

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
 Data File : BN013879.D
 Acq On : 08 Mar 2021 20:47
 Operator : CG/JU
 Sample : M1584-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-858-860

Quant Time: Mar 08 23:12:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 08 10:32:09 2021
 Response via : Initial Calibration

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

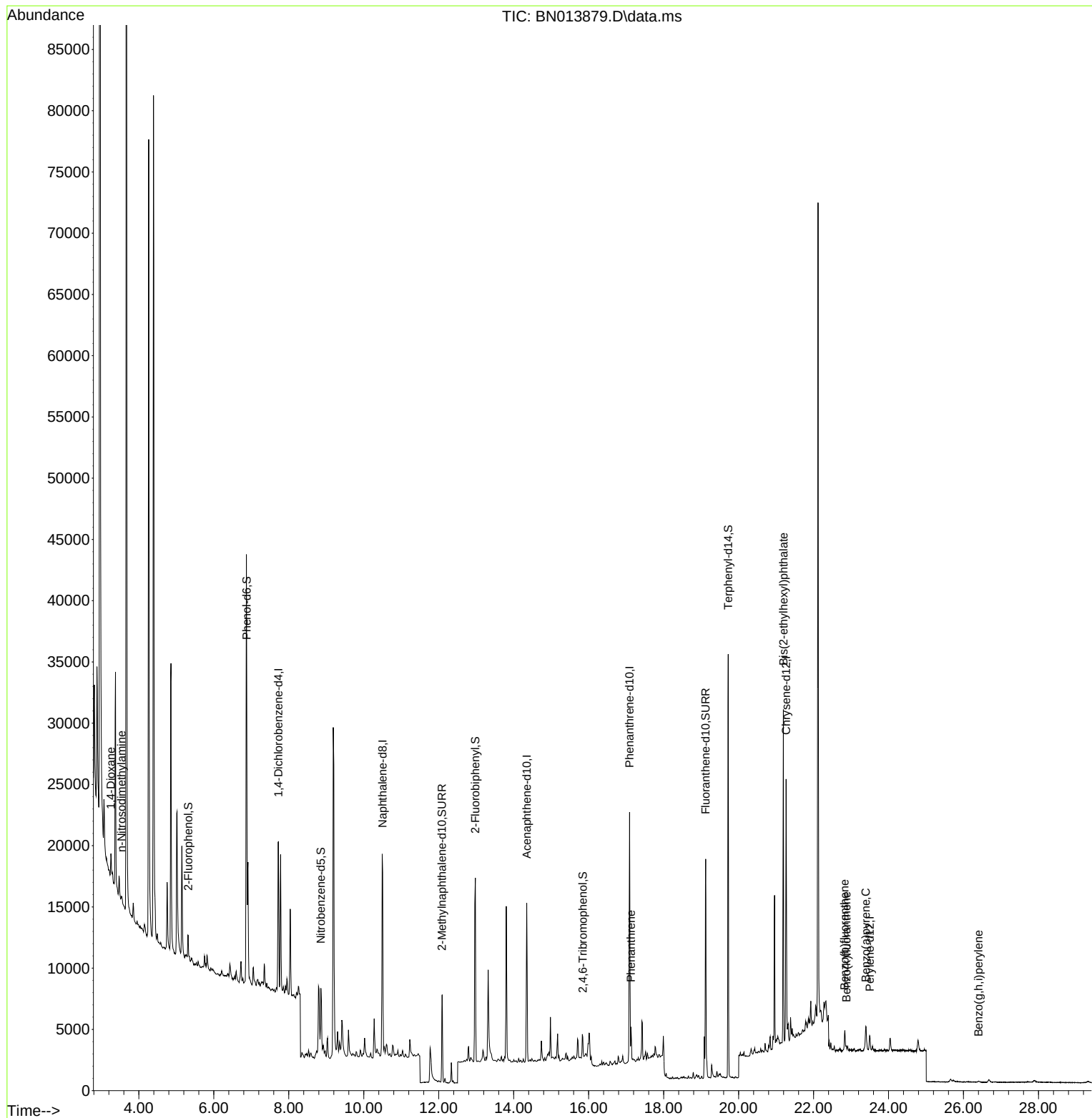
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5924	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	23410	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	6841	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	25963	0.40	ng	0.00
29) Chrysene-d12	21.268	240	18723	0.40	ng	# 0.00
36) Perylene-d12	23.497	264	1346	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	1651	0.10	ng	0.00
5) Phenol-d6	6.879	99	1475	0.07	ng	0.00
8) Nitrobenzene-d5	8.857	82	4689	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	9137	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1500	0.54	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	14307	0.59	ng	0.00
27) Fluoranthene-d10	19.121	212	19906	0.26	ng	0.00
31) Terphenyl-d14	19.722	244	33136	0.80	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.255	88	1322	0.18	ng	# 46
3) n-Nitrosodimethylamine	3.537	42	315	0.06	ng	# 4
25) Phenanthrene	17.128	178	2986	0.04	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.194	149	23820	0.87	ng	# 99
37) Benzo(b)fluoranthene	22.826	252	695	0.16	ng	# 1
38) Benzo(k)fluoranthene	22.874	252	454	0.11	ng	# 1
39) Benzo(a)pyrene	23.394	252	765	0.20	ng	# 1
41) Benzo(g,h,i)perylene	26.403	276	89	0.02	ng	# 1

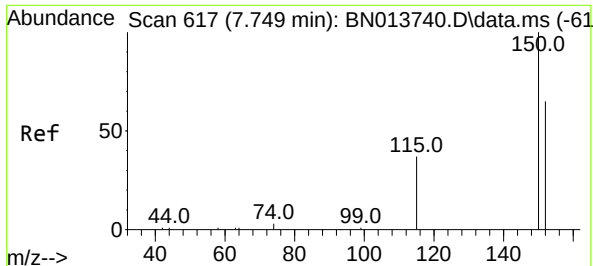
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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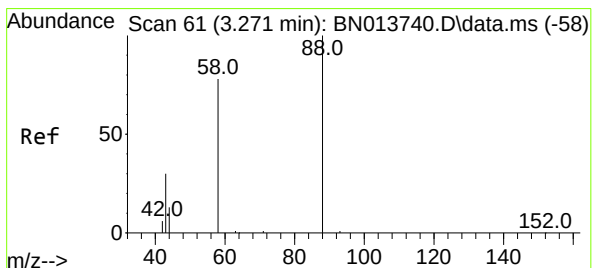
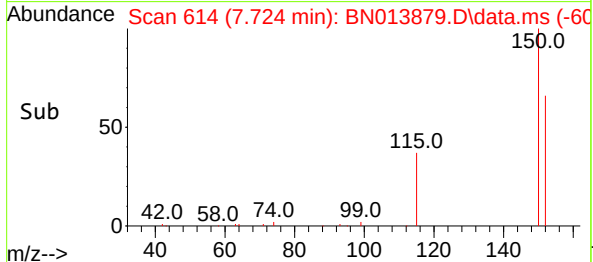
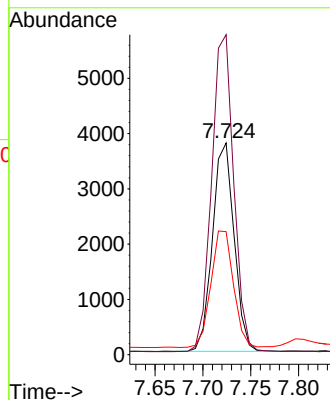
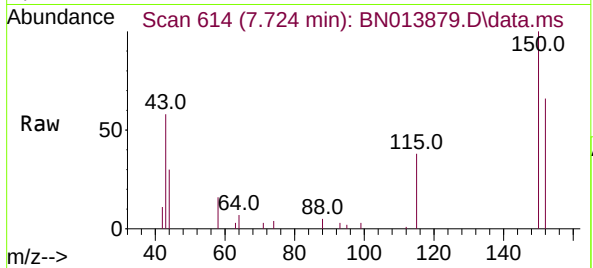




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.724 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: BN013879.D
 Acq: 08 Mar 2021 20:47

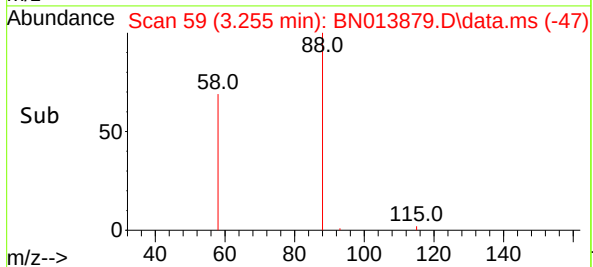
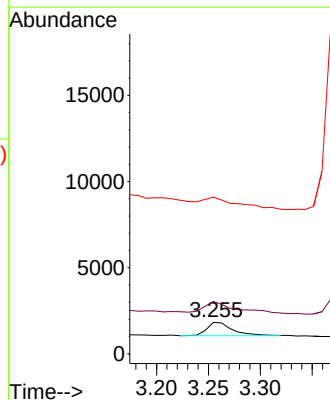
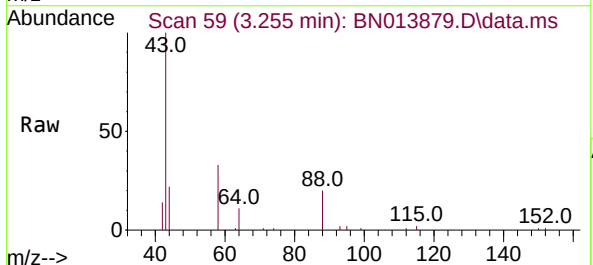
Instrument :
 BNA_N
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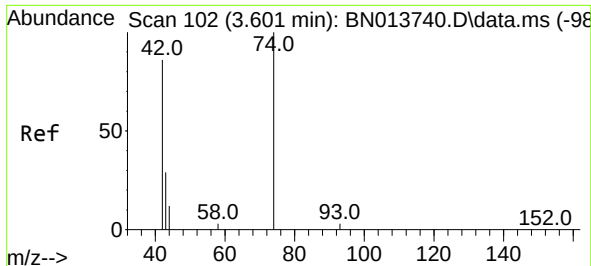
Tgt Ion:152 Resp: 5924
 Ion Ratio Lower Upper
 152 100
 150 151.2 121.8 182.8
 115 58.1 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.18 ng
 RT: 3.255 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BN013879.D
 Acq: 08 Mar 2021 20:47

Tgt Ion: 88 Resp: 1322
 Ion Ratio Lower Upper
 88 100
 58 96.4 64.6 96.8
 43 113.5 26.6 40.0#

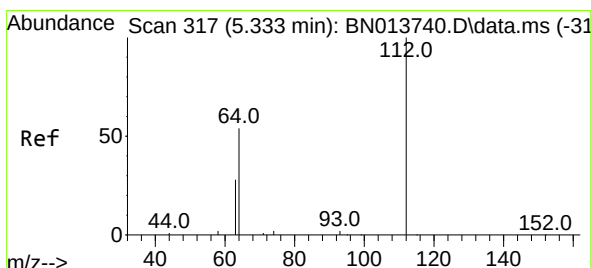
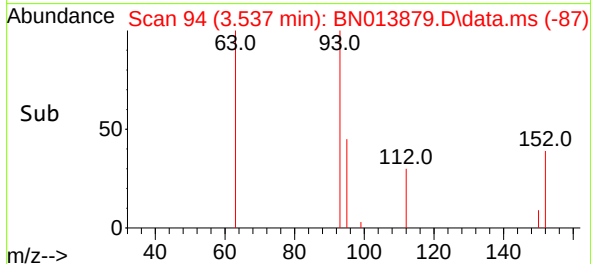
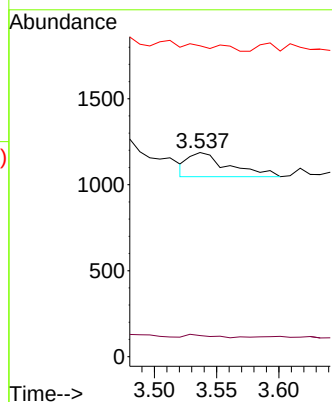
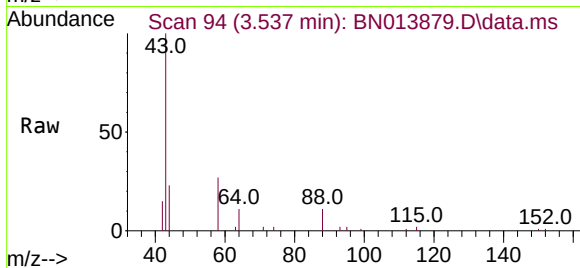




#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.537 min Scan# 94
Delta R.T. -0.040 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

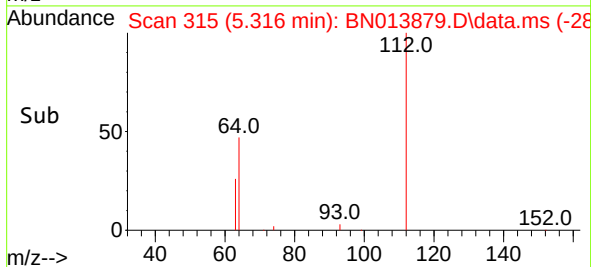
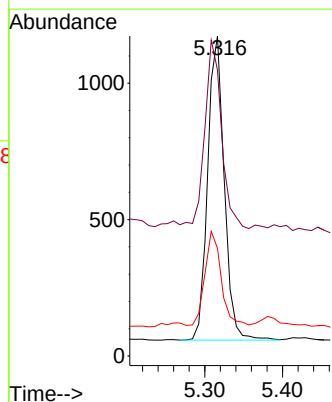
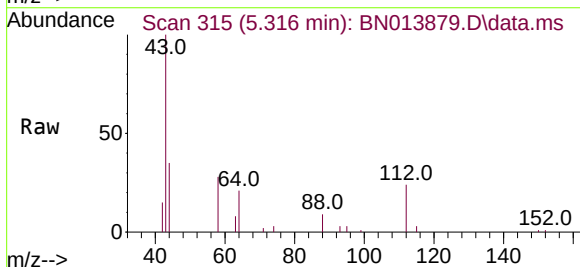
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ClientSampleId :
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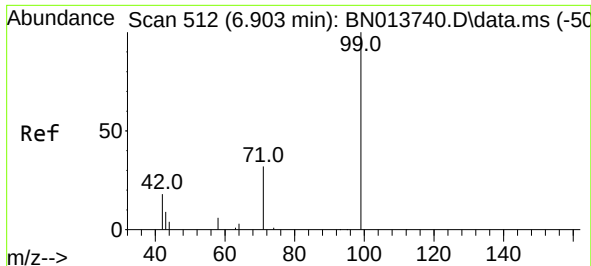
Tgt Ion: 42 Resp: 315
Ion Ratio Lower Upper
42 100
74 7.6 95.0 142.6#
44 0.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.316 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion: 112 Resp: 1651
Ion Ratio Lower Upper
112 100
64 63.1 44.3 66.5
63 31.1 23.0 34.6

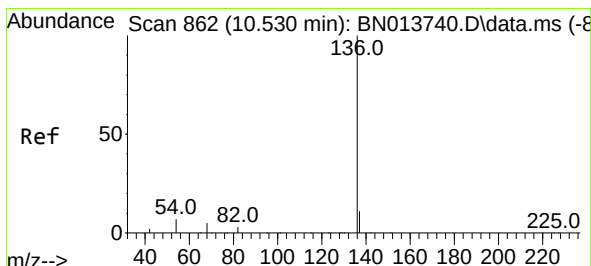
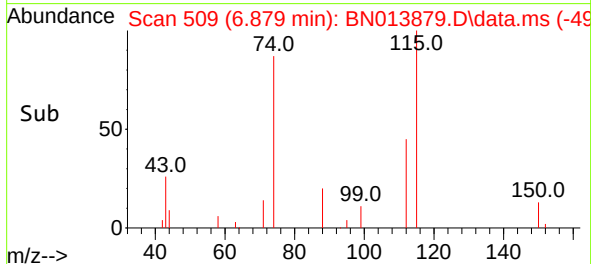
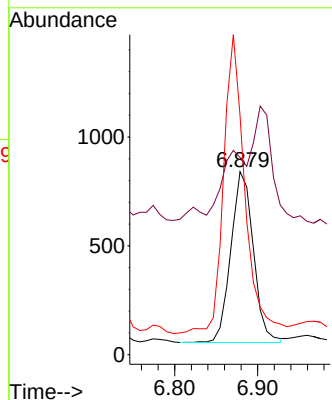
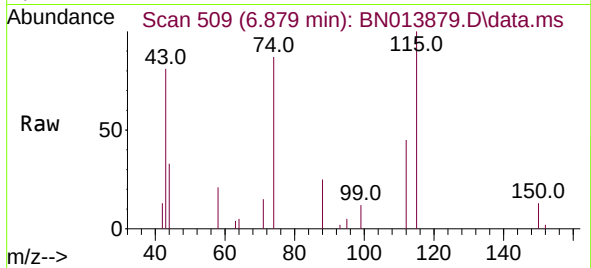




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.879 min Scan# 509
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

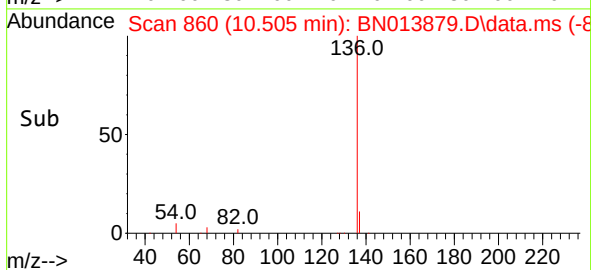
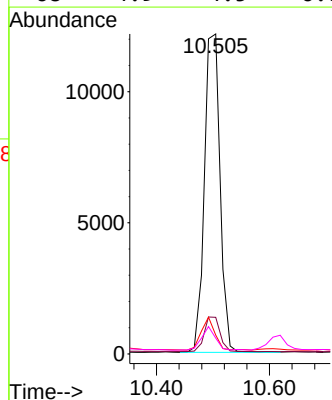
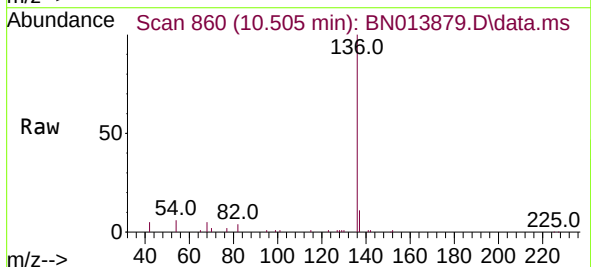
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ClientSampleId :
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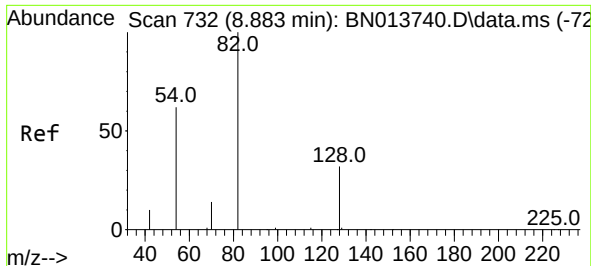
Tgt Ion: 99 Resp: 1475
Ion Ratio Lower Upper
99 100
42 45.5 15.2 22.8#
71 165.8 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion: 136 Resp: 23410
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 5.9 6.4 9.6#
68 4.9 4.5 6.7

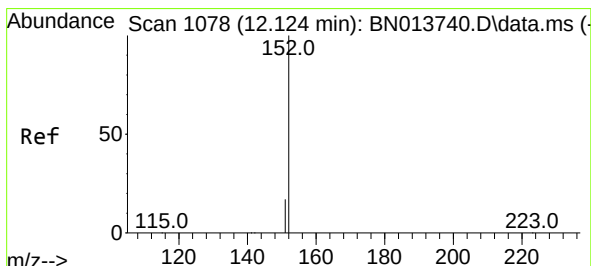
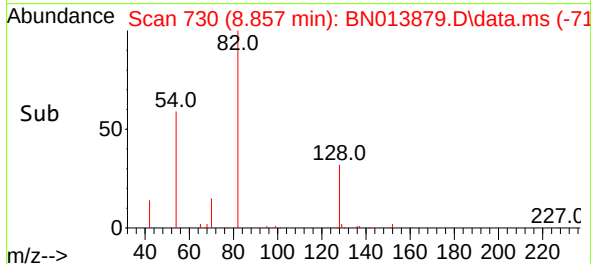
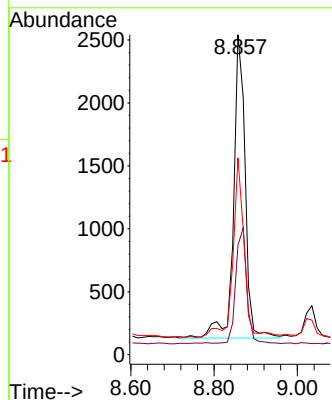
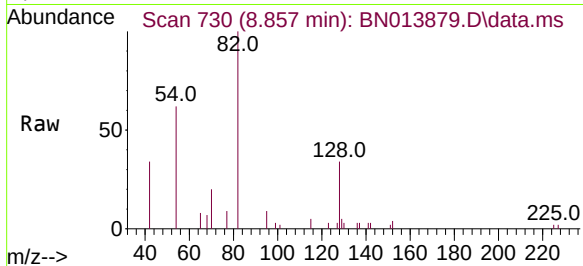




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

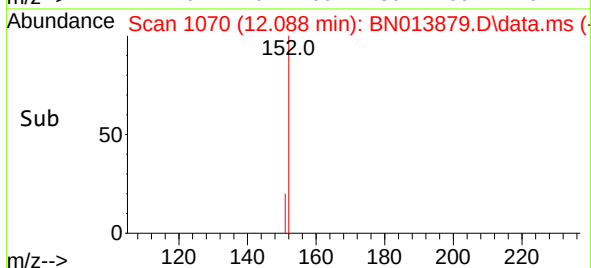
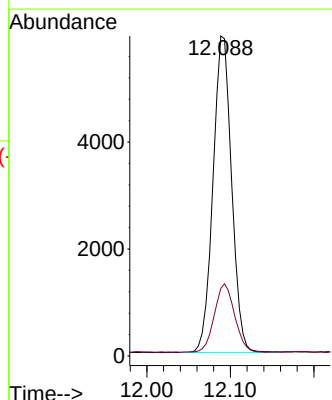
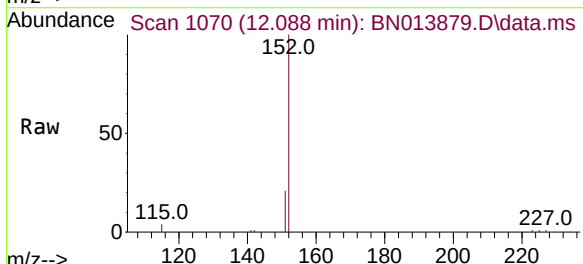
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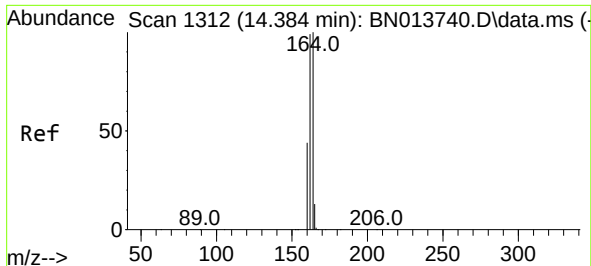
Tgt Ion: 82 Resp: 4689
Ion Ratio Lower Upper
82 100
128 34.2 39.2 58.8#
54 61.5 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.088 min Scan# 1070
Delta R.T. -0.004 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion: 152 Resp: 9137
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.2

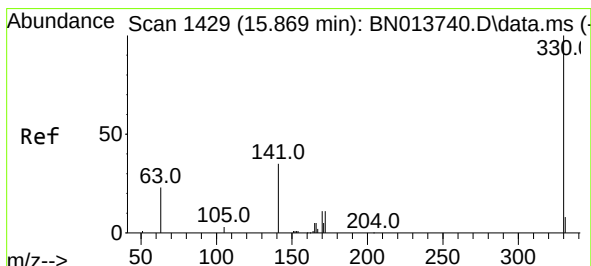
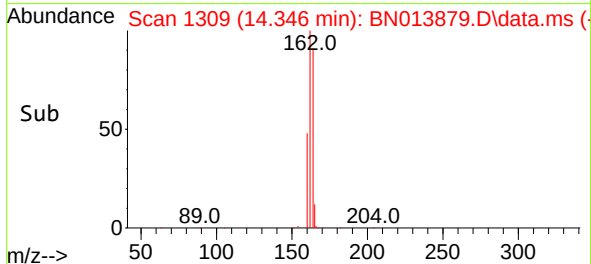
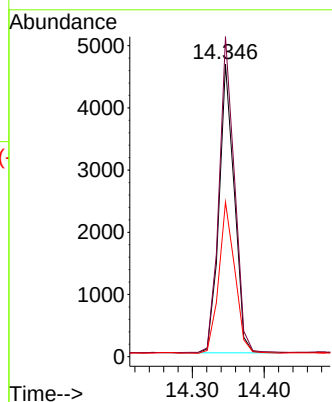
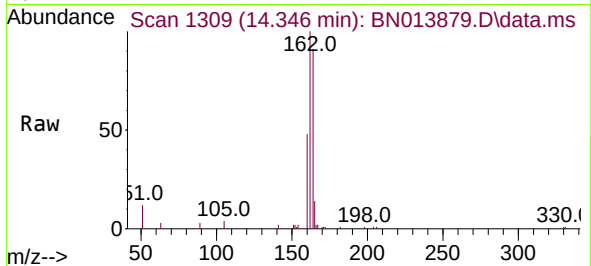




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

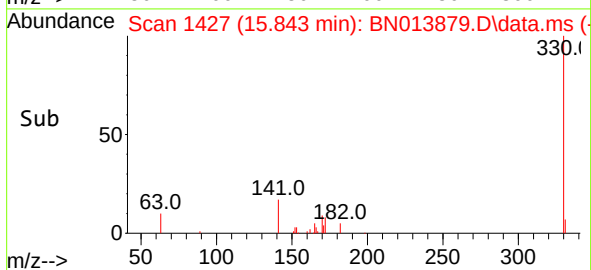
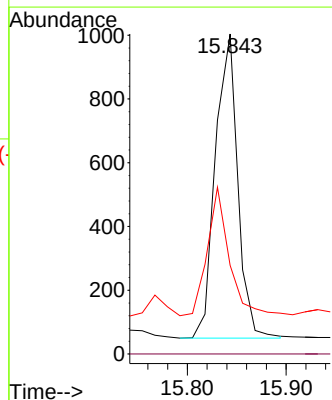
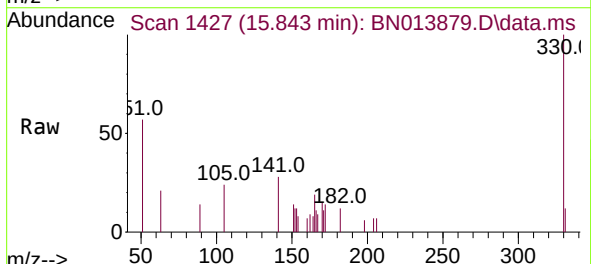
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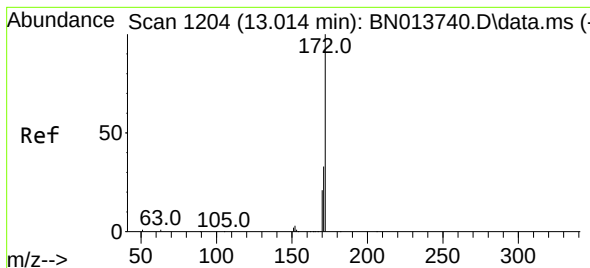
Tgt Ion:164 Resp: 6841
Ion Ratio Lower Upper
164 100
162 109.3 79.6 119.4
160 52.8 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 15.843 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion:330 Resp: 1500
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.1 26.8 40.2#

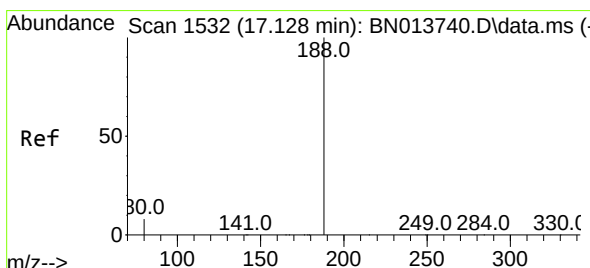
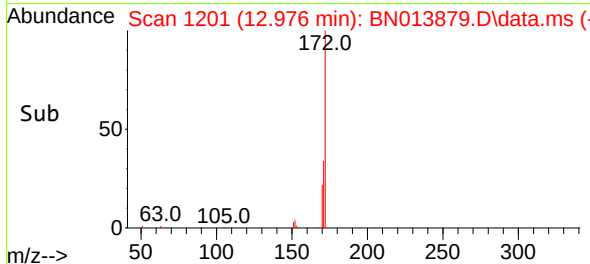
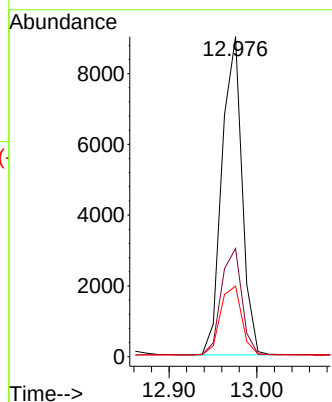
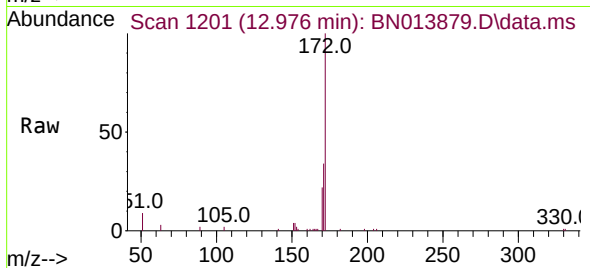




#15
2-Fluorobiphenyl
Concen: 0.59 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

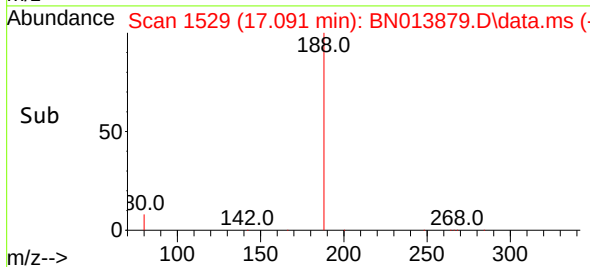
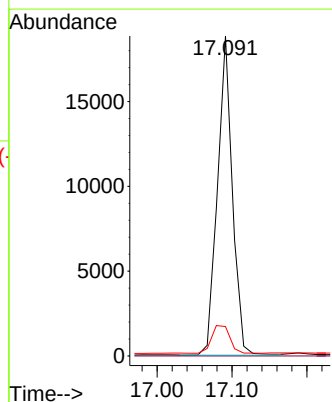
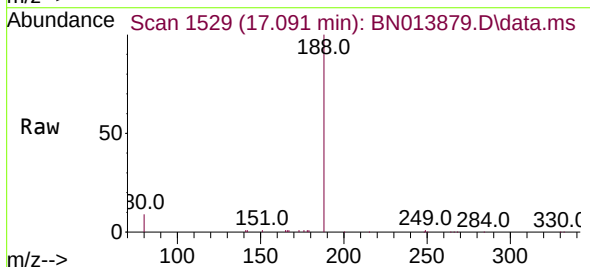
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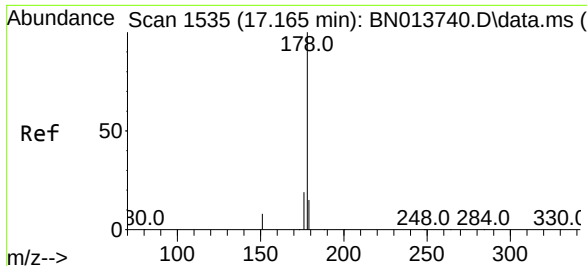
Tgt Ion:172	Resp:	14307
Ion Ratio	Lower	Upper
172	100	
171	33.8	28.6 42.8
170	22.1	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion:188	Resp:	25963
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.2	9.0 13.6

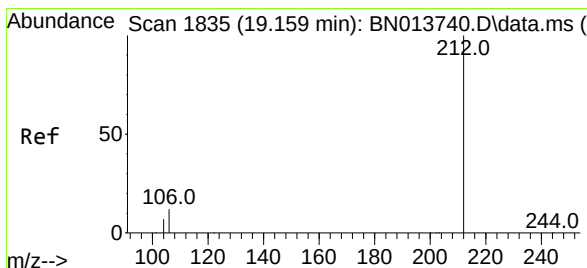
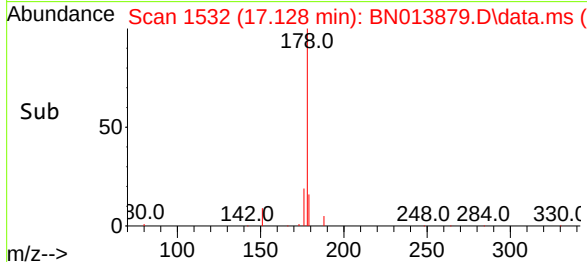
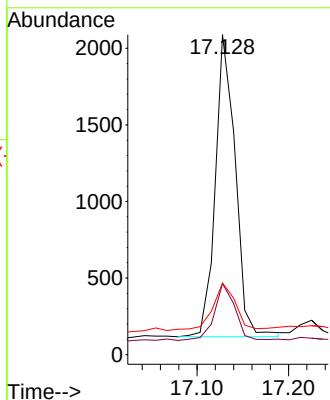
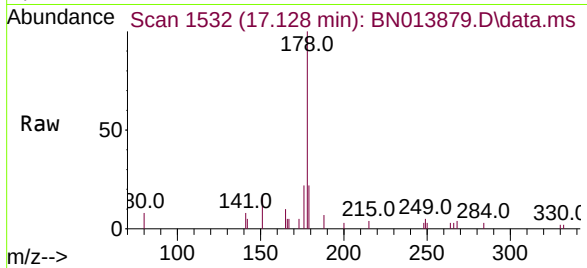




#25
Phenanthrene
Concen: 0.04 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

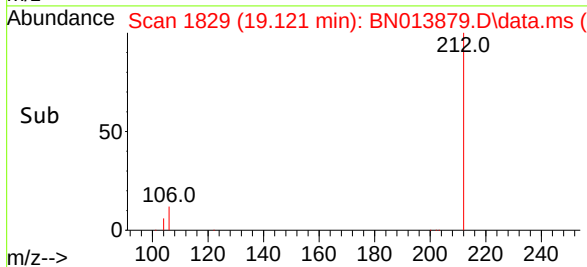
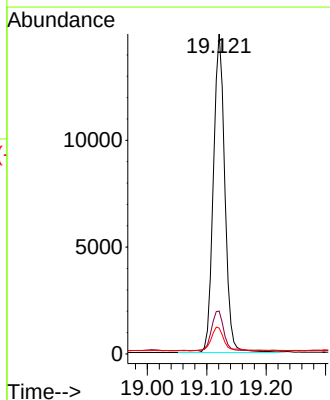
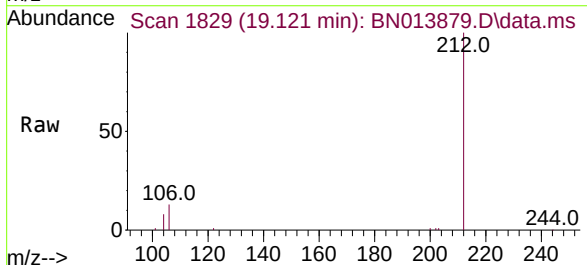
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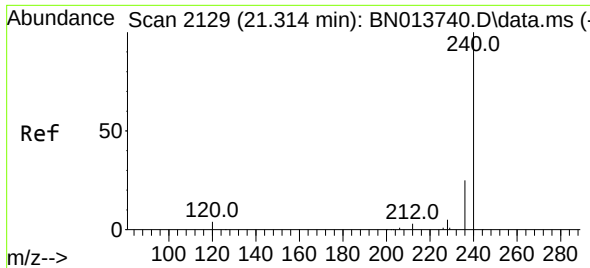
Tgt Ion:	178	Resp:	2986
Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.0	22.4
179	18.6	12.3	18.5#



#27
Fluoranthene-d10
Concen: 0.26 ng
RT: 19.121 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion:	212	Resp:	19906
Ion	Ratio	Lower	Upper
212	100		
106	13.1	9.7	14.5
104	8.4	5.5	8.3#

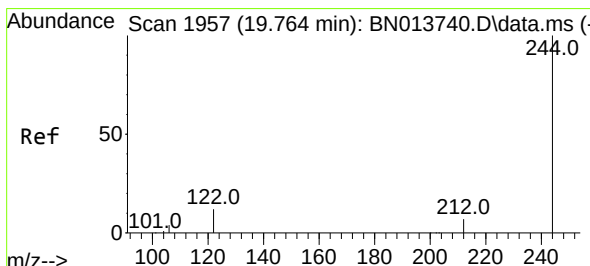
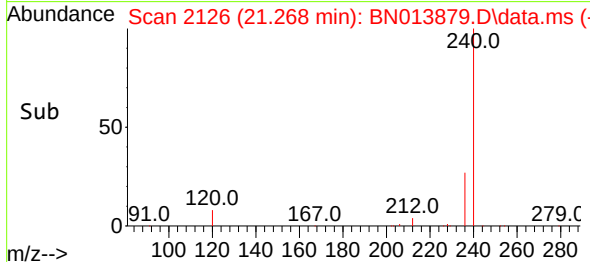
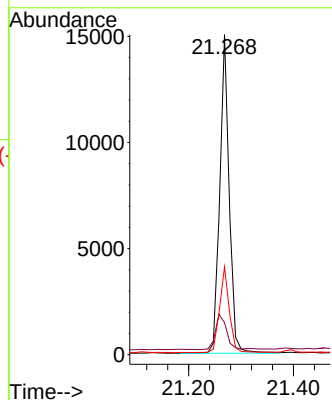
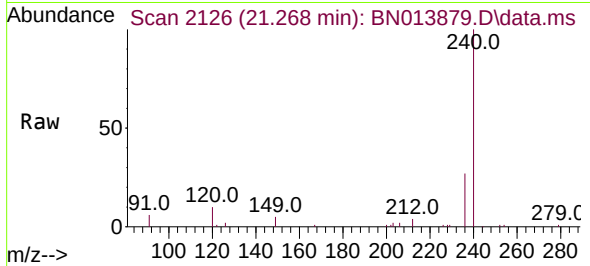




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.268 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

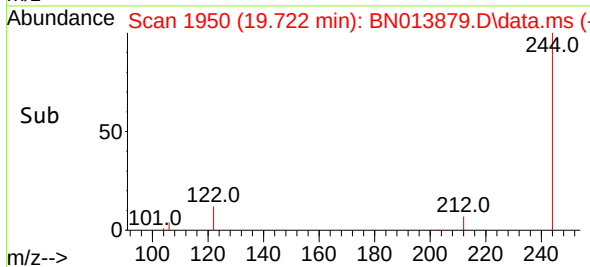
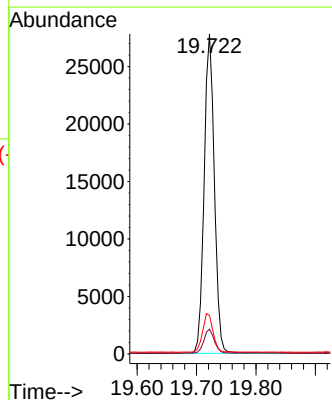
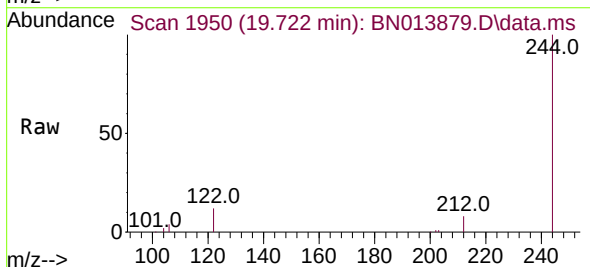
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-858-860

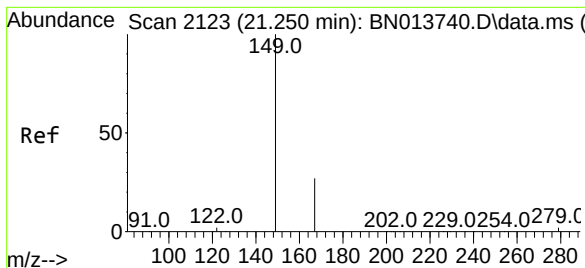
Tgt Ion:240 Resp: 18723
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 27.4 21.3 31.9



#31
Terphenyl-d14
Concen: 0.80 ng
RT: 19.722 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion:244 Resp: 33136
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.1 9.8 14.8

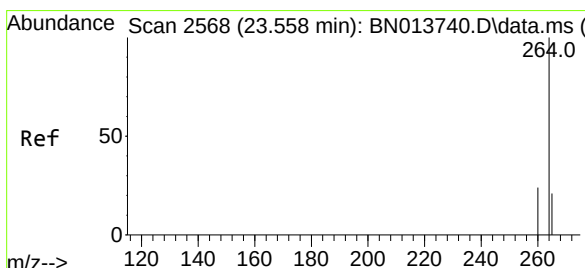
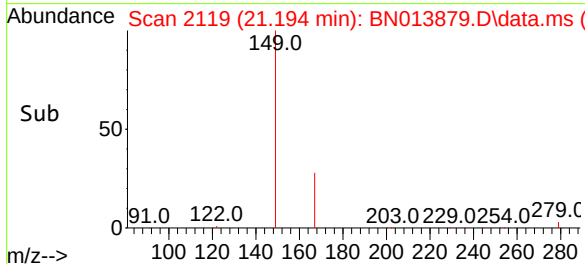
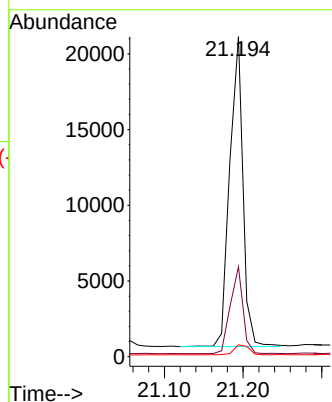
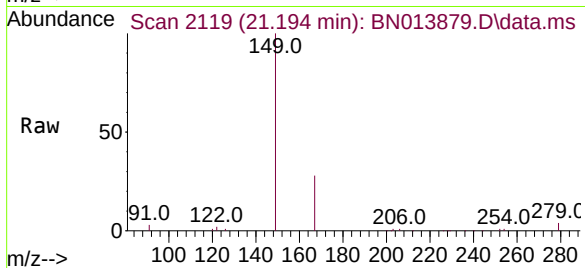




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.87 ng
 RT: 21.194 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: BN013879.D
 Acq: 08 Mar 2021 20:47

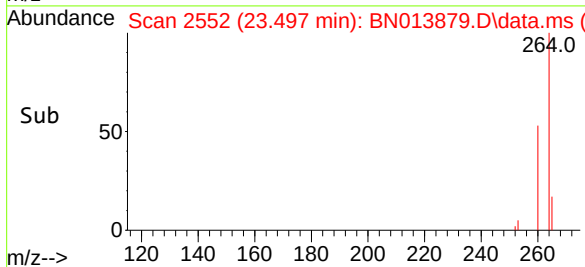
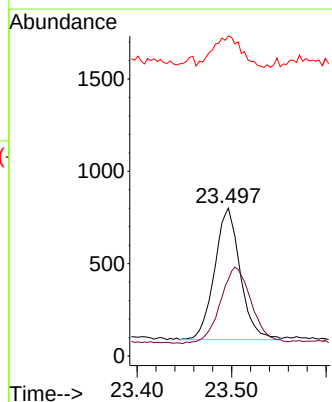
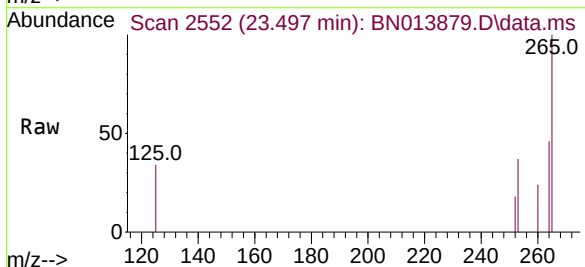
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-858-860

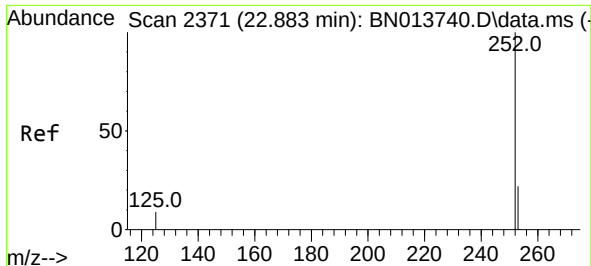
Tgt Ion:	149	Resp:	23820
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.1	33.1
279	3.7	3.5	5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.497 min Scan# 2552
 Delta R.T. 0.003 min
 Lab File: BN013879.D
 Acq: 08 Mar 2021 20:47

Tgt Ion:	264	Resp:	1346
Ion Ratio	Lower	Upper	
264	100		
260	51.7	19.3	28.9#
265	216.4	66.2	99.4#

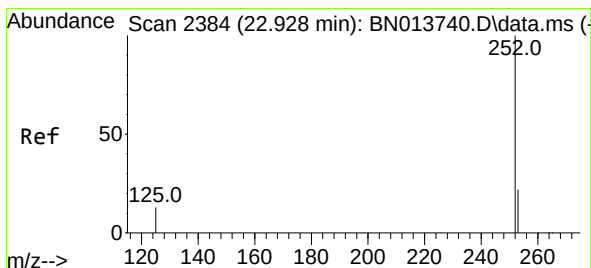
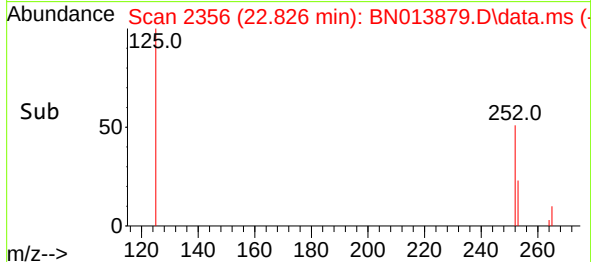
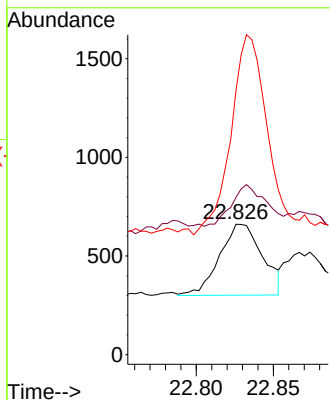
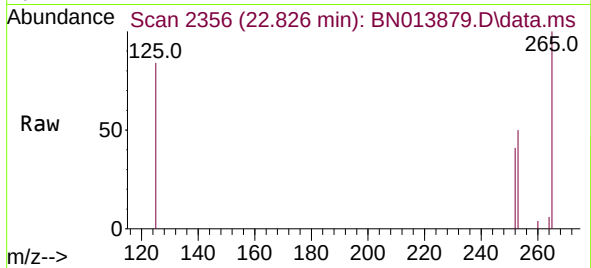




#37
Benzo(b)fluoranthene
Concen: 0.16 ng
RT: 22.826 min Scan# 2356
Delta R.T. -0.000 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

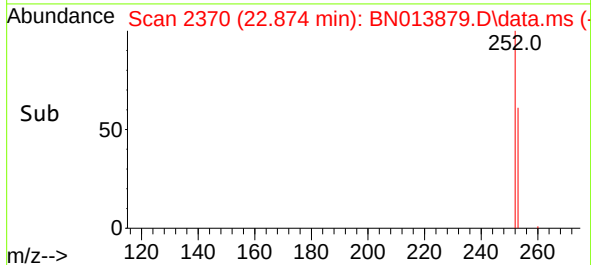
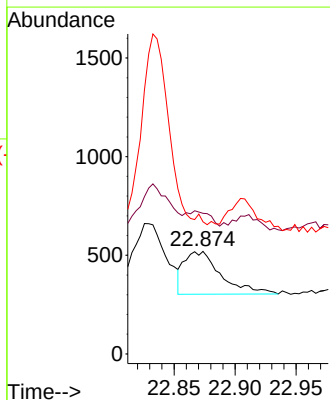
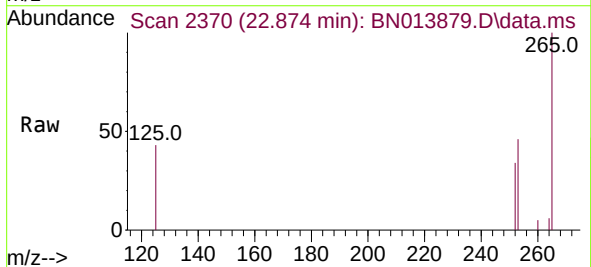
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-858-860

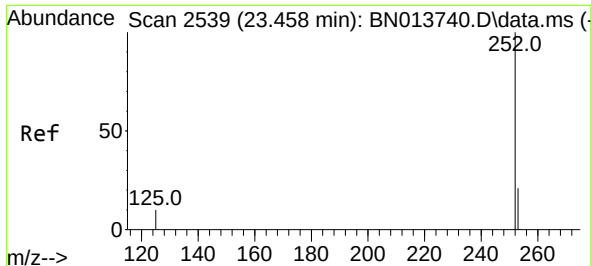
Tgt Ion:252 Resp: 695
Ion Ratio Lower Upper
252 100
253 120.6 20.4 30.6#
125 202.4 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 22.874 min Scan# 2370
Delta R.T. 0.007 min
Lab File: BN013879.D
Acq: 08 Mar 2021 20:47

Tgt Ion:252 Resp: 454
Ion Ratio Lower Upper
252 100
253 137.1 20.5 30.7#
125 128.8 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.20 ng

RT: 23.394 min Scan# 2522

Delta R.T. -0.003 min

Lab File: BN013879.D

Acq: 08 Mar 2021 20:47

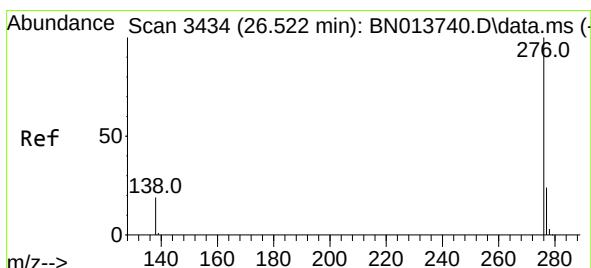
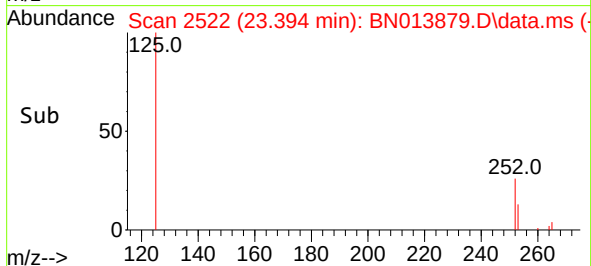
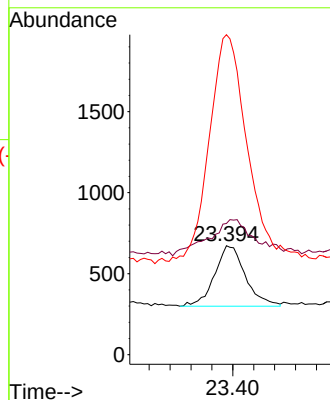
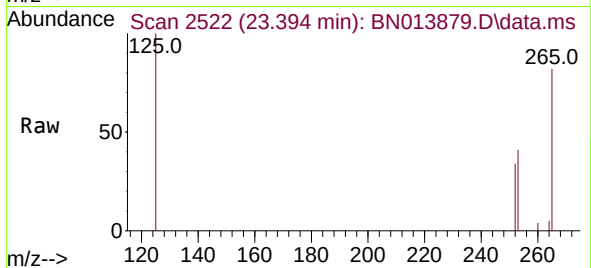
Tgt Ion:252 Resp: 765

Ion Ratio Lower Upper

252 100

253 120.4 21.8 32.6#

125 293.5 14.6 21.8#



#41

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.403 min Scan# 3401

Delta R.T. -0.007 min

Lab File: BN013879.D

Acq: 08 Mar 2021 20:47

Tgt Ion:276 Resp: 89

Ion Ratio Lower Upper

276 100

277 103.7 20.0 30.0#

138 124.3 17.8 26.8#

