

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019100.D
 Acq On : 23 Mar 2022 20:12
 Operator : CG/JU
 Sample : N2074-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20220318

Quant Time: Mar 24 05:32:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

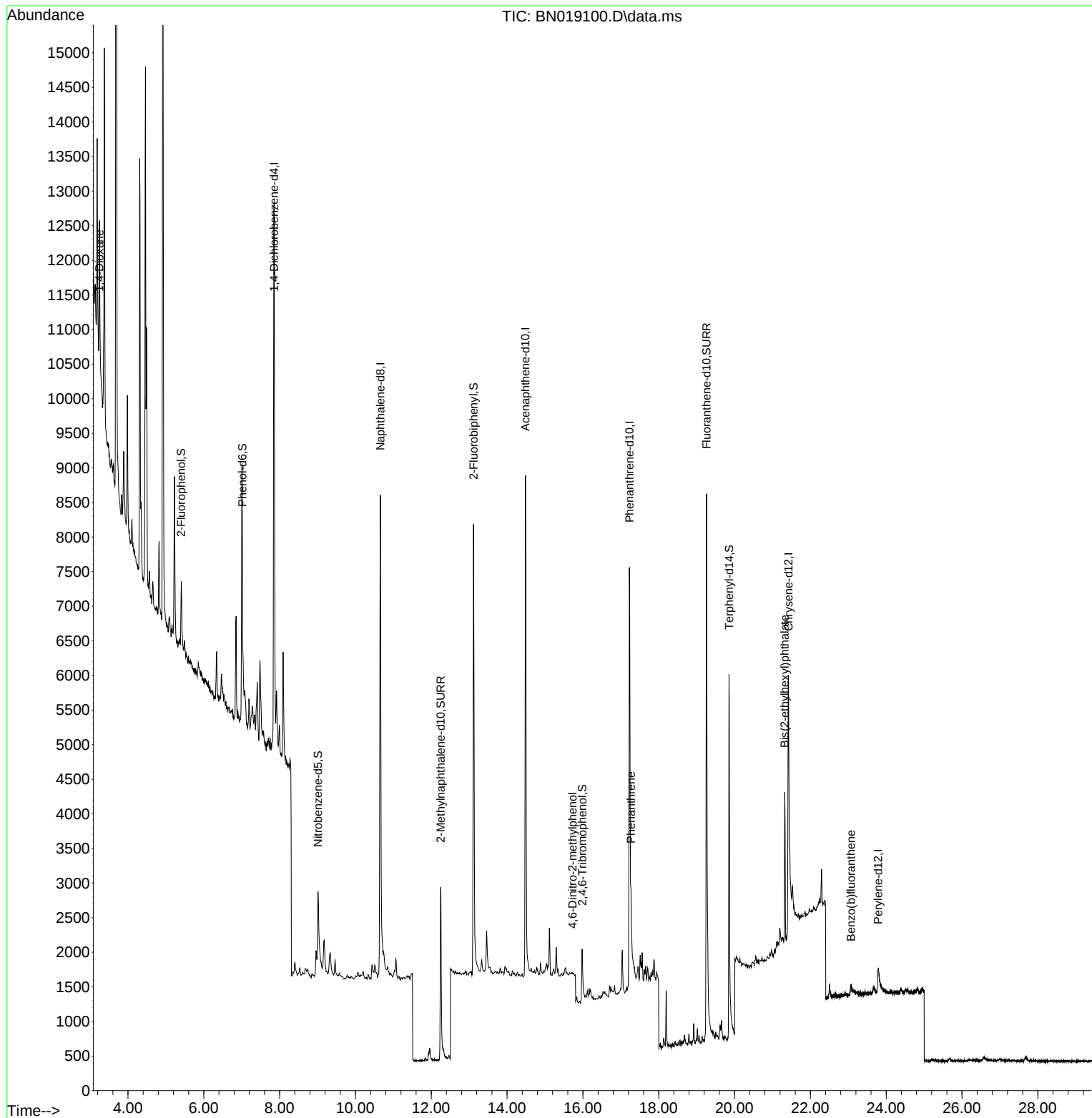
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4170	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	11021	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	4670	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	12354	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	7291	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	900	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	978	0.105	ng	0.00
5) Phenol-d6	7.017	99	515	0.053	ng	0.00
8) Nitrobenzene-d5	9.014	82	1627	0.205	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	4371	0.239	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	667	0.296	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	6411	0.342	ng	-0.01
27) Fluoranthene-d10	19.261	212	11286	0.308	ng	0.00
31) Terphenyl-d14	19.856	244	7744	0.432	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	1322	0.257	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.725	198	15	0.116	ng	# 1
25) Phenanthrene	17.267	178	891	0.023	ng	95
34) Bis(2-ethylhexyl)phtha...	21.324	149	1974	0.133	ng	# 98
37) Benzo(b)fluoranthene	23.071	252	106	0.032	ng	# 1

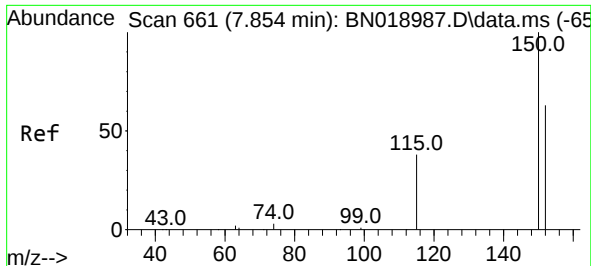
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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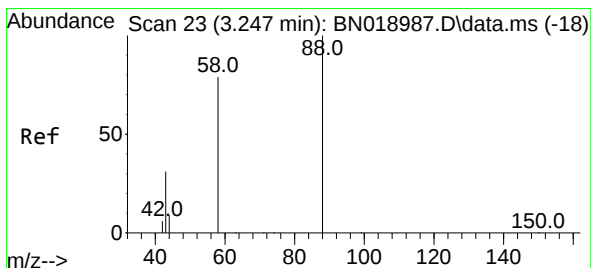
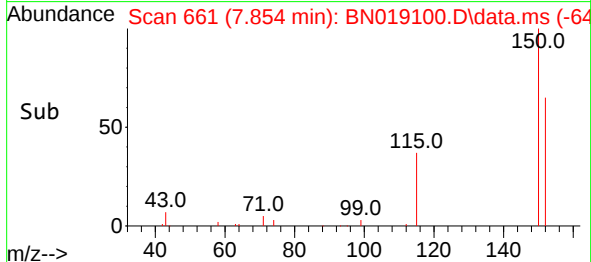
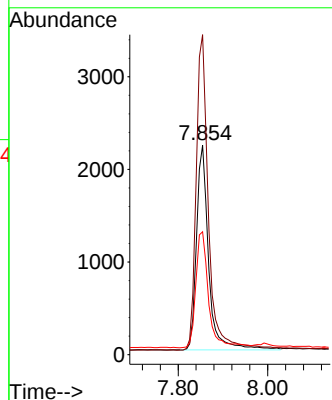
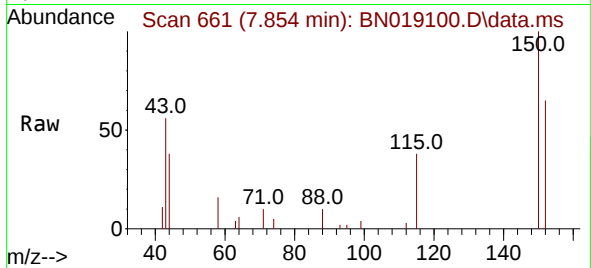




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019100.D
 Acq: 23 Mar 2022 20:12

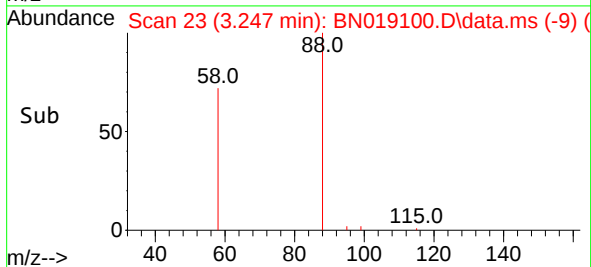
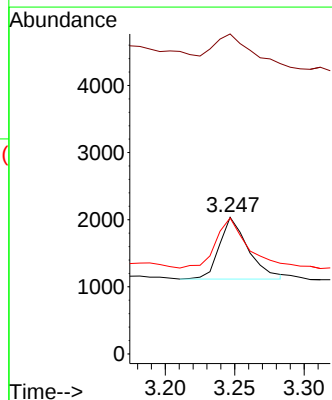
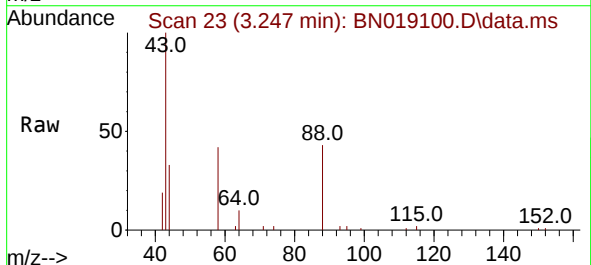
Instrument :
 BNA_N
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 TT180D-20220318

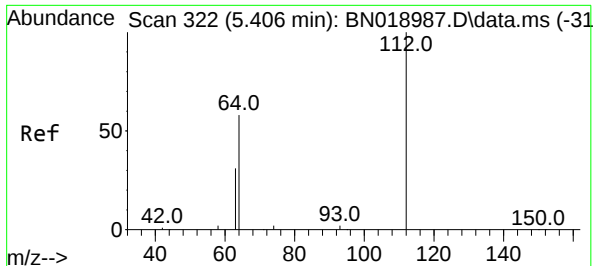
Tgt Ion:152 Resp: 4170
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.9 185.9
 115 58.6 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.257 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019100.D
 Acq: 23 Mar 2022 20:12

Tgt Ion: 88 Resp: 1322
 Ion Ratio Lower Upper
 88 100
 43 54.8 24.6 37.0#
 58 87.2 65.4 98.2

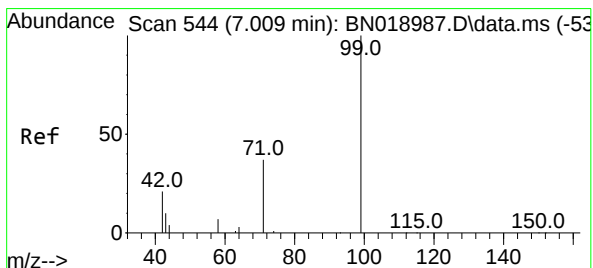
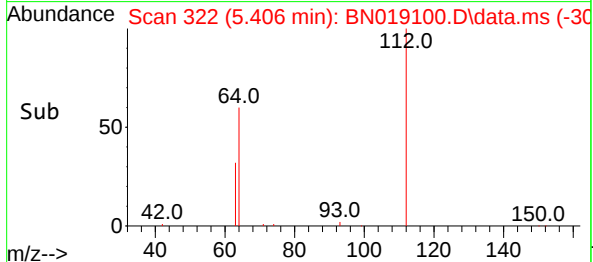
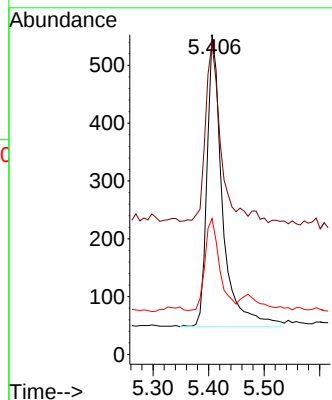
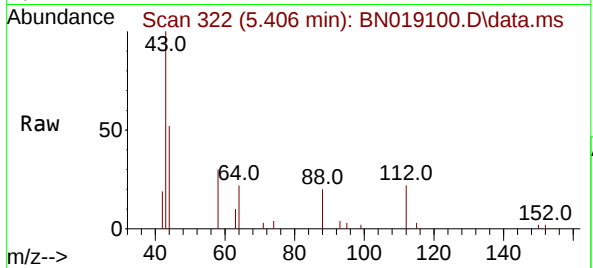




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

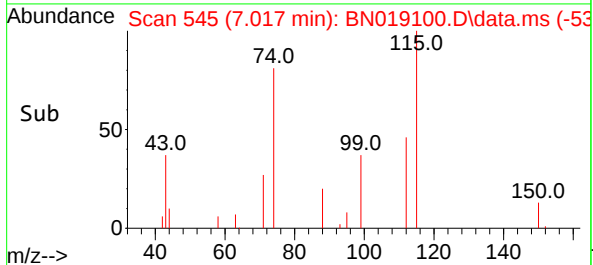
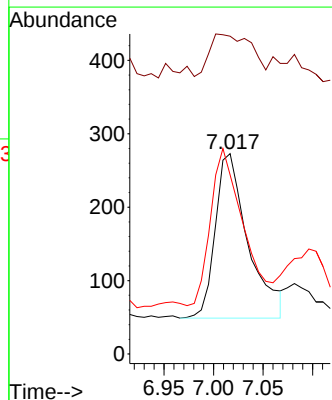
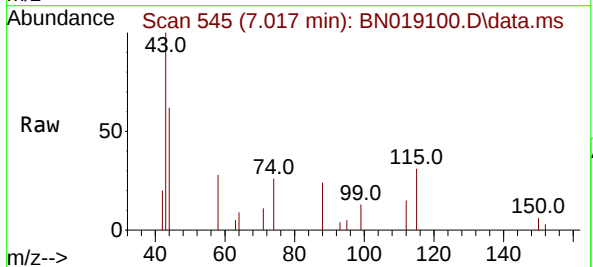
Instrument :
BNA_N
ClientSampleId :
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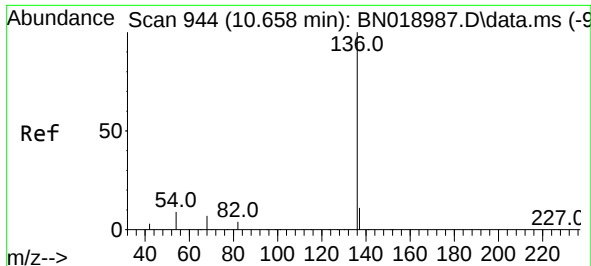
Tgt Ion:112 Resp: 978
Ion Ratio Lower Upper
112 100
64 57.7 47.8 71.8
63 29.9 25.7 38.5



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

Tgt Ion: 99 Resp: 515
Ion Ratio Lower Upper
99 100
42 32.6 16.2 24.4#
71 95.1 27.7 41.5#

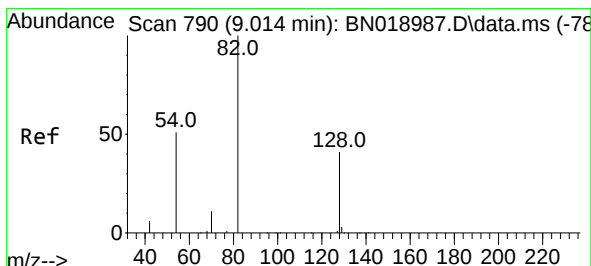
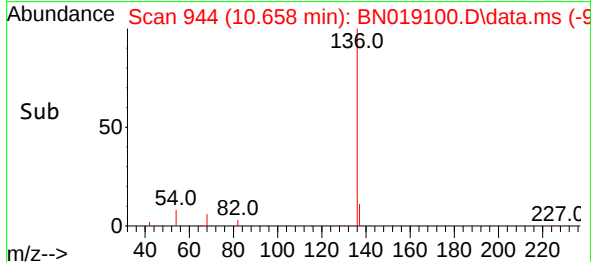
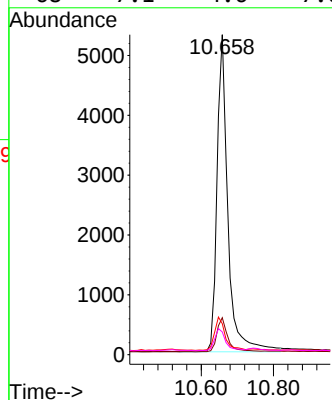
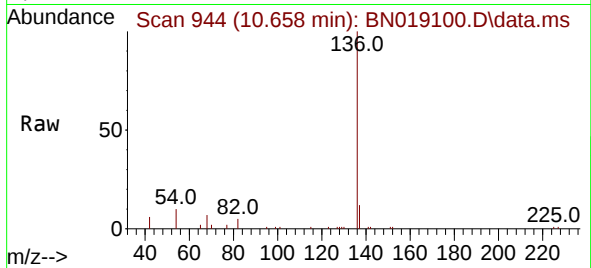




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

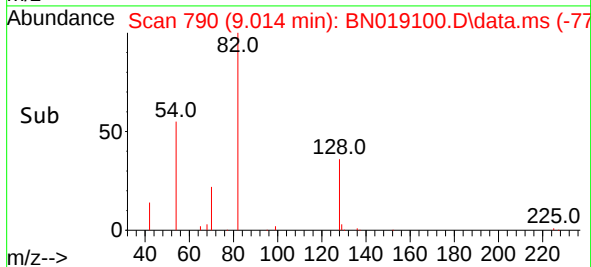
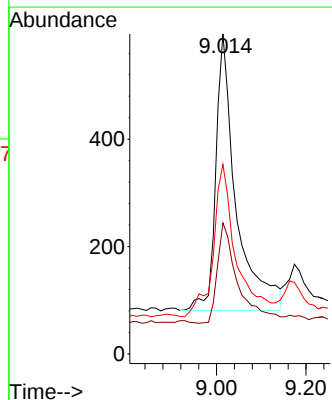
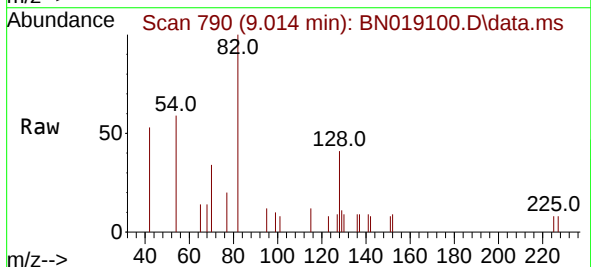
Instrument :
BNA_N
ClientSampleId :
TT180D-20220318

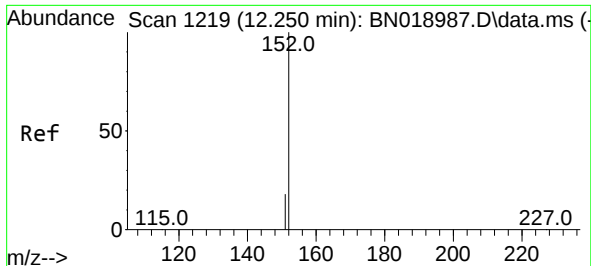
Tgt Ion:	136	Resp:	11021
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.7	5.8	8.6#
68	7.1	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.205 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

Tgt Ion:	82	Resp:	1627
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.6
54	59.2	42.5	63.7

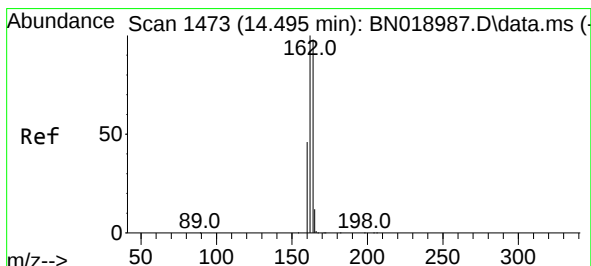
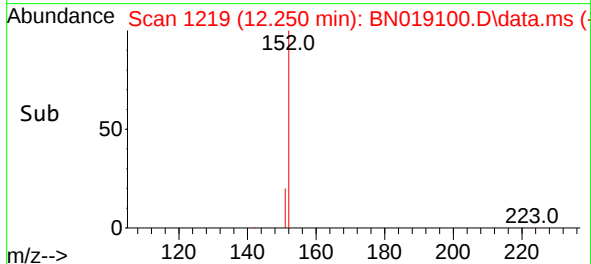
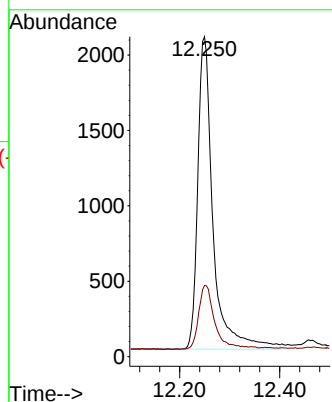
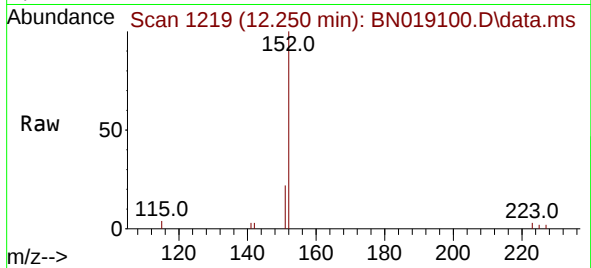




#11
2-Methylnaphthalene-d10
Concen: 0.239 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

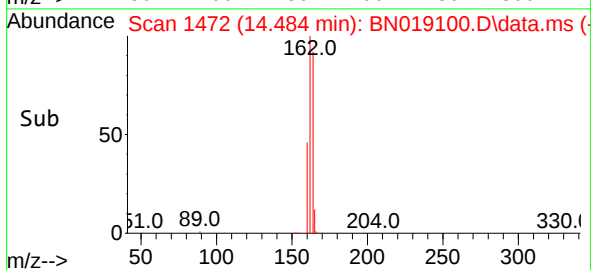
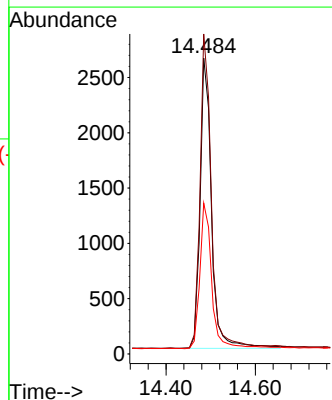
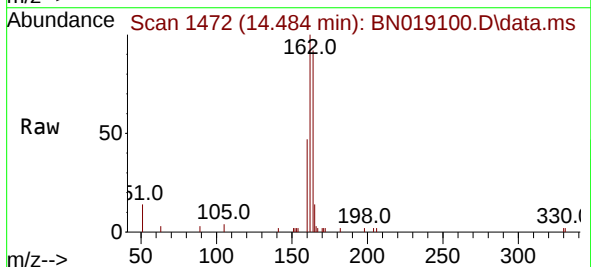
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BNA_N
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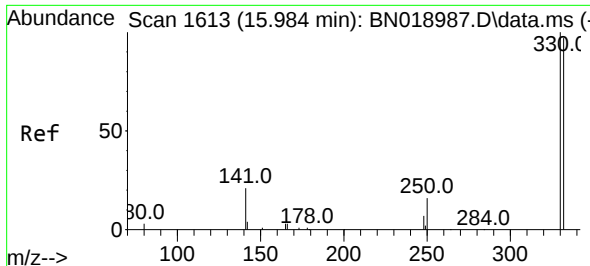
Tgt Ion:152 Resp: 4371
Ion Ratio Lower Upper
152 100
151 22.0 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

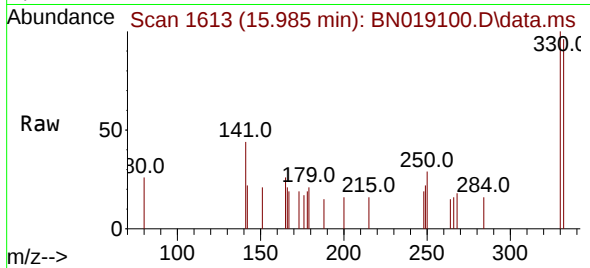
Tgt Ion:164 Resp: 4670
Ion Ratio Lower Upper
164 100
162 108.1 85.2 127.8
160 51.0 41.5 62.3



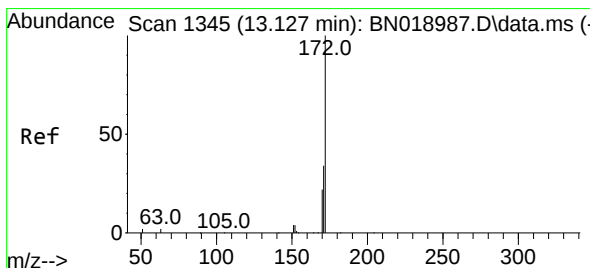
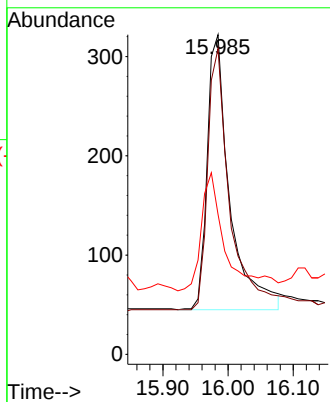
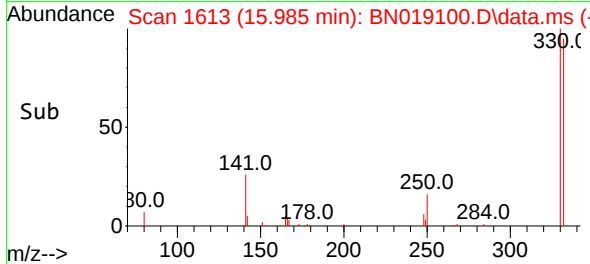


#14
 2,4,6-Tribromophenol
 Concen: 0.296 ng
 RT: 15.985 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BN019100.D
 Acq: 23 Mar 2022 20:12

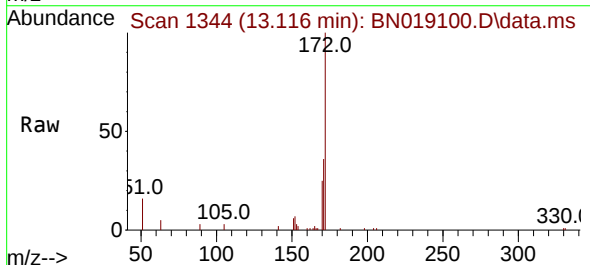
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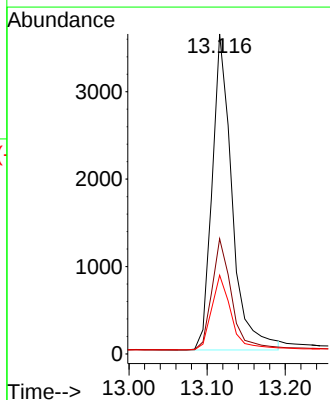
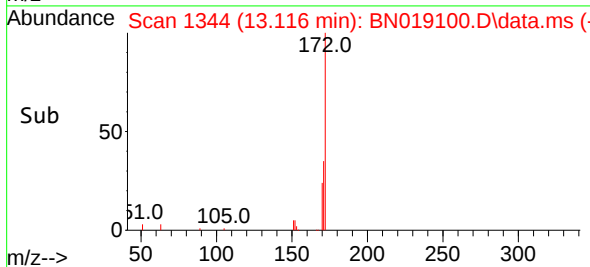
Tgt Ion:330 Resp: 667
 Ion Ratio Lower Upper
 330 100
 332 93.0 76.8 115.2
 141 45.9 32.2 48.2

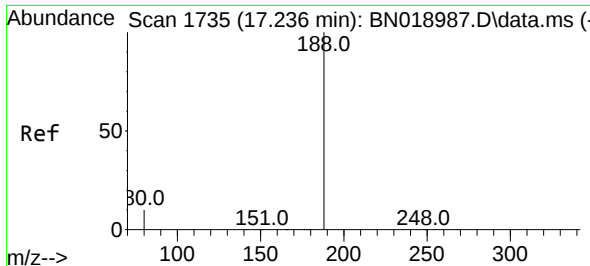


#15
 2-Fluorobiphenyl
 Concen: 0.342 ng
 RT: 13.116 min Scan# 1344
 Delta R.T. -0.011 min
 Lab File: BN019100.D
 Acq: 23 Mar 2022 20:12



Tgt Ion:172 Resp: 6411
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.2 42.2
 170 24.6 18.7 28.1

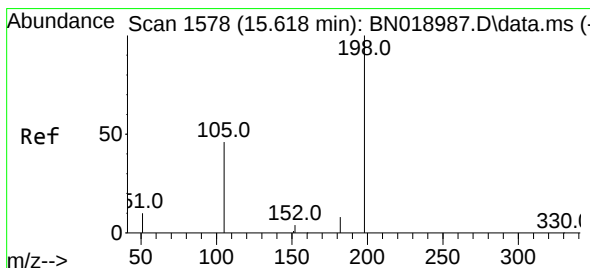
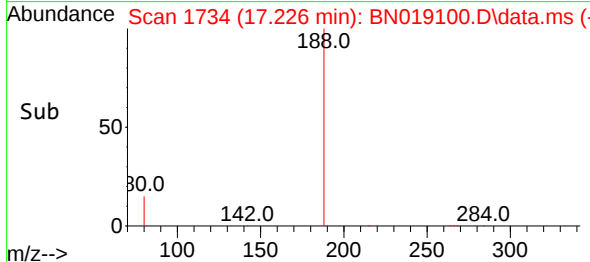
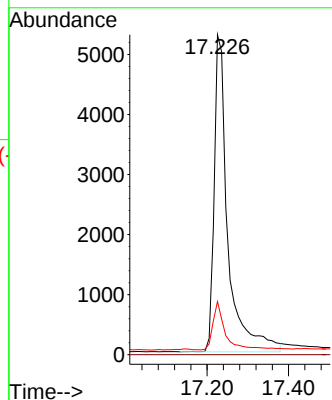
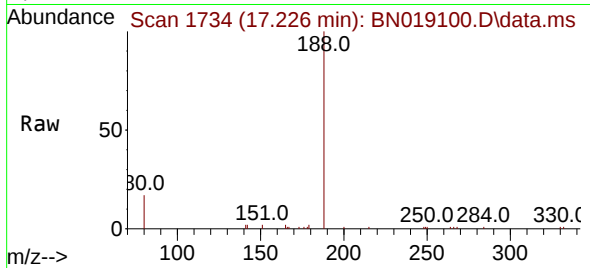




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

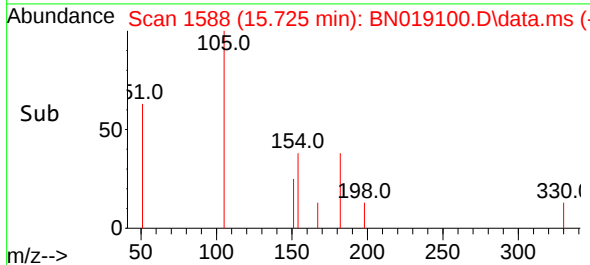
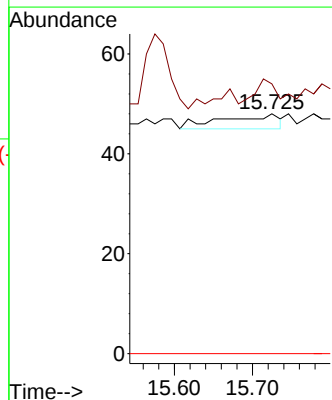
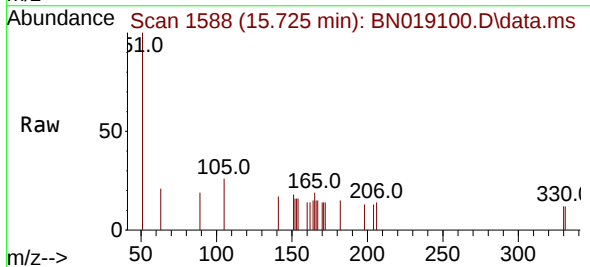
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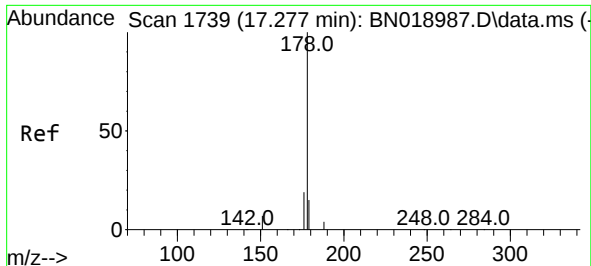
Tgt Ion:188 Resp: 12354
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.6 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.116 ng
RT: 15.725 min Scan# 1588
Delta R.T. 0.107 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 112.5 13.0 19.4#
77 0.0 0.0 0.0

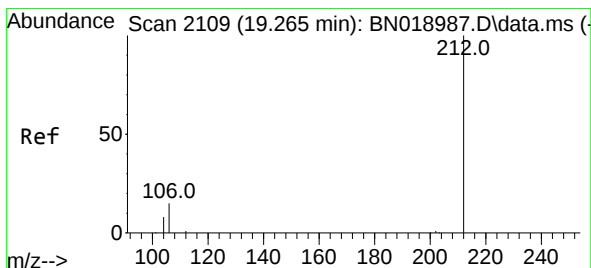
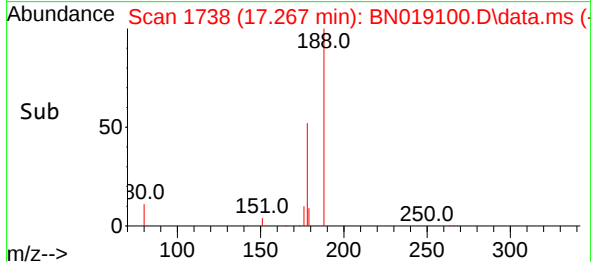
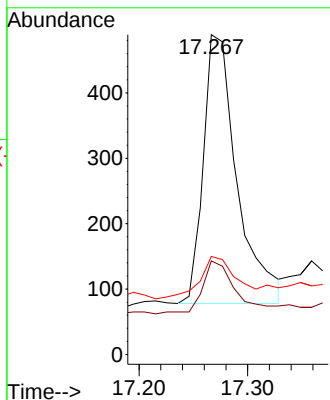
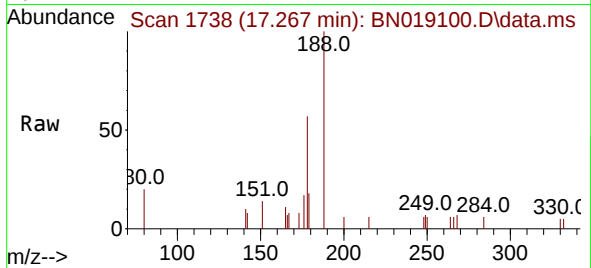




#25
Phenanthrene
Concen: 0.023 ng
RT: 17.267 min Scan# 1738
Delta R.T. -0.010 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

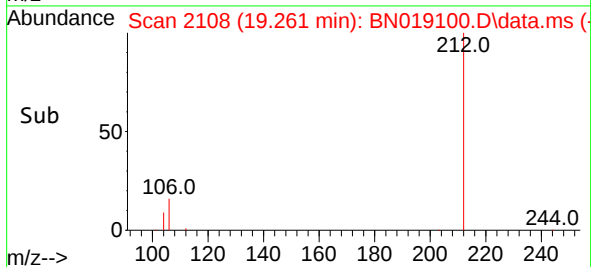
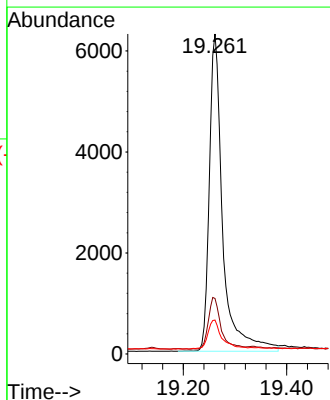
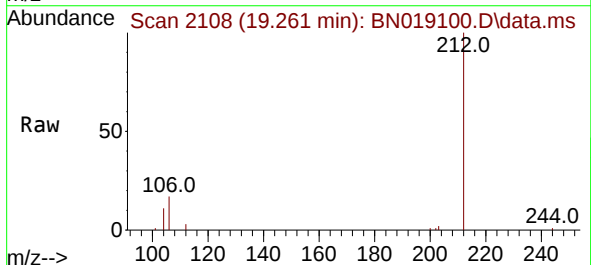
Instrument :
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TT180D-20220318

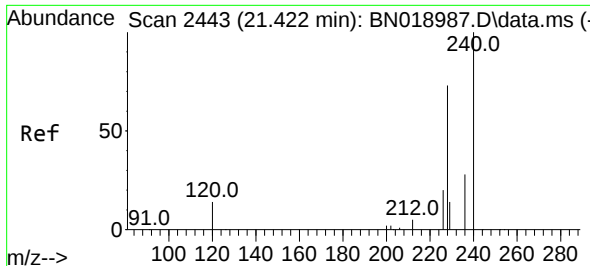
Tgt Ion:	178	Resp:	891
Ion Ratio	Lower	Upper	
178	100		
176	21.8	15.4	23.0
179	16.9	12.2	18.2



#27
Fluoranthene-d10
Concen: 0.308 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

Tgt Ion:	212	Resp:	11286
Ion Ratio	Lower	Upper	
212	100		
106	15.5	12.7	19.1
104	9.6	7.1	10.7

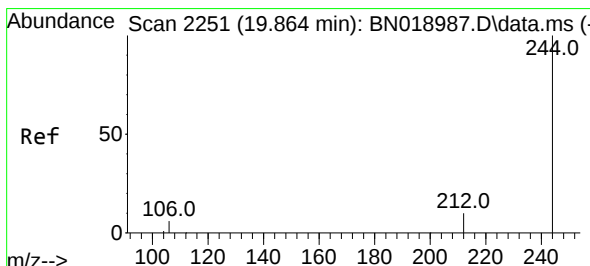
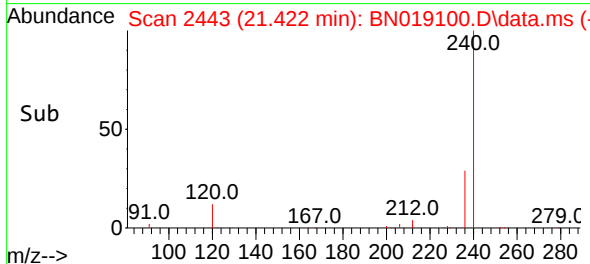
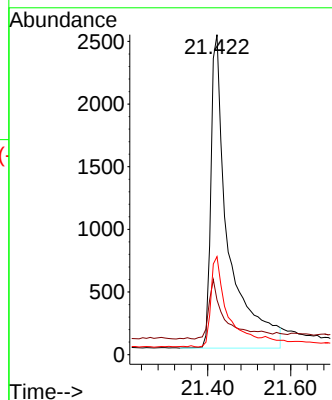
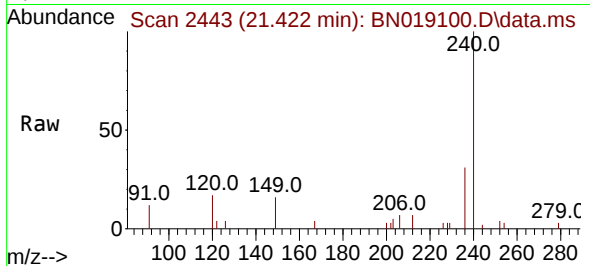




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

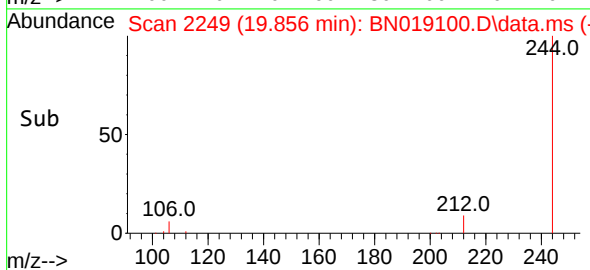
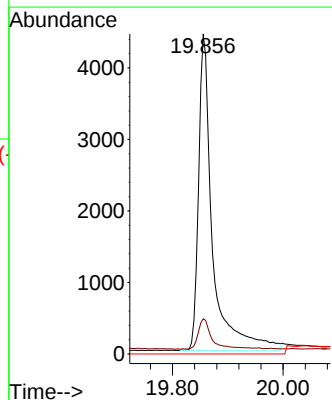
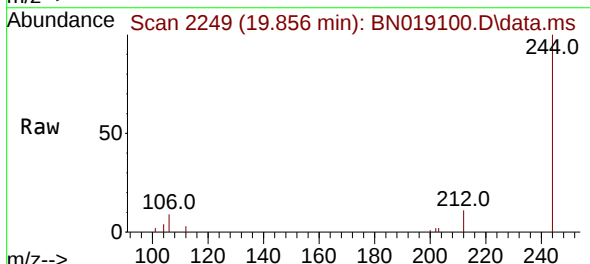
Instrument :
BNA_N
ClientSampleId :
TT180D-20220318

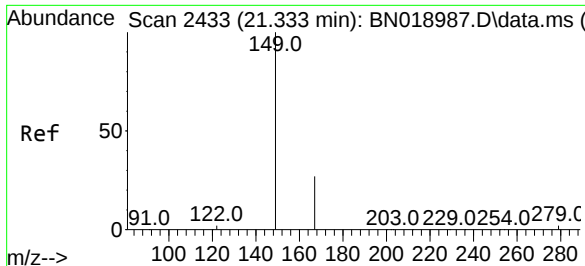
Tgt Ion:240 Resp: 7291
Ion Ratio Lower Upper
240 100
120 17.1 8.5 12.7#
236 30.6 22.4 33.6



#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.856 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

Tgt Ion:244 Resp: 7744
Ion Ratio Lower Upper
244 100
212 11.0 8.2 12.4
122 0.0 0.0 0.0

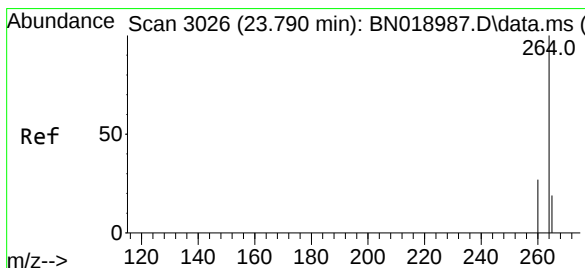
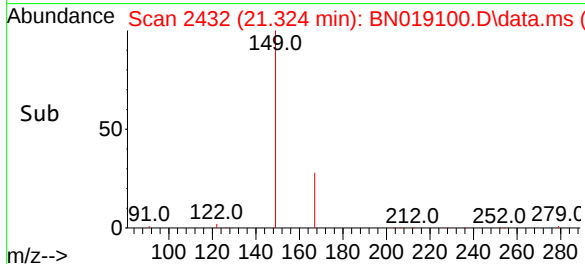
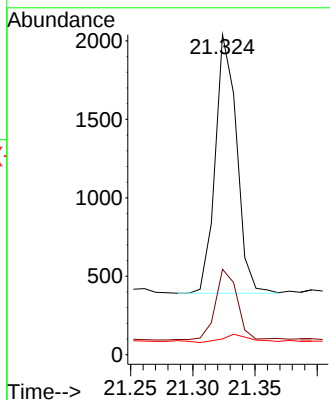
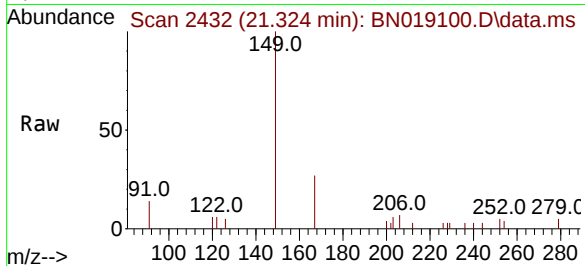




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.133 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

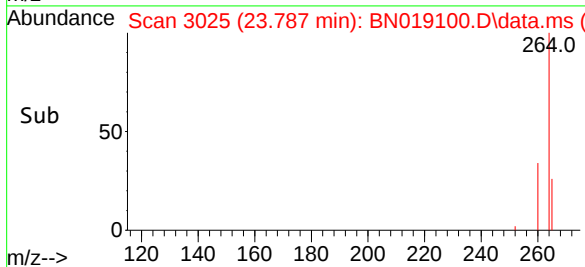
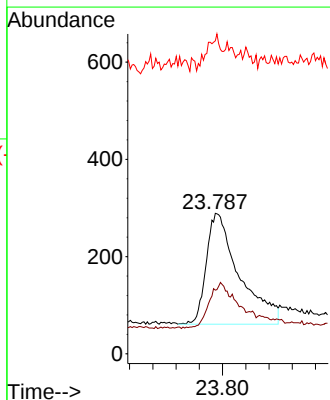
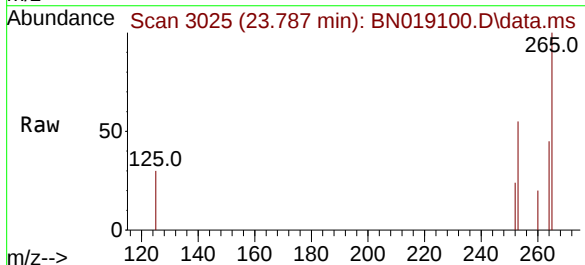
Instrument :
BNA_N
ClientSampleId :
TT180D-20220318

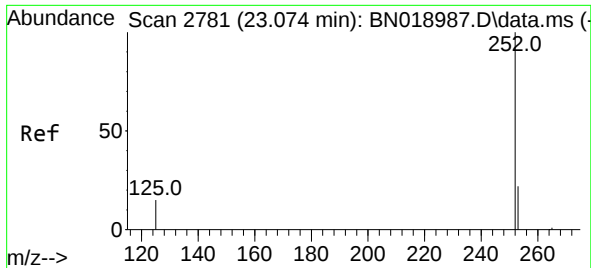
Tgt Ion:149 Resp: 1974
Ion Ratio Lower Upper
149 100
167 28.4 21.8 32.8
279 4.2 2.0 3.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.787 min Scan# 3025
Delta R.T. -0.003 min
Lab File: BN019100.D
Acq: 23 Mar 2022 20:12

Tgt Ion:264 Resp: 900
Ion Ratio Lower Upper
264 100
260 45.3 22.4 33.6#
265 222.8 25.3 37.9#





#37

Benzo(b)fluoranthene

Concen: 0.032 ng

RT: 23.071 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN019100.D

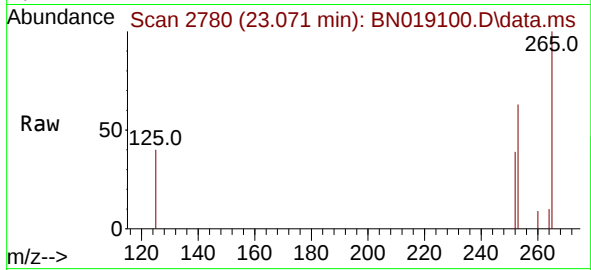
Acq: 23 Mar 2022 20:12

Instrument :

BNA_N

ClientSampleId :

TT180D-20220318



Tgt Ion:252 Resp: 106

Ion Ratio Lower Upper

252 100

253 162.7 18.9 28.3#

125 103.6 12.1 18.1#

