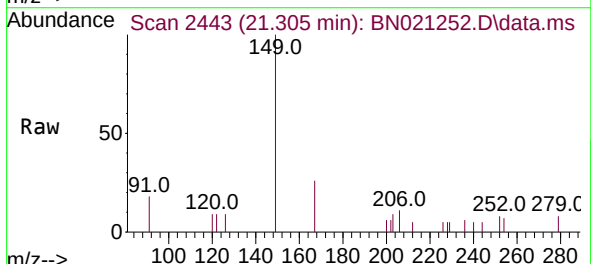
Instrument :
 BNA_N
 ClientSampleId :
 TT-203-IDWSO-20220811-2

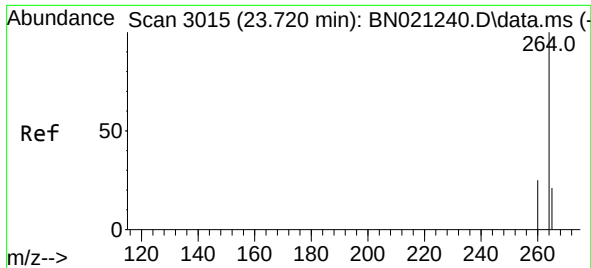
Tgt Ion:244 Resp: 6799
 Ion Ratio Lower Upper
 244 100
 212 9.6 8.3 12.5
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.305 min Scan# 2443
 Delta R.T. 0.000 min
 Lab File: BN021252.D
 Acq: 16 Aug 2022 11:10

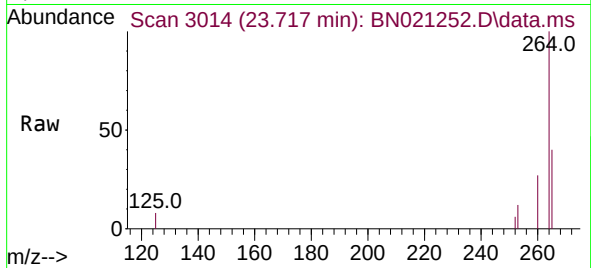
Tgt Ion:149 Resp: 968
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.6 31.0
 279 4.9 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.717 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN021252.D
 Acq: 16 Aug 2022 11:10

Instrument :
 BNA_N
 ClientSampleId :
 TT-203-IDWSO-20220811-2



Tgt Ion:264 Resp: 5469

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.2
265	39.8	34.3	51.5

