

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080723\
 Data File : BN026833.D
 Acq On : 07 Aug 2023 16:29
 Operator : MA/JU
 Sample : 03862-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FIELD-BLANK-1

Quant Time: Aug 08 00:50:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 00:35:47 2023
 Response via : Initial Calibration

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

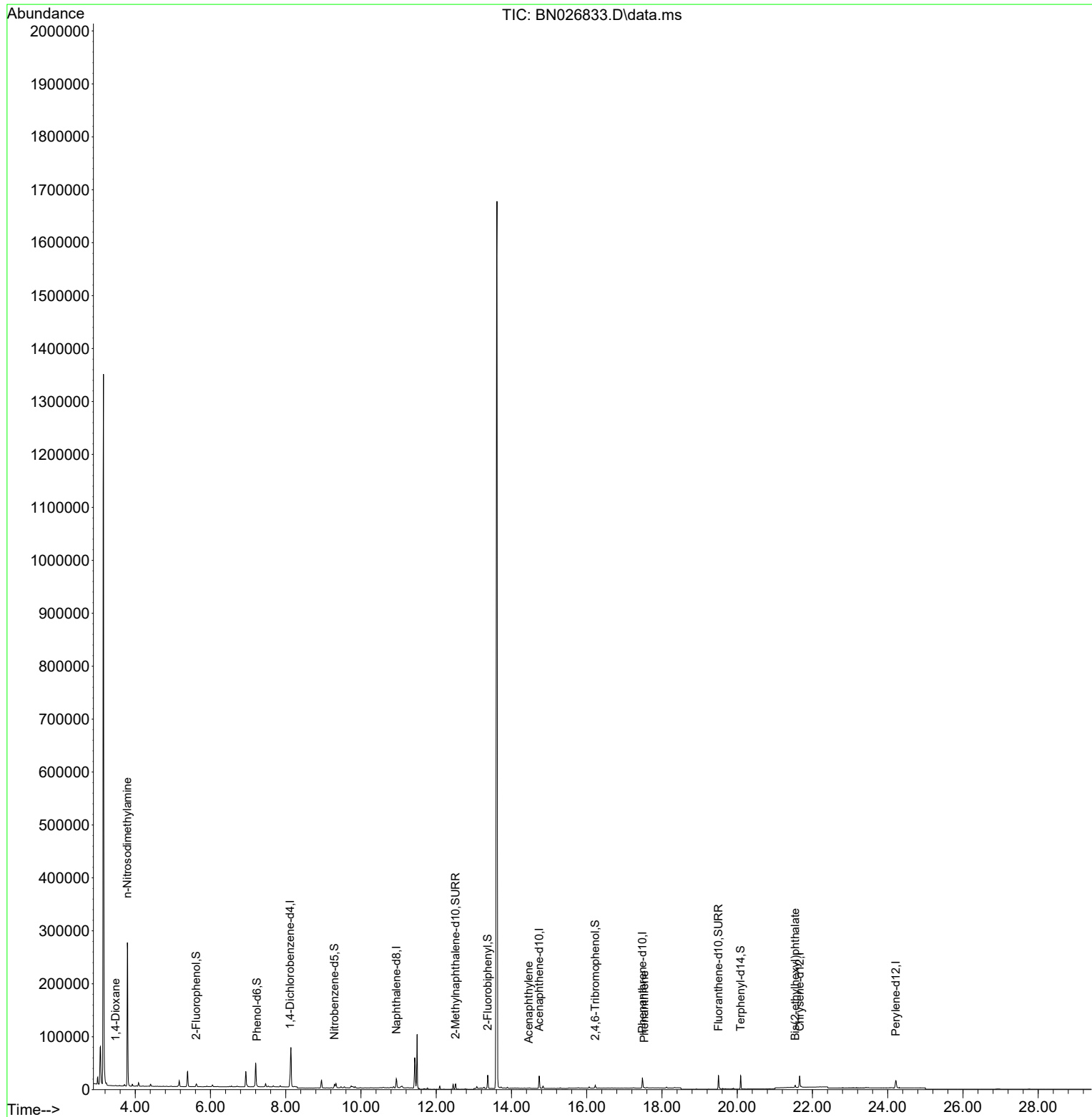
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	8282	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	24003	0.400	ng	-0.01
13) Acenaphthene-d10	14.737	164	13058	0.400	ng	-0.01
19) Phenanthrene-d10	17.480	188	26654	0.400	ng	-0.01
29) Chrysene-d12	21.659	240	21170	0.400	ng	#-0.02
35) Perylene-d12	24.215	264	22662	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	3102	0.148	ng	0.00
5) Phenol-d6	7.235	99	1799	0.066	ng	0.00
8) Nitrobenzene-d5	9.294	82	6034	0.425	ng	-0.01
11) 2-Methylnaphthalene-d10	12.513	152	13126	0.381	ng	-0.01
14) 2,4,6-Tribromophenol	16.226	330	1189	0.267	ng	0.00
15) 2-Fluorobiphenyl	13.368	172	20791	0.390	ng	-0.01
27) Fluoranthene-d10	19.504	212	27885	0.436	ng	0.00
31) Terphenyl-d14	20.090	244	25129	0.569	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.480	88	333	0.034	ng	# 1
3) n-Nitrosodimethylamine	3.790	42	17802	1.650	ng	# 1
16) Acenaphthylene	14.459	152	1305	0.020	ng	# 73
25) Phenanthrene	17.530	178	1632	0.020	ng	96
34) Bis(2-ethylhexyl)phtha...	21.542	149	4214	0.175	ng	# 100

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

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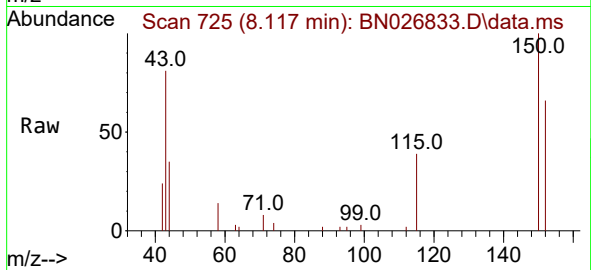
Quant Time: Aug 08 00:50:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration



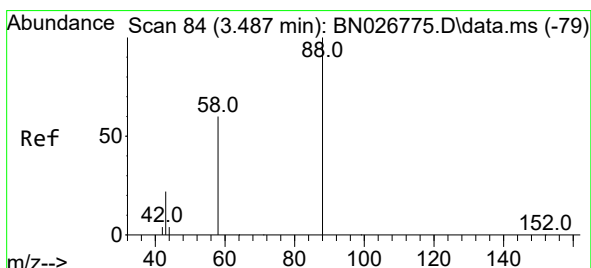
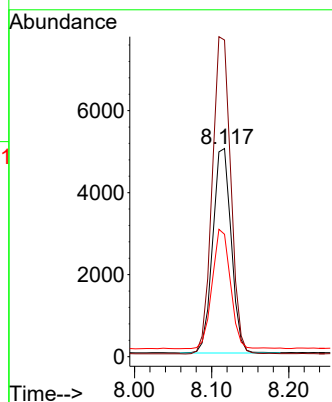
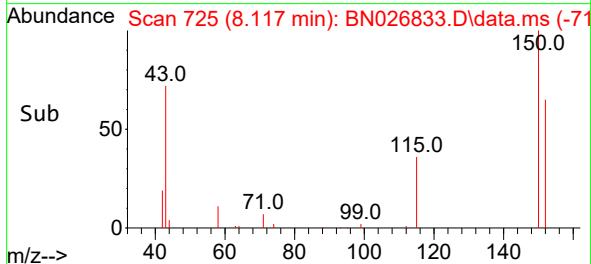


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.117 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN026833.D
 Acq: 07 Aug 2023 16:29

Instrument :
 BNA_N
 ClientSampleId :
 FIELD-BLANK-1

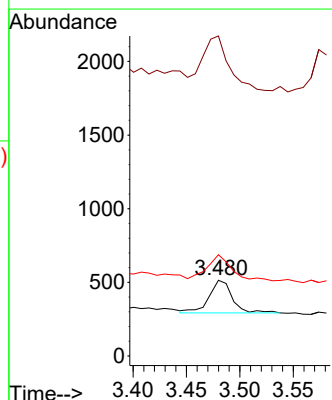
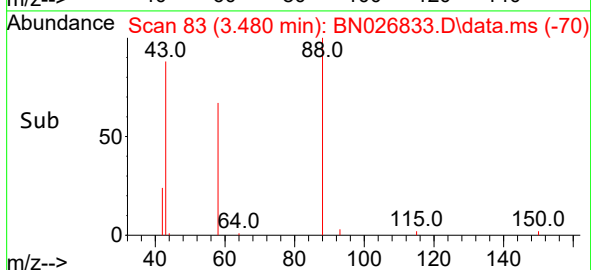
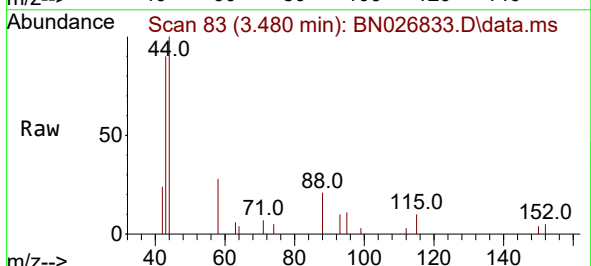


Tgt Ion:152 Resp: 8282
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.8 185.8
 115 58.8 48.0 72.0



#2
 1,4-Dioxane
 Concen: 0.034 ng
 RT: 3.480 min Scan# 83
 Delta R.T. -0.007 min
 Lab File: BN026833.D
 Acq: 07 Aug 2023 16:29

Tgt Ion: 88 Resp: 333
 Ion Ratio Lower Upper
 88 100
 43 194.0 21.7 32.5#
 58 85.0 53.3 79.9#

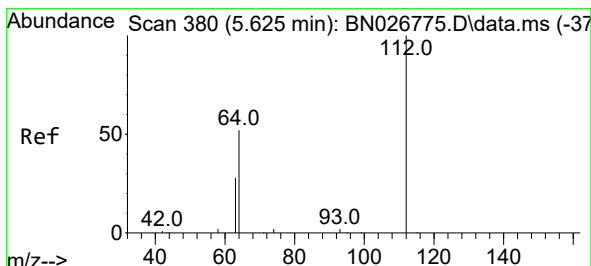
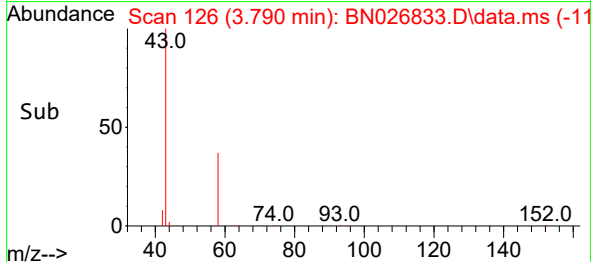
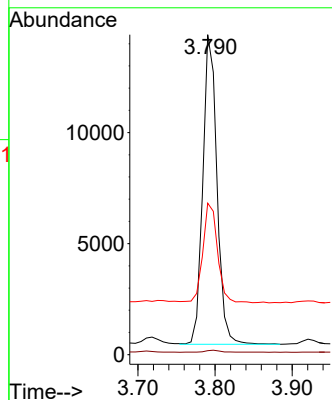
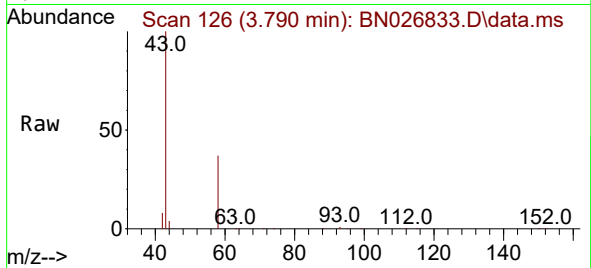




#3
n-Nitrosodimethylamine
Concen: 1.650 ng
RT: 3.790 min Scan# 11
Delta R.T. -0.036 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

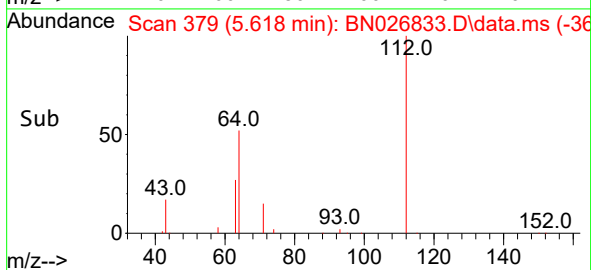
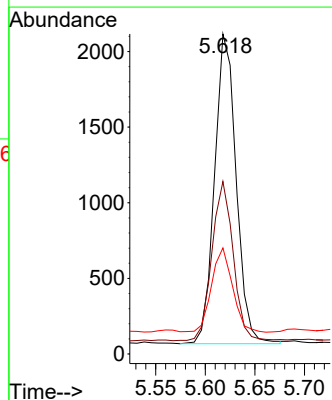
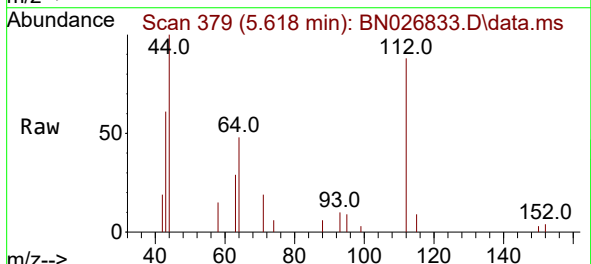
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BNA_N
ClientSampleId :
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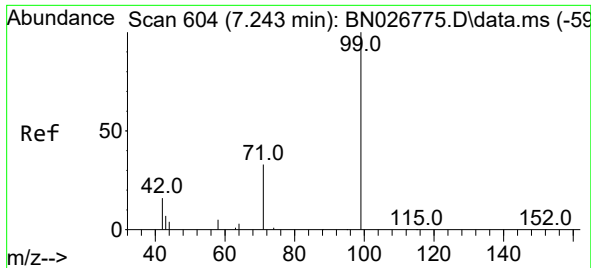
Tgt Ion: 42 Resp: 17802
Ion Ratio Lower Upper
42 100
74 0.7 106.4 159.6#
44 33.1 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.618 min Scan# 379
Delta R.T. -0.007 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

Tgt Ion: 112 Resp: 3102
Ion Ratio Lower Upper
112 100
64 50.7 42.2 63.2
63 26.5 22.7 34.1

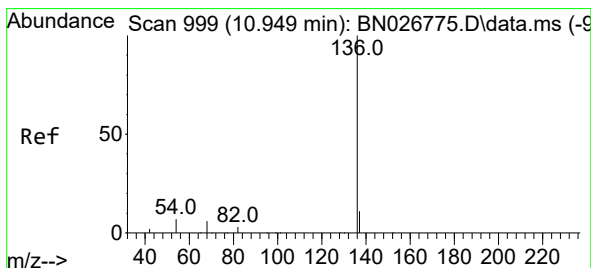
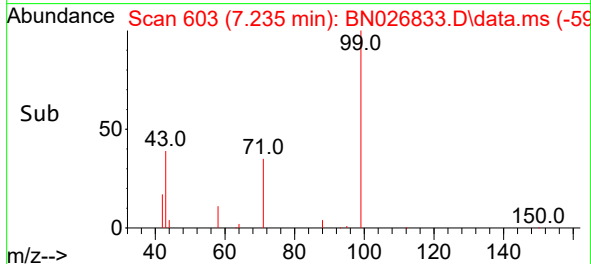
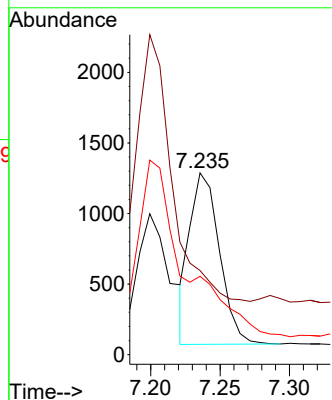
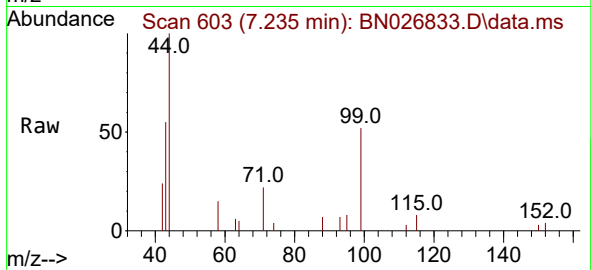




#5
Phenol-d6
Concen: 0.066 ng
RT: 7.235 min Scan# 604
Delta R.T. -0.007 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

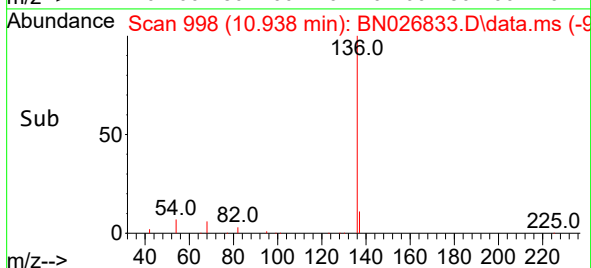
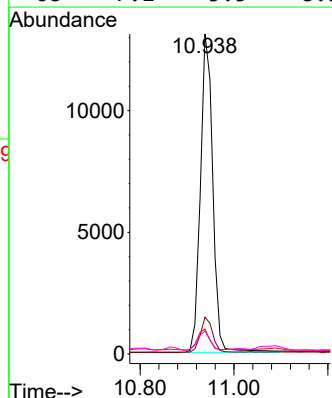
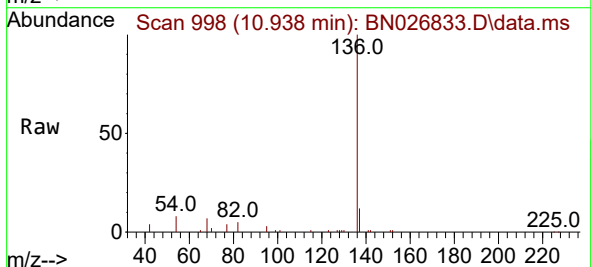
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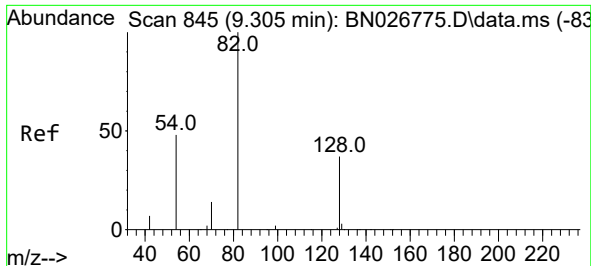
Tgt Ion: 99 Resp: 1799
Ion Ratio Lower Upper
99 100
42 0.0 14.6 22.0#
71 0.0 26.6 40.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

Tgt Ion: 136 Resp: 24003
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 7.8 6.2 9.2
68 7.1 5.5 8.3

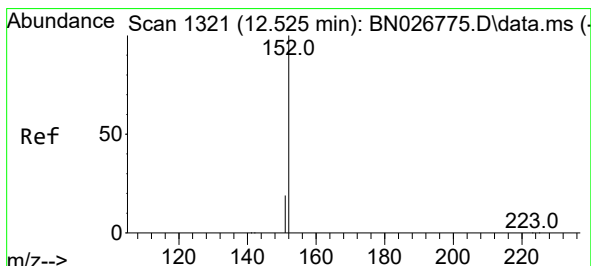
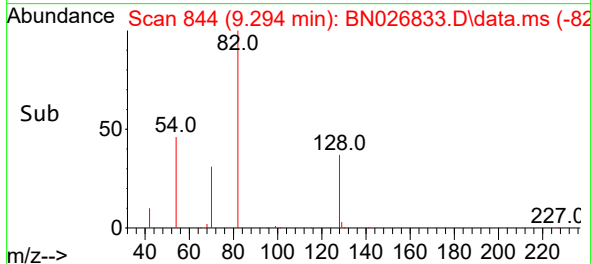
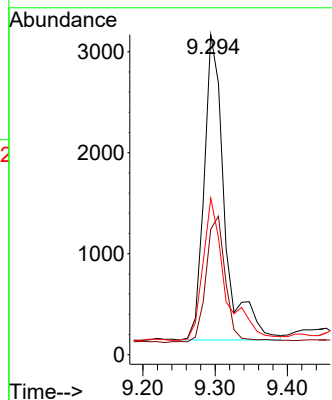
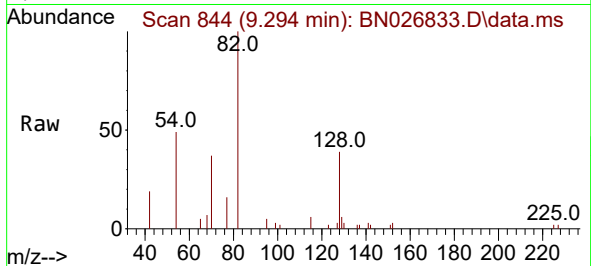




#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 9.294 min Scan# 845
Delta R.T. -0.011 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

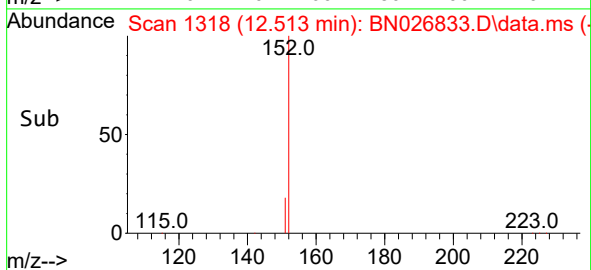
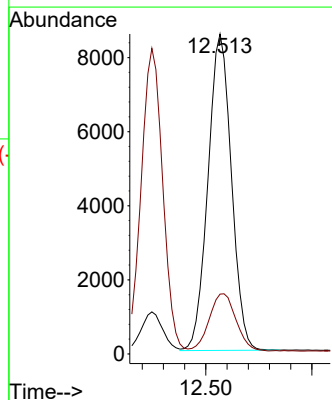
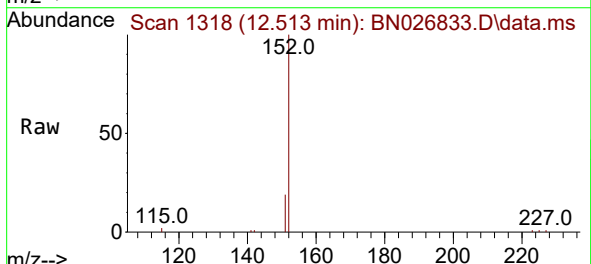
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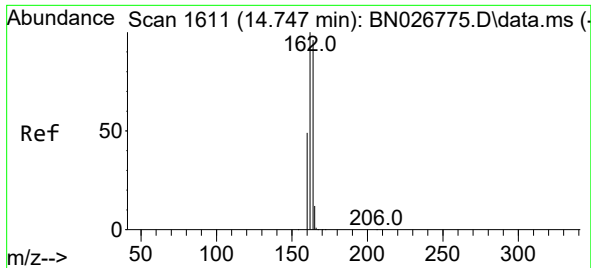
Tgt Ion: 82 Resp: 6034
Ion Ratio Lower Upper
82 100
128 39.2 30.5 45.7
54 48.9 39.4 59.2



#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.513 min Scan# 1318
Delta R.T. -0.011 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

Tgt Ion: 152 Resp: 13126
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7

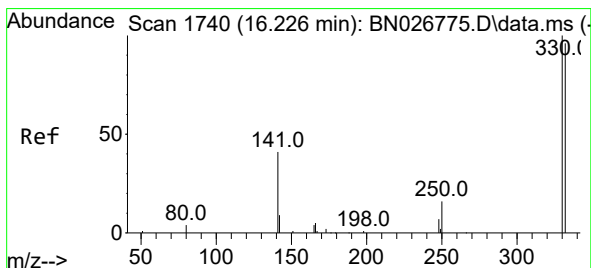
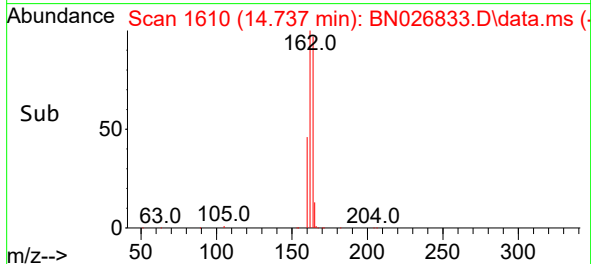
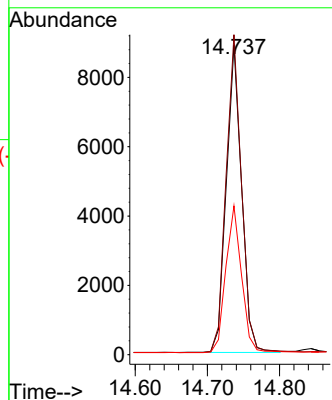
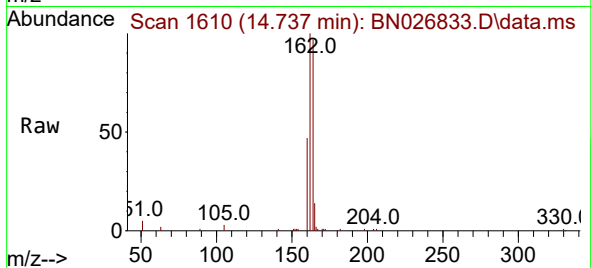




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1610
Delta R.T. -0.011 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

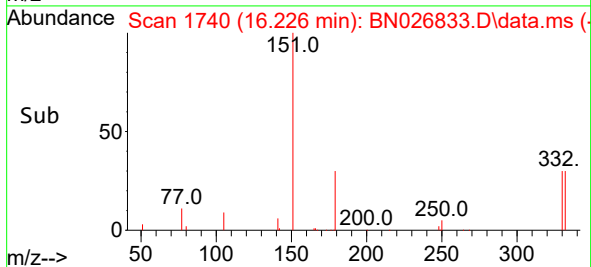
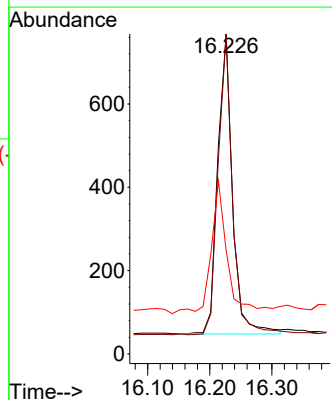
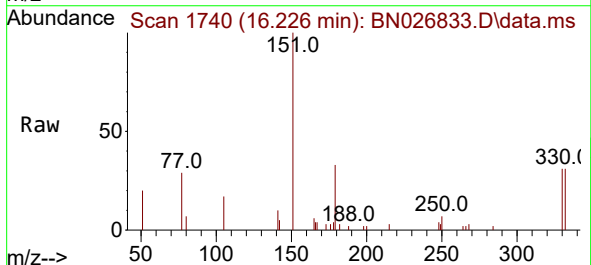
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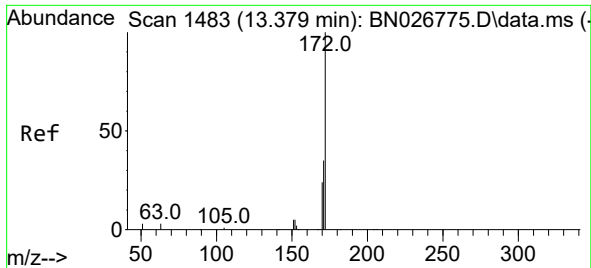
Tgt Ion:164 Resp: 13058
Ion Ratio Lower Upper
164 100
162 103.4 83.0 124.6
160 48.1 40.8 61.2



#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 16.226 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

Tgt Ion:330 Resp: 1189
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.6
141 48.4 34.8 52.2

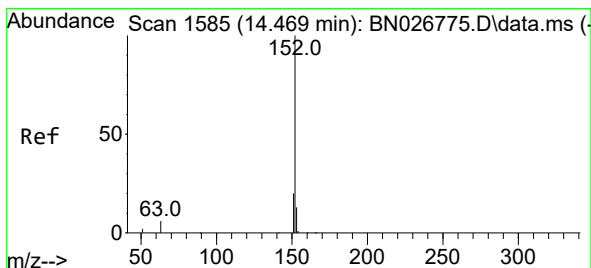
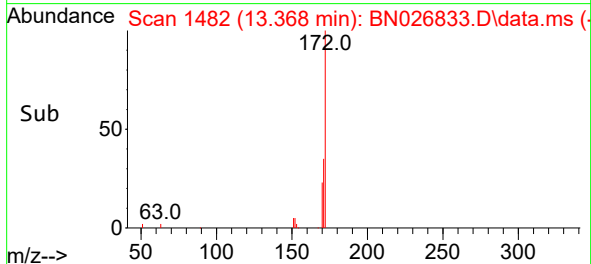
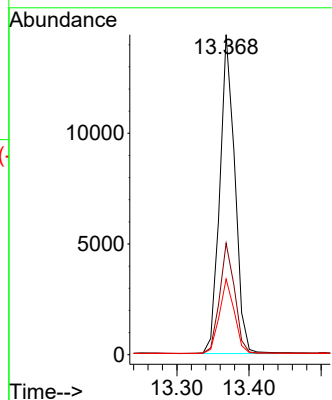
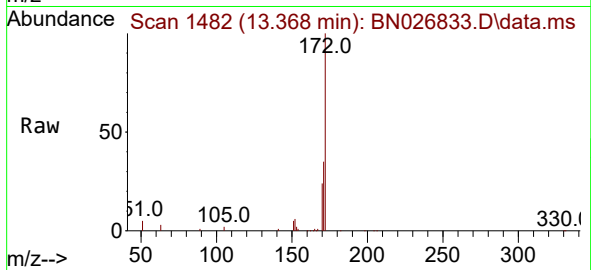




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.368 min Scan# 1482
Delta R.T. -0.011 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

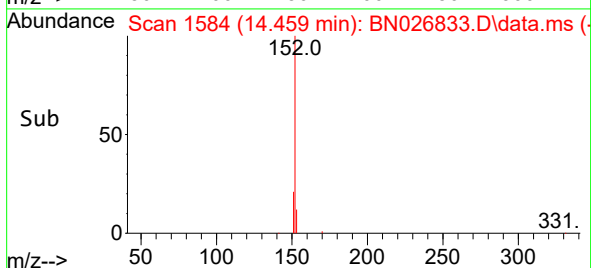
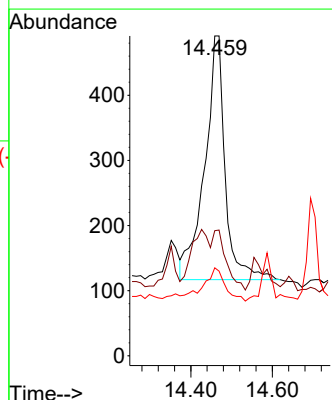
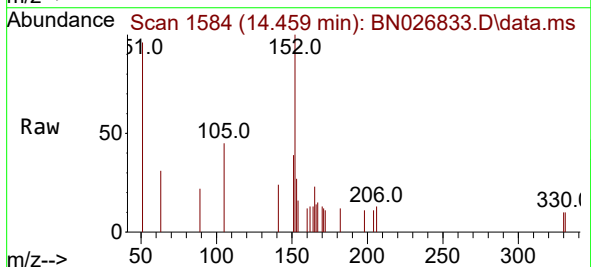
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ClientSampleId :
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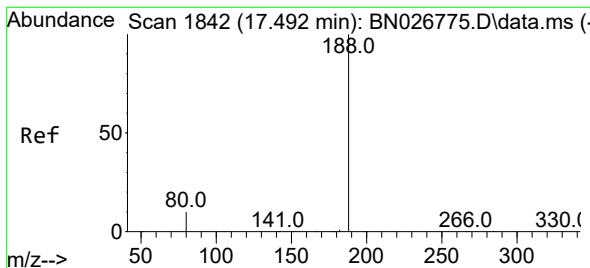
Tgt Ion:172 Resp: 20791
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.7 19.2 28.8



#16
Acenaphthylene
Concen: 0.020 ng
RT: 14.459 min Scan# 1584
Delta R.T. -0.011 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

Tgt Ion:152 Resp: 1305
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 14.6 10.5 15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.480 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BN026833.D

Acq: 07 Aug 2023 16:29

Instrument :

BNA_N

ClientSampleId :

FIELD-BLANK-1

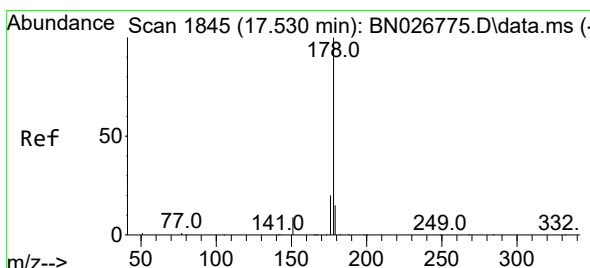
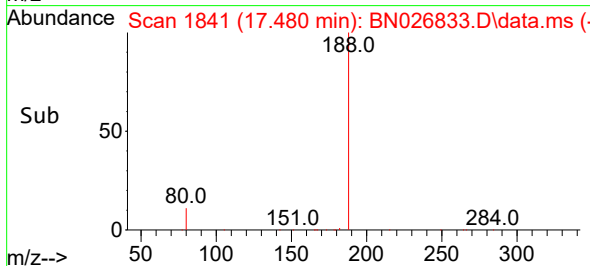
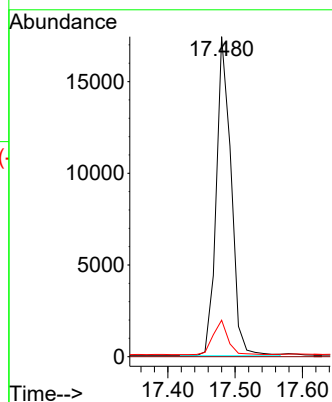
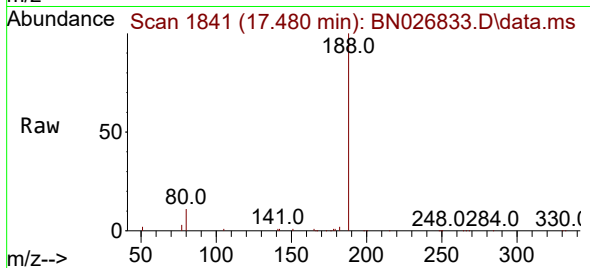
Tgt Ion:188 Resp: 26654

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 8.0 12.0



#25

Phenanthrene

Concen: 0.020 ng

RT: 17.530 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BN026833.D

Acq: 07 Aug 2023 16:29

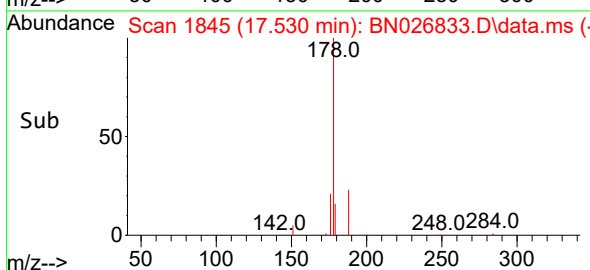
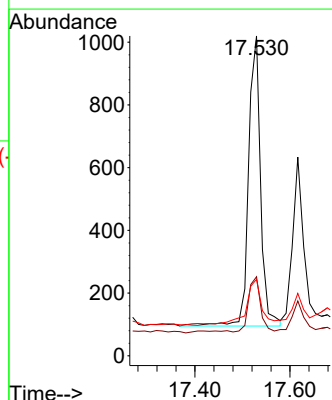
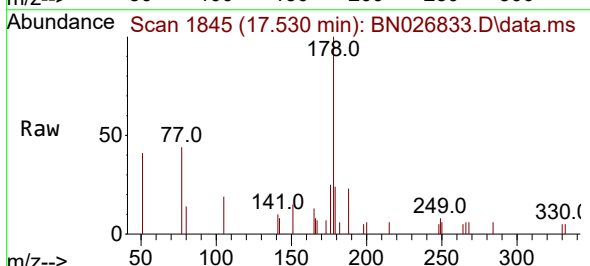
Tgt Ion:178 Resp: 1632

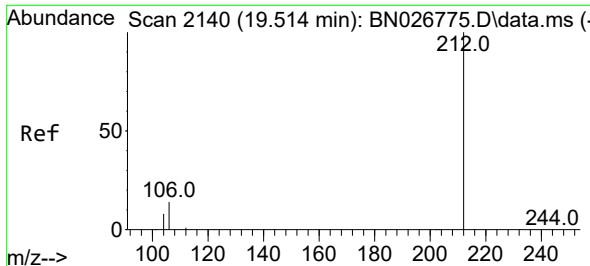
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 18.0 12.2 18.2

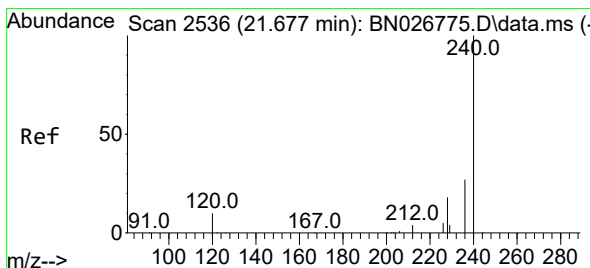
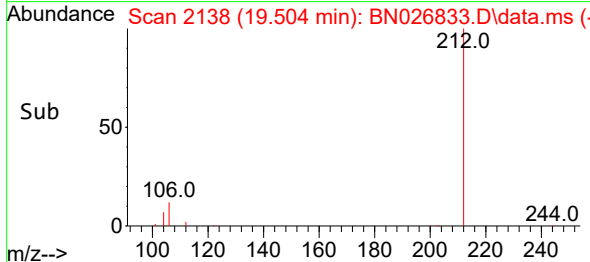
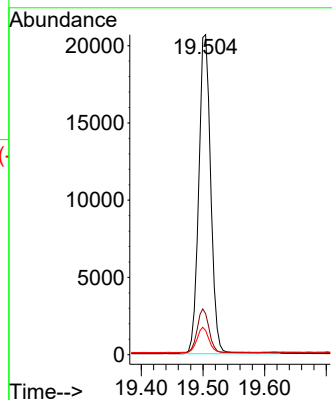
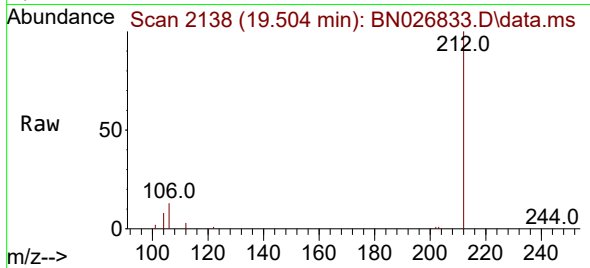




#27
Fluoranthene-d10
Concen: 0.436 ng
RT: 19.504 min Scan# 2138
Delta R.T. -0.009 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

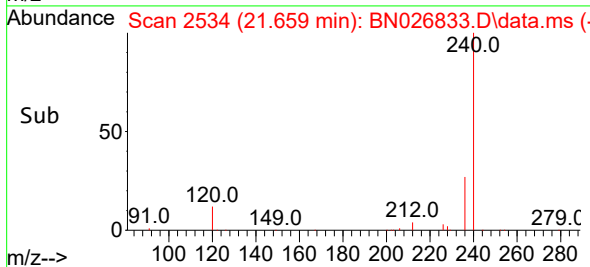
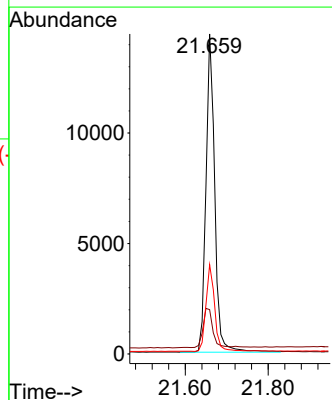
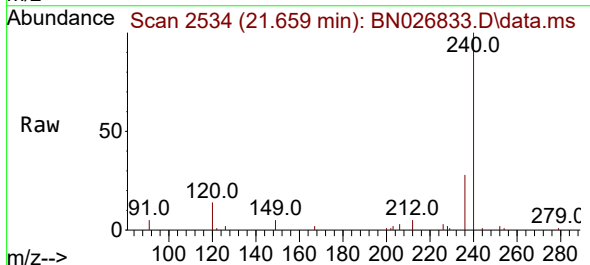
Instrument :
BNA_N
ClientSampleId :
FIELD-BLANK-1

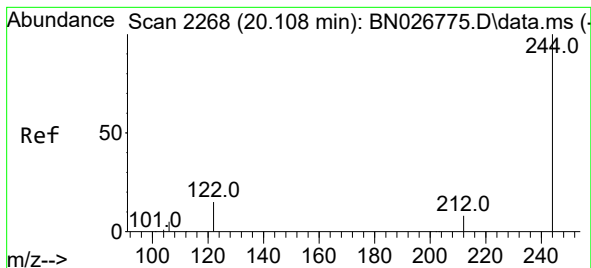
Tgt Ion:212 Resp: 27885
Ion Ratio Lower Upper
212 100
106 13.8 11.7 17.5
104 7.7 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 2534
Delta R.T. -0.018 min
Lab File: BN026833.D
Acq: 07 Aug 2023 16:29

Tgt Ion:240 Resp: 21170
Ion Ratio Lower Upper
240 100
120 13.8 9.2 13.8#
236 27.9 21.9 32.9





#31

Terphenyl-d14

Concen: 0.569 ng

RT: 20.090 min Scan# 21

Delta R.T. -0.019 min

Lab File: BN026833.D

Acq: 07 Aug 2023 16:29

Instrument :

BNA_N

ClientSampleId :

FIELD-BLANK-1

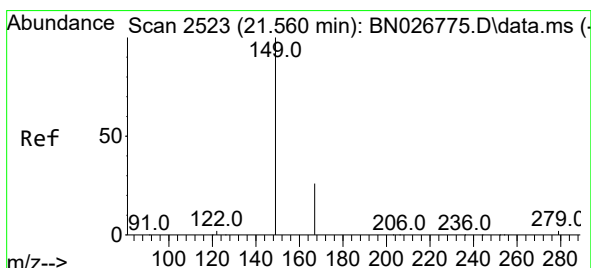
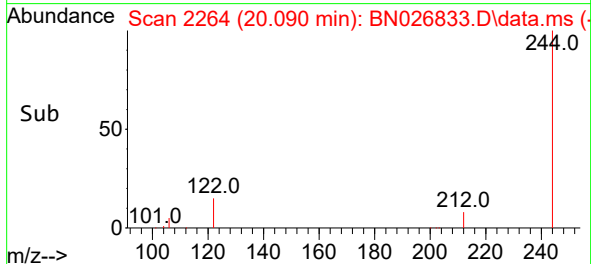
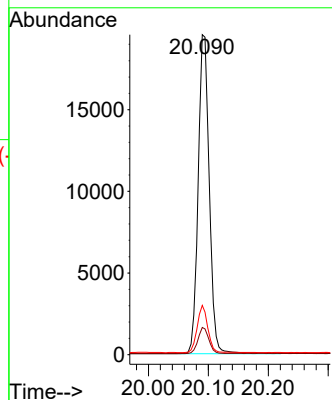
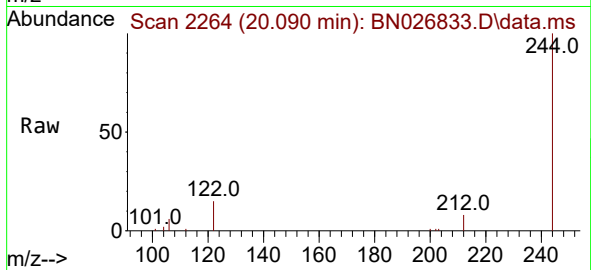
Tgt Ion:244 Resp: 25129

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

122 15.4 12.3 18.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.175 ng

RT: 21.542 min Scan# 2521

Delta R.T. -0.018 min

Lab File: BN026833.D

Acq: 07 Aug 2023 16:29

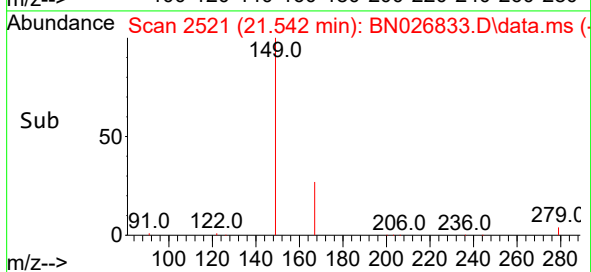
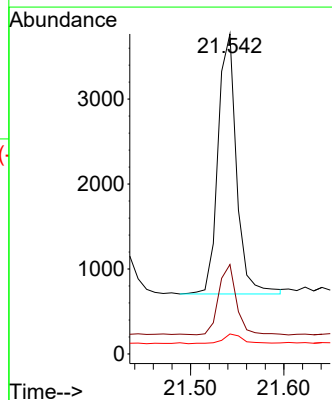
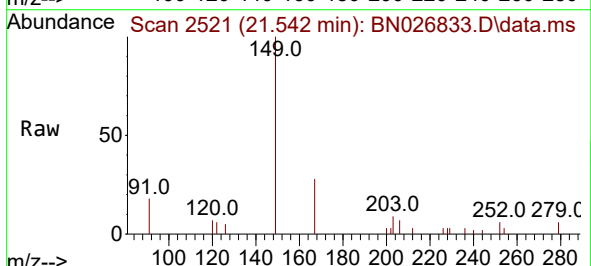
Tgt Ion:149 Resp: 4214

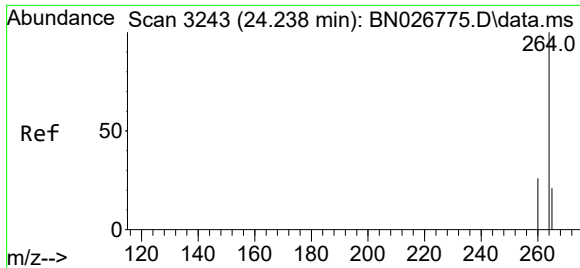
Ion Ratio Lower Upper

149 100

167 26.1 20.8 31.2

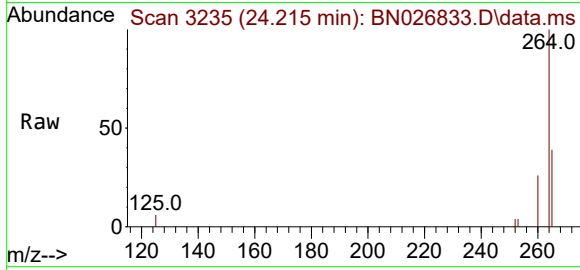
279 4.1 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.215 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: BN026833.D
 Acq: 07 Aug 2023 16:29

Instrument :
 BNA_N
 ClientSampleId :
 FIELD-BLANK-1



Tgt Ion:	264	Resp:	22662
Ion Ratio	Lower	Upper	
264	100		
260	25.5	21.0	31.6
265	39.4	22.6	33.8

