

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
 Data File : BN020349.D
 Acq On : 22 Jun 2022 18:36
 Operator : CG/JU
 Sample : N3387-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220616

Quant Time: Jun 23 02:50:26 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)

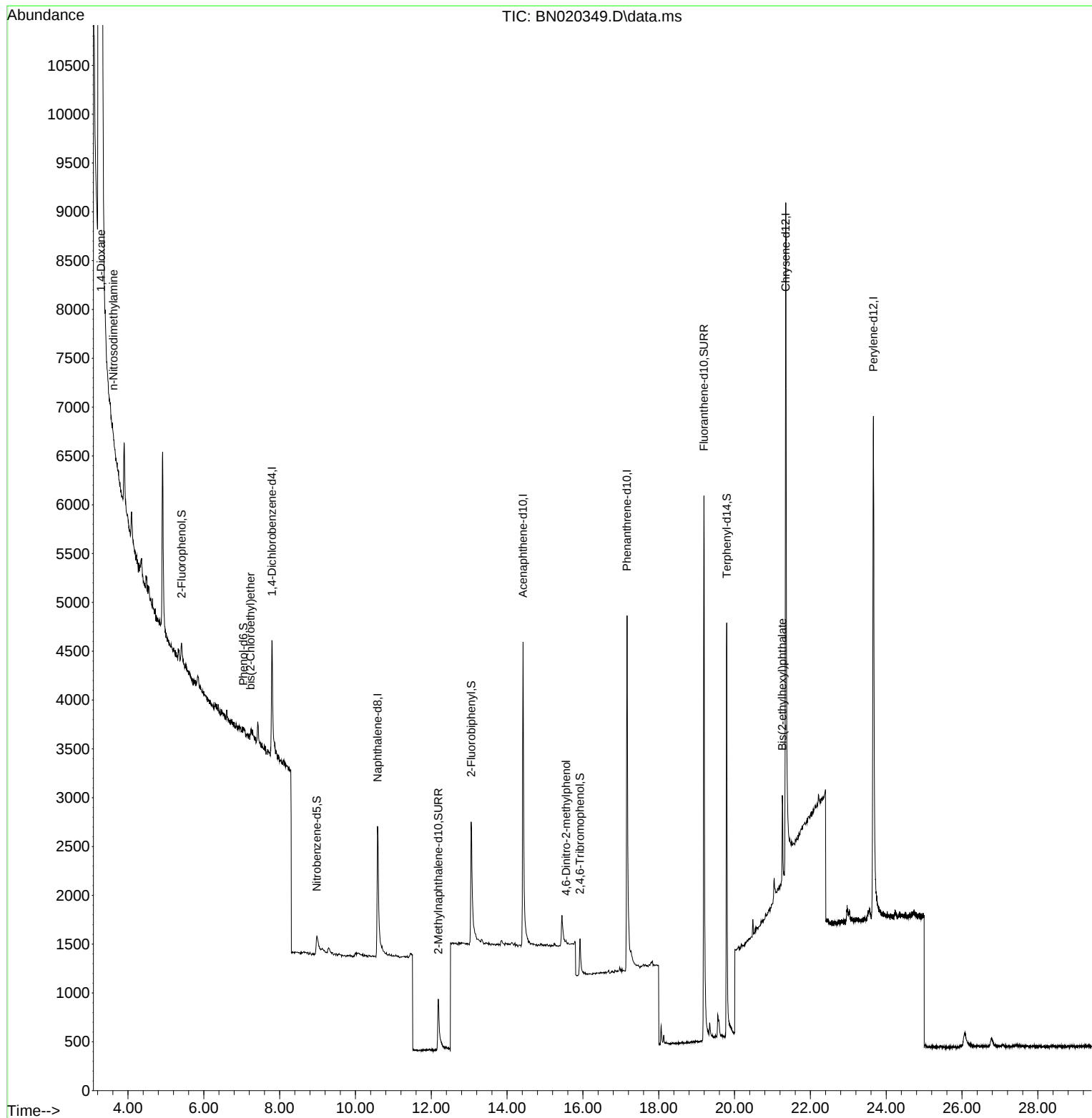
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	892	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	3046	0.400	ng	# 0.00
13) Acenaphthene-d10	14.420	164	2604	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	7384	0.400	ng	# 0.00
29) Chrysene-d12	21.351	240	8697	0.400	ng	0.00
35) Perylene-d12	23.662	264	9000	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	298	0.114	ng	0.00
5) Phenol-d6	7.045	99	156	0.046	ng	0.04
8) Nitrobenzene-d5	8.982	82	450	0.212	ng	0.02
11) 2-Methylnaphthalene-d10	12.185	152	1299	0.229	ng	0.01
14) 2,4,6-Tribromophenol	15.923	330	292	0.236	ng	0.01
15) 2-Fluorobiphenyl	13.052	172	1961	0.210	ng	0.00
27) Fluoranthene-d10	19.194	212	7869	0.304	ng	0.00
31) Terphenyl-d14	19.792	244	5925	0.342	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	4193	4.770	ng	93
3) n-Nitrosodimethylamine	3.615	42	21	0.023	ng	# 12
6) bis(2-Chloroethyl)ether	7.233	93	84	0.032	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.553	198	2	0.115	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.261	149	1093	0.076	ng	# 94

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

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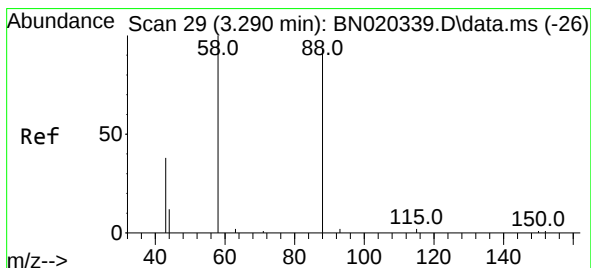
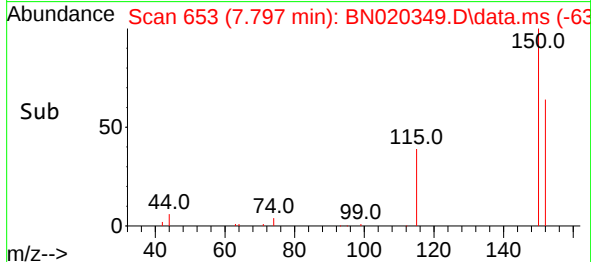
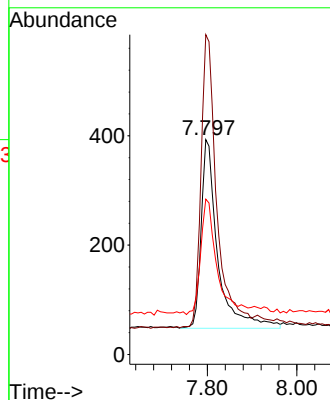
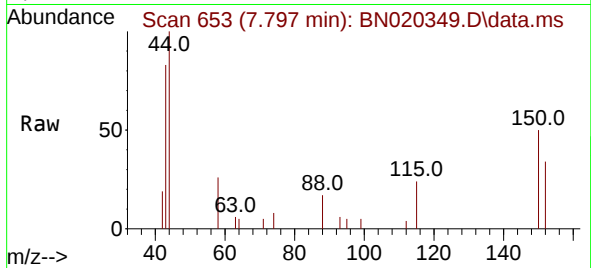




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN020349.D
 Acq: 22 Jun 2022 18:36

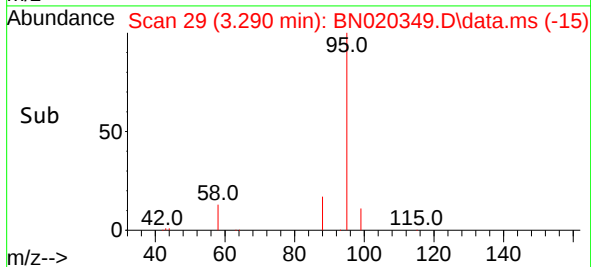
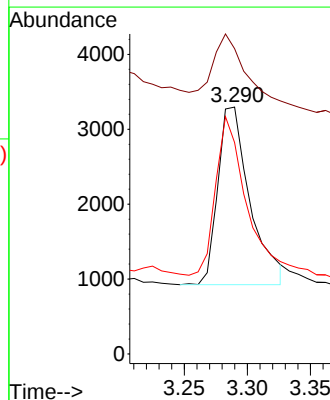
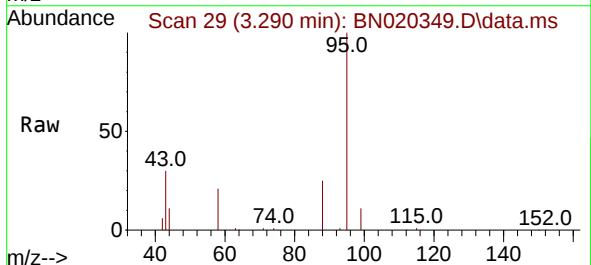
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220616

Tgt Ion:152 Resp: 892
 Ion Ratio Lower Upper
 152 100
 150 148.9 127.9 191.9
 115 72.3 51.4 77.2



#2
 1,4-Dioxane
 Concen: 4.770 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN020349.D
 Acq: 22 Jun 2022 18:36

Tgt Ion: 88 Resp: 4193
 Ion Ratio Lower Upper
 88 100
 43 35.8 30.2 45.2
 58 83.8 73.0 109.6

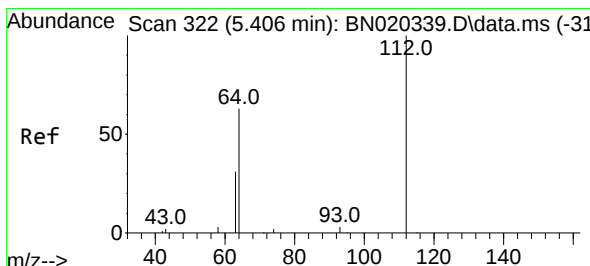
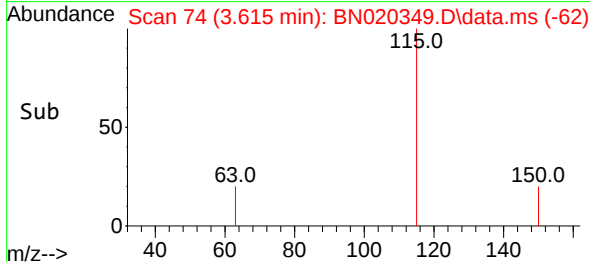
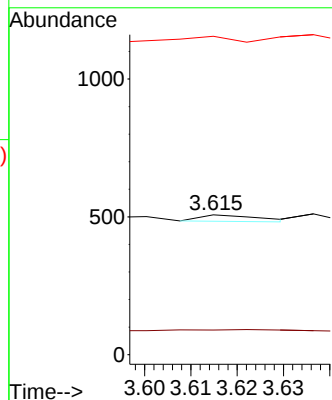
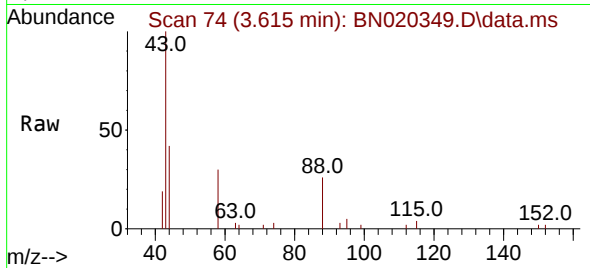




#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.615 min Scan# 74
Delta R.T. -0.014 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

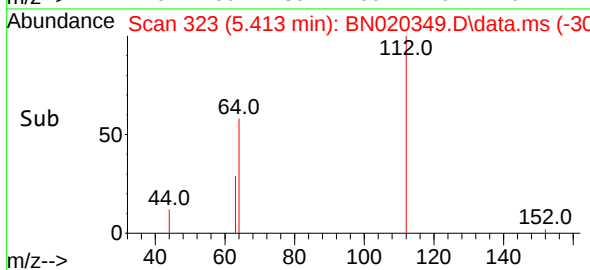
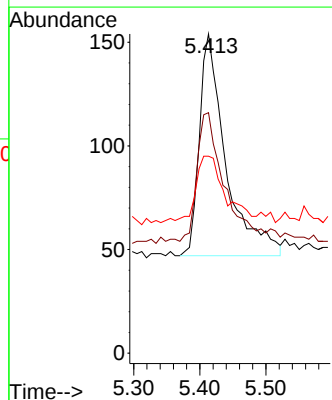
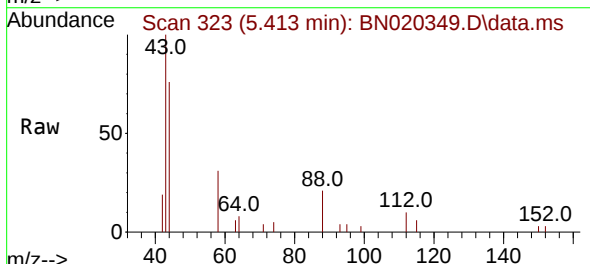
Instrument :
BNA_N
ClientSampleId :
SP-100-20220616

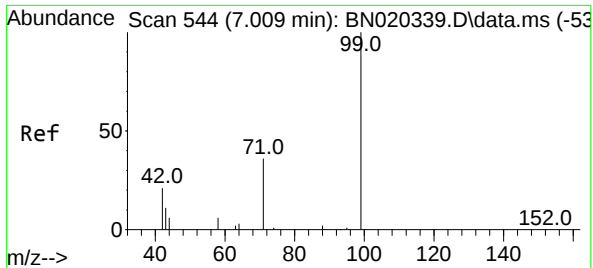
Tgt Ion: 42 Resp: 21
Ion Ratio Lower Upper
42 100
74 23.8 84.0 126.0#
44 76.2 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.007 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

Tgt Ion: 112 Resp: 298
Ion Ratio Lower Upper
112 100
64 60.7 49.1 73.7
63 33.2 26.3 39.5

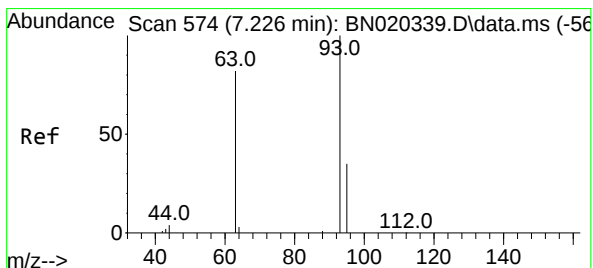
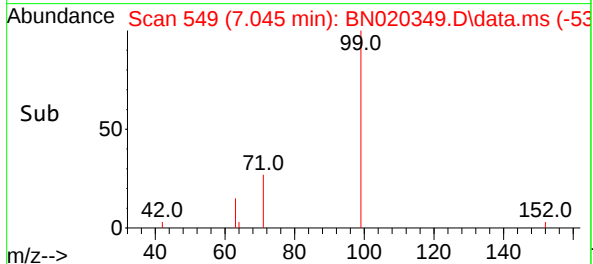
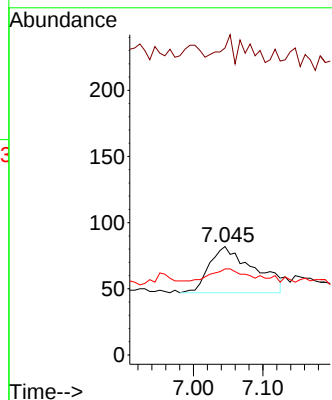
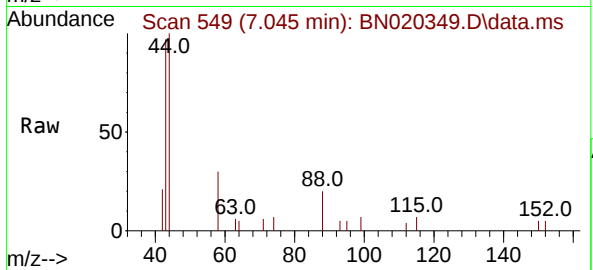




#5
Phenol-d6
Concen: 0.046 ng
RT: 7.045 min Scan# 544
Delta R.T. 0.036 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

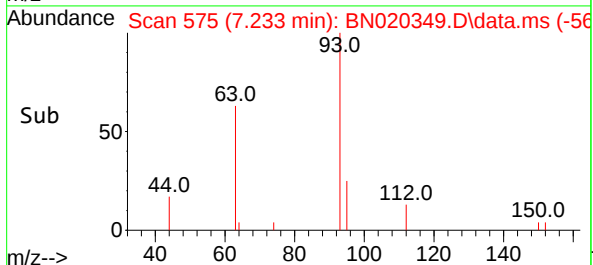
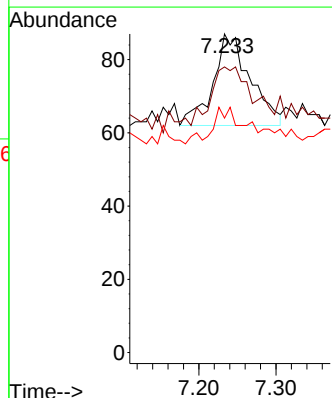
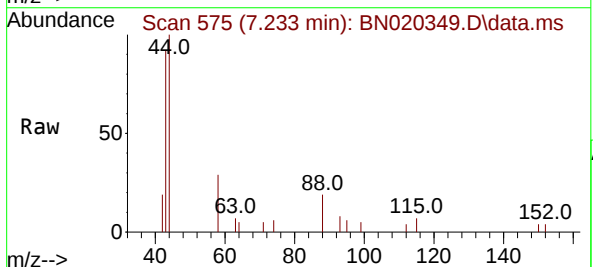
Instrument :
BNA_N
ClientSampleId :
SP-100-20220616

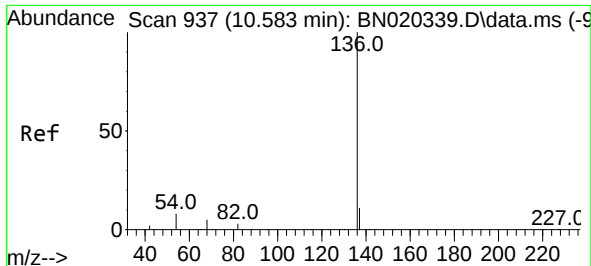
Tgt Ion: 99 Resp: 156
Ion Ratio Lower Upper
99 100
42 14.7 19.3 28.9#
71 28.2 27.5 41.3



#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 7.233 min Scan# 575
Delta R.T. 0.007 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

Tgt Ion: 93 Resp: 84
Ion Ratio Lower Upper
93 100
63 71.4 67.4 101.0
95 26.2 26.5 39.7#

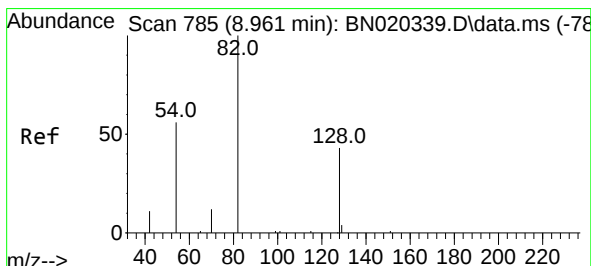
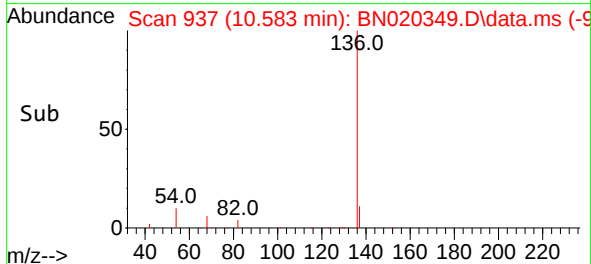
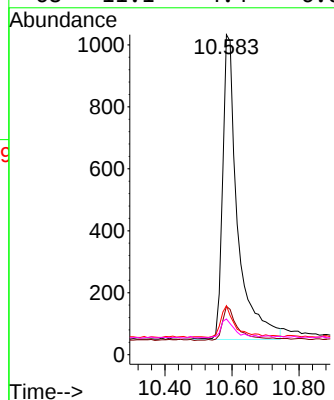
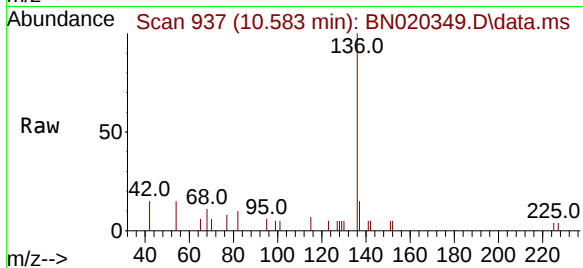




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

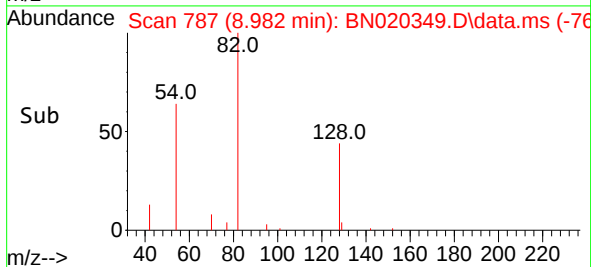
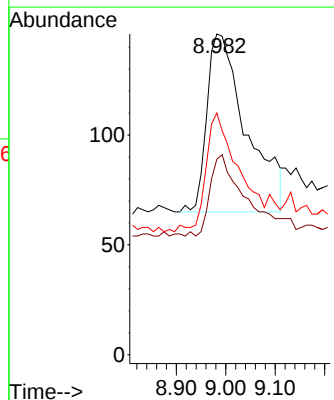
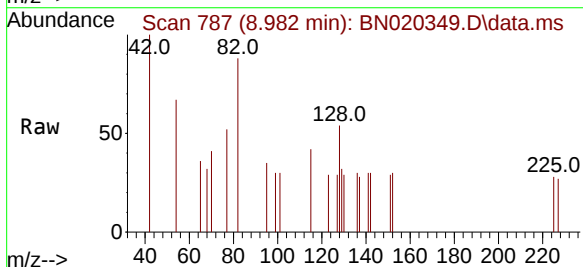
Instrument :
BNA_N
ClientSampleId :
SP-100-20220616

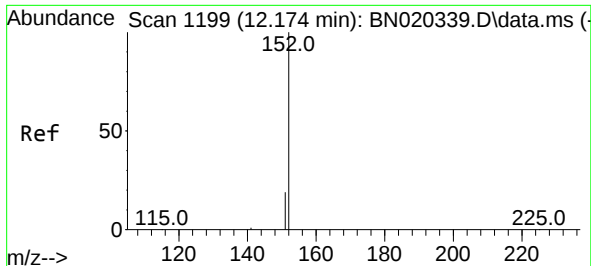
Tgt Ion:	136	Resp:	3046
Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.0	13.6#
54	15.3	6.2	9.2#
68	11.1	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.212 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.021 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

Tgt Ion:	82	Resp:	450
Ion	Ratio	Lower	Upper
82	100		
128	61.0	35.0	52.6#
54	75.3	46.2	69.4#

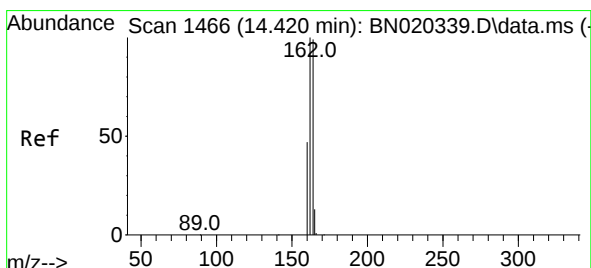
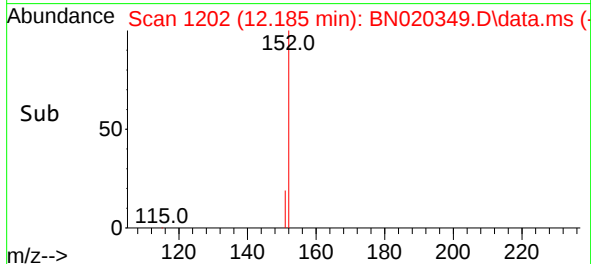
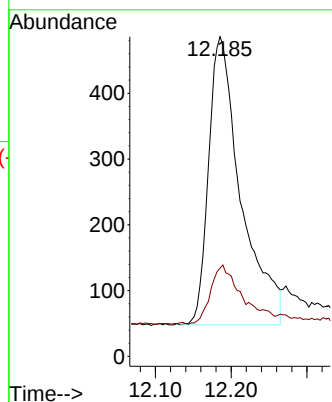
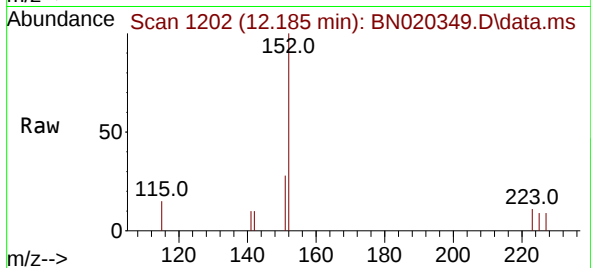




#11
2-Methylnaphthalene-d10
Concen: 0.229 ng
RT: 12.185 min Scan# 1199
Delta R.T. 0.011 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

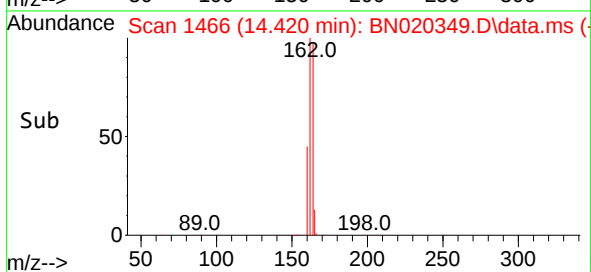
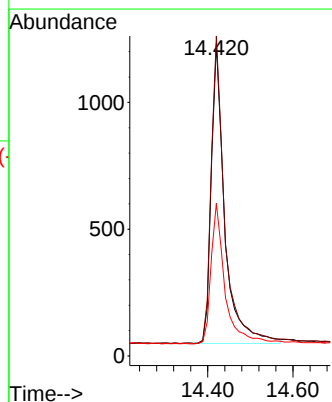
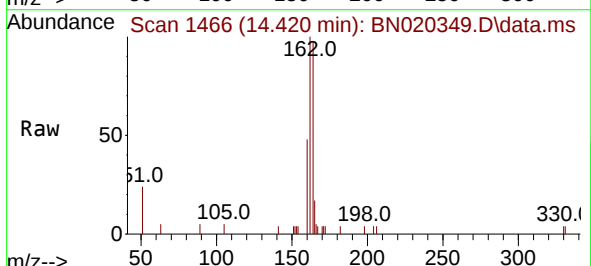
Instrument :
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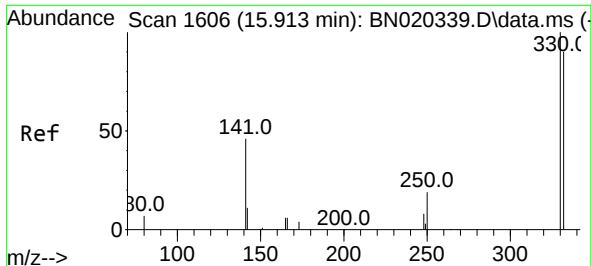
Tgt Ion:152 Resp: 1299
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

Tgt Ion:164 Resp: 2604
Ion Ratio Lower Upper
164 100
162 102.7 82.1 123.1
160 49.0 38.6 58.0

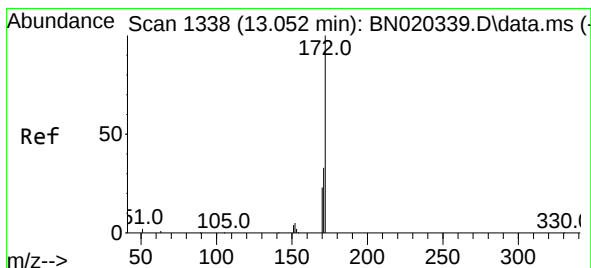
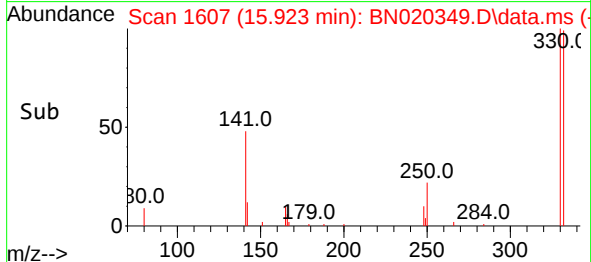
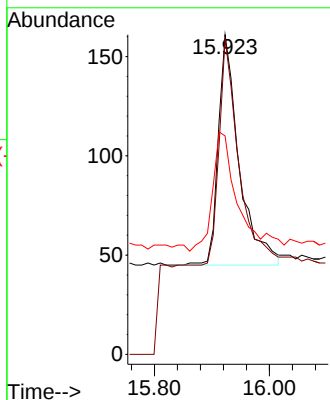
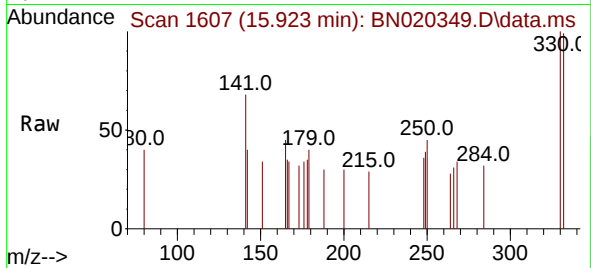




#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.923 min Scan# 1607
Delta R.T. 0.010 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

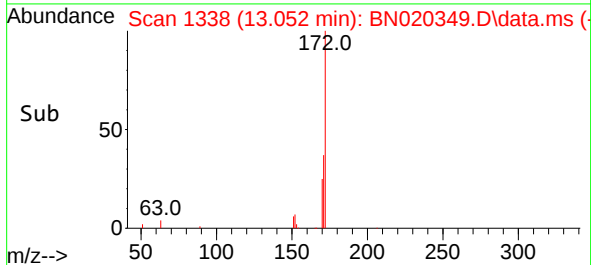
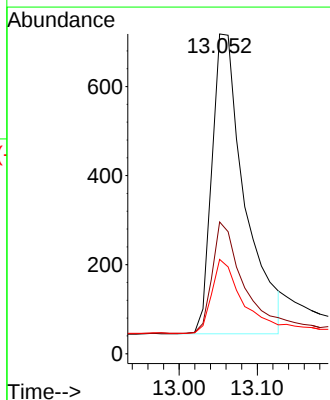
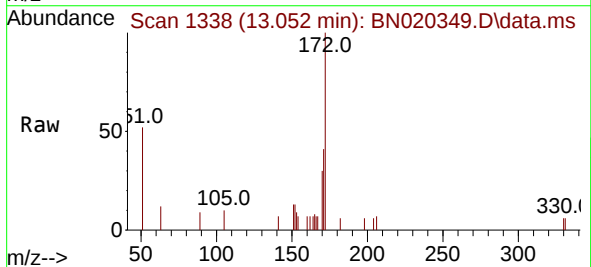
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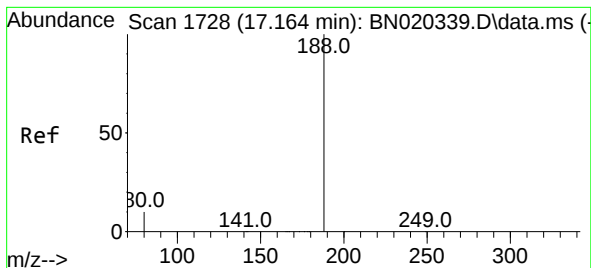
Tgt Ion:330 Resp: 292
Ion Ratio Lower Upper
330 100
332 92.8 77.6 116.4
141 63.0 41.0 61.4#



#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 13.052 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

Tgt Ion:172 Resp: 1961
Ion Ratio Lower Upper
172 100
171 41.2 27.2 40.8#
170 29.5 18.2 27.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN020349.D

Acq: 22 Jun 2022 18:36

Instrument :

BNA_N

ClientSampleId :

SP-100-20220616

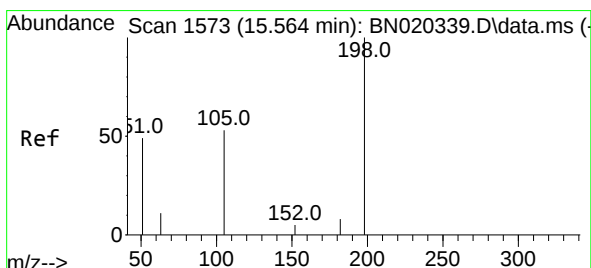
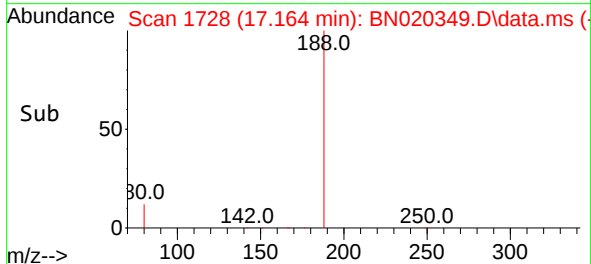
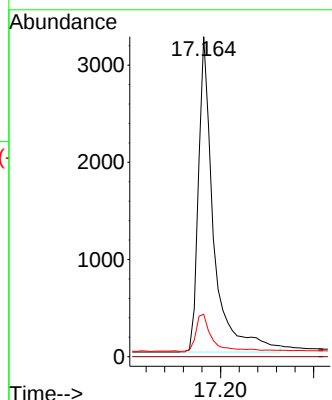
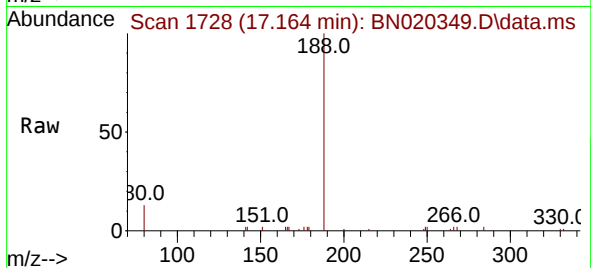
Tgt Ion:188 Resp: 7384

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 7.4 11.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.553 min Scan# 1572

Delta R.T. -0.011 min

Lab File: BN020349.D

Acq: 22 Jun 2022 18:36

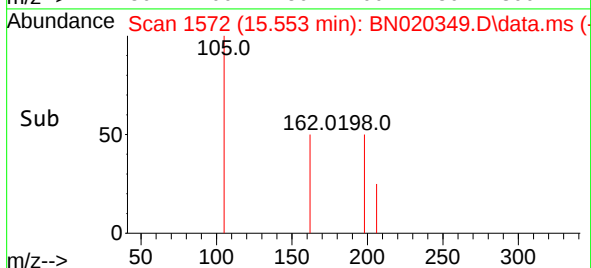
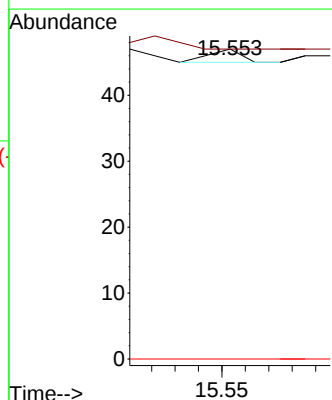
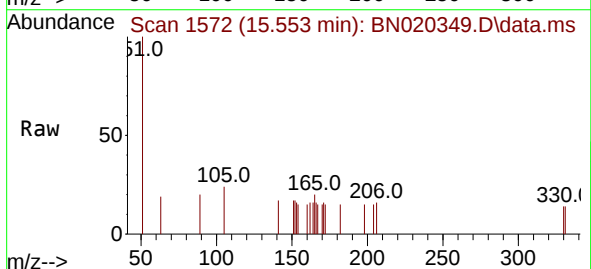
Tgt Ion:198 Resp: 2

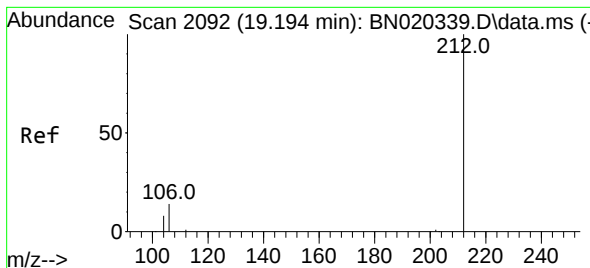
Ion Ratio Lower Upper

198 100

182 100.0 12.1 18.1#

77 0.0 0.0 0.0

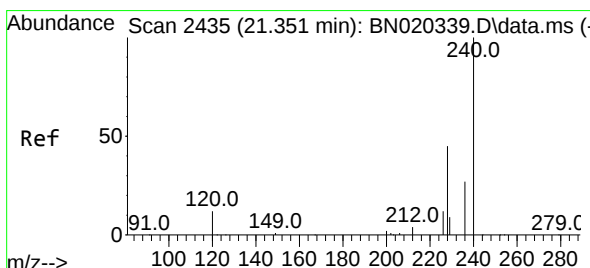
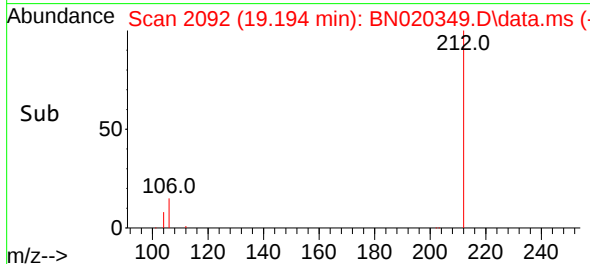
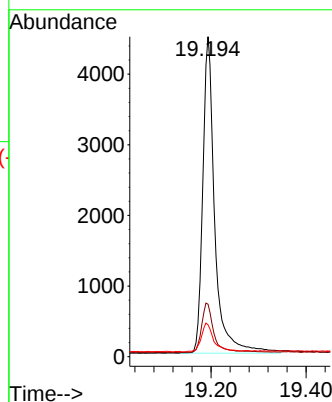
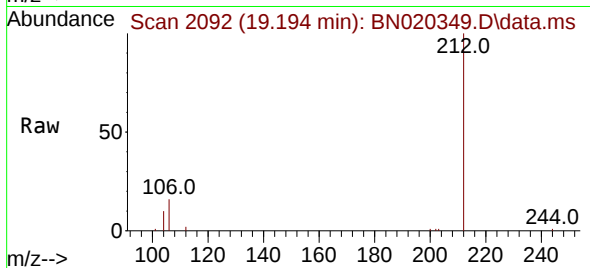




#27
Fluoranthene-d10
Concen: 0.304 ng
RT: 19.194 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

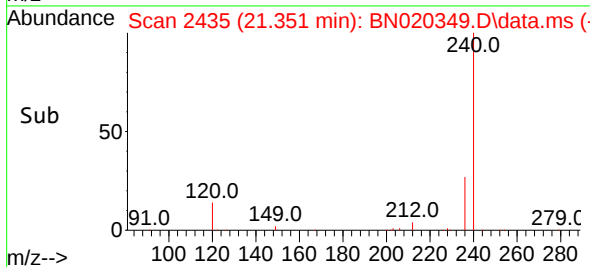
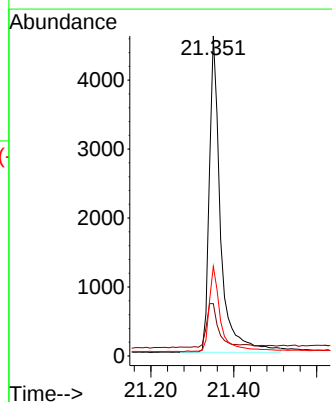
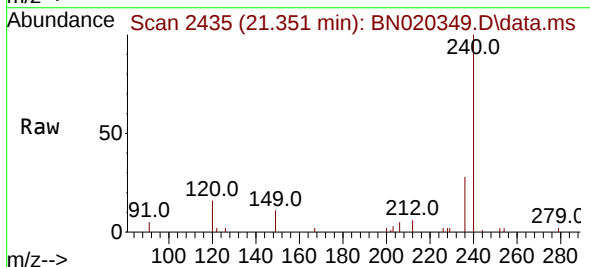
Instrument :
BNA_N
ClientSampleId :
SP-100-20220616

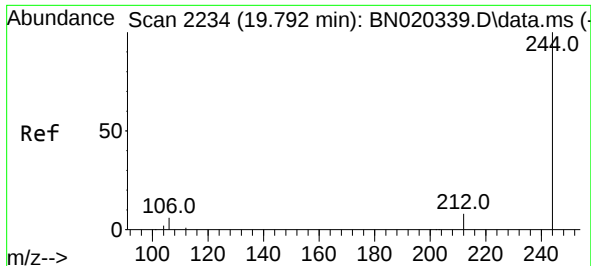
Tgt Ion:212 Resp: 7869
Ion Ratio Lower Upper
212 100
106 15.2 12.6 19.0
104 9.4 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.351 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN020349.D
Acq: 22 Jun 2022 18:36

Tgt Ion:240 Resp: 8697
Ion Ratio Lower Upper
240 100
120 16.4 14.6 21.8
236 28.0 22.6 33.8

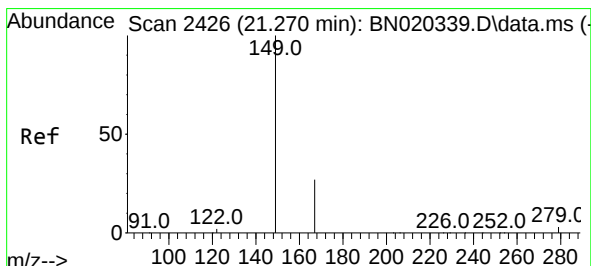
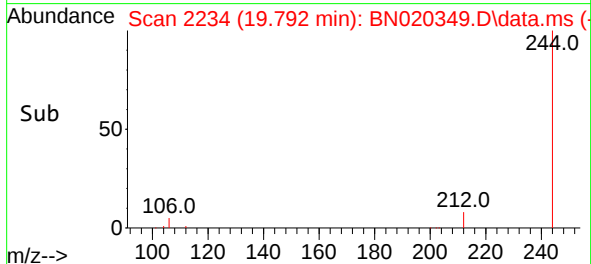
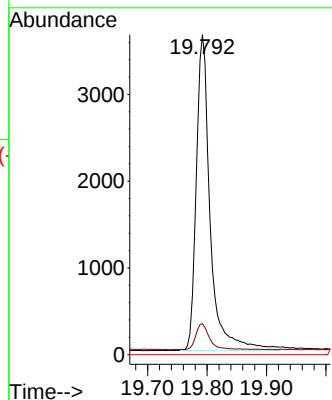
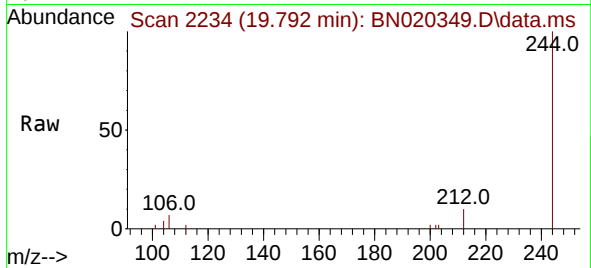




#31
 Terphenyl-d14
 Concen: 0.342 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN020349.D
 Acq: 22 Jun 2022 18:36

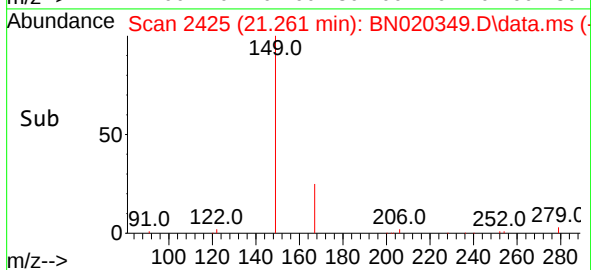
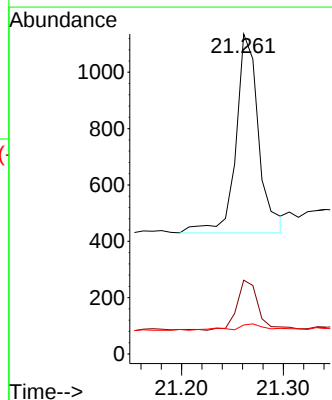
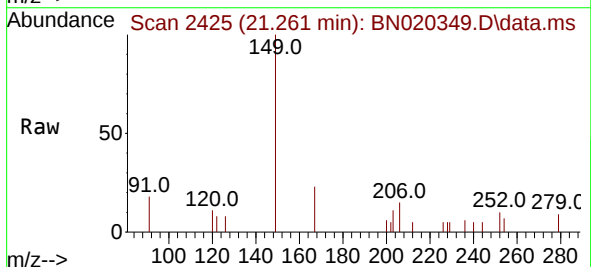
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220616

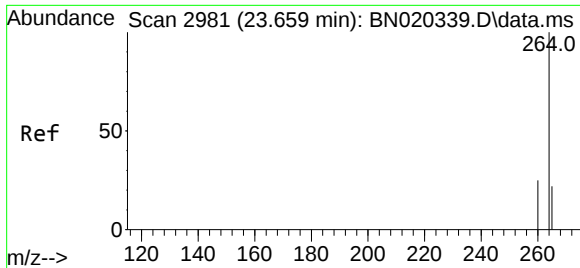
Tgt Ion:244 Resp: 5925
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.261 min Scan# 2425
 Delta R.T. -0.009 min
 Lab File: BN020349.D
 Acq: 22 Jun 2022 18:36

Tgt Ion:149 Resp: 1093
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.7 32.5
 279 5.2 2.2 3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.662 min Scan# 2981

Delta R.T. 0.003 min

Lab File: BN020349.D

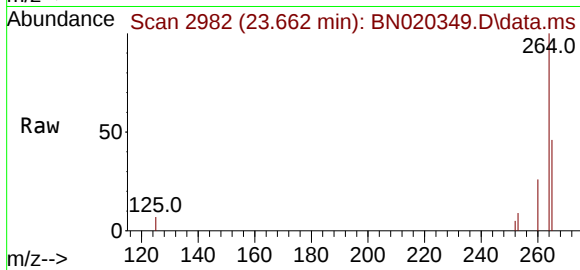
Acq: 22 Jun 2022 18:36

Instrument :

BNA_N

ClientSampleId :

SP-100-20220616



Tgt Ion:264 Resp: 9000

Ion Ratio Lower Upper

264 100

260 26.0 20.9 31.3

265 46.2 28.0 42.0#

