

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092920\
 Data File : BN012021.D
 Acq On : 29 Sep 2020 15:36
 Operator : CG/JU
 Sample : L4169-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H-1

Quant Time: Sep 29 17:29:07 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 10:58:58 2020
 Response via : Initial Calibration

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

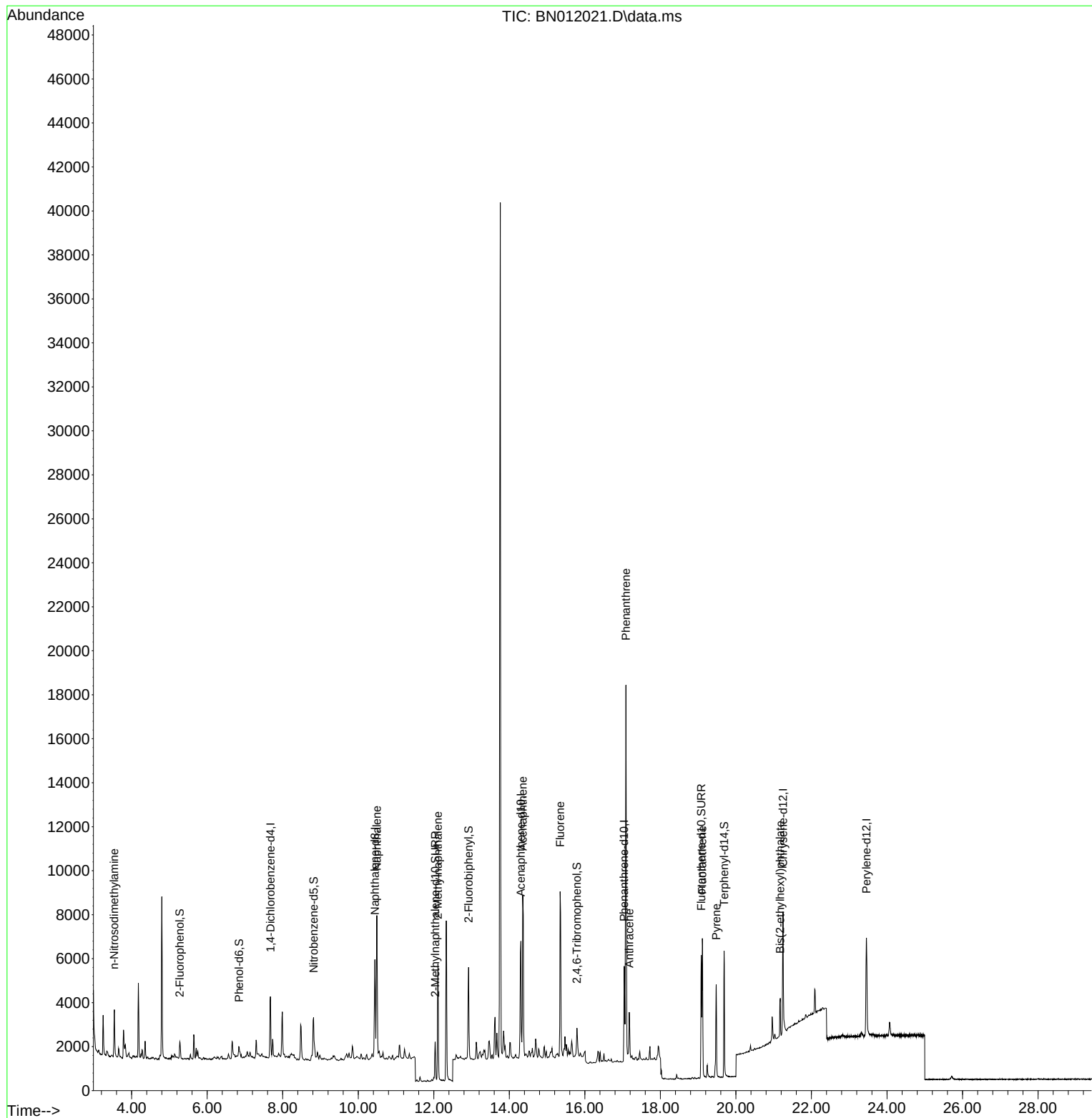
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	1289	0.40	ng	# 0.00
7) Naphthalene-d8	10.440	136	5715	0.40	ng	# 0.00
13) Acenaphthene-d10	14.306	164	3327	0.40	ng	0.00
19) Phenanthrene-d10	17.041	188	6394	0.40	ng	#-0.01
29) Chrysene-d12	21.248	240	6036	0.40	ng	# 0.00
36) Perylene-d12	23.456	264	6313	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.275	112	490	0.11	ng	0.00
5) Phenol-d6	6.845	99	348	0.06	ng	0.00
8) Nitrobenzene-d5	8.818	82	1736	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	2552	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.790	330	581	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.923	172	3629	0.29	ng	0.00
27) Fluoranthene-d10	19.082	212	6646	0.35	ng	0.00
31) Terphenyl-d14	19.688	244	5873	0.43	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.535	42	329	0.10	ng	# 10
9) Naphthalene	10.491	128	7924	0.48	ng	99
12) 2-Methylnaphthalene	12.109	142	3608	0.35	ng	# 92
17) Acenaphthene	14.357	154	4013	0.37	ng	93
18) Fluorene	15.346	166	5324	0.40	ng	95
25) Phenanthrene	17.090	178	17693	0.90	ng	99
26) Anthracene	17.175	178	2714	0.16	ng	# 96
28) Fluoranthene	19.112	202	5690	0.26	ng	# 96
30) Pyrene	19.479	202	3972	0.18	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.174	149	1898	0.14	ng	# 88

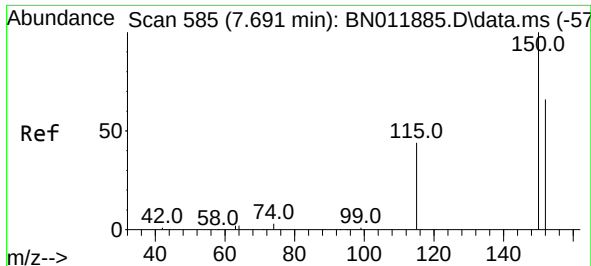
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 10:58:58 2020
Response via : Initial Calibration

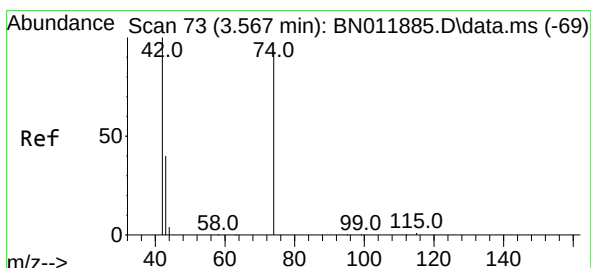
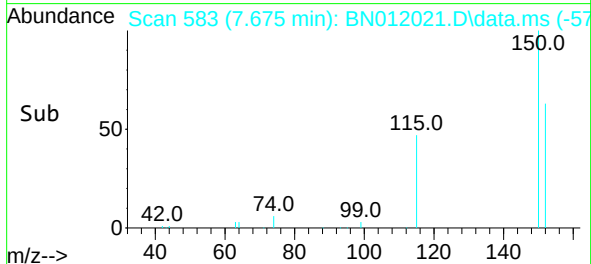
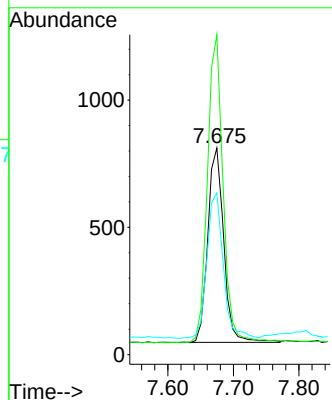
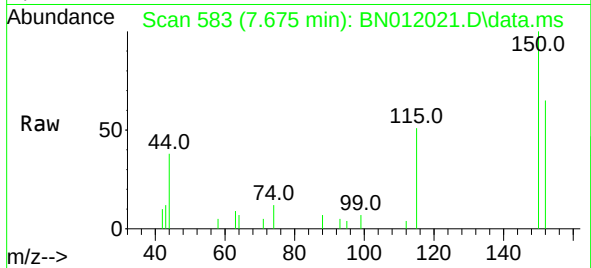




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.675 min Scan# 583
Delta R.T. -0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

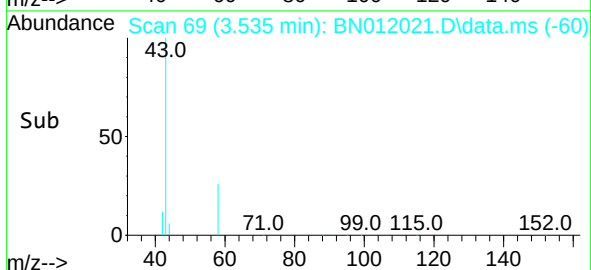
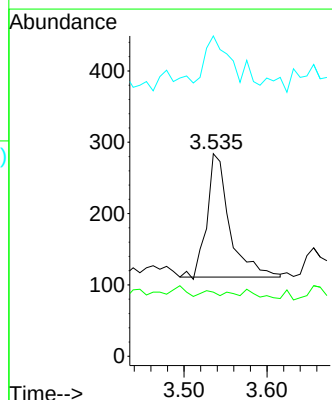
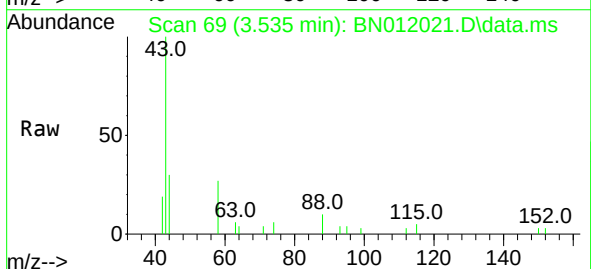
Instrument :
BNA_N
ClientSampled :
H-1

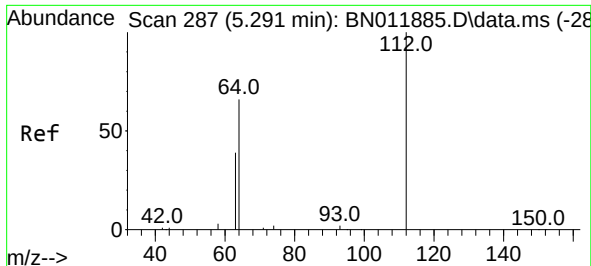
Tgt Ion:152 Resp: 1289
Ion Ratio Lower Upper
152 100
150 154.8 118.3 177.5
115 78.3 51.3 76.9#



#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.535 min Scan# 69
Delta R.T. -0.024 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

Tgt Ion: 42 Resp: 329
Ion Ratio Lower Upper
42 100
74 3.0 64.4 96.6#
44 48.9 6.7 10.1#

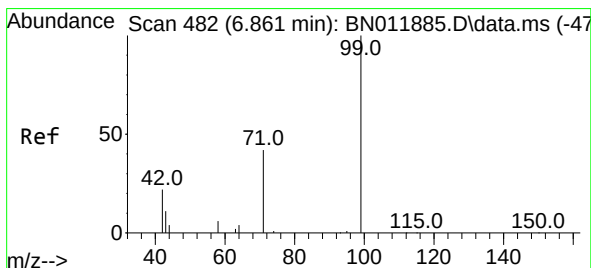
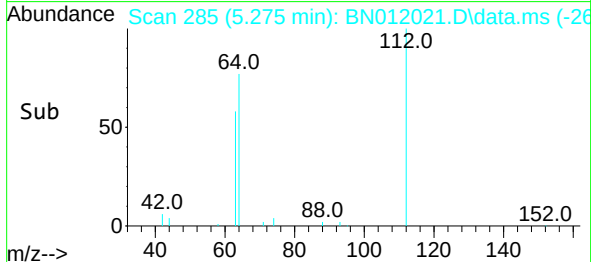
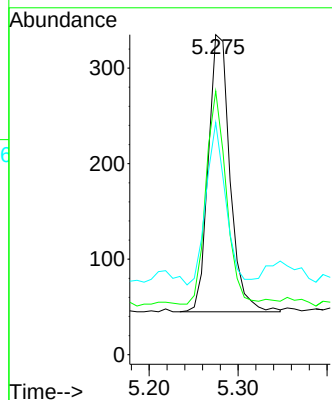
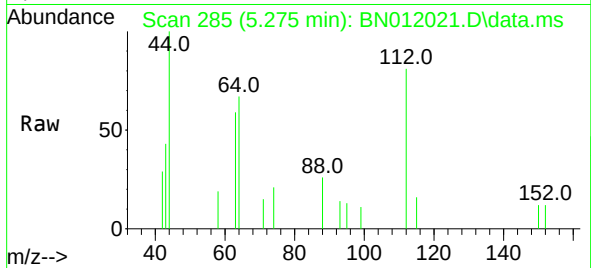




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.275 min Scan# 285
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

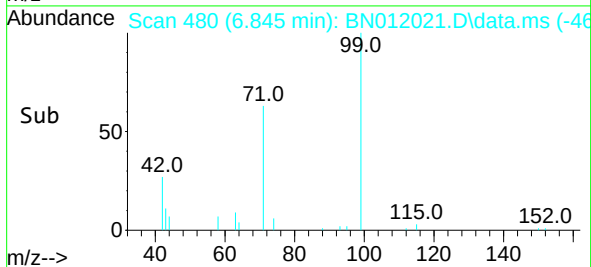
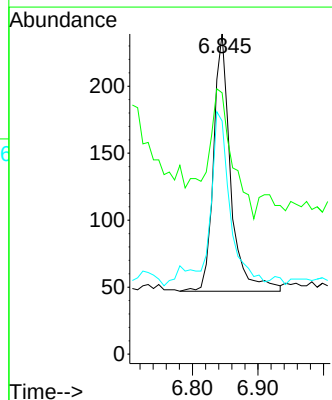
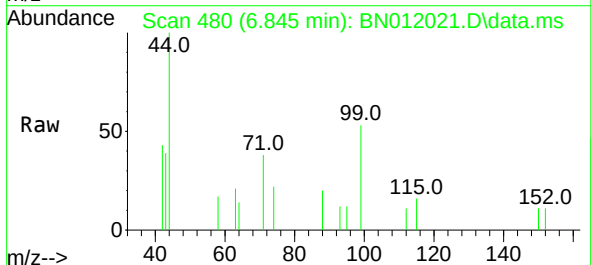
Instrument :
BNA_N
ClientSampled :
H-1

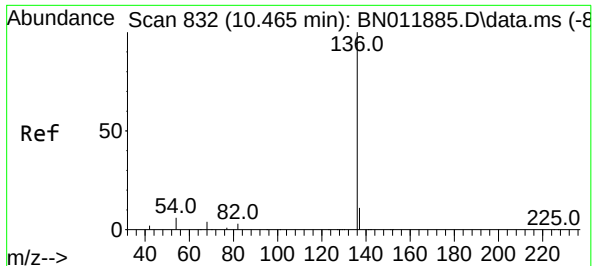
Tgt Ion: 112 Resp: 490
Ion Ratio Lower Upper
112 100
64 73.5 49.0 73.6
63 54.1 31.8 47.6#



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.845 min Scan# 480
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

Tgt Ion: 99 Resp: 348
Ion Ratio Lower Upper
99 100
42 63.8 23.4 35.0#
71 68.7 38.1 57.1#

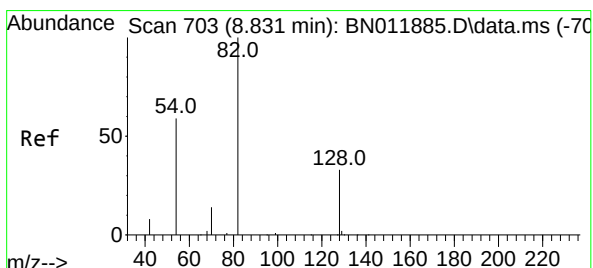
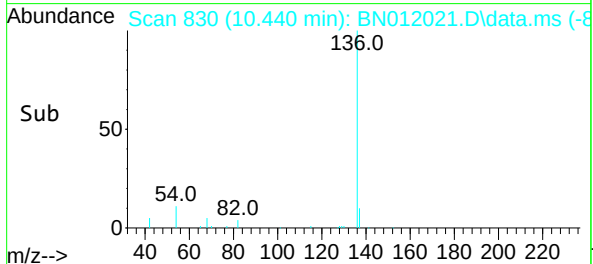
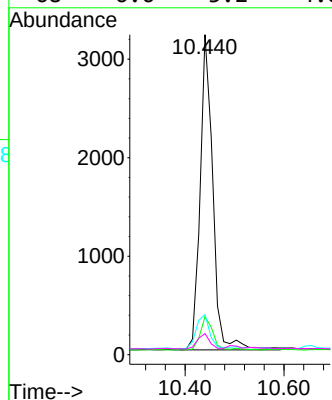
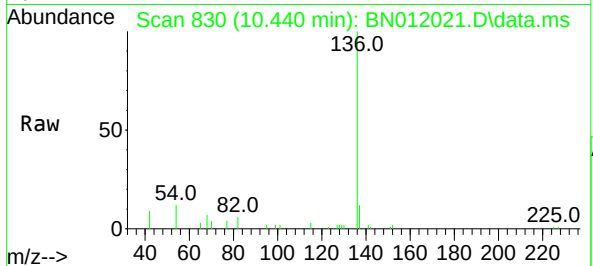




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.440 min Scan# 830
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

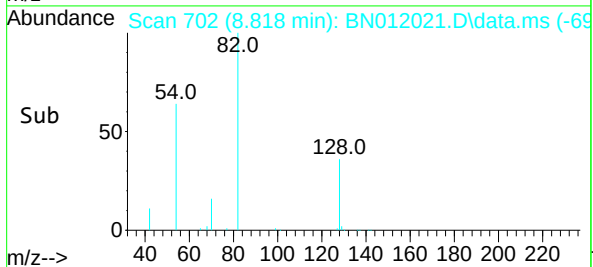
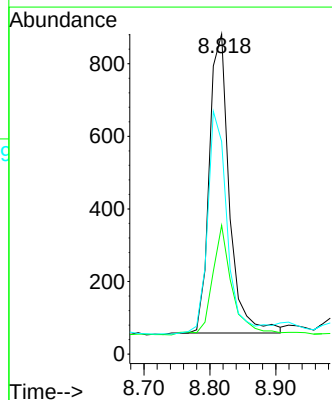
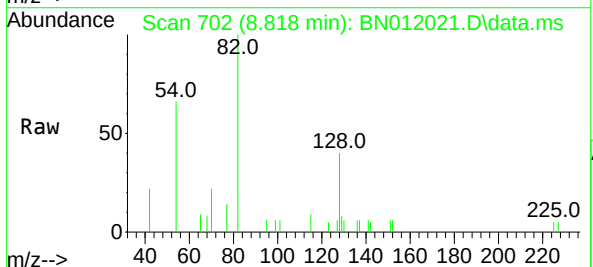
Instrument :
BNA_N
ClientSampled :
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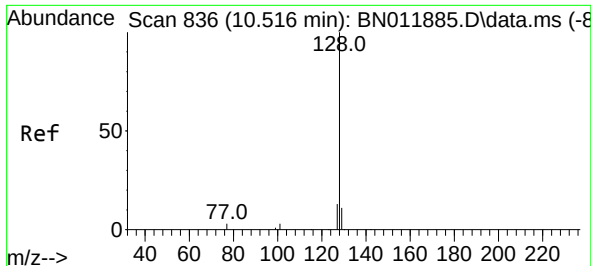
Tgt Ion:	136	Resp:	5715
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.5	14.3
54	12.5	5.6	8.4#
68	6.6	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

Tgt Ion:	82	Resp:	1736
Ion Ratio	Lower	Upper	
82	100		
128	40.2	34.2	51.2
54	66.4	43.1	64.7#

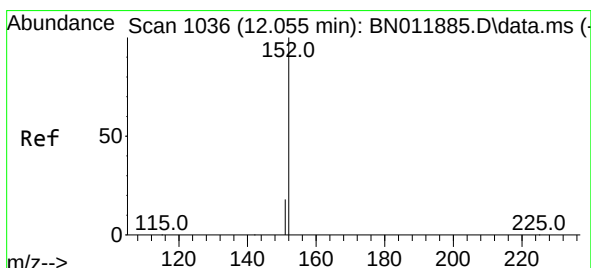
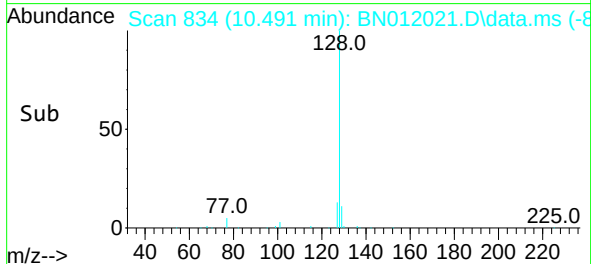
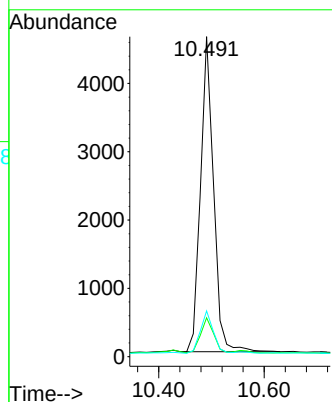
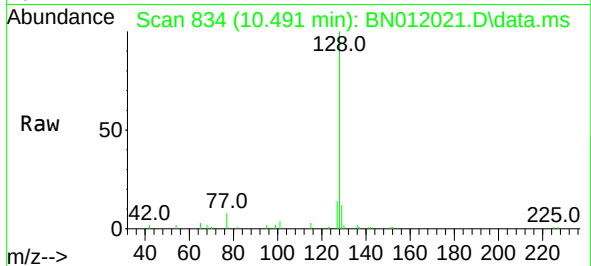




#9
Naphthalene
Concen: 0.48 ng
RT: 10.491 min Scan# 834
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

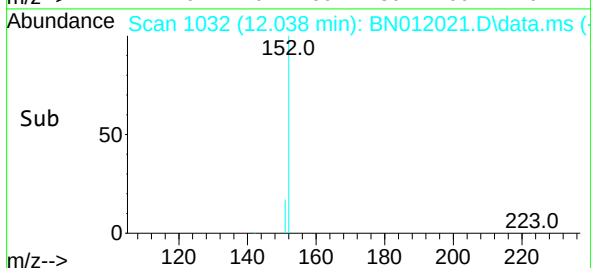
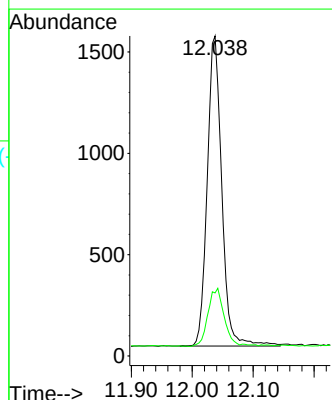
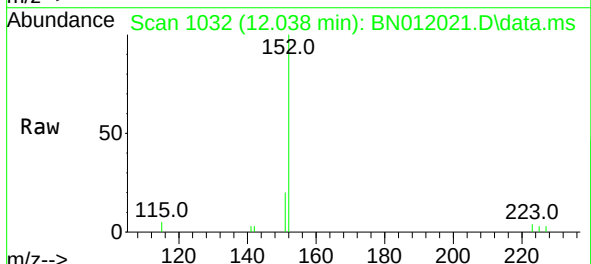
Instrument :
BNA_N
ClientSampleId :
H-1

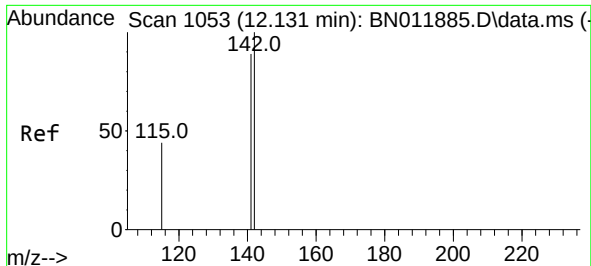
Tgt Ion:128 Resp: 7924
Ion Ratio Lower Upper
128 100
129 12.1 9.7 14.5
127 14.3 11.0 16.4



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.038 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

Tgt Ion:152 Resp: 2552
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1

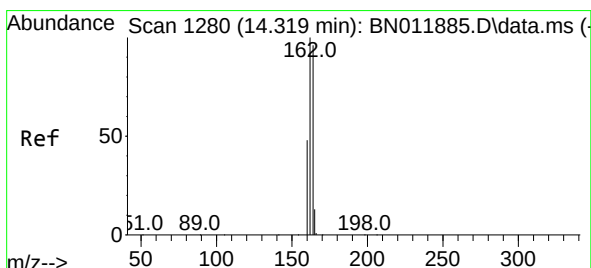
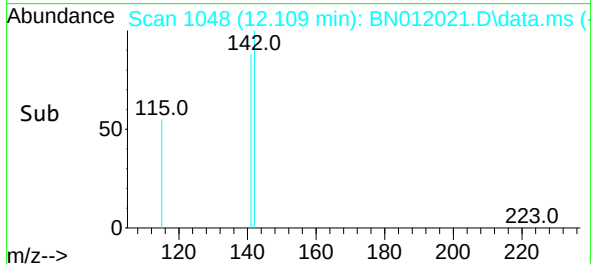
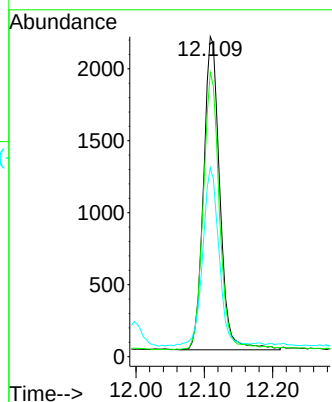
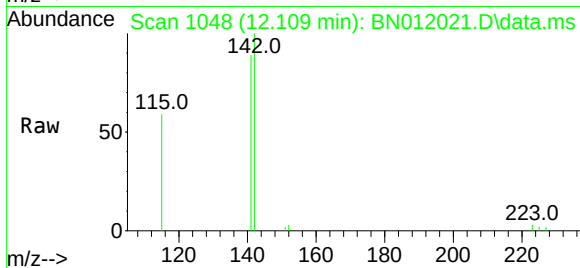




#12
2-Methylnaphthalene
Concen: 0.35 ng
RT: 12.109 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

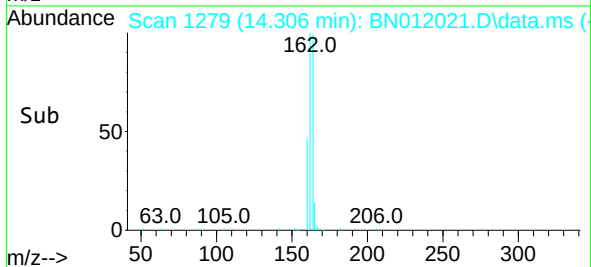
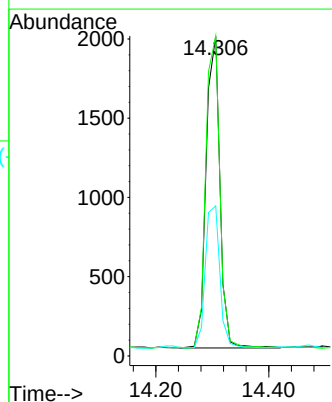
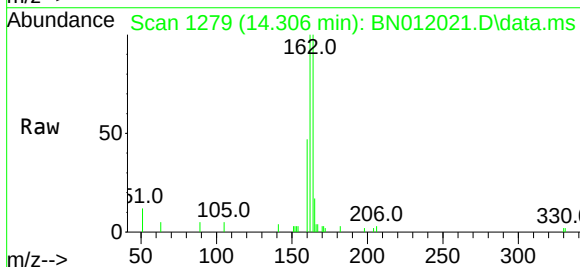
Instrument :
BNA_N
ClientSampled :
H-1

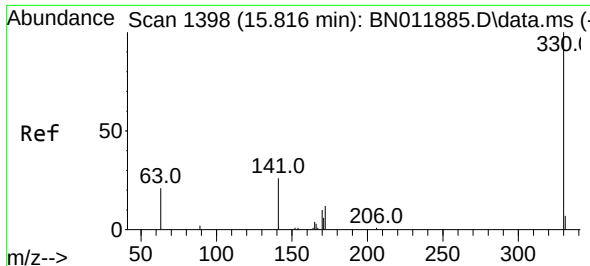
Tgt Ion:142 Resp: 3608
Ion Ratio Lower Upper
142 100
141 88.8 70.0 105.0
115 59.1 35.8 53.6#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

Tgt Ion:164 Resp: 3327
Ion Ratio Lower Upper
164 100
162 100.1 83.6 125.4
160 47.0 41.2 61.8

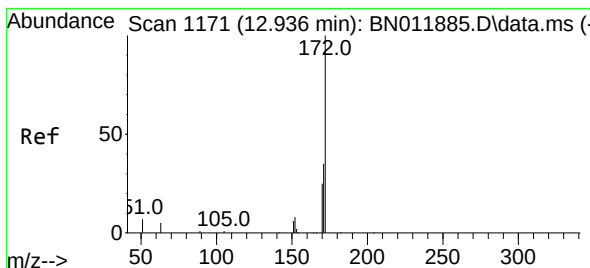
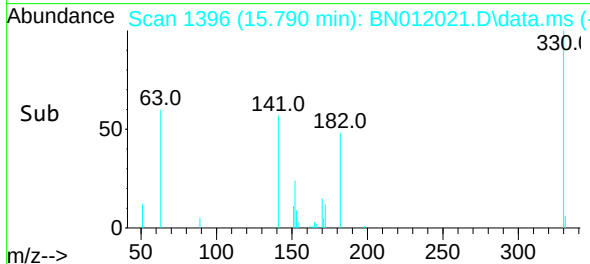
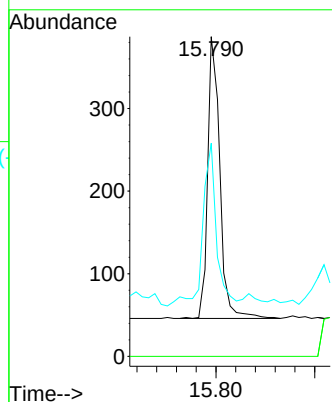
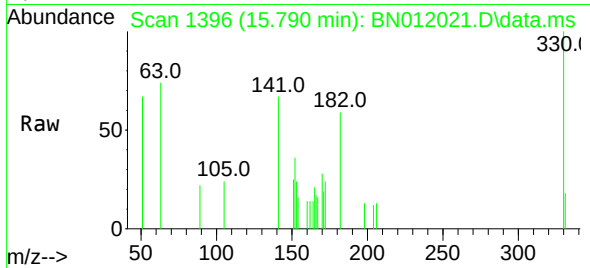




#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.790 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

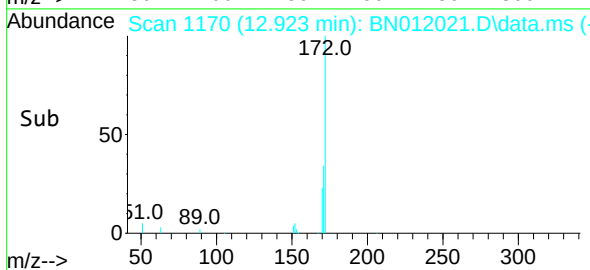
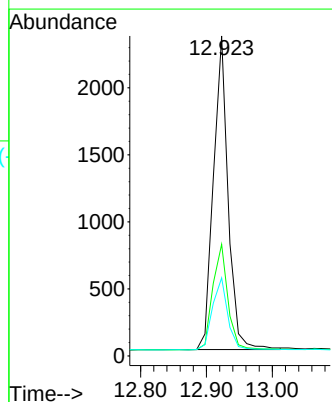
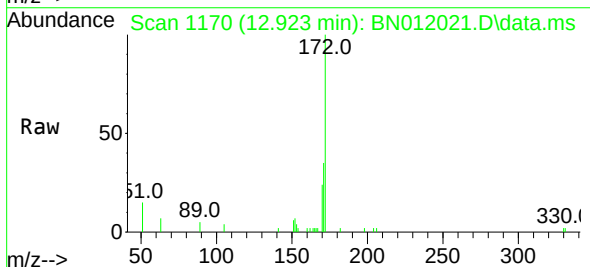
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ClientSampleId :
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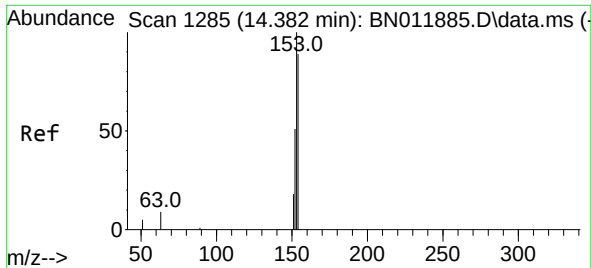
Tgt Ion:330 Resp: 581
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 58.0 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.923 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

Tgt Ion:172 Resp: 3629
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.2
170 24.4 17.8 26.6

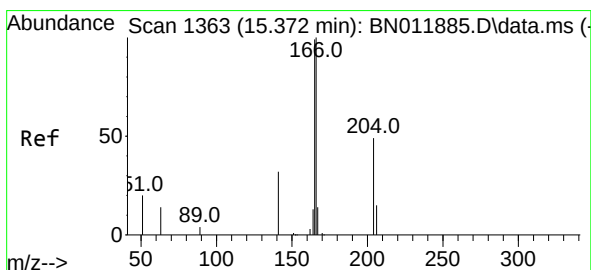
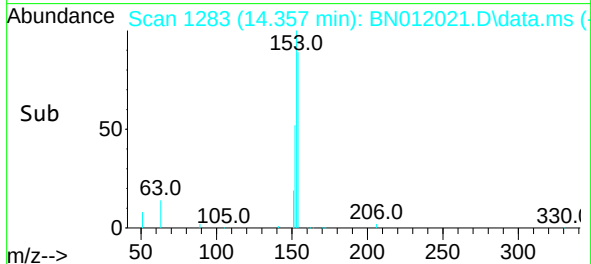
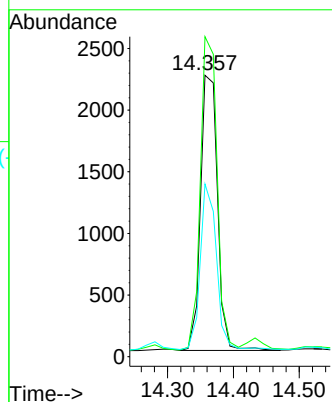
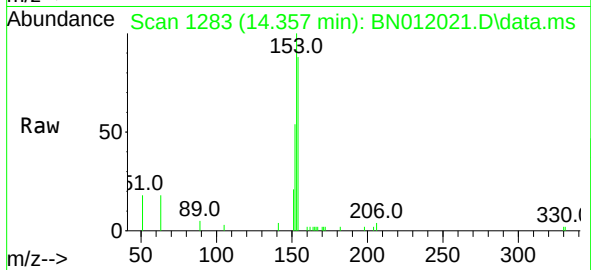




#17
Acenaphthene
Concen: 0.37 ng
RT: 14.357 min Scan# 1283
Delta R.T. -0.013 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

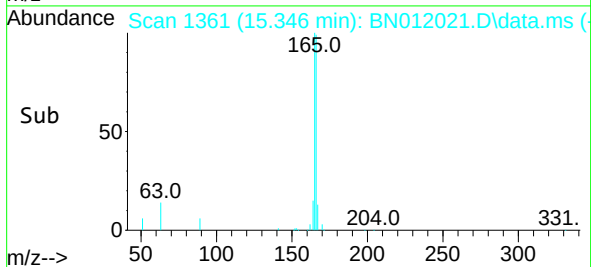
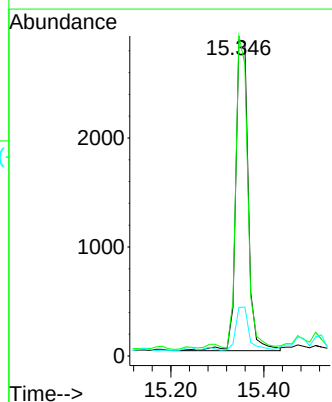
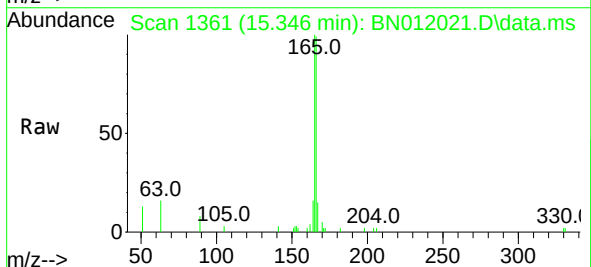
Instrument :
BNA_N
ClientSampled :
H-1

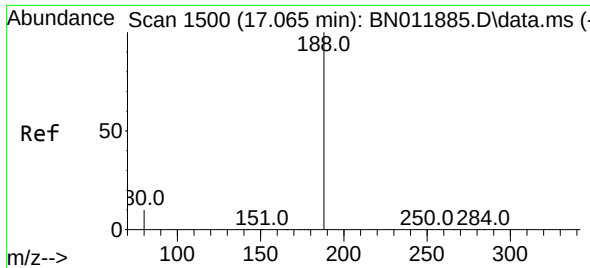
Tgt Ion:154 Resp: 4013
Ion Ratio Lower Upper
154 100
153 112.2 83.4 125.2
152 57.2 42.8 64.2



#18
Fluorene
Concen: 0.40 ng
RT: 15.346 min Scan# 1361
Delta R.T. -0.013 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

Tgt Ion:166 Resp: 5324
Ion Ratio Lower Upper
166 100
165 93.4 78.8 118.2
167 14.5 11.2 16.8

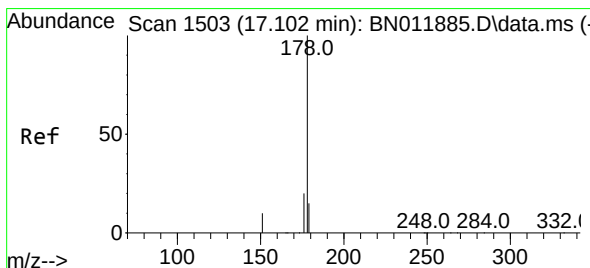
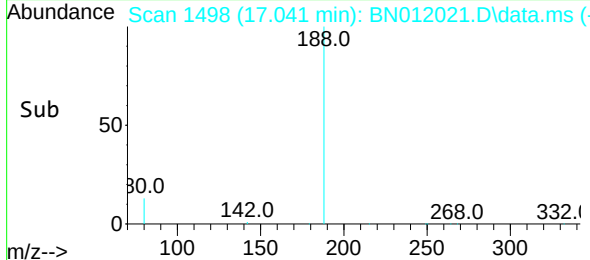
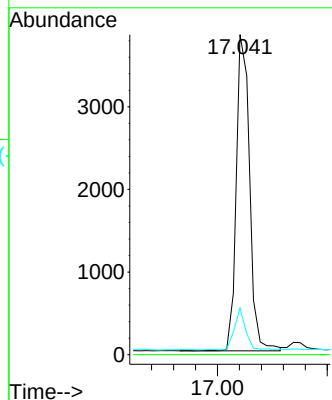
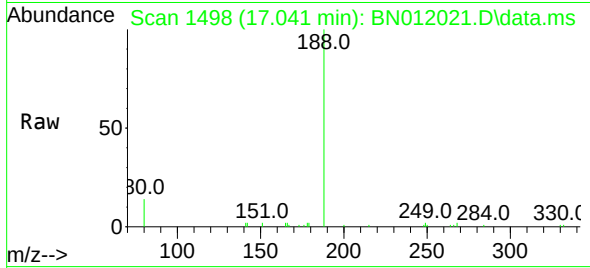




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.041 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

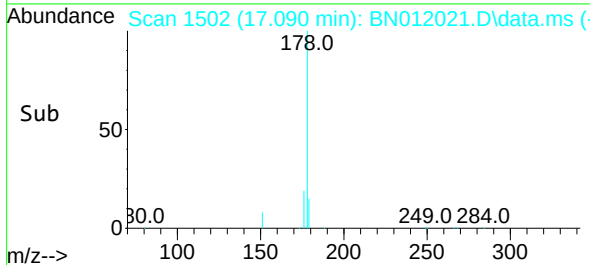
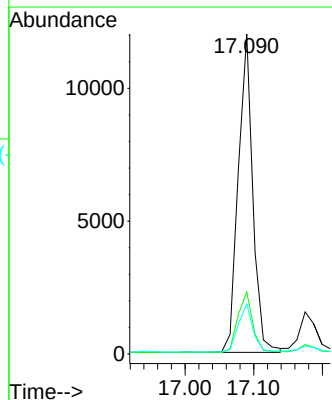
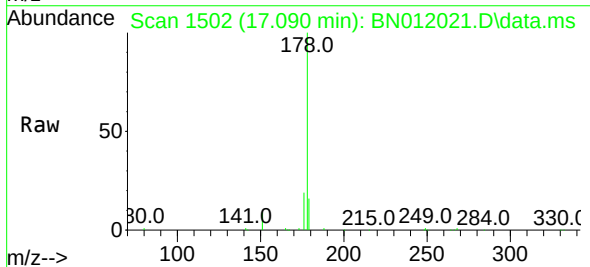
Instrument :
BNA_N
ClientSampled :
H-1

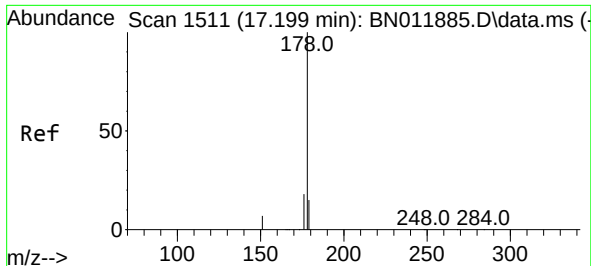
Tgt Ion:188 Resp: 6394
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 7.7 11.5#



#25
Phenanthrene
Concen: 0.90 ng
RT: 17.090 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

Tgt Ion:178 Resp: 17693
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.2 12.3 18.5

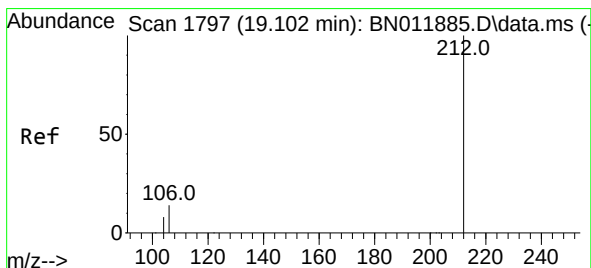
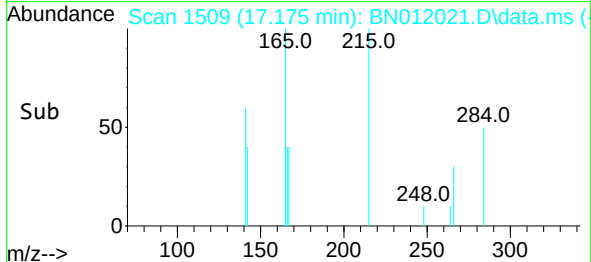
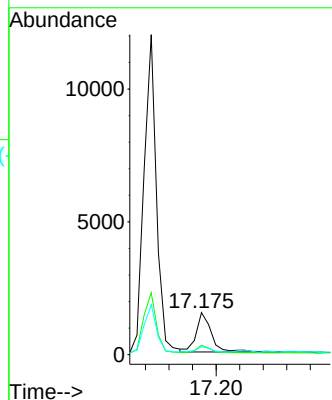
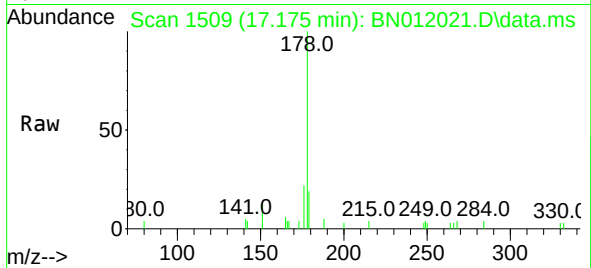




#26
 Anthracene
 Concen: 0.16 ng
 RT: 17.175 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: BN012021.D
 Acq: 29 Sep 2020 15:36

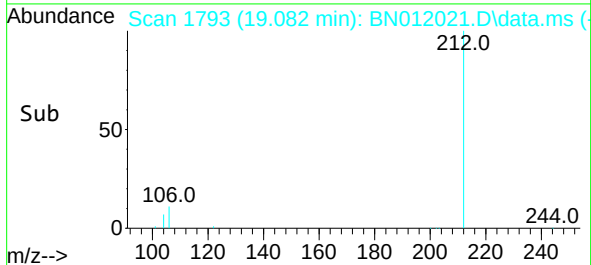
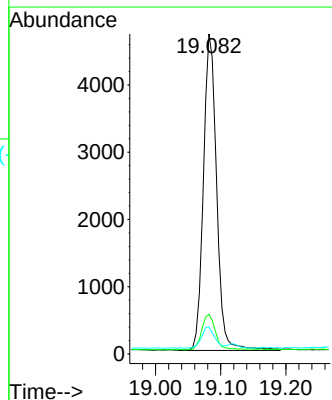
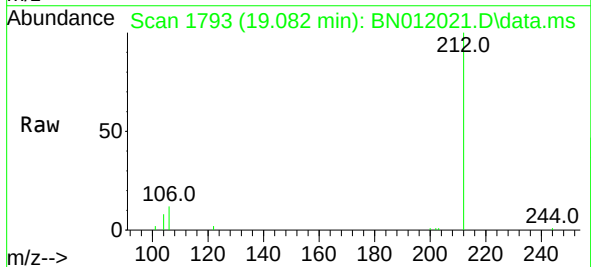
Instrument :
 BNA_N
 ClientSampled :
 H-1

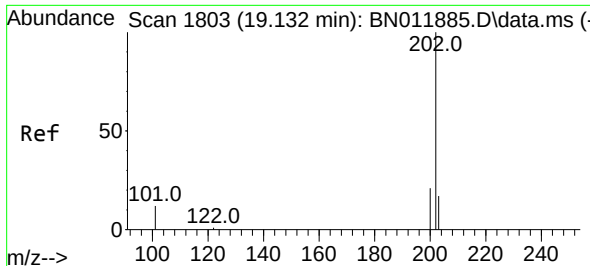
Tgt Ion:178 Resp: 2714
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 21.8
 179 12.0 12.4 18.6#



#27
 Fluoranthene-d10
 Concen: 0.35 ng
 RT: 19.082 min Scan# 1793
 Delta R.T. -0.005 min
 Lab File: BN012021.D
 Acq: 29 Sep 2020 15:36

Tgt Ion:212 Resp: 6646
 Ion Ratio Lower Upper
 212 100
 106 11.5 6.4 9.6#
 104 6.8 3.9 5.9#

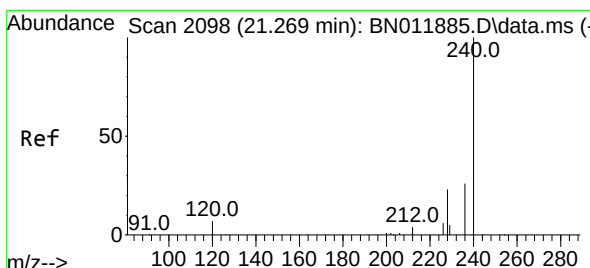
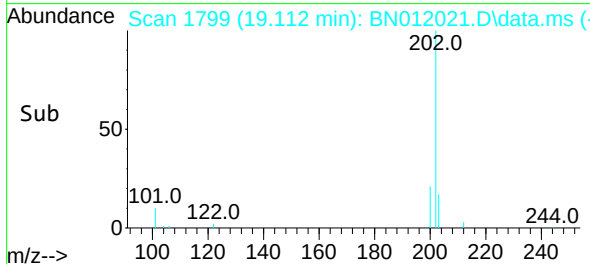
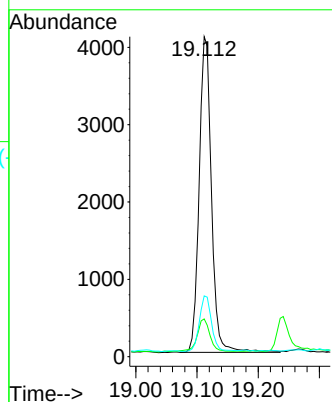
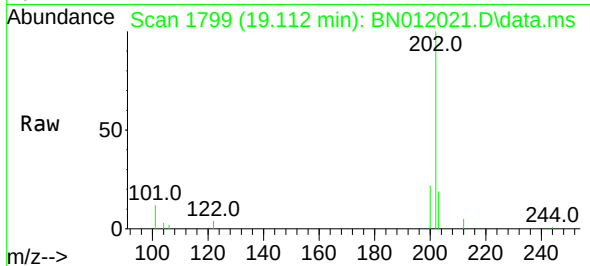




#28
Fluoranthene
Concen: 0.26 ng
RT: 19.112 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

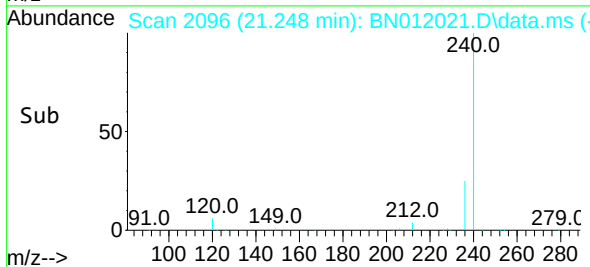
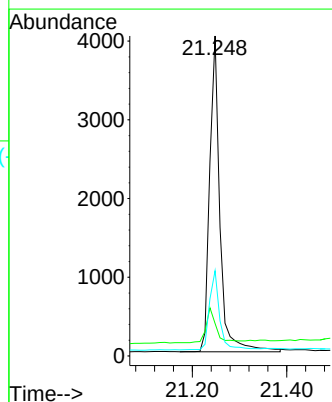
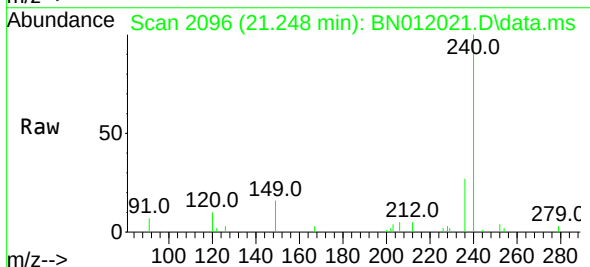
Instrument :
BNA_N
ClientSampled :
H-1

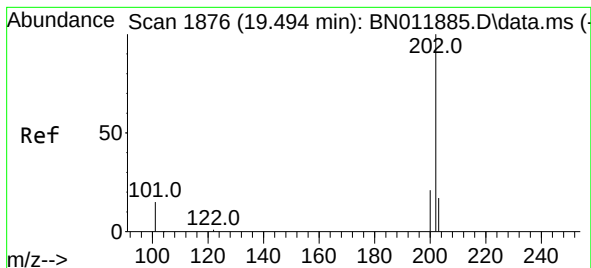
Tgt Ion:202 Resp: 5690
Ion Ratio Lower Upper
202 100
101 10.7 5.4 8.2#
203 17.5 13.8 20.6



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.248 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN012021.D
Acq: 29 Sep 2020 15:36

Tgt Ion:240 Resp: 6036
Ion Ratio Lower Upper
240 100
120 10.2 3.5 5.3#
236 26.6 20.5 30.7





#30

Pyrene

Concen: 0.18 ng

RT: 19.479 min Scan# 1873

Delta R.T. 0.000 min

Lab File: BN012021.D

Acq: 29 Sep 2020 15:36

Tgt Ion:202 Resp: 3972

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

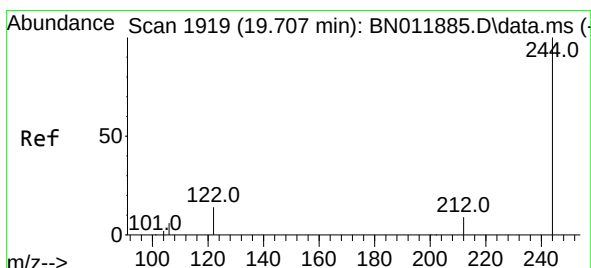
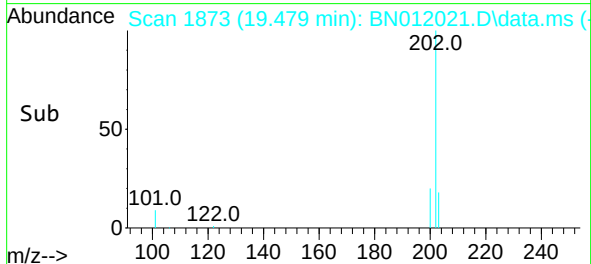
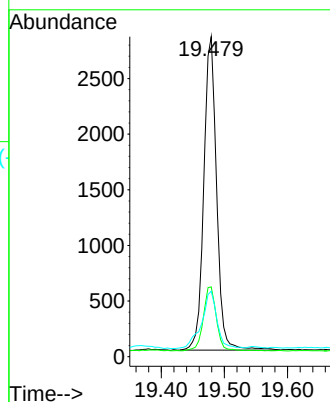
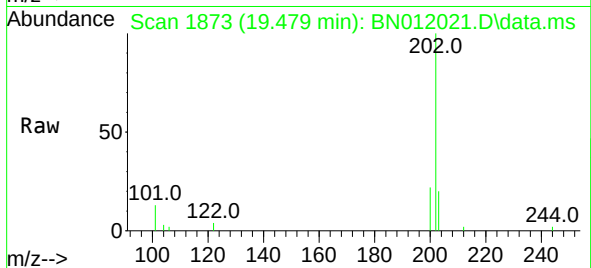
203 22.2 13.9 20.9#

Instrument :

BNA_N

ClientSampleId :

H-1



#31

Terphenyl-d14

Concen: 0.43 ng

RT: 19.688 min Scan# 1915

Delta R.T. -0.005 min

Lab File: BN012021.D

Acq: 29 Sep 2020 15:36

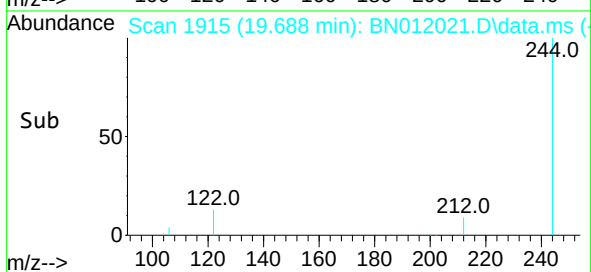
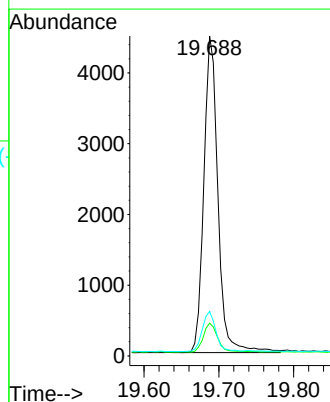
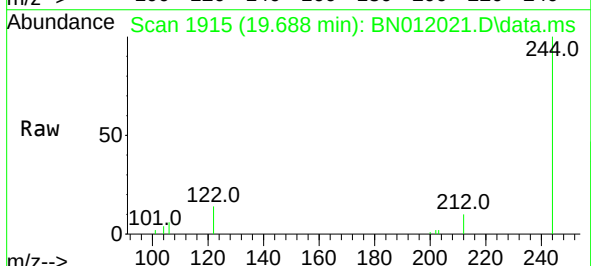
Tgt Ion:244 Resp: 5873

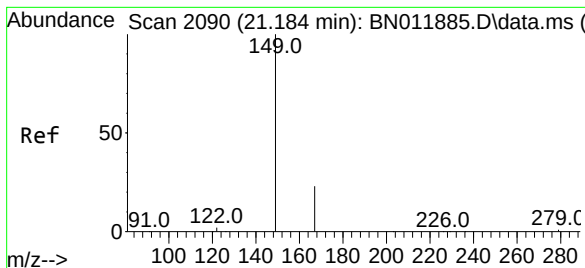
Ion Ratio Lower Upper

244 100

212 10.3 7.3 10.9

122 13.9 7.8 11.6#

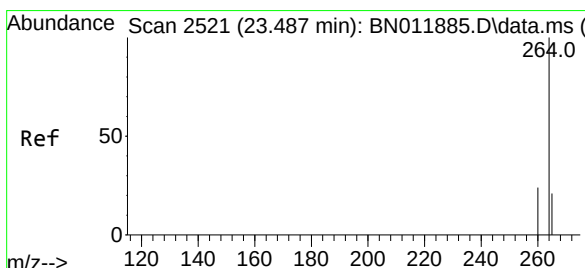
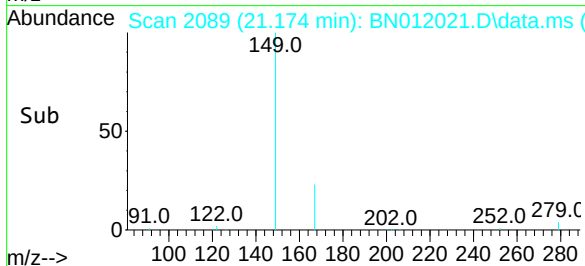
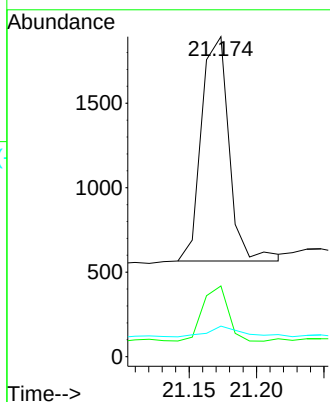
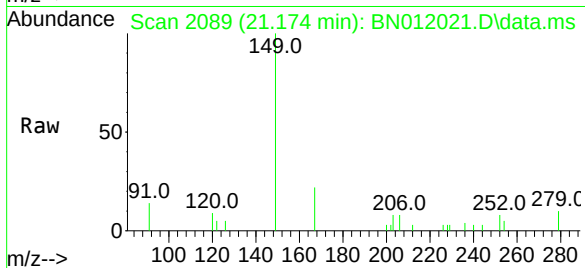




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.14 ng
 RT: 21.174 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: BN012021.D
 Acq: 29 Sep 2020 15:36

Instrument :
 BNA_N
 ClientSampleId :
 H-1

Tgt Ion:149 Resp: 1898
 Ion Ratio Lower Upper
 149 100
 167 22.3 23.6 35.4#
 279 6.0 4.0 6.0



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.456 min Scan# 2512
 Delta R.T. -0.003 min
 Lab File: BN012021.D
 Acq: 29 Sep 2020 15:36

Tgt Ion:264 Resp: 6313
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 63.6 38.6 58.0#

