

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
 Data File : BN020346.D
 Acq On : 22 Jun 2022 16:48
 Operator : CG/JU
 Sample : PB145595BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB145595BL

Quant Time: Jun 23 02:50:06 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 15:57:15 2022
 Response via : Initial Calibration

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

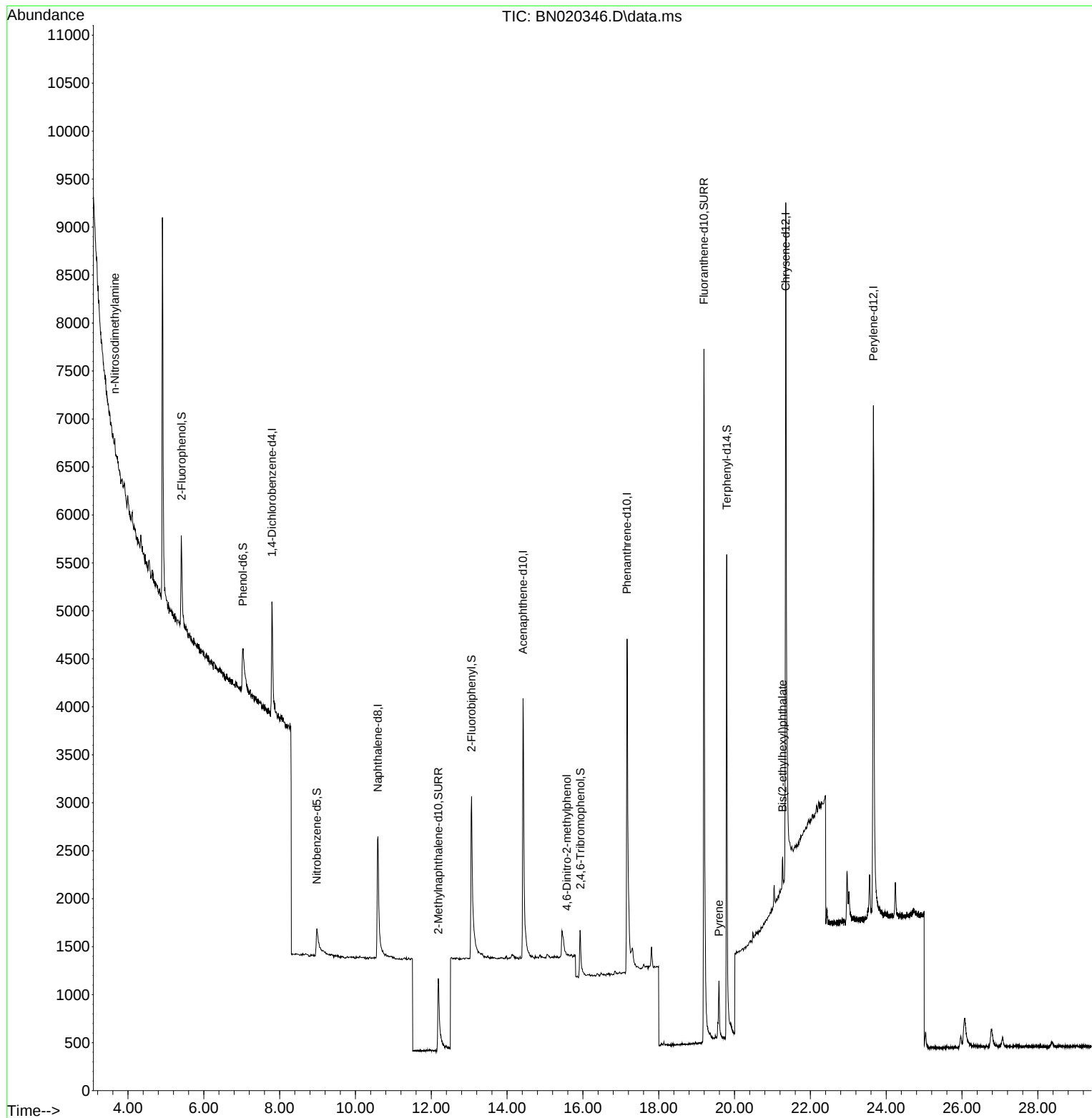
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	922	0.400	ng	# 0.00
7) Naphthalene-d8	10.594	136	3095	0.400	ng	# 0.01
13) Acenaphthene-d10	14.420	164	2609	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	7744	0.400	ng	# 0.00
29) Chrysene-d12	21.351	240	8790	0.400	ng	0.00
35) Perylene-d12	23.662	264	9106	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	1161	0.430	ng	0.00
5) Phenol-d6	7.031	99	1069	0.307	ng	0.02
8) Nitrobenzene-d5	8.982	82	665	0.308	ng	0.02
11) 2-Methylnaphthalene-d10	12.185	152	2208	0.384	ng	0.01
14) 2,4,6-Tribromophenol	15.933	330	407	0.328	ng	0.02
15) 2-Fluorobiphenyl	13.063	172	2812	0.301	ng	0.01
27) Fluoranthene-d10	19.194	212	10433	0.384	ng	0.00
31) Terphenyl-d14	19.792	244	7382	0.421	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	11	Below Cal	#	14
3) n-Nitrosodimethylamine	3.651	42	50	0.052 ng	#	1
20) 4,6-Dinitro-2-methylph...	15.575	198	2	0.115 ng	#	1
30) Pyrene	19.590	202	686	0.021 ng		98
34) Bis(2-ethylhexyl)phtha...	21.270	149	440	0.030 ng	#	93

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

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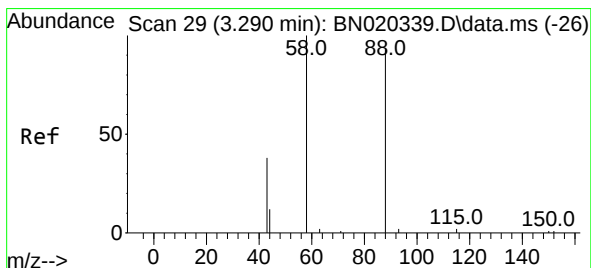
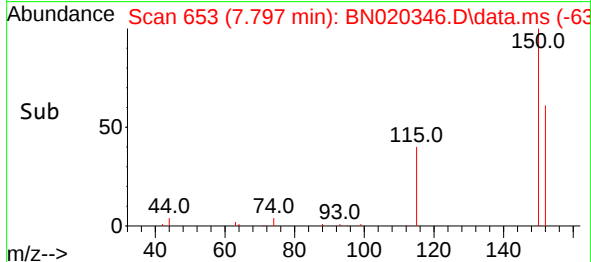
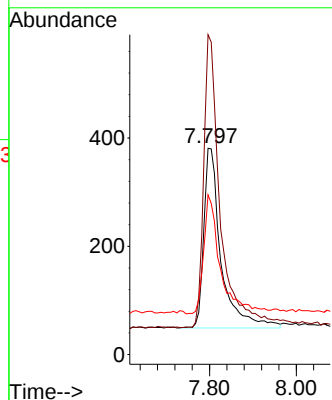
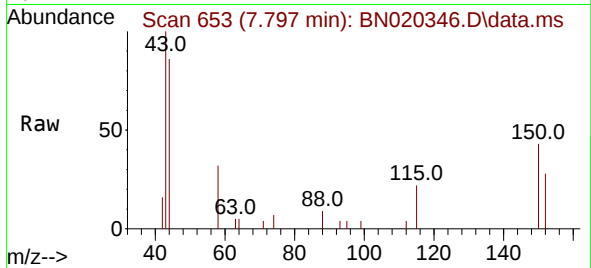




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

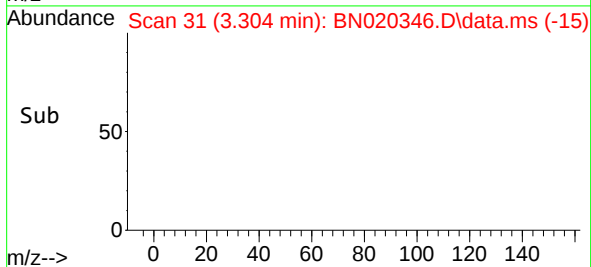
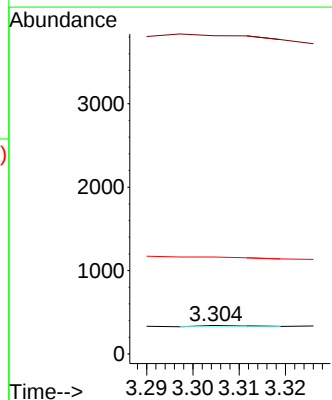
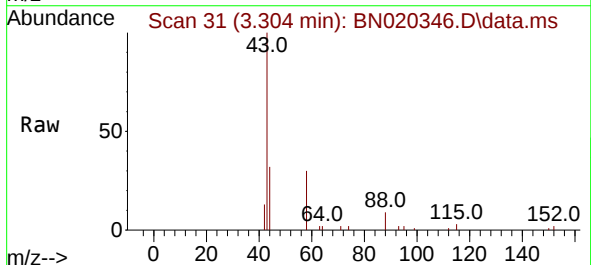
Instrument :
BNA_N
ClientSampleId :
PB145595BL

Tgt Ion:152 Resp: 922
Ion Ratio Lower Upper
152 100
150 155.1 127.9 191.9
115 77.4 51.4 77.2#



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.304 min Scan# 31
Delta R.T. 0.014 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

Tgt Ion: 88 Resp: 11
Ion Ratio Lower Upper
88 100
43 0.0 30.2 45.2#
58 0.0 73.0 109.6#

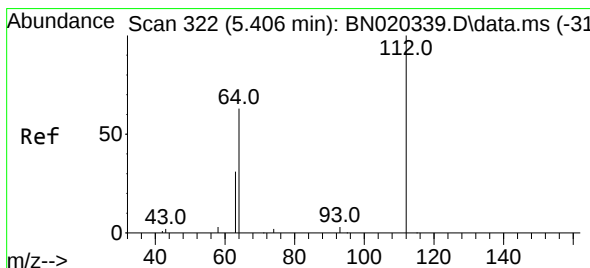
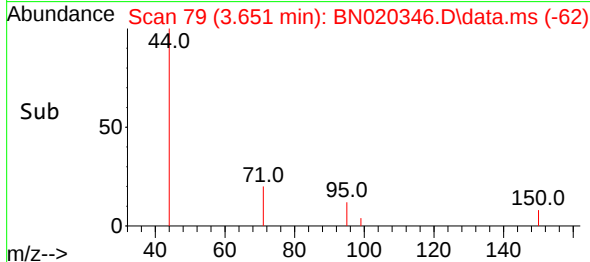
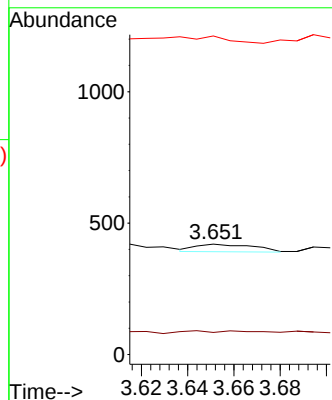
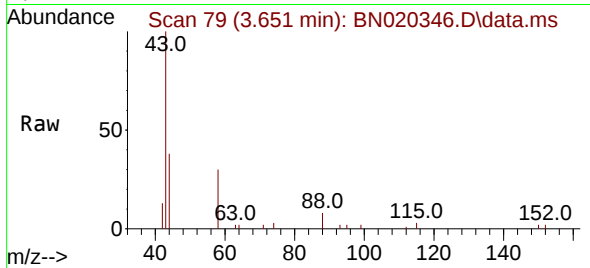




#3
n-Nitrosodimethylamine
Concen: 0.052 ng
RT: 3.651 min Scan# 74
Delta R.T. 0.022 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

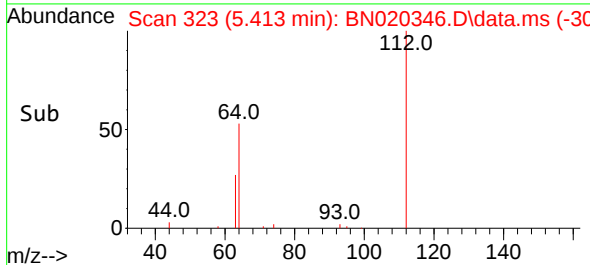
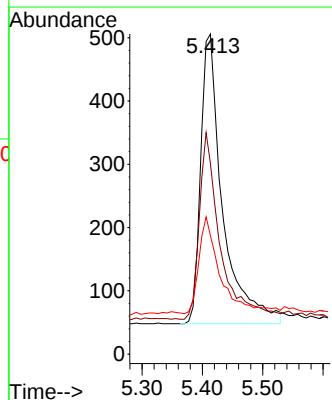
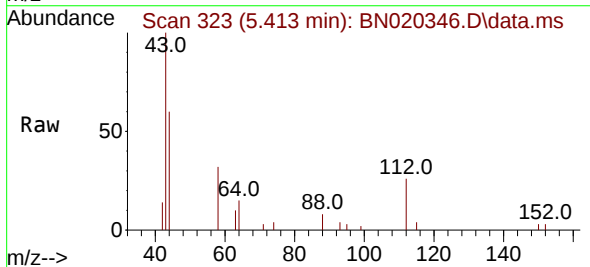
Instrument :
BNA_N
ClientSampleId :
PB145595BL

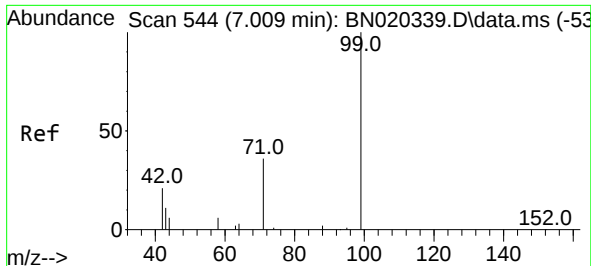
Tgt Ion: 42 Resp: 50
Ion Ratio Lower Upper
42 100
74 20.0 84.0 126.0#
44 260.0 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.430 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.007 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

Tgt Ion: 112 Resp: 1161
Ion Ratio Lower Upper
112 100
64 61.2 49.1 73.7
63 32.6 26.3 39.5

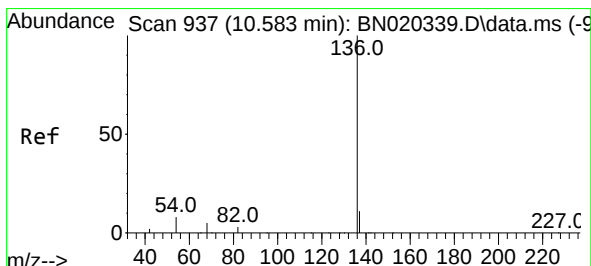
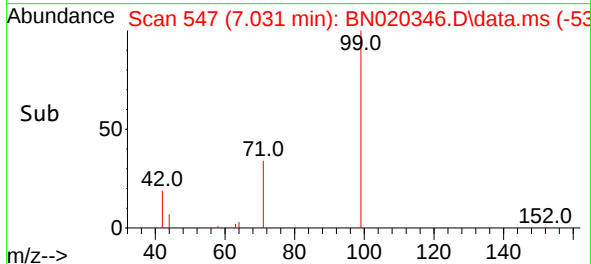
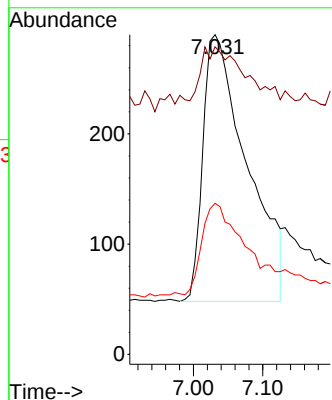
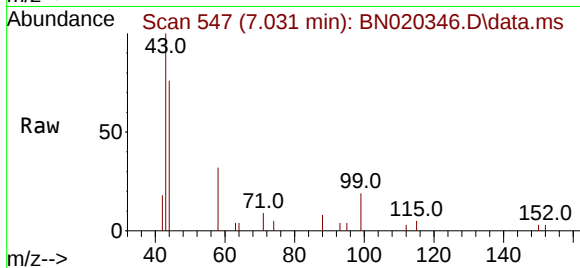




#5
Phenol-d6
Concen: 0.307 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.022 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

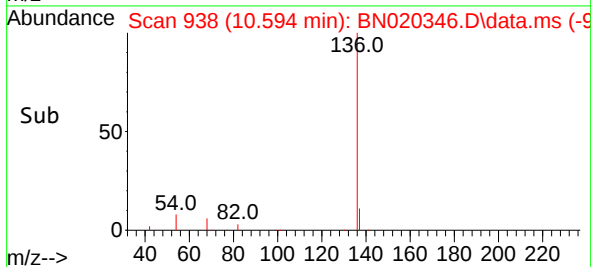
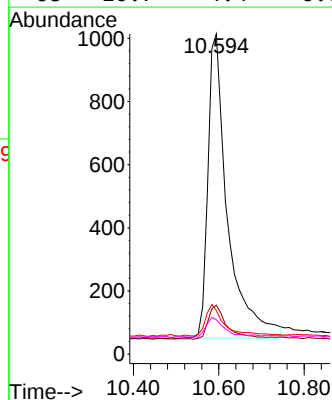
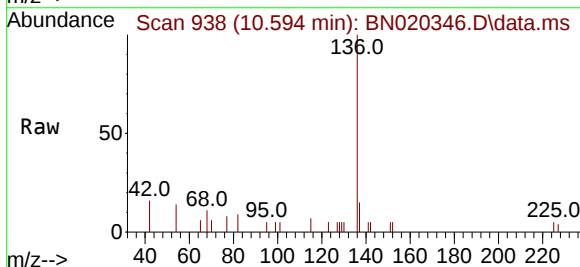
Instrument :
BNA_N
ClientSampleId :
PB145595BL

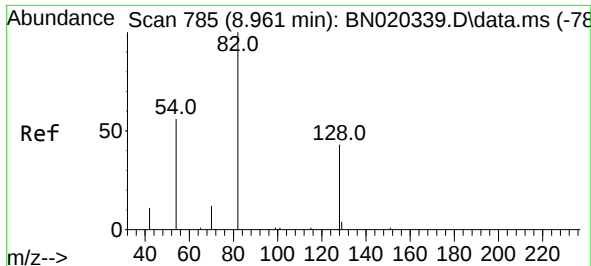
Tgt Ion: 99 Resp: 1069
Ion Ratio Lower Upper
99 100
42 21.0 19.3 28.9
71 34.6 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. 0.011 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

Tgt Ion: 136 Resp: 3095
Ion Ratio Lower Upper
136 100
137 15.3 9.0 13.6#
54 13.6 6.2 9.2#
68 10.7 4.4 6.6#

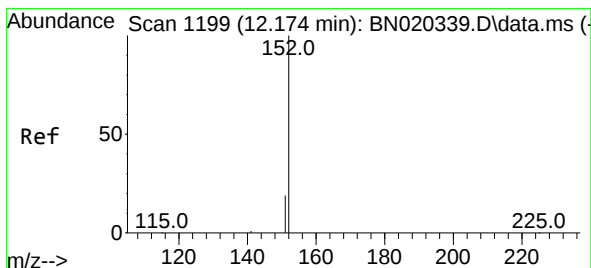
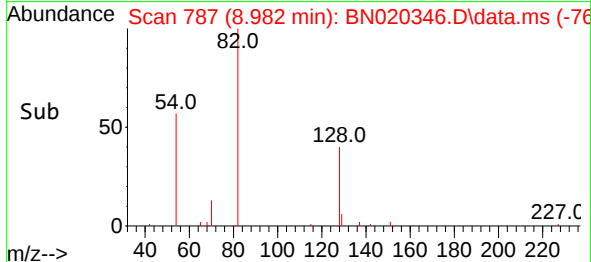
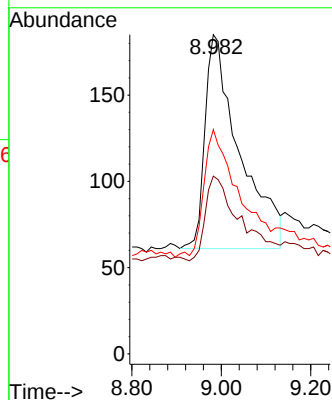
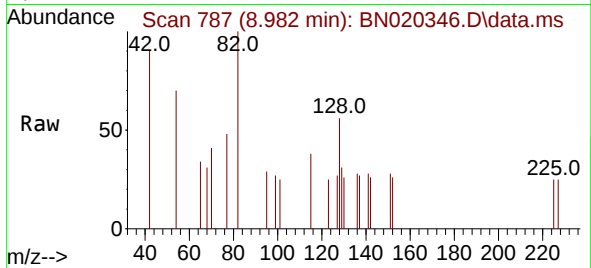




#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.982 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

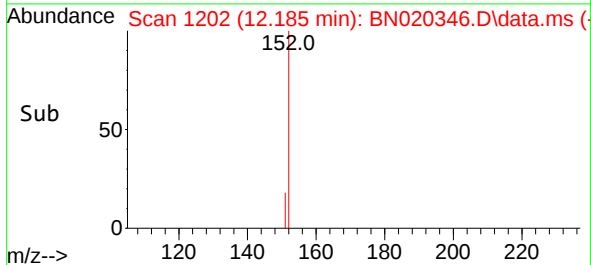
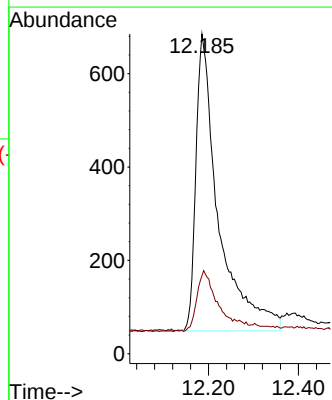
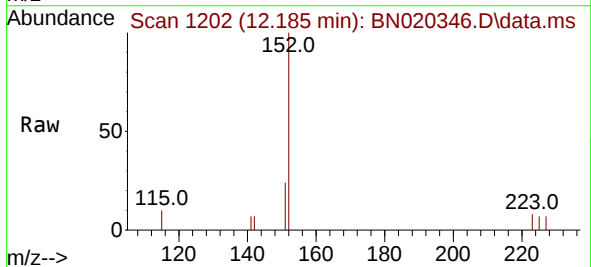
Instrument :
BNA_N
ClientSampleId :
PB145595BL

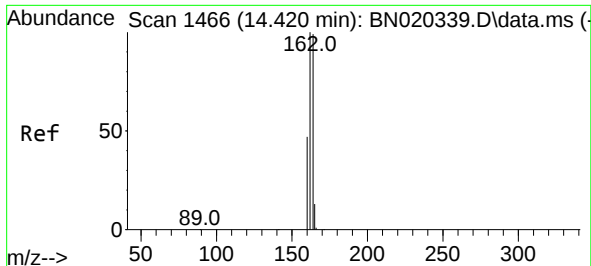
Tgt Ion: 82 Resp: 665
Ion Ratio Lower Upper
82 100
128 55.7 35.0 52.6#
54 70.3 46.2 69.4#



#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.185 min Scan# 1202
Delta R.T. 0.011 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

Tgt Ion: 152 Resp: 2208
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4

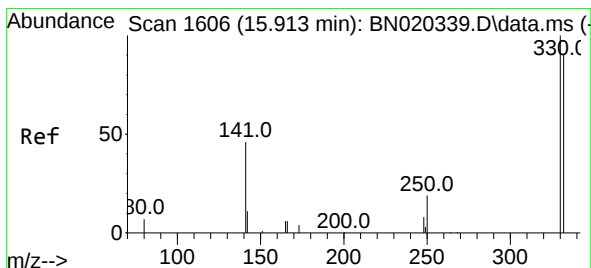
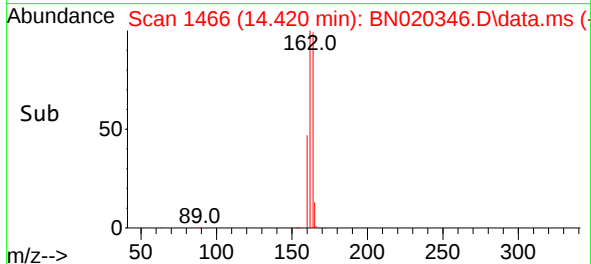
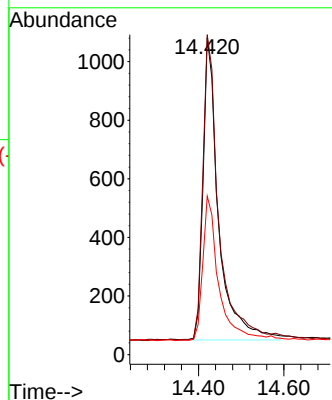
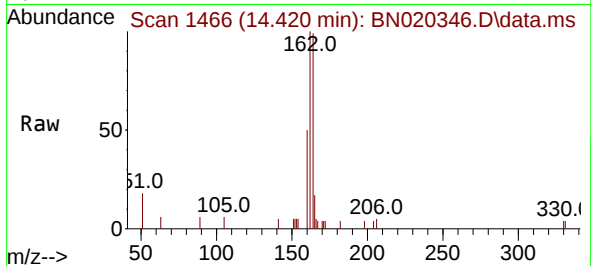




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

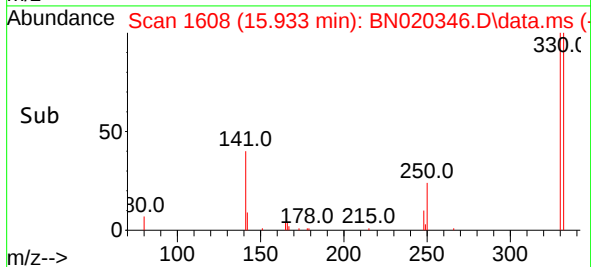
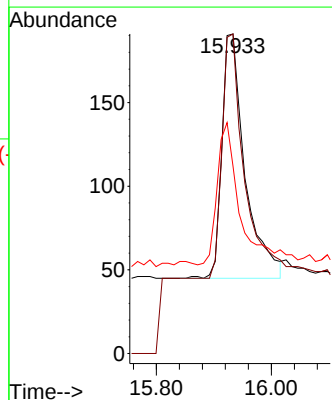
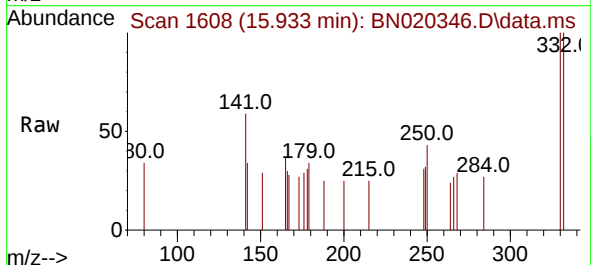
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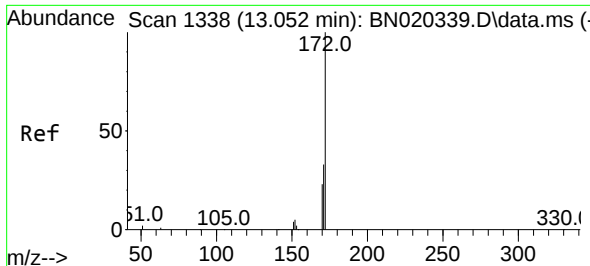
Tgt Ion:164 Resp: 2609
Ion Ratio Lower Upper
164 100
162 100.9 82.1 123.1
160 50.0 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.933 min Scan# 1608
Delta R.T. 0.021 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

Tgt Ion:330 Resp: 407
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 57.5 41.0 61.4

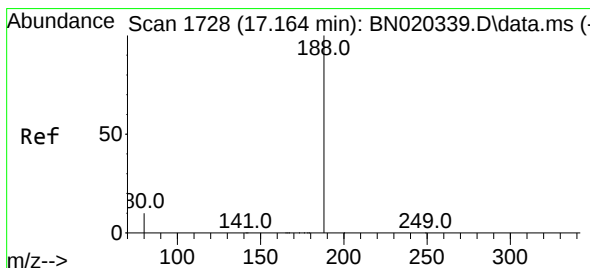
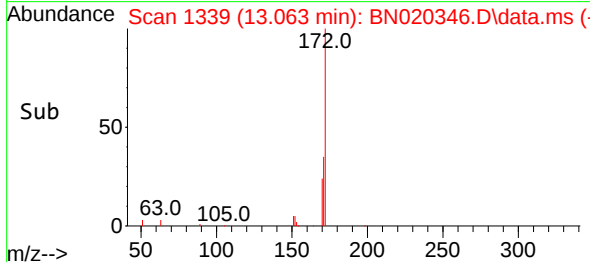
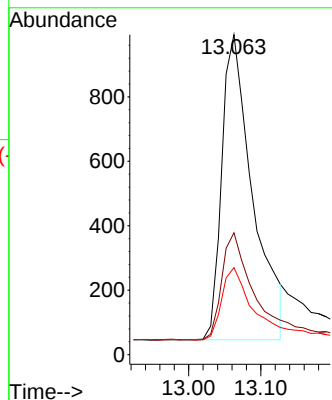
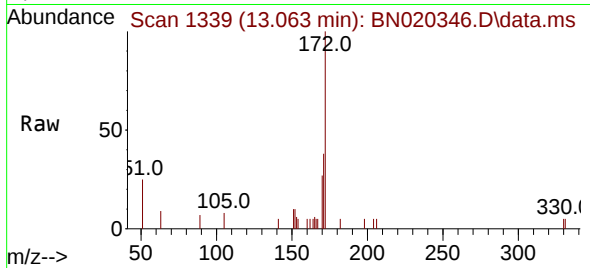




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.063 min Scan# 1339
Delta R.T. 0.011 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

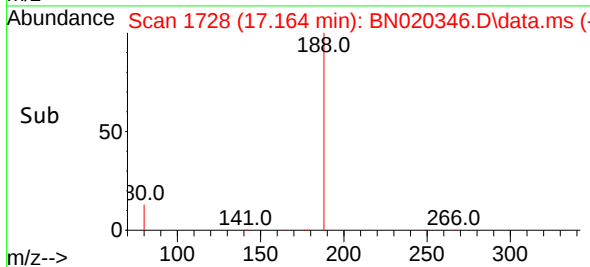
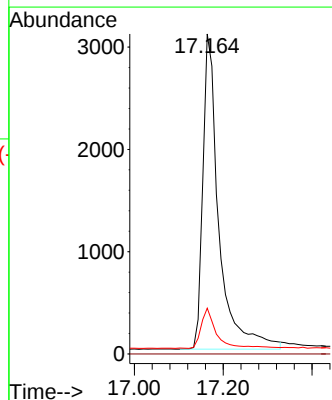
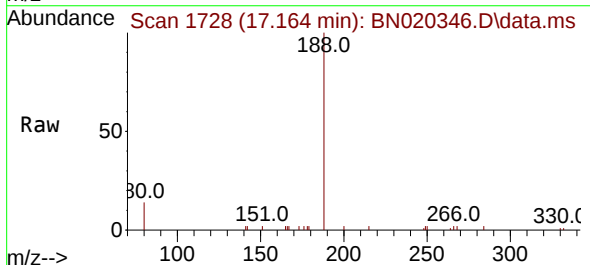
Instrument :
BNA_N
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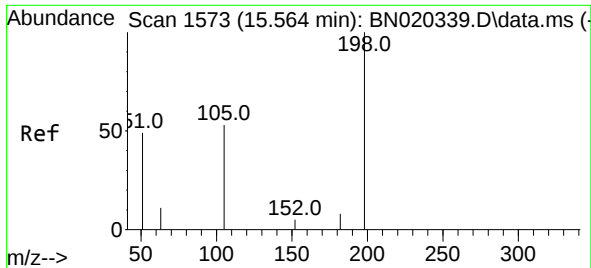
Tgt Ion:172 Resp: 2812
Ion Ratio Lower Upper
172 100
171 38.1 27.2 40.8
170 27.2 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

Tgt Ion:188 Resp: 7744
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.4 11.2#

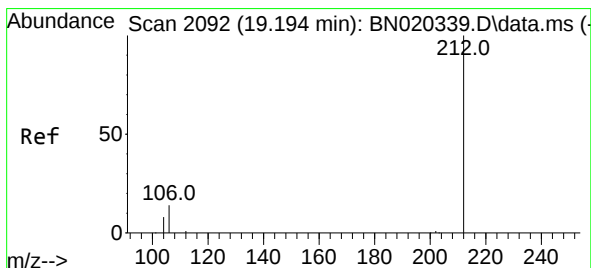
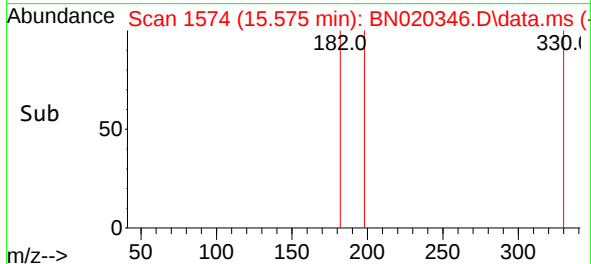
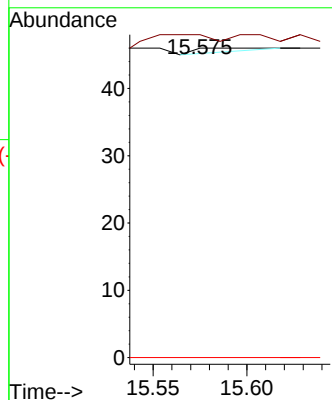
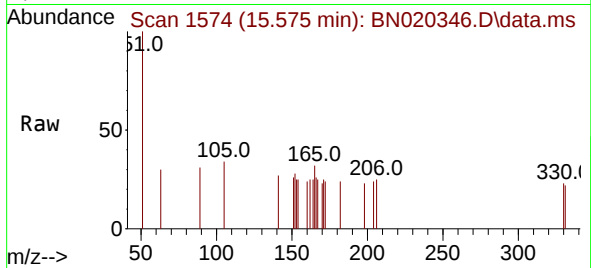




#20
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 15.575 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

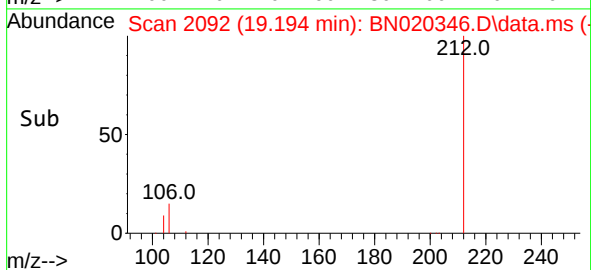
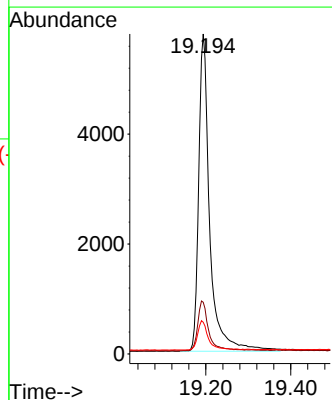
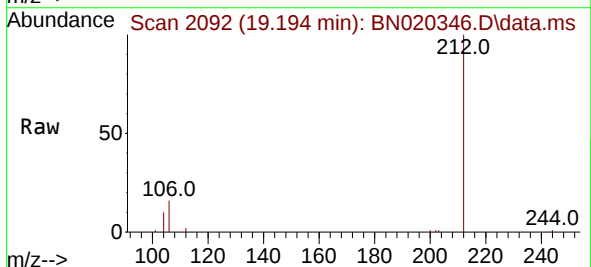
Instrument :
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PB145595BL

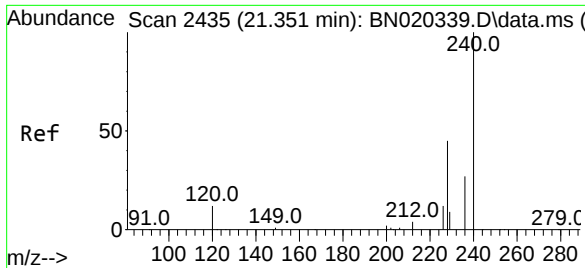
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 104.3 12.1 18.1#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.194 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN020346.D
Acq: 22 Jun 2022 16:48

Tgt Ion:212 Resp: 10433
Ion Ratio Lower Upper
212 100
106 15.6 12.6 19.0
104 9.0 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.351 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BN020346.D

Acq: 22 Jun 2022 16:48

Instrument :

BNA_N

ClientSampleId :

PB145595BL

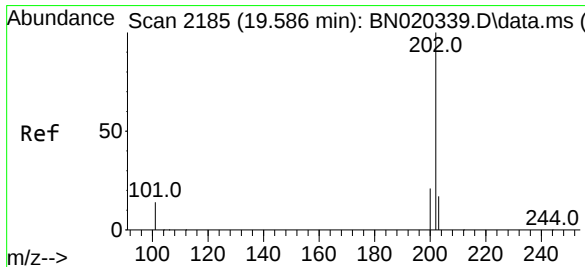
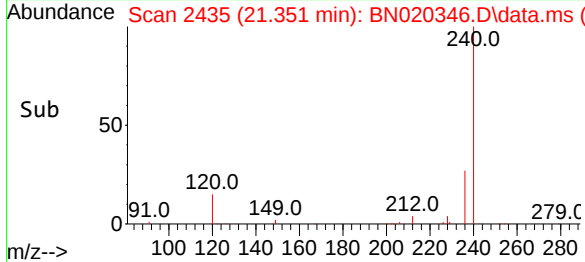
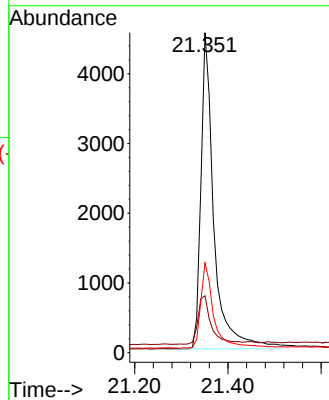
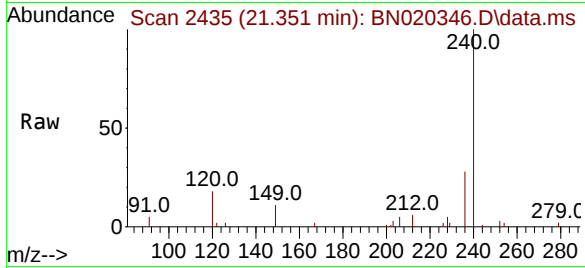
Tgt Ion:240 Resp: 8790

Ion Ratio Lower Upper

240 100

120 17.8 14.6 21.8

236 28.0 22.6 33.8



#30

Pyrene

Concen: 0.021 ng

RT: 19.590 min Scan# 2186

Delta R.T. 0.004 min

Lab File: BN020346.D

Acq: 22 Jun 2022 16:48

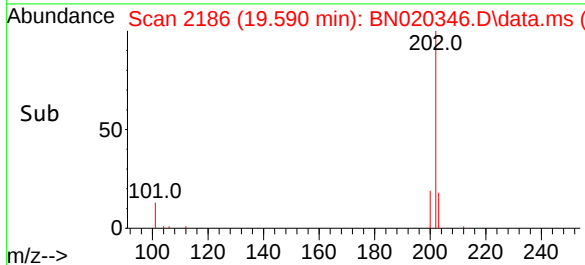
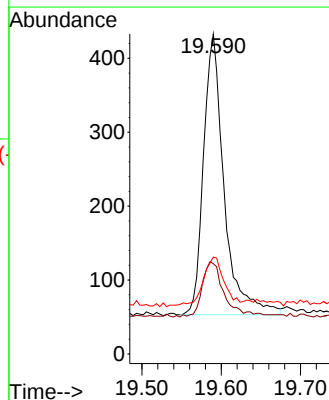
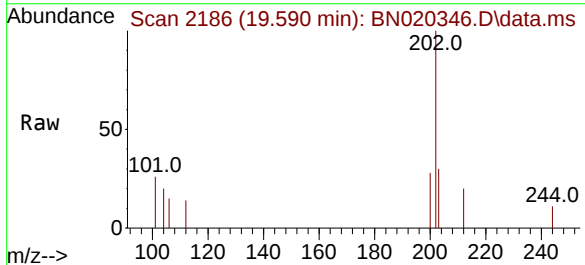
Tgt Ion:202 Resp: 686

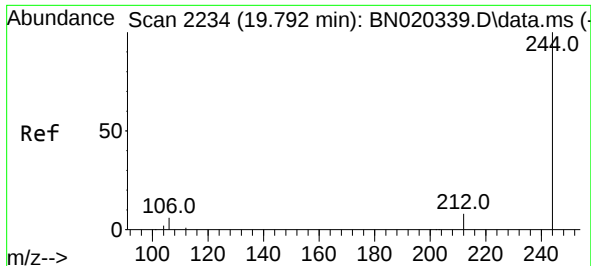
Ion Ratio Lower Upper

202 100

200 21.9 16.6 25.0

203 16.9 14.2 21.2

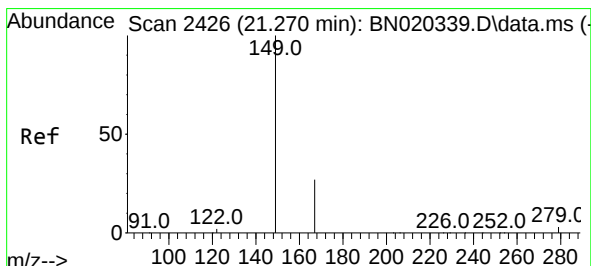
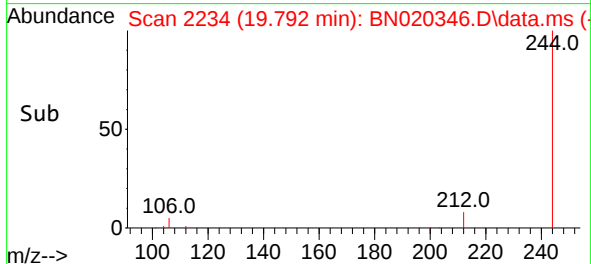
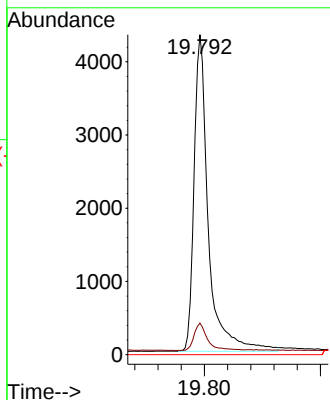
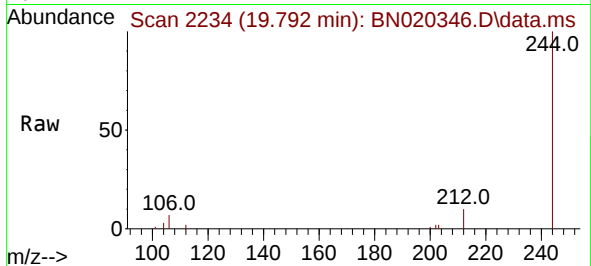




#31
 Terphenyl-d14
 Concen: 0.421 ng
 RT: 19.792 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN020346.D
 Acq: 22 Jun 2022 16:48

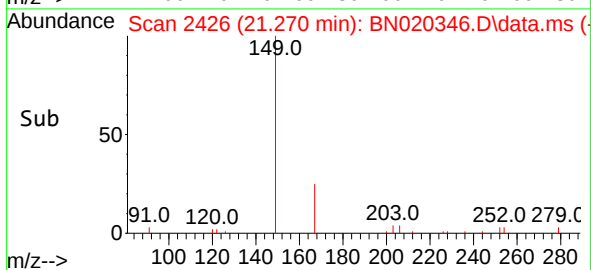
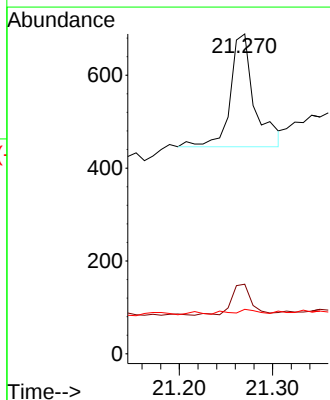
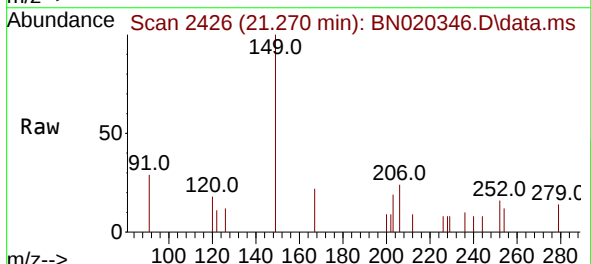
Instrument :
 BNA_N
 ClientSampleId :
 PB145595BL

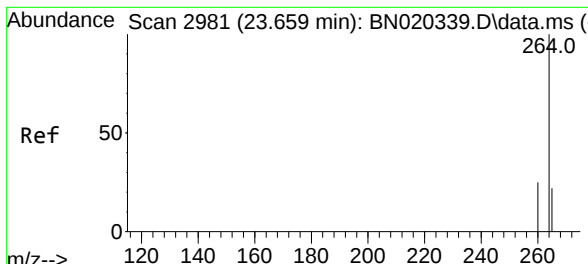
Tgt Ion:244 Resp: 7382
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.270 min Scan# 2426
 Delta R.T. 0.000 min
 Lab File: BN020346.D
 Acq: 22 Jun 2022 16:48

Tgt Ion:149 Resp: 440
 Ion Ratio Lower Upper
 149 100
 167 23.2 21.7 32.5
 279 4.8 2.2 3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.662 min Scan# 29

Delta R.T. 0.003 min

Lab File: BN020346.D

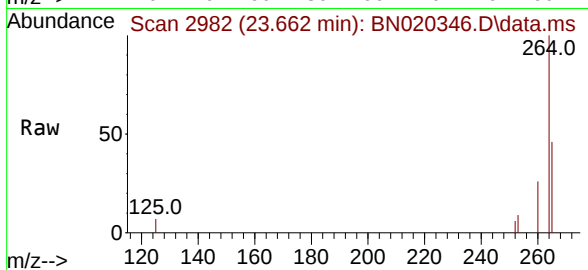
Acq: 22 Jun 2022 16:48

Instrument :

BNA_N

ClientSampleId :

PB145595BL



Tgt Ion:264 Resp: 9106

Ion Ratio Lower Upper

264 100

260 26.3 20.9 31.3

265 46.2 28.0 42.0#

