

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092220\
 Data File : BN011873.D
 Acq On : 23 Sep 2020 04:54
 Operator : CG/JU
 Sample : L4082-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20200915

Quant Time: Sep 23 08:30:04 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 14:36:55 2020
 Response via : Initial Calibration

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

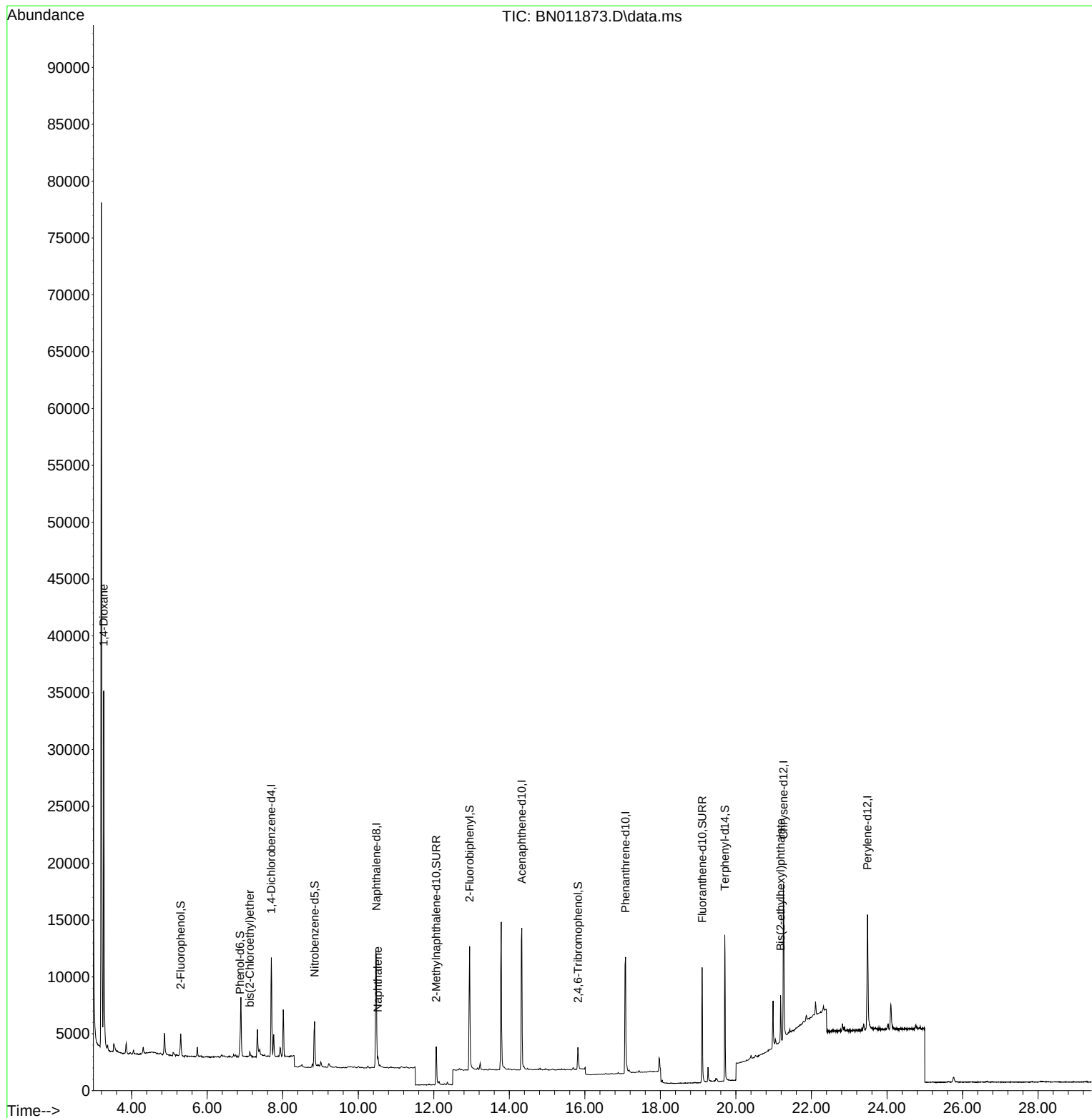
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	3764	0.40	ng	0.00
7) Naphthalene-d8	10.478	136	15802	0.40	ng	0.00
13) Acenaphthene-d10	14.331	164	8486	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	16844	0.40	ng	0.00
29) Chrysene-d12	21.258	240	15313	0.40	ng	#-0.01
36) Perylene-d12	23.484	264	14969	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	1305	0.12	ng	0.00
5) Phenol-d6	6.869	99	961	0.07	ng	0.00
8) Nitrobenzene-d5	8.843	82	3628	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.064	152	5009	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	1464	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.948	172	9927	0.27	ng	0.00
27) Fluoranthene-d10	19.107	212	12048	0.23	ng	0.00
31) Terphenyl-d14	19.707	244	12633	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.261	88	17061	3.05	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.127	93	357	0.03	ng	96
9) Naphthalene	10.516	128	1039	0.02	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.184	149	3459	0.13	ng	92

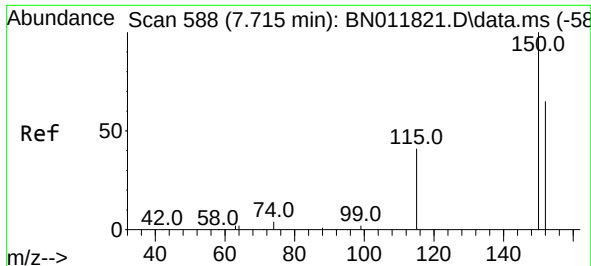
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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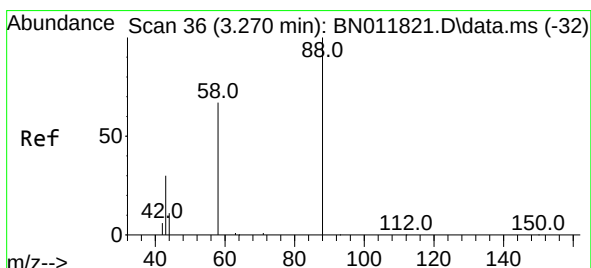
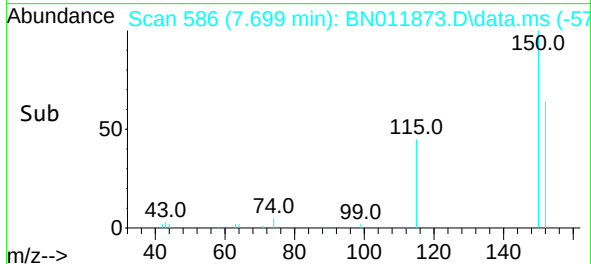
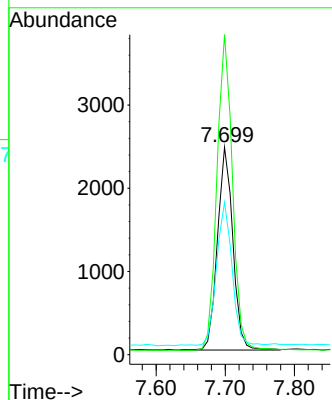
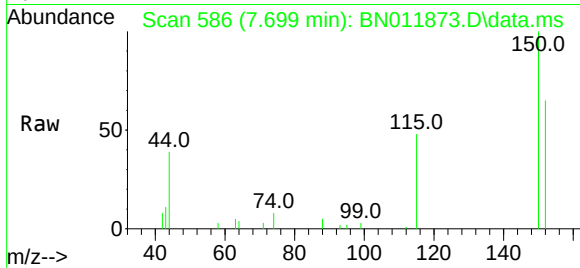




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.699 min Scan# 586
 Delta R.T. -0.000 min
 Lab File: BN011873.D
 Acq: 23 Sep 2020 04:54

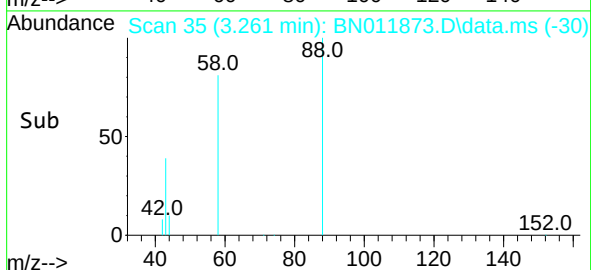
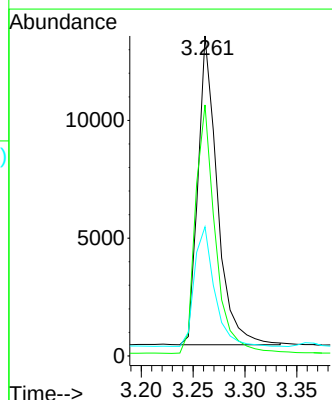
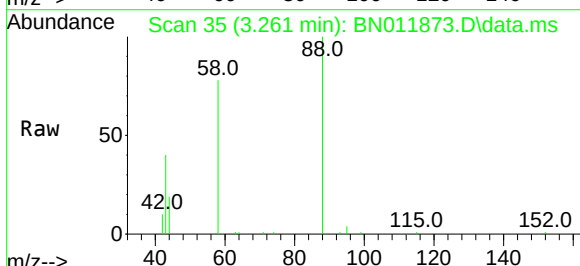
Instrument :
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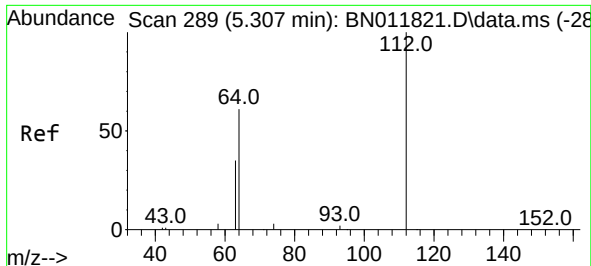
Tgt Ion:152 Resp: 3764
 Ion Ratio Lower Upper
 152 100
 150 154.1 118.3 177.5
 115 73.3 51.3 76.9



#2
 1,4-Dioxane
 Concen: 3.05 ng
 RT: 3.261 min Scan# 35
 Delta R.T. -0.008 min
 Lab File: BN011873.D
 Acq: 23 Sep 2020 04:54

Tgt Ion: 88 Resp: 17061
 Ion Ratio Lower Upper
 88 100
 58 82.0 63.3 94.9
 43 40.1 33.0 49.4

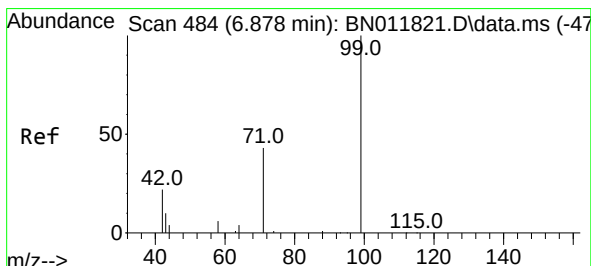
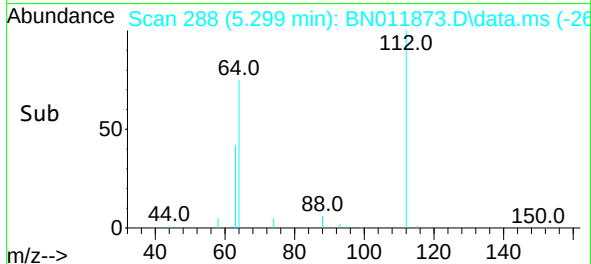
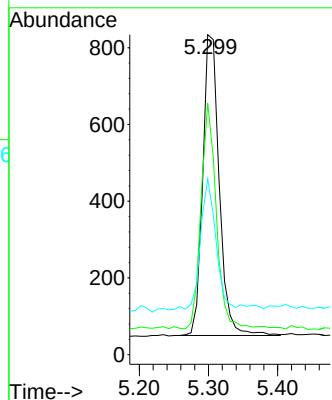
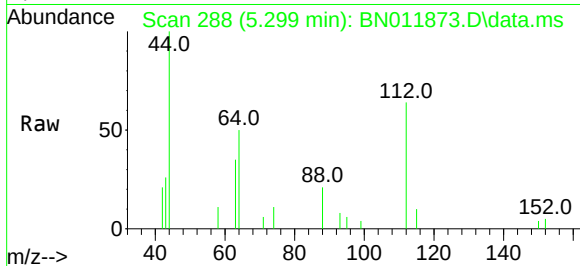




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.299 min Scan# 288
Delta R.T. -0.008 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

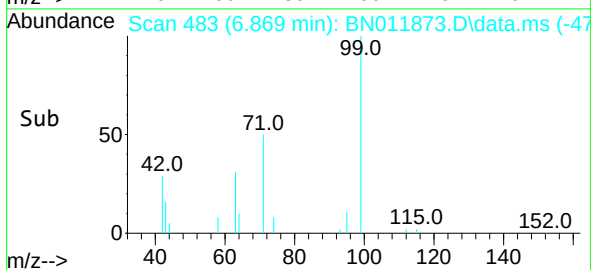
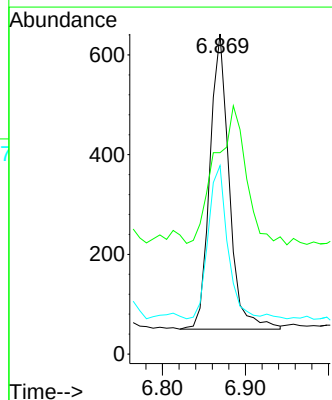
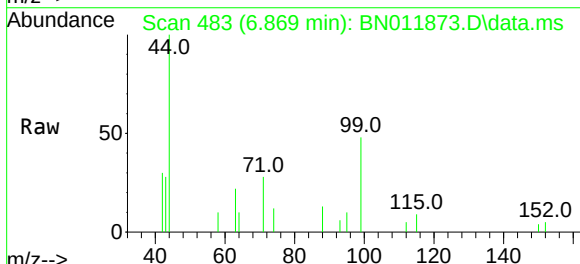
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ClientSampleId :
RE105D1-20200915

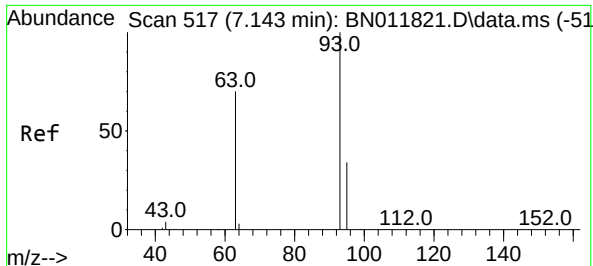
Tgt Ion:112 Resp: 1305
Ion Ratio Lower Upper
112 100
64 70.1 49.0 73.6
63 40.2 31.8 47.6



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.869 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

Tgt Ion: 99 Resp: 961
Ion Ratio Lower Upper
99 100
42 75.3 23.4 35.0#
71 51.9 38.1 57.1

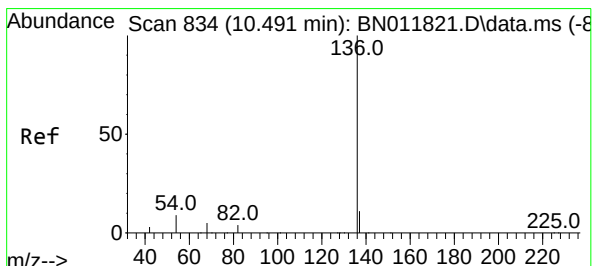
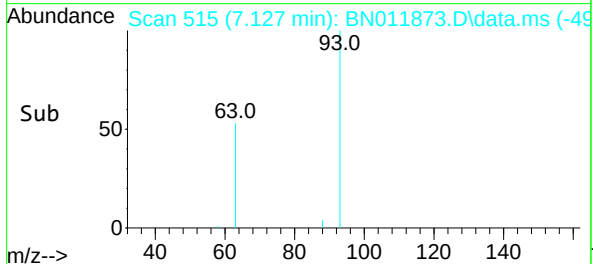
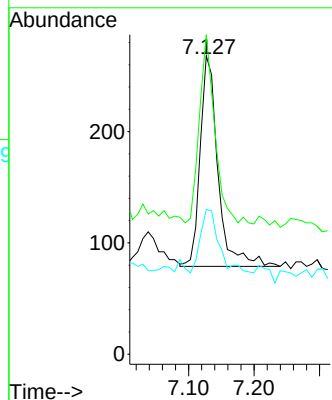
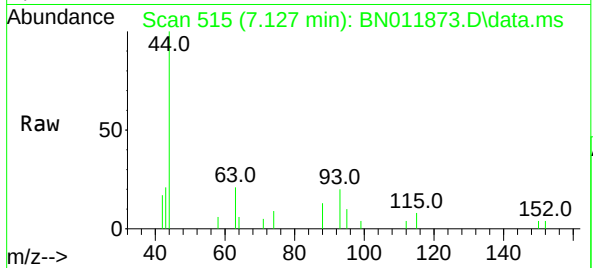




#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.127 min Scan# 515
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

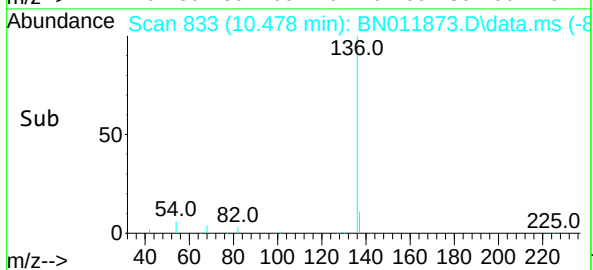
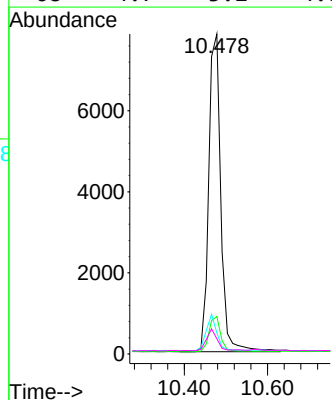
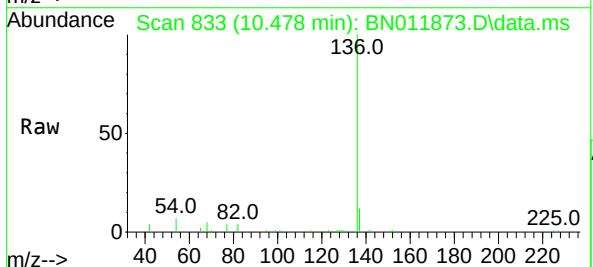
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BNA_N
ClientSampleId :
RE105D1-20200915

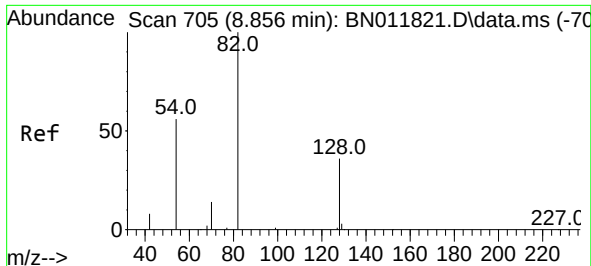
Tgt Ion: 93 Resp: 357
Ion Ratio Lower Upper
93 100
63 79.3 61.1 91.7
95 34.5 25.5 38.3



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.478 min Scan# 833
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

Tgt Ion: 136 Resp: 15802
Ion Ratio Lower Upper
136 100
137 11.7 9.5 14.3
54 6.6 5.6 8.4
68 4.7 3.2 4.8

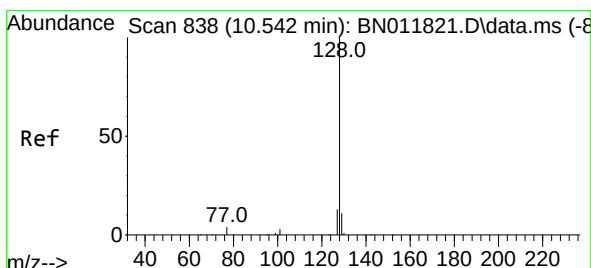
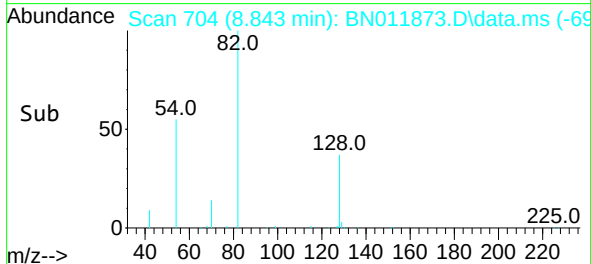
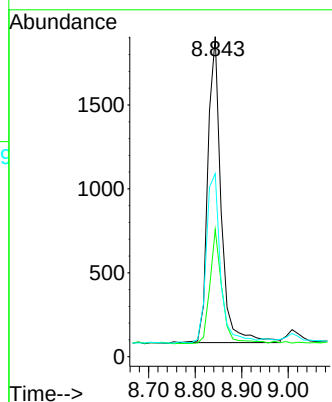
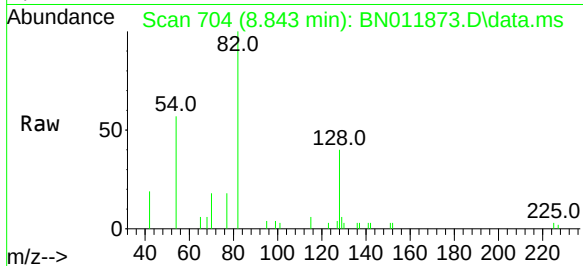




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.843 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

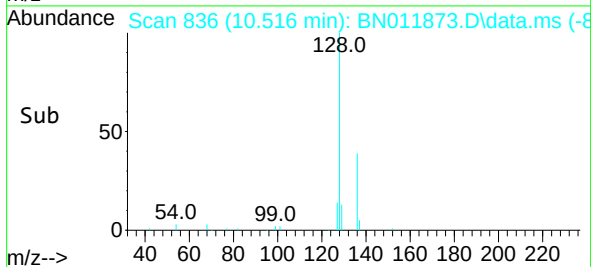
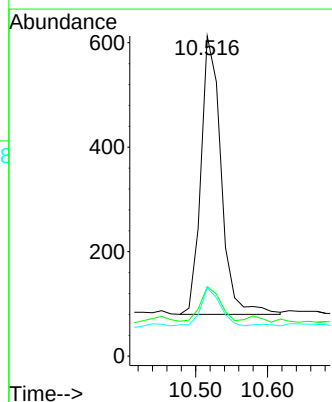
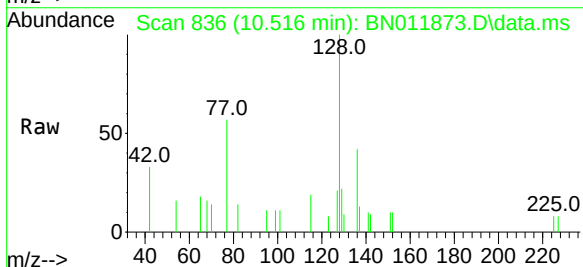
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ClientSampleId :
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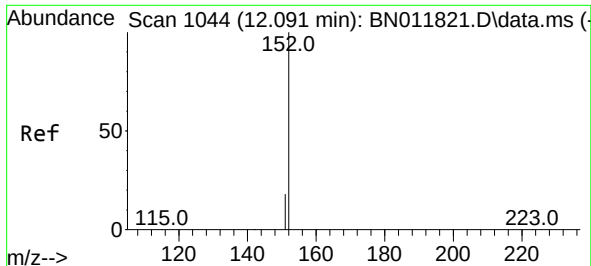
Tgt Ion: 82 Resp: 3628
Ion Ratio Lower Upper
82 100
128 39.7 34.2 51.2
54 57.2 43.1 64.7



#9
Naphthalene
Concen: 0.02 ng
RT: 10.516 min Scan# 836
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

Tgt Ion: 128 Resp: 1039
Ion Ratio Lower Upper
128 100
129 21.7 9.7 14.5#
127 21.4 11.0 16.4#

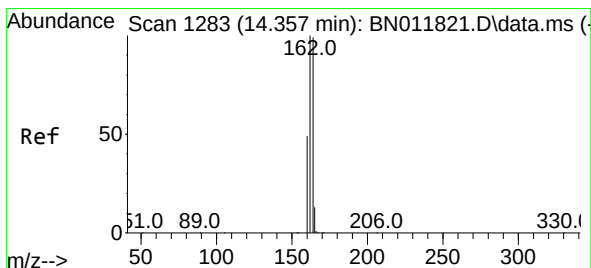
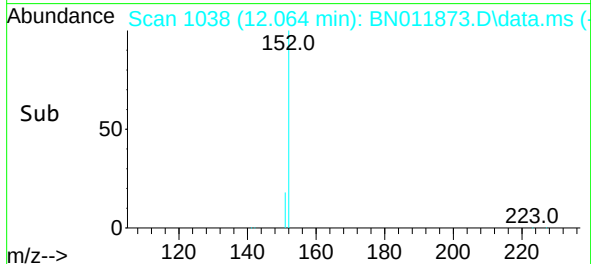
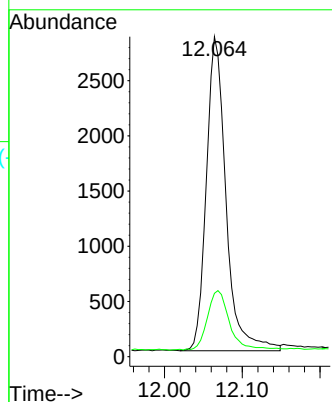
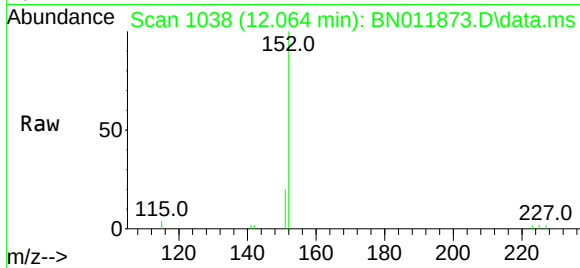




#11
2-Methylnaphthalene-d10
Concen: 0.18 ng
RT: 12.064 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

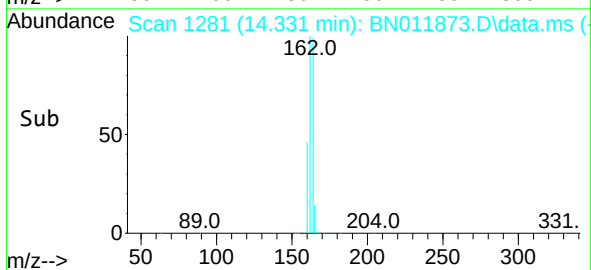
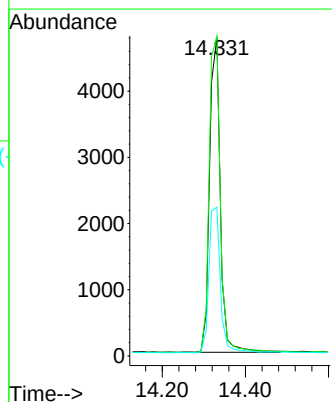
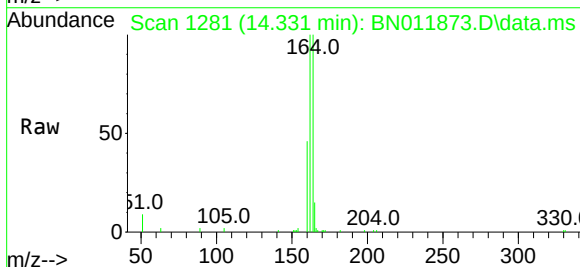
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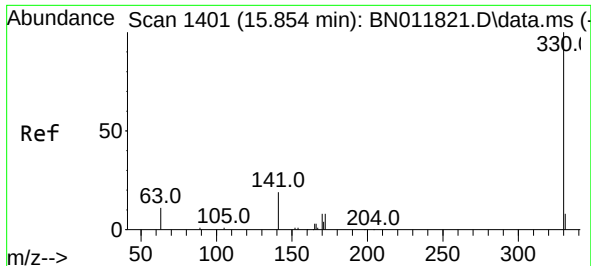
Tgt Ion:152 Resp: 5009
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.331 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

Tgt Ion:164 Resp: 8486
Ion Ratio Lower Upper
164 100
162 100.5 83.6 125.4
160 46.7 41.2 61.8

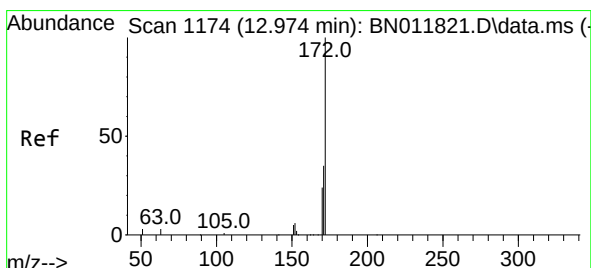
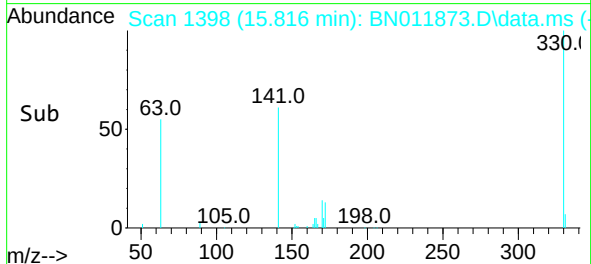
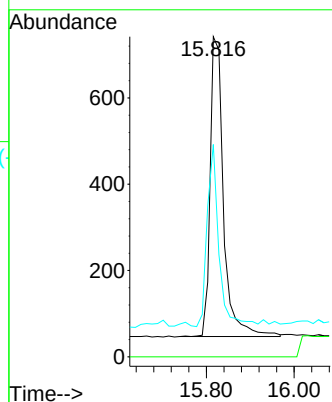
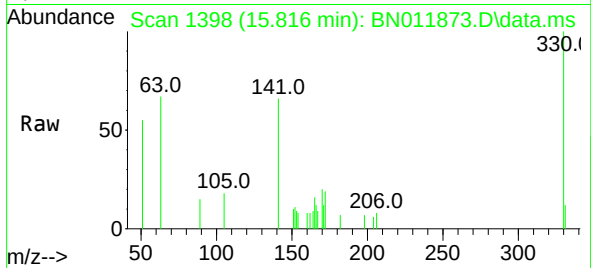




#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.816 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

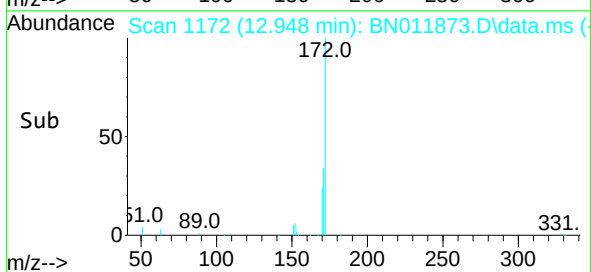
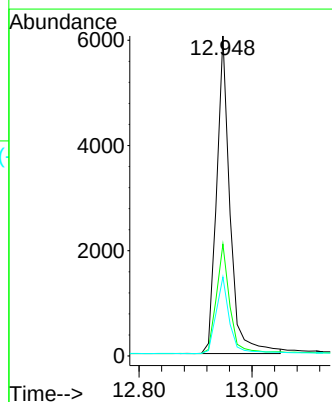
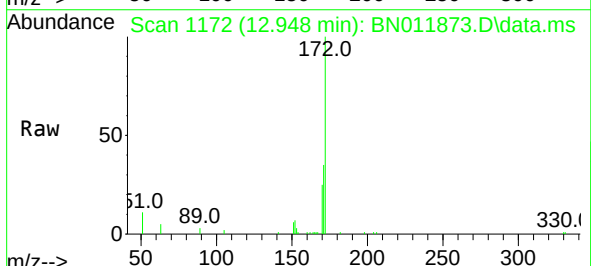
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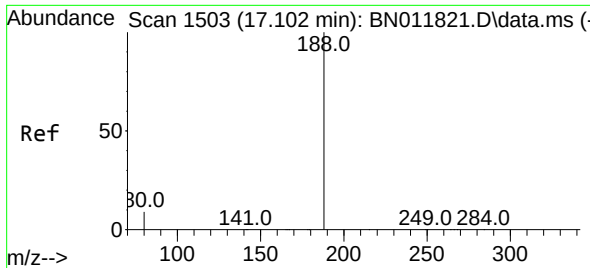
Tgt Ion:330 Resp: 1464
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.6 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.948 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

Tgt Ion:172 Resp: 9927
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.2
170 24.7 17.8 26.6

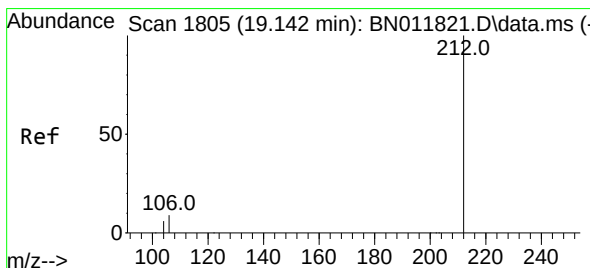
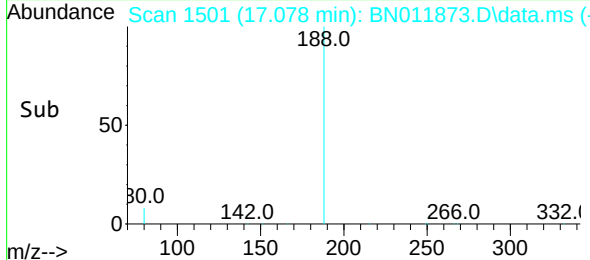
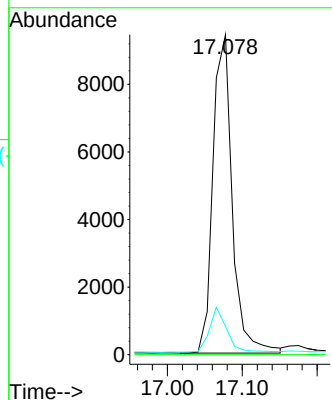
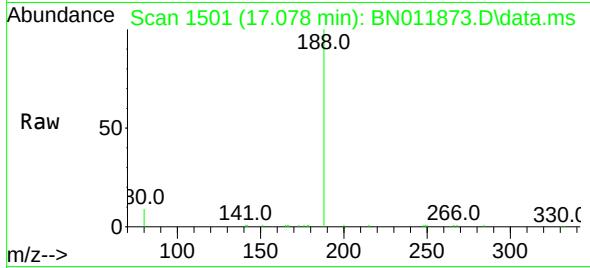




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

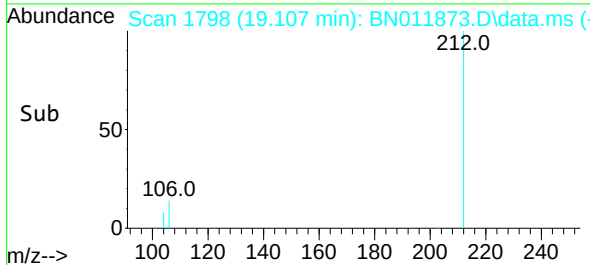
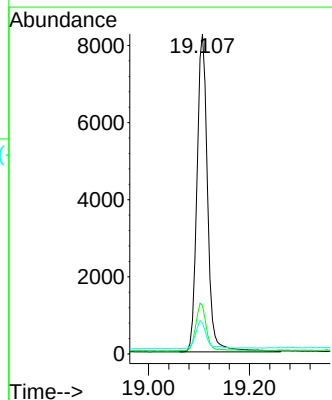
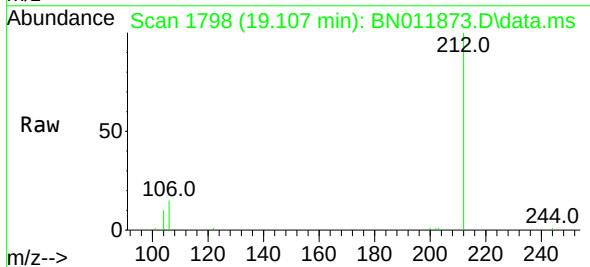
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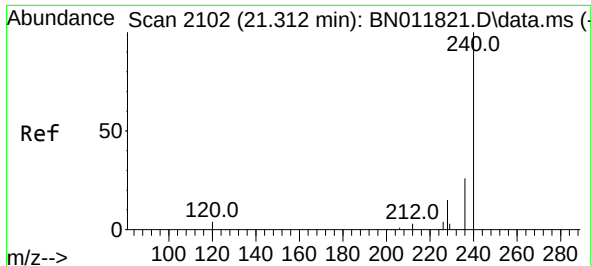
Tgt Ion:188 Resp: 16844
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.7 11.5



#27
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.107 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN011873.D
Acq: 23 Sep 2020 04:54

Tgt Ion:212 Resp: 12048
Ion Ratio Lower Upper
212 100
106 15.3 6.4 9.6#
104 9.0 3.9 5.9#





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.258 min Scan# 2097

Delta R.T. -0.011 min

Lab File: BN011873.D

Acq: 23 Sep 2020 04:54

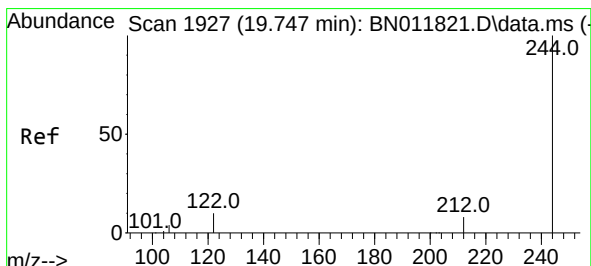
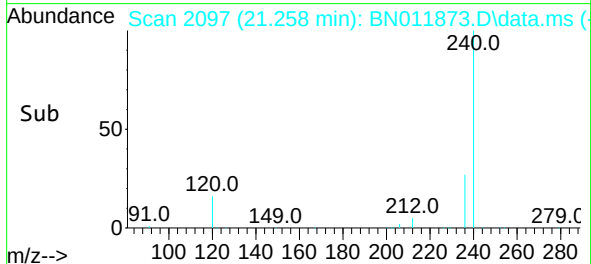
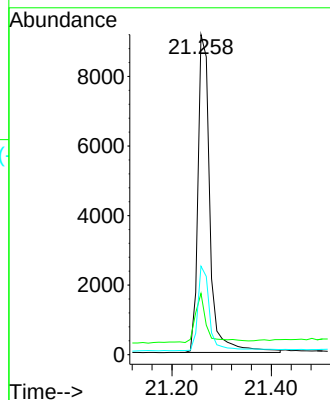
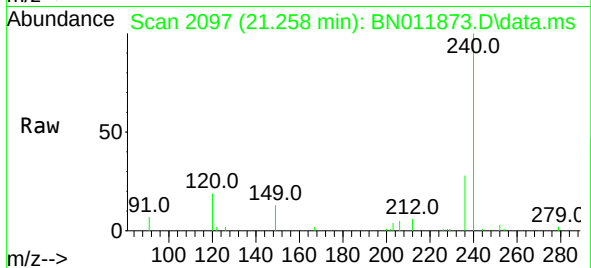
Tgt Ion:240 Resp: 15313

Ion Ratio Lower Upper

240 100

120 19.1 3.5 5.3#

236 27.7 20.5 30.7



#31

Terphenyl-d14

Concen: 0.36 ng

RT: 19.707 min Scan# 1919

Delta R.T. -0.005 min

Lab File: BN011873.D

Acq: 23 Sep 2020 04:54

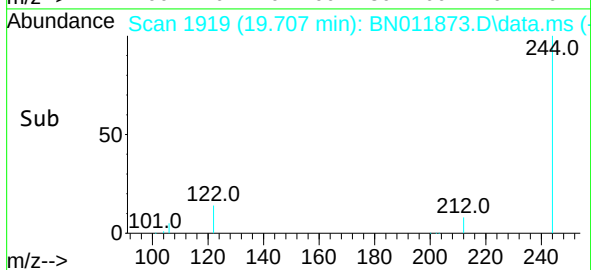
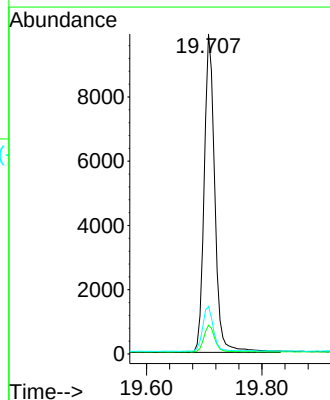
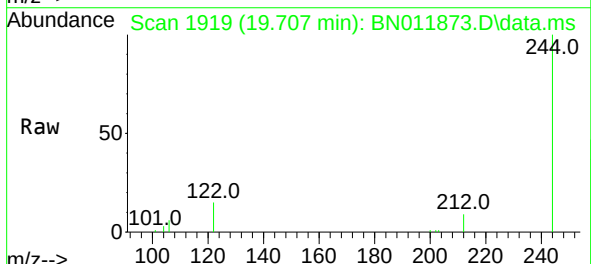
Tgt Ion:244 Resp: 12633

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

122 14.8 7.8 11.6#

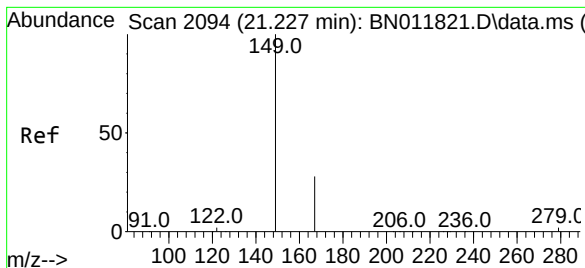


Instrument :

BNA_N

ClientSampleId :

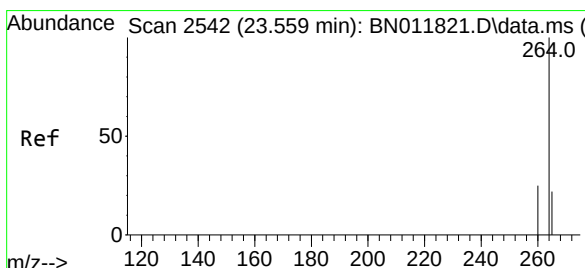
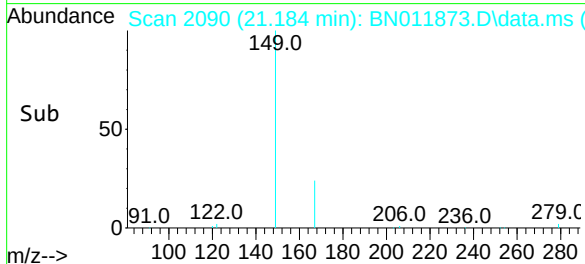
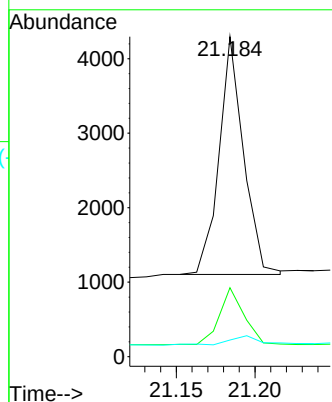
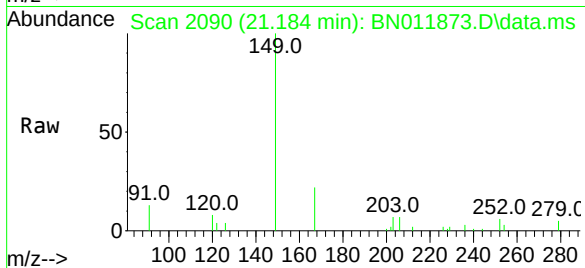
RE105D1-20200915



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 21.184 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: BN011873.D
 Acq: 23 Sep 2020 04:54

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20200915

Tgt Ion:149 Resp: 3459
 Ion Ratio Lower Upper
 149 100
 167 24.4 23.6 35.4
 279 5.8 4.0 6.0



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.484 min Scan# 2520
 Delta R.T. -0.007 min
 Lab File: BN011873.D
 Acq: 23 Sep 2020 04:54

Tgt Ion:264 Resp: 14969
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 64.1 38.6 58.0#

