

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021361.D
 Acq On : 25 Aug 2022 07:49
 Operator : CG/JU
 Sample : N4245-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20220816

Quant Time: Aug 25 08:16:06 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 06:55:06 2022
 Response via : Initial Calibration

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

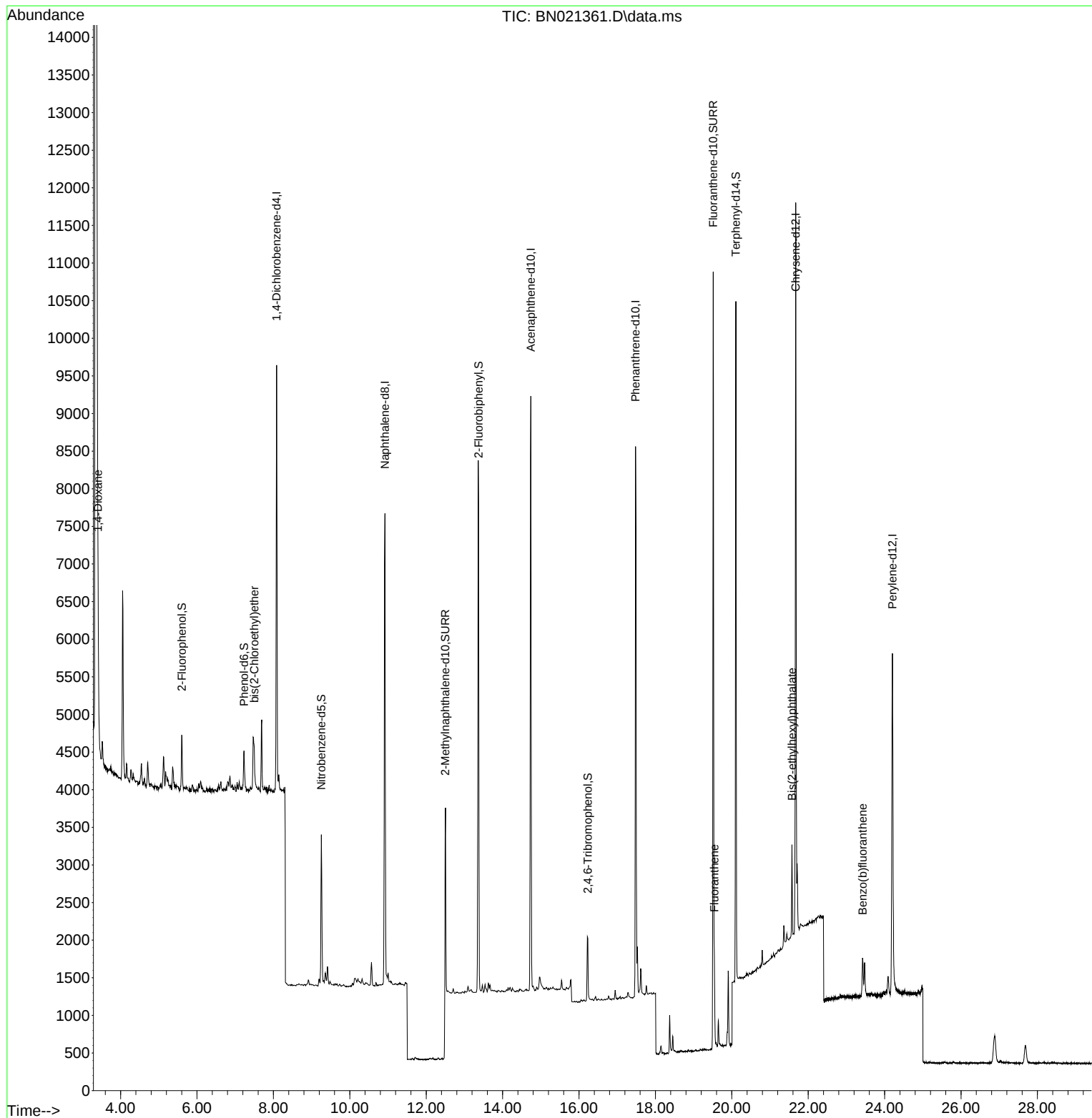
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	2769	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	8789	0.400	ng	# 0.00
13) Acenaphthene-d10	14.739	164	4782	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	10156	0.400	ng	#-0.01
29) Chrysene-d12	21.673	240	8782	0.400	ng	# 0.00
35) Perylene-d12	24.203	264	7142	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	658	0.088	ng	0.00
5) Phenol-d6	7.231	99	500	0.053	ng	0.00
8) Nitrobenzene-d5	9.254	82	1726	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	5359	0.361	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	552	0.252	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	6591	0.308	ng	0.00
27) Fluoranthene-d10	19.514	212	10815	0.356	ng	0.00
31) Terphenyl-d14	20.106	244	7723	0.416	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	525	0.137	ng	98
6) bis(2-Chloroethyl)ether	7.498	93	267	0.028	ng	94
28) Fluoranthene	19.544	202	891	0.022	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.575	149	1208	0.075	ng	# 97
37) Benzo(b)fluoranthene	23.425	252	729	0.023	ng	# 28

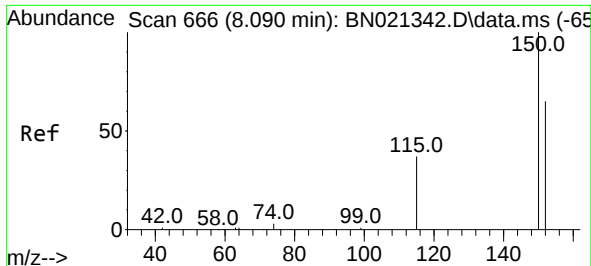
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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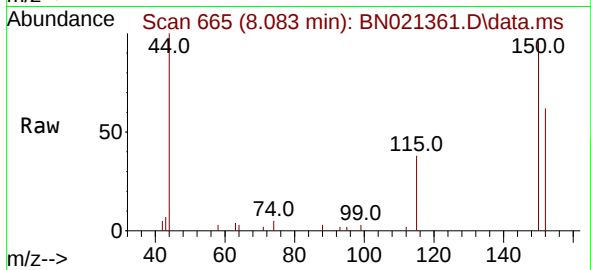
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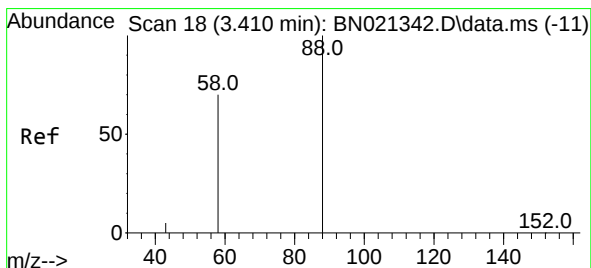
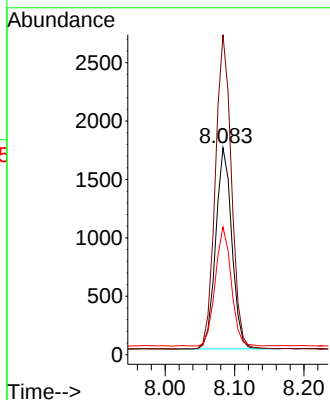
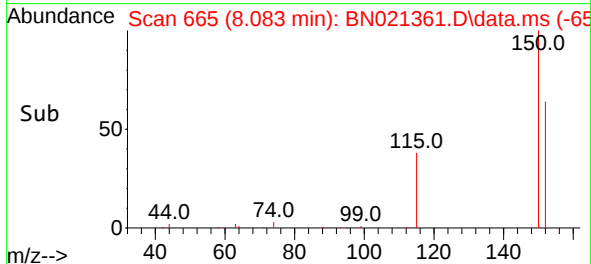


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 666
 Delta R.T. -0.007 min
 Lab File: BN021361.D
 Acq: 25 Aug 2022 07:49

Instrument :
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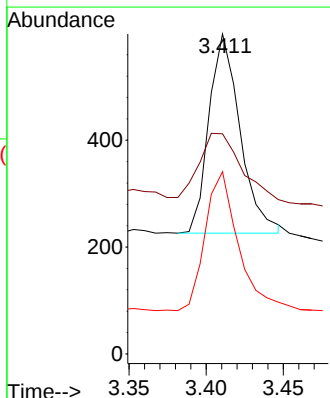
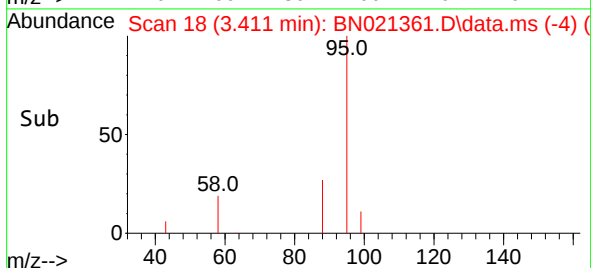
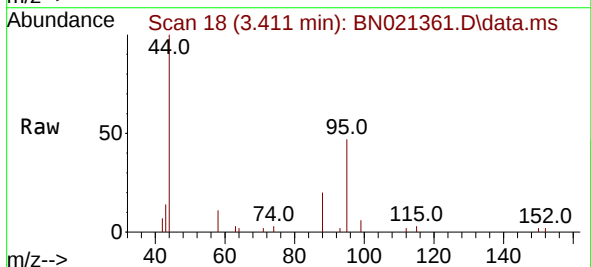


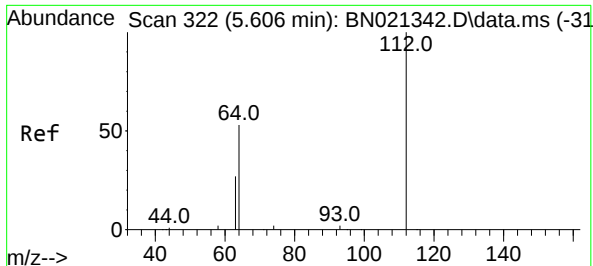
Tgt Ion:152 Resp: 2769
 Ion Ratio Lower Upper
 152 100
 150 154.6 121.4 182.0
 115 61.7 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.137 ng
 RT: 3.411 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN021361.D
 Acq: 25 Aug 2022 07:49

Tgt Ion: 88 Resp: 525
 Ion Ratio Lower Upper
 88 100
 43 43.8 35.8 53.8
 58 73.7 57.1 85.7





#4

2-Fluorophenol

Concen: 0.088 ng

RT: 5.606 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN021361.D

Acq: 25 Aug 2022 07:49

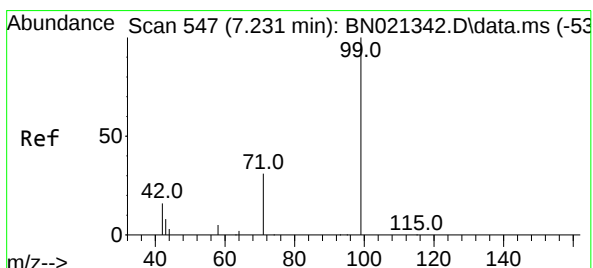
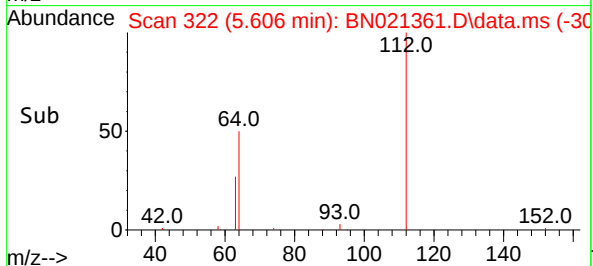
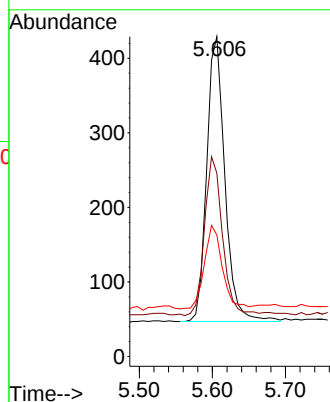
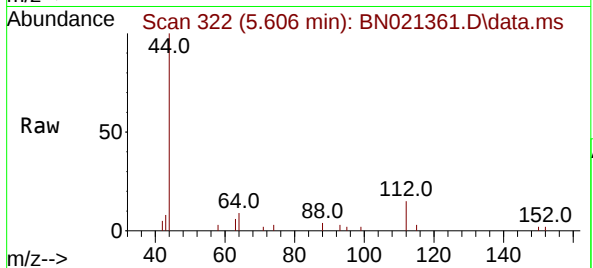
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:	112	Resp:	658
Ion	Ratio	Lower	Upper
112	100		
64	55.3	43.5	65.3
63	29.0	22.6	34.0



#5

Phenol-d6

Concen: 0.053 ng

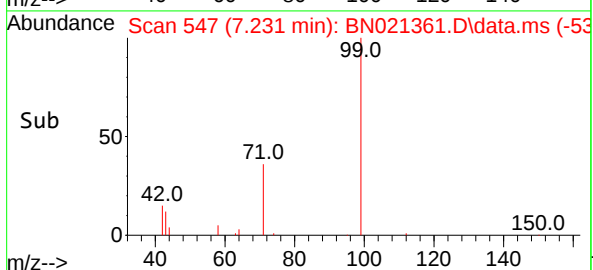
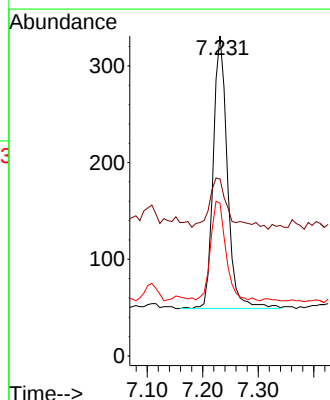
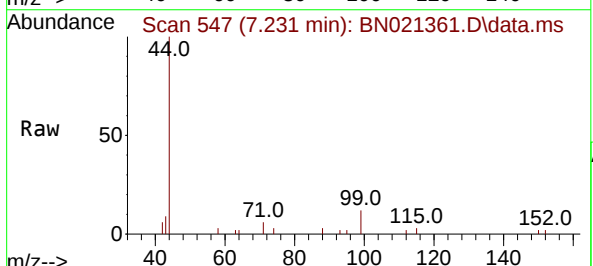
RT: 7.231 min Scan# 547

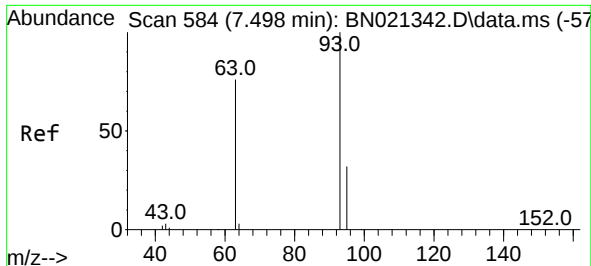
Delta R.T. 0.000 min

Lab File: BN021361.D

Acq: 25 Aug 2022 07:49

Tgt Ion:	99	Resp:	500
Ion	Ratio	Lower	Upper
99	100		
42	25.8	15.5	23.3#
71	39.6	24.2	36.2#

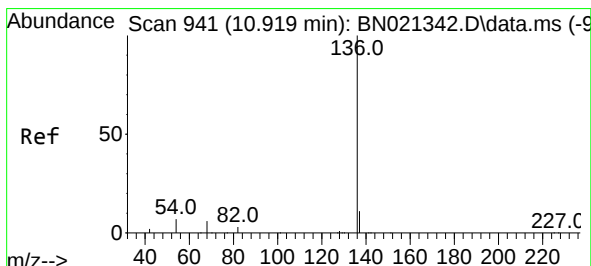
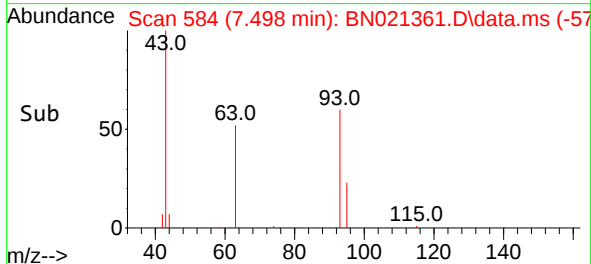
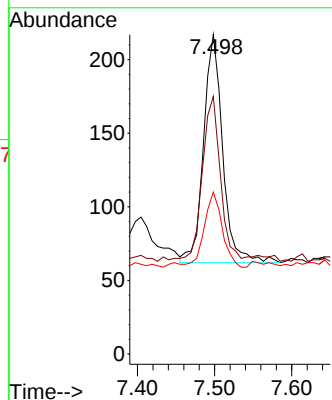
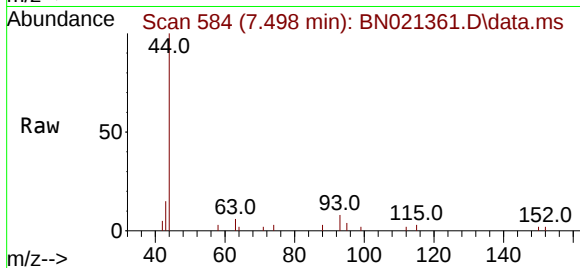




#6
bis(2-Chloroethyl)ether
Concen: 0.028 ng
RT: 7.498 min Scan# 584
Delta R.T. 0.000 min
Lab File: BN021361.D
Acq: 25 Aug 2022 07:49

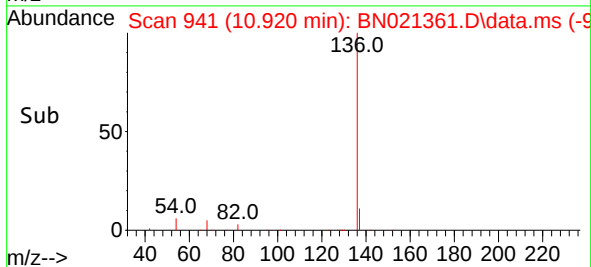
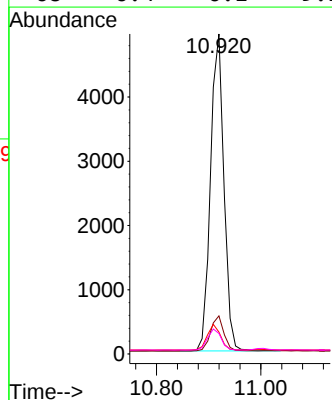
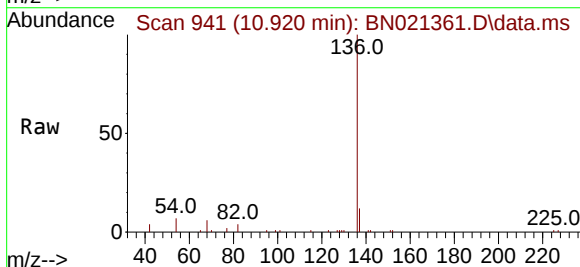
Instrument :
BNA_N
ClientSampleId :
DUP02-20220816

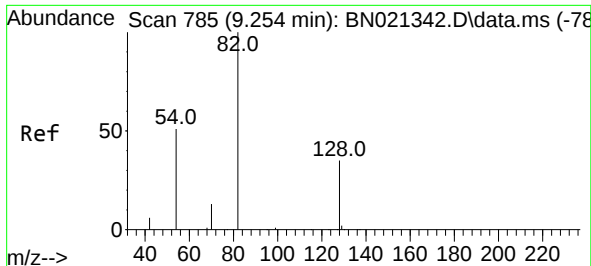
Tgt Ion: 93	Resp:	267	
Ion	Ratio	Lower	Upper
93	100		
63	66.7	57.8	86.8
95	30.3	25.9	38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.920 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021361.D
Acq: 25 Aug 2022 07:49

Tgt	Ion:136	Resp:	8789
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	6.8	6.9	10.3#
68	6.4	6.1	9.1

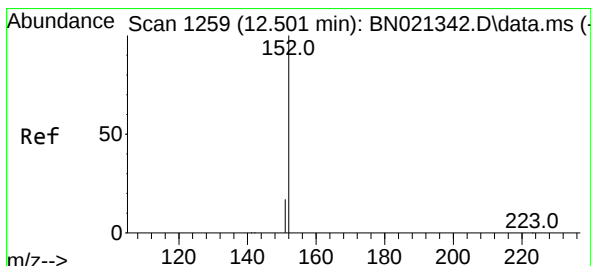
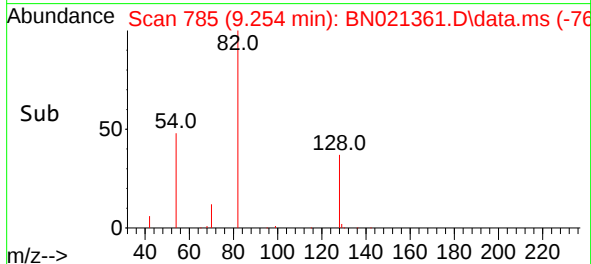
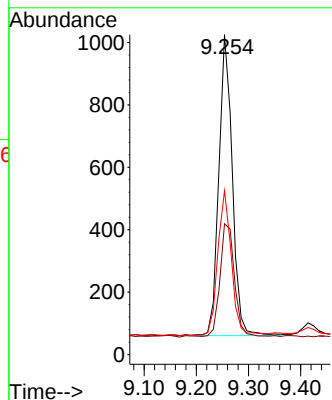
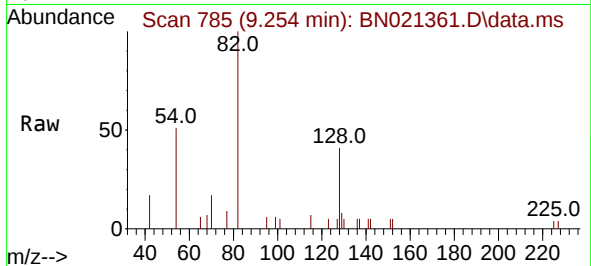




#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021361.D
Acq: 25 Aug 2022 07:49

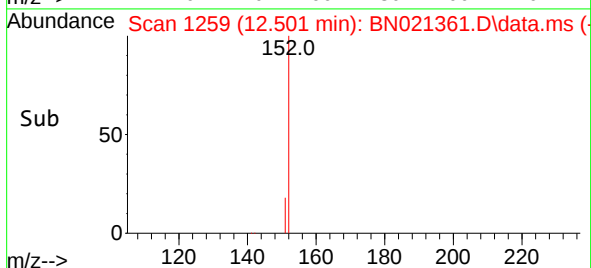
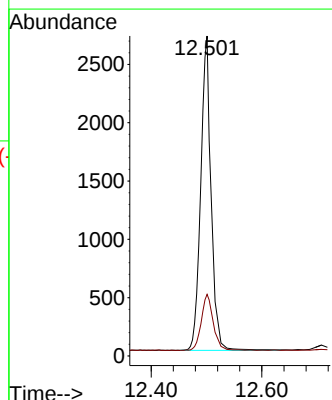
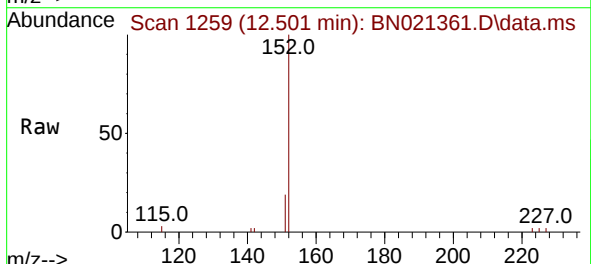
Instrument :
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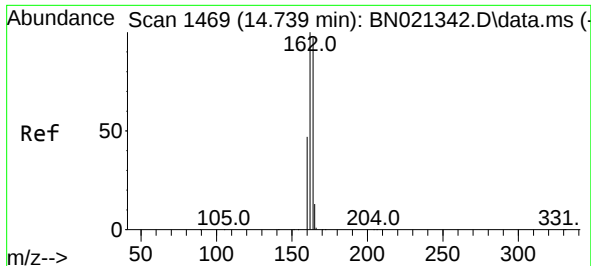
Tgt Ion: 82 Resp: 1726
Ion Ratio Lower Upper
82 100
128 40.9 30.9 46.3
54 51.2 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.501 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BN021361.D
Acq: 25 Aug 2022 07:49

Tgt Ion: 152 Resp: 5359
Ion Ratio Lower Upper
152 100
151 16.6 14.5 21.7

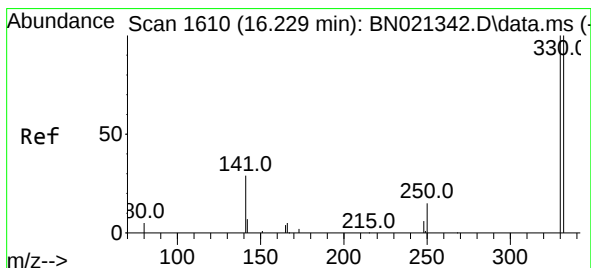
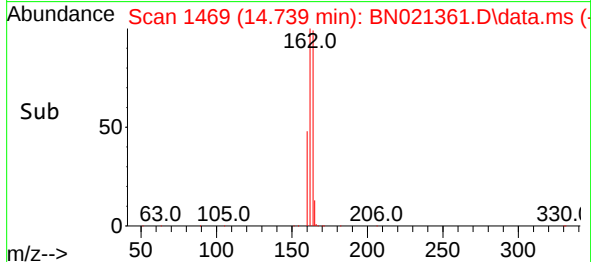
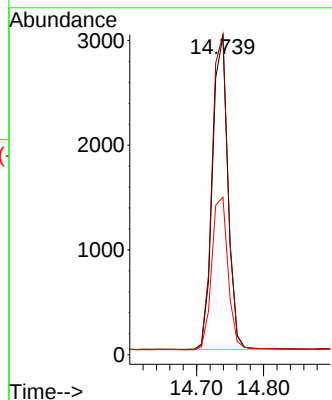
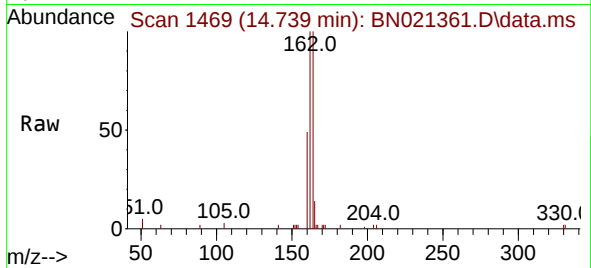




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.739 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BN021361.D
Acq: 25 Aug 2022 07:49

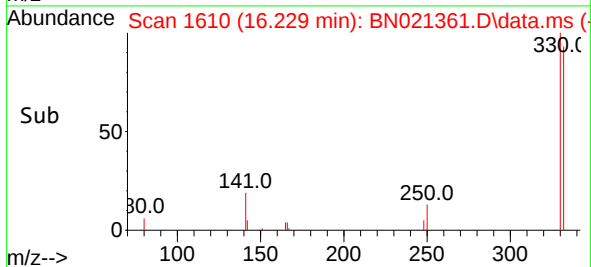
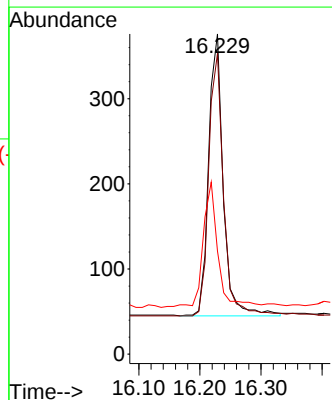
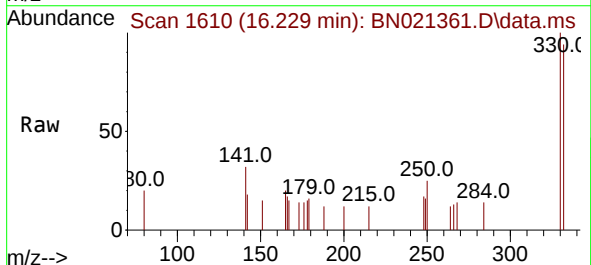
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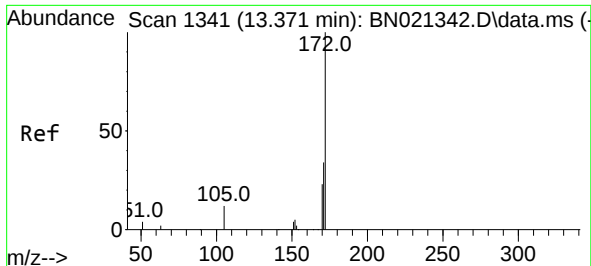
Tgt Ion:164 Resp: 4782
Ion Ratio Lower Upper
164 100
162 100.5 82.2 123.4
160 49.5 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021361.D
Acq: 25 Aug 2022 07:49

Tgt Ion:330 Resp: 552
Ion Ratio Lower Upper
330 100
332 94.4 79.3 118.9
141 43.1 37.1 55.7

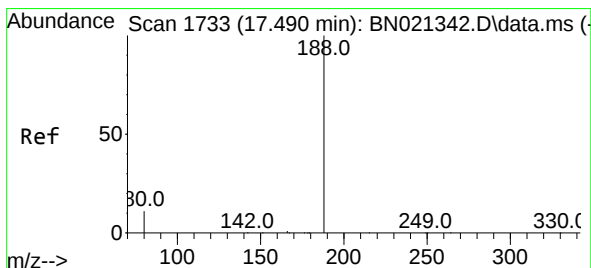
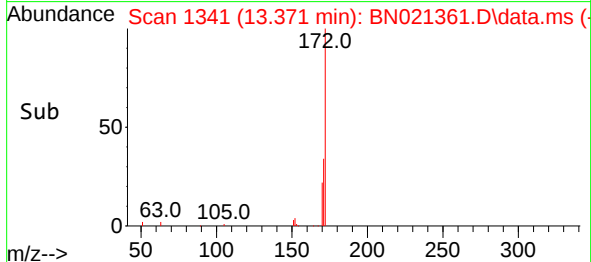
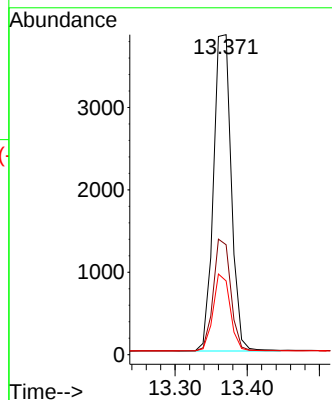
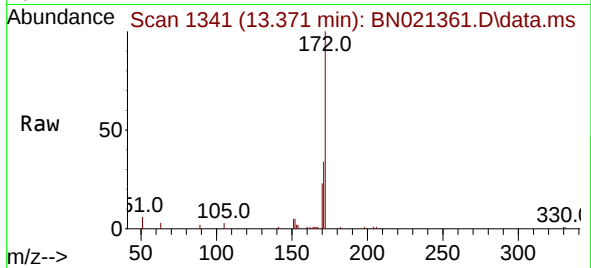




#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.371 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN021361.D
Acq: 25 Aug 2022 07:49

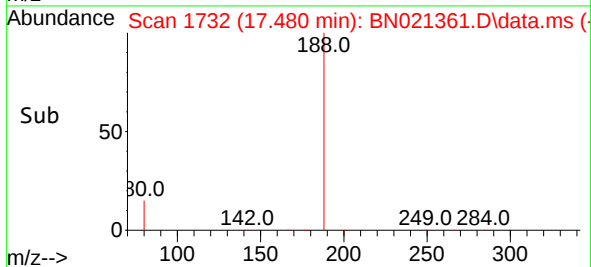
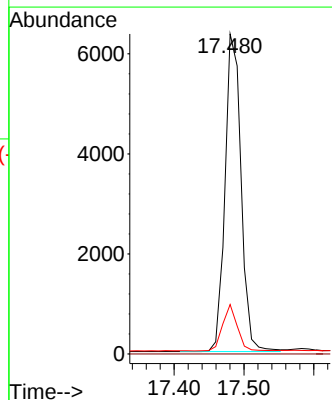
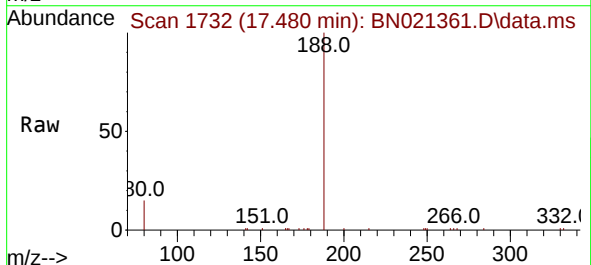
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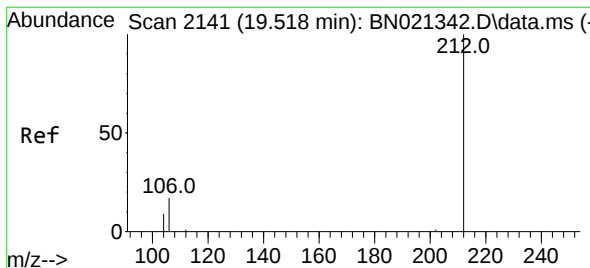
Tgt Ion:	172	Resp:	6591
Ion Ratio	Lower	Upper	
172	100		
171	34.3	27.8	41.6
170	23.0	18.6	28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.010 min
Lab File: BN021361.D
Acq: 25 Aug 2022 07:49

Tgt Ion:	188	Resp:	10156
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.5	9.5	14.3

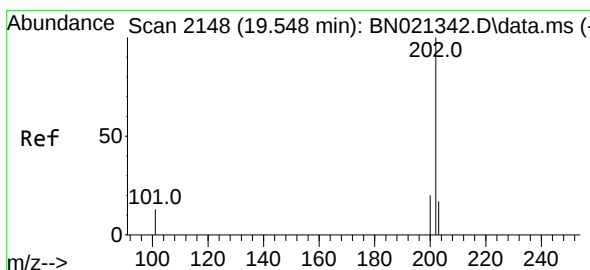
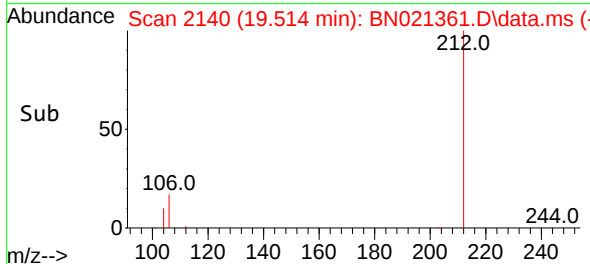
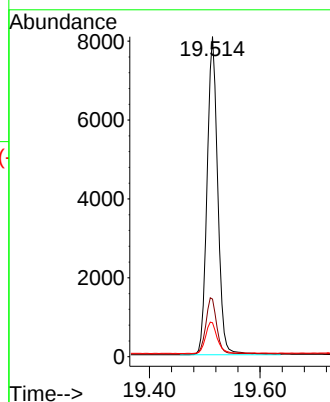
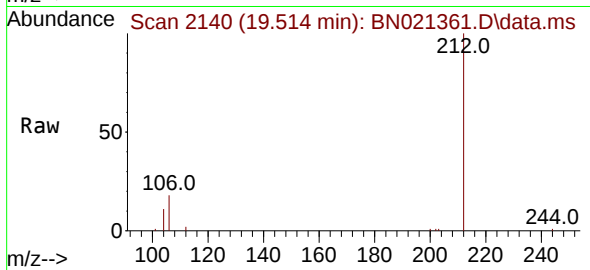




#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.514 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BN021361.D
Acq: 25 Aug 2022 07:49

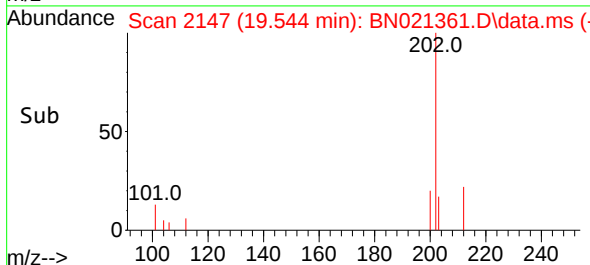
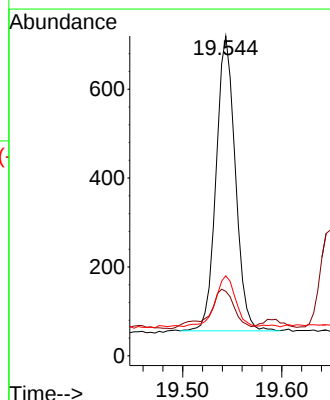
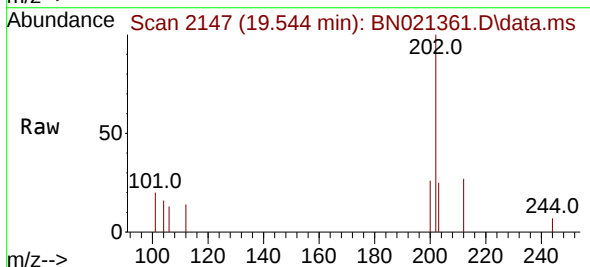
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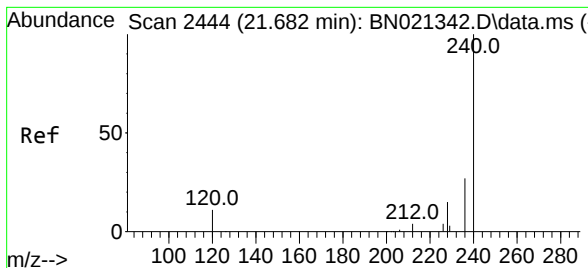
Tgt Ion:212 Resp: 10815
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.7 7.8 11.6



#28
Fluoranthene
Concen: 0.022 ng
RT: 19.544 min Scan# 2147
Delta R.T. -0.004 min
Lab File: BN021361.D
Acq: 25 Aug 2022 07:49

Tgt Ion:202 Resp: 891
Ion Ratio Lower Upper
202 100
101 17.6 10.9 16.3#
203 18.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.673 min Scan# 2443

Delta R.T. -0.009 min

Lab File: BN021361.D

Acq: 25 Aug 2022 07:49

Instrument :

BNA_N

ClientSampleId :

DUP02-20220816

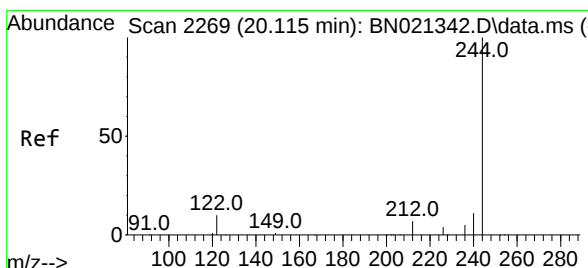
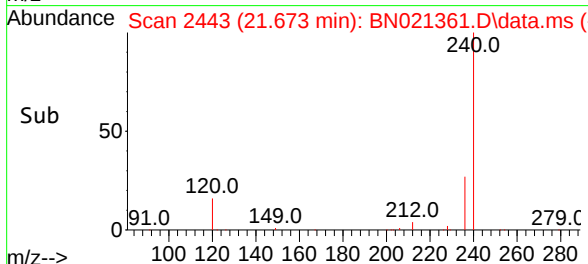
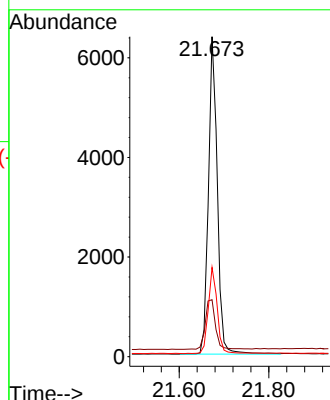
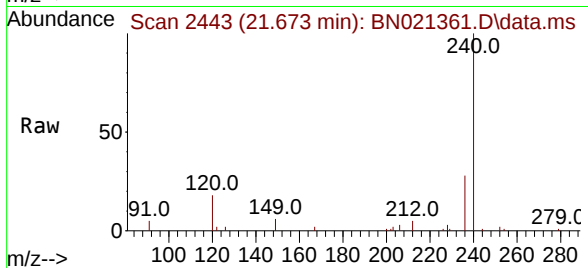
Tgt Ion:240 Resp: 8782

Ion Ratio Lower Upper

240 100

120 17.8 10.2 15.4#

236 27.9 22.1 33.1



#31

Terphenyl-d14

Concen: 0.416 ng

RT: 20.106 min Scan# 2268

Delta R.T. -0.009 min

Lab File: BN021361.D

Acq: 25 Aug 2022 07:49

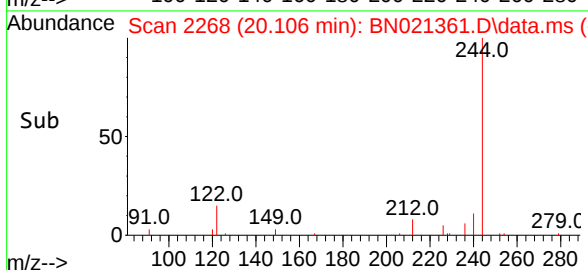
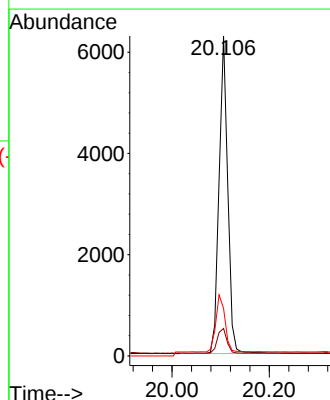
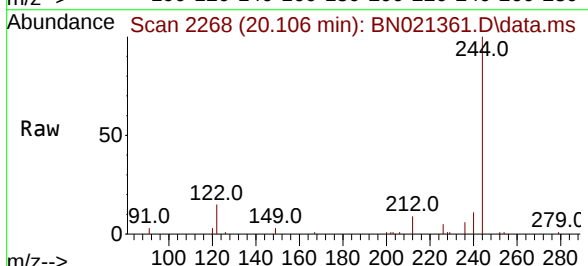
Tgt Ion:244 Resp: 7723

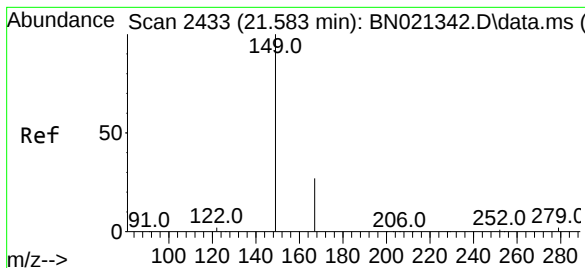
Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

122 14.8 9.1 13.7#

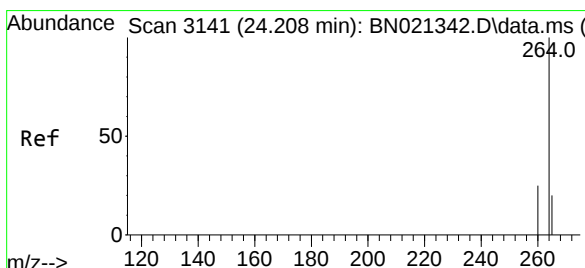
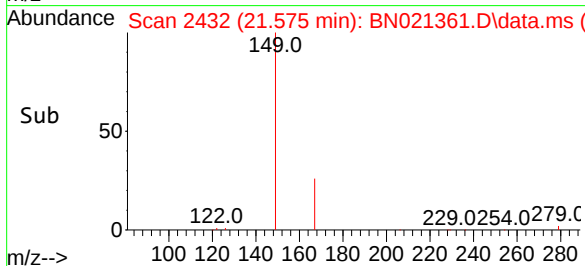
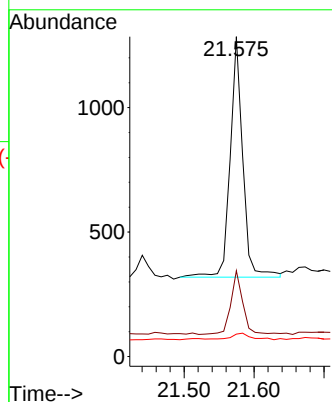
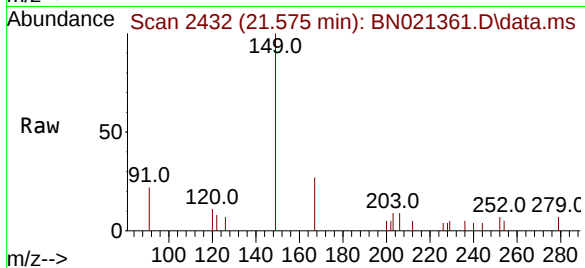




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.575 min Scan# 2433
 Delta R.T. -0.009 min
 Lab File: BN021361.D
 Acq: 25 Aug 2022 07:49

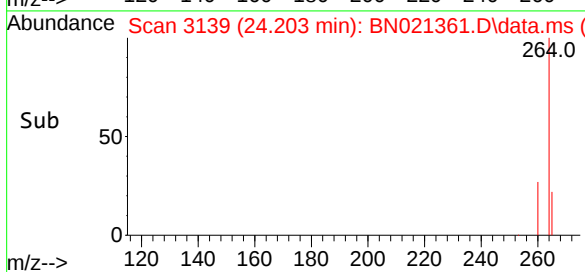
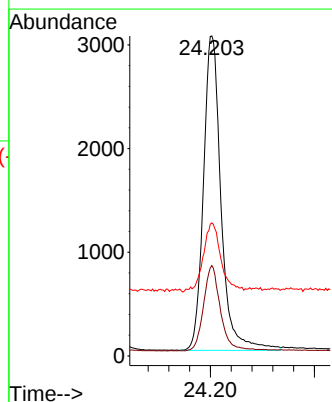
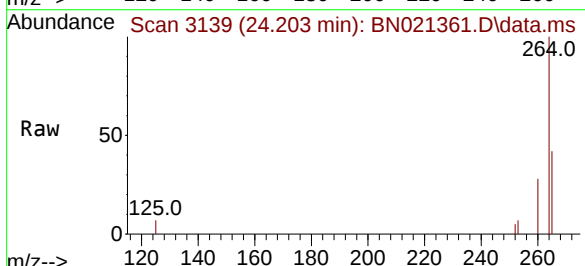
Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20220816

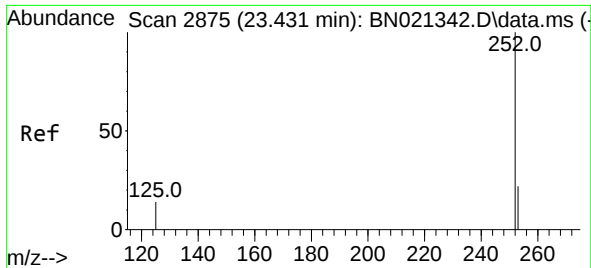
Tgt Ion:149 Resp: 1208
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.4 32.0
 279 3.9 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.203 min Scan# 3139
 Delta R.T. -0.006 min
 Lab File: BN021361.D
 Acq: 25 Aug 2022 07:49

Tgt Ion:264 Resp: 7142
 Ion Ratio Lower Upper
 264 100
 260 28.3 21.0 31.6
 265 41.6 32.2 48.2





#37

Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 23.425 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN021361.D

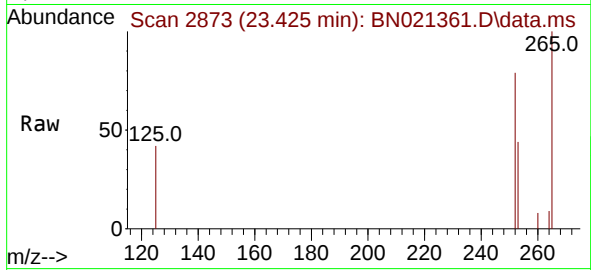
Acq: 25 Aug 2022 07:49

Instrument :

BNA_N

ClientSampleId :

DUP02-20220816



Tgt Ion:252 Resp: 729

Ion Ratio Lower Upper

252 100

253 56.5 19.8 29.6#

125 53.8 13.7 20.5#

